

UNDERGROUND ENCLOSURES

UG-15



Hubbell Underground Enclosures

Strength, performance, quality, and outstanding customer service have been hallmarks of all Hubbell underground enclosure brands for more than 40 years. The industry leader for applications in non-deliberate traffic areas, our enclosures provide rugged and cost-effective protection for a variety of electric utility, commercial & industrial, communications, water and gas equipment while meeting the specific demands of your industry.

All Hubbell underground enclosure brands come backed with cutting-edge engineering expertise and a total commitment to quality that is designed into our products. Our engineers are respected and valued advisors throughout the industry and our quality processes are among the most sophisticated in application. When you need unyielding performance and reliability, Hubbell underground enclosure brands are the right choice.

Hubbell is proud to offer the wide selection of underground enclosures found in this catalog. The following pages outline our industry leading Quazite, Quazite FRP and Pencil brands. In addition to our core products and options, Hubbell can help customize a solution for your project and application.



Hubbell Enclosures	4	11" x 21" Straight Wall.....	79	18" x 30"	174
Quazite Size Chart	5	11" x 32" Straight and Flared Wall 80-81		24" x 24"	175
Quazite FRP Size Chart	6	12" x 12" Straight and Flared Wall 82-83		24" x 36"	176
PenCell Size Chart	7	13" x 24" Straight and Flared Wall 84-85		24" x 48"	177
ANSI Tier Selection & Placement	8	15" x 17" Straight and Flared Wall 86-87		24" x 60"	178
ANSI Tier Selection Guide	10	15" x 27" Straight and Flared Wall 88-89		30" x 36"	179
Quazite Enclosures	12	16" x 22" Straight and Flared Wall 90-91		30" x 48"	180
Quazite Selection Guide	14	17" x 30" Straight and Flared Wall 92-93		30" x 60"	181
Quazite Size Chart	16	24" x 24" Straight Wall.....	95	36" x 36"	182
Drawings	17	24" x 36" Straight and Flared Wall 96-98		36" x 48"	183
6" x 8" PC Style	17	24" x 60" Flared Wall.....	100	36" x 60"	184
8" x 8" PC Style	18	30" x 48" Straight and Flared Wall 101-104		48" x 48"	185
8" x 18" PC Style	19	30" x 48" Corrugated Wall	105-106	PR (PEMR) Series	186
10" x 15" PT Style	20	30" x 60" Straight Wall.....	107-108	12" Round.....	186
11" x 18" PG Style	21	30" x 60" Corrugated Wall	109-110	18" Round.....	187
11" x 20" PG Style	22	36" x 36" Straight Wall.....	111-112	Cover Options.....	188
11" x 20" PG Style	23	36" x 60" Straight Wall.....	113-114	Accessories.....	189
12" x 12" PC Style	24	36" x 60" Corrugated Wall	115-116	Options	191
12" x 12" PX Style	25	36" x 72" Straight Wall.....	117	Color Options	192
13" x 24" PG Style	26	36" x 72" Corrugated Wall	118-119	PenCell Option System.....	193
13" x 24" PD Style.....	27	36" x 96" Corrugated Wall	120-121	Installation Guide.....	194-195
13" x 24" PC Style	28	48" x 48" Corrugated Wall	122-123	Hole Cutting Instructions.....	196
13" x 24" PT Style	29	48" x 72" Corrugated Wall	124-125	EZ Nut Cleaning/Replacement.....	198
17" x 30" PG Style	30	48" x 78" Corrugated Wall	126-127	Concrete Collar Applications.....	199
17" x 30" PD Style	32	48" x 96" Corrugated Wall	128-129	Internal Bracing.....	200-201
17" x 30" PC Style	33	78" x 96" Corrugated Wall	130-131	Quazite Part Number System	202-203
17" x 30" PT Style	34	96" x 96" Corrugated Wall	132-133	Quazite FRP Part Number System.....	204-205
24" x 24" PG Style	35	20" Round.....	134	PenCell Part Number System	206-207
24" x 36" PG Style	36	27" Round.....	135	Terms & Conditions	208
24" x 36" PD Style	38	32" Round.....	136		
30" x 48" PG Style	39	39" Round.....	137		
30" x 48" PD Style	41	Cover Options.....	138		
30" x 60" PG Style	42	Color Options	139		
36" x 36" PG Style	43	Quazite FRP Options	140-145		
36" x 60" PG Style	44	PenCell	146		
36" x 72" PG Style	46	PenCell Selection Guide	148		
48" x 48" PG Style	47	PenCell Size Chart	149		
48" x 72" PG Style	48	PenCell Drawings	151		
48" x 78" PG Style.....	49	DT Series			
48" x 96" PG Style	50	11" x 18"	151		
27" Round Polymer Concrete Style ..	51	12" x 12"	152		
39" Round Polymer Concrete Style ..	53	13" x 24"	153		
5" x 16" Median Barrier Enclosure ..	55	17" x 30"	154		
10" x 12" Jersey Style Median Barrier Enclosure.....	56	24" x 36"	156		
Dimensional Data.....	57	30" x 48"	157		
Cell Site Enclosure	58	PE Series			
Communications Cabinet Foundations Information	59	6" Round.....	158		
Cover Options / Logo Codes	60	9" Round.....	159		
EZ Auger Upgrade Kits	63	10" Round.....	160		
Quazite Options	64	14" Rectangular	161		
Dividers	66	20" Rectangular	162		
Specifications and Data	67	30" Rectangular	163		
Color Options	68	36" Rectangular	164		
Quazite FRP	70	PM (PEM) Series			
Quazite FRP Selection Guide	72	10" x 10"	165		
Quazite FRP Size Chart.....	73	10" x 14"	166		
6" x 8" Straight Wall.....	74	10" x 18"	167		
10" x 15" Straight and Flared Wall 75-76		12" x 12"	168		
11" x 18" Straight and Flared Wall 77-78		12" x 20"	170		
		12" x 24"	171		
		18" x 18"	172		
		18" x 24"	173		

Hubbell Underground Enclosures

Hubbell offers three distinct brands of underground enclosures. All three are built with the same attention to quality and performance that you know and expect from Hubbell. Each brand is made of a different base material. Our comprehensive product offering is tailored to ensure that your application requirements are met, no matter what. Based on your design style preference, Hubbell offers Quazite® monolithic polymer concrete, Quazite® FRP fiberglass-reinforced polymer, and PenCell HDPE enclosure products. All three brands offer superior performance and unique benefits.

Quazite® Enclosures

Polymer concrete is made from select-grade aggregates in combination with a polymer resin system. When combined through a process of mixing, molding, and curing, an extremely powerful cross-linked bond is formed. Precast polymer concrete is reinforced with fiberglass to give it additional strength and rigidity.

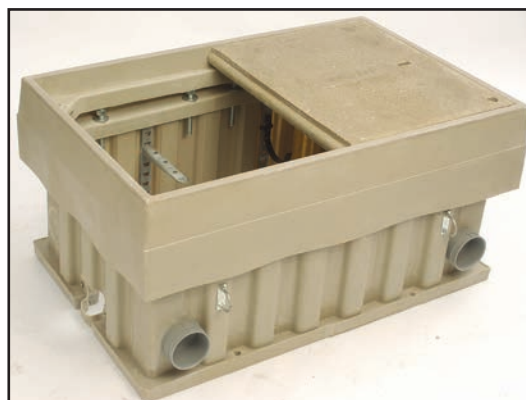
Polymer Concrete



Quazite® FRP Enclosures

Fiberglass-reinforced polymer, also called FRP, is a special combination of polymer concrete and fiber-reinforced polymer. This hybrid construction, formed from an FRP shell and a polymer concrete ring and cover, delivers a high strength, lightweight, abrasion-resistant product that is protected from ultraviolet rays.

Fiberglass Reinforced Polymer



PenCell® Enclosures

Structural foam molded high density polyethylene, also called HDPE, is a light weight, high strength plastic molding process that provides outstanding structural integrity and durability. HDPE enclosures are mated with covers made from a variety of materials: HDPE, polymer concrete or steel. This combination creates a highly versatile choice for underground utility enclosures where low weight and high strength are necessary.

High Density Polyethylene (HDPE)

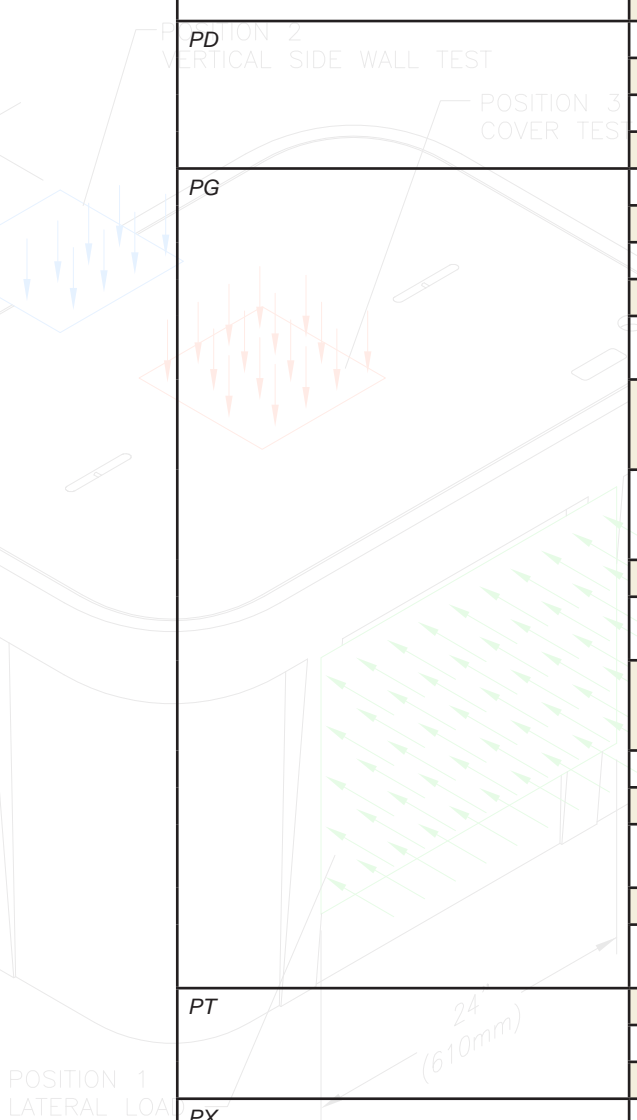


10"
(254mm)
SQUARE

Quazite: Available Size Chart

INTRODUCTION

Style	Size	Depths	Assembly Load Rating Options	UL
PC	6x8	6 3/4	Tier 15	Yes
	8x8	12, 18	Tier 15	Yes
	8x18	7, 8	Tier 8, Tier 15	Yes
	11x18	12, 18	Tier 8	Yes
	12x12	12	Tier 8, Tier 15	Yes
	13x24	12	Tier 5	Yes
	17x30	12	Tier 5	Yes
PD	13x24	18, 26	Tier 8, Tier 15, Tier 22	Yes
	17x30	18, 26	Tier 8, Tier 15, Tier 22	Yes
	24x36	18, 26, 48	Tier 8, Tier 15, Tier 22	Yes
	30x48	24, 48	Tier 8, Tier 15, Tier 22	Yes
PG	11x18	12, 18	Tier 8, Tier 15, Tier 22	Yes
	11x20	12, 18	Tier 8, Tier 15, Tier 22	No
	13x24	12, 18, 24	Tier 8, Tier 15, Tier 22	Yes
	17x30	12, 18, 22, 24, 30	Tier 8, Tier 15, Tier 22	Yes
	24x24	24 (Extensions Available)	Tier 8, Tier 15, Tier 22	Yes
	24x36	18, 24, 30, 36, 42 (Extensions Available)	Tier 8, Tier 15, Tier 22	Yes
	30x48	18, 24, 36, 48 (Extensions Available)	Tier 8, Tier 15, Tier 22	Yes
	30x60	21, 30, 36	Tier 5, Tier 15, Tier 22	No
	36x36	36 (Extensions Available)	Tier 8, Tier 15, Tier 22	Yes
	36x60	19, 24, 31, 36 (Extensions Available)	Tier 5, Tier 15, Tier 22	No
	36x72	21, 36	Tier 5, Tier 15, Tier 22	No
	48x48	36, 48	Tier 5, Tier 15, Tier 22	No
	48x72	36, 48 (Extensions Available)	Tier 5, Tier 15, Tier 22	No
	48x78	27, 36	Design 12,000 lbs / Test 24,000 lbs	No
48x96	48 (Extensions Available)	Tier 5, Tier 15, Tier 22	No	
PT	10x15	18	Tier 8, Tier 15	No
	13x24	18	Tier 8, Tier 15	Yes
	17x30	18	Tier 8, Tier 15	Yes
PX	12x12	24	Tier 8, Tier 15	Yes
Median	5x16		Tier 8, Tier 15	No
	10x12		Tier 8, Tier 15	No
Round	27	36, 48	Tier 8, Tier 15, Tier 22	Yes
	39	18, 24, 36, 48, 72	Tier 8, Tier 15, Tier 22	Yes






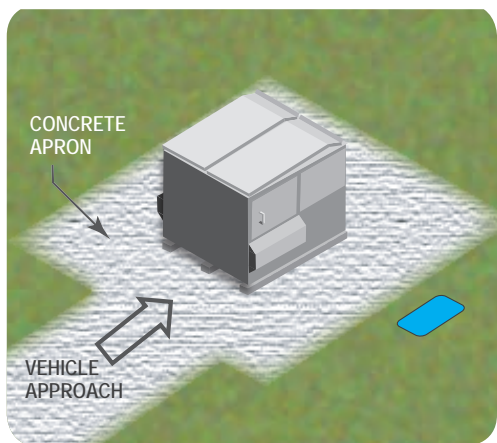
“ANSI Tier” Selection and Placement in Non-Deliberate Vehicular Traffic Applications

All load ratings are not the same

All Hubbell enclosures include load ratings either as a specified design load, or as a “Tier” rating that designates the achievement of a particular ANSI load rating level. Most Hubbell enclosures use the ANSI Tier rating system. However, some of the PenCell enclosures use the “K” rating system. More information on both of these ratings can be found in this catalog. If you have any questions, our engineering department is here to help.

The enclosures shown in these sketches have been color coded to indicate the proper Tier level required for the application.

-  Pedestrian/Tier 5
-  Tier 8
-  Tier 15 or 22



TRASH RECEPTACLE APPLICATION

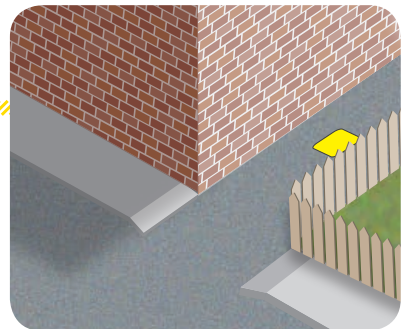
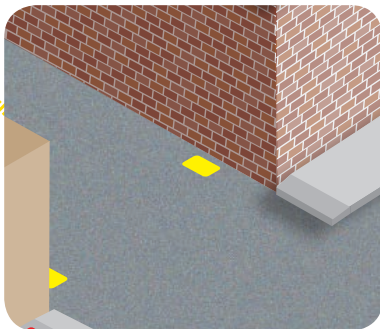
(NON-DELIBERATE TRAFFIC)

Where there is a trash receptacle, place the enclosure away from the concrete that the receptacle is set on. Even though the traffic expected on the receptacle's concrete apron is occasional, it is deliberate because the traffic is both intentional and heavy in nature. Correct placement will ensure the wheels of the truck will not roll over the enclosure.

DUAL LANE ALLEY

(NON-DELIBERATE TRAFFIC)

In a single lane alleyway, the enclosure should be placed in the center of the alleyway. This minimizes the possibility of the enclosure being run over. In a dual lane alleyway, the enclosure should be placed as close to the building as possible. Typically, two vehicles will not be in the alleyway at the same time, so chances of the enclosure being run over are minimal. Knowledge of the location and expected traffic patterns should be used to determine if traffic will be deliberate or non-deliberate.



RESIDENTIAL

(NON-DELIBERATE TRAFFIC)

Enclosures may be placed in grassy areas, sidewalks or in areas next to a structure or pole where it is unlikely a vehicle will run over it. Do not place enclosures in the street or driveway where traffic is anticipated and deliberate.



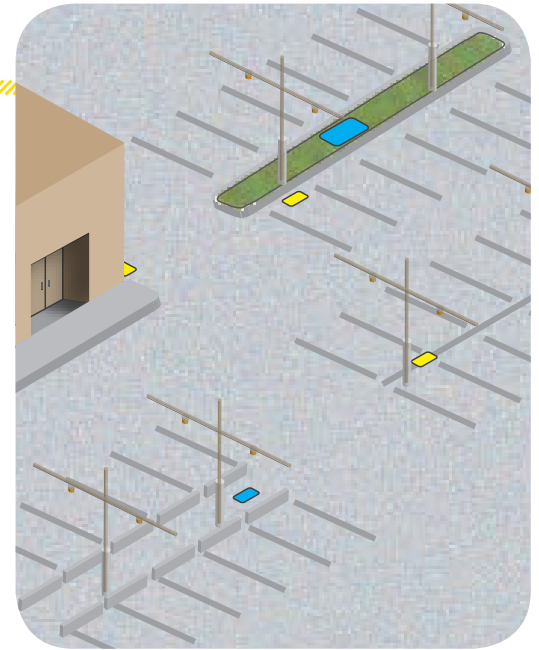
“ANSI Tier” Selection and Placement in Non-Deliberate Vehicular Traffic Applications

PARKING LOTS

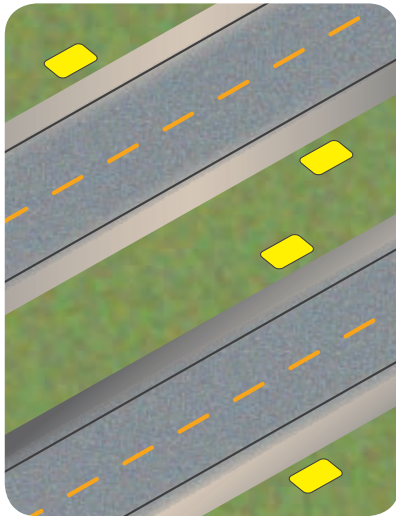
(NON-DELIBERATE TRAFFIC)

Enclosure applications:

- In the front center of a parking space so that vehicle tires will straddle the enclosure.
- In the grassy area where the parking lot ends.
- Alongside and close to the lighting poles.
- Between parking curbs where the possibility of running over the enclosure is remote.
- Along the building but not in front of a door or pick up area where vehicular traffic is expected.



INTRODUCTION



DIVIDED HIGHWAY

(NON-DELIBERATE TRAFFIC)

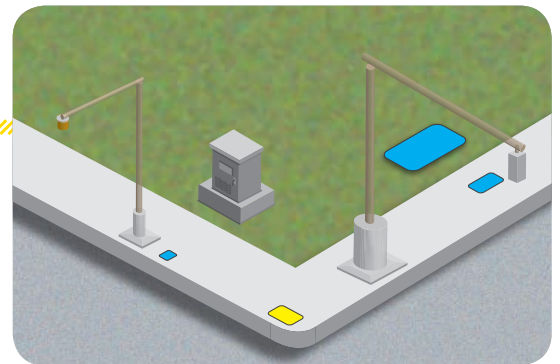
On a divided highway, place the enclosure in any area that is not paved and where deliberate traffic is not expected. They can be placed in the grassy median or off the shoulder of the highway.

NOTE: The paved shoulder of the highway is normally considered a deliberate traffic location because it may be used as a breakdown lane or as an actual traffic lane in times of construction. Therefore, an enclosure should never be placed in the paved shoulder of a road or in the road itself. The enclosure should be placed off the shoulder, in the grassy areas.

SIDEWAY & GRASSY AREA

(NON-DELIBERATE TRAFFIC)

An enclosure can be placed in any grassy area and in most sidewalks. However, an enclosure should not be placed in a sidewalk where a driveway crosses over the sidewalk.



ANSI/SCTE Tier Selection Guide

Load Ratings – Steadfast Reliability

Many Hubbell underground enclosures are designed to meet or exceed the load requirements set forth in the American National Standards Institute’s ANSI/SCTE 77 2013 “Specification for Underground Enclosure Integrity.” ANSI tier designations represent the minimum allowable load requirements in the industry to ensure underground enclosures are always secure and reliable.

The ANSI application tier number relates to a nominal design load multiplied by 1,000 pounds. For example, Tier 8 is 8 x 1,000 pounds, or 8,000 lbs. All ANSI tier loadings will have a corresponding test load, which is 50% greater than the design load. The maximum deflection at the indicated design load shall be a half-inch for vertical tests and a quarter-inch per foot of length for lateral tests.

Application Tiers & Static Vertical Wheel Load Ratings per ANSI/SCTE 77 2013 “Specification for Underground Enclosure Integrity”

NOTE — Quazite® products are not intended for use in deliberate traffic areas.

Application Tiers	Loading Requirements			UL Listed to meet ANSI 77 Requirements
Light Duty Pedestrian Traffic Only	Vertical	Test Load	13.3kN 3,000 lbs.	
Tier 5 Sidewalk applications with a safety factor for occasional non-deliberate vehicular traffic	Vertical	Design Load Test Load	22.2 kN 33.3 kN 5,000 lbs. 7,500 lbs.	PC 13"x24" or PC 17"x30" style enclosure and cover assemblies with standard covers (CA) and standard covers w/o bolts (WA) .
	Lateral	Design Load Test Load	28.7 kPa 43.1 kPa 600 lbs./sq. ft. 900 lbs./sq. ft.	
TIER 8 Sidewalk applications with a safety factor for non-deliberate vehicular traffic	Vertical	Design Load Test Load	35.6 kN 53.4 kN 8000 lbs. 12,000 lbs.	PG and PT style enclosure and cover assemblies up to 30"x 48" and PC style in sizes 6"x 8", 8"x18", 11"x18" and 12"x12" with standard covers (CA) and standard covers w/o bolts (WA) .
	Lateral	Design Load Test Load	28.7 kPa 43.1 kPa 600 lbs./sq. ft. 900 lbs./sq. ft.	
TIER 15 Driveway, parking lot, and off-roadway applications subject to occasional non-deliberate heavy vehicular traffic	Vertical	Design Load Test Load	66.7 kN 100.1 kN 15,000 lbs. 22,500 lbs.	PG, PT and PC style enclosure and cover assemblies up to 30"x48" with heavy duty covers (HA) .
	Lateral	Design Load Test Load	38.3 kPa 57.5 kPa 800 lbs./sq. ft. 1,200 lbs./sq. ft.	
TIER 22 Driveway, parking lot, and off-roadway applications subject to occasional non-deliberate heavy vehicular traffic	Vertical	Design Load Test Load	100.1 kN 150.1 kN 22,500 lbs. 33,750 lbs.	PC, PD, PG and PT style enclosure and cover assemblies up to 30"x 48" with extra heavy duty covers (HH) .
	Lateral	Design Load Test Load	38.3 kPa 57.5 kPa 800 lbs./sq. ft. 1,200 lbs./sq. ft.	

AASHTO H-20
Deliberate vehicular traffic applications ONLY. Quazite® does not currently offer any enclosures for this application tier.

Certified precast concrete, cast iron or other AASHTO recognized materials.*

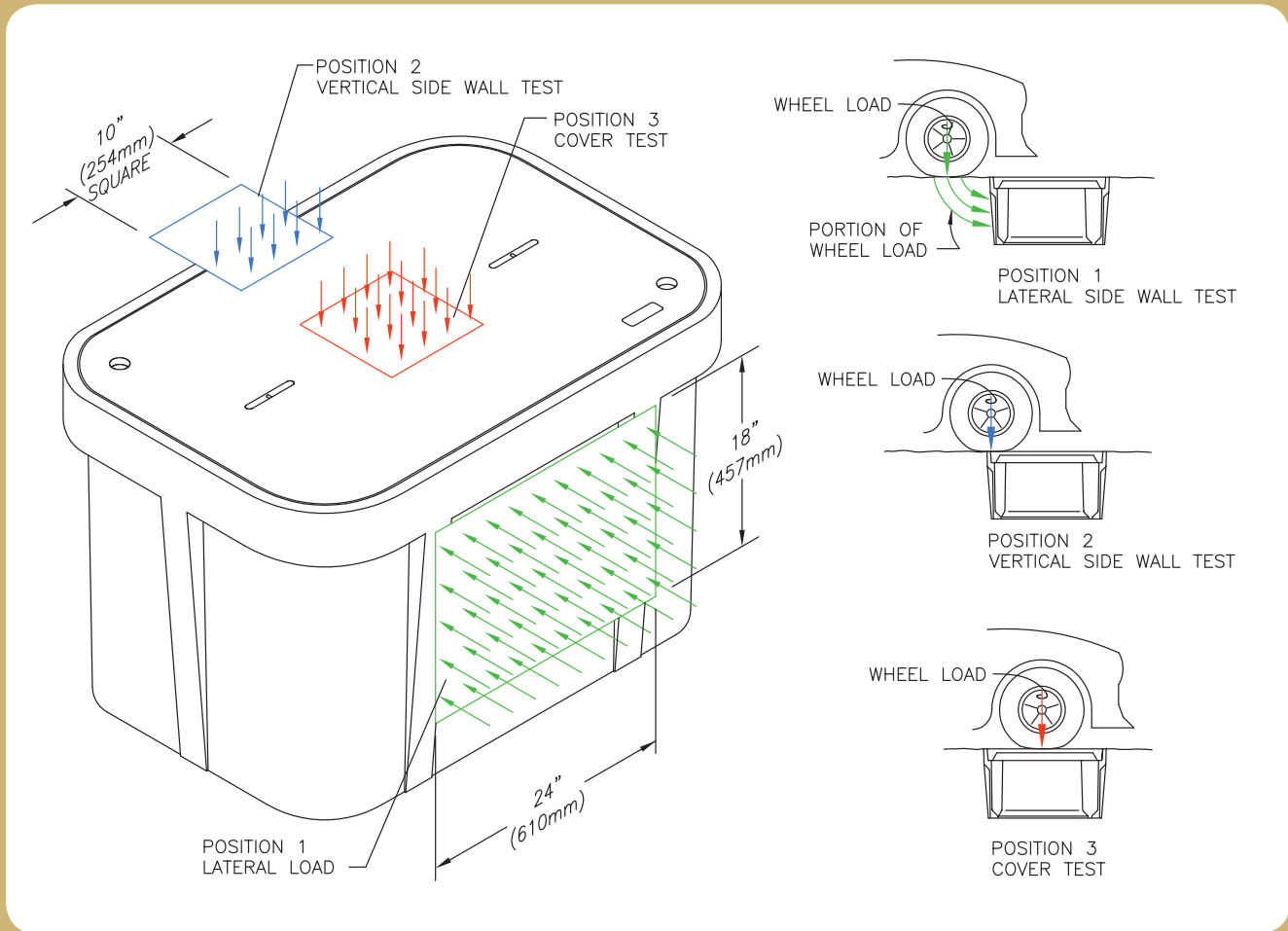
**There are no AASHTO design or test provisions for polymer composites. Therefore there is no recognized method of testing for qualification. Applying other material testing methods to polymer composites is not recognized by AASHTO. BUYER BEWARE!*



Three-Position Testing – Proven Endurance.

A key requirement outlined in ANSI/SCTE 77 2013 is three-position testing for enclosures. Three-position testing is a method to verify product performance, and is accomplished by test loading at three pre-designated critical points. Quazite products have been tested at each of the three positions and all have met or surpassed requirements.

- The latest copy of the standard may be purchased from ANSI. It may also be viewed in PDF form on SCTE's website at http://www.scte.org/documents/pdf/Standards/ANSI_SCTE%2077%202013.pdf



Quazite®

Hubbell maintains a large inventory of Quazite enclosures to serve your needs.



QUAZITE

1/2"
PULL

9 3/8"
(238)

ER LOGO —
QUAZITE
C STAINLE
OLT W/W CC

1/4"
(19)

ER LOGO —

QUAZITE LOGO —

.5 COEFFICIENT OF FRICTION



NEC & Underground Enclosures

The National Electric Code states in article 314.30 that enclosures "...shall be designed and installed to withstand all loads likely to be imposed..." and addresses issues related to enclosure size, wiring entries, enclosures without bottoms, and bonding requirements for covers. "

The code references the ANSI/SCTE 77 "Specification for Underground Enclosure Integrity" National Standard, which outlines various tests that enclosures must pass to meet the standard. ANSI/SCTE 77 also provides load charts with Tier ratings to help users determine the appropriate enclosure to select based on the loadings expected in the application.

Quazite® – UL-Listed to ANSI Standard.

All Quazite® polymer concrete enclosures meet or exceed the test provisions of ANSI/SCTE 77 2013, and most polymer concrete enclosures sized 30" x 48" and smaller are UL-Listed to the ANSI National Standard as referenced in the 2005, 2008, 2011 and 2014 NEC. To achieve this, Quazite® enclosures must pass numerous material and product performance tests before they can meet ANSI/SCTE 77 2013.

Testing Requirements for ANSI/SCTE 77 2013

- Three-Position Load Testing to simulate actual application performance
- UV Degradation per ASTM G-154
- Fire Resistance per RUS 7CFR 1755.910 (PE-91)
- Chemical Resistance per ASTM D-543
- Water Absorption per ASTM D-570
- Impact Resistance per ASTM D2444
- Accelerated service per ASTM D-756, procedure E

Note: Quazite® recommends testing by third party organizations such as UL or ETL to verify that enclosures meet all test provisions of ANSI/SCTE 77.

Quazite® – Peace of Mind.

Quazite® enclosures have undergone rigorous physical, environmental, and internal equipment-protection tests, and have been found by UL to meet the requirements required by the ANSI Standard. By adhering to the NEC, ANSI, and UL requirements, in the enclosure-selection process, users are ensured long service life. Quazite® enclosures offer not only improved manageability and cost-efficiency over other enclosures, but peace of mind as well.

*National Fire Protection Agency, 2005, 2008, 2011 and 2014
National Electric Code.*

Subsequent to the issuance of the 2005 NEC, ANSI approved an updated version of the standard, ANSI/SCTE 77 2013.

*The latest copy of the standard may be purchased from ANSI.
It may also be viewed in PDF form on SCTE's website at http://www.scte.org/documents/pdf/Standards/ANSI_SCTE%2077%202013.pdf*

Quazite Selection Guide

QUAZITE



Style Guide – Tailored Product Variety.

We offer a wide variety of box styles in order to meet your most specialized enclosure needs. Each style offers specific strengths and assets for diverse functionality

PG Style

Straight sides allow for easy adjustment of box should the grade level change. Used for a variety of purposes, such as a splice box, pull box, equipment enclosure, or for any application requiring easy access to an underground service. PG boxes are stackable for increased depth.



PC Style

Straight sides allow for easy adjustment of box should the grade level change. All PC boxes are stackable and are available with gasketing.



PX Style

PX Styles are excellent for service box assemblies and offer flared design to prevent frost heave. PX boxes are also nestable for compact storage.



PT Style

The flared design prevents frost heave, and covers are interchangeable with many precast concrete parts. PT boxes are also nestable for compact storage.



PD Style

These enclosures feature a 1 degree flare for maximum strength. Flared design optimizes internal volume and minimizes frost heave.

• PR Style

This polymer concrete round enclosure can prevent a cover from falling into the box.



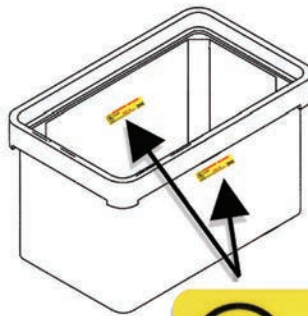
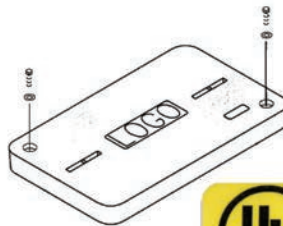
UL Listing

indicates UL Listing

UL Listed Enclosures

Determine if a UL listed enclosure is required for your installation. Federally funded electrical and telecom projects, as well as many state and municipal projects, generally require the use of a UL Listed product whenever one is available.

Most Quazite® polymer concrete underground handhole enclosures in sizes through 30" x 48" and smaller are agency listed. These products are clearly marked with the UL label on both the box and underneath the cover. Special order boxes with holes (or mouseholes, etc.) may qualify for UL listing as long as the holes do not exceed more than 25 percent of the area of each sidewall and as long as the holes do not cut into a structural reinforcing rib, corner, or box lip.



Highlighted areas indicate UL Listing

Quazite: Available Size Chart

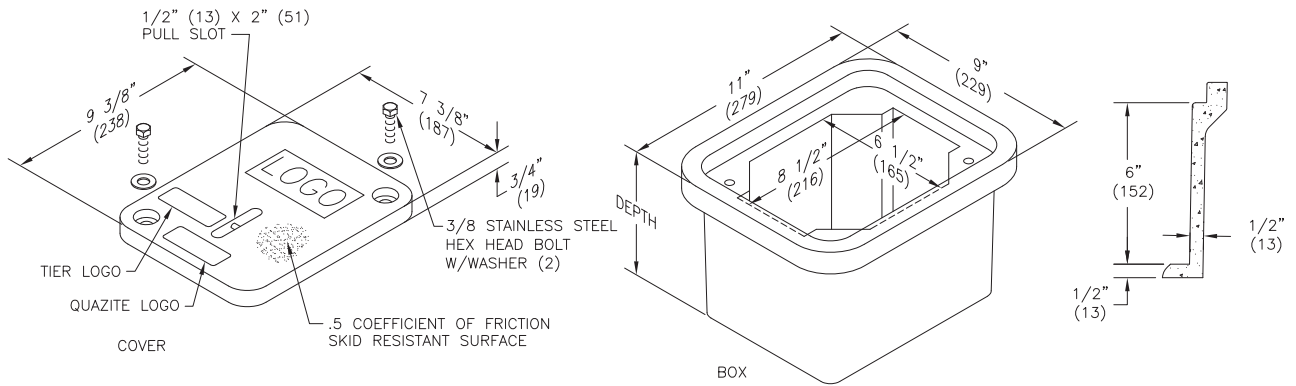
QUAZITE

Style	Size	Depths	Assembly Load Rating Options	UL
PC	6x8	6 3/4	Tier 15	Yes
	8x8	12, 18	Tier 15	Yes
	8x18	7, 8	Tier 8, Tier 15	Yes
	11x18	12, 18	Tier 8	Yes
	12x12	12	Tier 8, Tier 15	Yes
	13x24	12	Tier 5	Yes
	17x30	12	Tier 5	Yes
PD	13x24	18, 26	Tier 8, Tier 15, Tier 22	Yes
	17x30	18, 26	Tier 8, Tier 15, Tier 22	Yes
	24x36	18, 26, 48	Tier 8, Tier 15, Tier 22	Yes
	30x48	24, 48	Tier 8, Tier 15, Tier 22	Yes
PG	11x18	12, 18	Tier 8, Tier 15, Tier 22	Yes
	11x20	12, 18	Tier 8, Tier 15, Tier 22	No
	13x24	12, 18, 24	Tier 8, Tier 15, Tier 22	Yes
	17x30	12, 18, 22, 24, 30	Tier 8, Tier 15, Tier 22	Yes
	24x24	24 (Extensions Available)	Tier 8, Tier 15, Tier 22	Yes
	24x36	18, 24, 30, 36, 42 (Extensions Available)	Tier 8, Tier 15, Tier 22	Yes
	30x48	18, 24, 36, 48 (Extensions Available)	Tier 8, Tier 15, Tier 22	Yes
	30x60	21, 30, 36	Tier 5, Tier 15, Tier 22	No
	36x36	36 (Extensions Available)	Tier 8, Tier 15, Tier 22	Yes
	36x60	19, 24, 31, 36 (Extensions Available)	Tier 5, Tier 15, Tier 22	No
	36x72	21, 36	Tier 5, Tier 15, Tier 22	No
	48x48	36, 48	Tier 5, Tier 15, Tier 22	No
	48x72	36, 48 (Extensions Available)	Tier 5, Tier 15, Tier 22	No
	48x78	27, 36	Design 12,000 lbs / Test 24,000 lbs	No
	48x96	48 (Extensions Available)	Tier 5, Tier 15, Tier 22	No
PT	10x15	18	Tier 8, Tier 15	No
	13x24	18	Tier 8, Tier 15	Yes
	17x30	18	Tier 8, Tier 15	Yes
PX	12x12	24	Tier 8, Tier 15	Yes
Median	5x16		Tier 8, Tier 15	No
	10x12		Tier 8, Tier 15	No
Round	27	36, 48	Tier 8, Tier 15, Tier 22	Yes
	39	18, 24, 36, 48, 72	Tier 8, Tier 15, Tier 22	Yes

Dimensions / Data

6" x 8" PC Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	W/ 2 Bolts	15	15,000 / 22,500	4	40	PC0608HA00**
UL	Gasketed w/4 bolts	15	15,000 / 22,500	4	40	PC0608HG00**

Replace ** with a logo code found on page 60.

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	Standard Open Bottom	6 3/4"	15	15,000/22,500	14	160	PC0608BA06
UL	Solid Bottom	7 1/4"	15	15,000/22,500	15	160	PC0608DA06

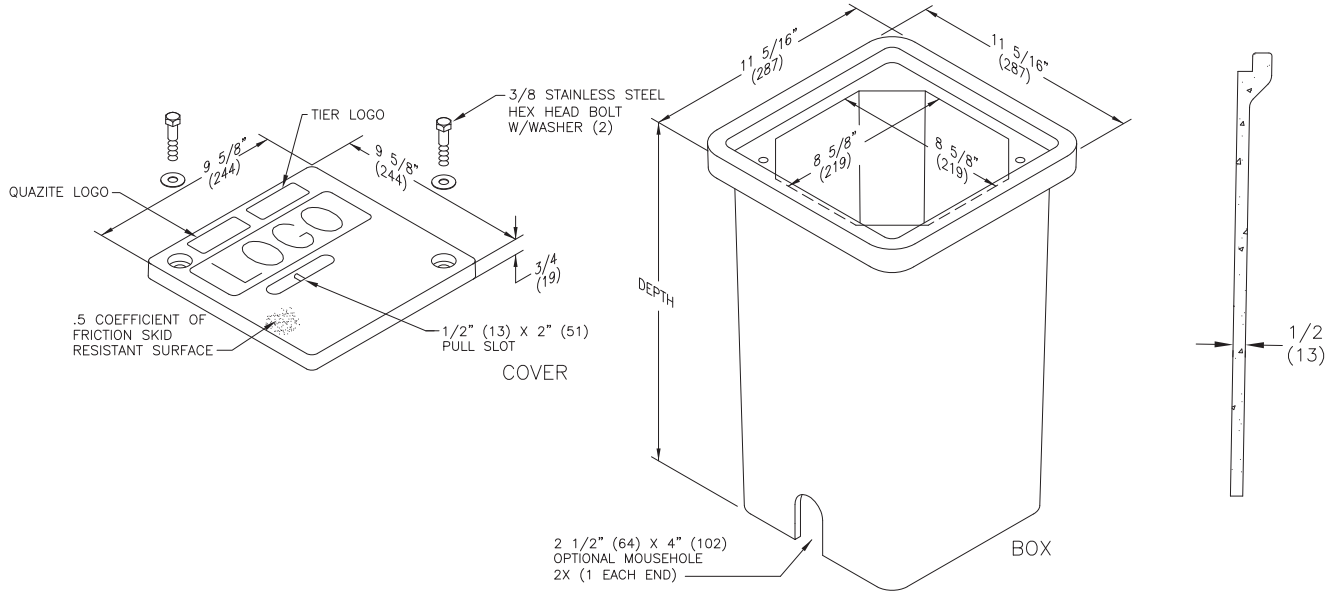
To order gasketed boxes, replace the letter "A" with the letter "G".

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Dimensions / Data

8" x 8" PC Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
	W/ 2 Bolts	15	15,000 / 22,500	6	36	PC0808HA00**
	Gasketed W/ 2 Bolts	15	15,000 / 22,500	6	36	PC0808HG00**

Replace ** with a logo code found on page 60.
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
	Standard Open Bottom	12"	15	15,000/22,500	25	36	PC0808BA12
		18"	15	15,000/22,500	36	24	PC0808BA18
	Solid Bottom	18 1/2"	15	15,000/22,500	42	24	PC0808DA18

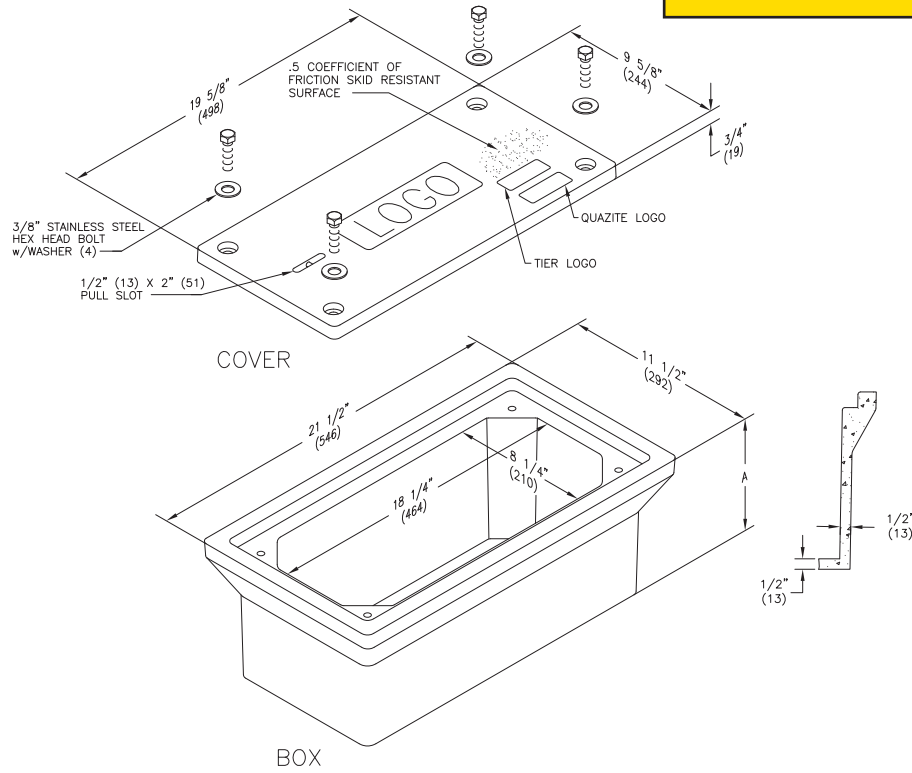
To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".
 To order gasketed boxes, replace the letter "A" with the letter "G".
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

QUAZITE

Dimensions / Data

8" x 18" PC Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
	W/ 4 Bolts	8	8,000 / 12,000	11	20	PC0818CA00**
	No Bolts	8	8,000 / 12,000	11	20	PC0818WA00**
	W/ 4 Bolts	15	15,000 / 22,500	11	20	PC0818HA00**

Replace ** with a logo code found on page 60.
 To order gasketed covers replace the letter "A" with the letter "G".
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
	Standard Open Bottom	7"	15	15,000/22,500	25	20	PC0818BA07
		8"	15	15,000/22,500	27	20	PC0818BA08
	Solid Bottom	7 1/2"	15	15,000/22,500	32	20	PC0818DA07
		8 1/2"	15	15,000/22,500	35	20	PC0818DA08

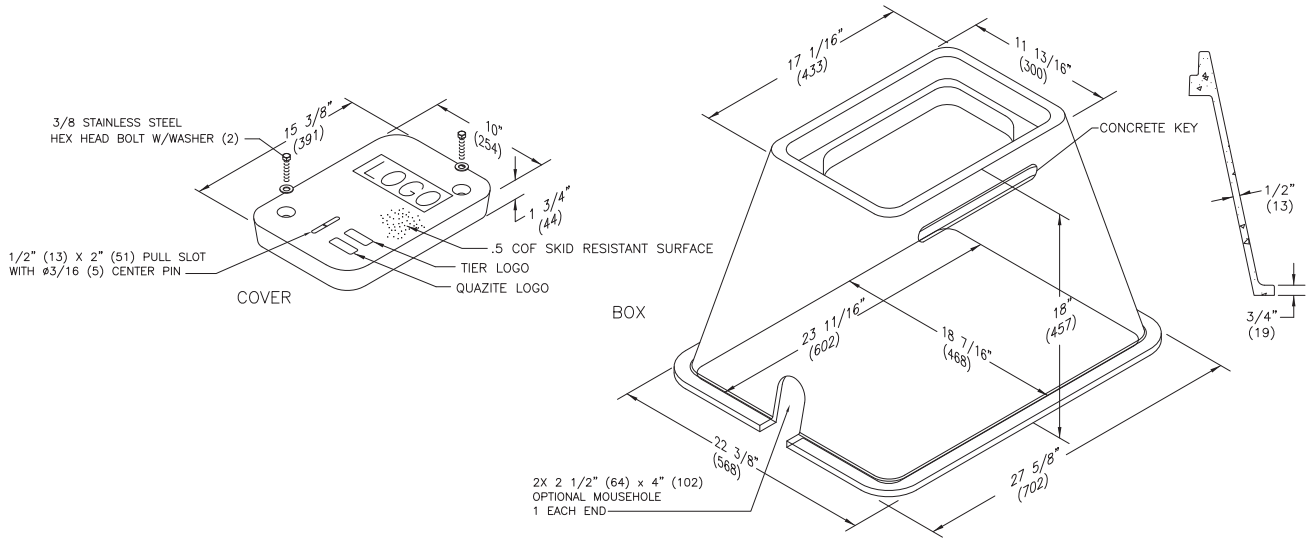
To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".
 To order gasketed boxes, replace the letter "A" with the letter "G".
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

QUAZITE

Dimensions / Data

10" x 15" PT Style Polymer Concrete (Nestable) Assembly

Hex Head Bolts are Standard



Covers

DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
W/ 2 Bolts	8	8,000 / 12,000	20	40	PG1015CA00**
W/ 2 Bolts	15	15,000 / 22,500	20	40	PG1015HA00**
No Bolts	8	8,000 / 12,000	20	40	PG1015WA00**

To order gasketed covers, replace the letter "A" with the letter "G".
 Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Standard Open Bottom	18"	15	15,000/22,500	70	5	PT1015BA18

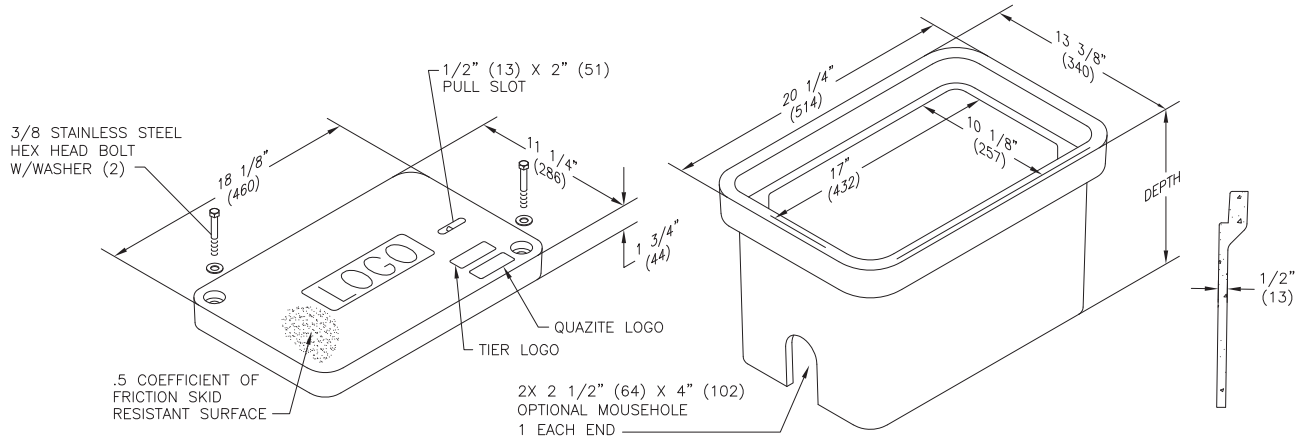
To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".
 To order gasketed boxes, replace the letter "A" with the letter "G".
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

QUAZITE

Dimensions / Data

11" x 18" PG Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	W/ 2 Bolts	8	8,000 / 12,000	27	40	PG1118CA00**
UL	W/ 2 Bolts	15	15,000 / 22,500	27	40	PG1118HA00**
UL	No Bolts	8	8,000 / 12,000	27	40	PG1118WA00**
UL	W/ 2 Bolts	22	22,500 / 33,750	27	40	PG1118HH00**

To order gasketed covers, replace the letter "A" with the letter "G".

Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	Standard Open Bottom	12"	22	22,500 / 33,750	40	30	PG1118BA12
UL		18"		22,500 / 33,750	53	24	PG1118BA18
UL	Solid Bottom	12 1/2"	22	22,500 / 33,750	43	30	PG1118DA12
UL		18 1/2"		22,500 / 33,750	60	24	PG1118DA18
UL	Footed Box	12 1/2"	22	22,500 / 33,750	41	30	PG1118JA12
UL		18 1/2"		22,500 / 33,750	55	24	PG1118JA18

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".

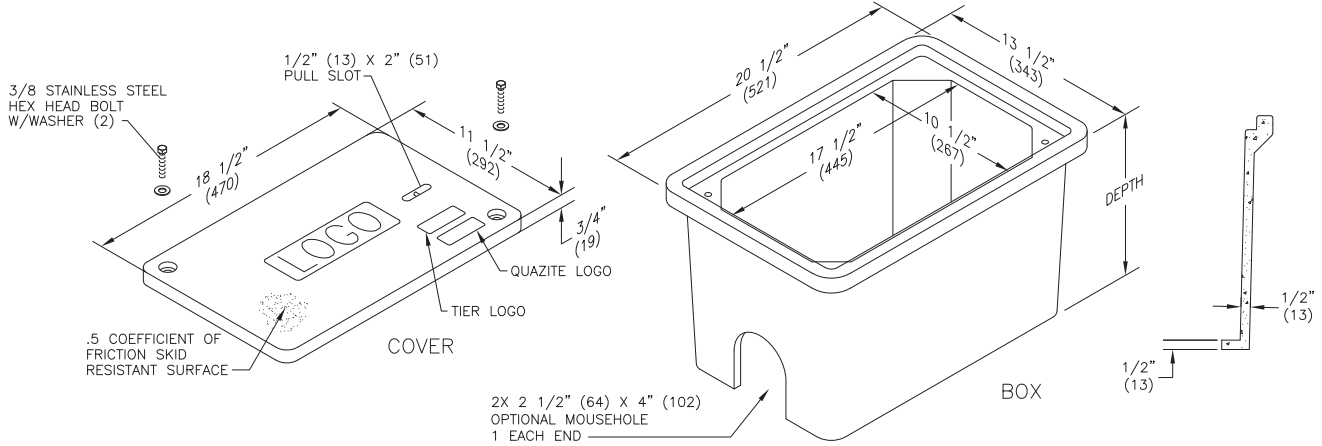
To order gasketed boxes, replace the letter "A" with the letter "G".

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Dimensions / Data

11" x 18" PC Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	W/ 2 Bolts	8	8,000 / 12,000	13	40	PC1118CA00**
UL	Gasketed W/ 4 Bolts	8	8,000 / 12,000	13	40	PC1118CG00**
UL	No Bolts	8	8,000 / 12,000	13	40	PC1118WA00**

Replace ** with a logo code found on page 60.

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	Std. Open Bottom	12"	15	15,000 / 22,500	37	24	PC1118BA12
UL		18"		15,000 / 22,500	53	30	PC1118BA18
UL	Solid Bottom	12 1/2"	15	15,000 / 22,500	45	24	PC1118DA12
UL		18 1/2"		15,000 / 22,500	60	30	PC1118DA18
UL	Footed Box	12 1/2"	15	15,000 / 22,500	37	24	PC1118JA12
UL		18 1/2"		15,000 / 22,500	56	30	PC1118JA18

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".

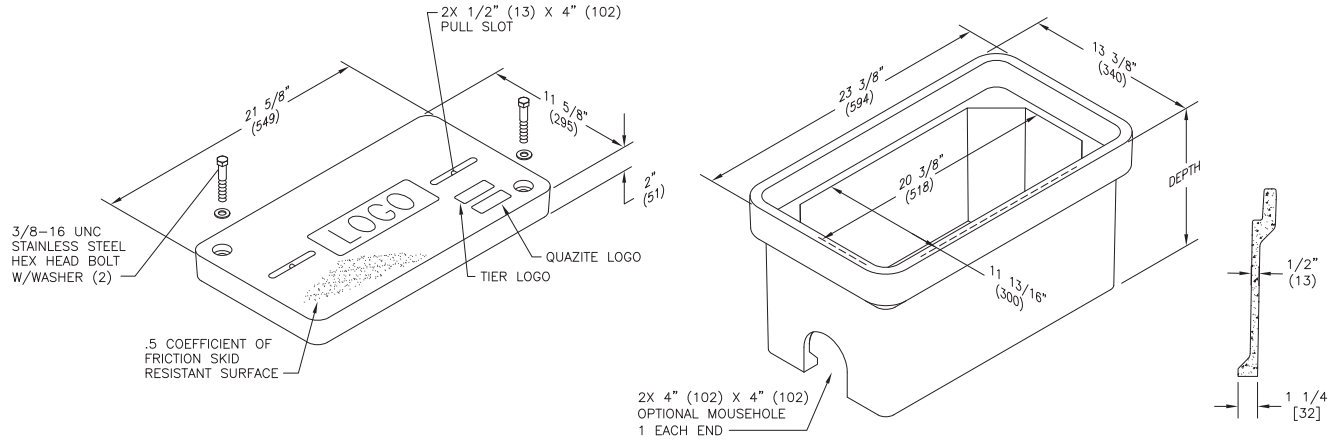
To order gasketed boxes, replace the letter "A" with the letter "G".

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Dimensions / Data

11" x 20" PG Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
W/ 2 Bolts	8	8,000 / 12,000	28	30	PG1120CA00**
W/ 2 Bolts	15	15,000 / 22,500	38	30	PG1120HA00**
No Bolts	8	8,000 / 12,000	28	30	PG1120WA00**
W/ 2 Bolts	22	22,500 / 33,750	38	30	PG1120HH00**

To order gasketed covers, replace the letter "A" with the letter "G".
 Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Standard Open Bottom	12"	22	22,500 / 33,750	50	20	PG1120BA12
	18"		22,500 / 33,750	69	16	PG1120BA18
Solid Bottom	12 1/2"	22	22,500 / 33,750	58	20	PG1120DA12
	18 1/2"		22,500 / 33,750	77	16	PG1120DA18

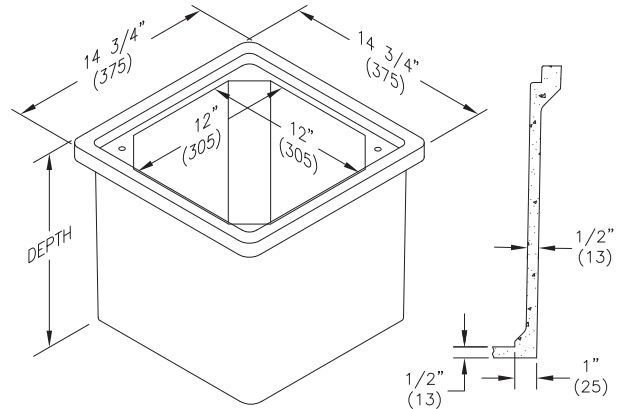
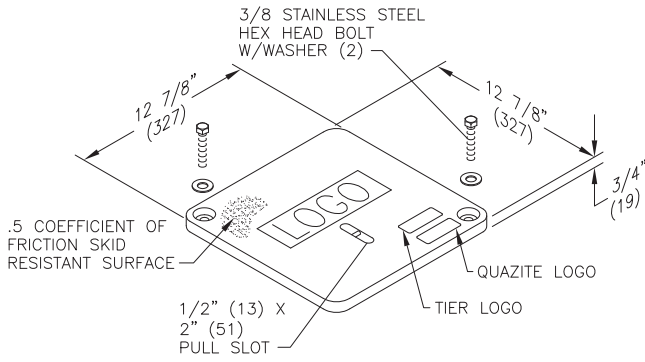
To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".
 To order gasketed boxes, replace the letter "A" with the letter "G".
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

QUAZITE

Dimensions / Data

12" x 12" PC Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	W/ 2 Bolts	8	8,000 / 12,000	12	60	PC1212CA00**
UL	W/ 2 Bolts	15	15,000 / 22,500	12	60	PC1212HA00**
UL	No Bolts	8	8,000 / 12,000	12	60	PC1212WA00**

To order gasketed covers, replace the letter "A" with the letter "G".

Gasketed covers are with 4 bolts.

Replace ** with a logo code found on page 60.

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	Standard Open Bottom	12"	15	15,000 / 22,500	36	30	PC1212BA12
UL	Solid Bottom	12 1/2"	15	15,000 / 22,500	41	30	PC1212DA12

To order gasketed boxes, replace the letter "A" with the letter "G".

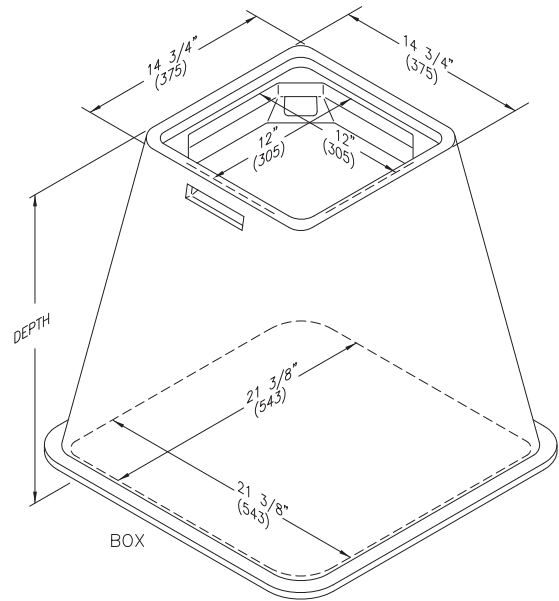
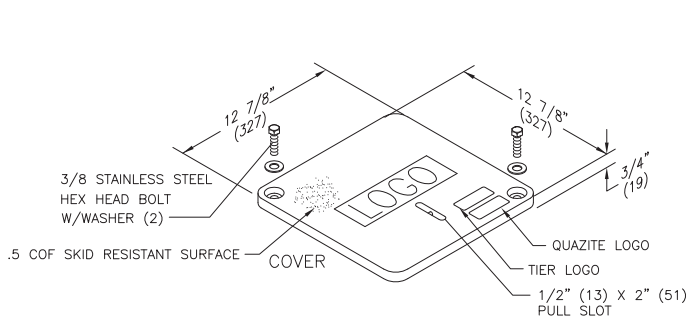
Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Dimensions / Data

12" x 12" PX Style Polymer Concrete (Nestable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
	W/ 2 Bolts	8	8,000 / 12,000	20	60	PC1212CA00**
	W/ 2 Bolts	15	15,000 / 22,500	20	60	PC1212HA00**
	No Bolts	8	8,000 / 12,000	20	60	PC1212WA00**

To order gasketed covers, replace the letter "A" with the letter "G".

Gasketed covers are with 4 bolts.

Replace ** with a logo code found on page 60.

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

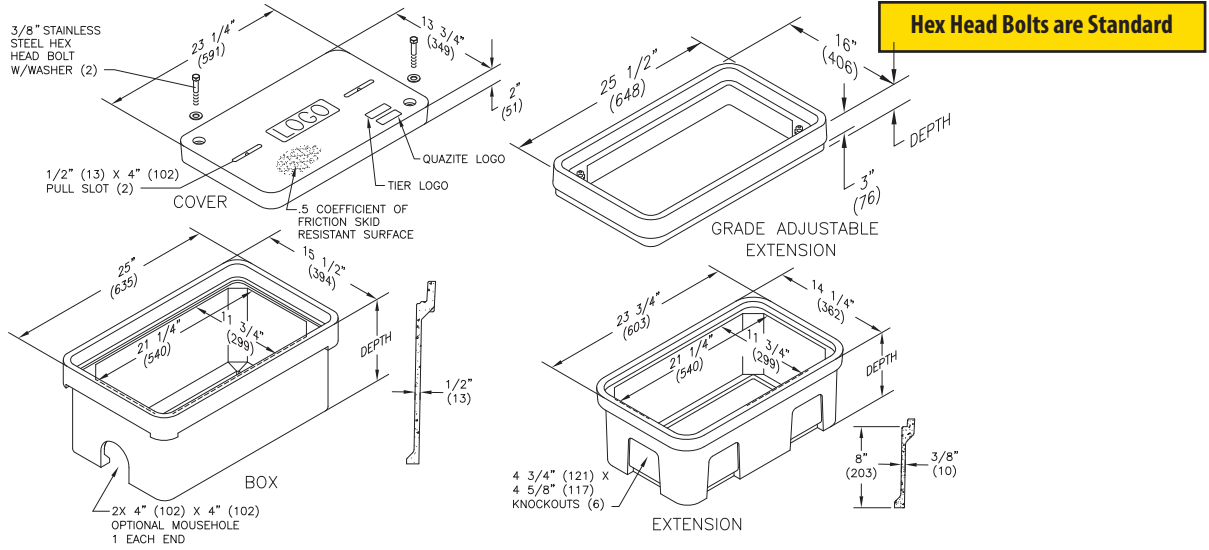
	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
	Standard Open Bottom	24"	15	15,000 / 22,500	85	5	PX1212BA24

To order gasketed boxes, replace the letter "A" with the letter "G".

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Dimensions / Data

13" x 24" PG Style Polymer Concrete (Stackable) Assembly



Hex Head Bolts are Standard

Covers

DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
W/ 2 Bolts	8	8,000 / 12,000	33	30	PG1324CA00**
W/ 2 Bolts	15	15,000 / 22,500	51	30	PG1324HA00**
W/ 2 Bolts	22	22,500 / 33,750	54	30	PG1324HH00**
No Bolts	8	8,000 / 12,000	33	30	PG1324WA00**

To order gasketed covers, replace the letter "A" with the letter "G".
 Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Standard Open Bottom	12"	22	22,500 / 33,700	53	20	PG1324BA12
	18"		22,500 / 33,700	72	16	PG1324BA18
	24"		22,500 / 33,700	91	12	PG1324BA24
Solid Bottom	12 1/2"	22	22,500 / 33,700	63	20	PG1324DA12
	18 1/2"		22,500 / 33,700	85	16	PG1324DA18
	24 1/2"		22,500 / 33,700	107	12	PG1324DA24

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".
 To order gasketed boxes, replace the letter "A" with the letter "G".

Extensions (for use under box only, one per box)

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
8" - Open Bottom	8 3/4"	22	22,500 / 33,750	25	24	PG1324EA08
8" - Solid Bottom	9 1/4"	22	22,500 / 33,750	35	24	PG1324RA08

Grade Adjustable Extension (for use on top of box only, one per box)

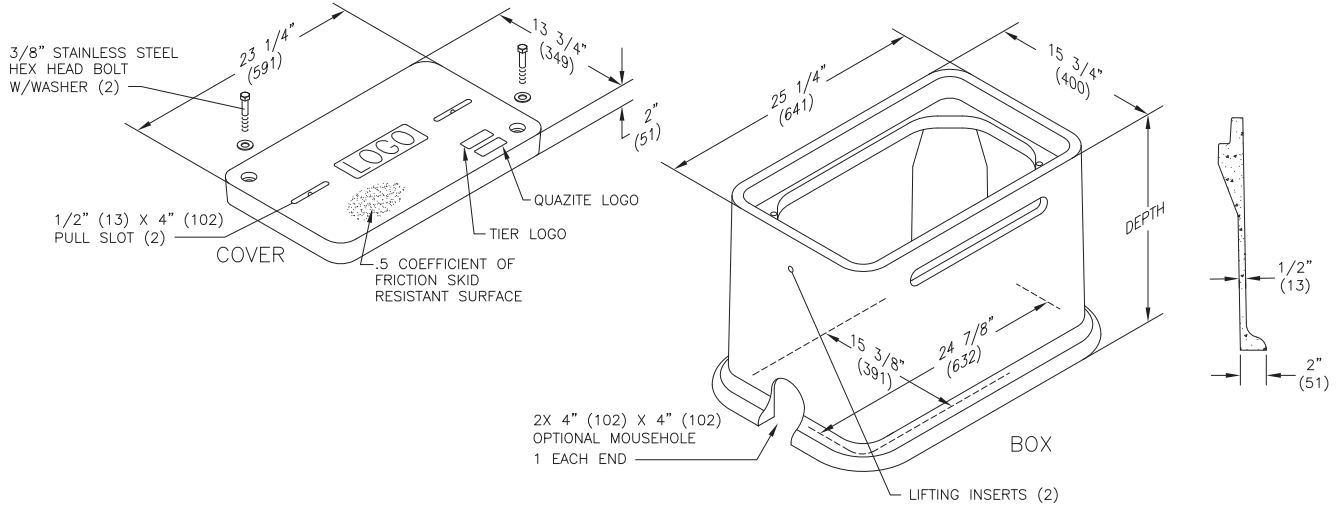
DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
3" Top Extension	5 1/8"	22	22,500 / 33,750	37	24	PG1324ED03

QUAZITE

Dimensions / Data

13" x 24" PD Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	W/ 2 Bolts	8	8,000 / 12,000	33	30	PG1324CA00**
UL	W/ 2 Bolts	15	15,000 / 22,500	51	30	PG1324HA00**
UL	W/ 2 Bolts	22	22,500 / 33,750	54	30	PG1324HH00**
UL	No Bolts	8	8,000 / 12,000	33	30	PG1324WA00**

Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.
To order gasketed covers, replace the letter "A" with the letter "G".

Boxes

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
	Standard Open Bottom	18"	22	22,500 / 33,750	104	4	PD1324BA18
	Open Bottom	26"	22	22,500 / 33,750	133	4	PD1324BA26

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".

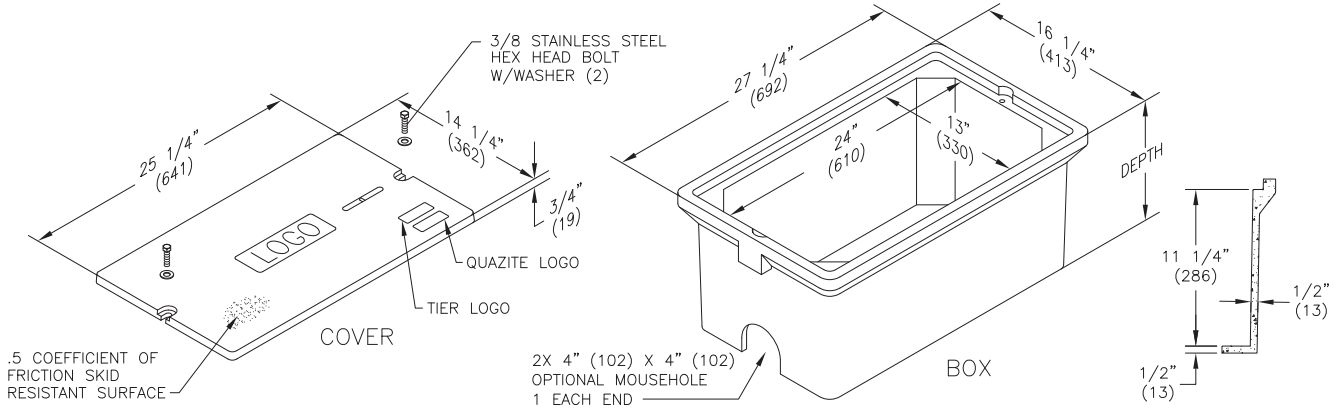
To order gasketed boxes, replace the letter "A" with the letter "G".

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Dimensions / Data

13" x 24" PC Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	W/ 2 Bolts	5	5,000 / 7,500	23	40	PC1324CA00**
UL	No Bolts	5	5,000 / 7,500	23	40	PC1324WA00**

To order gasketed covers, replace the letter "A" with the letter "G".

Replace ** with a logo code found on page 60.

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	Standard Open Bottom	12"	5	5,000 / 7,500	50	20	PC1324BA12
UL	Solid Bottom	12 1/2"	5	5,000 / 7,500	60	20	PC1324DA12
UL	Footed Box	12 1/2"	5	5,000 / 7,500	57	20	PC1324JA12

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".

To order gasketed boxes, replace the letter "A" with the letter "G".

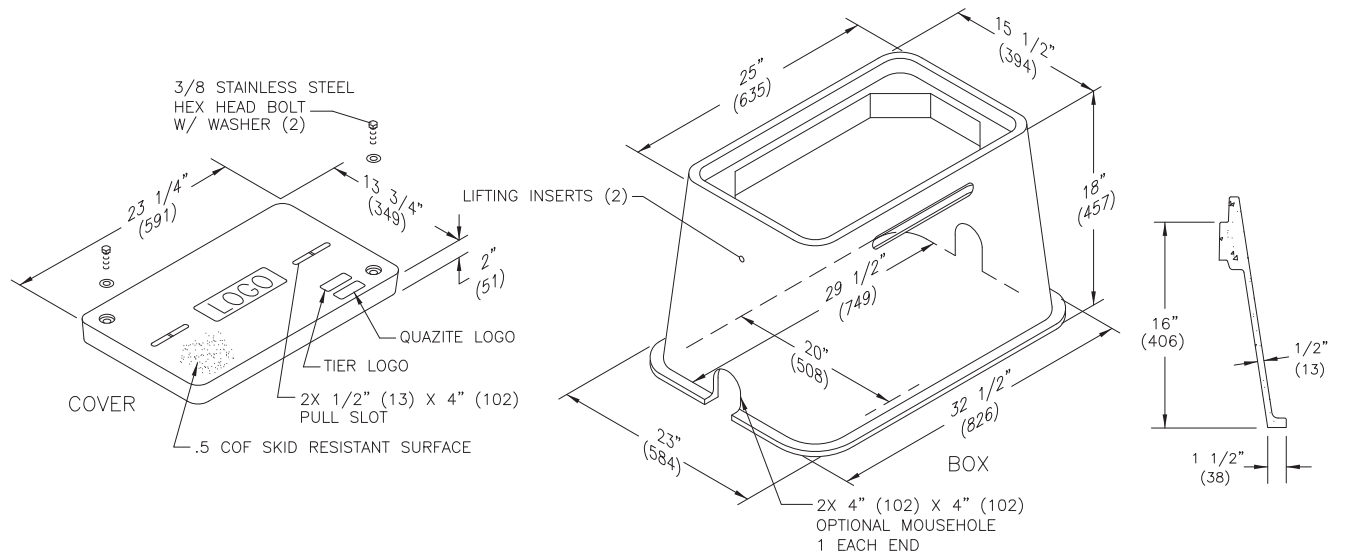
NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

QUAZITE

Dimensions / Data

13" x 24" PT Style Polymer Concrete (Nestable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	W/ 2 Bolts	8	8,000 / 12,000	32	30	PT1324CA00**
UL	W/ 2 Bolts	15	15,000 / 22,500	49	30	PT1324HA00**

To order gasketed covers, replace the letter "A" with the letter "G".
 Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	Standard Open Bottom	18"	15	15,000 / 22,500	97	5	PT1324BA18

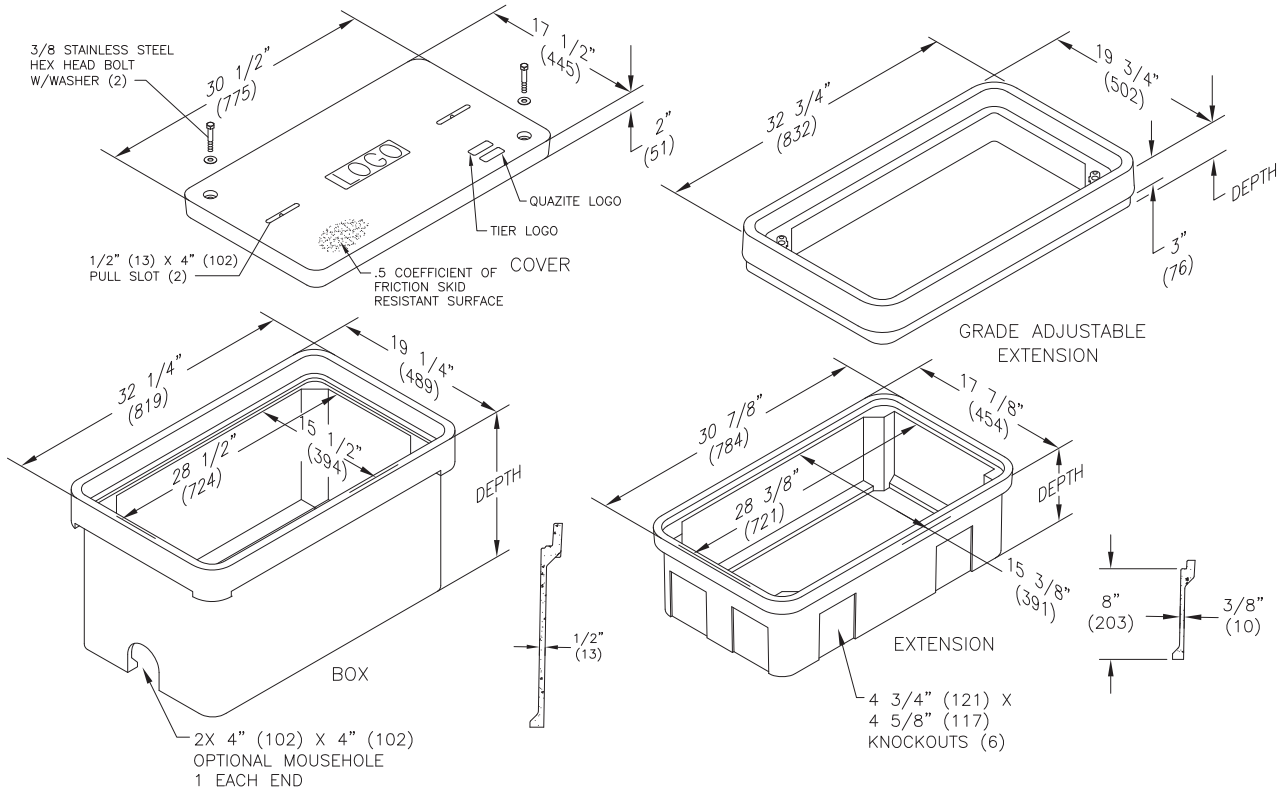
To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".
 To order gasketed boxes, replace the letter "A" with the letter "G".
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

QUAZITE

Dimensions / Data

17" x 30" PG Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	W/ 2 Bolts	8	8,000 / 12,000	52	20	PG1730CA00**
UL	W/ 2 Bolts	15	15,000 / 22,500	83	20	PG1730HA00**
UL	W/ 2 Bolts	22	22,500 / 33,750	83	20	PG1730HH00**
UL	No Bolts	8	8,000 / 12,000	52	20	PG1730WA00**

To order gasketed covers, replace the letter "A" with the letter "G".

Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

QUAZITE

Dimensions / Data 17" x 30" PG Style Polymer Concrete (Stackable) Assembly (Continued)

Hex Head Bolts are Standard

Boxes (Box depths 22" thru 30" must be used as bottom of any stack)

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
 Standard Open Bottom	12"	22	22,500 / 33,750	67	10	PG1730BA12
	18"		22,500 / 33,750	94	8	PG1730BA18
	22"		22,500 / 33,750	106	6	PG1730BA22
	24"		22,500 / 33,750	122	6	PG1730BA24
	30"		22,500 / 33,750	144	4	PG1730BA30
 Solid Bottom	12 1/2"	22	22,500 / 33,750	85	10	PG1730DA12
	18 1/2"		22,500 / 33,750	112	8	PG1730DA18
	22 1/2"		22,500 / 33,750	124	6	PG1730DA22
	24 1/2"		22,500 / 33,750	137	6	PG1730DA24
	30 1/2"		22,500 / 33,750	150	4	PG1730DA30

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".
 To order gasketed boxes, replace the letter "A" with the letter "G".
 NOTE: Gasketed cover and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Bottom Extensions (for use under 12" and 18" boxes only, one per box)

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Open bottom	8 3/4"	22	22,500 / 33,750	36	12	PG1730EA08
Solid bottom	9 1/4"	22	22,500 / 33,750	55	12	PG1730RA08

Grade Adjustable Extension (for use on top of box only, one per box)

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
3" Top extension	5 1/8"	22	22,500 / 33,750	48	12	PG1730ED03

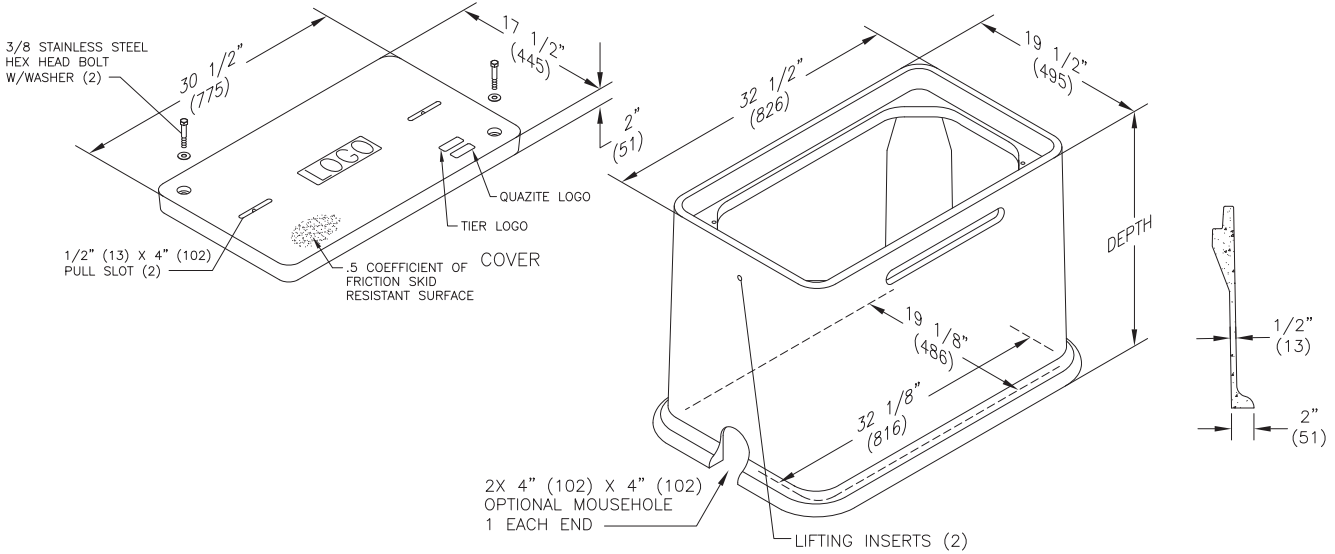
QUAZITE



Dimensions / Data

17" x 30" PD Style Polymer Concrete Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	W/ 2 Bolts	8	8,000 / 12,000	52	20	PG1730CA00**
UL	W/ 2 Bolts	15	15,000 / 22,500	83	20	PG1730HA00**
UL	W/ 2 Bolts	22	22,500 / 33,750	83	20	PG1730HH00**
UL	No Bolts	8	8,000 / 12,000	52	20	PG1730WA00**

To order gasketed covers, replace the letter "A" with the letter "G".
 Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.

Boxes

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	Standard Open Bottom	18"	22	22,500 / 33,750	129	4	PD1730BA18
UL	Open Bottom	26"	22	22,500 / 33,750	166	4	PD1730BA26

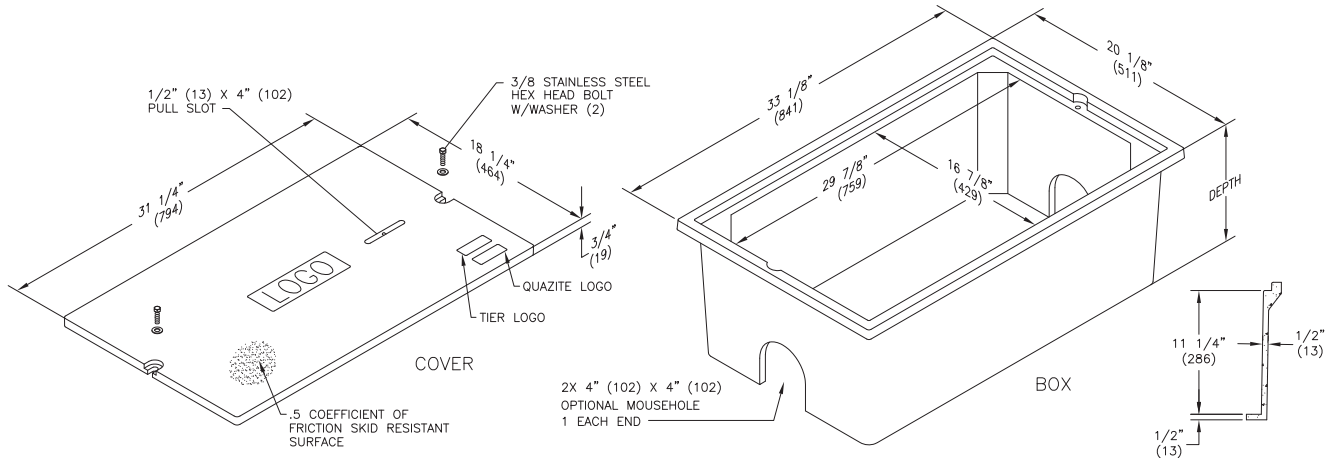
To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".
 To order gasketed boxes, replace the letter "A" with the letter "G".
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

QUAZITE

Dimensions / Data

17" x 30" PC Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
	W/ 2 Bolts	5	5,000 / 7,500	33	30	PC1730CA00**
	No Bolts	5	5,000 / 7,500	33	30	PC1730WA00**

To order gasketed covers, replace the letter "A" with the letter "G".

Replace ** with a logo code found on page 60.

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
	Standard Open Bottom	12"	5	5,000 / 7,500	58	10	PC1730BA12
	Solid Bottom	12 1/2"	5	5,000 / 7,500	83	10	PC1730DA12
	Footed Box	12 1/2"	5	5,000 / 7,500	67	10	PC1730JA12

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".

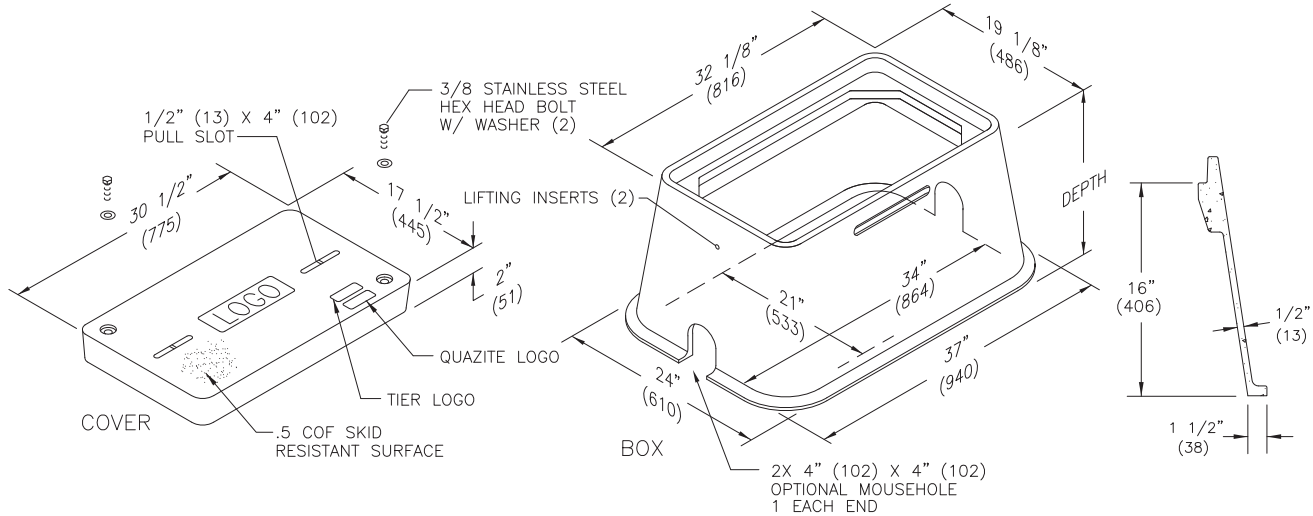
To order gasketed boxes, replace the letter "A" with the letter "G".

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Dimensions / Data

17" x 30" PT Style Polymer Concrete (Nestable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
	W/ 2 Bolts	8	8,000 / 12,000	52	20	PT1730CA00**
	W/ No Bolts	8	8,000 / 12,000	52	20	PT1730WA00**
	W/ 2 Bolts	15	15,000 / 22,500	83	20	PT1730HA00**

To order gasketed covers, replace the letter "A" with the letter "G".
 Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

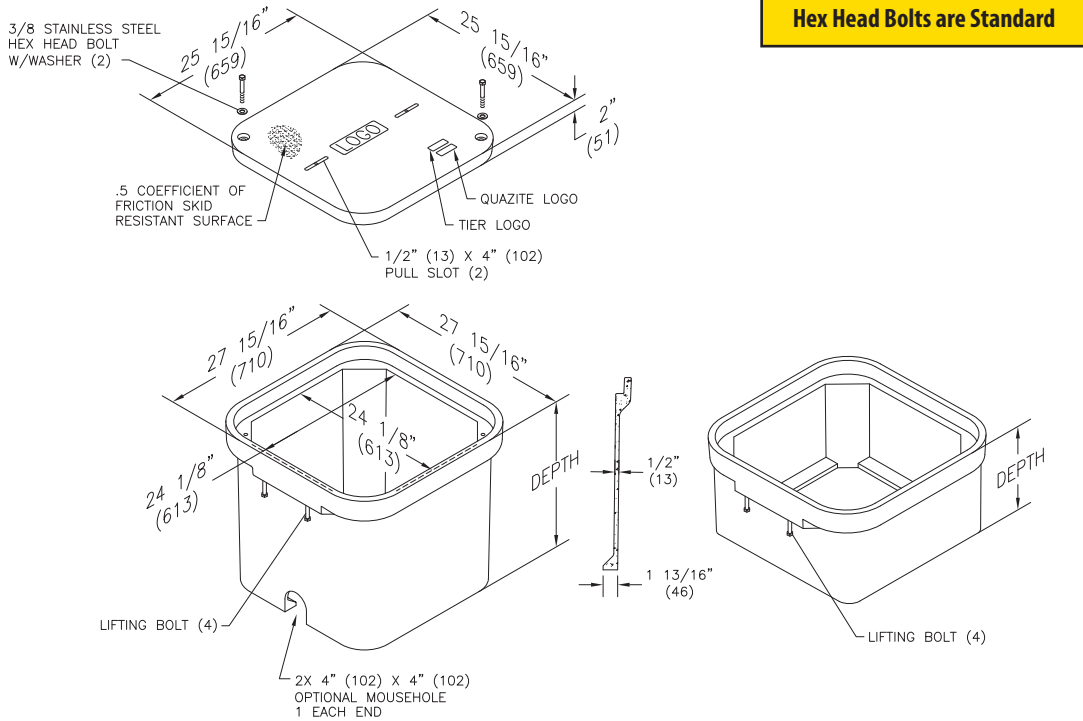
	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
	Standard Open Bottom	18"	15	15,000 / 22,500	126	5	PT1730BA18

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".
 To order gasketed boxes, replace the letter "A" with the letter "G".
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

QUAZITE

Dimensions / Data

24" x 24" PG Style Polymer Concrete (Stackable) Assembly



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	W/ 2 Bolts	8	8,000 / 12,000	70	10	PG2424CA00**
UL	W/ 2 Bolts	15	15,000 / 22,500	100	10	PG2424HA00**
UL	No Bolts	8	8,000 / 12,000	70	10	PG2424WA00**
UL	W/ 2 Bolts	22	22,500 / 33,750	100	10	PG2424HH00**

To order gasketed covers, replace the letter "A" with the letter "G".
 Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	Standard Open Bottom	24"	22	22,500 / 33,750	165	2	PG2424BA24
UL	Solid Bottom	24 1/2"	22	22,500 / 33,750	185	2	PG2424DA24

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".
 To order gasketed boxes, replace the letter "A" with the letter "G".
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

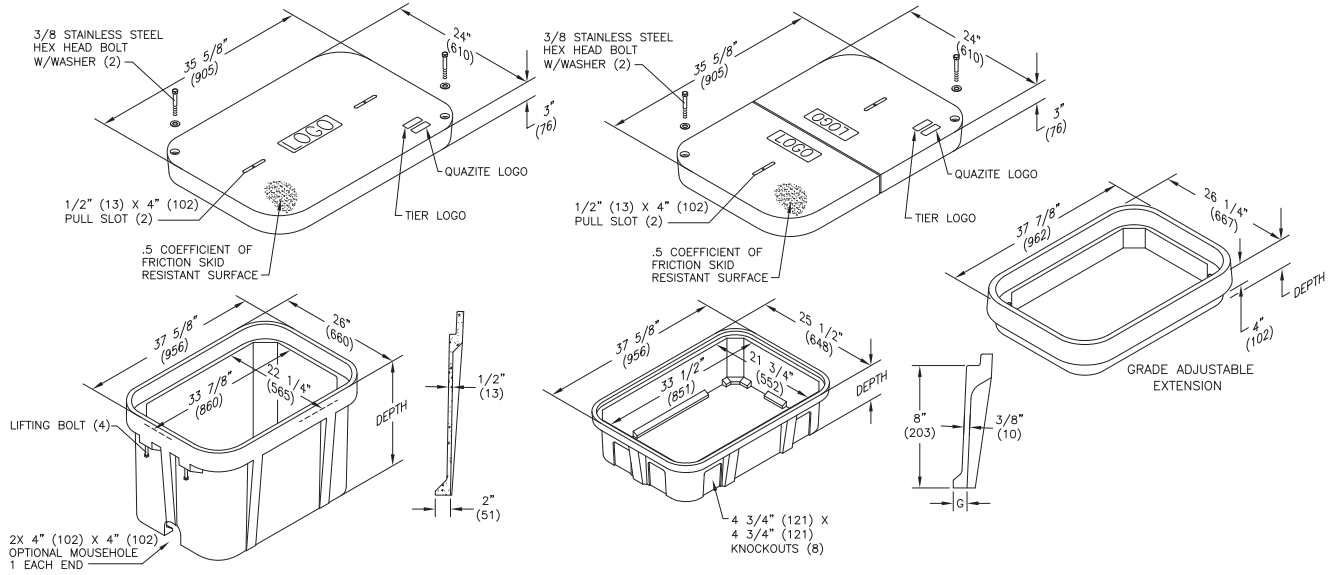
Extensions (Open bottom can be used as top or bottom, solid bottom is bottom extension only)

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
	Open Bottom	8"	22	22,500 / 33,750	71	8	PG2424EA06
	Open Bottom	14"	22	22,500 / 33,750	112	6	PG2424EA12
	Solid Bottom	8 1/2"	22	22,500 / 33,750	96	8	PG2424RA06
	Solid Bottom	14 1/2"	22	22,500 / 33,750	130	6	PG2424RA12

Dimensions / Data

24" x 36" PG Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	W/ 2 Bolts	8	8,000 / 12,000	100	10	PG2436CA00**
	2 piece w/2 Bolts	8	8,000 / 12,000	122	10	PG2436CS00**
UL	W/ 2 Bolts	15	15,000 / 22,500	115	10	PG2436HA00**
UL	2 piece w/2 Bolts	15	15,000 / 22,500	122	10	PG2436HS00**
UL	W/ 2 Bolts	22	22,500 / 33,750	122	10	PG2436HH00**
UL	No Bolts	8	8,000 / 12,000	100	10	PG2436WA00**

To order gasketed covers, replace the letter "A" with the letter "G".

Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Dimensions / Data 24" x 36" PG Style Polymer Concrete (Stackable) Assembly (Continued)

Hex Head Bolts are Standard

Boxes (Box depths 24" thru 42" must be used as bottom of any stack)

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
 	Standard Open Bottom	18"	22	22,500 / 33,750	141	4	PG2436BA18
		24"		22,500 / 33,750	180	3	PG2436BA24
		30"		22,500 / 33,750	196	2	PG2436BA30
		36"		22,500 / 33,750	254	2	PG2436BA36
		42"		22,500 / 33,750	293	1	PG2436BA42
 	Solid Bottom	18 1/2"	22	22,500 / 33,750	171	4	PG2436DA18
		24 1/2"		22,500 / 33,750	228	3	PG2436DA24
		30 1/2"		22,500 / 33,750	238	2	PG2436DA30
		36 1/2"		22,500 / 33,750	282	2	PG2436DA36
		42 1/2"		22,500 / 33,750	321	1	PG2436DA42

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".

To order gasketed boxes, replace the letter "A" with the letter "G".

NOTE: 24" thru 42" boxes must be used as bottom on any stack.

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Bottom Extensions (for use under 12" and 18" boxes only, one per box)

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Open bottom	8 3/4"	22	22,500 / 33,750	81	6	PG2436EA08
Solid bottom	9 1/4"	22	22,500 / 33,750	95	6	PG2436RA08

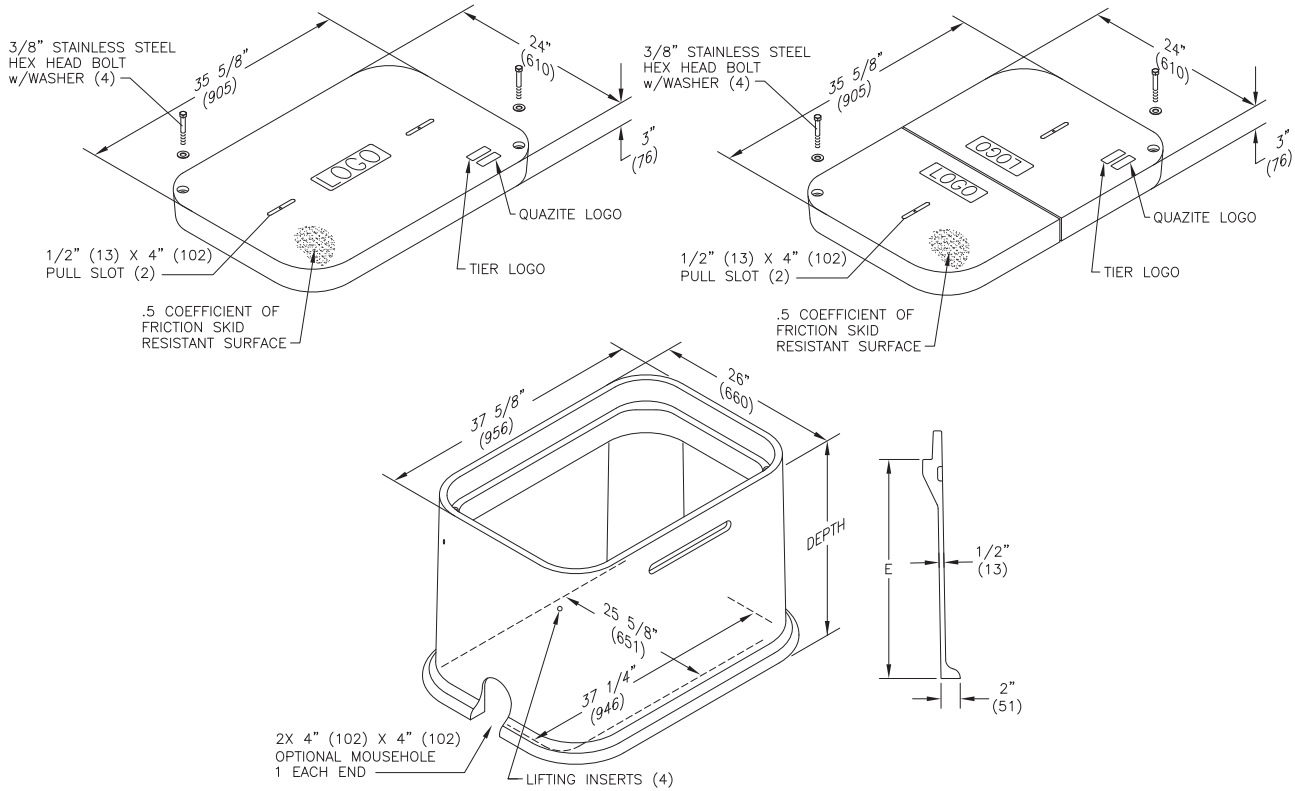
Grade Adjustable Extension

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
4" top extension, 1/2 thread	7 1/8"	22	22,500 / 33,750	80	6	PG2436ED04
4" top extension, 3/8 thread	7 1/8"	22	22,500 / 33,750	80	6	PG2436E503

Dimensions / Data

24" x 36" PD Style Polymer Concrete Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	W/ 2 Bolts	8	8,000 / 12,000	100	10	PG2436CA00**
	2 piece w/2 Bolts	8	8,000 / 12,000	122	10	PG2436CS00**
UL	W/ 2 Bolts	15	15,000 / 22,500	115	10	PG2436HA00**
UL	2 piece w/2 Bolts	15	15,000 / 22,500	122	10	PG2436HS00**
UL	W/ 2 Bolts	22	22,500 / 33,750	122	10	PG2436HH00**
UL	No Bolts	8	8,000 / 12,000	100	10	PG2436WA00**

To order gasketed covers, replace the letter "A" with the letter "G".
 Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	Standard Open Bottom	18"	22	22,500 / 33,750	159	2	PD2436BA18
UL		26"	22	22,500 / 33,750	199	2	PD2436BA26
		48"	22	22,500 / 33,750	313	1	PD2436BA48

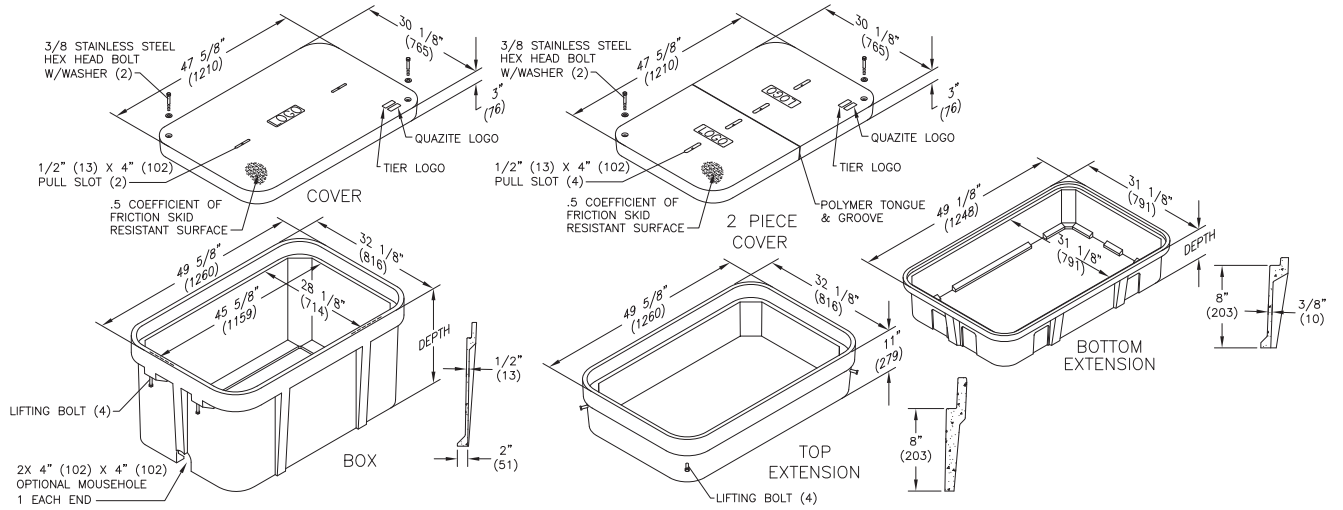
To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".
 To order gasketed boxes, replace the letter "A" with the letter "G".
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

QUAZITE

Dimensions / Data

30" x 48" PG Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	W/ 2 Bolts	8	8,000 / 12,000	159	10	PG3048CA00**
	2 piece w/2 Bolts	8	8,000 / 12,000	181	10	PG3048CS00**
UL	W/ 2 Bolts	15	15,000 / 22,500	206	10	PG3048HA00**
UL	2 piece w/2 Bolts	15	15,000 / 22,500	206	10	PG3048HS00**
UL	W/ 2 Bolts	22	22,500 / 33,750	220	10	PG3048HH00**
UL	No Bolts	8	8,000 / 12,000	159	10	PG3048WA00**







To order gasketed covers, replace the letter "A" with the letter "G".
 Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

QUAZITE

Dimensions / Data 30" x 48" PG Style Polymer Concrete (Stackable) Assembly (Continued)

Hex Head Bolts are Standard

Boxes (Box depths 24" thru 48" must be used as bottom of any stack)

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
   Standard Open Bottom	18"	22	22,500 / 33,750	185	4	PG3048BA18
	24"		22,500 / 33,750	236	3	PG3048BA24
	36"		22,500 / 33,750	343	2	PG3048BA36
	48"		22,500 / 33,750	450	1	PG3048BA48
   Solid Bottom	18 1/2"	22	22,500 / 33,750	220	4	PG3048DA18
	24 1/2"		22,500 / 33,750	287	3	PG3048DA24
	36 1/2"		22,500 / 33,750	394	2	PG3048DA36
	48"		22,500 / 33,750	501	1	PG3048DA48

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".
 To order gasketed boxes, replace the letter "A" with the letter "G".
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Top Extension

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Open bottom	11"	22	22,500 / 33,750	100	8	PG3048EA11

Bottom Extensions (for use under 18" box only, one per box)

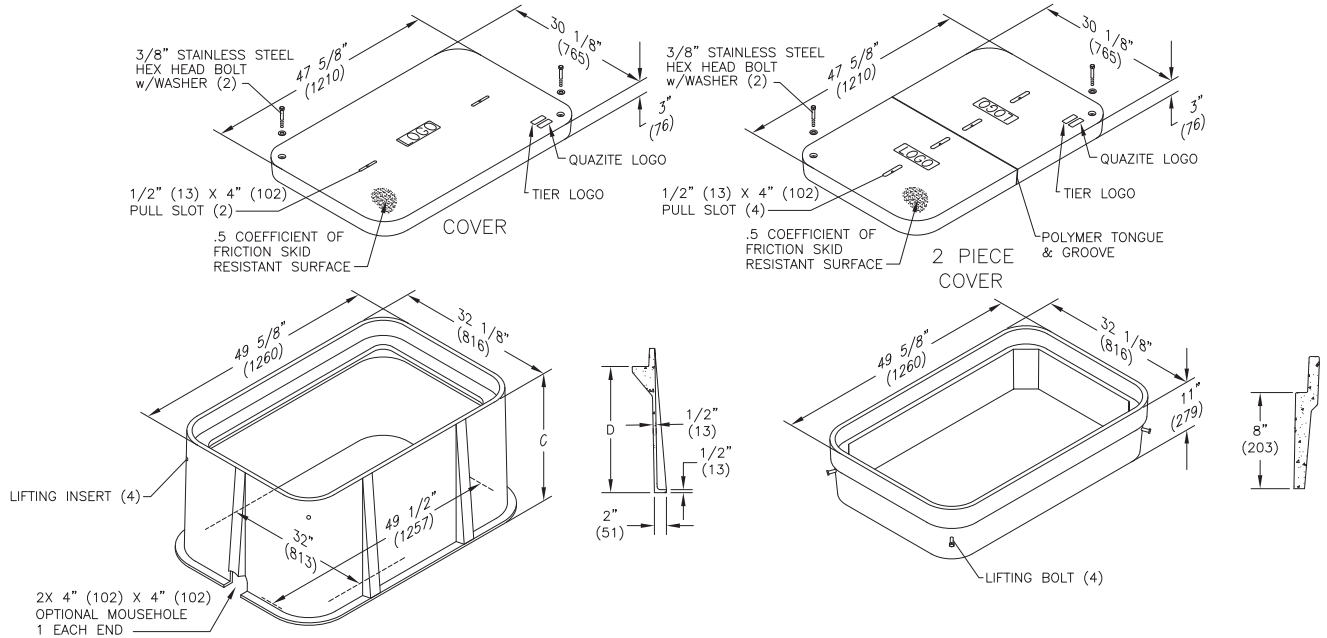
DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Open bottom	8 3/4"	22	22,500 / 33,750	102	8	PG3048EA08
Solid bottom	9 1/4"	22	22,500 / 33,750	151	8	PG3048RA08

QUAZITE

Dimensions / Data

30" x 48" PD Style Polymer Concrete (Nestable) Assembly

Hex Head Bolts are Standard



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
U _L	W/ 2 Bolts	8	8,000 / 12,000	159	10	PG3048CA00**
	2 piece w/2 Bolts	8	8,000 / 12,000	181	10	PG3048CS00**
U _L	W/ 2 Bolts	15	15,000 / 22,500	206	10	PG3048HA00**
U _L	2 piece w/2 Bolts	15	15,000 / 22,500	206	10	PG3048HS00**
U _L	W/ 2 Bolts	22	22,500 / 33,750	220	10	PG3048HH00**
U _L	No Bolts	8	8,000 / 12,000	159	10	PG3048WA00**

To order gasketed covers, replace the letter "A" with the letter "G".

Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
U _L	Standard Open Bottom	24"	22	22,500 / 33,750	286	2	PD3048BA24
U _L		48"	22	22,500 / 33,750	614	1	PD3048BA48

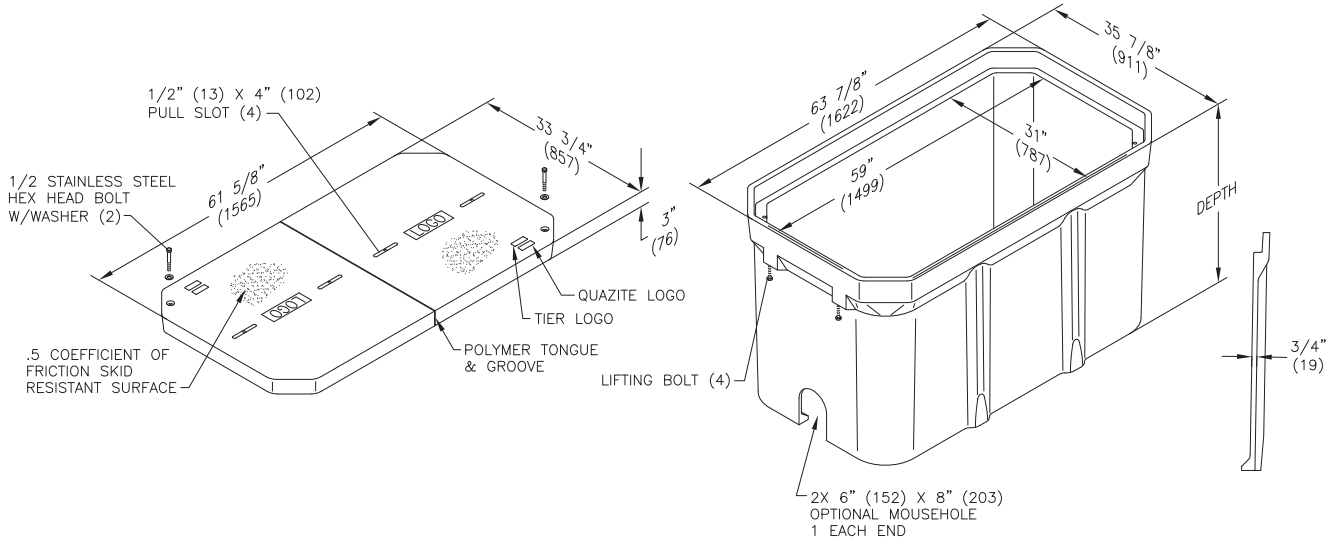
Top Extension

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
	Open bottom	11"	22	22,500 / 33,750	100	8	PG3048EA11

Dimensions / Data

30" x 60" PG Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Lightweight 2 Bolts	5	5,000 / 7,500	228	10	LG3060CA00**
W/ 2 Bolts	15	15,000 / 22,500	346	10	PG3060HA00**
W/ 2 Bolts	22	22,500 / 33,750	368	10	PG3060HH00**
Lightweight No bolts	5	5,000 / 7,500	228	10	LG3060WA00**

Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.

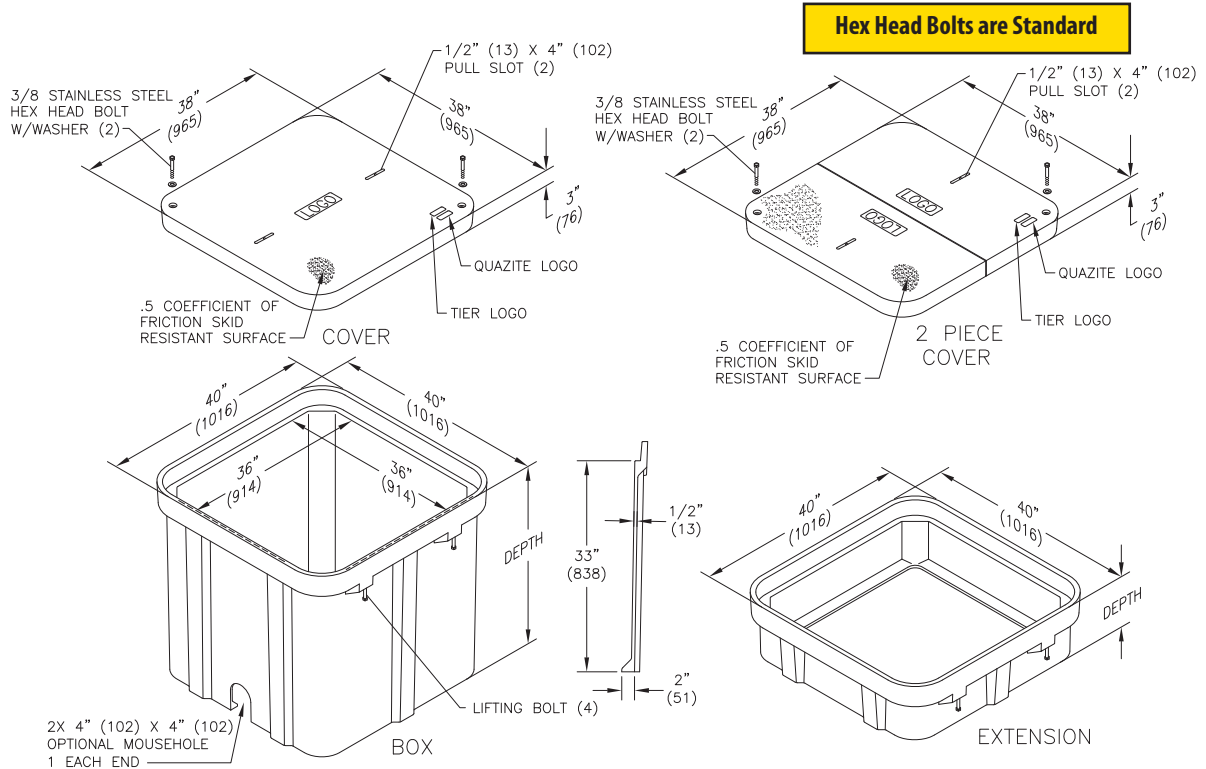
Boxes (Box depths 30" and 36" must be used as bottom of any stack)

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Standard Open Bottom	21"	22	22,500 / 33,750	350	4	PG3060BA21
	30"		22,500 / 33,750	492	3	PG3060BA30
	36"		22,500 / 33,750	565	2	PG3060BA36
Solid Bottom	21 1/2"	22	22,500 / 33,750	420	4	PG3060DA21
	30 1/2"		22,500 / 33,750	532	3	PG3060DA30
	36 1/2"		22,500 / 33,750	601	2	PG3060DA36

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".

Dimensions / Data

36" x 36" PG Style Polymer Concrete (Stackable) Assembly



Covers

	DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	W/ 2 Bolts	8	8,000 / 12,000	174	10	PG3636CA00**
	2 piece w/2 Bolts	8	8,000 / 12,000	220	10	PG3636CS00**
UL	W/ 2 Bolts	15	15,000 / 22,500	220	10	PG3636HA00**
UL	2 piece w/2 Bolts	15	15,000 / 22,500	220	10	PG3636HS00**
UL	W/ 2 Bolts	22	22,500 / 33,750	330	10	PG3636HH00**
UL	No Bolts	8	8,000 / 12,000	174	10	PG3636WA00**

To order gasketed covers, replace the letter "A" with the letter "G".

Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
UL	Standard Open Bottom	36"	22	22,500 / 33,750	367	2	PG3636BA36
UL	Solid Bottom	36 1/2"					

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".

To order gasketed boxes, replace the letter "A" with the letter "G".

NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

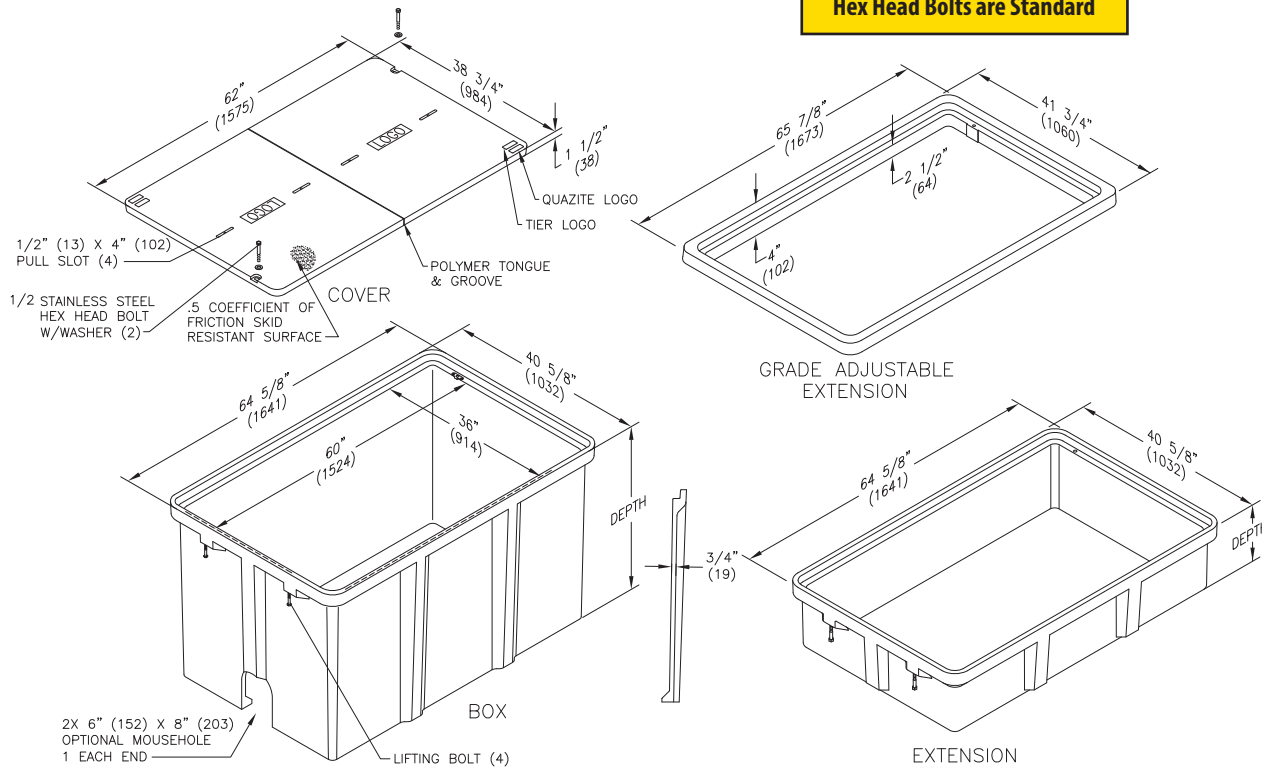
Top Extensions

	DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
	Open bottom	12"	22	22,500 / 33,750	129	6	PG3636EA12

Dimensions / Data

36" x 60" PG Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Lightweight 2 Bolts	5	5,000 / 7,500	222	10	LG3660CA00**
W/ 2 Bolts	15	15,000 / 22,500	384	10	PG3660HA00**
W/ 2 Bolts	22	22,500 / 33,750	470	10	PG3660HH00**
Lightweight No bolts	5	5,000 / 7,500	222	10	LG3660WA00**

Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.

Boxes (Box depths 31" and 36" must be used as bottom of any stack)

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Standard Open Bottom	19"	22	22,500 / 33,750	381	4	PG3660BA19
	24"		22,500 / 33,750	397	3	PG3660BA24
	31"		22,500 / 33,750	481	2	PG3660BA31
	36"		22,500 / 33,750	647	2	PG3660BA36
Solid Bottom	19 1/2"	22	22,500 / 33,750	479	4	PG3660DA19
	24 1/2"		22,500 / 33,750	495	3	PG3660DA24
	31 1/2"		22,500 / 33,750	590	2	PG3660DA31
	36 1/2"		22,500 / 33,750	738	2	PG3660DA36

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".

QUAZITE

Dimensions / Data 36" x 60" PG Style Polymer Concrete (Stackable) Assembly (Continued)

Grade Adjustable Extension

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Top extension	2 1/2"	22	22,500 / 33,750	116	6	PG3660ED03

Bottom Extensions

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Open bottom	11 1/2"	22	22,500 / 33,750	200	6	PG3660EA12

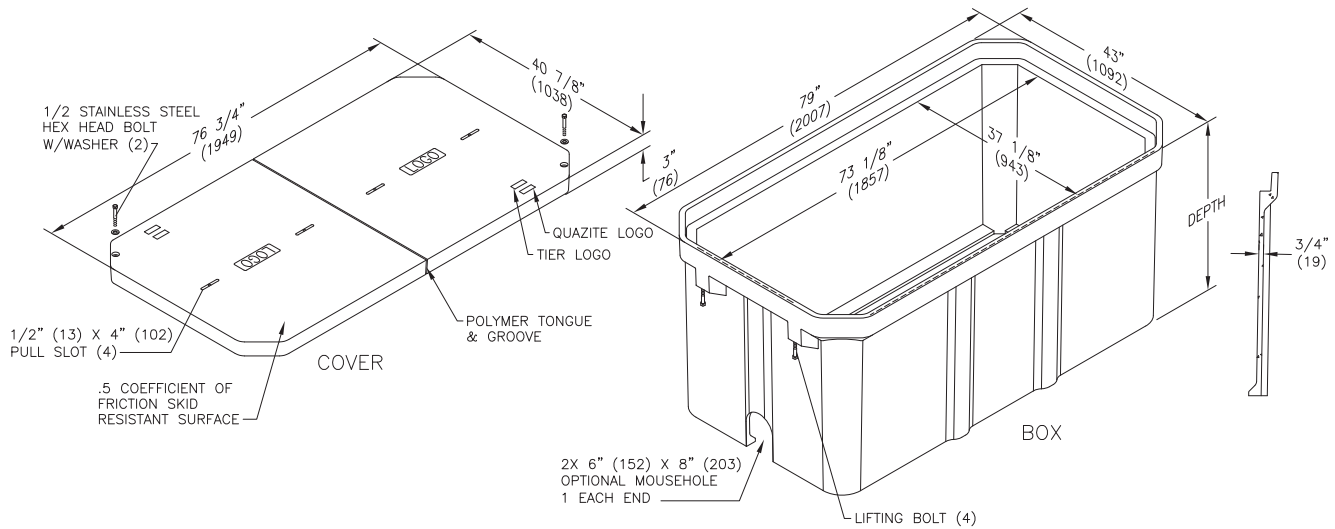


QUAZITE

Dimensions / Data

36" x 72" PG Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Lightweight 2 Bolts	5	5,000 / 7,500	310	10	LG3672CA00**
W/ 2 Bolts	15	15,000 / 22,500	488	10	PG3672HA00**
W/ 2 Bolts	22	22,500 / 33,750	544	10	PG3672HH00**
Lightweight No bolts	5	5,000 / 7,500	310	10	LG3672WA00**

Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.

Boxes (Box depth 36" must be used as bottom of any stack)

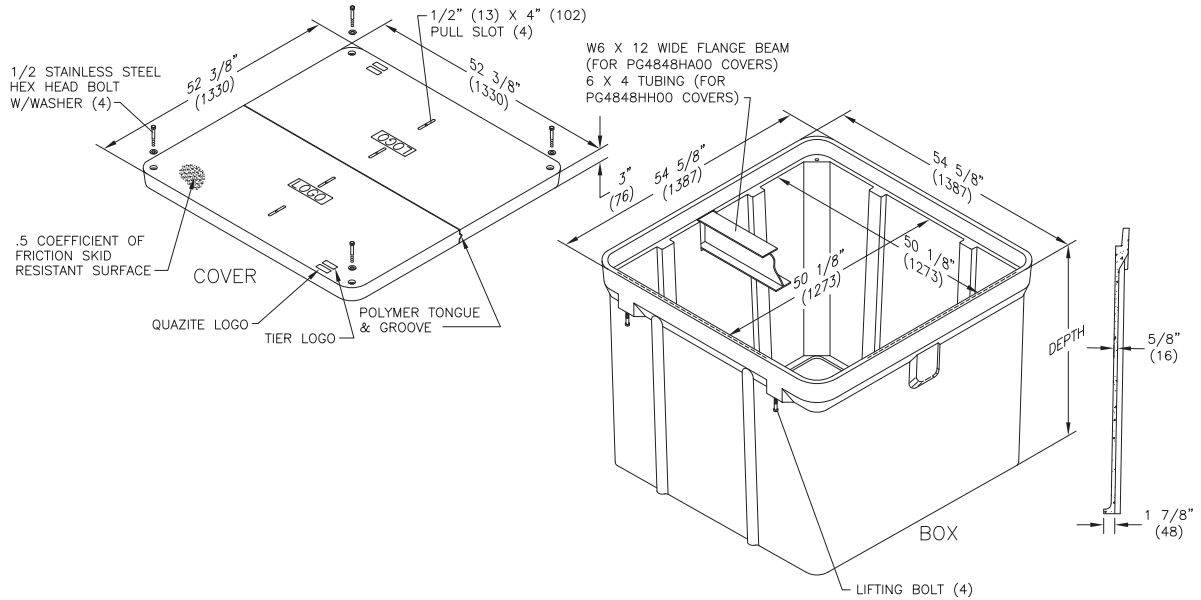
DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Standard Open Bottom	21"	22	22,500 / 33,750	448	3	PG3672BA21
	36"		22,500 / 33,750	768	2	PG3672BA36
Solid Bottom	21 1/2"	22	22,500 / 33,750	569	3	PG3672DA21
	36 1/2"		22,500 / 33,750	822	2	PG3672DA36

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".

Dimensions / Data

48" x 48" PG Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Lightweight 4 Bolts	5	5,000 / 7,500	286	10	LG4848CA00**
W/ 4 Bolts	15	15,000 / 22,500	364	10	PG4848HA00**
W/ 4 Bolts	22	22,500 / 33,750	596	10	PG4848HH00**
Lightweight No bolts	5	5,000 / 7,500	286	10	LG4848WA00**

Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.

Boxes

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Standard Open Bottom	36"	22	22,500 / 33,750	629	2	PG4848BA36
	48"		22,500 / 33,750	866	2	PG4848BA48
Solid Bottom	36 1/2"	22	22,500 / 33,750	663	2	PG4848DA36
	48 1/2"		22,500 / 33,750	940	2	PG4848DA48

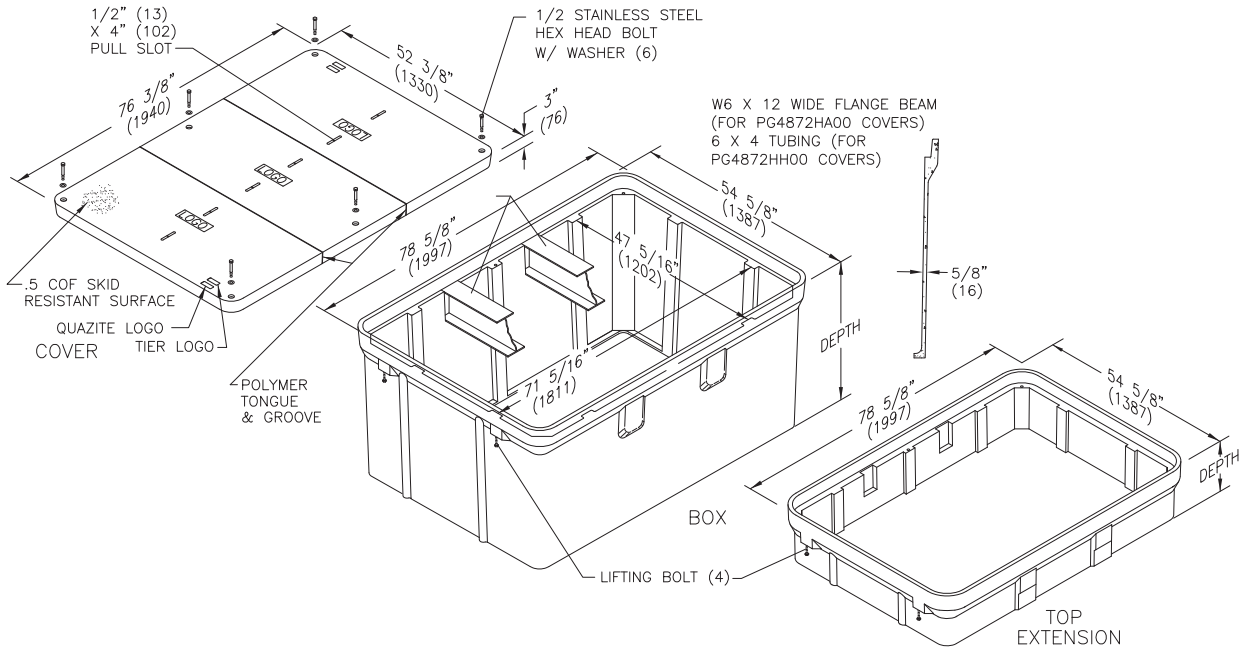
To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".

QUAZITE

Dimensions / Data

48" x 72" PG Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Lightweight 6 Bolts	5	5,000 / 7,500	447	2	LG4872CA00**
W/ 6 Bolts	15	15,000 / 22,500	573	2	PG4872HA00**
W/ 6 Bolts	22	22,500 / 33,750	891	2	PG4872HH00**
Lightweight No bolts	5	5,000 / 7,500	447	2	LG4872WA00**

Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.

Boxes

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Standard Open Bottom	36"	22	22,500 / 33,750	810	2	PG4872BA36
	48"		22,500 / 33,750	1050	1	PG4872BA48
Solid Bottom	36 1/2"	22	22,500 / 33,750	1065	2	PG4872DA36
	48 1/2"		22,500 / 33,750	1245	1	PG4872DA48

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".

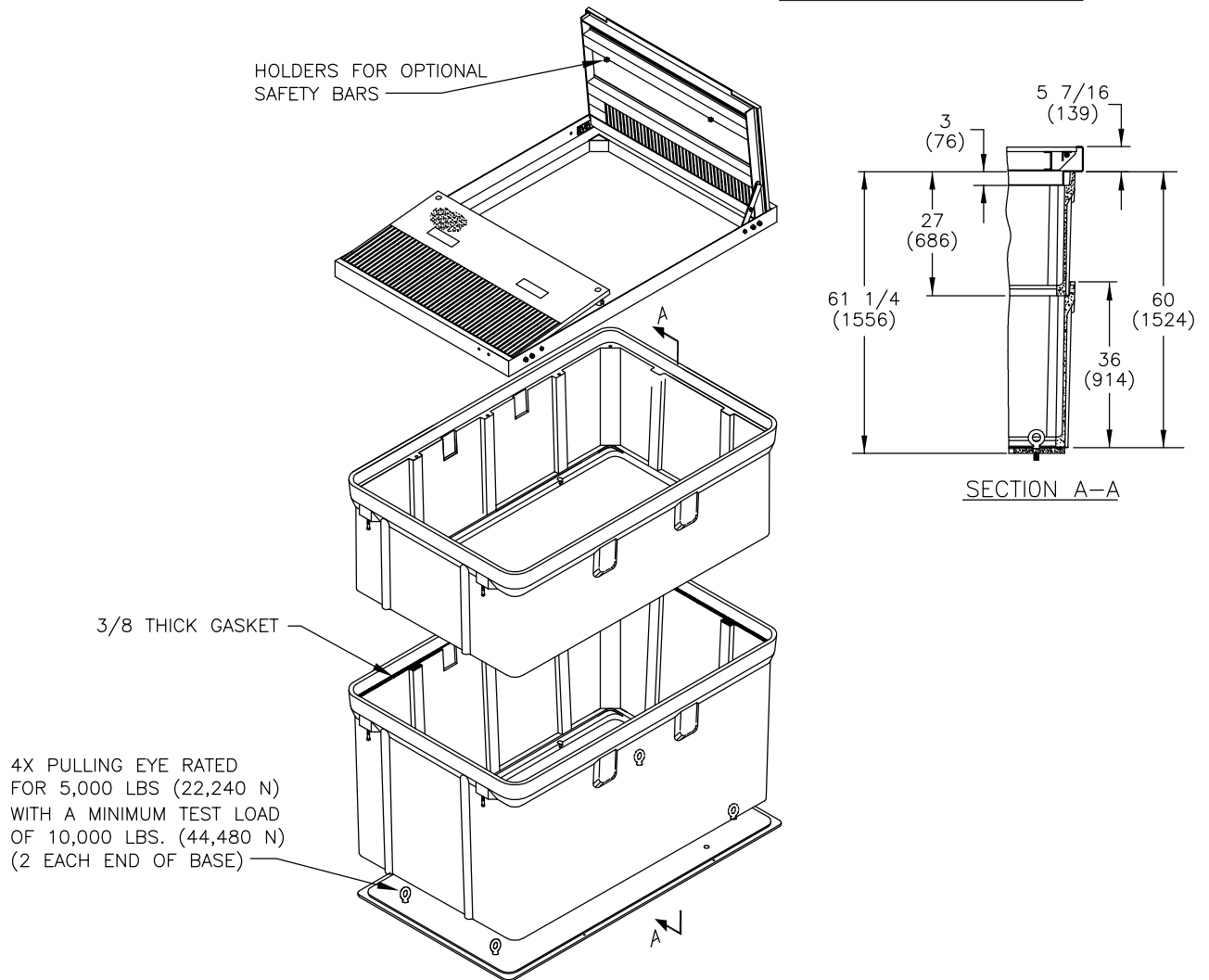
Top Extension

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Open Bottom, No beam provided	15"	22	22,500 / 33,750	359	5	PG4872EA12

Dimensions / Data

48" x 78" PG Style Polymer Concrete Assembly

Hex Head Bolts are Standard



QUAZITE

Covers

DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Torsion	N/A	12,000 / 24,000	622	10	PG4878CT00**

Replace ** with a logo code found on page 60.

Boxes (Box Depth 36" must be used as bottom of any stack)

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Standard Open Bottom	27"	22	22,500 / 33,750	867	1	PG4878BA27
	36	22	22,500 / 33,750	707	1	PG4878BG36

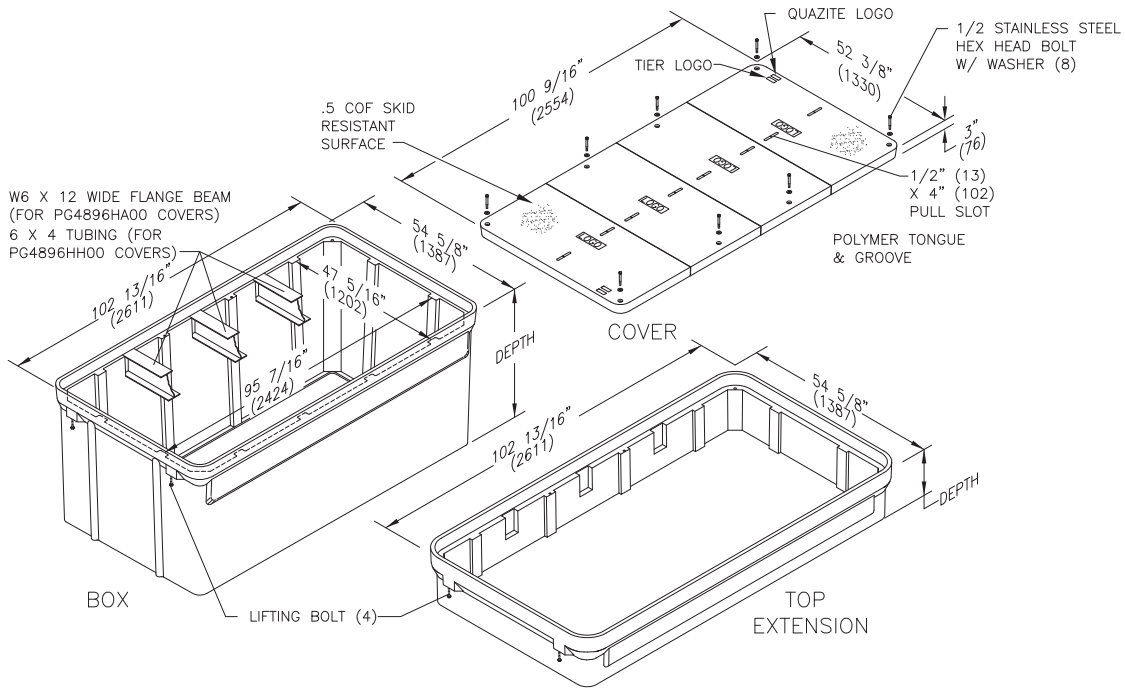
Base

DESCRIPTION	WEIGHT #	PART NO.
Bottom with pulling eyes & ground holes	555	PG4878D500

Dimensions / Data

48" x 96" PG Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Lightweight 8 Bolts	5	5,000 / 7,500	608	2	LG4896CA00**
W/ 8 Bolts	15	15,000 / 22,500	794	2	PG4896HA00**
W/ 8 Bolts	22	22,500 / 33,750	1186	2	PG4896HH00**
Lightweight No bolts	5	5,000 / 7,500	608	2	LG4896WA00**

Replace ** with a logo code found on page 60. See page 65 for meter and touch/radio read cover options.

Boxes

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Standard Open Bottom	48"	22	22,500 / 33,750	1384	1	PG4896BA48
Solid Bottom	48 1/2"	22	22,500 / 33,750	1537	1	PG4896DA48

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".

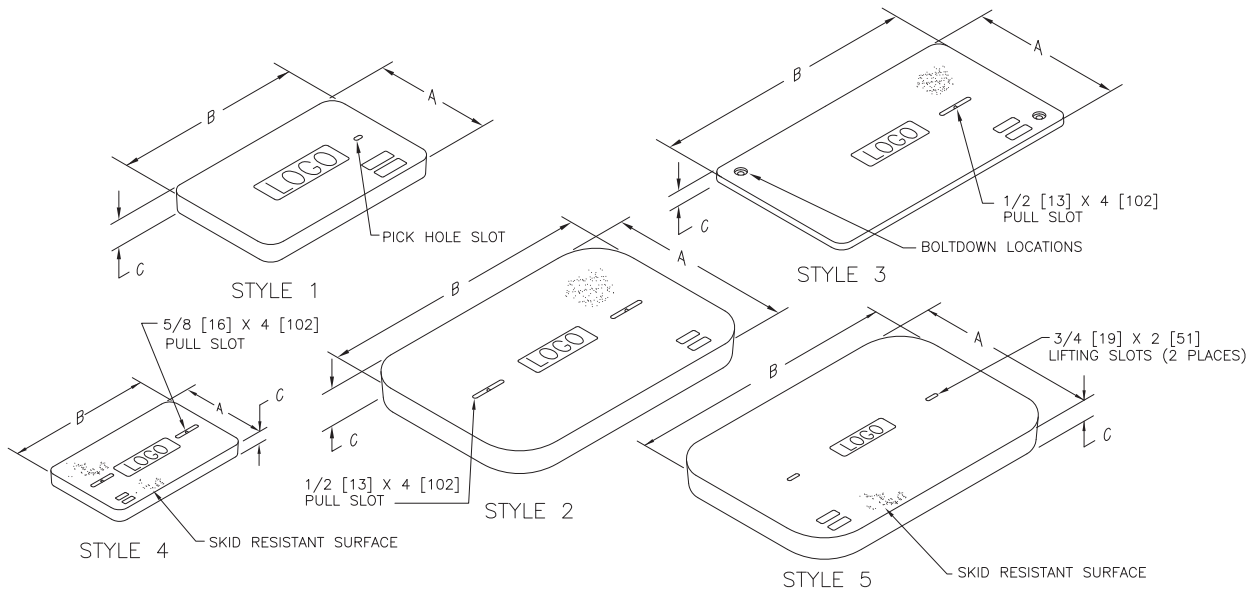
Top Extension

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Open Bottom, No beam provided	15"	22	22,500 / 33,750	485	5	PG4896EA12

QUAZITE

Dimensions / Data

Replacement Covers



Polymer Concrete

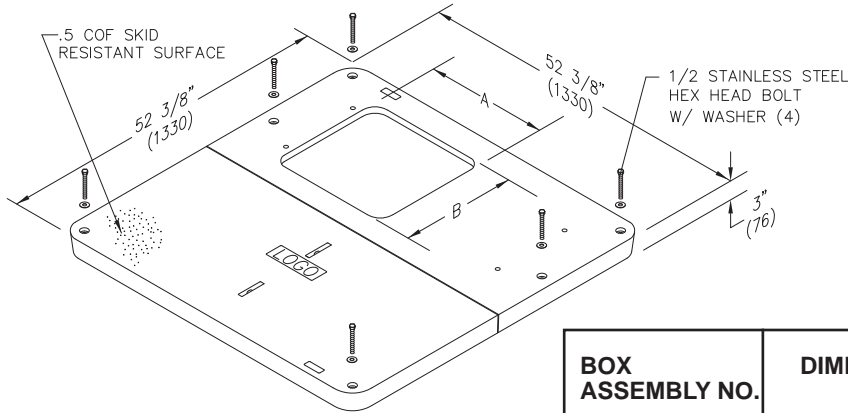
STYLE	DIM. A	DIM. B	DIM. C	TIER	DESIGN / TEST LOAD #	BOLT DOWN	WEIGHT#	PALLET QTY	REPLACEMENT PART NO.
1	10"	15 3/8"	1 3/4"	8	8,000 / 12,000	NO	20	40	PG1015WAS0
1	11 1/4"	18 1/8"	1 3/4"	8	8,000 / 12,000	NO	27	40	PG1118WAS0
2	10 5/8"	20 3/4"	2"	8	8,000 / 12,000	NO	33	40	PG1121WA00
4	13 3/4"	23 1/4"	2"	8	8,000 / 12,000	NO	23	50	C001324501
4	13 3/4"	23 1/4"	2"	8	8,000 / 12,000	YES	23	50	C101324501
2	13 3/4"	24 1/4"	2"	8	8,000 / 12,000	NO	32	30	PG1324WA00
3	13 5/8"	23 1/8"	3/4"	5	5,000 / 7,500	YES	18	40	PX1324CA00
2	17 1/2"	30 1/2"	2"	8	8,000 / 12,000	NO	56	20	PG1730WA00
3	17 3/8"	30 3/8"	3/4"	5	5,000 / 7,500	YES	34	20	PX1730CA00
4	17 1/2"	30 1/2"	2"	8	8,000 / 12,000	NO	32	50	C001730500
4	17 1/2"	30 1/2"	2"	8	8,000 / 12,000	YES	32	50	C101730500
2	19 5/8"	19 5/8"	2"	8	8,000 / 12,000	NO	34	20	PG1819WA00
2	21 1/8"	43 1/8"	2"	8	8,000 / 12,000	NO	90	10	PG2042WA00
4	21 1/8"	43 1/8"	2"	8	8,000 / 12,000	NO	56	20	C00204202A
4	21 1/8"	43 1/8"	2"	8	8,000 / 12,000	YES	56	20	C10204202A
2	24"	35 5/8"	3"	8	8,000 / 12,000	NO	109	10	PA2436WA00
2	30 1/8"	47 5/8"	3"	8	8,000 / 12,000	NO	177	10	PA3048WA00
5	30 1/8"	47 5/8"	3"	8	8,000 / 12,000	NO	47 1/8	10	C003048503
5	30 1/8"	47 5/8"	3"	8	8,000 / 12,000	YES	47 1/8	10	C103048503
3	30 1/8"	59 1/2"	3"	8	8,000 / 12,000	YES	128	10	LG3059CA00
5	30"	59 5/8"	3"	8	8,000 / 12,000	NO	59 1/8	5	C003060501
5	30"	59 5/8"	3"	8	8,000 / 12,000	YES	59 1/8	5	C103060501

LG3059CA00 is a 2 piece cover.

DIMENSIONS/DATA

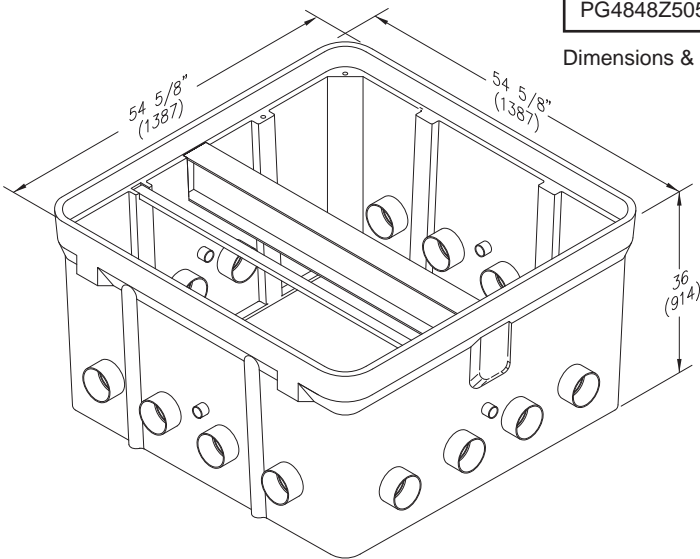
Cell Site Enclosure

Hex Head Bolts are Standard



BOX ASSEMBLY NO.	DIMENSION A	DIMENSION B
PG4848Z511	19" (483 mm)	18 1/8" (460 mm)
PG4848Z505	10" (254 mm)	18 1/4" (464 mm)

Dimensions & weights in parentheses are metric equivalent.



QUAZITE



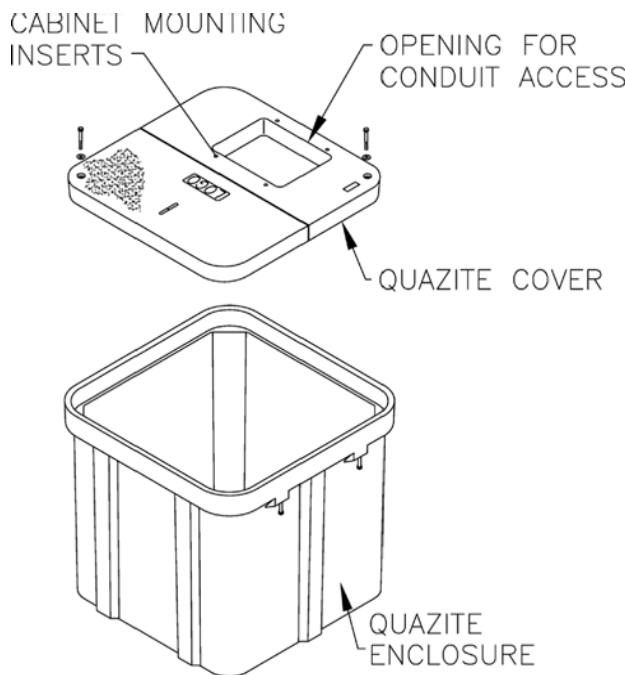
QUAZITE® cell site enclosures allow cellular providers easy access to their cable lines and provide plenty of room for the addition of new lines. Sixteen 4" terminators enable providers to easily add new feeder cables to existing sites. The terminators also reduce the risk of disturbing existing service when adding new cables because installers can clearly see where other cables are entering the box.

QUAZITE® cell site enclosures also make equipment changes and upgrades easy and cost effective. Poured-in-place pads must be completely replaced if changes and upgrades became necessary, but QUAZITE® cell site enclosures feature replaceable covers and an open area inside the enclosure. As a result, new cable lines can easily be added without replacing the pad. Also, providers only need to replace the covers if cabinets with new bolt patterns are installed.

For other sizes and configurations contact your Hubbell / Quazite representative.

DIMENSIONS/DATA

Equipment Enclosures



Due to the rapid evolution of suppliers and their equipment, Hubbell requires the customer to provide confirmation of equipment mounting features, dimensions, & throat size.

Equipment Manufacturer & Model Number	Enclosure Size
ACE 214	48 X 48 X 36
ACE 92, 100, & 200	36 X 60 X 36
ADC 576 (TE CONNECTIVITY)	48 X 48 X 36
ADC FAT (TE CONNECTIVITY)	24 X 36 X 42
ADC Gen 2 (TE CONNECTIVITY)	36 X 60 X 36 & 48 X 48 X 36
ADC Gen 3 & 3E FDH 144, 216, 288, & 432 (TE CONNECTIVITY)	36 X 36 X 36 & 48 X 48 X 36
ADC Medium 216/432 (TE CONNECTIVITY)	36 X 36 X 36
ADC Small 144 (TE CONNECTIVITY)	36 X 36 X 36
ADC Splitter FDH1G-144/216 (TE CONNECTIVITY)	36 X 60 X 36
AFL FDH 100 (FD000094 MTG. SKIRT)	30 X 48 X 24, 36 X 60 X 24, 36 X 60 X 36, & 48 X 48 X 36
Clearfield 288 PON, 432 PON, & 576 PON	24 X 36 X 30
Charles BD03	24 X 24 X 24, 24 X 36 X 30, 30 X 48 X 36, 36 X 60 X 36, & 48 X 72 X 48
Charles BD04	24 X 24 X 24, 24 X 36 X 30, 30 X 48 X 36, 36 X 60 X 36, & 48 X 72 X 48
Charles BD05	24 X 24 X 24, 24 X 36 X 30, 30 X 48 X 36, 36 X 60 X 36, & 48 X 72 X 48
Charles BD07	24 X 24 X 24, 24 X 36 X 30, 30 X 48 X 36, 36 X 60 X 36, & 48 X 72 X 48
Corning 144/216	36 X 60 X 36
Corning 216 or LCA 288	36 X 36 X 36
Corning Gen 3	36 X 72 X 36
Corning Gen 3 & 3E FDH 144, 216, 288, & 432	36 X 36 X 36 & 48 X 48 X 36
Corning LCA-432	36 X 60 X 36
Corning Nex Gen LCA-432	36 X 36 X 36
Emerson/Marconi UPCBD7	30 X 48 X 36, & 48 X 72 X 48
Emerson Sole	30 X 48 X 36
Emerson Span	48 X 48 X 48
Hub CSC (TE CONNECTIVITY)	48 X 72 X 48
OFS Orbital 288 FTTX	36 X 36 X 36

Information shown is a partial listing and is for reference only. Contact equipment manufacturer for specific mounting dimensions, throat size and other details.

QUAZITE



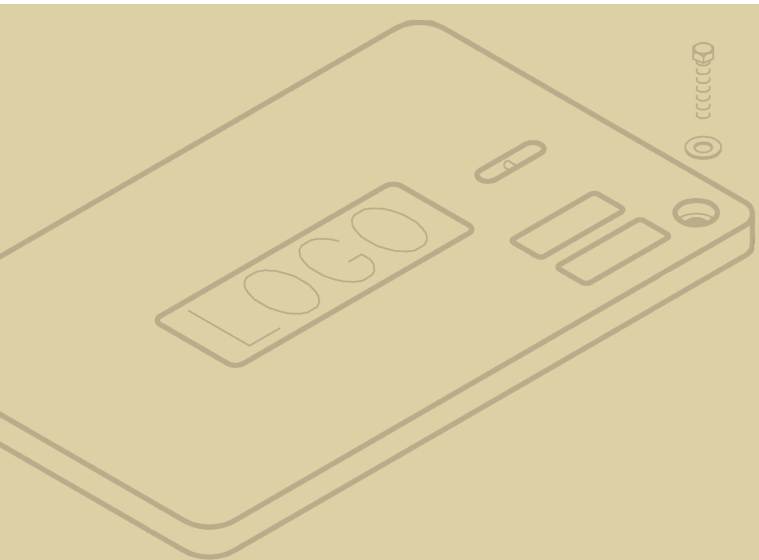
Most commonly used cover logos are shown below.
 Custom Logos are available. Contact your Quazite/Hubbell Representative.

QUAZITE® COVER OPTIONS



POLYMER CONCRETE LOGO CODES	DESCRIPTION
09	BLANK
10	CATV
12	COMMUNICATIONS
14	CONTROLS
17	ELECTRIC
21	FIBER OPTICS
22	FIRE ALARM
23	GAS
24	GROUND
26	HIGH VOLTAGE
29	LIGHTING
36	SECURITY
38	SIGNAL
40	STATE TRAFFIC SIGNAL
41	STREET LIGHTING
42	TELECOM
43	TELEPHONE
44	TRAFFIC
45	TRAFFIC CONTROL
46	TRAFFIC SIGNAL
48	TV
50	WATER
57	EMERGENCY
65	ILLUMINATION
81	DANGER HIGH VOLTAGE
84	POWER
92	TELECOMMUNICATIONS
3A	DOT
6B	INSTRUMENTATION
ZA	IRRIGATION
K91	RECLAIMED WATER
KH1	FIBEROPTIC

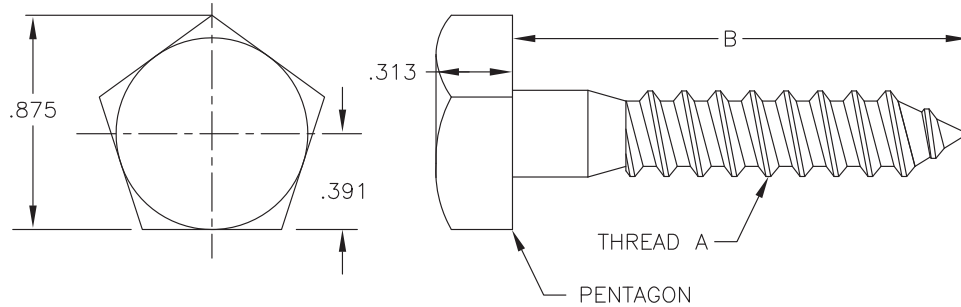
QUAZITE



Cover Options:

• Tamper Resistant Penta-Head Bolt

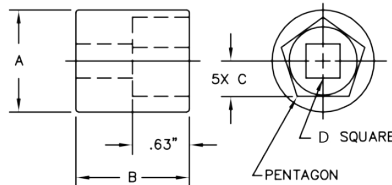
This upgrade option includes a special penta head bolt that can only be turned using a Penta-Head socket. To order this option for Polymer Concrete Covers, add the suffix P to the end of the cover part number. (Example: PG2436HA0017P).



Quazite® Tools

QUAZITE

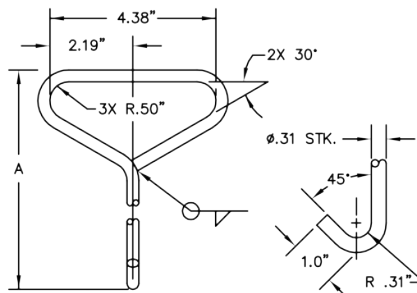
Tamper Resistant Standard Penta-Head Socket - Alloy Steel



Part No.	UPC #	(A)	(B)	(C)	(D)
C082920	11844	1.13"	2.00"	.391"	.375"
C082922	11845	0.88"	1.50"	.250"	.375"
WP74900	N/A	1.13"	2.00"	.391"	.500"
WP74902	N/A	1.13"	2.00"	.391"	*

* Includes integral T-handle

Cover Hook - Electroplated Steel



Description	Part No.	UPC#	(A)
Short Cover Hook	C082905	11842	7.0"
Long Cover Hook	C082908	11843	27.0"

Cover Options:

• Electronic Markers (Cast in Cover)

A full range of electronic markers are encased in the polymer concrete PC, PG, PT, LG, LT, or PR style covers. Specify frequency for your utility type by inserting the code letter into the 10th digit of the cover number.

(Example: PG3048CA0P09)

TYPE	POLYMER CONCRETE CODE	FREQUENCY
TELECOMMUNICATIONS	T	101.4 kHz
POWER	P	169.8 kHz
GAS	G	83.0 kHz
WATER	W	145.7 kHz
SANITARY	S	121.6 kHz

• Quazite® Torsion Covers

Feature a skid-resistant surface and come with an assisted, low-force cover opening that bolts closed. Torsion covers range in size from 35-5/8" x 58-3/4" to 54-5/8" x 81-5/8". Torsion Covers provide easy access to the vault when open, and security when closed.

• Lightweight Covers

The reduced weight combined with the tremendous strength of Hubbell's lightweight cover design translates into speed and productivity. Contact your Hubbell / Quazite representative for more information.

• Touch Read

Touch Read counter bores and Radio Read opening are available in several size covers. Contact your Hubbell / Quazite representative for more information.

QUAZITE



EZ AUGER™ Upgrade Kits

Most existing Quazite polymer concrete enclosures can be upgraded to EZ Auger™ bolt technology. Upgrade kits are available for most enclosures in both hex head and penta head configurations.

HEX HEAD KIT	Quazite's Self-Cleaning EZ Auger™ Bolt System Upgrade Kit for Polymer Concrete Enclosures (Each assembly includes 2 HEX HEAD EZ Auger™ bolts, 2 EZ Auger™ nuts and 2 washers)			
	Thread	Part No.	UPC # 66-2037	Cover Application
	3/8-7 Lag Thread	C082500	12861	PC0608, PC0818, PC1012, PC1118, PC1212, PC1324, PC1730, PX1324, PX1730, PR2700
	3/8-7 Lag Thread	C082507	18369	PG1015, PG1118
	3/8-7 Lag Thread	C082505	12862	PG1324, PG1730
	3/8-7 Lag Thread	C082510	12863	PG2436, PG3048, PG3636
	3/8-7 Lag Thread	C082512	17590	PG3048 Overlapping
	1/2-6 Lag Thread	C082522	17591	LG3660
	1/2-6 Lag Thread	C082524	17592	PG3660 Overlapping
	1/2-6 Lag Thread	C082526	17593	PG3060, PG3672, PG4848, PG4872, PG4896
1/2-6 Lag Thread	C082528	17594	PG3060 Overlapping	

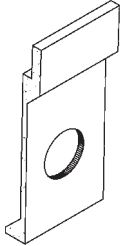
PENTA HEAD KIT	Hubbell's Self-Cleaning EZ Auger™ Bolt System Upgrade Kit for Polymer Concrete Enclosures (Each assembly includes 2 PENTA HEAD EZ Auger™ bolts, 2 EZ Auger™ nuts and 2 washers)			
	Thread	Part No.	UPC # 66-2037	Cover Application
	3/8-7 Lag Thread	C082600	18378	PC0608, PC0818, PC1012, PC1118, PC1212, PC1324, PC1730, PX1324, PX1730, PR2700
	3/8-7 Lag Thread	C082607	18379	PG1015, PG1118
	3/8-7 Lag Thread	C082605	18377	PG1324, PG1730
	3/8-7 Lag Thread	C082610	18376	PG2436, PG3048, PG3636
	3/8-7 Lag Thread	C082612	18375	PG3048 Overlapping
	1/2-6 Lag Thread	C082622	18374	LG3660
	1/2-6 Lag Thread	C082624	18373	PG3660 Overlapping
	1/2-6 Lag Thread	C082626	18372	PG3060, PG3672, PG4848, PG4872, PG4896
1/2-6 Lag Thread	C082628	18371	PG3060 Overlapping	

QUAZITE

Polymer Concrete Enclosure Options:

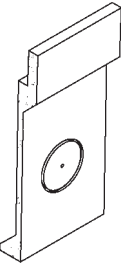
Quazite® features several different accessories for its boxes, including cable racks, unistrut racks, pulleys, knockouts, coiling brackets, and terminators. Knockouts are pre-scored at the factory, allowing for easy break out without the need for special tools. Pulleys feature a forged-steel eye-nut and a steel-reinforcing plate.

Holes



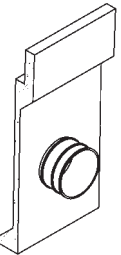
Conduit Sizes
(For actual hole sizes and locations see page 58.)
2"
3"
4" Electrical
4" Telephone
5"
6"
Other hole sizes available. Contact your local HUBBELL®/QUAZITE® representative for additional
Special order boxes with holes (or mouseholes, etc.) may qualify for UL Listing as long as the holes do not exceed more than 25% of the area of each sidewall and as long as the holes do not cut into a structural reinforcing rib, corner, or box lip.

Knockouts



Conduit Sizes
(For actual hole sizes and locations see page 58.)
2"
3"
4" Electrical
4" Telephone
5"
6"
Other knockout sizes available. Contact your local HUBBELL®/QUAZITE® representative for additional
Special order boxes with holes (or mouseholes, etc.) may qualify for UL Listing as long as the holes do not exceed more than 25% of the area of each sidewall and as long as the holes do not cut into a structural reinforcing rib, corner, or box lip.

Terminators



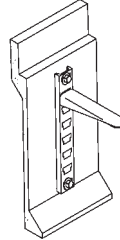
Conduit Sizes
(For actual hole sizes and locations see page 58.)
2"
3"
4" (Electrical & Telephone)*
5"
6"
*New 4" terminator design accommodates both electrical and telephone conduit sizes. Other terminator sizes available. Contact your local HUBBELL®/QUAZITE® representative for additional
Special order boxes with holes (or mouseholes, etc.) may qualify for UL Listing as long as the holes do not exceed more than 25% of the area of each sidewall and as long as the holes do not cut into a structural reinforcing rib, corner, or box lip.

Strut Racks



Box and cover struts available. Contact your local HUBBELL®/QUAZITE® representative for sizes.
Inserts must be located in ribs. See page 67 for rib locations.
Width x Depth _____
1-5/8" x 1-5/8"

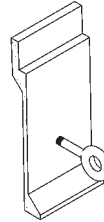
Cable Racks & Rack Hooks - Galvanized Steel



Cable Racks available in the following lengths:
12" length C080911
18" length C080910
24" length C080915
30" length C080920
36" length C080921

See page 141 for cable rack locations.
Cable Rack Hooks **Part No.**
7-1/2" length C2031132
10" length C080907

Pulling Eyes



Available Ratings
1,500 lbs.
3,000 lbs.
10,000 lbs.

Captive Bolts

Captive bolts are available for PC, PG, LG, PT, LT and PR style covers. Captive bolts prevent the bolt from falling out of the cover when the cover is removed.

Polymer Concrete Enclosure Options:

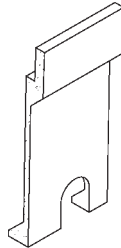
Bolt Holes

Sizes
3/8"
1/4"
1/2"

Mouseholes

There is no additional charge for mouseholes in the standard size and location for their respective enclosures. PC0608, PC0818 and PC1212 boxes usually do not have mouseholes. See pg. 139 for locations.

Mousehole Sizes	Standard on Boxes
2-1/2" x 4"	LT1015, PC1118, PG1118
4" x 4"	PC1324, PT1324, PC1730, PT1730, PG1324, PG2424, PG1730, PD1730, PG2436, PG3048, PD3048, PG3636
6" x 8"	PG3060, PG3660, PG3672, PG4848, PG4872, PG4896



Special order boxes with holes (or mouseholes, etc.) may qualify for UL Listing as long as the holes do not exceed more than 25% of the area of each sidewall and as long as the holes do not cut into a structural reinforcing rib, corner, or box lip.

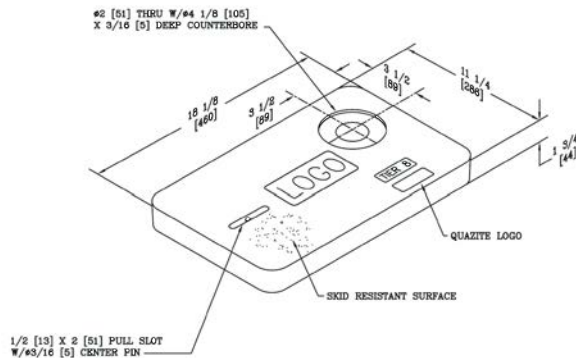
Other sizes available. Contact your local HUBBELL®/QUAZITE® representative for information.

Pull Slots

The standard cover pull slot measures 1/2" x 4". Bell cover pull slots measuring 1" x 4" are available upon request.

Touch/Radio Read Option

Holes for touch or radio read applications can be provided in covers as needed.



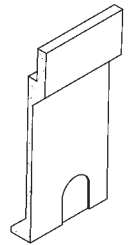
Inserts - 18-8 Stainless Steel

Available Sizes
3/8" or 1/2"

Inserts must be located in ribs. See page 139 for rib locations.

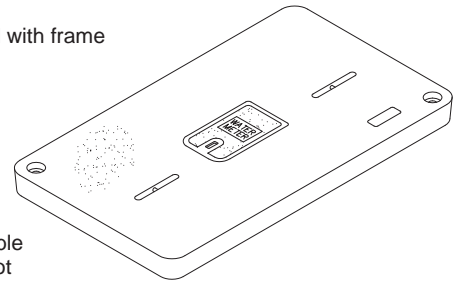
Mousehole Knockouts

There is no additional charge for mousehole knockouts in the standard size and location for their respective enclosures. Contact your local HUBBELL®/QUAZITE® representative for size options. See pg. 139 for locations.



Hinged Meter Lids*

Available Sizes
Cast iron 4 1/2" x 7 1/2" lid
Cast iron 6" x 9" lid
Cast iron 9" x 12" lid with frame



*Select sizes available in Tier 15. Tier 22 not available.

Drop-in Meter Lids*

Available Sizes
Polymer concrete 6" x 9" drop-in lid
Polymer concrete 7" x 13" drop-in lid
Polymer concrete 9" x 15" drop-in lid

*Select sizes available in Tier 15. Tier 22 not available.



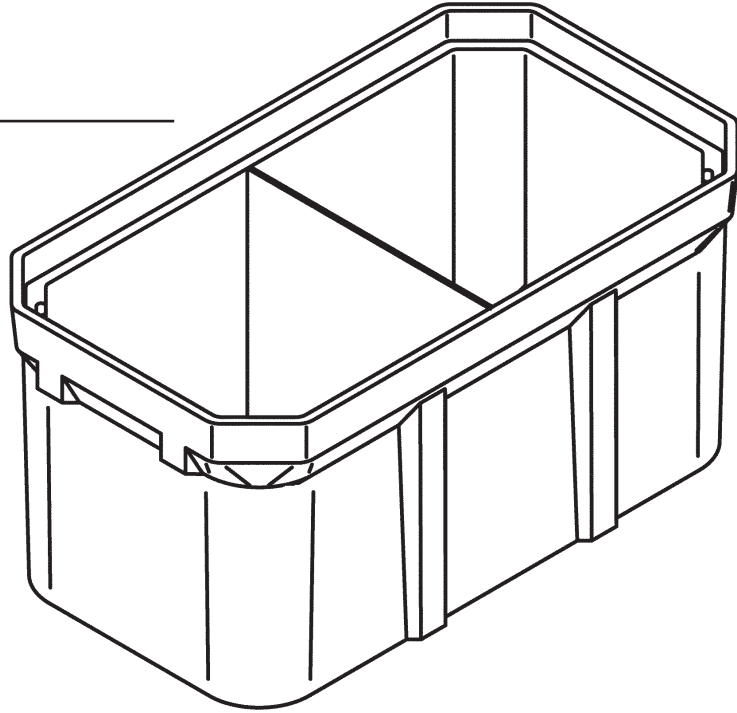
Polymer Concrete Enclosure Dividers:

Divided Boxes

Dividers are available for the following size enclosures:

24" x 36" x 18"	36" x 72" x 21"
24" x 36" x 30"	36" x 72" x 36"
24" x 36" x 42"	48" x 48" x 36"
30" x 48" x 18"	48" x 48" x 48"
30" x 48" x 36"	48" x 72" x 36"
30" x 60" x 21"	48" x 72" x 48"
30" x 60" x 36"	48" x 96" x 48"
36" x 36" x 36"	
36" x 60" x 36"	

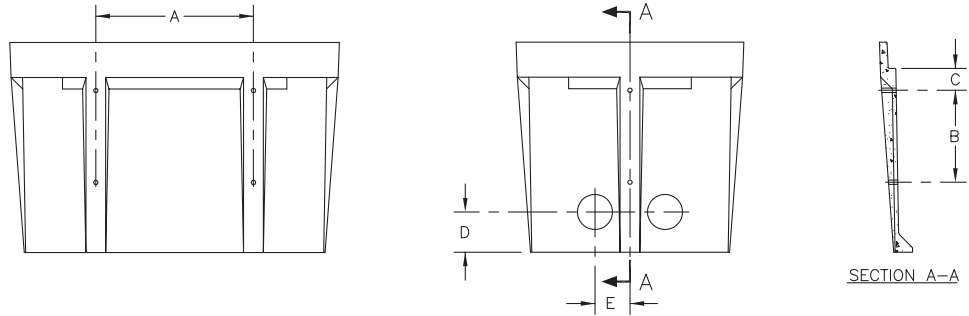
NOTE: Dividers are not sold separately.



Dividers are typically located at the center of the box. Multiple dividers are also available. Additional dividers not listed may be available upon request. Contact your local HUBBELL[®] / QUAZITE[®] representative.

SPECIFICATIONS/DATA Standard Cable Rack Insert, Terminator, Knockout & Hole Locations

Mouseholes (not illustrated) - The standard location for mouseholes is in the center of the end walls of the enclosure.



BOXES

PART NO.	DIMENSIONS				
	A	B	C	D	E
PG2424BA24	12" (305 mm)	10 1/2" (267mm)	4" (102 mm)	5 1/2" (140mm)	4" (102mm)
PG2436BA18	18" (457mm)	9" (229mm)	2 1/2" (64 mm)	5 1/2" (140mm)	4" (102mm)
PG2436BA24	18" (457mm)	13 1/2" (343mm)	2 1/2" (64 mm)	5 1/2" (140mm)	4" (102mm)
PG2436BA30	18" (457mm)	13 1/2" (343mm)	2 1/2" (64 mm)	5 1/2" (140mm)	4" (102mm)
PG2436BA42	18" (457mm)	13 1/2" (343mm)	2 1/2" (64 mm)	5 1/2" (140mm)	4" (102mm)
PD3048BA24	22" (559mm)	10 1/2" (267mm)	6" (152 mm)	5 1/2" (140mm)	5 1/2" (140mm)
PD3048BA48	22" (559mm)	13 1/2" (343 mm)	6" (152 mm)	5 1/2" (140mm)	5 1/2" (140mm)
PG3048BA18	22" (559mm)	9" (229mm)	2 1/2" (64 mm)	5 1/2" (140mm)	5 1/2" (140mm)
PG3048BA24	22" (559mm)	10 1/2" (267mm)	2 1/2" (64 mm)	5 1/2" (140mm)	5 1/2" (140mm)
PG3048BA36	22" (559mm)	13 1/2" (343mm)	2 1/2" (64 mm)	5 1/2" (140mm)	5 1/2" (140mm)
PG3060BA21	20 3/4" (527mm)	10 1/2" (267mm)	2 1/2" (64 mm)	5 1/2" (140mm)	7" (178mm)
PG3060BA30	24" (610mm)	10 1/2" (267mm)	2 1/2" (64 mm)	5 1/2" (140mm)	7" (178mm)
PG3060BA36	20 3/4" (527mm)	10 1/2" (267mm)	2 1/2" (64 mm)	5 1/2" (140mm)	7" (178mm)
PG3636BA36	18" (457mm)	13 1/2" (343mm)	2 1/2" (64 mm)	5 1/2" (140mm)	7" (178mm)
PG3660BA19	22" (559mm)	10 1/2" (267mm)	4" (102 mm)	5 1/2" (140mm)	9" (229mm)
PG3660BA24	22" (559mm)	10 1/2" (267mm)	4" (102 mm)	5 1/2" (140mm)	9" (229mm)
PG3660BA31	22" (559mm)	10 1/2" (267mm)	4" (102 mm)	5 1/2" (140mm)	9" (229mm)
PG3660BA36	22" (559mm)	10 1/2" (267mm)	4" (102 mm)	5 1/2" (140mm)	9" (229mm)
PG3672BA21	20" (508mm)	10 1/2" (267mm)	2 1/2" (76 mm)	5 1/2" (140mm)	9" (229mm)
PG3672BA36	20" (508mm)	10 1/2" (267mm)	3" (76 mm)	5 1/2" (140mm)	9" (229mm)
PG4848BA36	22" (559mm)	10 1/2" (267mm)	5 1/2" (140 mm)	7" (178mm)	5 1/2" (140mm)
PG4848BA48	22" (559mm)	10 1/2" (267mm)	5 1/2" (140 mm)	7" (178mm)	5 1/2" (140mm)
PG4872BA36	46" (1168mm)	13 1/2" (343mm)	5 1/2" (140 mm)	7" (178mm)	5 1/2" (140mm)
PG4872BA48	46" (1168mm)	13 1/2" (343mm)	5 1/2" (140 mm)	7" (178mm)	5 1/2" (140mm)
PG4896BA48	24 3/16" (614mm)	13 1/2" (343mm)	5 1/2" (140 mm)	7" (178mm)	5 1/2" (140mm)

NOTE - Holes should be located only in the walls of an enclosure. Do not cut holes in ribs or corners. Hole locations are ± 1" (25mm). Dimensions & weights in parentheses are metric equivalent.

HOLE SIZING FOR NON-METALLIC CONDUIT / DUCT

NOMINAL SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4" (elec.)	4" (tele.)	5"	6"
CONDUIT O.D.	.840	1.050	1.315	1.660	1.900	2.375	3.500	4.500	4.350	5.563	6.625
HOLE SIZE	1"	1 1/4"	1 3/8"	1 3/4"	2"	2 1/2"	3 3/4"	4 3/4"	4 3/4"	5 3/4"	6 3/4"

Quazite recommends that holes be punched 1/8" to 1/4" larger than the actual outside diameter of the conduit duct. If more precise holes are required, contact your local HUBBELL®/QUAZITE® representative.

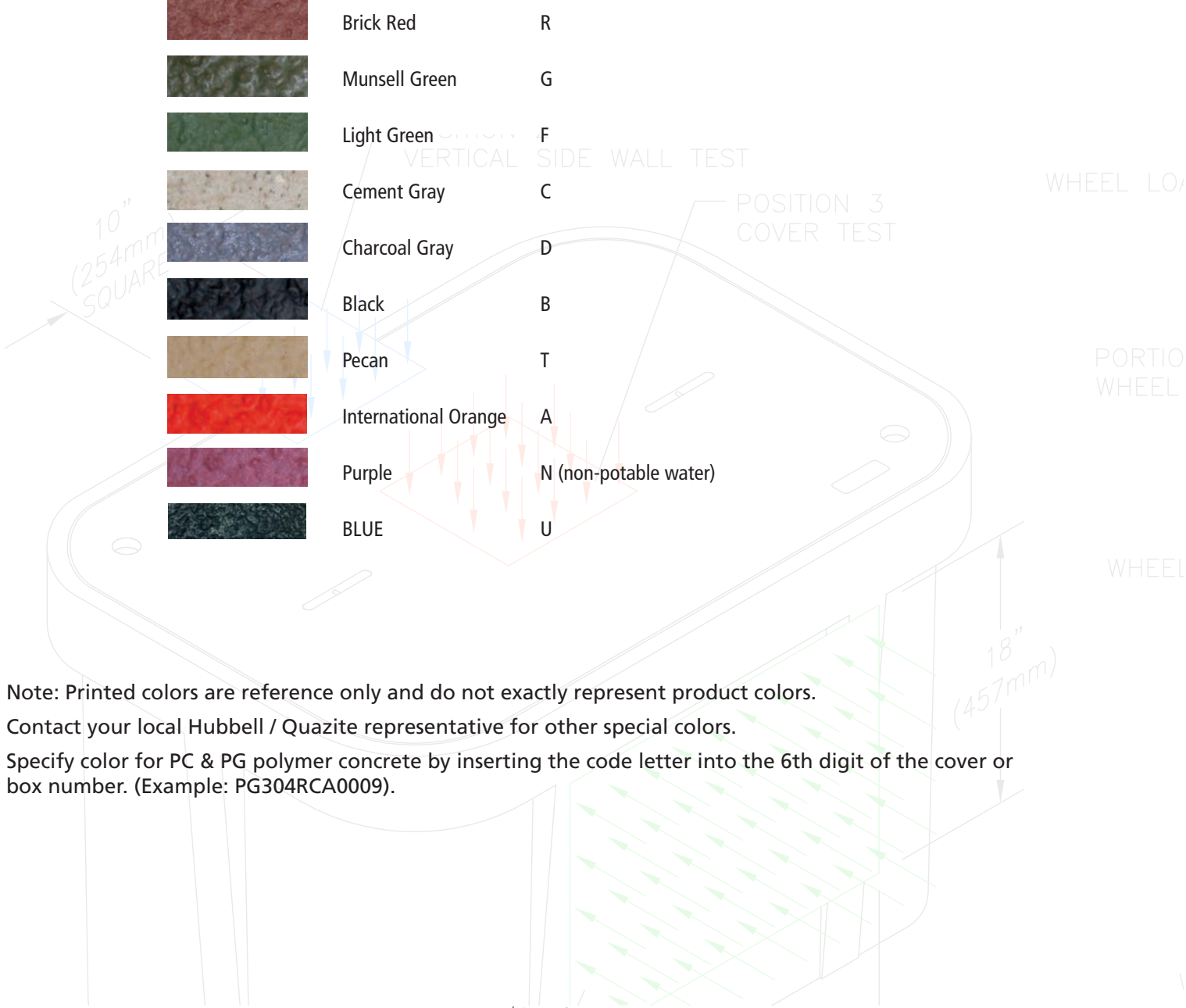
Quazite® Color Options



The standard color for QUAZITE® products is concrete gray. Various color options allow for blending with adjacent materials or special identification of enclosures. Some commonly requested colors include:

Color Sample	Description	Polymer Concrete Part No. Code
	Brick Red	R
	Munsell Green	G
	Light Green	F
	Cement Gray	C
	Charcoal Gray	D
	Black	B
	Pecan	T
	International Orange	A
	Purple	N (non-potable water)
	BLUE	U

QUAZITE



Note: Printed colors are reference only and do not exactly represent product colors.

Contact your local Hubbell / Quazite representative for other special colors.

Specify color for PC & PG polymer concrete by inserting the code letter into the 6th digit of the cover or box number. (Example: PG304RCA0009).

Installation:

Guidelines for installing your Quazite® enclosure vary depending on size, location, and environmental factors. Quazite® enclosures are designed for non-deliberate traffic areas only.

Small Enclosure Installation

1 Excavation

Excavate approximately 6 inches deeper than the depth of the enclosure. Add 6 inches of gravel or crushed rock for drainage.



2 Placement

Carefully lower enclosure into the hole until the top is at grade level.



3 Filling

Fill and compact the soil to grade level with the cover on the enclosure.



4 Adjustment

If the grade level is raised later, a straight-sided enclosure can be pulled up and bricks added at the bottom on one or four sides to conform to the landscape.





Attach nylon straps or chains to the lifting bolts.



Lift and position enclosure with backhoe.



Place gravel in the enclosure and around the side. Lift enclosure to let gravel run underneath.

Install and Protect

Environmental factors should always be considered when installing enclosures of all sizes. Local conditions could dictate additions during installation, such as Concrete Collars or Internal Bracing. These additions provide security, support, and protection.

Large Enclosure Installation

Quazite® enclosures sized 24" x 36" and larger can be safely and securely installed by following four simple steps. Quazite® enclosures are designed for non-deliberate traffic areas only.

1 Site Selection

Select an appropriate site or location that is suitable for an underground enclosure.

- Site features to consider prior to final selection include:
 - Utility easements
 - Parking lots
 - Parking lot entrances
 - Shipping and delivery docks
 - Waste-removal containers (dumpsters)

2 Conduits and Piping Preparation

- Trench and/or plow conduit.
- Bore under road crossings & railroads.
- Mark the depth of conduit using marker tape.

3 Excavate

- Excavate approximately 1-2 feet longer and wider than the box, and 6-8 inches deeper than the depth of the enclosure.
- Add a rodent barrier if necessary.
- Add 6 inches of gravel or crushed rock for drainage.

4 Placement

- Remove enclosure from the pallet to prepare for placement.
- Place nylon straps or chains around the lifting bolts and secure it to the backhoe bucket. The angle between the strap and the enclosure should not be less than 45 degrees.
- Lift the enclosure and place it into the hole.
- Place gravel in the enclosure and around the side if necessary.
- Lift the enclosure to the proper elevation, allowing gravel to run out under the enclosure.
- Check the enclosure's elevation with a level and range pole, and make the necessary adjustments with the backhoe bucket.
- Once the enclosure is set to the proper elevation, reinstall the covers, and back fill.
- If 95% compaction is required, internal bracing should be used on all manufacturers' enclosures to prevent deflection and premature failure.

Hole Cutting Instructions

Methods for Cutting Holes in Hubbell Enclosures:

Hole Saw

1. Drill a 7/8" pilot hole with a carbide tipped masonry drill.
2. Drill hole using a diamond tipped masonry hole saw.
 - This is the preferred method from engineering.
 - Estimated drilling time is 1 - 1.5 minutes.
3. Wood cutting hole saw may be used on Quazite FRP and PenCell HDPE enclosures (15 - 20 seconds).
4. Depending on the box, cutting these holes from the inside or outside may work better. Cutting on a smooth flat area of the wall vs. a ribbed uneven area works best.



Knockout Punch Driver

1. Set up the punch

- 1.01 Slide the die over the pull rod.
- 1.02 Insert pull rod into pilot hole.
- 1.03 Thread the punch onto the pull rod.

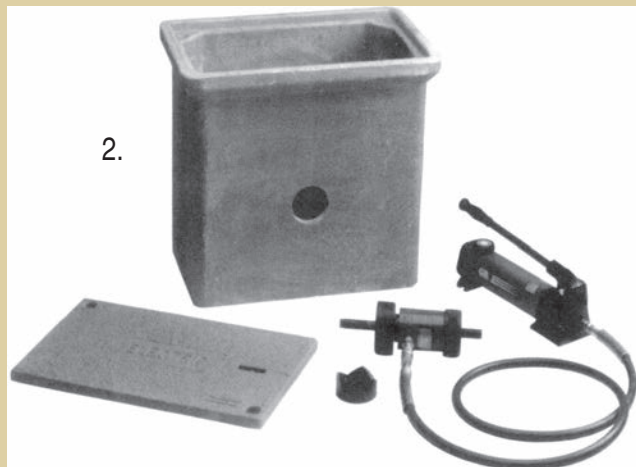
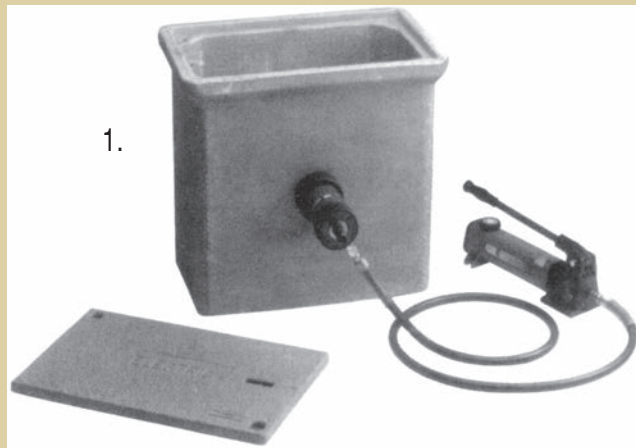
2. Punch hole and remove

- 2.01 Operate hand pump until the punch penetrates the surface.
- 2.02 Open pump release valve.
- 2.03 Remove the slug.

NOTES:

- 1) Quazite UL Listed enclosures with holes drilled in the field may qualify for UL Listing as long as the holes do not exceed more than 25% of the area of each sidewall and as long as the holes do not cut into a structural reinforcing rib, corner, or box lip.
- 2) Quazite FRP enclosures, follow the same guideline as #1 above.
- 3) PenCell HDPE enclosures, we recommend never removing more than 20% of the total area of any wall.

Contact your representative if there are any questions.





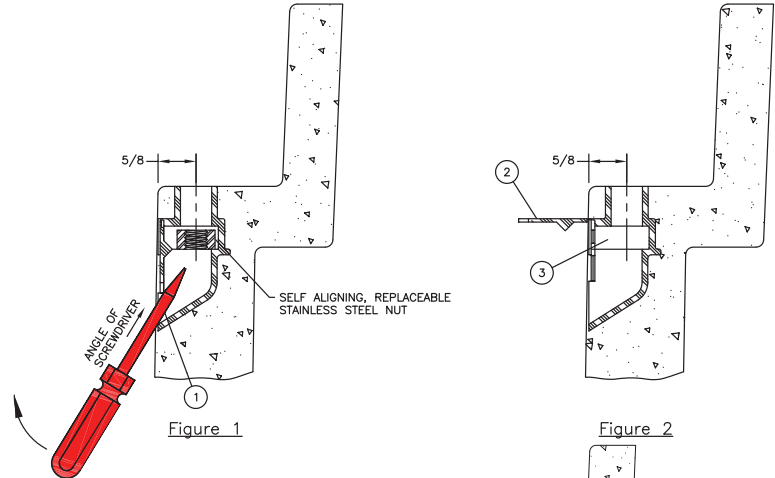
EZ-Nut and Self-Aligning Nut Cleaning & Replacement Instructions

Quazite has redesigned the EZ-Nut assembly (Style "B") to provide a 40% greater drainage opening area and enable quicker and easier nut replacement. This Style "B" design will be included in new production, but existing inventories may have the older Style "A" EZ-Nut assembly. These instructions are provided in the event it is necessary to replace an existing nut.

*To determine which EZ-Nut design is in any box, insert a screwdriver into the drainage opening and pull upward. If the door does not pop open, the Style "A" EZ-Nut is in the box. Follow the instructions for the Style "A" design. If the door pops open, follow the instructions for the Style "B" EZ-Nut design.

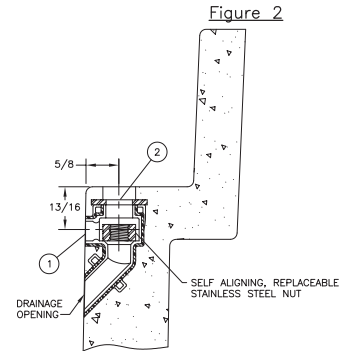
Style "B" EZ-Nut replacement procedure*

1. Locate the drainage opening in the area containing the insert. Insert a screwdriver into the opening at approximately the angle shown in Figure 1.
2. After inserting the screwdriver into the drainage opening, pull upward on the handle of the screwdriver in order to pry open the door of the insert as shown in Figure 2.
3. If necessary, remove any remaining debris from the opening. After the opening is clear, remove existing nut and replace with a nut of the required size.



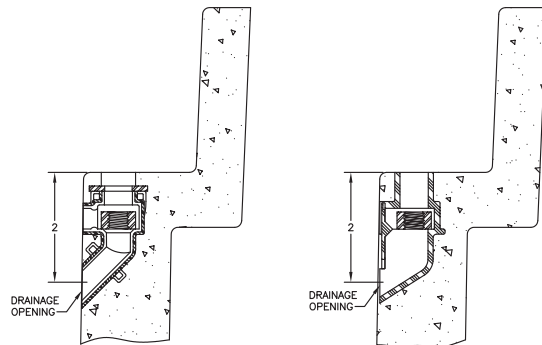
Style "A" EZ-Nut replacement procedure*

1. Measure 13/16" down from bearing ledge of the enclosure. Using a screwdriver and hammer, punch a hole into the cavity of the insert. Clear excess material out of the opening.
2. Insert a screwdriver into the top opening and push the square nut out of the opening just created. Replace with a new square nut and plug the cavity in the sidewall if necessary.



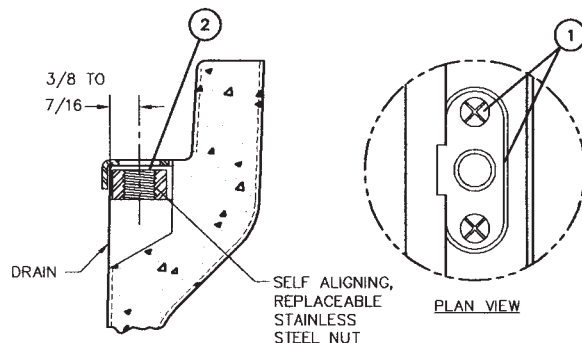
EZ-Nut Cleanout Procedure

1. Make certain drain hole is clear. If it is not, scrape off material with a flat edge and remove any visible obstruction(s). The drain hole is located approximately 2" below the bearing ledge.
2. Insert flat head screw driver into insert. Scrape dirt off of threads and clean out any excess dirt.
3. (Optional) Spray WD-40® or equivalent lubricant into insert to lubricate the threads and help loosen any remaining debris.
4. Replace cover and secure bolts into insert.

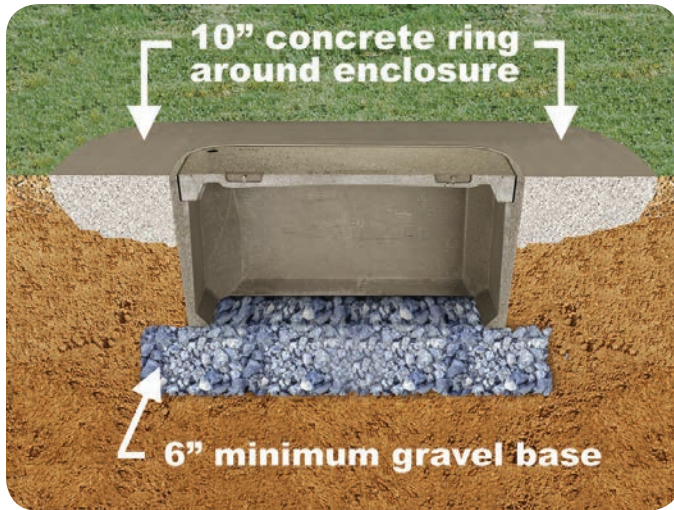


Self-Aligning Nut Replacement:

1. Remove screws using a phillips screwdriver. Then remove the retainer clip.
2. Remove square nut and replace it with a new square nut.
3. Replace the retainer clip and screws.



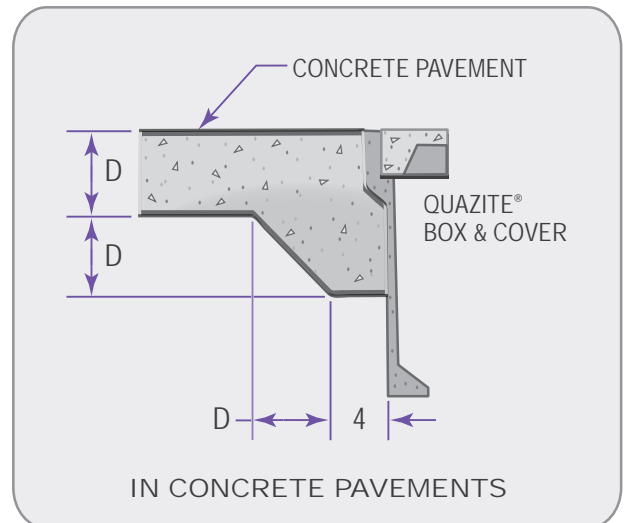
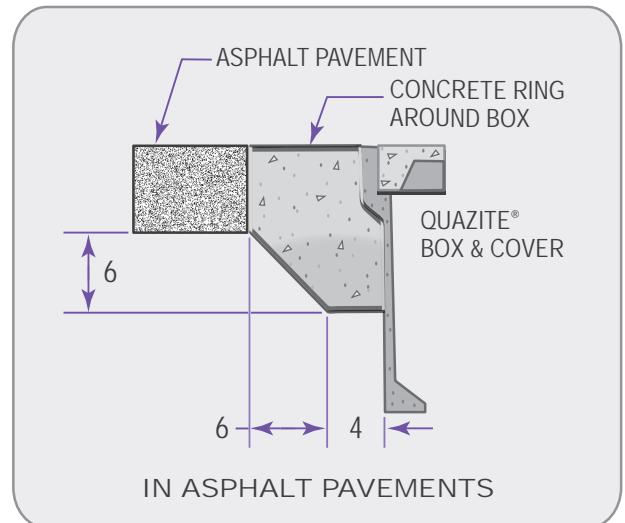
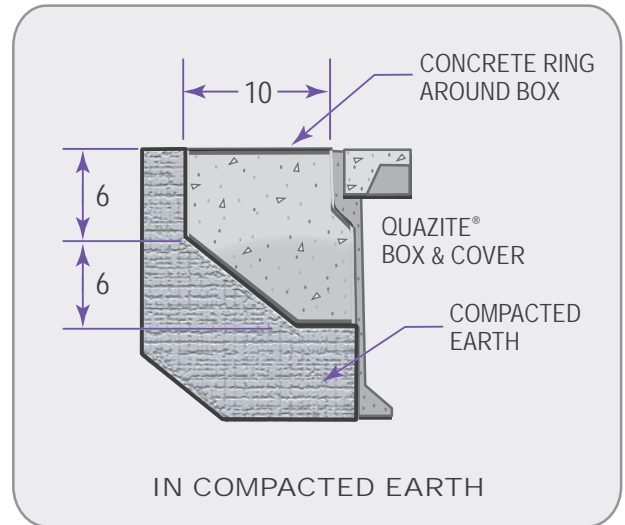
Concrete Collar Application:



Concrete collars may be desired to give added protection to Hubbell enclosures installed by driveways, parking lots, and off-roadway areas that are subject to occasional non-deliberate traffic. Concrete collars are not necessary in grassy areas or areas subject solely to pedestrian traffic.

*Notes:

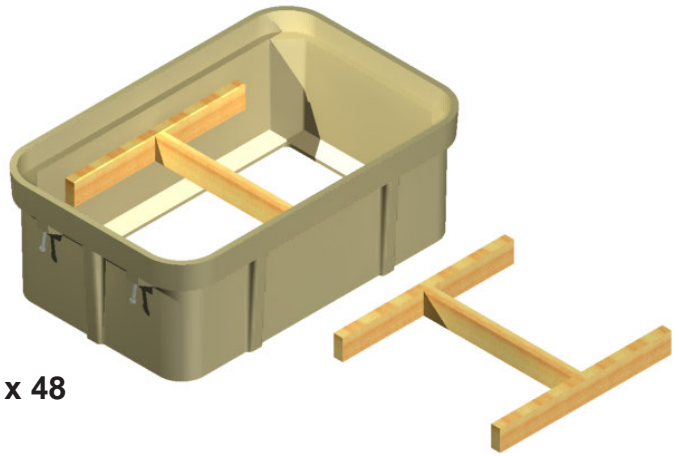
- Concrete encasement to be 3,000 psi minimum
- Concrete encasement collar dimension, D, to be equal to design pavement depth
- Pavement and subgrade to be as shown on the engineering plans



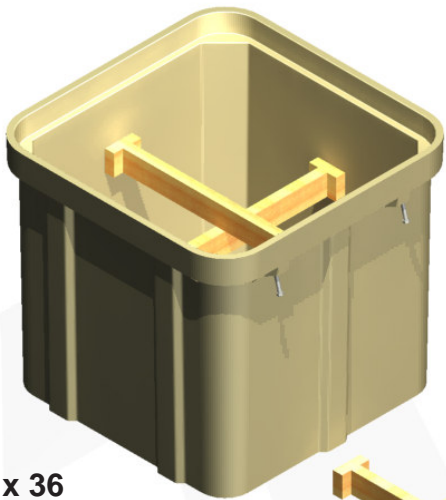
Internal Bracing: Polymer Concrete

Internal bracing may be warranted for any manufacturer's underground enclosure. If 95% compaction is required, or if heavy vehicles will be present during construction and/or throughout the life of the enclosure, internal bracing during backfilling operations will ensure minimal box sidewall deflections. This applies to enclosures made from any material to maintain the original sidewall geometry. Supports should be 2 x 4s or similar material sized to hold at mid-depth.

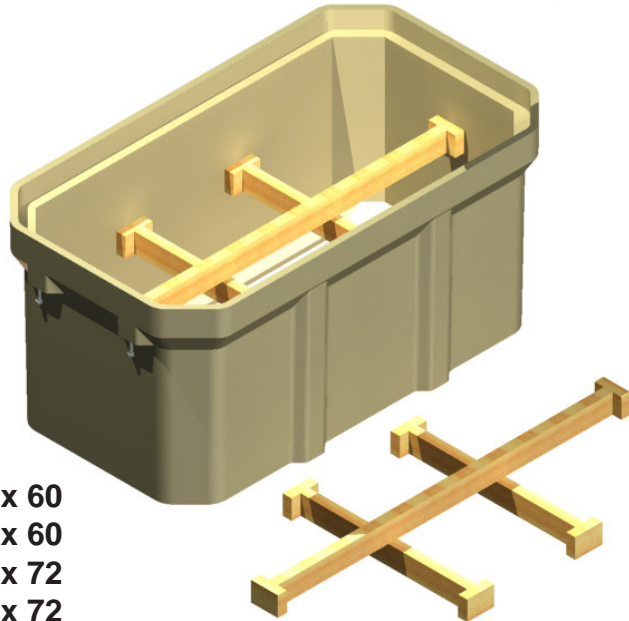
NOTE: Applicable PenCell enclosures come standard with bracing.



30 x 48

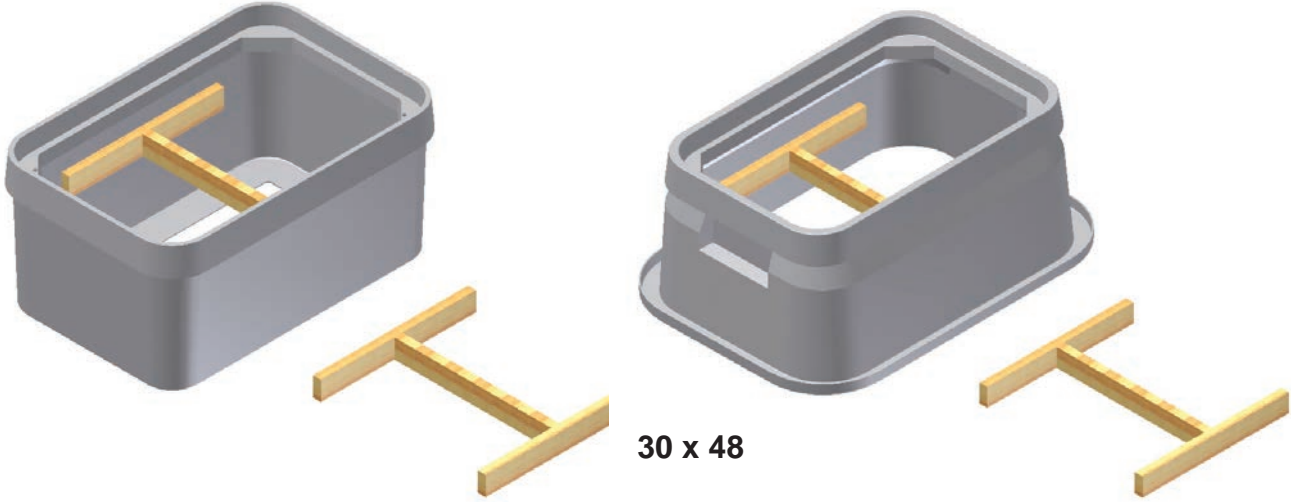


36 x 36
48 x 48

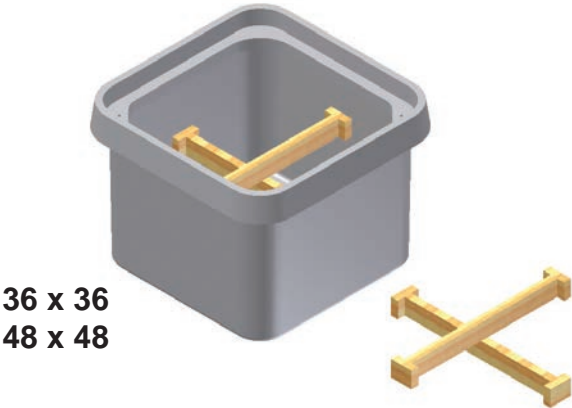


30 x 60
36 x 60
36 x 72
48 x 72
48 x 96

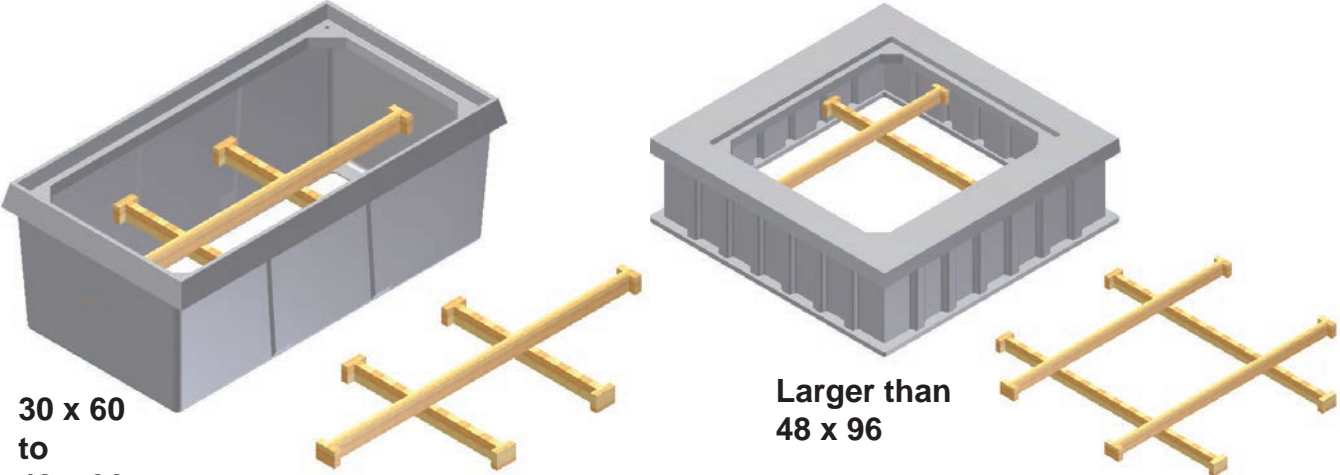
Internal Bracing: FRP



30 x 48



36 x 36
48 x 48



30 x 60
to
48 x 96

Larger than
48 x 96



Polymer Concrete Catalog Numbering System for Boxes and Covers

TECH INFO

1 Weight	2 Style	3,4,5,6 Size	7 Item - Covers	8 Item - Covers	9 Cover Variation	10 Cover Variation
L (LW PC)	A (Special Covers)	0608	C (Standard)	A (Standard)	0 (Standard Cover)	0 (Standard Cover)
P (PC)	C (Box Straight Sides w/ 3/4" cover)	0818	**H (H.D. 22,500# Test)	C (Overlapping)	A (Aluminum)	1 (Opens Over 90°)
	D (Flared Box w/1° Taper w/2" or 3" cover)	0914	S (Steel Cover)	G (Gasketed)	B (Captive Bolt)	2 (Opens Under 90°)
	G (Box Straight Sides 1 1/2", 1 11/16", 2", or 3" cover)	0915	W (Non-Bolt down Cover)	***H (33,750# Test)	D (Deep C'Bores for Locking Cylinders)	M (Metal Locator)
	R (Round Enclosure)	1015		J (Grade Adjustable Frame)	G (Galvanized)	R (Rockwell Touch Reader)
	T (Flared Box w/2" or 3" cover)	1016		S (Split Cover)	K (6"x9" Polymer Drop in Lid)	
	X (Replacement Cover or PX box 3/4" Cover)	1118		T (Torsion Cover)	L (7"x13 1/2" Polymer Drop in Lid)	Markers
		1212			P (CI 6" x 9" Meter Lid)	G (Gas)
		1324			Q (CI 9" x 12" Meter Lid)	P (Power)
		1730			R (CI 4 1/2" x 7 1/2" Meter Lid)	S (Sanitary)
		2042			S (Thru Slot 1/2" x 1")	T (Telephone)
		2424			T (1" x 4" Pull Slot)	W (Water)
		2436			V (CI 4 7/8" x 4 7/8" Vented Meter Lid)	
		2700				
		2733	Item - Boxes	Item - Boxes	Box Depth	Box Depth
		3048	B (Box Open Base)	A (Standard)	1	2
		3060	D (Solid Base)	B (Std. Mouseholes)	1	8
		3660	E (Extension)	C (Divided)	2	4
		3672	J (Footed Box)	G (Gasketed)	3	6
		3943	R (Extension w/ Solid Base)			
		4848				
		4872	Z (Assembly)			
		4896				
		*				

* Designates a special color - R=Red, G=Green, etc.

** This load is tested over a 10"x10" area

*** This load is tested over a 10"x20" area

L = Lightweight

P = Standard





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