



Bollard Chain 5/16" (Powder Coated)

2

General Description:

The R-7592 Decorative Bollard features a classic design, suitable for traditional and contemporary environments. R-7592 bollards are made from a versatile ductile iron, featuring decorative fluting and large spherical top castings. Bollard surfaces are protected by a durable powder coating, available in 6 standard colors, to prevent wear and corrosion. Use as fixed, stand-alone bollards or cover impact-resistant security posts. Removable mountings are available.

Specifications:

Height: 34 1/2" Base Diameter: 10 1/4" Weight: 75 lbs (Bollard Only) Material: Ductile Iron Max. Interior Security Post Size: 4 1/2" x 25" (Diameter x Height)

Finish Options:

⊙ Polyester Powdercoated

See Reliance Foundry's standard color options at: www.reliance-foundry.com/bollard/colors-bollards

Installation Options:

- Fixed Anchor Casting in New Concrete (see sheet 2 of 12)
- Fixed Concrete Insert Anchor in Existing Concrete (see sheet 3 of 12)
- O Fixed Adhesive Anchor in Existing Concrete (see sheet 4 of 12)
- Fixed Anchor Casting with Concrete Form (see sheet 5 of 12)
- O Post Cover New Post in New Concrete (see sheet 6 of 12)
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- O Removable Concrete Insert Anchor in Existing Concrete (see sheet 11 of 12)

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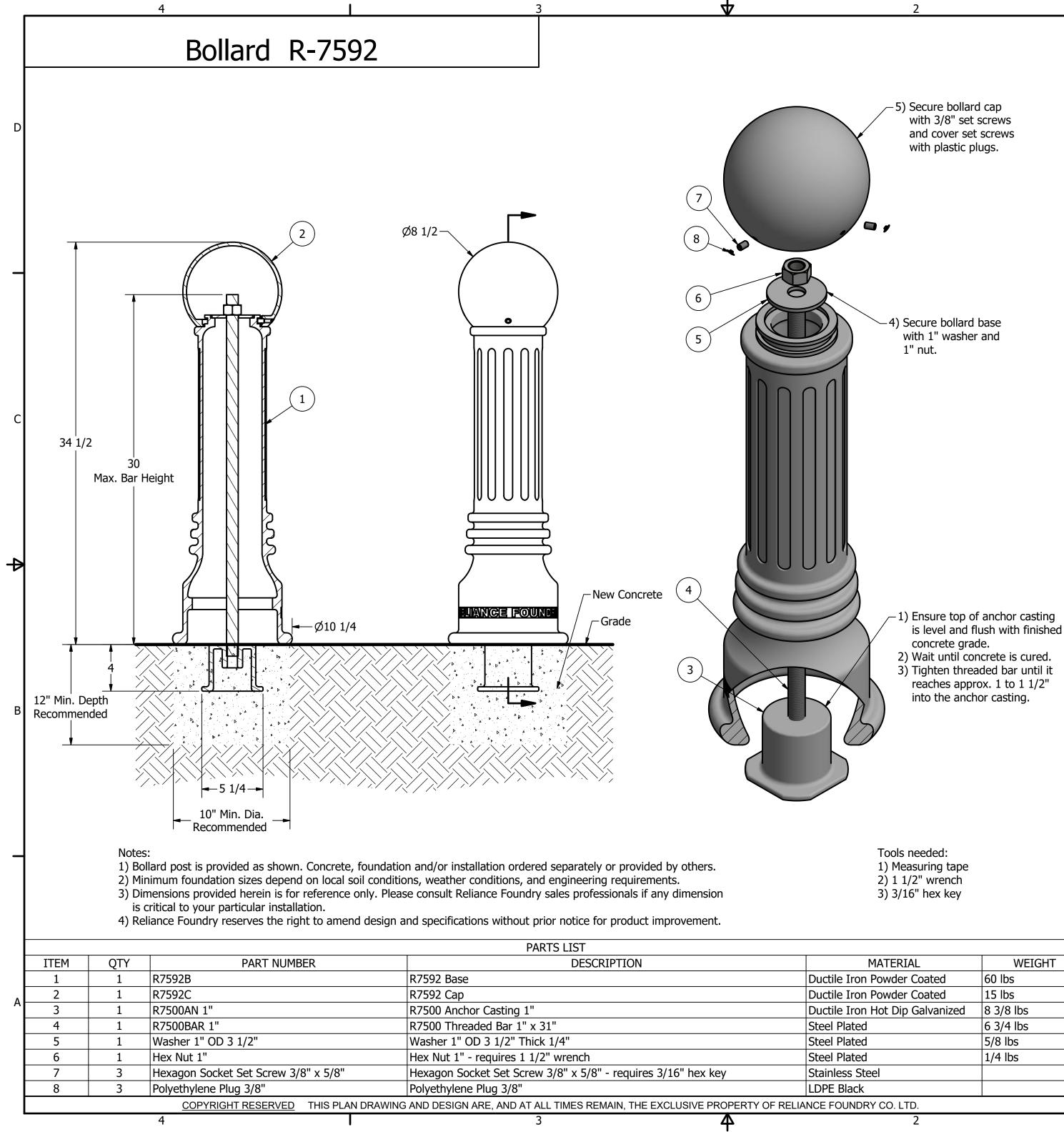
O Removable - Premium Retractable in New Concrete (see sheet 12 of 12)

For more information on bollard post installation, please visit: www.reliance-foundry.com/bollard/installation-bollards

Care and Maintenance:

Reliance's line of bollards are finished with a long-lasting powder-coating. Proper care and maintenance are required. Regularly-performed inspections and routine cleaning will ensure that a bollard retains its aesthetic appeal and does not become damaged by the elements.

RELIANCE FOUNDRY									
Unit 207, 6450 - 148 Street, Surrey, BC V3S 7G7, Canada 1-877-789-3245 info@reliance-foundry.com www.reliance-foundry.com									
TITLE									
	Bollard R-7592								
SIZE	DWG NO	REV							
 C	R7592	C4							
NOT TO SCALE	SHEET 1 OF 12								
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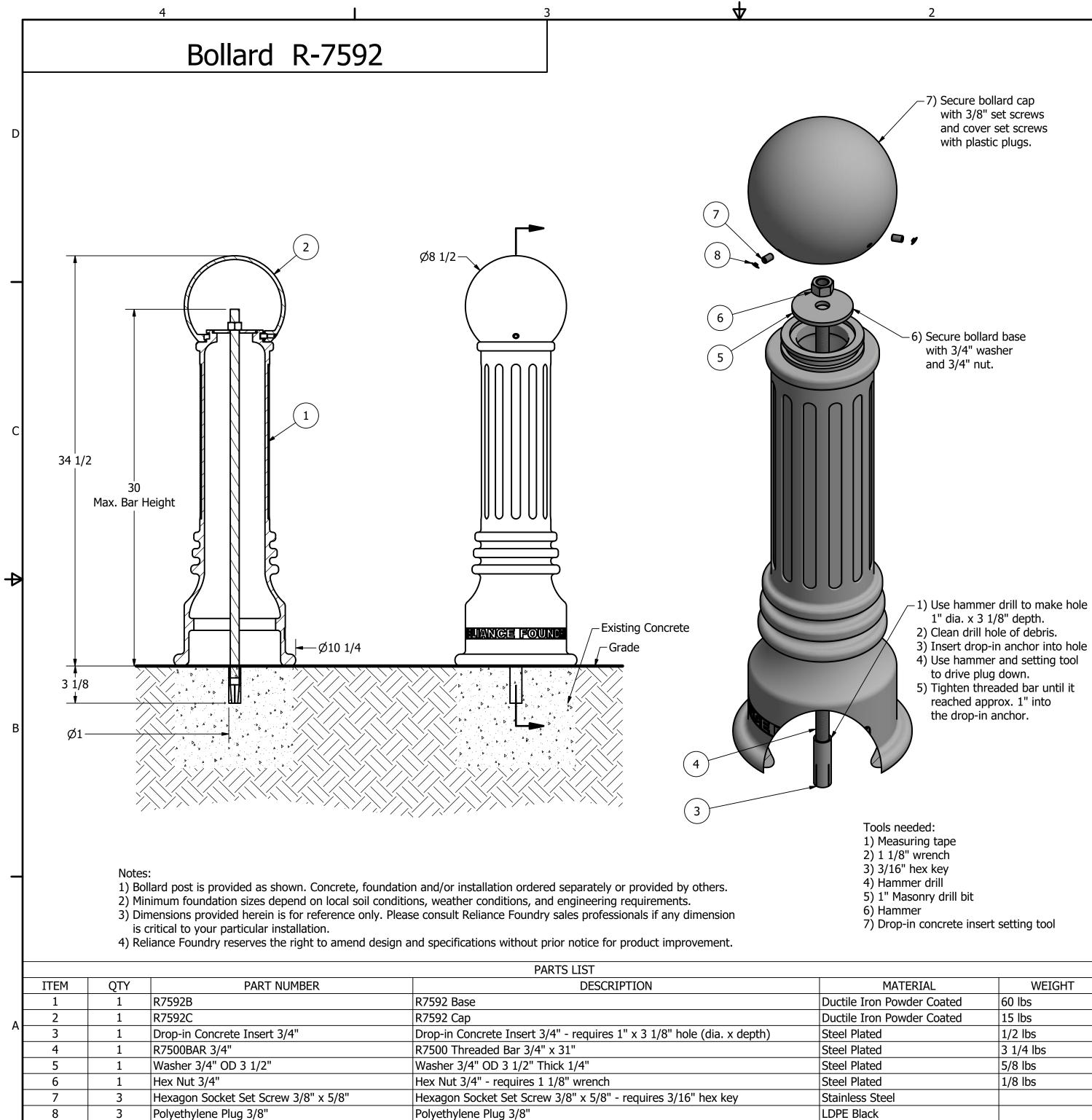
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2) 1 1/2" wrench 3) 3/16" hex key				FOUNDRY		
				Surrey, BC V3S 7G7, Can	ada	
ATERIAL	WEIGHT			@reliance-foundry.com		
owder Coated	60 lbs		www.reliance	-foundry.com		
owder Coated	15 lbs	TITLE				
ot Dip Galvanized	8 3/8 lbs					A
	6 3/4 lbs		Bollard	R-7592		
	5/8 lbs					
	1/4 lbs					
		SIZE	DWG NO		REV	
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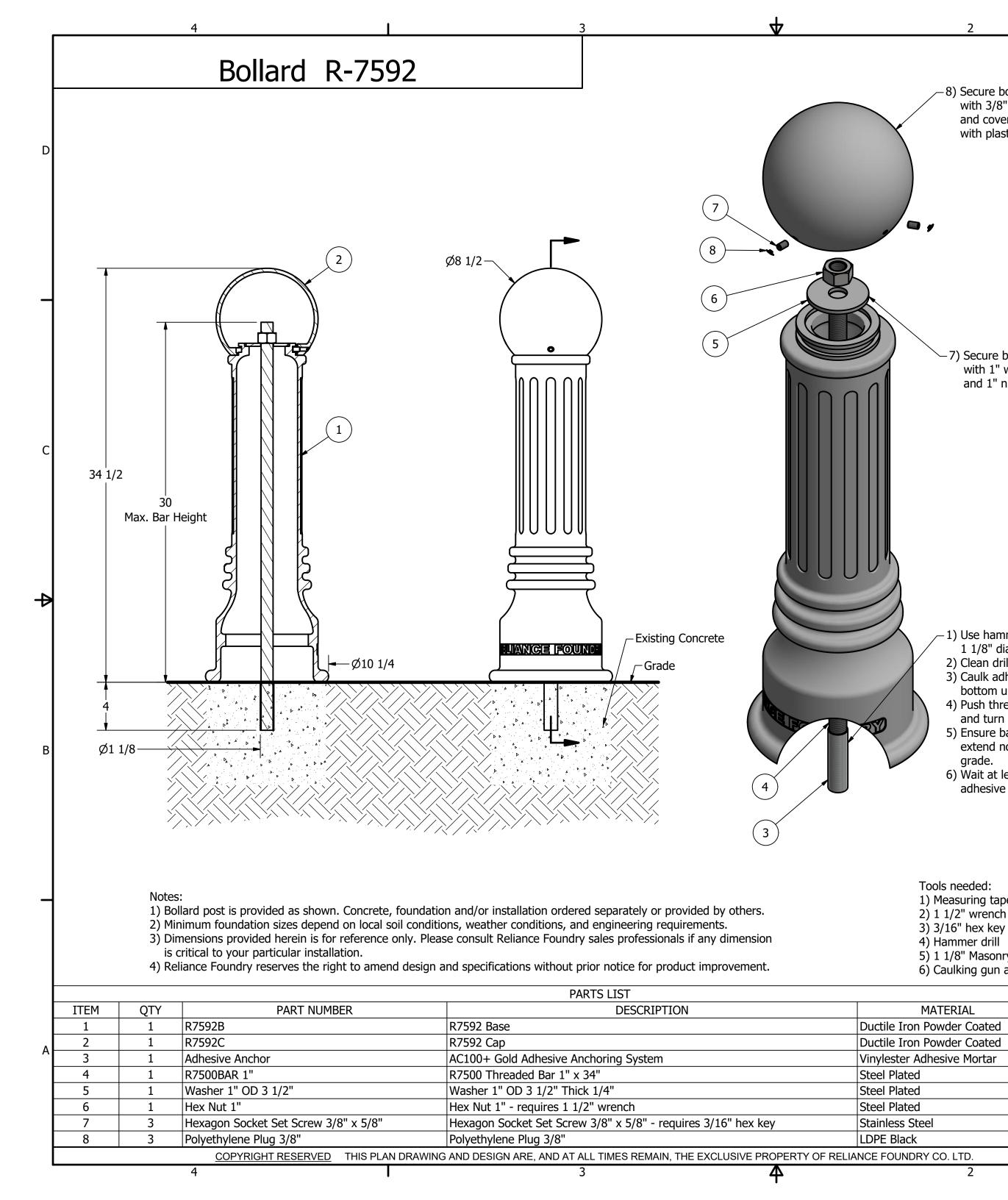
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er i concrete insert setting tool			ELIANCE FOUNI	→
RIAL	WEIGHT		6450 - 148 Street, Surrey, BC V3 77-789-3245 info@reliance-four	
er Coated	60 lbs		www.reliance-foundry.com	
er Coated	15 lbs	TITLE		
	1/2 lbs			A
	3 1/4 lbs		Bollard R-7592	
	5/8 lbs			
	1/8 lbs			
		SIZE	DWG NO	REV
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LTD.		NOT TO SCALE	SHEET 3	OF 12
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8) Secure bollard cap with 3/8" set screws and cover set screws with plastic plugs.

7) Secure bollard base with 1" washer and 1" nut.

- 1) Use hammer drill to make hole 1 1/8" dia. x 4" depth.
- 2) Clean drill hole of debris.
- 3) Caulk adhesive into hole from bottom up and fill 1/4 full.
- 4) Push threaded bar into adhesive and turn to ensure bonding.
- 5) Ensure bar is perpendicular and extend no more than 30" above grade.
- 6) Wait at least 45 minutes for adhesive to set.
- Tools needed:
- 1) Measuring tape
- 2) 1 1/2" wrench
- 3) 3/16" hex key
- 4) Hammer drill

MATERIAL

- 5) 1 1/8" Masonry
- 6) Caulking gun an

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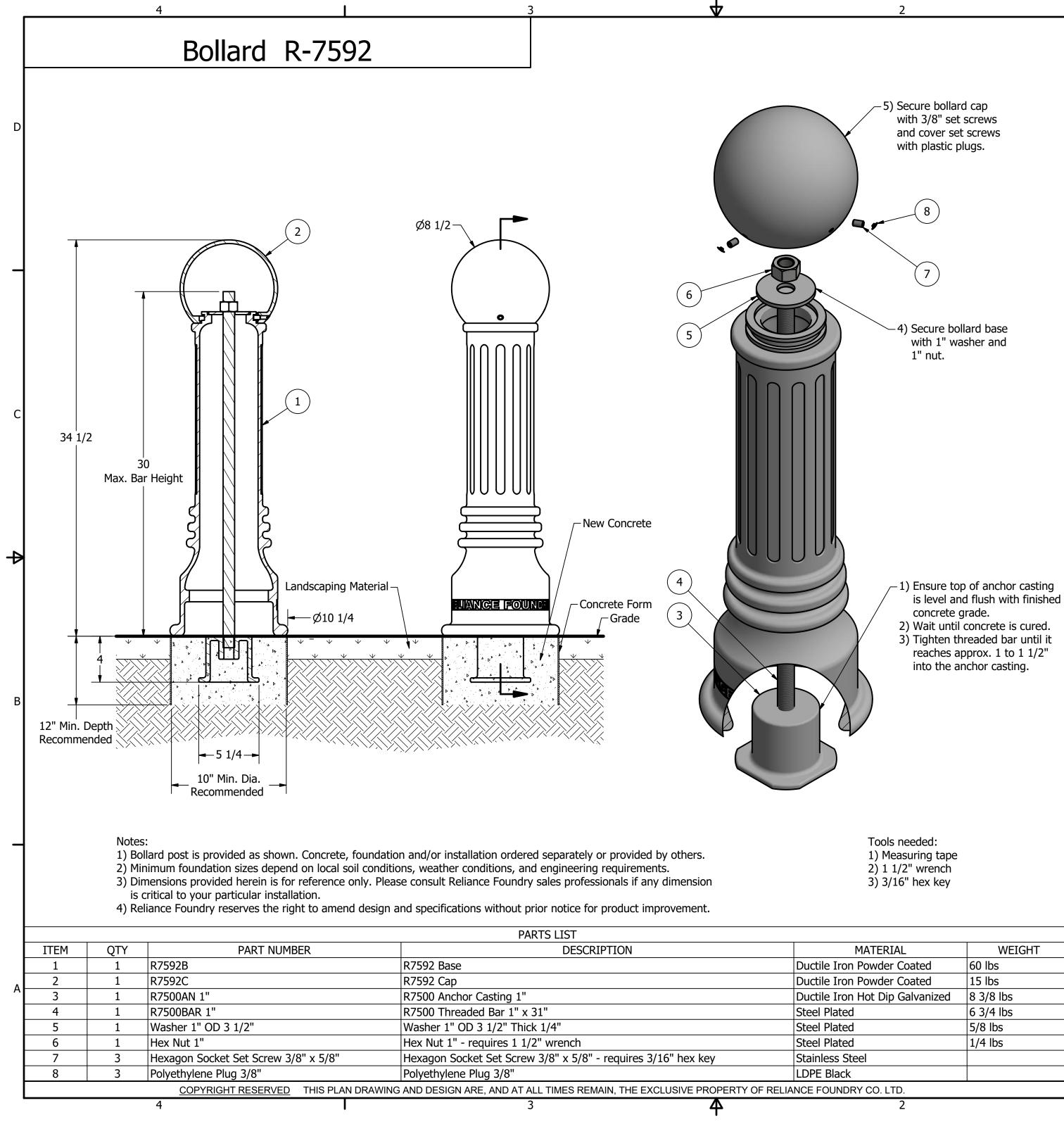
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drill bit nd utility knife		RELIANCE FOUNDR	Y
	Unit	207, 6450 - 148 Street, Surrey, BC V3S 7G	7, Canada
WEIGHT		1-877-789-3245 info@reliance-foundry.	.com
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15 lbs	TITLE		
5/8 lbs			
6 1/4 lbs		Bollard R-7592	
5/8 lbs			
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	SIZE	DWG NO	REV
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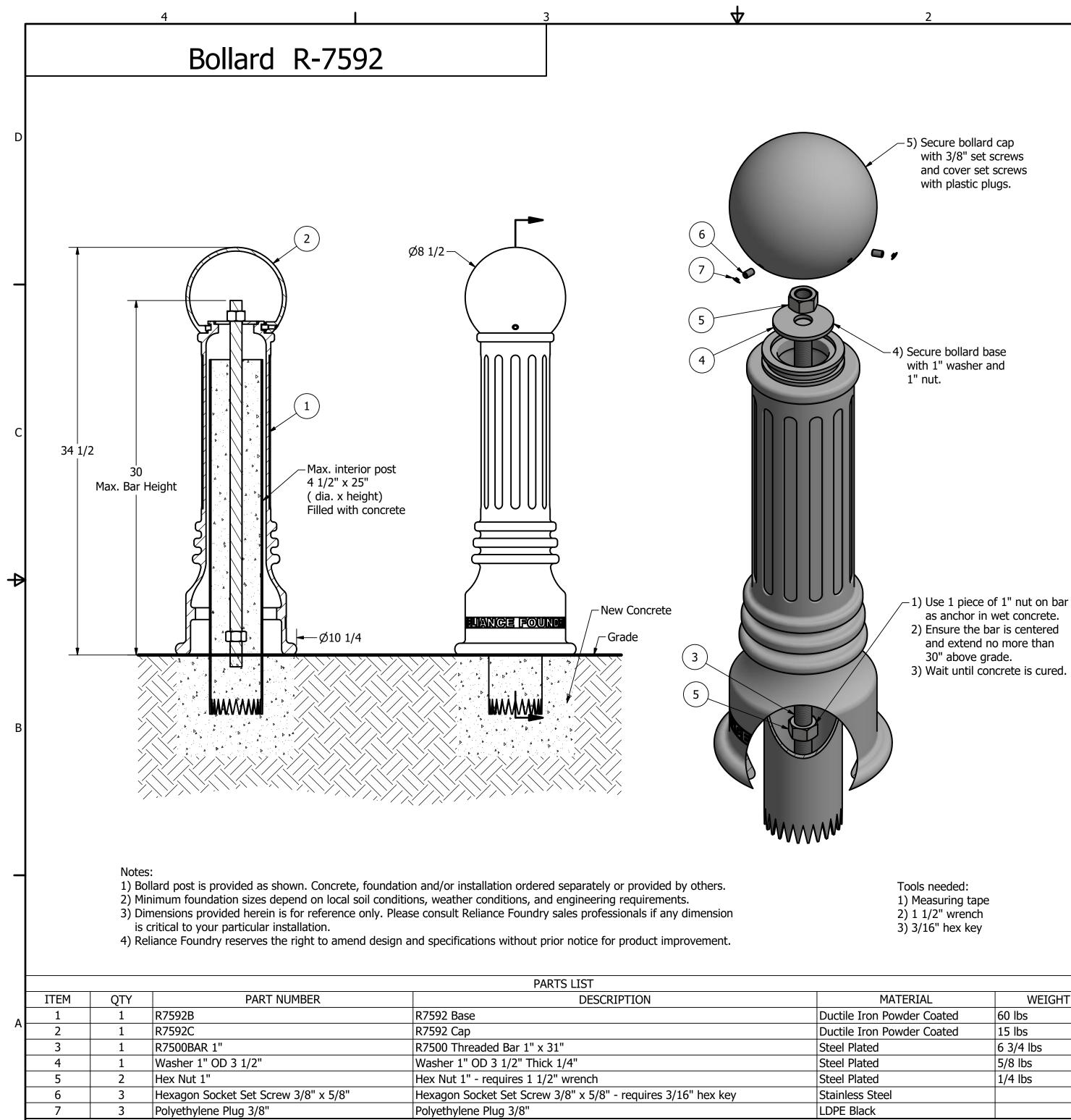
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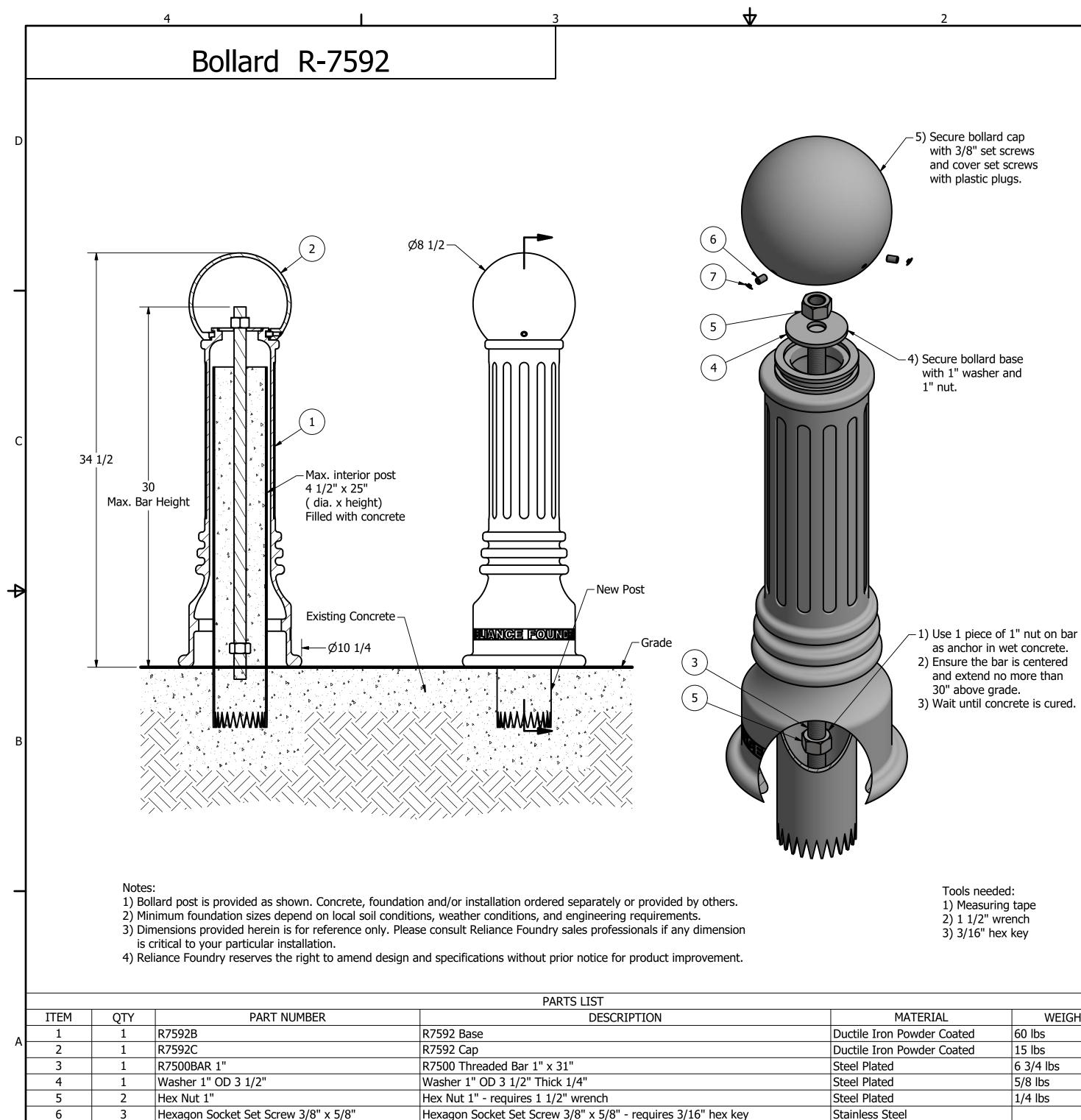
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ns provided herein is for reference only. Pl to your particular installation.	ditions, weather conditions, and engineering requirements. lease consult Reliance Foundry sales professionals if any dimension In and specifications without prior notice for product improvement.	1) Measuring ta 2) 1 1/2" wrenc 3) 3/16" hex key	h		ELIANCE FOU SINCE 1925	
	PARTS LIST			1-8	77-789-3245 info@reliance	-foundry.com
PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT		www.reliance-foundry.	com
2B	R7592 Base	Ductile Iron Powder Coated	60 lbs	TITLE		
2C	R7592 Cap	Ductile Iron Powder Coated	15 lbs			·
0BAR 1"	R7500 Threaded Bar 1" x 31"	Steel Plated	6 3/4 lbs		Bollard R-75	92
er 1" OD 3 1/2"	Washer 1" OD 3 1/2" Thick 1/4"	Steel Plated	5/8 lbs			
Nut 1"	Hex Nut 1" - requires 1 1/2" wrench	Steel Plated	1/4 lbs			
gon Socket Set Screw 3/8" x 5/8"	Hexagon Socket Set Screw 3/8" x 5/8" - requires 3/16" hex key	Stainless Steel		SIZE	DWG NO	REV
thylene Plug 3/8"	Polyethylene Plug 3/8"	LDPE Black		- C	R7592	C4
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Polyethylene Plug 3/8"

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LDPE Black

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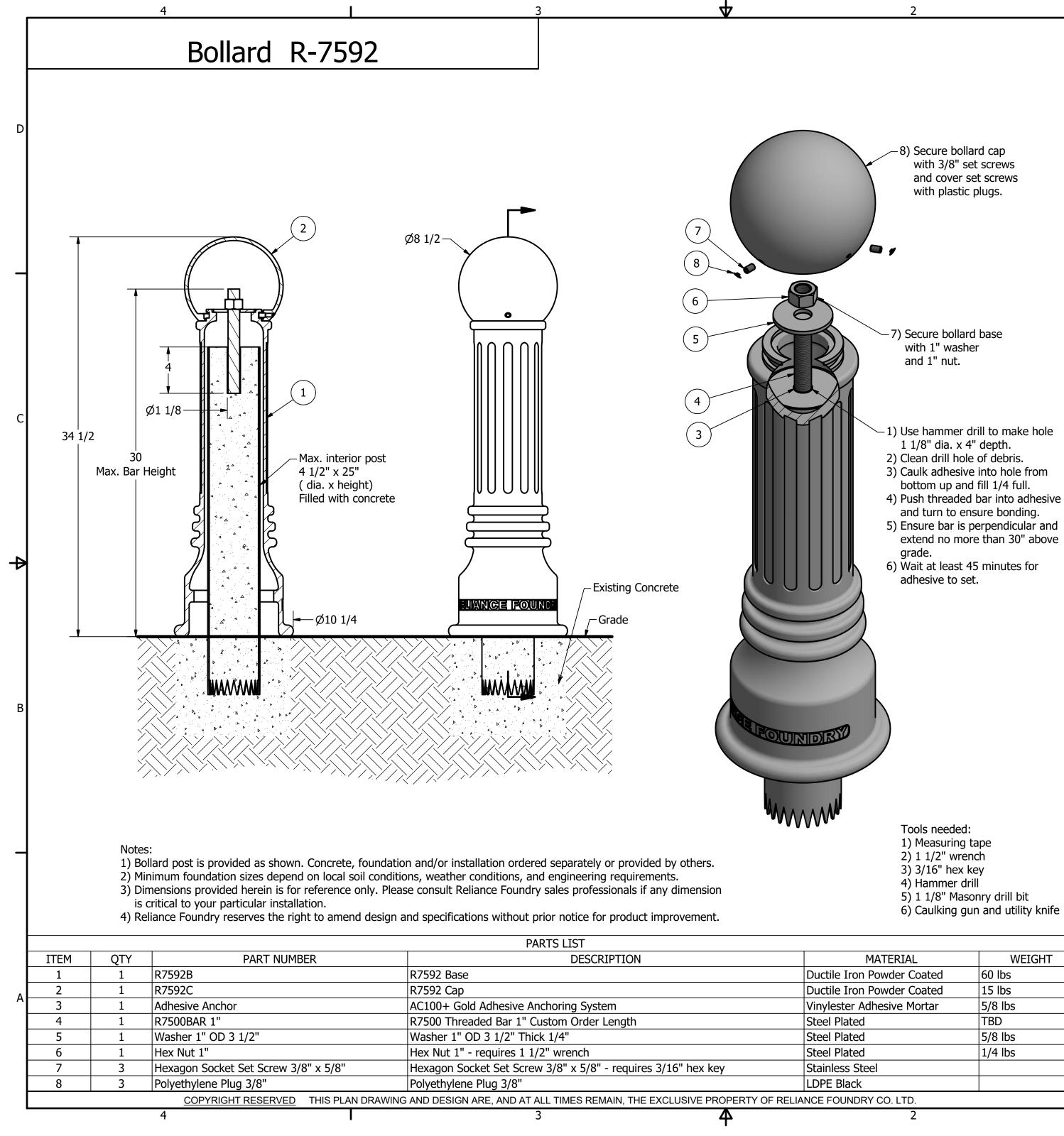
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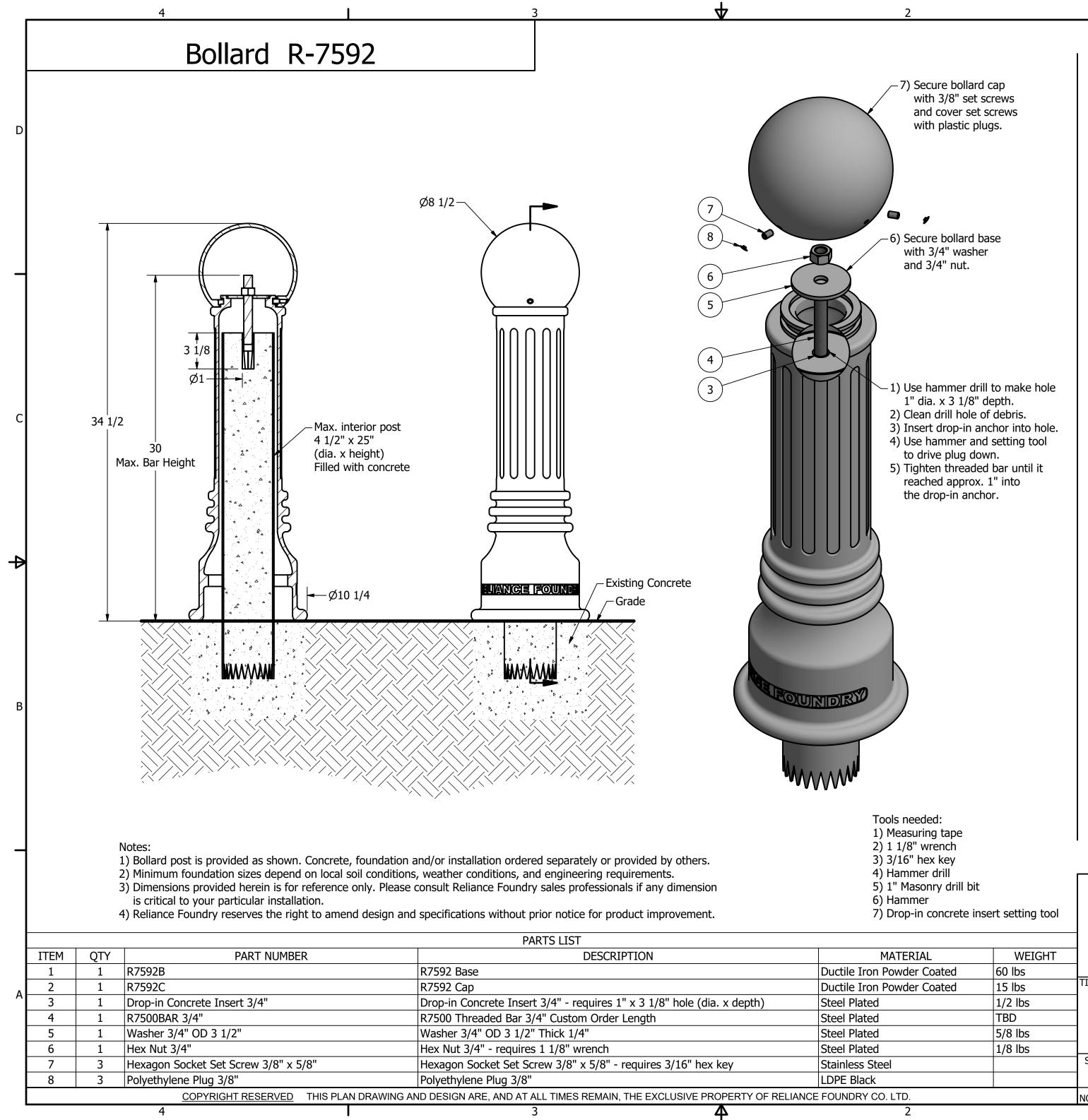
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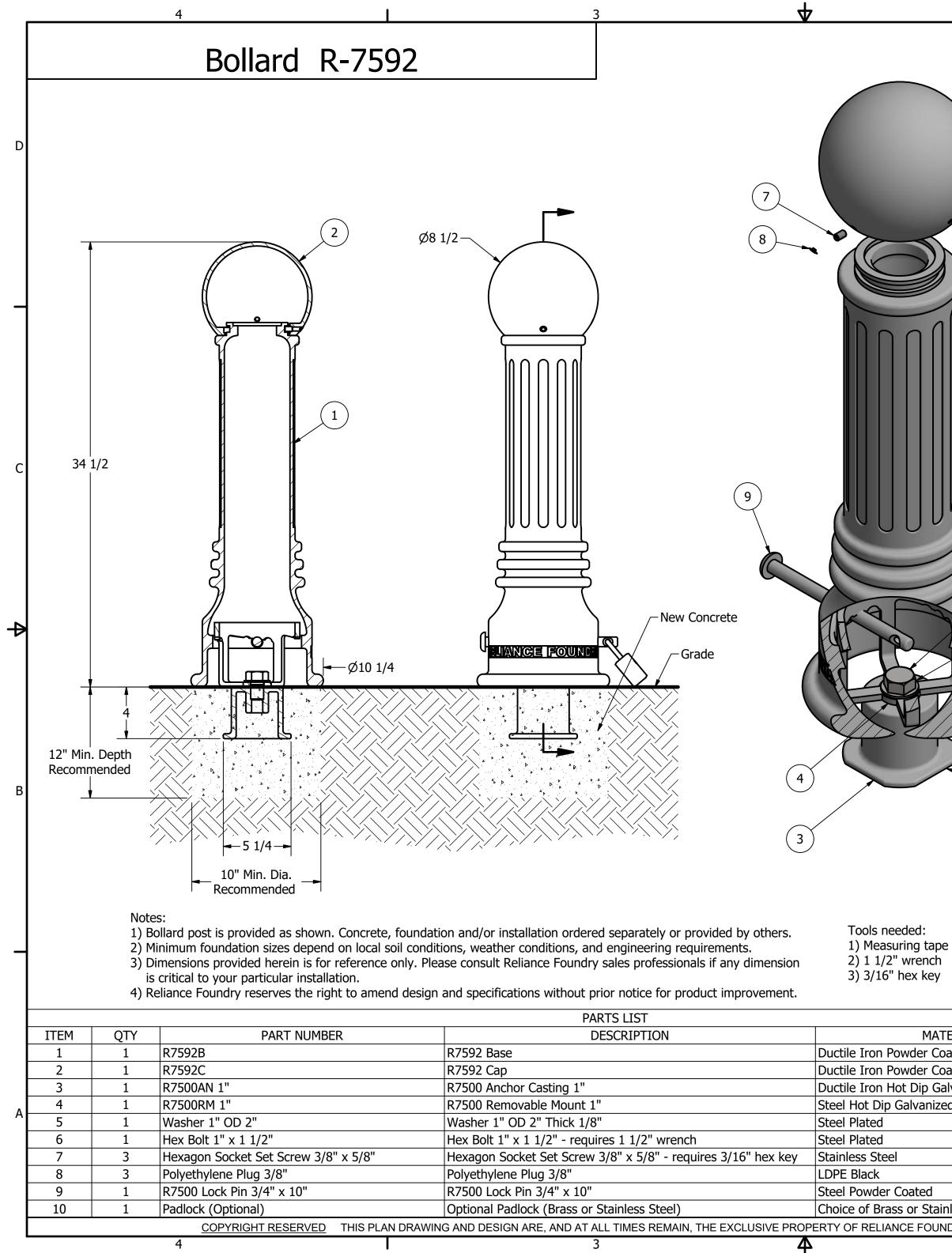
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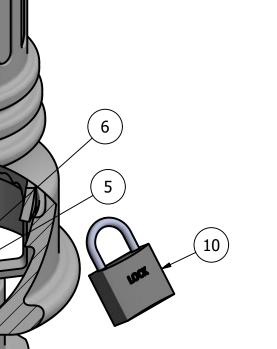
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7) Secure bollard cap with 3/8" set screws and cover set screws with plastic plugs



-) Ensure top of anchor casting is level and flush with finished concrete grade.
- 2) Wait until concrete is cured.
- 3) Tighten removable mount with 1" washer and 1" bolt.
- 4) Align and insert lock pin through bollard base.
- 5) Turn bollard base clockwise to tighten it into position.
- 6) Fasten the padlock.

General Description:

The R-7592 Decorative Bollard features a classic design, suitable for traditional and contemporary environments. R-7592 bollards are made from a versatile ductile iron, featuring decorative fluting and large spherical top castings. Bollard surfaces are protected by a durable powder coating, available in 6 standard colors, to prevent wear and corrosion. Use as fixed, stand-alone bollards or cover impact-resistant security posts. Removable mountings are available.

Specifications:

Height: 34 1/2" Base Diameter: 10 1/4" Weight: 75 lbs (Bollard Only) Material: Ductile Iron Max. Interior Security Post Size: 4 1/2" x 25" (Diameter x Height)

Finish Options:

⊙ Polyester Powdercoated

See Reliance Foundry's standard color options at: www.reliance-foundry.com/bollard/colors-bollards

Installation Options:

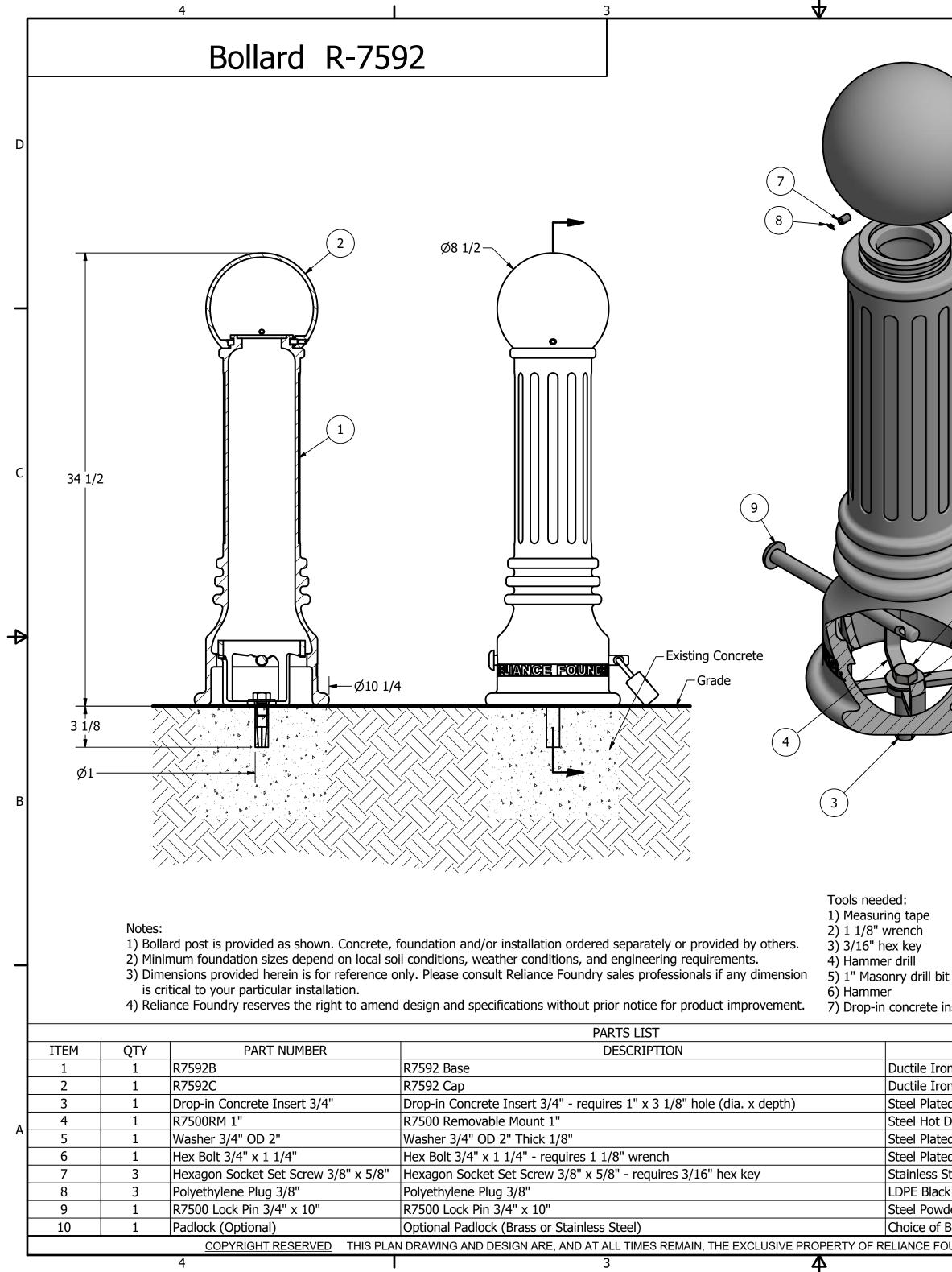
- Fixed Anchor Casting in New Concrete (see sheet 2 of 12)
- O Fixed Concrete Insert Anchor in Existing Concrete (see sheet 3 of 12)
- O Fixed Adhesive Anchor in Existing Concrete (see sheet 4 of 12)
- Fixed Anchor Casting with Concrete Form (see sheet 5 of 12)
- Post Cover New Post in New Concrete (see sheet 6 of 12)
- Post Cover New Post in Existing Concrete (see sheet 7 of 12)
- Post Cover Existing Post with Adhesive Anchor (see sheet 8 of 12)
- Post Cover Existing Post with Concrete Anchor (see sheet 9 of 12)
- Removable Anchor Casting in New Concrete (see sheet 10 of 12)
- O Removable Concrete Insert Anchor in Existing Concrete (see sheet 11 of 12)
- O Removable Premium Retractable in New Concrete (see sheet 12 of 12)

For more information on bollard post installation, please visit: www.reliance-foundry.com/bollard/installation-bollards

Care and Maintenance:

Reliance's line of bollards are finished with a long-lasting powder-coating. Proper care and maintenance are required. Regularly-performed inspections and routine cleaning will ensure that a bollard retains its aesthetic appeal and does not become damaged by the elements.

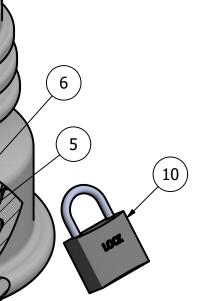
key					
MATERIAL	WEIGHT		LIANCE F		
r Coated	60 lbs	Unit 207, 64	150 - 148 Street, Su	rrey, BC V3S 7G7, Cana	da
r Coated	15 lbs		-789-3245 info@re	eliance-foundry.com	
p Galvanized	8 3/8 lbs		www.reliance-fo	undry.com	
anized	4 5/8 lbs	TITLE			
	1/8 lbs				
	5/8 lbs		Bollard R	-7592	
ed	1 1/2 lbs	SIZE	DWG NO		REV
Stainless Steel	5/8 lbs		R7592		C4
OUNDRY CO. LTD.		NOT TO SCALE		SHEET 10 OF 12	
2				1	





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9) Secure bollard cap with 3/8" set screws and cover set screws with plastic plugs.



- 1) Use hammer drill to make hole 1" dia. x 3 1/8" depth.
- 2) Clean drill hole of debris.
- 3) Insert drop-in anchor into hole
- 4) Use hammer and setting tool
- to drive plug down.
- 5) Tighten removable mount with 3/4" washer and 3/4" bolt.
- 6) Align and insert lock pin through bollard base.
- 7) Turn bollard base clockwise to tighten it into position.
- 8) Fasten the padlock.

General Description:

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Finish Options:

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See Reliance Foundry's standard color options at: www.reliance-foundry.com/bollard/colors-bollards

Installation Options:

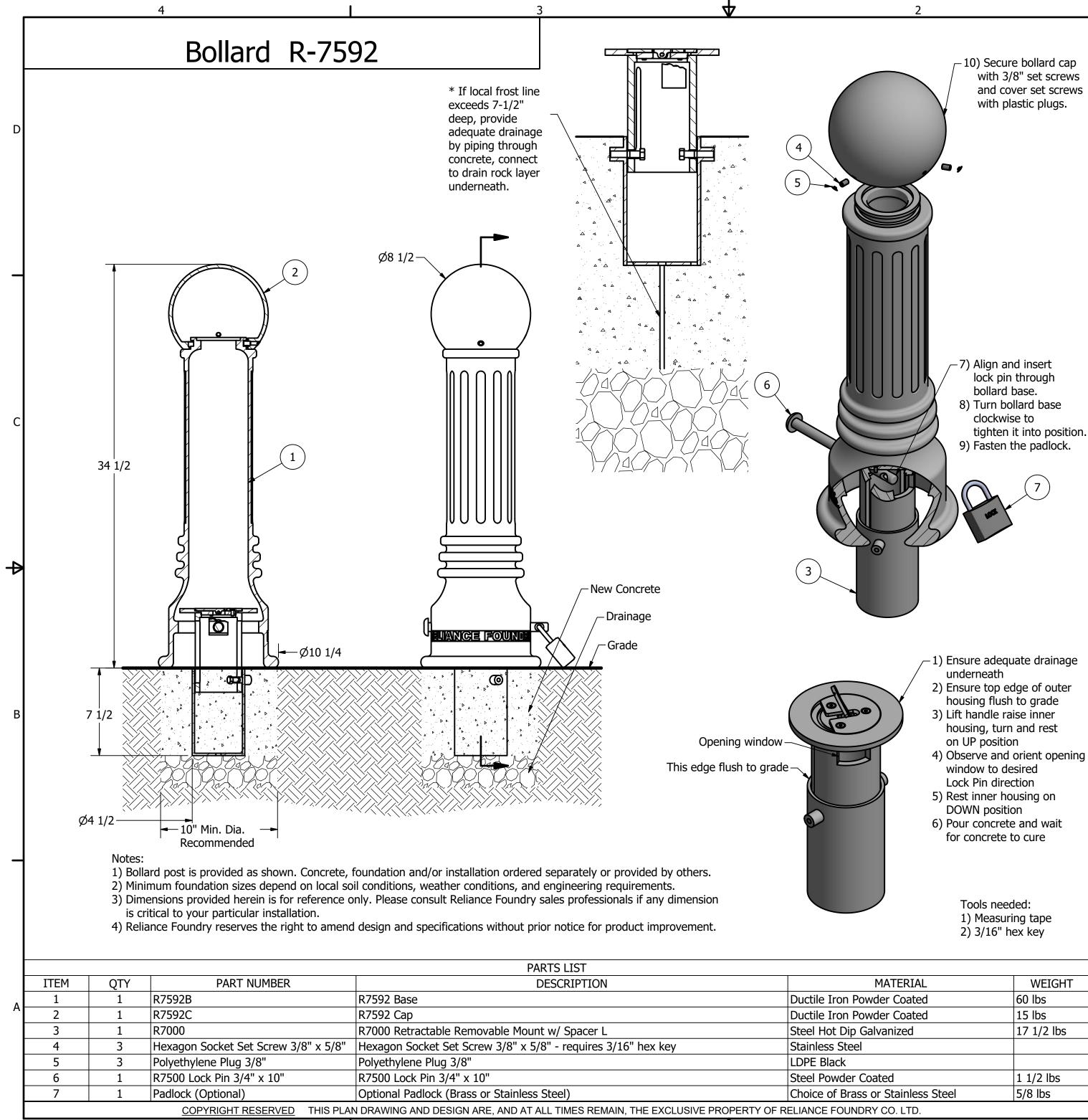
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For more information on bollard post installation, please visit: www.reliance-foundry.com/bollard/installation-bollards

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nsert setting tool		RELIANCE FOUNDRY	
	T	$\begin{array}{c} \textbf{KELIAINGE FOONDRI} \\ \bullet \bullet \bullet \bullet \bullet \bullet \bullet \bullet \bullet \bullet$	
MATERIAL	WEIGHT		
n Powder Coated	60 lbs	Unit 207, 6450 - 148 Street, Surrey, BC V3S 7G7, Car	nada
n Powder Coated	15 lbs	1-877-789-3245 info@reliance-foundry.com	
d	1/2 lbs	www.reliance-foundry.com	
Dip Galvanized	4 5/8 lbs	TITLE	
d	1/8 lbs		
d	1/4 lbs	Bollard R-7592	
iteel			
<			
ler Coated	1 1/2 lbs	SIZE DWG NO	REV
Brass or Stainless Steel	5/8 lbs	C R7592	C4
UNDRY CO. LTD.		NOT TO SCALE SHEET 11 OF 12	
2		1	



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Gonoral	Descriptio	n
General	Descriptio	

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Installation Options:

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Tools needed: 1) Measuring tape 2) 3/16" hex key			Unit 207, 6450 - 148 Street, Surrey, BC V3S 7G7, Canada				
				-789-3245 info			Ia
			1-0//	www.reliance			
MATERIAL	WEIGHT			www.reliance	e-roundry.com	<u> </u>	
Powder Coated	60 lbs	TITLE					
Powder Coated	15 lbs						
ip Galvanized	17 1/2 lbs		Bollard R-7592				
eel						—	
er Coated	1 1/2 lbs	SIZE		DWG NO			REV
rass or Stainless Steel	5/8 lbs			R7592			C4
JNDRY CO. LTD.		NOT TO	SCALE	·	SHEET	12 OF 12	
2					1		