

Primax Shoring Inc.

PO Box 338, Patterson, CA 95363

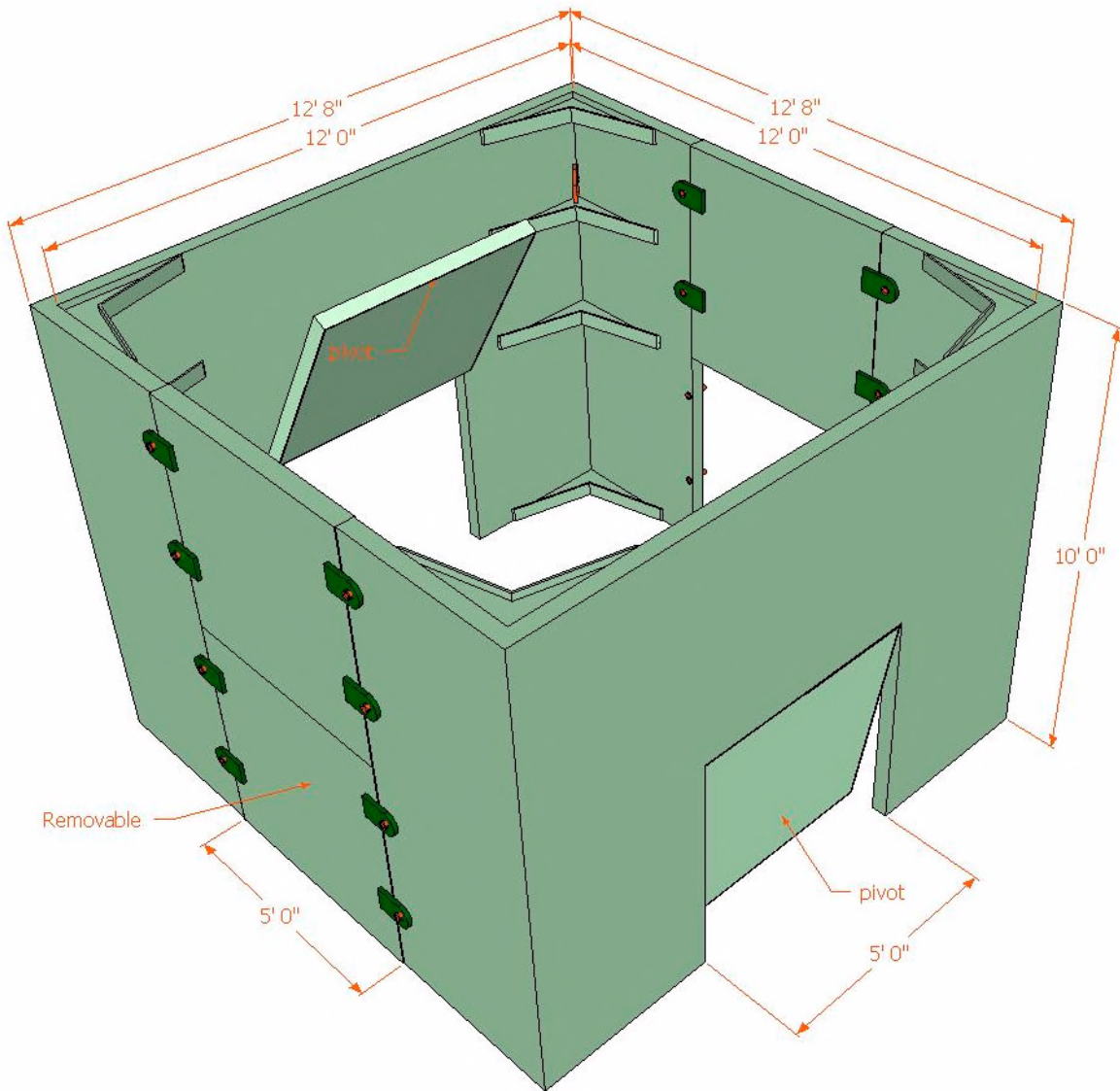
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PRIMAX

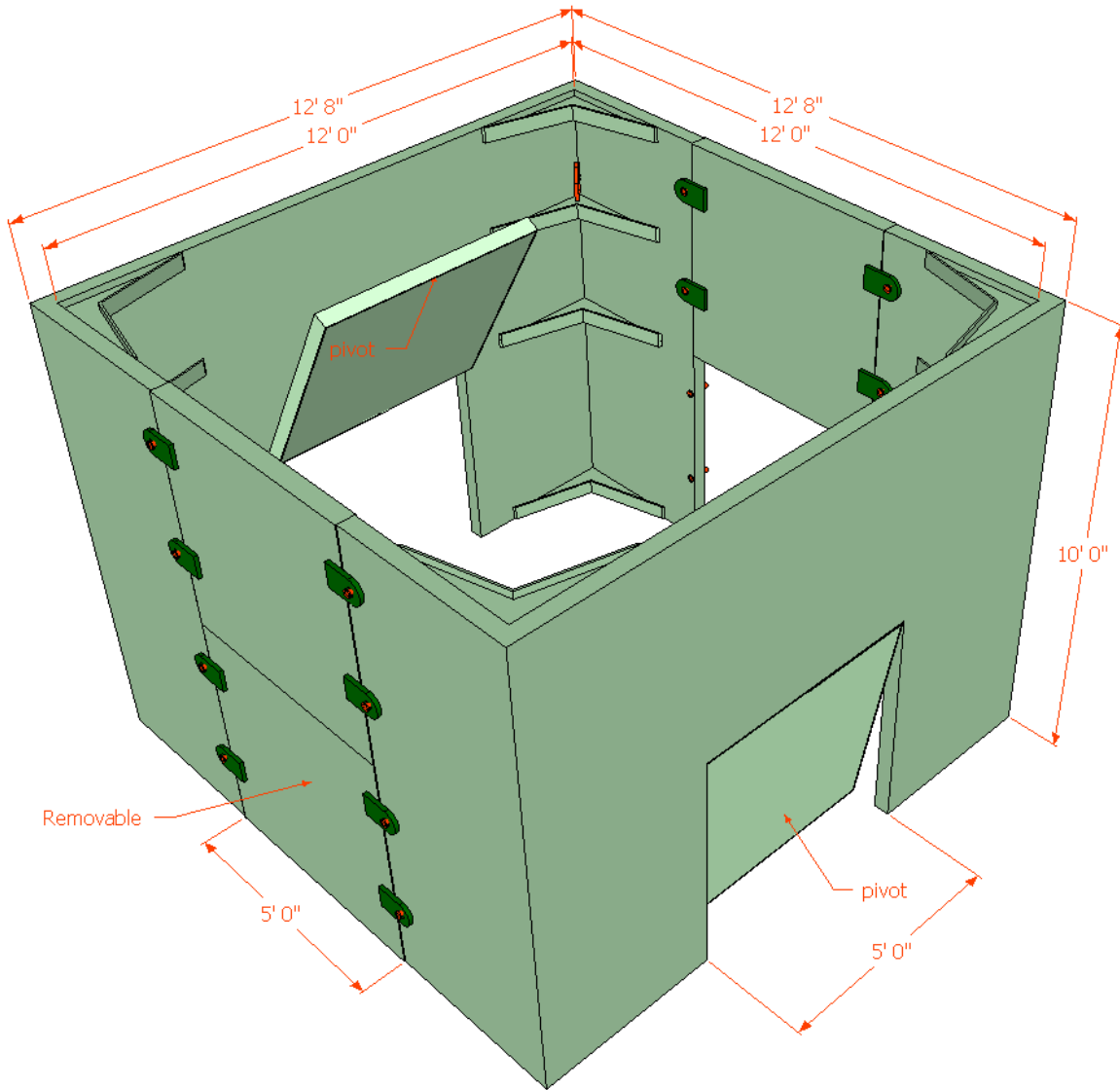
Large Manhole Box Data



4/05/2020

PRIMAX SHORING SYSTEM

MANUFACTURING TABULATED DATA SHEET



Description	Size (ft)			Weight (lb)	PSF	Comments	Allowable Depth (ft)			
	H	L	W				Soil Type			
							A-25	B-45	C-60	C-80
Manhole Box MB-U 10-12x12	10	12	12	11,550	1,560	With Doors	58	32	24	18

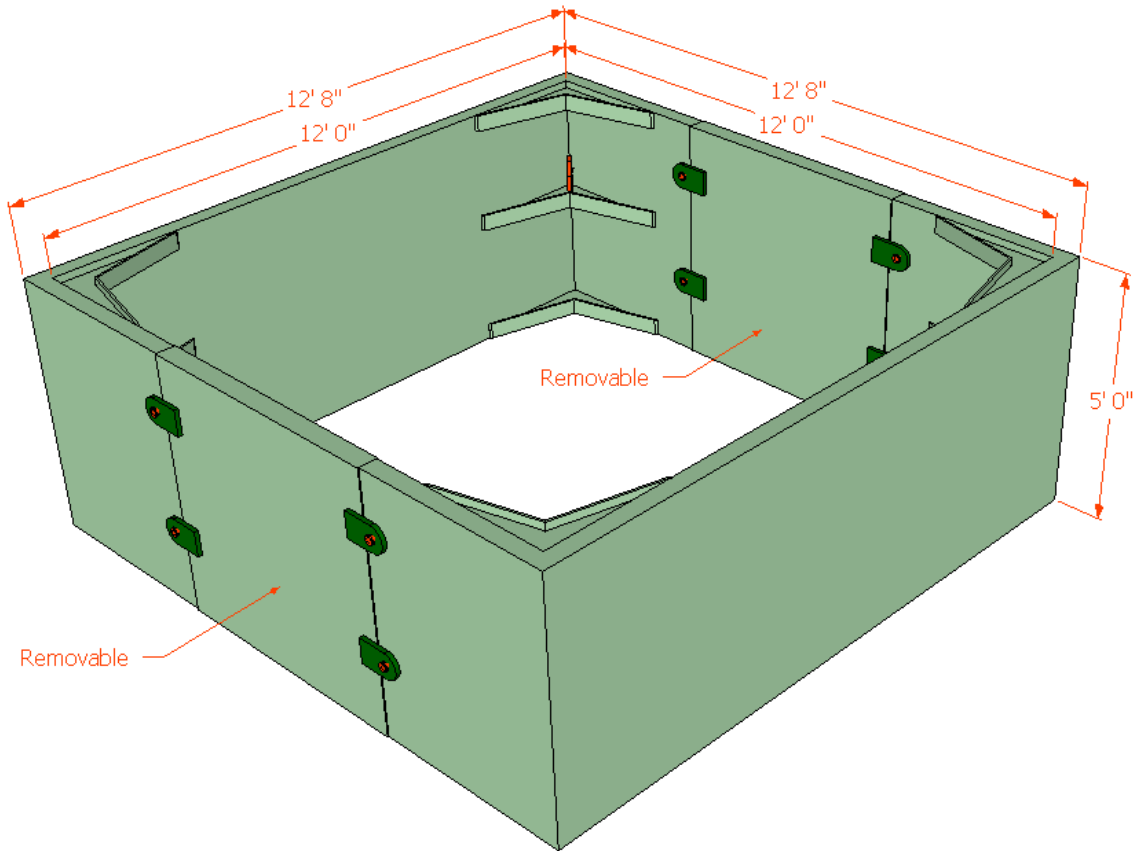
1. All excavation shall be in accordance with OSHA CFR 29, Part 1926, Subpart P, and CAL/OSHA safety orders Title 8, Sections 1504, and 1539-1547.
2. Prior to installing this equipment, soil shall be classified in accordance with OSHA Appendix A or by a registered civil engineer.
3. Manhole shield may be held 2 ft maximum above bottom of excavation while load is calculated for full depth.
4. Surcharge load shall be determined by a competent person or civil engineer.
5. Two or more Manhole shields can be stacked.
6. Soil above trench shield to be sloped per OSHA specifications.
7. Repairs and modifications shall be approved by manufacturer or RCE.
8. Allowable soil depth in the table is calculated for a surcharge load equal to 100 psf



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SIZE	FSCM NO.	DWG.	Manhole Box Shield and Stackers		
SCALE	PREP.	M. Kadiu PhD PE	REVISED	1/15/20	SHEET 1/1

Manhole Stacker



Description	Size			Weight (lb)	PSF	Comments	Allowable Depth (ft)			
	(ft)						Soil Type			
	H	L	W				A-25	B-45	C-60	C-80
Manhole Box MB-U 5-12x12	5	12	12	5,500	1,560	No Doors	58	32	24	18

1. All excavation shall be in accordance with OSHA CFR 29, Part 1926, Subpart P, and CAL/OSHA safety orders Title 8, Sections 1504, and 1539-1547.
2. Prior to installing this equipment, soil shall be classified in accordance with OSHA Appendix A or by a registered civil engineer.
3. Manhole shield may be held 2 ft maximum above bottom of excavation while load is calculated for full depth.
4. Surcharge load shall be determined by a competent person or civil engineer.
5. Two or more Manhole shields can be stacked.
6. Soil above trench shield to be sloped per OSHA specifications.
7. Repairs and modifications shall be approved by manufacturer or RCE.
8. Allowable soil depth in the table is calculated for a surcharge load equal to 100 psf.



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