



**GRINDER LIFT STATION DETAIL**  
N.T.S.

**MATERIALS LIST**

- ① 24-INCH DIAMETER GALVANIZED COVER
- ② POWER CONDUIT
- ③ 1-1/4-INCH PVC TRUE UNION VALVE (SS) HAYWARD OR EQUAL
- ④ 1-1/4-INCH PVC, COPPER, OR APPROVED EQUAL UNION
- ⑤ 1-1/4-INCH PVC, COPPER, OR APPROVED EQUAL NIPPLES
- ⑥ CHECK VALVE AND PUMP DISCONNECT HYDROMATIC, GOULD, OR APPROVED EQUAL.
- ⑦ 2 HP GRINDER PUMP – SEE NOTES
- ⑧ 1-1/4-INCH GALVANIZED PIPING, APPROXIMATELY 1.2-FT LONG
- ⑨ HOT DIPPED GALVANIZED STEEL RAIL GUIDE SYSTEM
- ⑩ HOT DIPPED GALVANIZED PUMP TECH SORT RAIL
- ⑪ 24-INCH X 60-INCH FIBERGLASS TANK

**NOTES:**

1. TOP OF TANK CAN BE SET FLUSH WITH GROUND, IF A CONCRETE PAD IS POURED AROUND THE LIFT STATION AND SLOPED AWAY FROM THE STATION. KEEP ROCKS AND DEBRIS OUT OF STATION.
2. ACCESS BOX:  
TRAFFIC AREAS – EQUAL TO CARSON MODEL 1419-14B WITH 1419-2B COVER  
TRAFFIC AREAS– H-20 RATED  
CONCRETE BOX EQUAL TO FOGTITE B9-1/2 METER BOX  
LIDS SHALL BE MARKED ELECTRICAL OR SEWER RESPECTIVELY OR HAVE NO MARKINGS AT ALL.
3. CONTROL FLOATS NOT SHOWN FOR CLARITY.

**STANDARD DETAIL**  
**SINGLE FAMILY**  
**LIFT STATION**



SCALE: AS SHOWN	DESIGNED	DRAWN CAW	APPROVED BY	DATE DRAWN 12/11/2020	CHECKED	REVISIONS			
						DATE	INITIAL	DATE	INITIAL
						01/07/2022	AJS		
						03/31/2023	JTB		

DETAIL NO.  
**S-500**

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