

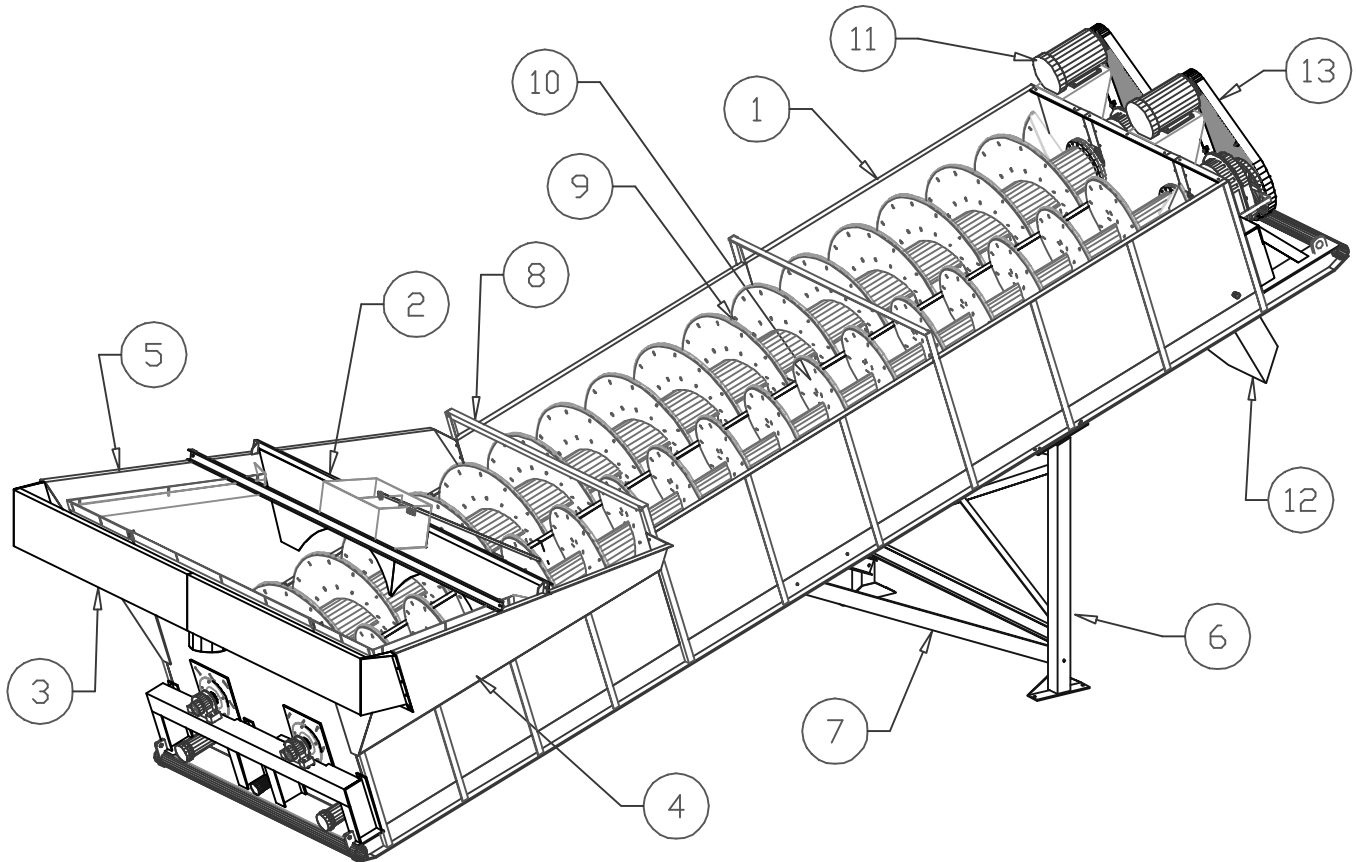
## PROJECT:

54" X 35' TWIN FINE SCREW

*Greystone*

## DESCRIPTION:

OVERALL ASSEMBLY



REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Ea.
1		TUB/SKID/UPRIGHT ASSEMBLY	1	17,300
2	000030832	INFEED HOPPER ASSEMBLY	1	700
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLTS	4	
	000010805	1/2"-13 NUTS	5	
	000010940	1/2" LOCK WASHERS	5	
	000010578	1/2"-13 x 2" BOLT	1	
3	000014783	OVERFLOW ASSEMBLY	1	500
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLTS	48	
	000010805	1/2"-13 NUTS	48	
	000010940	1/2" LOCK WASHERS	48	
	000010950	1/2" FLAT WASHERS	20	
4	000012811	WING ASSEMBLY RH	1	760
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLTS	42	
	000010805	1/2"-13 NUTS	42	
	000010940	1/2" LOCK WASHERS	42	
	000010950	1/2" FLAT WASHERS	6	

DWG. NUMBER: PF5435B1

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## PROJECT:

54" X 35' TWIN FINE SCREW

GreyStone

## DESCRIPTION:

OVERALL ASSEMBLY

REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Eq.
5	000012808	WING ASSEMBLY LH	1	760
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLTS	42	
	000010805	1/2"-13 NUTS	42	
	000010940	1/2" LOCK WASHERS	42	
	000010950	1/2" FLAT WASHERS	6	
6	000014784	TIP FRAME ASSEMBLY	1	820
		BOLTS:		
	000010605	3/4"-10 x 2" BOLTS	8	
	000010810	3/4"-10 NUTS	8	
	000010945	3/4" LOCK WASHERS	8	
7	000012493	TIP FRAME KNEE BRACE	2	95
		BOLTS: (PER KNEE BRACE)		
	000010605	3/4"-10 x 2" BOLT	2	
	000010810	3/4"-10 NUTS	4	
	000010945	3/4" LOCK WASHERS	4	
	000007654	3/4"-10 x 8" BOLT	2	
8	000012474	TUB FRAME UPRIGHT TOP SUPPORT	2	65
		BOLTS: (PER CROSS MEMBER)		
	000010605	3/4"-10 x 2" BOLTS	2	
	000010810	3/4"-10 NUTS	2	
	000010945	3/4" LOCK WASHERS	2	
9	000012554	SCREW SHAFT RH ASSEMBLY (COPMLETE)	1	8,620
10	000012555	SCREW SHAFT LH ASSEMBLY (COMPLETE)	1	8,620
11		DRIVE ASSEMBLY	1	
12	000012514	DISCHARGE CHUTE ASSEMBLY (OPTIONAL)	1	520
		BOLTS:		
	000010580	1/2"-13 X 2 1/2" BOLT	2	
	000010805	1/2"-13 NUT	2	
	000010940	1/2" LOCK WASHER	4	
13	000002056	MOTOR GUARD W/MOUNTS	2	
		BOLTS:		
	000010570	1/2"-13 X 1 1/4" BOLT	2	
	000010572	1/2"-13 X 1 1/2" BOLT	2	
	000010586	1/2"-13 X 4" BOLT	1	
	000010950	1/2" FLAT WASHER	4	
	000010940	1/2" LOCK WASHER	5	
	000010805	1/2"-13 NUT	5	
**	000005588	PIPE CAP 6" PVC	2	
**	000016060	PIPE PLUG 4" PVC	1	
**	000015010	SILICONE CAULKING (TUBE)	6	

SCREW TOTAL ESTAMATED WEIGHT 50,000 lbs.

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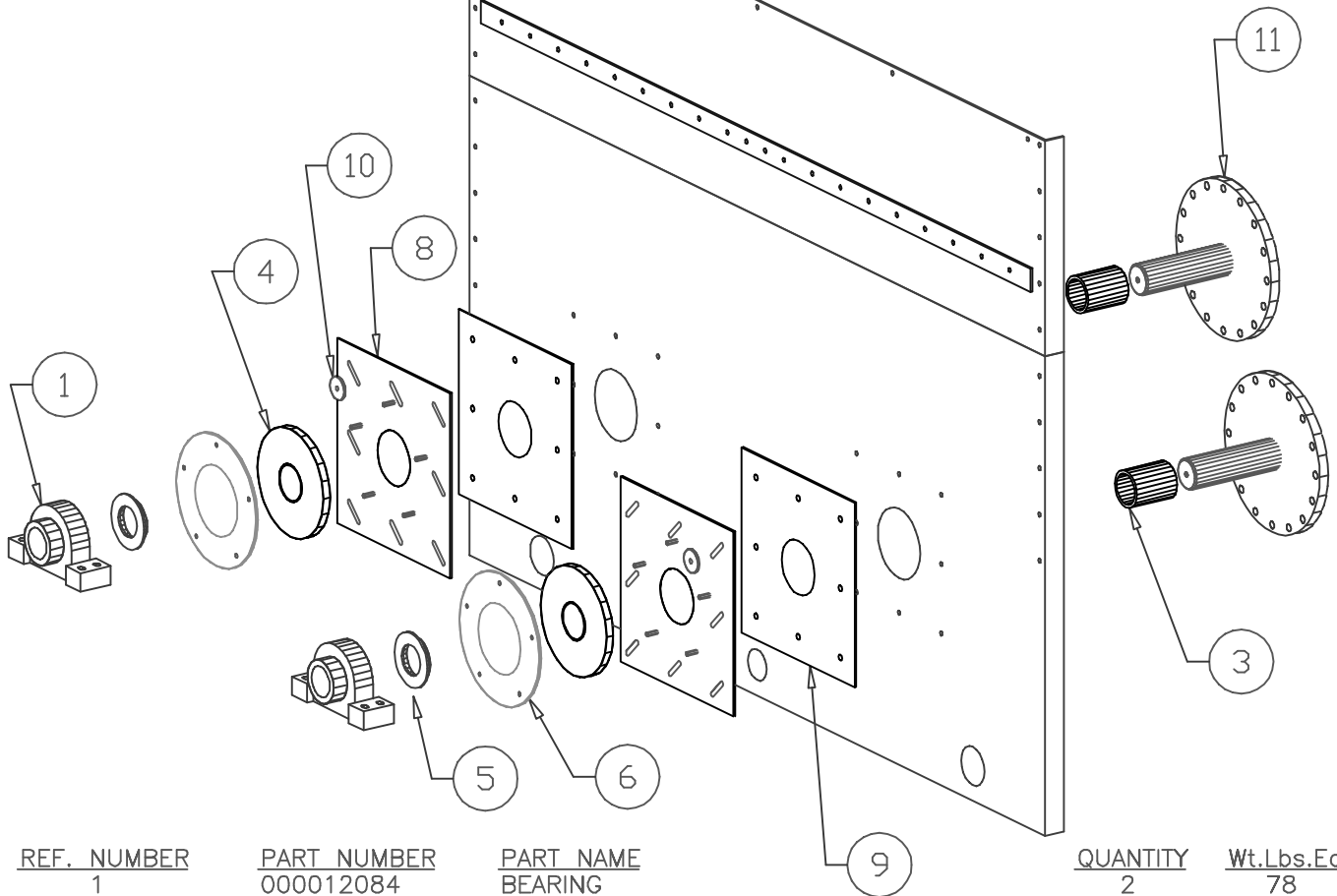
## PROJECT:

54" X 35' TWIN FINE SCREW

GreyStone

## DESCRIPTION:

LOWER END ASSEMBLY



REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Eq.
1	000012084	BEARING	2	78
BOLTS:				
	000010620	3/4"-10 x 5" BOLTS	8	
	000010810	3/4"-10 NUTS	8	
	000010945	3/4" LOCK WASHERS	8	
	000010955	3/4" FLAT WASHERS	16	
2	000031655	BEARING SHIM (OPTIONAL) (NOT SHOWN)	2	25
3	000035320	WEAR SLEEVE	2	7
4	000035290	LOWER STUB SHAFT SEAL	2	7
5	000035221	SLINGER w/COLLAR	2	3
6	000035140	SEAL RETAINER PLATE	2	20
NUTS:				
	000010805	1/2"-13 NUTS	10	
8	000035190	LOWER SEAL ADJUSTMENT PLATE	2	40
9	000035162	ADJUSTMENT PLATE GASKET	2	7
10	000030420	ADJUSTMENT PLATE WASHER	16	
	000010578	BOLTS: 2"-13 x 2" BOLTS	16	
	000010805	1/2"-13 NUTS	16	
	000010900	1/2" WASHERS	16	
		(RUBBER BACKED)	16	
11	0000039037	LOWER STUB SHAFT ASSEMBLY	2	270

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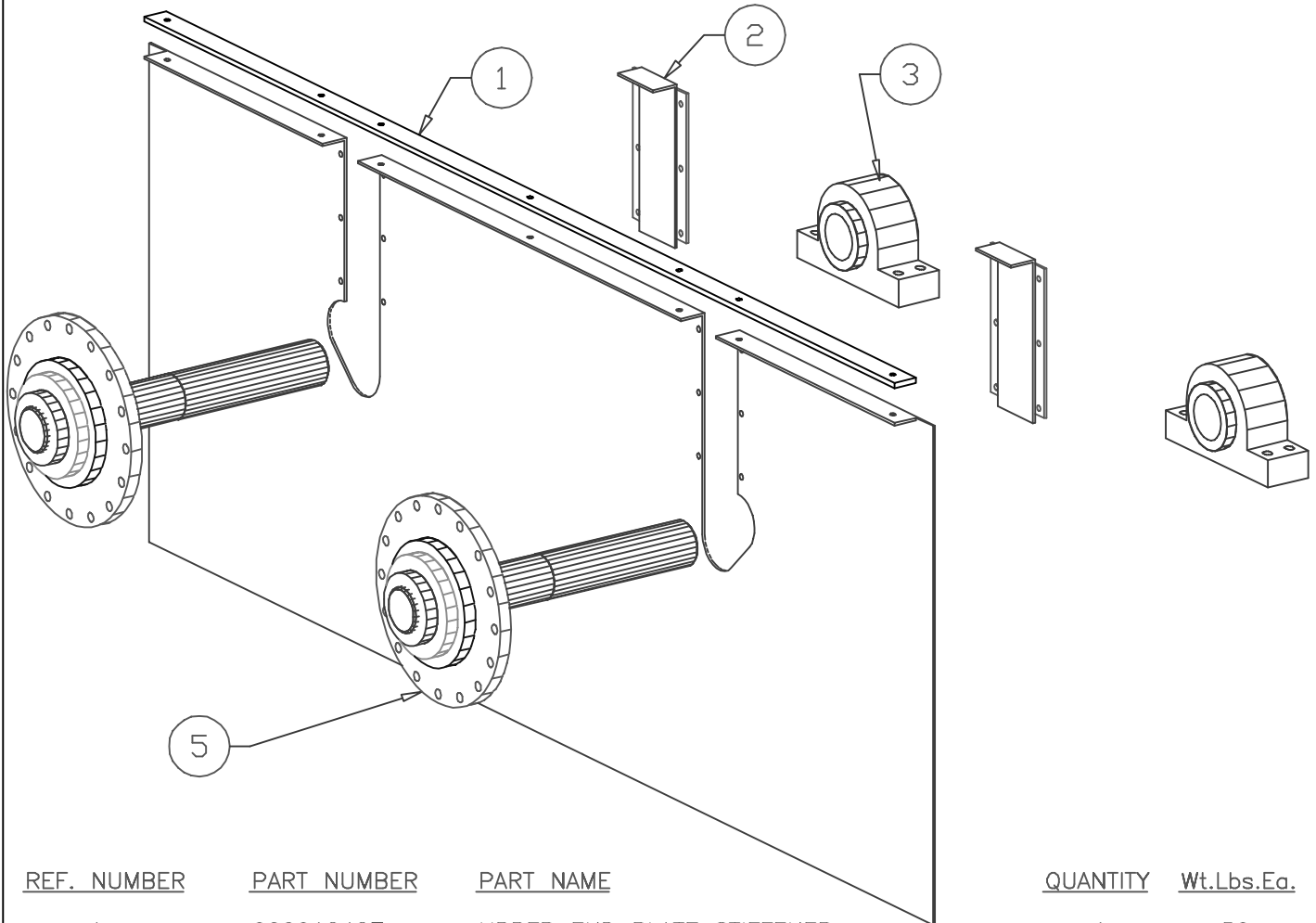
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PROJECT:  
54" X 35' TWIN FINE SCREW

*Greystone*

DESCRIPTION:  
UPPER END ASSEMBLY



REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Eq.
1	000012427	UPPER END PLATE STIFFENER	1	50
		BOLTS:		
	000010572	1/2"-13 x 1 1/2" BOLTS	7	
	000010805	1/2"-13 NUTS	7	
	000010940	1/2" LOCK WASHERS	7	
2	000009973	UPPER END PLATE FILLER	2	10
		BOLTS:		
	000010572	1/2"-13 x 1 1/2" BOLTS	12	
	000010805	1/2"-13 NUTS	12	
	000010940	1/2" LOCK WASHERS	12	
3	000012051	BEARING	2	80
		BOLTS:		
	000010620	3/4"-10 x 5" BOLTS	8	
	000010810	3/4"-10 NUTS	8	
	000010945	3/4" LOCK WASHERS	8	
	000010955	3/4" FLAT WASHERS	16	
4	000031680	BEARING SHIM (OPTIONAL) (NOT SHOWN)	2	25
5	000039038	UPPER STUB SHAFT ASSEMBLY	2	345

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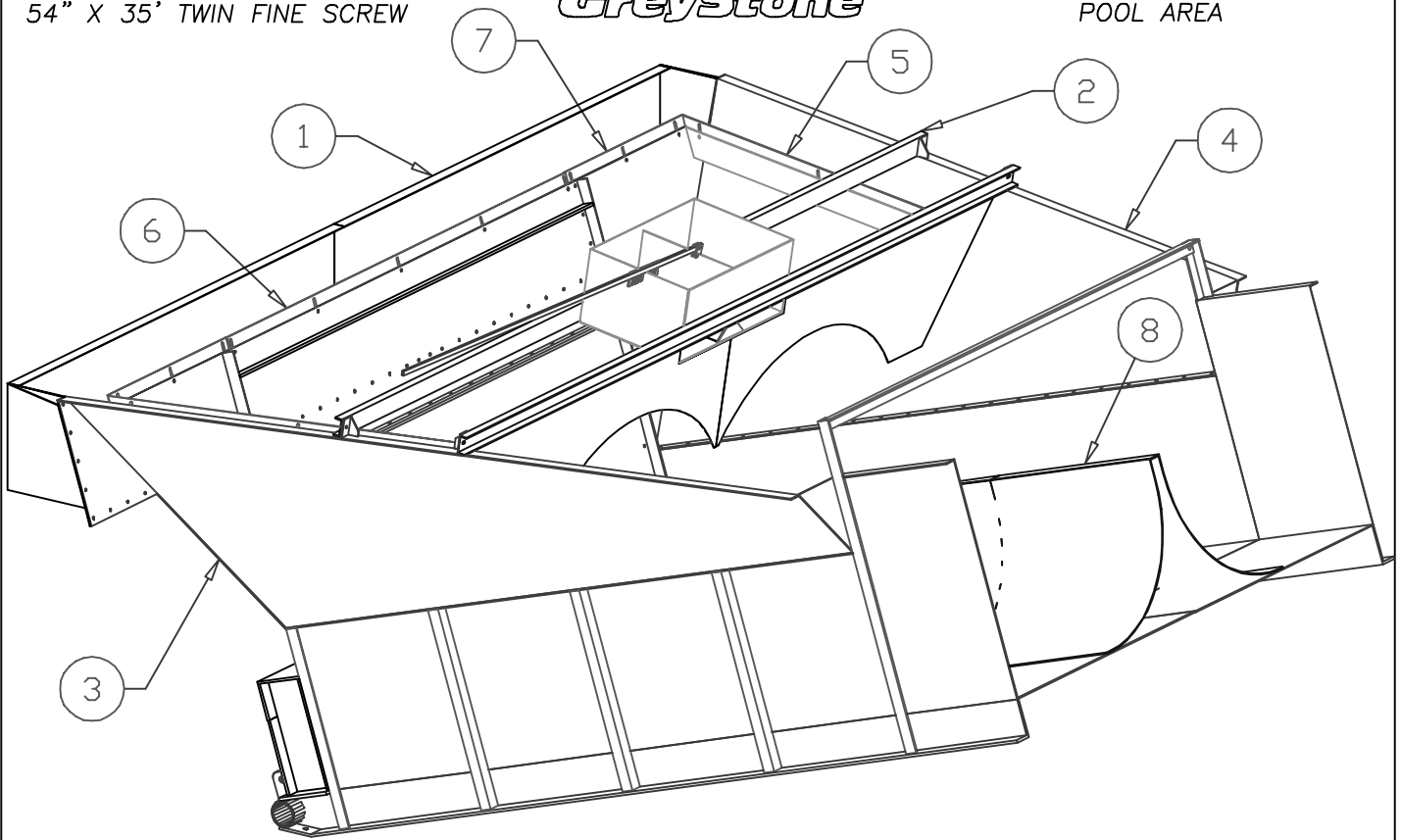
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PROJECT:  
54" X 35' TWIN FINE SCREW

**GreyStone**

DESCRIPTION:  
POOL AREA



REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Ea.
1	000014783	OVERFLOW ASSEMBLY	1	500
2	000030832	INFEED HOPPER ASSEMBLY	1	700
3	000012811	WING ASSEMBLY RH	1	760
4	000012808	WING ASSEMBLY LH	1	760
5	000012804	WING SIDE WEIR	2	25
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLTS	4	
	000010805	1/2"-13 NUTS	4	
	000010940	1/2" LOCK WASHERS	4	
6	000012429	OVERFLOW FLUME WEIR	1	35
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLTS	5	
	000010805	1/2"-13 NUTS	5	
	000010940	1/2" LOCK WASHERS	5	
7	000012805	WING END WEIR	2	15
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLTS	4	
	000010805	1/2"-13 NUTS	4	
	000010940	1/2" LOCK WASHERS	4	
8	000039083	BELLYPAN SECTION #1 LH	1	
	000039081	BELLYPAN SECTION #2 & 3 LH	2	
	000039082	BELLYPAN SECTION #1 RH	1	
	000039080	BELLYPAN SECTION #2 & 3 RH	2	
	000039117	BELLYPAN DIVIDER	3	

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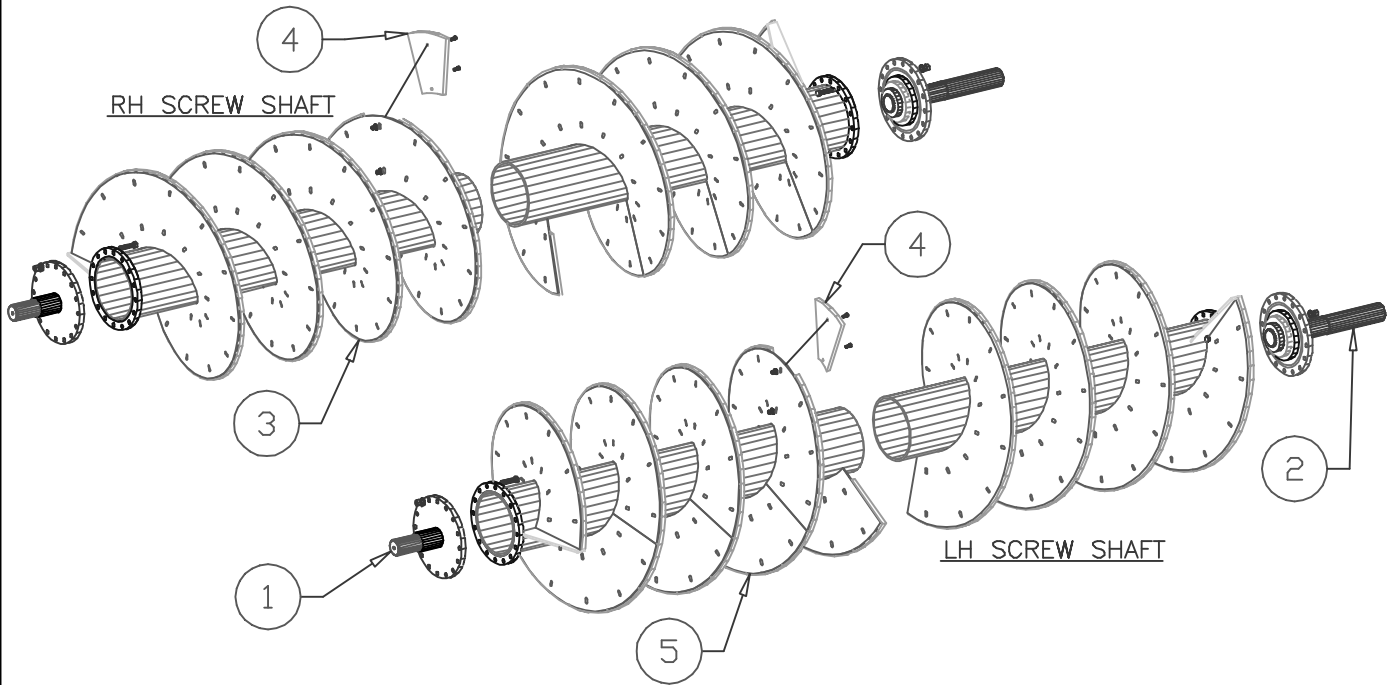
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PROJECT:  
54" X 35" TWIN FINE SCREW

**GreyStone**

DESCRIPTION:  
SCREW SHAFT



	<u>PART NUMBER</u>	<u>PART NAME</u>	<u>QUANTITY</u>	<u>Wt.Lbs.Ea.</u>
1	000039037	LOWER STUB SHAFT ASSEMBLY	1	
2	000039038	UPPER STUB SHAFT ASSEMBLY	1	
		BOLTS:		
	000010725	7/8"-14 x 4" BOLTS Gr. 8	32	
	000010860	7/8"-14 NUTS Gr. 8	32	
	000010947	7/8" LOCK WASHERS	32	
	000039040	<u>RH SCREW SHAFT</u>	1	
3	000014852	RH FLIGHT (RUBBER) 1/2 PITCH	14 1/2	
4	000035590	WEAR SHOES (RUBBER)	174	
	000039107	<u>LH SCREW SHAFT</u>	1	
5	000014853	LH FLIGHT (RUBBER) 1/2 PITCH	14 1/2	
4	000035590	WEAR SHOES (RUBBER)	174	
		BOLTS WEAR SHOES:		
	000010570	1/2"- 13 x 1 1/4" BOLTS	696	
	000010805	1/2"-13 NUTS	696	
	000010940	1/2" LOCK WASHERS	696	
	000010950	1/2" WASHERS	696	

SCREW SHAFT RH ESTIMATED WEIGHT  
SCREW SHAFT LH ESTIMATED WEIGHT

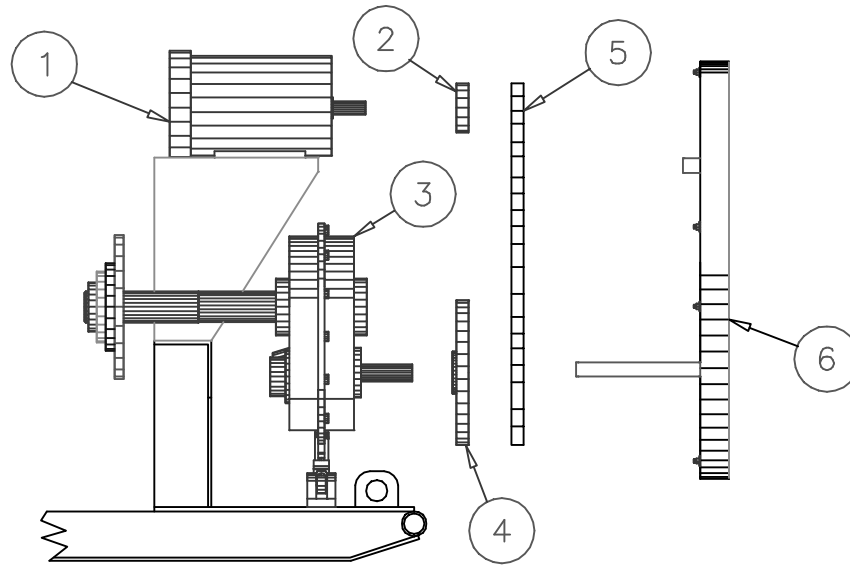
## PROJECT:

54" X 35' TWIN FINE SCREW

GreyStone

## DESCRIPTION:

DRIVE ASSEMBLY

15 RPM SCREW SPEED

REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Eq.
1		MOTOR 30HP, 1750RPM, TEFC 286T	2	400
		BOLTS:		
	000010578	1/2"-13 x 2" BOLT	8	
	000010805	1/2"-13 NUT	8	
	000010940	1/2" LOCK WASHER	8	
2	000007437	MOTOR SHEAVE SIZE 2B-6.6 QD	2	9
	000016832	MOTOR SHEAVE BUSHING SDS 1 7/8"	2	2
3	000002324	GEARBOX DODGE TA8407H40 TB	2	507
	000001094	GEARBOX BUSHING DODGE TA8407HTB X 4 7/16"	2	26
	000012726	TORQUE ARM DODGE TA7315/8407RA	2	44
		BOLTS:		
	000010615	3/4"-10 X 4" BOLT	2	
	000010810	3/4"-10 NUT	2	
	000010945	3/4" LOCK WASHER	2	
4	000000163	GEARBOX SHEAVE 2B-20.0 QD	2	30
	000016862	GEARBOX SHEAVE BUSHING SF 2 7/16"	2	4
5	000016579	BELT SIZE BX-124	4	2
6	000002056	MOTOR GUARD	2	
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLT	4	
	000010572	1/2"-13 x 1 1/2" BOLT	4	
	000010586	1/2"-13 x 4" BOLT	4	
	000010805	1/2"-13 NUT	10	
	000010940	1/2" LOCK WASHER	10	

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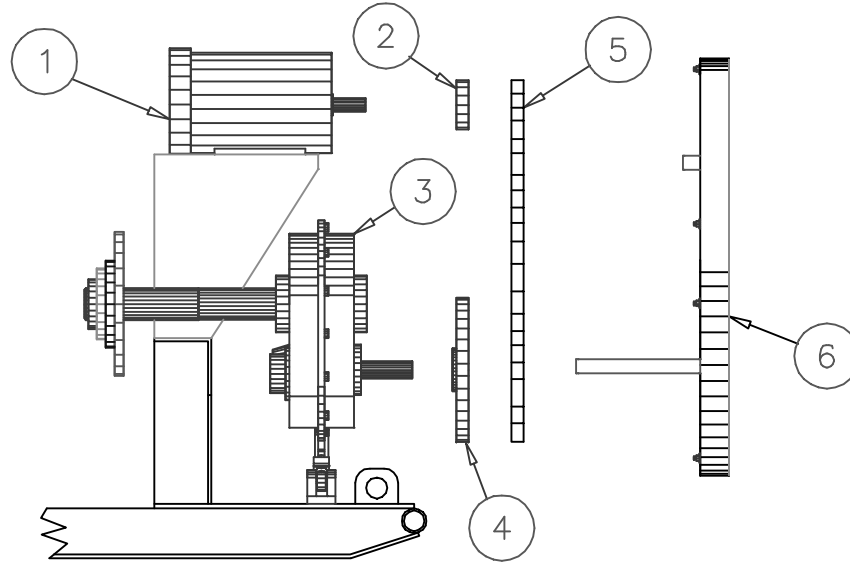
## PROJECT:

54" X 35' TWIN FINE SCREW

GreyStone

## DESCRIPTION:

DRIVE ASSEMBLY



12 RPM SCREW SPEED

REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Eq.
1		MOTOR 20HP, 1750RPM, TEFC 256T	2	400
		BOLTS:		
	000010578	1/2"-13 x 2" BOLT	8	
	000010805	1/2"-13 NUT	8	
	000010940	1/2" LOCK WASHER	8	
2	000026210	MOTOR SHEAVE SIZE 2B-5.0 QD	2	9
	000016830	MOTOR SHEAVE BUSHING SDS 1 5/8"	2	2
3	000002324	GEARBOX DODGE TA8407H40 TB	2	507
	000001094	GEARBOX BUSHING DODGE TA8407HTB X 4 7/16"	2	26
	000012726	TORQUE ARM DODGE TA7315/8407RA	2	44
		BOLTS:		
	000010615	3/4"-10 X 4" BOLT	2	
	000010810	3/4"-10 NUT	2	
	000010945	3/4" LOCK WASHER	2	
4	000000163	GEARBOX SHEAVE 2B-20.0 QD	2	30
	000016862	GEARBOX SHEAVE BUSHING SF 2 7/16"	2	4
5	000016178	BELT SIZE BX-120	4	2
6	000002056	MOTOR GUARD	2	
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLT	4	
	000010572	1/2"-13 x 1 1/2" BOLT	4	
	000010586	1/2"-13 x 4" BOLT	4	
	000010805	1/2"-13 NUT	10	
	000010940	1/2" LOCK WASHER	10	

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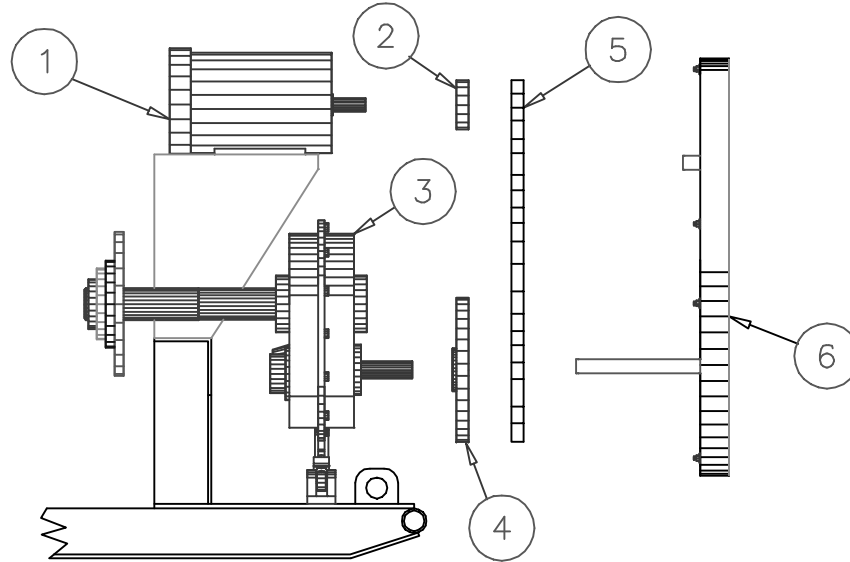
## PROJECT:

54" X 35' TWIN FINE SCREW

GreyStone

## DESCRIPTION:

DRIVE ASSEMBLY



8 RPM SCREW SPEED

REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Eq.
1		MOTOR 15HP, 1750RPM, TEFC 254T	2	400
		BOLTS:		
	000010578	1/2"-13 x 2" BOLT	8	
	000010805	1/2"-13 NUT	8	
	000010940	1/2" LOCK WASHER	8	
2	0000026210	MOTOR SHEAVE SIZE 2B-5.0 QD	2	9
	000016830	MOTOR SHEAVE BUSHING SDS 1 5/8"	2	2
3	000002324	GEARBOX DODGE TA8407H40 TB	2	507
	000001094	GEARBOX BUSHING DODGE TA8407HTB X 4 7/16"	2	26
	000012726	TORQUE ARM DODGE TA7315/8407RA	2	44
		BOLTS:		
	000010615	3/4"-10 X 4" BOLT	2	
	000010810	3/4"-10 NUT	2	
	000010945	3/4" LOCK WASHER	2	
4	000016950	GEARBOX SHEAVE 2B-30.0 QD	2	30
	000016862	GEARBOX SHEAVE BUSHING SF 2 7/16"	2	4
5	000016561	BELT SIZE B-140	4	2
6	000002056	MOTOR GUARD	2	
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLT	4	
	000010572	1/2"-13 x 1 1/2" BOLT	4	
	000010586	1/2"-13 x 4" BOLT	4	
	000010805	1/2"-13 NUT	10	
	000010940	1/2" LOCK WASHER	10	

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