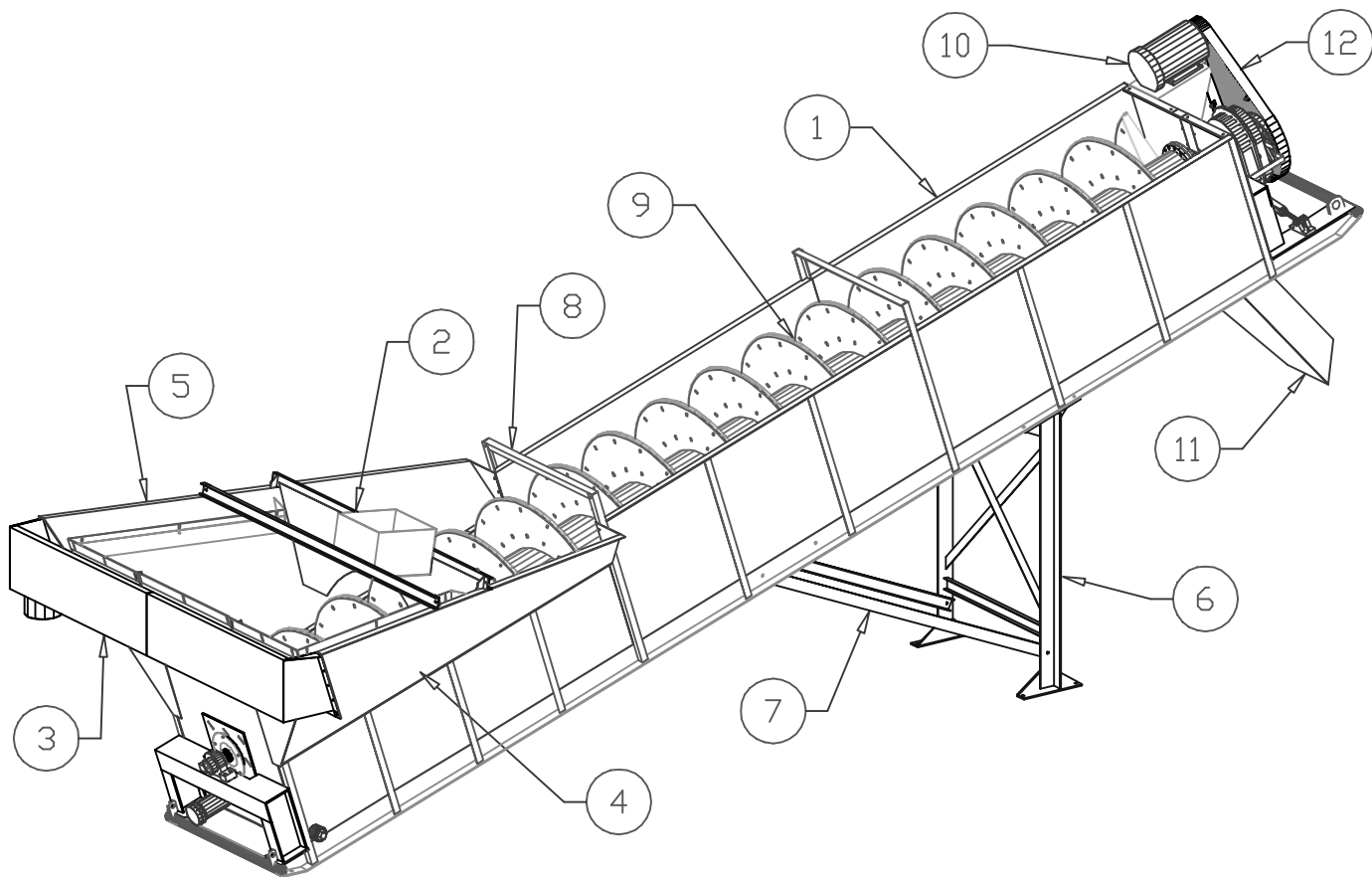


PROJECT:  
54" X 35' SINGLE FINE SCREW

**Greystone**

DESCRIPTION:  
OVERALL ASSEMBLY



REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Ea.
1	000008157	TUB/SKID/UPRIGHT ASSEMBLY	1	10,140
2	000038030	INFEED HOPPER ASSEMBLY	1	400
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLTS	4	
	000010805	1/2"-13 NUTS	4	
	000010940	1/2" LOCK WASHERS	4	
3	000039042	OVERFLOW TROUGH ASSEMBLY	1	395
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLTS	38	
	000010805	1/2"-13 NUTS	38	
	000010940	1/2" LOCK WASHERS	38	
	000010950	1/2" FLAT WASHERS	10	
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: PF5435A1

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## PROJECT:

54" X 35' SINGLE FINE SCREW

GreyStone

## DESCRIPTION:

OVERALL ASSEMBLY

REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Ea.
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	000039043	TIP FRAME ASSEMBLY	1	450
		BOLTS:		
	000010605	3/4"-10 x 2" BOLTS	8	
	000010810	3/4"-10 NUTS	8	
	000010945	3/4" LOCK WASHERS	8	
7	000007891	TIP FRAME KNEE BRACE	2	60
		BOLTS: (PER KNEE BRACE)		
	000010605	3/4"-10 x 2" BOLT	2	
	000010810	3/4"-10 NUTS	2	
	000010945	3/4" LOCK WASHERS	2	
8	000008135	TUB FRAME UPRIGHT TOP SUPPORT	2	35
		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 (COMPLETE)	1	8,620
10		DRIVE ASSEMBLY	1	
11	000014735	DISCHARGE CHUTE ASSEMBLY (OPTIONAL)	1	340
		BOLTS:		
	000010580	1/2"-13 X 2 1/2" BOLT	2	
	000010805	1/2"-13 NUT	2	
	000010940	1/2" LOCK WASHER	4	
12		MOTOR GUARD		
	000014742	MOTOR GUARD FRONT ASSEMBLY	1	75
	000014743	MOTOR GUARD BACK ASSEMBLY	1	90
		BOLTS:		
	000010580	1/2"-13 X 2 1/2" BOLT	7	
	000010805	1/2"-13 NUT	7	
	000010940	1/2" LOCK WASHER	7	
**	000005588	PIPE CAP 6" PVC	1	
**	000016060	PIPE PLUG 4" PVC	1	
**	000015010	SILICONE CAULKING (TUBE)	5	

SCERW TOTAL ESTAMATED WEIGHT 26,000 lbs.

DWG. NUMBER: PF5435A1

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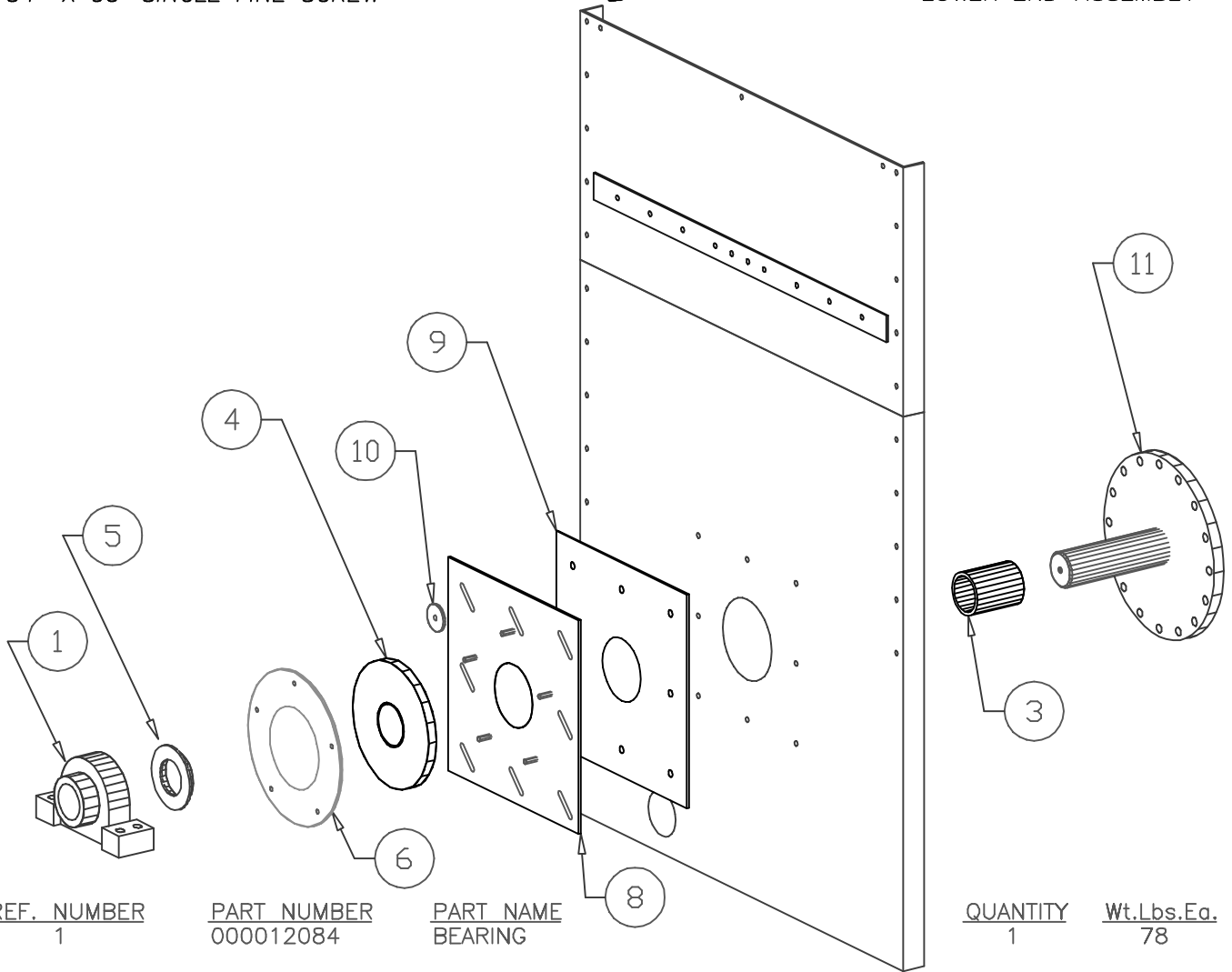
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PROJECT:  
54" X 35' SINGLE FINE SCREW

**GreyStone**

DESCRIPTION:  
LOWER END ASSEMBLY



REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Eq.
1	000012084	BEARING	1	78
BOLTS:				
	000010620	3/4"-10 x 5" BOLTS	4	
	000010810	3/4"-10 NUTS	4	
	000010945	3/4" LOCK WASHERS	4	
	000010955	3/4" FLAT WASHERS	8	
2	000031655	BEARING SHIM (OPTIONAL) ( NOT SHOWN)	1	25
3	000035320	WEAR SLEEVE	1	7
4	000035290	LOWER STUB SHAFT SEAL	1	7
5	000035221	SLINGER ASSEMBLY	1	3
6	000035140	SEAL RETAINER PLATE	1	20
NUTS:				
	000010805	1/2"-13 NUTS	5	
8	000035190	LOWER SEAL ADJUSTMENT PLATE	1	40
9	000035162	ADJUSTMENT PLATE GASKET	1	7
10	000030420	ADJUSTMENT PLATE WASHER	8	
	000010578	BOLTS: 2"-13 x 2" BOLTS	8	
	000010805	1/2"-13 NUTS	8	
	000010900	1/2" WASHERS	8	
		(RUBBER BACKED)		
11	000015885	LOWER STUB SHAFT ASSEMBLY w/o SLEEVE	1	263
11B	000039037	LOWER STUB SHAFT ASSEMBLY w/SLEEVE	1	270

DWG. NUMBER: PF5435A2

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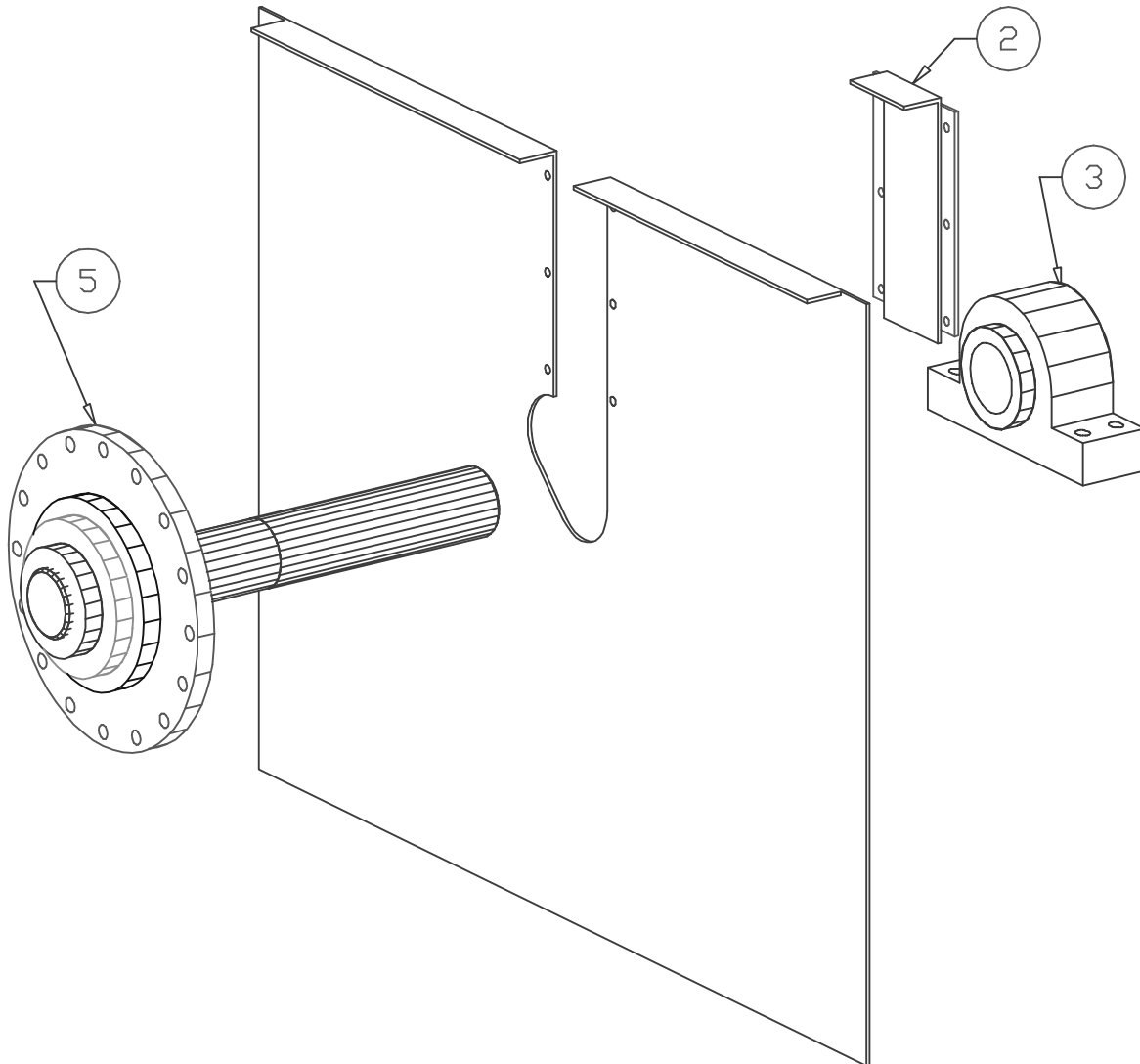
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PROJECT:  
54" X 35' SINGLE FINE SCREW

*Greystone*

DESCRIPTION:  
UPPER END ASSEMBLY



REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Eq.
2	000009973	UPPER END PLATE FILLER	1	10
	000010572	BOLTS:		
	000010805	1/2"-13 x 1 1/2" BOLTS	6	
	000010940	1/2"-13 NUTS	6	
		1/2" LOCK WASHERS	6	
3	000012051	BEARING	1	80
	000010620	BOLTS:		
	000010810	3/4"-10 x 5" BOLTS	4	
	000010945	3/4"-10 NUTS	4	
	000010955	3/4" LOCK WASHERS	4	
		3/4" FLAT WASHERS	8	
4	000031680	BEARING SHIM (OPTIONAL) (NOT SHOWN)	1	25
5	000039038	UPPER STUB SHAFT ASSEMBLY	1	345

DWG. NUMBER: PF5435A3

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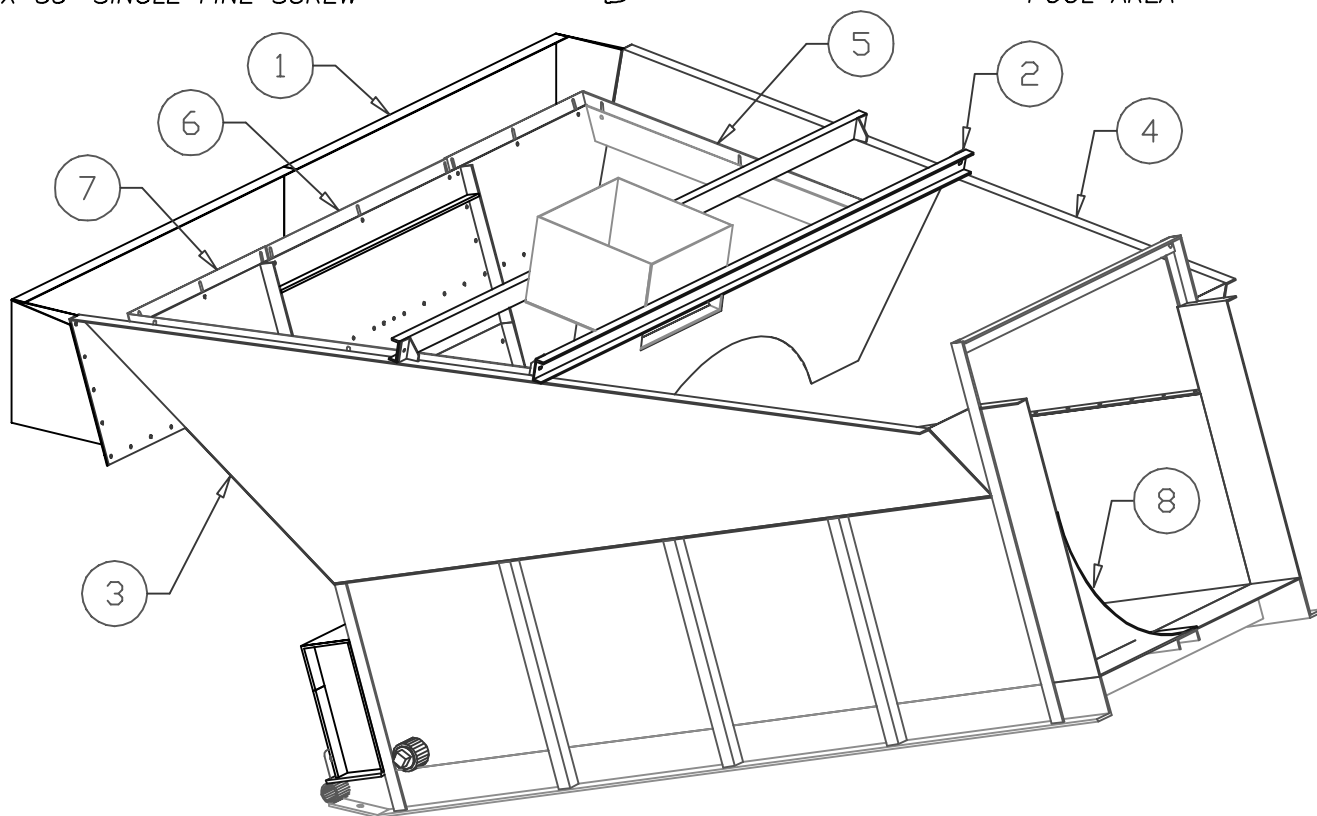
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PROJECT:  
54" X 35' SINGLE FINE SCREW

*GreyStone*

DESCRIPTION:  
POOL AREA



REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Eq.
1	000039042	OVERFLOW ASSEMBLY	1	395
2	000038030	INFEEED HOPPER ASSEMBLY	1	400
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	000009972	OVERFLOW FLUME WEIR	1	15
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLTS	3	
	000010805	1/2"-13 NUTS	3	
	000010940	1/2" LOCK WASHERS	3	
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	000039034	BELLYPAN SECTION #1	1	
	000039033	BELLYPAN SECTION #2 & #3	2	
	000039036	BELLYPAN DIVIDER	3	

DWG. NUMBER: PF5435A4

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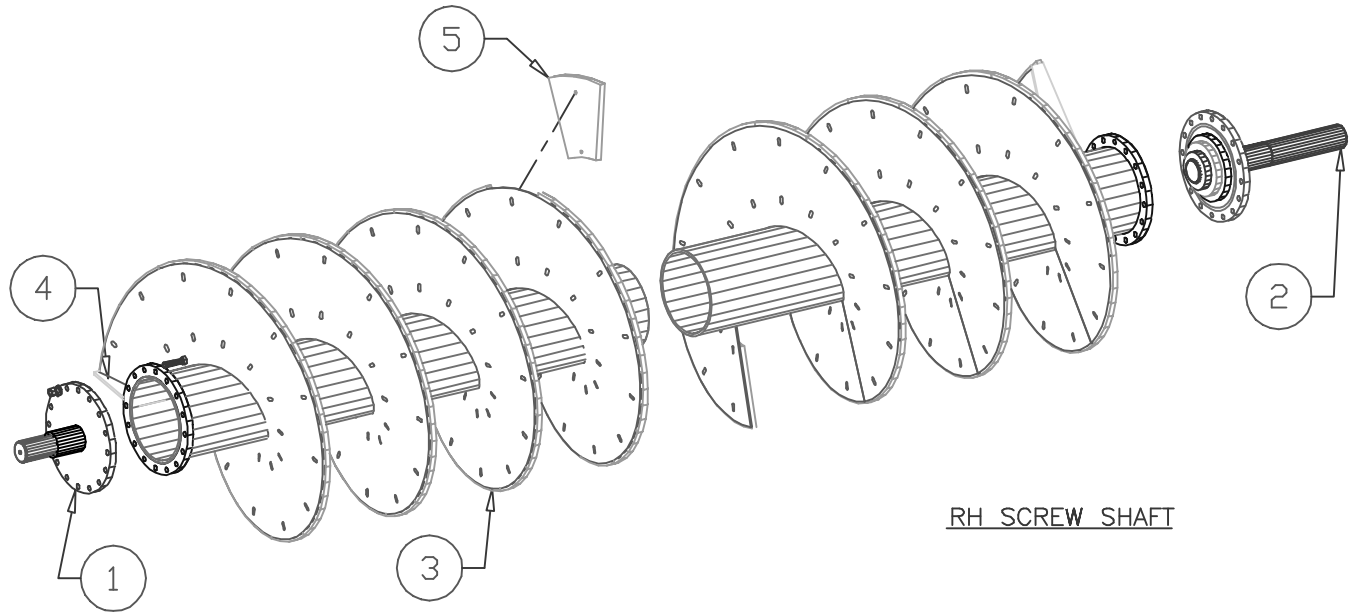
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PROJECT:  
54" X 35" SINGLE FINE SCREW

*GreyStone*

DESCRIPTION:  
SCREW SHAFT



	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Eq.
1	000039037	LOWER STUB SHAFT w/SLEEVE	1	270
2	000039038	UPPER STUB SHAFT ASSEMBLY	1	345
		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	6,625
3	000014852	54" RH FLIGHT	14 1/2	3,110
4	000012553	FLIGHT GUSSET	2	13
5	000035590	WEAR SHOES (RUBBER)	174	1,995
		BOLTS WEAR SHOES:		
	000010570	1/2"- 13 x 1 1/4" BOLTS	348	
	000010805	1/2"-13 NUTS	348	
	000010940	1/2" LOCK WASHERS	348	
	000010950	1/2" WASHERS	348	

SCREW SHAFT RH ESTIMATED WEIGHT 8,620

DWG. NUMBER: PF5435A5

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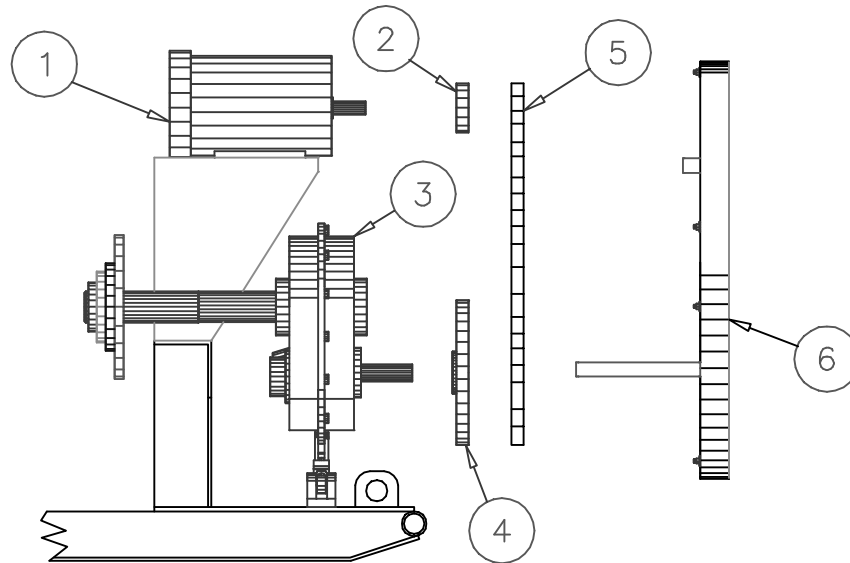
## PROJECT:

54" X 35' SINGLE 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	1	400
		BOLTS:		
	000010578	1/2"-13 x 2" BOLT	4	
	000010805	1/2"-13 NUT	4	
	000010940	1/2" LOCK WASHER	4	
2	000007437	MOTOR SHEAVE SIZE 2B-6.6 QD	1	9
	000016832	MOTOR SHEAVE BUSHING SDS 1 7/8"	1	2
3	000002324	GEARBOX DODGE TA8407H40 TB	1	507
	000001094	GEARBOX BUSHING DODGE TA8407HTB X 4 7/16"	1	26
	000012726	TORQUE ARM DODGE TA7315/8407RA	1	44
		BOLTS:		
	000010615	3/4"-10 X 4" BOLT	1	
	000010810	3/4"-10 NUT	1	
	000010945	3/4" LOCK WASHER	1	
4	000000163	GEARBOX SHEAVE 2B-20.0 QD	1	30
	000016862	GEARBOX SHEAVE BUSHING SF 2 7/16"	1	4
5	000000000	BELT SIZE BX-	2	2
6	000002056	MOTOR GUARD	1	
		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	2	
	000010805	1/2"-13 NUT	5	
	000010940	1/2" LOCK WASHER	5	

DWG. NUMBER: PF5435A6

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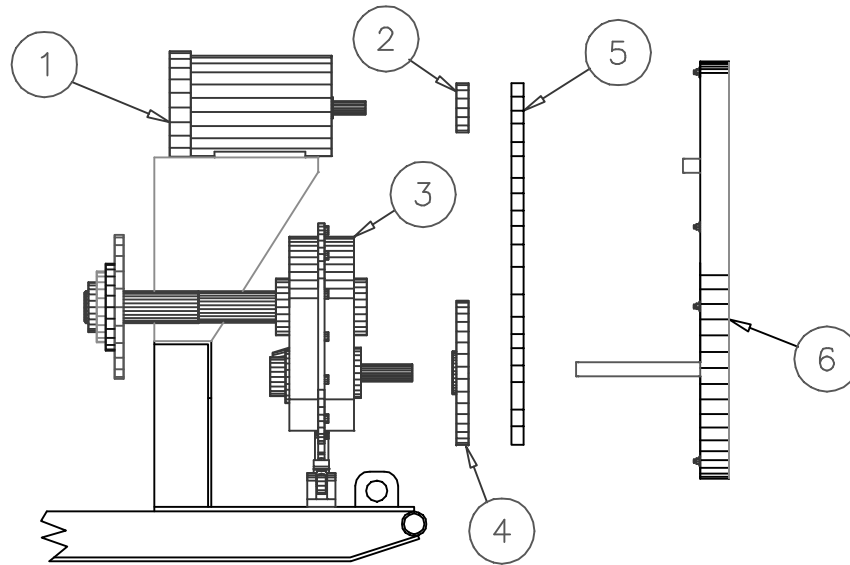
## PROJECT:

54" X 35' SINGLE 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	1	400
		BOLTS:		
	000010578	1/2"-13 x 2" BOLT	4	
	000010805	1/2"-13 NUT	4	
	000010940	1/2" LOCK WASHER	4	
2	000026210	MOTOR SHEAVE SIZE 2B-5.0 QD	1	9
	000016830	MOTOR SHEAVE BUSHING SDS 1 5/8"	1	2
3	000002324	GEARBOX DODGE TA8407H40 TB	1	507
	000001094	GEARBOX BUSHING DODGE TA8407HTB X 4 7/16"	1	26
	000012726	TORQUE ARM DODGE TA7315/8407RA	1	44
		BOLTS:		
	000010615	3/4"-10 X 4" BOLT	1	
	000010810	3/4"-10 NUT	1	
	000010945	3/4" LOCK WASHER	1	
4	000000163	GEARBOX SHEAVE 2B-20.0 QD	1	30
	000016862	GEARBOX SHEAVE BUSHING SF 2 7/16"	1	4
5	000000000	BELT SIZE BX-	2	2
6	000002056	MOTOR GUARD	1	
		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	2	
	000010805	1/2"-13 NUT	5	
	000010940	1/2" LOCK WASHER	5	

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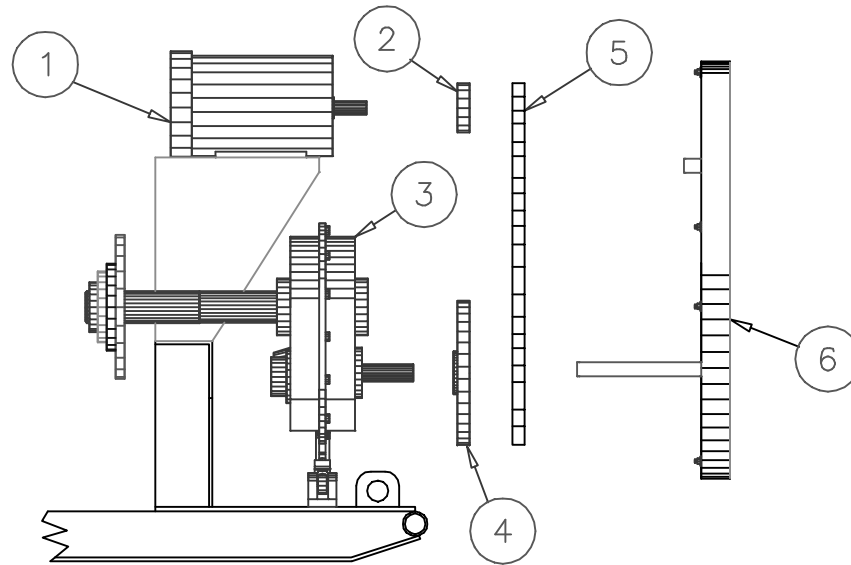
## PROJECT:

54" X 35' SINGLE 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	1	400
		BOLTS:		
	000010578	1/2"-13 x 2" BOLT	4	
	000010805	1/2"-13 NUT	4	
	000010940	1/2" LOCK WASHER	4	
2	0000026210	MOTOR SHEAVE SIZE 2B-5.0 QD	1	9
	000016830	MOTOR SHEAVE BUSHING SDS 1 5/8"	1	2
3	000002324	GEARBOX DODGE TA8407H40 TB	1	507
	000001094	GEARBOX BUSHING DODGE TA8407HTB X 4 7/16"	1	26
	000012726	TORQUE ARM DODGE TA7315/8407RA	1	44
		BOLTS:		
	000010615	3/4"-10 X 4" BOLT	1	
	000010810	3/4"-10 NUT	1	
	000010945	3/4" LOCK WASHER	1	
4	000016950	GEARBOX SHEAVE 2B-30.0 QD	1	30
	000016862	GEARBOX SHEAVE BUSHING SF 2 7/16"	1	4
5	000000000	BELT SIZE BX-	2	2
6	000002056	MOTOR GUARD	1	
		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	2	
	000010805	1/2"-13 NUT	5	
	000010940	1/2" LOCK WASHER	5	

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