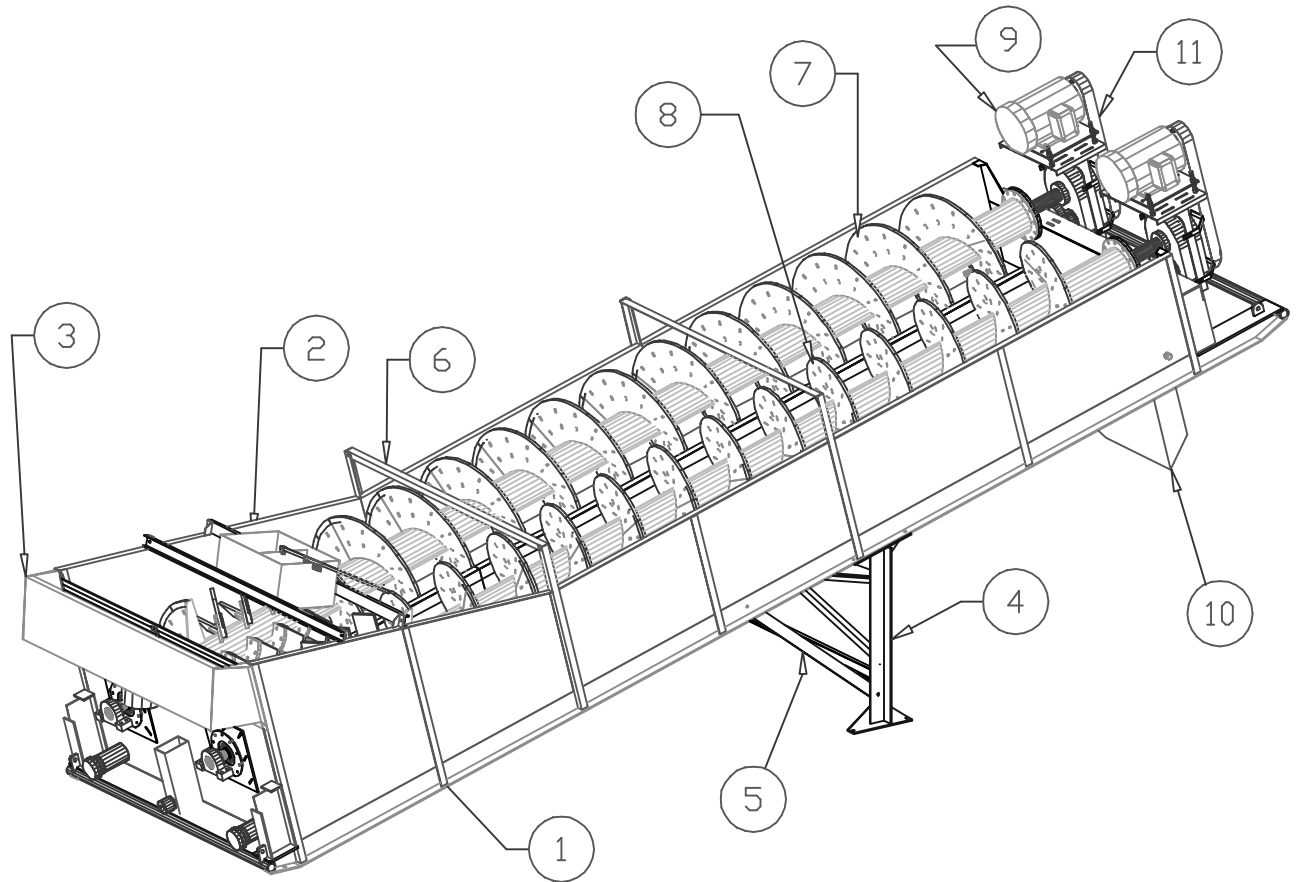


PROJECT:
44" X 32' TWIN COARSE SCREW

GreyStone

DESCRIPTION:
OVERALL ASSEMBLY



REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Ea.
1		TUB/SKID/UPRIGHT ASSEMBLY	1	
2	000018328	INFEED HOPPER ASSEMBLY	1	
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLTS	4	
	000010805	1/2"-13 NUTS	5	
	000010940	1/2" LOCK WASHERS	5	
	000010950	1/2" FLAT WASHERS	5	
	000010578	1/2" -13 X 2" BOLT	1	
3	000018326	OVERFLOW TROUGH ASSEMBLY	1	
4	000018323	TIP FRAME ASSEMBLY	1	
		BOLTS:		
	000010605	3/4"-10 x 2" BOLTS	4	
	000010810	3/4"-10 NUTS	4	
	000010945	3/4" LOCK WASHERS	4	

DWG. NUMBER: PF4432D1

DRAWN
BY:

JAF

DATE:

2/9/06

REVISIONS

PAGE #

1

PROJECT:

44" X 32' TWIN COARSE SCREW

GreyStone

DESCRIPTION:

OVERALL ASSEMBLY

<u>REF. NUMBER</u>	<u>PART NUMBER</u>	<u>PART NAME</u>	<u>QUANTITY</u>	<u>Wt.Lbs.Ea.</u>
5	000015387	TIP FRAME KNEE BRACE	2	
		BOLTS: (PER KNEE BRACE)		
	000010605	3/4"-10 x 2" BOLT	2	
	000010810	3/4"-10 NUTS	2	
	000010945	3/4" LOCK WASHERS	2	
6	000018313	TUB FRAME UPRIGHT TOP SUPPORT	2	
		BOLTS: (PER SUPPORT)		
	000010605 GR.5	3/4"-10 x 2" BOLTS	2	
	000010810 GR.5	3/4"-10 NUTS	2	
	000010945	3/4" LOCK WASHERS	2	
7	000011902	SCREW SHAFT RH ASSEMBLY (complete)	1	
8	000011802	SCREW SHAFT LH ASSEMBLY (complete)	1	
9		DRIVE ASSEMBLY	1	
10	000018330	DISCHARGE CHUTE ASSEMBLY	1	
		BOLTS:		
	000010585	1/2"-13 X 2 1/2" BOLT GR.5	2	
	000010805	1/2"-13 NUT GR.5	2	
	000010940	1/2" LOCK WASHER	4	
11		MOTOR GUARD		
	000018286	MOTOR GUARD FRONT ASSEMBLY	2	
	000018287	MOTOR GUARD BACK ASSEMBLY	2	
		BOLTS:		
	000010570	1/2"-13 X 1 1/4" BOLT	8	
	000010805	1/2"-13 NUT	8	
	000010940	1/2" LOCK WASHER	8	

SCREW TOTAL ESTAMATED WEIGHT

DWG. NUMBER: PF4432D1

DRAWN
BY:

JAF

DATE:

2/9/06

REVISIONS

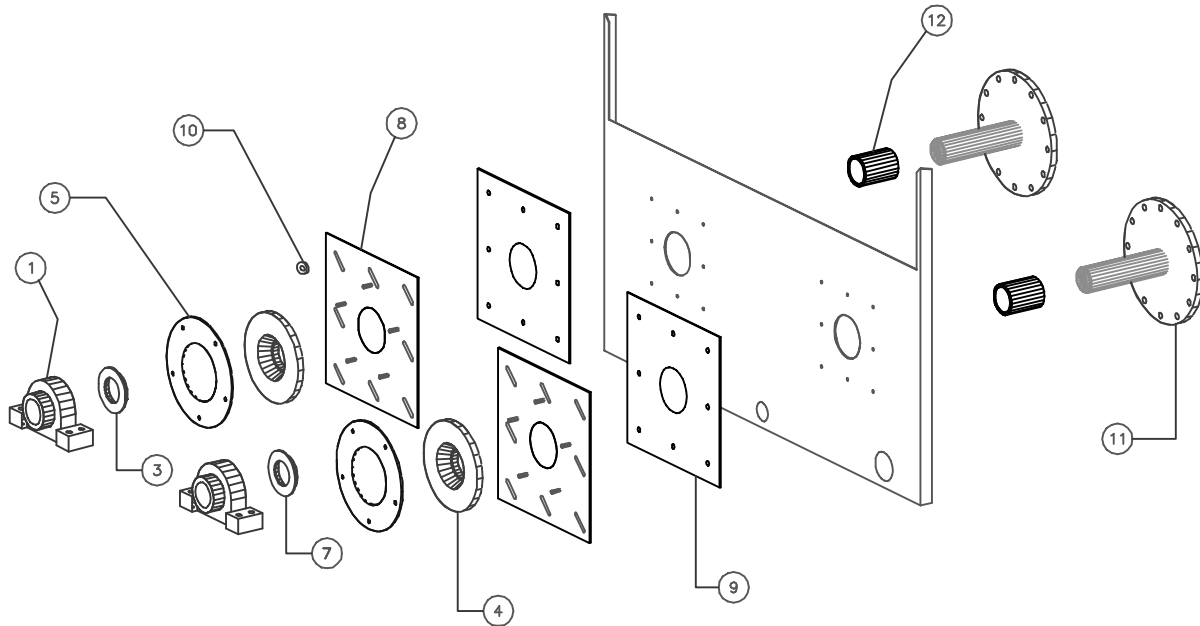
PAGE #

2

PROJECT:
44" X 32' TWIN COARSE SCREW

GreyStone

DESCRIPTION:
LOWER END ASSEMBLY



REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Eq.
1	000012084	BEARING	2	
		BOLTS:		
	000010616	3/4"-10 x 4 1/2" 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)	2	
	000010620	3/4"-10 x 5" BOLTS	8	
3	000035320	WEAR SLEEVE	2	
4	000035290	LOWER STUB SHAFT SEAL(RUBBER)	2	
5	000035221	SLINGER W/COLLAR	2	
6	000035140	SEAL RETAINER PLATE	2	
		NUTS:		
	000010805	1/2"-13 NUTS	10	
7	000036190	LOWER STUB SHAFT BUSHING SPACER	2	
8	000035190	LOWER SEAL ADJUSTMENT PLATE	2	
9	000035160	ADJUSTMENT PLATE GASKET	2	
10	000030420	ADJUSTMENT PLATE WASHER	16	
		BOLTS:		
	000010578	1/2"-13 x 2" BOLTS	16	
	000010805	1/2"-13 NUTS	16	
	000010900	1/2" WASHERS (RUBBER BACKED)	16	
11	000015883	LOWER STUB SHAFT ASSEMBLY W/O SLEEVE	2	
	000039026	LOWER STUB SHAFT ASSEMBLY W/SLEEVE	2	
12	000035320	SLEEVE	2	

DWG. NUMBER: PF4432D2

DRAWN
BY:

JAF

DATE:

2/9/06

REVISIONS

PAGE #

1

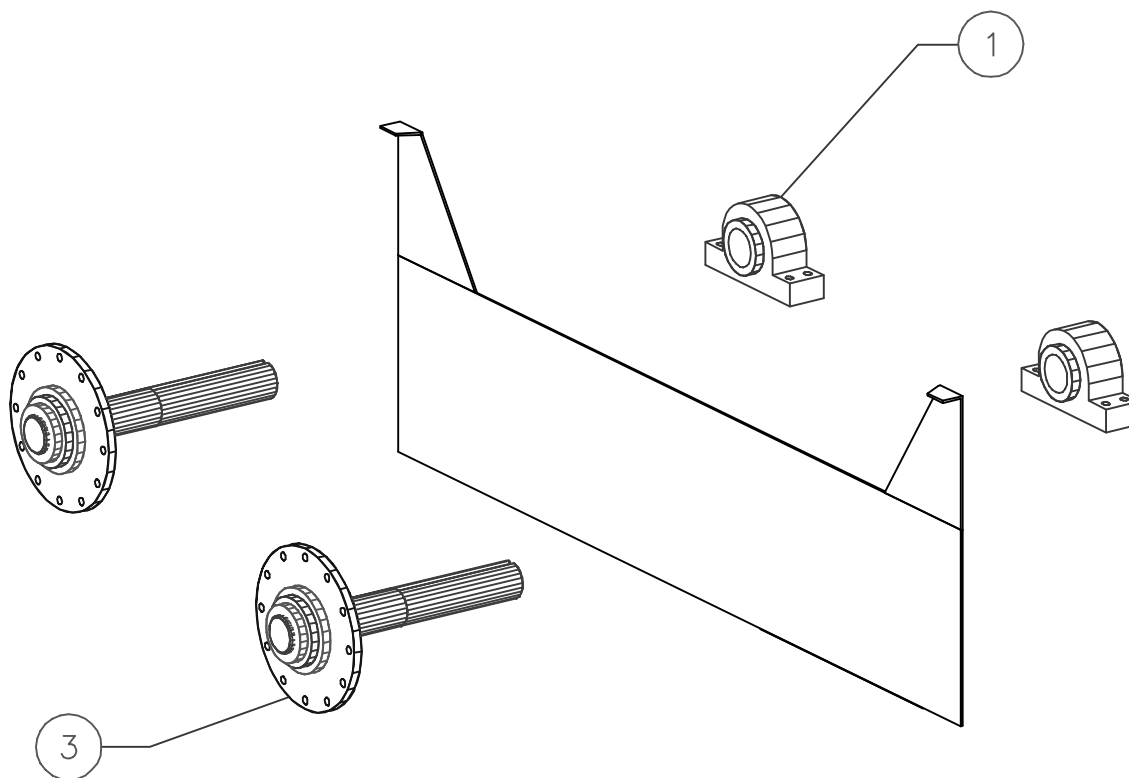
PROJECT:

44" X 32' TWIN COARSE SCREW

GreyStone

DESCRIPTION:

UPPER END ASSEMBLY

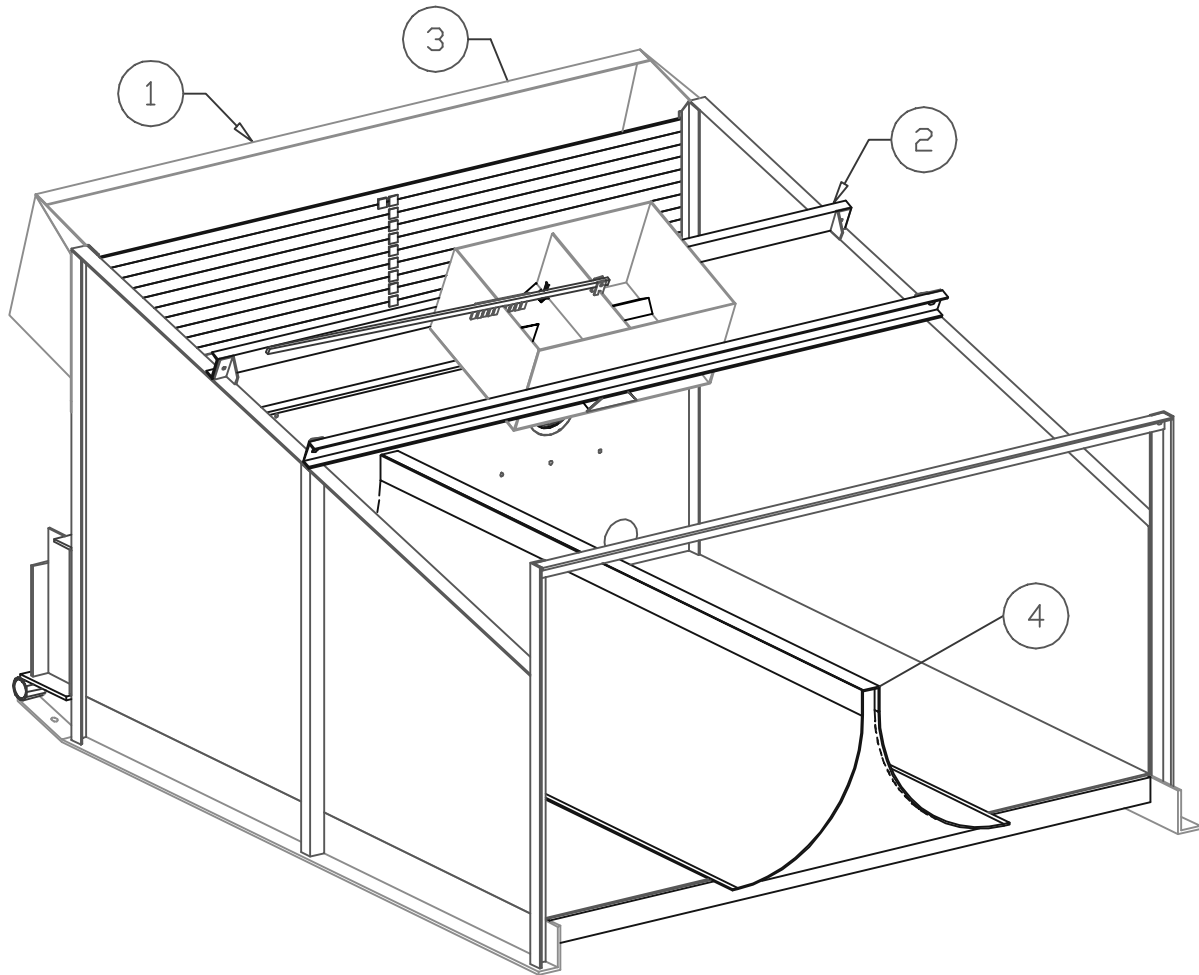


REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Ea.
1	000012051	BEARING	2	
		BOLTS:		
	000010620	3/4"-10 x 5" BOLTS	8	
	000010810	3/4"-10 NUTS	8	
	000010945	3/4" LOCK WASHERS	8	
	000010955	3/4" FLAT WASHERS	16	
2	000031640	BEARING SHIM OPTIONAL (NOT SHOWN)	2	
3	000011956	UPPER STUB SHAFT ASSEMBLY	2	

PROJECT:
44" X 32' TWIN COARSE SCREW

GreyStone

DESCRIPTION:
POOL AREA



REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Ea.
1	000018326	OVERFLOW TROUGH ASSEMBLY	1	
2	000018328	INFEED HOPPER ASSEMBLY	1	
3	000018304	BACK DISCHARGE FLATS	10	
4	000039075	BELLYPAN SECTION #1 RH	1	
	000039076	BELLYPAN SECTION #1 LH	1	
	000039073	BELLYPAN SECTION #2 RH	1	
	000039074	BELLYPAN SECTION #2 LH	1	
	000039077	BELLYPAN SECTION #3 RH	1	
	000039078	BELLYPAN SECTION #3 LH	1	
	000030435	BACK DISCHARGE FLATS	3	

DWG. NUMBER: PF4432D4

DRAWN
BY:

JAF

DATE:

2/9/06

REVISIONS

PAGE #

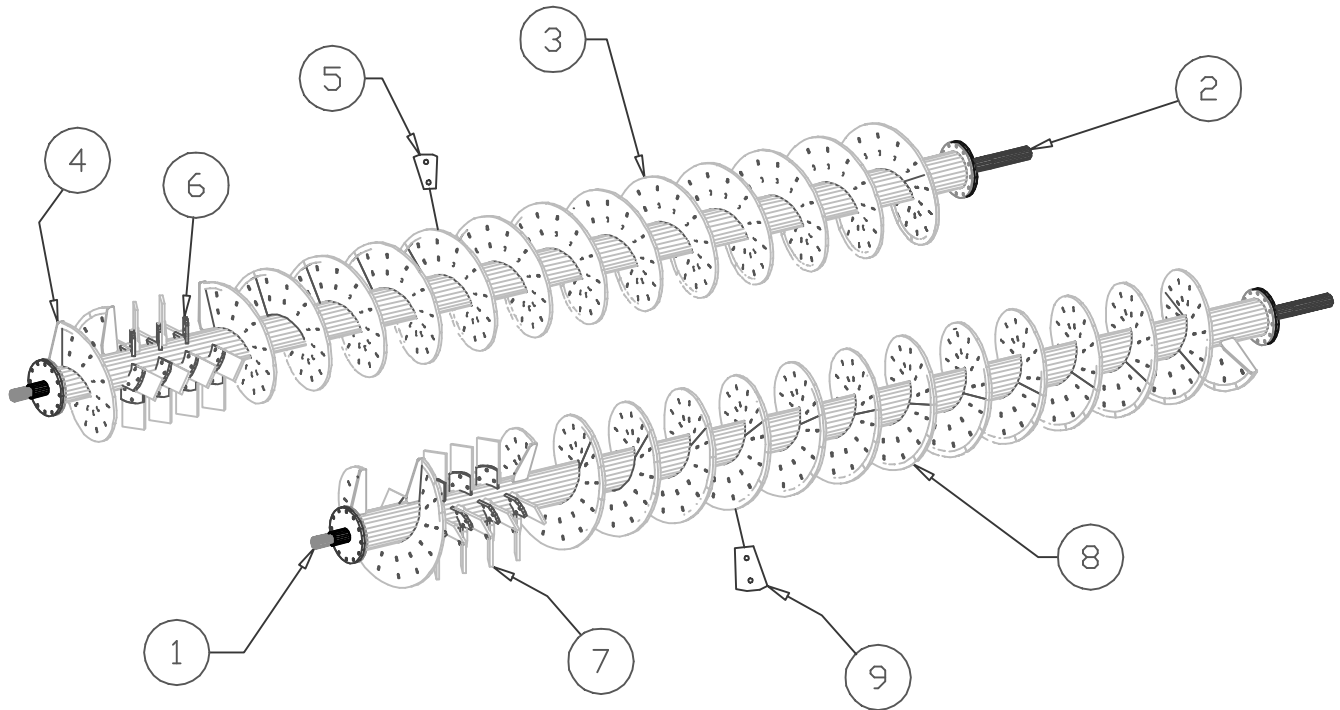
1

PROJECT:
44" X 32' TWIN COARSE SCREW

GreyStone

DESCRIPTION:
SCREW SHAFTS

RH SCREW SHAFT



<u>REF. NUMBER</u>	<u>PART NUMBER</u>	<u>PART NAME</u>	<u>QUANTITY</u>
1	000039026	LOWER STUB SHAFT W/SLEEVE	2
2	000011956	UPPER STUB SHAFT ASSEMBLY	2
		BOLTS:	
	000010720	7/8"-14 x 3 1/2" BOLT Gr.8	48
	000010860	7/8"-14 NUTS Gr. 8	48
	000010947	7/8" LOCK WASHERS	48
	000011941	<u>RH SCREW SHAFT W/FLIGHT & BASES</u>	1
	000007779	<u>W/SHOES</u>	
3	000033140	RH FLIGHT	15
4	000033668	FLIGHT GUSSET	4
5	000013792	NIHARD SHOE RH	168
		BOLTS RH SHOES:	
	000010571	BOLT FHSCS 1/2" -13 X 1 1/2"	336
	000010805	1/2"-13 NUTS	336
	000010940	1/2" LOCK WASHERS	336
	000010950	1/2" FLAT WASHERS	336
6	000034606	PADDLE BASE	15

DWG. NUMBER: PF4432D5

DRAWN
BY:

JAF

DATE:

2/9/06

REVISIONS

PAGE #

1

PROJECT:
44" X 32' TWIN COARSE SCREW

GreyStone

DESCRIPTION:
SCREW SHAFTS

<u>REF. NUMBER</u>	<u>PART NUMBER</u>	<u>PART NAME</u>	<u>QUANTITY</u>	<u>Wt.Lbs.Eq.</u>
7	000034730	NIHARD PADDLE 44LWP	15	
		BOLTS RH PADDLES:		
	000010725	BOLT HCS 7/8" -14 X 4" GR.8	45	
	000010920	7/8" FLAT WASHERS	45	
	000010860	7/8" -14 NUTS	45	
	000010840	7/8" -14 NUT JAM	45	
	000039110	<u>LH SCREW SHAFT W/FLIGHT & BASES</u>	1	
	000007778	<u>W/SHOES</u>		
8	000033142	LH FLIGHT	15	
4	000033668	LH FLIGHT GUSSET	4	
9	000013791	NIHARD SHOE LH	168	
		BOLTS LH SHOES:		
	000010571	BOLT FHSCS 1/2" -13 X 1 1/2"	336	
	000010805	1/2"-13 NUTS	336	
	000010940	1/2" LOCK WASHERS	336	
	000010950	1/2" FLAT WASHERS	336	
6	000034606	PADDLE BASE	15	
7	000034730	NIHARD PADDLE 44LWP	15	
		BOLTS LH PADDLES:		
	000010725	BOLT HCS 7/8" -14 X 4" GR.8	45	
	000010920	7/8" FLAT WASHERS	45	
	000010860	7/8" -14 NUTS	45	
	000010840	7/8" -14 NUT JAM	45	

SCREW SHAFT RH ESTIMATED WEIGHT
SCREW SHAFT LH ESTIMATED WEIGHT

DWG. NUMBER: PF4432D5

DRAWN
BY: JAF

DATE: 2/9/06

REVISIONS

PAGE # 2

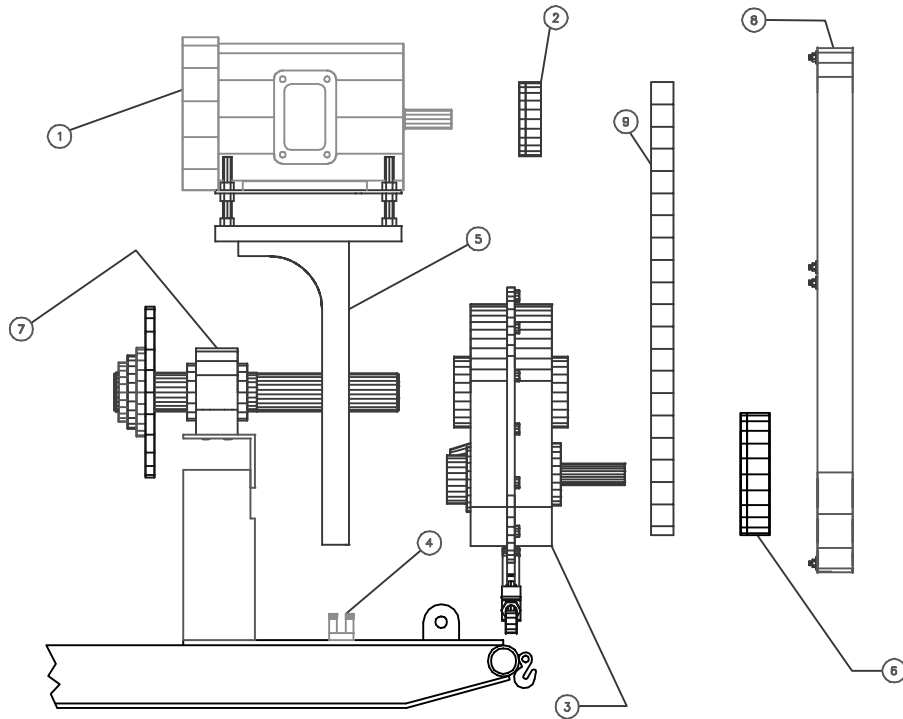
PROJECT:

44" X 32' TWIN COARSE SCREW

GreyStone

DESCRIPTION:

DRIVE ASSEMBLY



100% SCREW SPEED

REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Eq.
1		MOTOR 50HP, 1750RPM, 326T	2	
		BOLTS:		
	000010572	1/2"-13 x 1 1/2" BOLT	8	
	000010805	1/2"-13 NUT	8	
	000010940	1/2" LOCK WASHER	8	
2	000002750	MOTOR SHEAVE 3B 8.0 QD	2	
	000002751	BUSHING SK 2 1/8		
3	000002324	GEAR REDUCER DODGE TA8407H40	2	
	000001094	BUSHING TA8407TB 4 7/16		
4	000012726	TORQUE ARM ASSEMBLY	2	
		BOLTS:		
	000010615	3/4"-10 X 4" BOLT	2	
	000010810	3/4"-10 NUT	2	
	000010945	3/4" LOCK WASHER	2	
5	000002323	MTR MOUNT TA7315/8407MM	2	
6	000004213	GEAR BOX SHEAVE 3B 13.6 QD	2	
	000016852	BUSHING SK 2 7/16		
7	000012051	UPPER BEARING	2	
8		MOTOR GUARD		
	000018286	MOTOR GUARD FRONT ASSEMBLY	2	
	000018287	MOTOR GUARD BACK ASSEMBLY	2	
		BOLTS:		
	000010572	1/2"-13 x 1 1/2" BOLT	8	
	000010805	1/2"-13 NUT	8	
	000010940	1/2" LOCK WASHER	8	
9	000008781	V-BELT BX-112	6	

DWG. NUMBER: PF4432D6

DRAWN
BY:

JAF

DATE:

1/6/06

REVISIONS

PAGE #

1