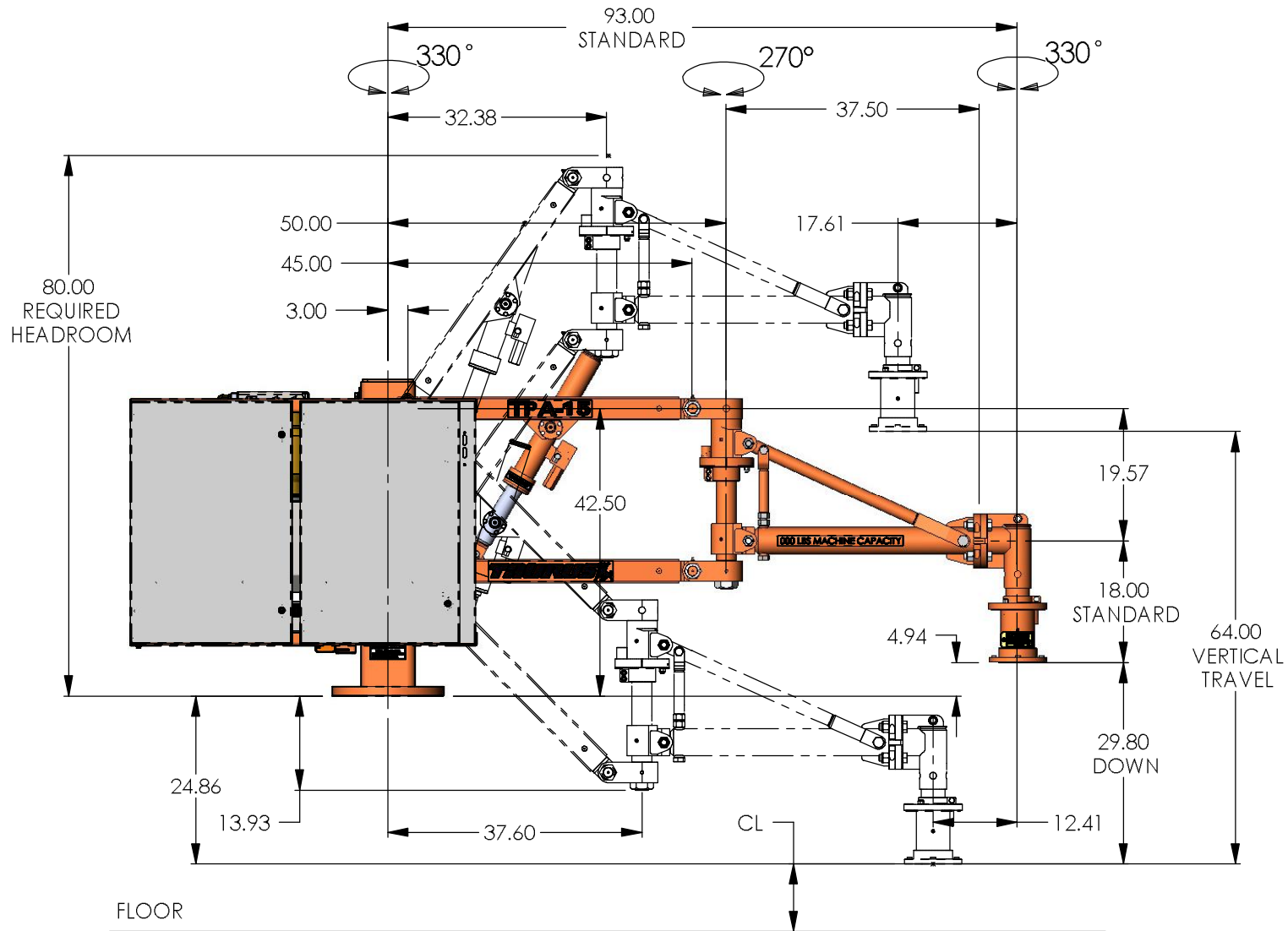


Electrical Power	Amp Draw	Reach (inches)	Vertical Travel (inches)	Required Headroom w/ CL=0 (inches)	Minimum Pedestal Length w/ CL=0	Capacity (lbs)	Base Machine Weight (lbs)	Maximum End of Arm Moment (330° Rotation) (inch-lbs)	*Middle Joint Moment (inch-lbs)	*Base Machine Moment (inch-lbs)	Main Post Overturning Moment Capacity (inch-lbs)	Lift/Lower Speed (in/sec)	Hydraulic Fluid	EP Lithium Grease
480/60/3	12	93-123	64	105	25	1500	1070	36,000	100,000	185,000	210,000	4.50	AW ISO-46	NLGI GRADE 2

*Moment due to tooling and payload



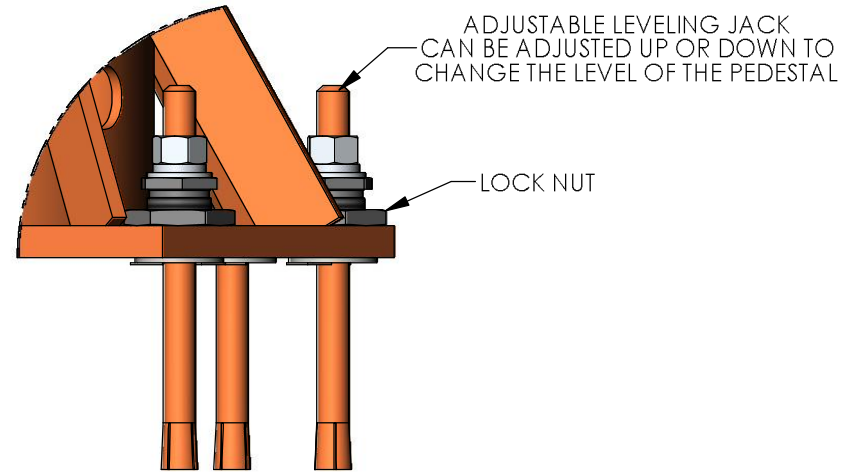
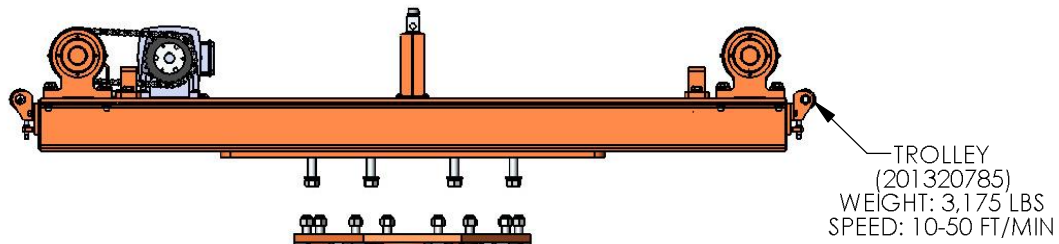
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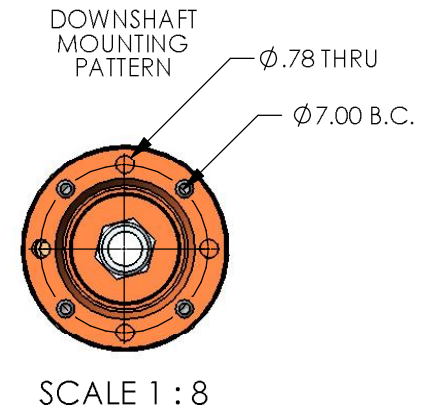
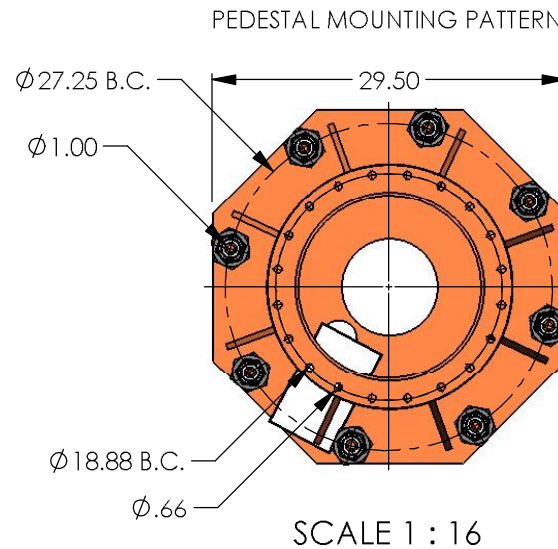
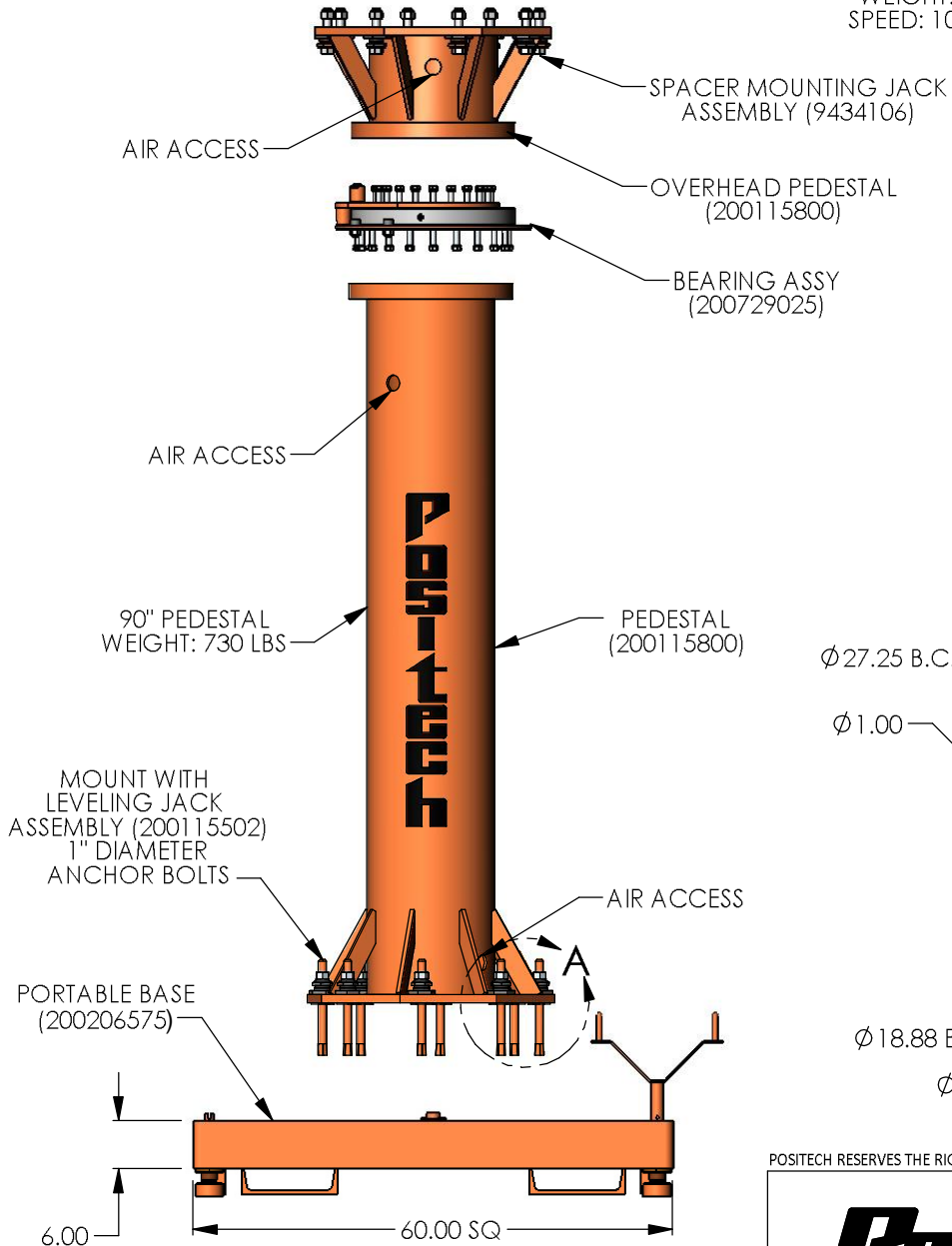


TPA-15

SCALE: 1:24	DATE: Mar-17-2014	DRAWN BY: kps	
CLASS CODE: 500	DWG: TPA-15	SHT: 1 of 3	REV:



DETAIL A
SCALE 1 : 6



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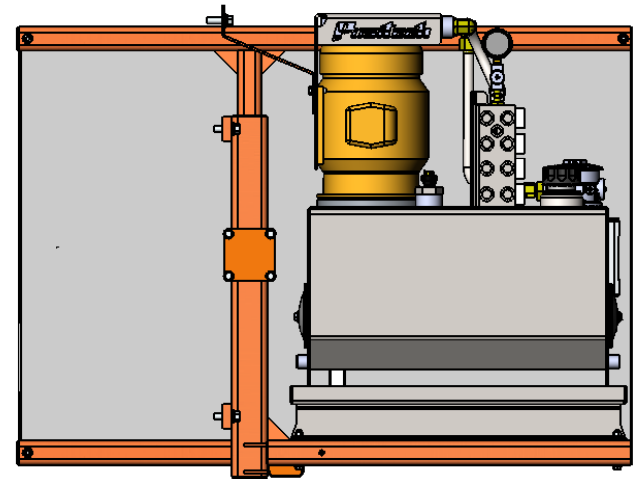
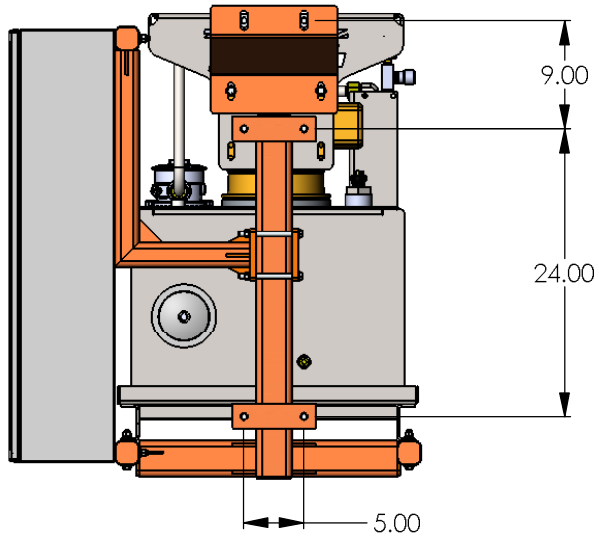
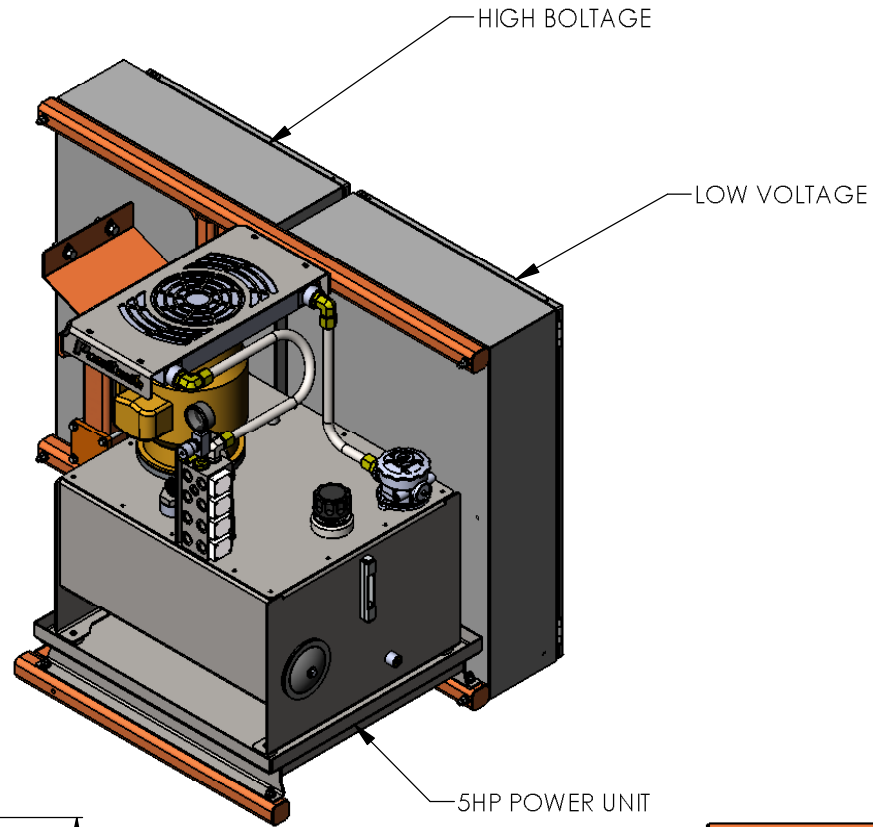


TPA-15

SCALE: 1:24	DATE: Mar-17-2014	DRAWN BY: kps	
CLASS CODE: 500	DWG: TPA-15	SHT: 2 of 3	REV:

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STANDARD 5HP POWER UNIT
(201326920)



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TPA-15

SCALE: 1:16

DATE: Mar-17-2014

DRAWN BY: kps

CLASS CODE: 500

DWG NO: TPA-15

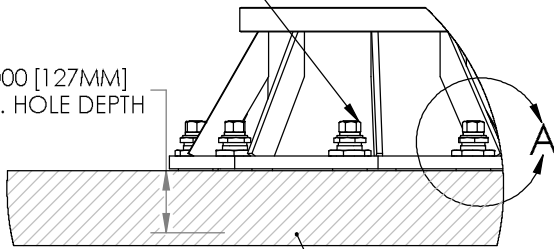
SHT: 3 of 3

REV:

ADJUST LEVELING JACKS SO THE TOP OF THE PEDESTAL IS LEVEL. TIGHTEN HARDWARE. APPLY GROUT UNDER PEDESTAL IF DESIRED.

1"-8 ANCHOR BOLT, LEVELING JACKS AND HARDWARE SUPPLIED BY POSTTECH.

5.000 [127MM] MIN. HOLE DEPTH



MAIN POST CENTERLINE STANDARD ESTIMATED STATIC MOMENT FROM MACHINE, TOOLING, & PAYLOAD:

TPA - 10 - 175,000 IN LBS
TPA - 15 - 215,000 IN LBS

ESTIMATED STATIC WEIGHT BASED ON A 12 FT PEDESTAL.

TPA-10 - 3650 LBS
TPA-15 - 4350 LBS

FULLY REINFORCED CONCRETE WITH A MINIMUM STRENGTH OF 3500 PSI AND A MINIMUM DEPTH OF 6.00" FOR TPA-10/AJB-120/150 AND 8.00" FOR TPA-15/AJB-200. NO CRACKS ARE TO BE PRESENT WITHIN 60" OF PEDESTAL CENTERLINE.

ANCHOR BOLT INSTALLATION INSTRUCTIONS

1.) DRILL A HOLE PERPENDICULAR TO THE WORK SURFACE WITH A DIAMETER EQUAL TO THE ANCHOR DIAMETER. DRILL THE HOLE TO A DEPTH EXCEEDING MINIMUM EMBEDMENT (5.00" FOR 1"-8 ANCHOR). TO ENSURE FULL HOLDING POWER, IT IS ACCEPTABLE TO DRILL FULLY THROUGH THE CONCRETE TO ALLOW THE BOLTS TO BE LATER DRIVEN INTO THE EARTH SHOULD THE MACHINE BE MOVED IN THE FUTURE. DO NOT REAM THE HOLE OR ALLOW THE DRILL TO WOBBLE.

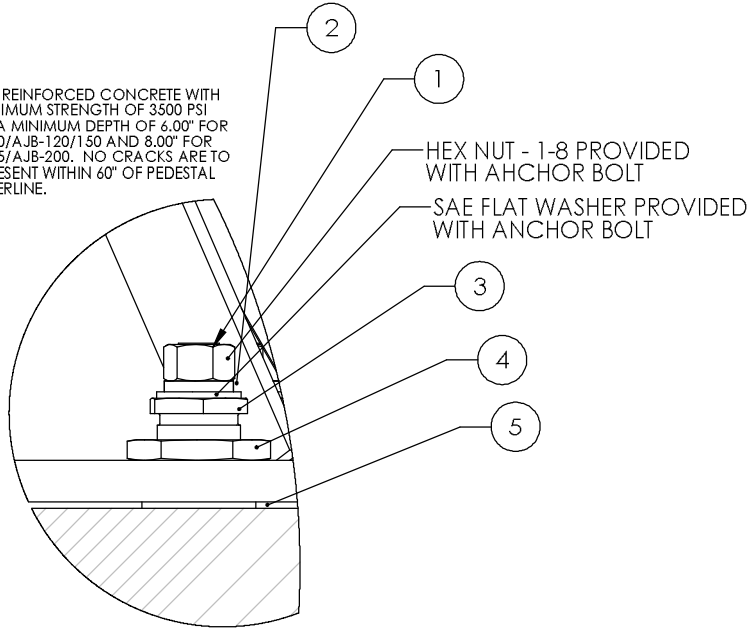
2.) CLEAN THE HOLE USING COMPRESSED AIR AND A NYLON BRUSH. A CLEAN HOLE IS NECESSARY FOR PROPER PERFORMANCE.

3.) ASSEMBLE A WASHER BETWEEN PEDESTAL SCREW JACK AND FLOOR.

4.) ASSEMBLE THE NUT ON THE ANCHOR SO THE NUT RESTS FLUSH TO JUST ABOVE THE TOP OF THE ANCHOR. PLACE ANCHOR IN HOLE. STRIKE SHARPLY WITH HAMMER TO DRIVE DOWN. FRICTION-FIT ANCHOR DESIGN MAY REQUIRE MORE FORCE THAN OTHER ANCHOR DESIGNS.

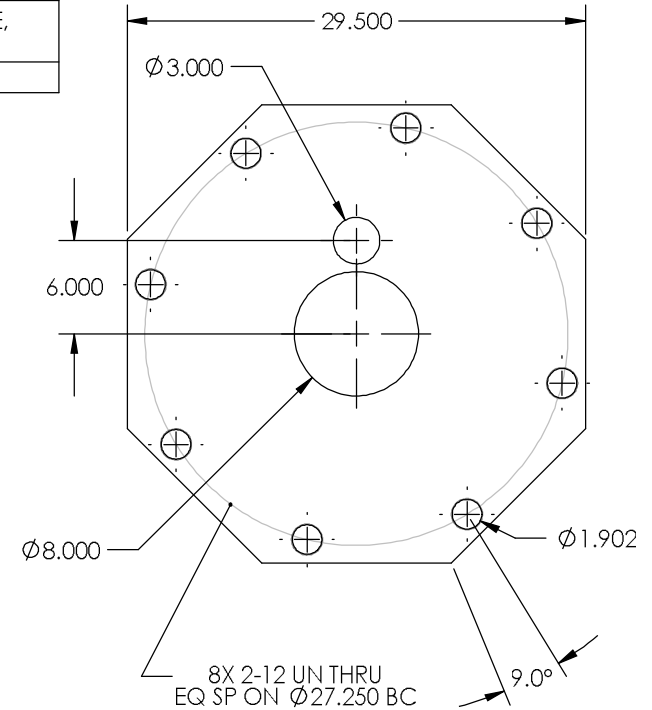
5.) TORQUE ANCHORS TO 250 FT-LBS.

6.) NOTE: THE DEEPER THE HOLE IS DRILLED, THE GREATER THE PULL OUT FORCE BECOMES. ANCHOR EMBEDMENT DEPTH NOT TO EXCEED 1 1/2 TIMES THE ANCHOR BOLT DIAMETER FROM THE OPPOSING FACE OF CONCRETE SLAB.



DETAIL A
SCALE 1 : 3

ITEM NO	QTY	PART NUMBER	DESCRIPTION
1	8	P000302	CONCRETE ANCH.BOLT,NUT&WASH.1" x 9
2	15	P000268	HLOCK 1.000PL
3	8	7822105	LEVELING JACK, TPA 10 & 15 - 2.0-12 X 2.250 X 1.188 ID
4	8	7827002	NUT - 2.0-12, JAM TYPE, LEVELING JACK
5	8	P000269	USS 1 1/8PL



REV.	DESCRIPTION	BY	DATE
A	ADDED ANCHOR BOLT DETAIL AND BOM	JAC	18JAN2005
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ASSEMBLY			
DEBURR ALL SHARP EDGES	 LAURENS, IOWA 50554 PEDESTAL MTG. - TPA-10/15/AJB-120/150/200		
UNSPECIFIED TOLERANCES	FOR:		
XX ± .050	DWG B	SCALE: 1:10	DATE: 31-May-2001
XXX ± .030			DRAWN BY: JAC
ANGLE ± 5 DEG	CLASS CODE: 620	DWG. NO.: 200115502	REV: A