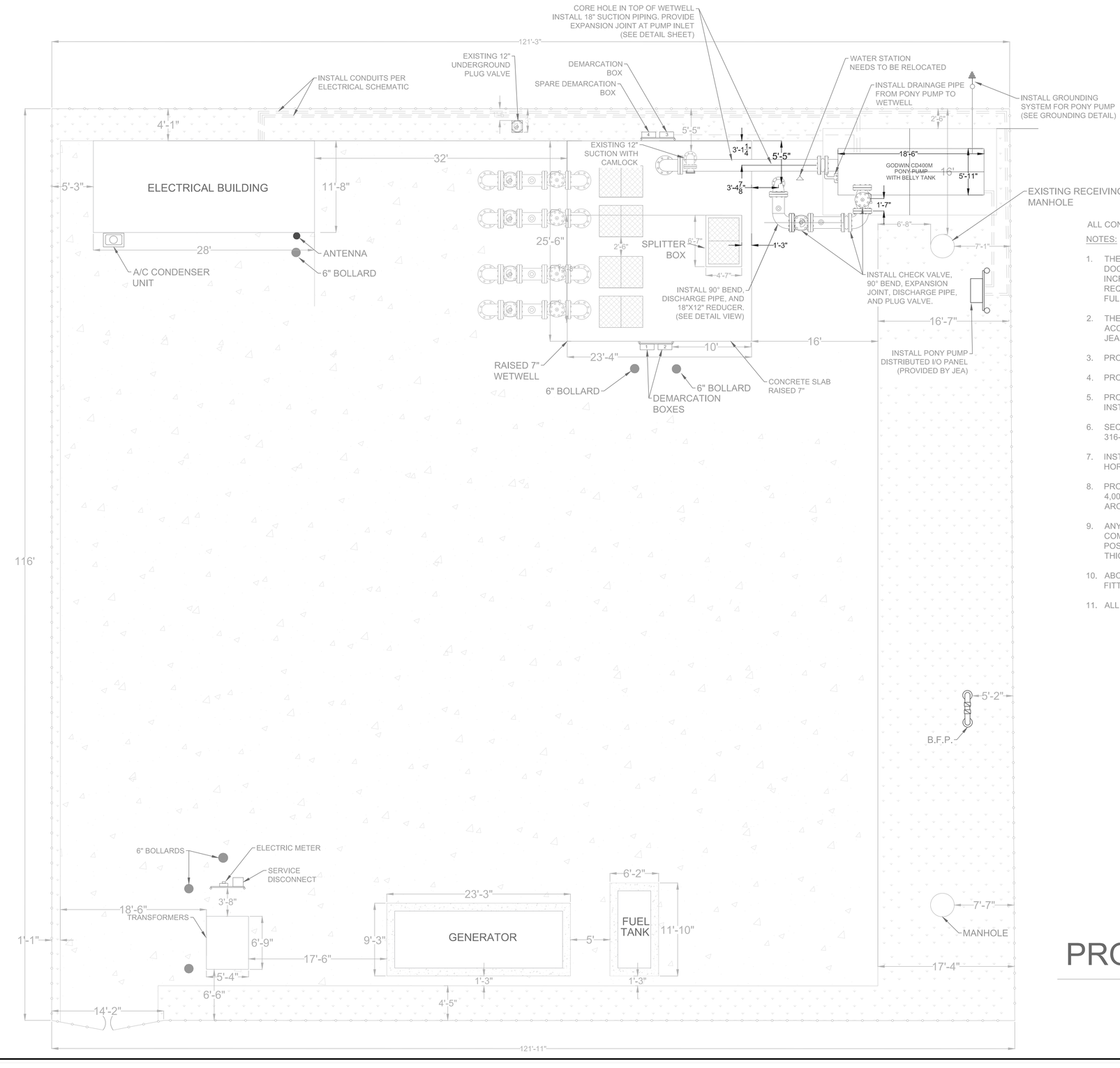


ALL CONTRACTOR PROVIDED MATERIAL SHALL CONFORM TO JEA STANDARDS

NOTES:

1. THE CLEARANCES SHOWN AROUND THE PONY PUMP ENCLOSURE ON THIS DOCUMENT ARE TO BE USED AS A MINIMUM. DISTANCES SHALL BE INCREASED TO PROVIDE ANY ADDITIONAL CLEARANCE AS SPECIFIED OR REQUIRED BY THE PONY PUMP AND/OR ENGINE MANUFACTURER TO ALLOW FULL ACCESS FOR NORMAL OPERATION, MAINTENANCE AND REPAIR.
2. THE PIPING CONFIGURATION IS ILLUSTRATIVE. FIELD ADJUSTMENTS TO ACCOMMODATE ACTUAL CONDITIONS ARE ALLOWED WITH APPROVAL FROM JEA.
3. PROVIDE RUBBER EXPANSION JOINTS AT BOTH PUMP CONNECTIONS.
4. PROVIDE MANUAL VENT AND PRESSURE TRANSMITTER (SEE DETAIL SHEET)
5. PROVIDE PIPE SUPPORTS AS NECESSARY TO ENSURE A SECURE INSTALLATION
6. SECURE WETWELL PIPE PENETRATION WITH WELDED FLANGE AND 4 @ 3/4" 316-SS EPOXY ANCHOR BOLT S W/ 4" EMBED
7. INSTALL THE DISCHARGE CLASS 150 ECC PLUG VALVE WITH SHAFT IN THE HORIZONTAL AND PLUG FACE UP WHEN OPEN.
8. PROVIDE A 11-FT X22-FT X2.5-FT CONCRETE PUMP FOUNDATION. PROVIDE 4,000-PSI CONCRETE W/ 2 LAYERS OF #4 BAR 12-IN O.C.E.W, W/3-IN CLEAR ALL AROUND. SET TOP ELEVATION THE SAME AS WETWELL SLAB.
9. ANY REQUIRED CONCRETE REMOVAL FOR CONDUIT INSTALLATION SHALL BE COMPLETED WITH CLEAN CUTS, UTILIZING 90 DEGREE ANGLES WHERE POSSIBLE, AND SHALL BE REPAIRED TO MATCH THE EXISTING SLAB THICKNESS.
10. ABOVEGROUND AND WETWELL PIPING SHALL BE MINIMUM 316L-SS SCH 10. FITTINGS SHALL FLANGED BE 316L-SS.
11. ALL ANCHORS AND FASTENERS SHALL BE 316-SS.

PROPOSED SITE PLAN

NO.	BY	DATE	REVISIONS
6.			
5.			
4.			
3.			
2.			
1.			

DESIGN ENGINEER
JOHN W. HURFORD
FLORIDA REGISTRATION NO.
56014

DESIGNER:
DRAWN BY: JWH
DATE: 03/2018
CHECKED BY:
DATE:

JEA
Building Community

LS-001114
2798 HUFFMAN BOULEVARD
PONY PUMP INSTALLATION

PROJ. NO.
DATE:
SCALE: N.T.S.

NO. SHEETS
SHEET NO.
DRAWING NO.

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PUMP FOUNDATION SIZES

FOR GODWIN PUMPS

CD 500: ABESS, AC SKINNER, AND 5TH (HURON)

14’X24’X2.5’ OR 13’X24’X2.75’

CD 400: HUFFMAN

11’X22’X2.5’

CD 300: FURY

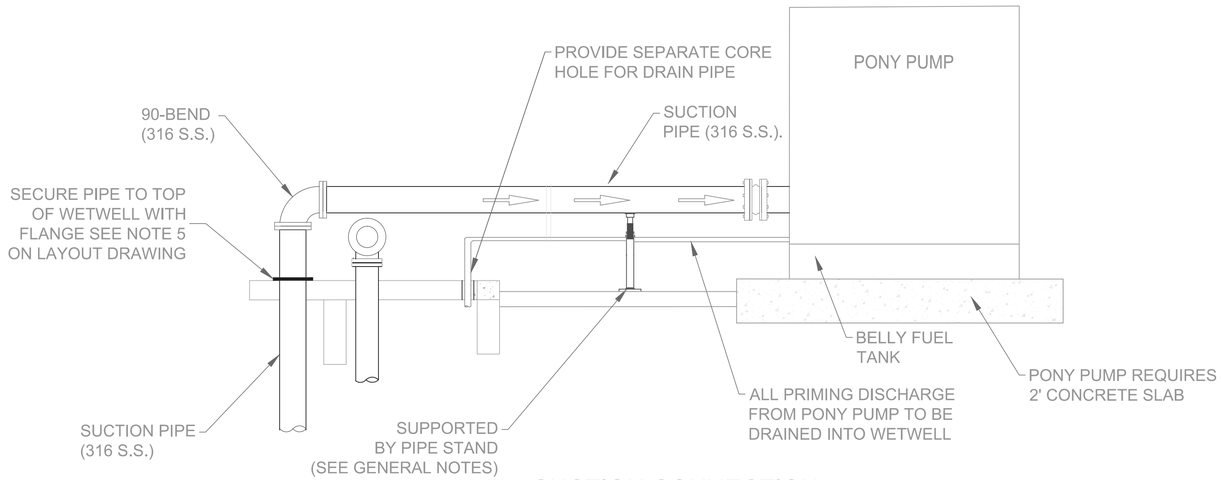
10’X19’X2’

CD 250: BARNES RD TROPIC EGRET

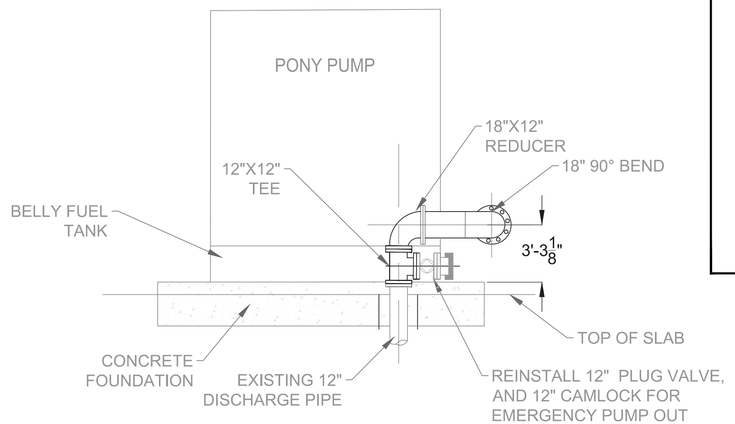
7’X12’X1.75’

CD 150: HODGES

5’X10’X2’



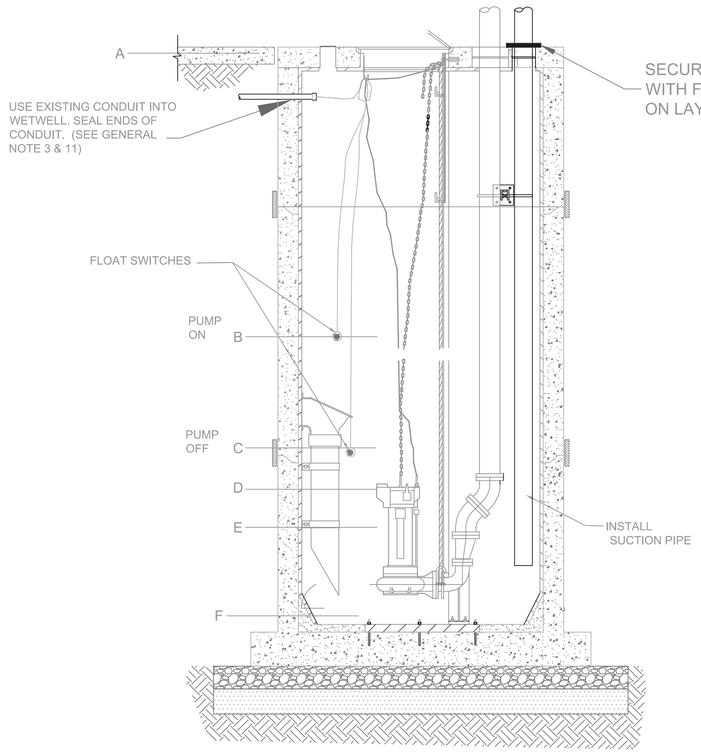
SUCTION CONNECTION



DISCHARGE CONNECTION

PONY PUMP CONNECTION

NOT TO SCALE

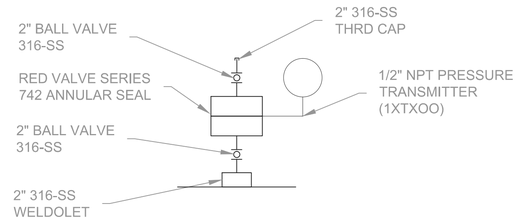


WETWELL SECTION

NOT TO SCALE

ELEVATIONS		
A	TOP	40.64
B	PONY PUMP ON	36.64
C	PONY PUMP OFF	30.64
D	ALL PUMPS OFF	16.80
E	BOTTOM OF SUCTION	14.50
F	WET WELL BOTTOM	13.00

NOTE:
1. TWO FLOATS SHOULD BE PROVIDED (ON/OFF).
2. FLOAT ON SHALL BE A S40NO WITH GREEN TAPE ABOVE THE FLOAT TO INDICATE START.
3. FLOAT OFF SHALL BE A S40NO WITH RED ELECTRICAL TAPE ABOVE THE FLOAT TO INDICATE STOP.



MANUAL VENT AND PRESSURE TRANSMITTER DETAIL

DETAIL SHEET

NO.	BY	DATE	REVISIONS
6.			
5.			
4.			
3.			
2.			
1.			

DESIGN ENGINEER: JOHN W. HURFORD
FLORIDA REGISTRATION NO. 56014

DESIGNED:
DRAWN BY: JWH
DATE: 03/2018
CHECKED BY:
DATE:

JEA Building Community sm

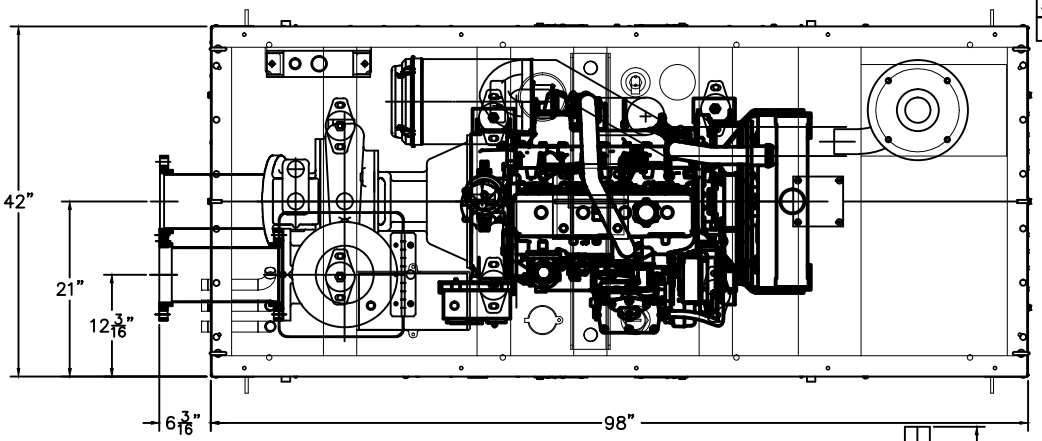
LS-001114
2798 HUFFMAN BOULEVARD
PONY PUMP INSTALLATION

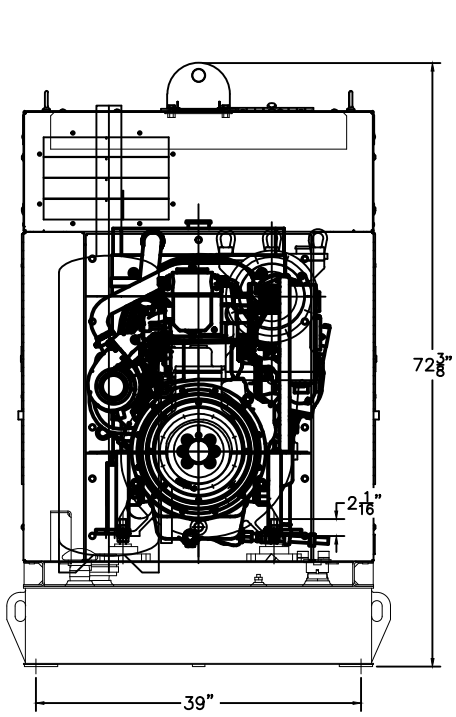
PROJ. NO.
DATE:
SCALE: N.T.S.
SHEET NO.
DRAWING NO.
NO. SHEETS

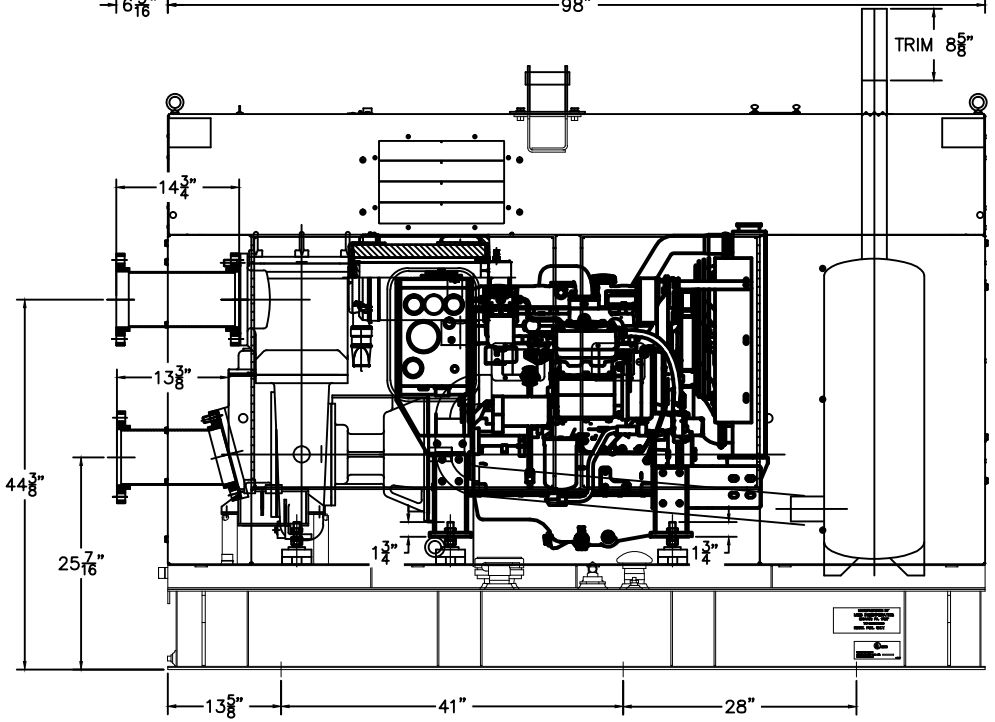
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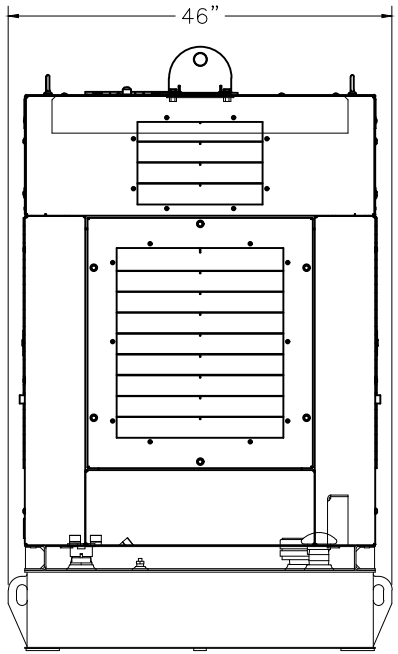
NOTES
1. DIMENSIONS IN INCHES
2. DO NOT SCALE DRAWING
3. SUCTION FLANGE: 6"/150# ANSI RF
4. DISCHARGE FLANGE: 6"/150# ANSI RF
5. APPROX. DRY WEIGHT: 3,600 LBS
6. FUEL CAPACITY: 90 GALLONS

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
xxx	xxx	xxx	xxx	xxx









SYMBOLS ETC. TO ANSI Y14	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE COATINGS TOLERANCES ARE:	APPROVALS	DAY	MON.	YEAR
THIRD ANGLE PROJ.	2-PLACE DECIMALS± .03	DRAWN BY D. STETSER			
	3-PLACE DECIMALS ± .010	APPROVED BY P. NATALINO			
	ANGLES	ISSUED			
	FRACTIONS 1/16				

godwin
a xylem brand
34 Floodgate Road, Bridgeport, NJ 08014, USA
(856) 467-3636 • Fax (856) 241-7323

TITLE: CD150M JD4045TF290 UL CRITICAL SILENCE W/LOUVERS

S.O#

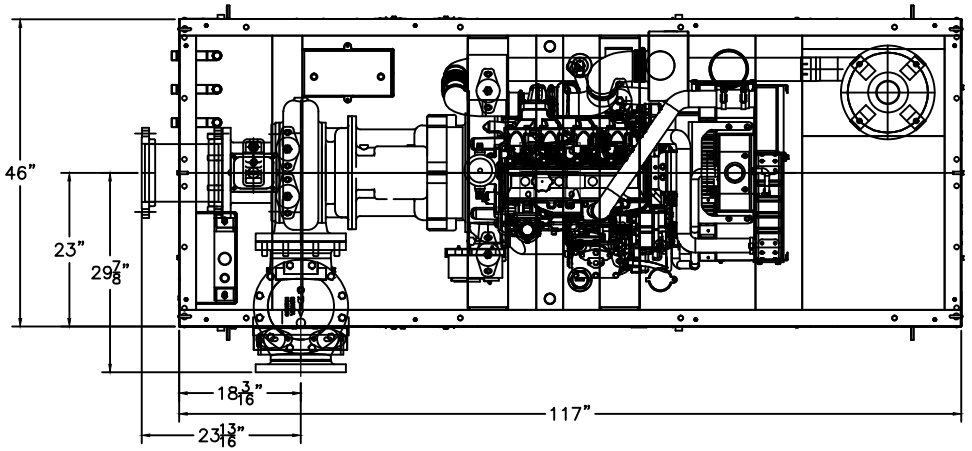
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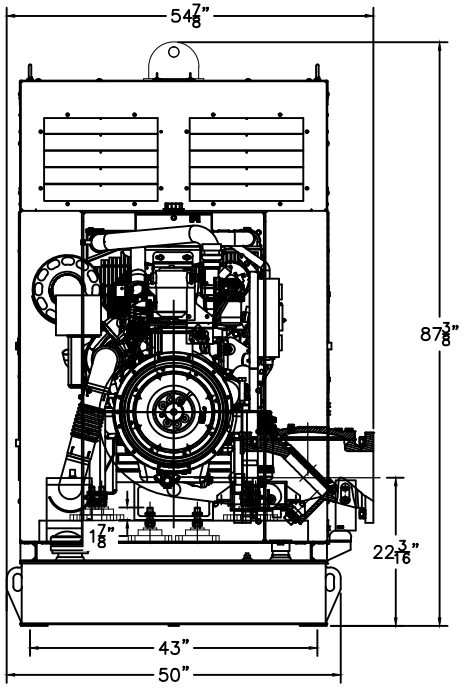
SCALE 1/1 SHEET 1 OF 1

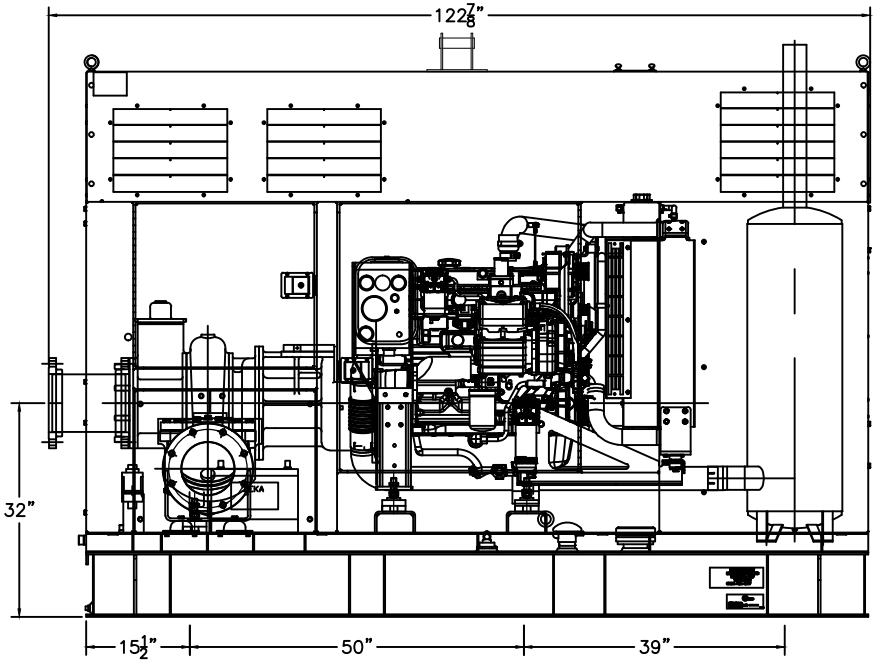
REV. A
DWG NO. 100GPA0003857

NOTES
1. DIMENSIONS IN INCHES
2. DO NOT SCALE DRAWING
3. DRAWING IS NOT FOR CONSTRUCTION
4. CONSULT FACTORY FOR CERTIFIED DIMENSIONS
5. SUCTION FLANGE: 8"/150# ANSI RF
6. DISCHARGE FLANGE: 8"/150# ANSI FF
7. APPROX. EMPTY WEIGHT: 5,600 LBS
8. FUEL CAPACITY: 150 GALLONS

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
XXX	XXX	XXX	XXX	XXX







SYMBOLS ETC. TO ANSI Y14	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE COATINGS TOLERANCES ARE:	APPROVALS	DAY	MON.	YEAR
THIRD ANGLE PROJ.	2-PLACE DECIMALS± .03 3-PLACE DECIMALS ± .010 ANGLES FRACTIONS 1/16	DRAWN BY D. STETSER APPROVED BY P. NATALINO ISSUED			

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TITLE: CD225M JD4045H280-T3 UL LOUVERED CRITICAL SILENCE N32-10512

S.O.#

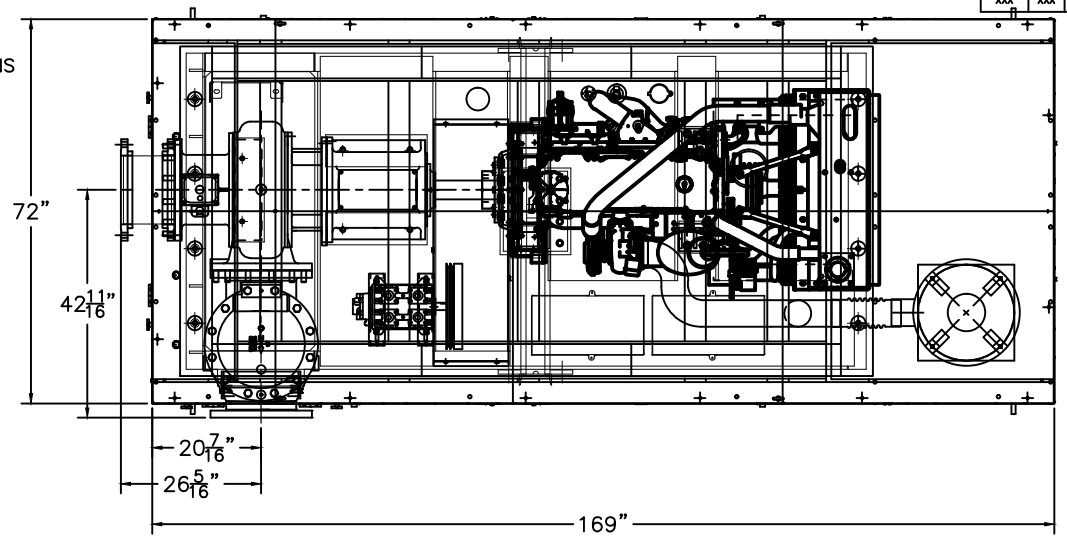
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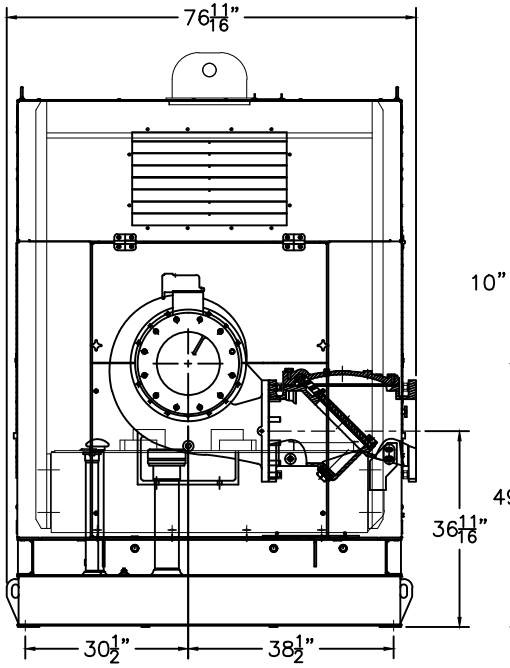
SCALE 1/1 SHEET 1 OF 1

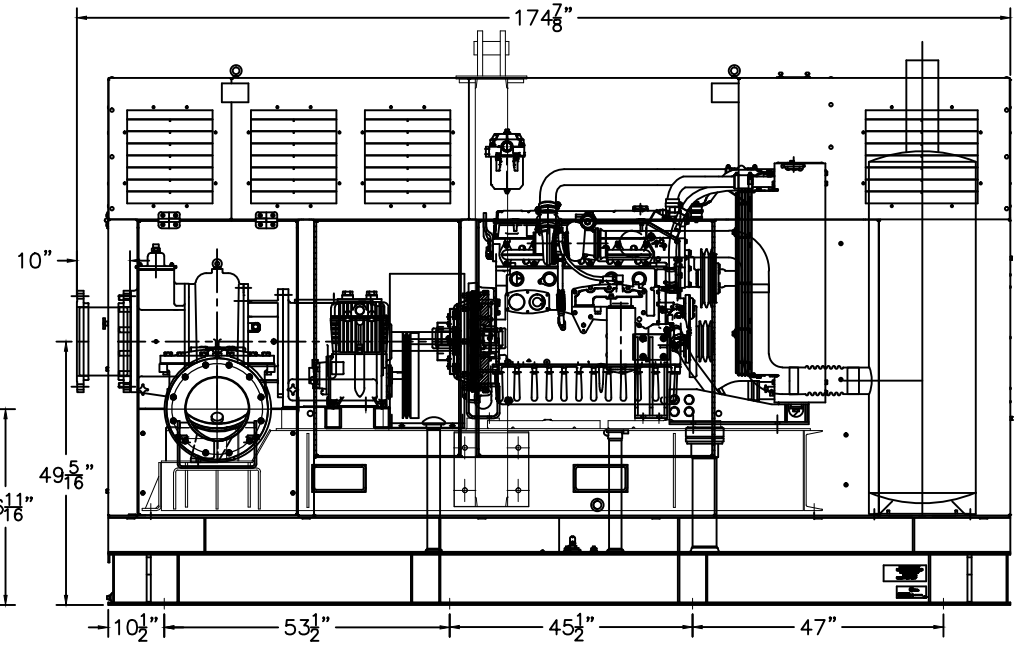
REV. -
DWG NO. 100GPA0046350

NOTES
1. DIMENSIONS IN INCHES
2. DO NOT SCALE DRAWING
3. DRAWING IS NOT FOR CONSTRUCTION
4. CONSULT FACTORY FOR CERTIFIED DIMENSIONS
5. SUCTION FLANGE: 12"/150# ANSI RF
6. DISCHARGE FLANGE: 12"/150# ANSI FF
7. APPROX. DRY WEIGHT: 14,500 LBS
8. FUEL CAPACITY: 250 GALLONS

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
XXX	XXX	XXX	XXX	XXX







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SYMBOLS ETC. TO ANSI Y14	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE COATINGS TOLERANCES ARE: 2-PLACE DECIMALS± .03, 3-PLACE DECIMALS ± .010, ANGLES, FRACTIONS 1/16	APPROVALS	DAY	MON.	YEAR
THIRD ANGLE PROJ.		DRAWN BY D. STETSER	X	X	00
		APPROVED BY D. STETSER	X	X	X
		ISSUED X	X	X	X

TITLE: CD300M CAT C9 UL CRITICAL SILENC W/LOUVERS, N32-9571, FABRICATION

S.O#

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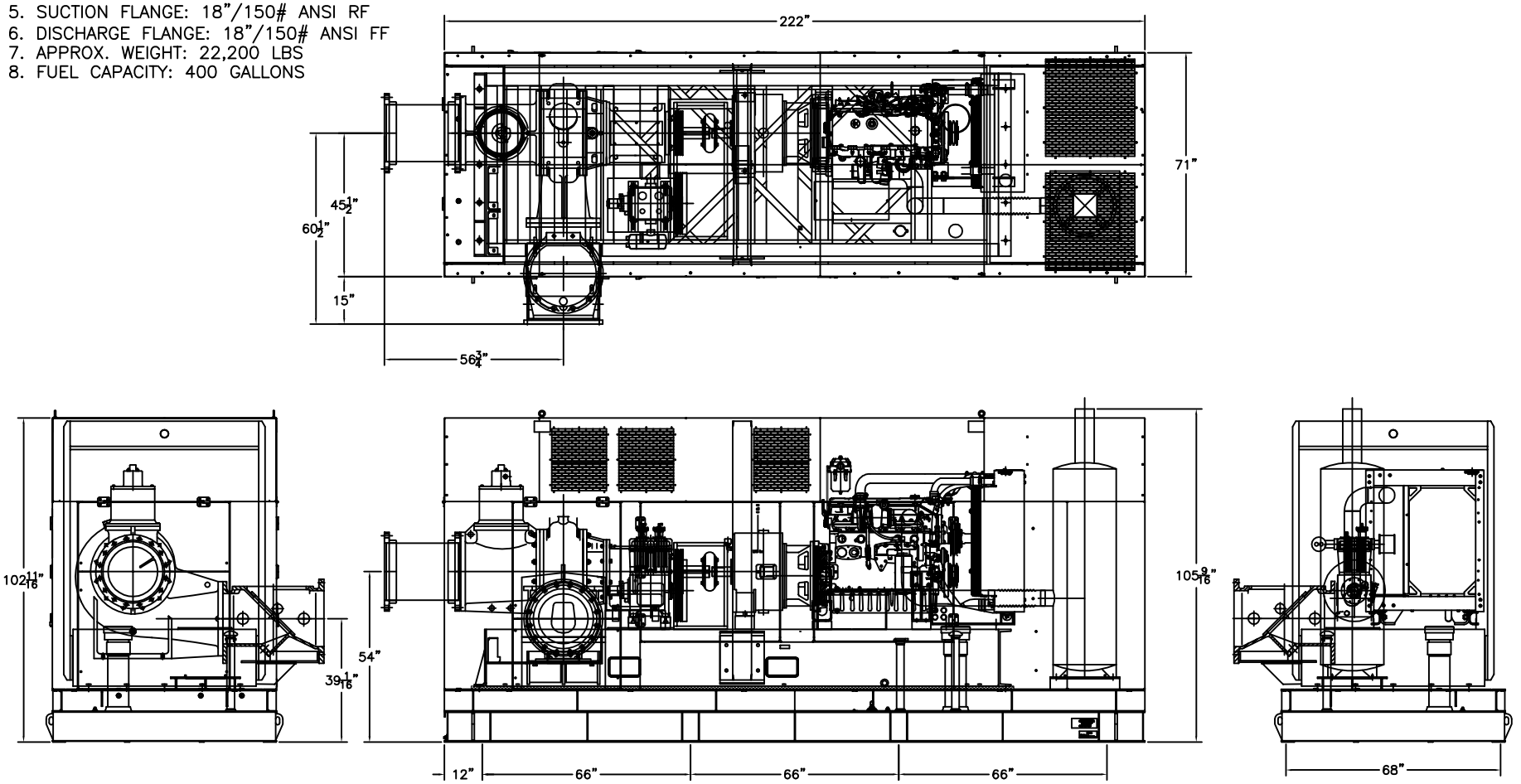
SCALE 1/1 SHEET 1 OF 1

REV. A

DWG NO. 100GPA0007477

NOTES
1. DIMENSIONS IN INCHES
2. DO NOT SCALE DRAWING
3. DRAWING IS NOT FOR CONSTRUCTION
4. CONSULT FACTORY FOR CERTIFIED DIMENSIONS
5. SUCTION FLANGE: 18"/150# ANSI RF
6. DISCHARGE FLANGE: 18"/150# ANSI FF
7. APPROX. WEIGHT: 22,200 LBS
8. FUEL CAPACITY: 400 GALLONS

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

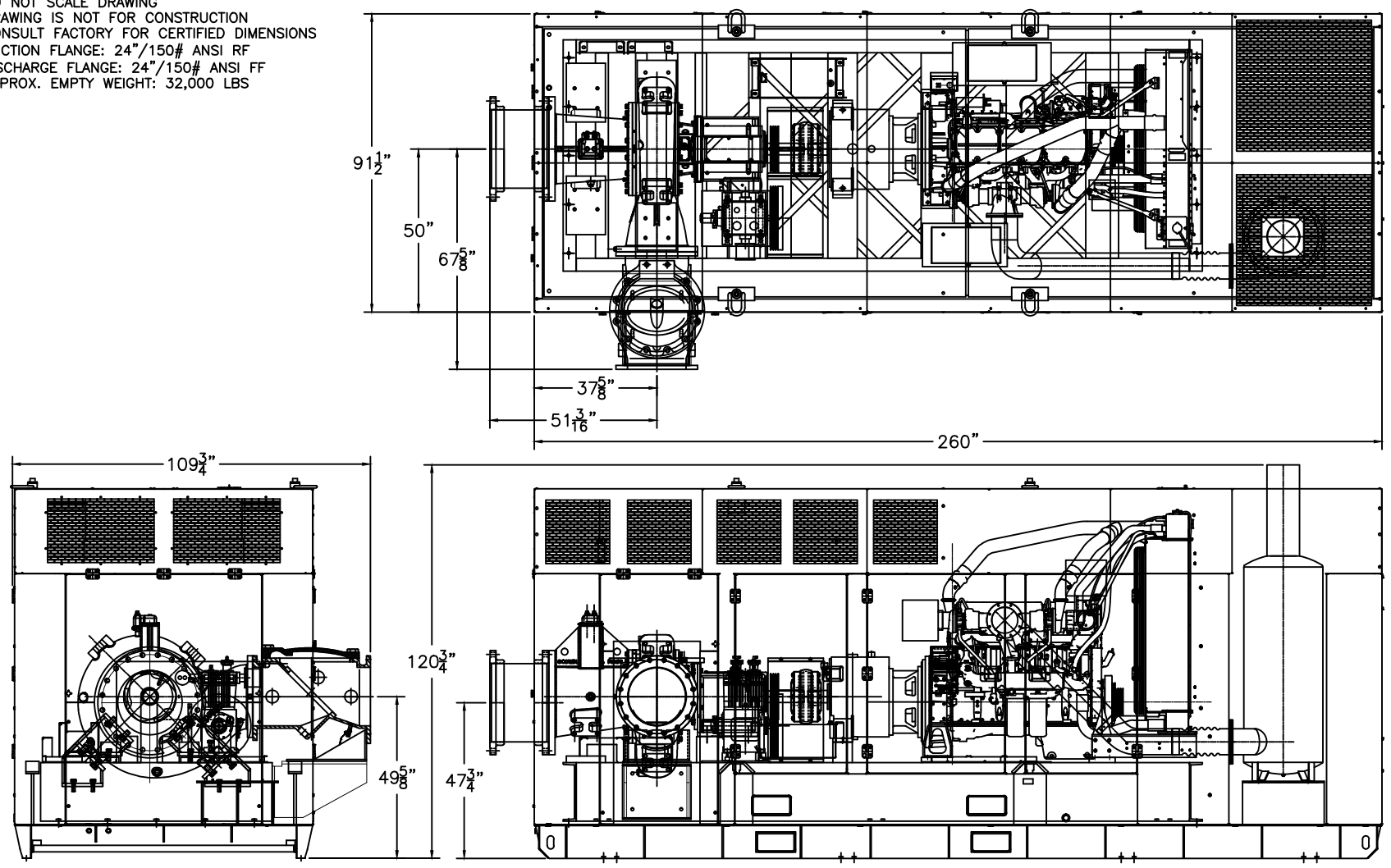


		SYMBOLS ETC. TO ANSI Y14	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE COATINGS TOLERANCES ARE: 2-PLACE DECIMALS± .03 3-PLACE DECIMALS ± .010 ANGLES FRACTIONS 1/16	APPROVALS	DAY	MON.	YEAR	godwin pumps.
				DRAWN BY D. STETSER	28	10	11	84 Floodgate Road, Bridgeport, NJ 08014, USA (856) 467-3636 Fax (856) 467-5676
				APPROVED BY J.VALLANDINGHAM	X	X	X	TITLE CD400M – CAT C9 CRITICAL SILENCE 400 GAL UL TANK
XXX	XXX			ISSUED X	X	X	X	CUSTOMER
NEXT ASS'Y	USED ON	THIRD ANGLE PROJ.						SIZE C FSCM NO. DWG NO. 3937 REV –
APPLICATION								SCALE 1/1 SHEET 1 OF 1

REV. –
DWG NO. 3937

NOTES
1. DIMENSIONS IN INCHES
2. DO NOT SCALE DRAWING
3. DRAWING IS NOT FOR CONSTRUCTION
4. CONSULT FACTORY FOR CERTIFIED DIMENSIONS
5. SUCTION FLANGE: 24"/150# ANSI RF
6. DISCHARGE FLANGE: 24"/150# ANSI FF
7. APPROX. EMPTY WEIGHT: 32,000 LBS

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
XXX	XXX	XXX	XXX	XXX



SYMBOLS ETC. TO ANSI Y14	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE COATINGS	APPROVALS	DAY	MON.	YEAR
THIRD ANGLE PROJ.	TOLERANCES ARE:	DRAWN BY D. STETSER			
	2-PLACE DECIMALS± .03	APPROVED BY P. NATALNO			
	3-PLACE DECIMALS ± .010	ISSUED X			
	ANGLES				
	FRACTIONS 1/16				

godwin
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TITLE
CD500M CAT C18 CRITICAL SILENCE N32-9482

S.O#

SIZE	DWG NO.	REV
C	100GPA0004350	–

SCALE 1/1 SHEET 1 OF 1

REV. –
DWG NO. 100GPA0004350