ARMSTRONG

VERTICAL TURBINE DIESEL FIRE PUMP │ 8×12H VTF
WITH 8×12 CAST IRON HEAD │ SUBMITTAL

Job: _____

_____

Engineer: _____

Contractor: _____

Representative: _____

Order no.: _____ Date:_____

Submitted by: _____ Date:_____

Approved by: _____ Date:_____

Model: 8×12H VTF   **Discharge head:** 8×12 A

RPM: 1770 Water lube

1500 GPM: _____ T.D.H

☐ FM   ☐ UL   ☐ NFPA-20 only

☐ Approval   ☐ Construction

☐ Engine model: _____

☐ Ragd model: _____

☐ Shaft model: _____
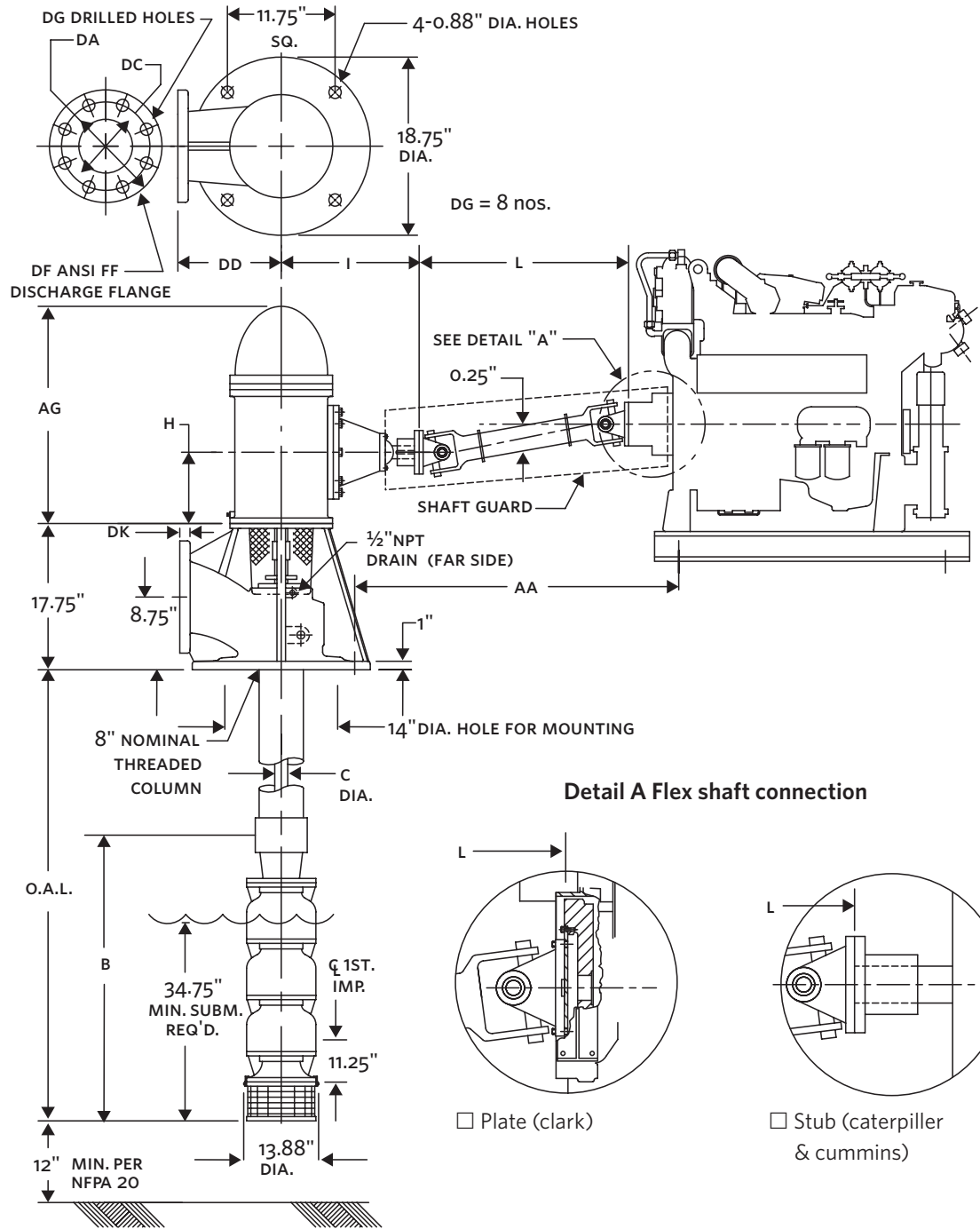
☐ Controller model: _____

NOTES

- Dimension based on randolph gear drive. May vary when driver adaptor is required.
- Dimensions are in inches unless otherwise indicated.
- Engine to base mounting and cooling loop to be field installed and plumbed.
- Engine oil & anti freeze/coolant may not be included.
- Gear shipped filled with oil. Check level before installation.
- Refer dwg. no._____ for Engine dimensions.
- Not to be used for construction unless certified.

PRESS RATE	DISCHARGE FLANGE INCH (mm)					
	DA	DC	DD	DF	DG	DK
125 #	13.50 (343)	11.75 (299)	10.50 (267)	8.00 (203)	0.88 (22)	1.13 (29)

FM Approved

cULus

NO OF STG'S	DISCHARGE SIZE INCH (mm)	RATING	RAGD HP	AG*	B	C	H*	I*	L	AA
				INCH (mm)						
3	8.00 (203)	125	100	24.50 (622)	58.88 (1495)	1.25 (32)	10.63 (270)	17.00 (432)	—	—
3	8.00 (203)	125	125	29.00 (737)	58.88 (1495)	1.25 (32)	13.44 (341)	18.00 (457)	—	—

* Dimension based on randolph gear drive. May vary when driver adaptor is required.

DG DRILLED HOLES

DA

DC

11.75"
SQ.

4-0.88" DIA. HOLES

18.75"
DIA.

DG = 8 nos.

DF ANSI FF
DISCHARGE FLANGE

DD

I

L

SEE DETAIL "A"

0.25"

AG

H

SHAFT GUARD

DK

½"NPT
DRAIN (FAR SIDE)

AA

17.75"

8.75"

1"

14"DIA. HOLE FOR MOUNTING

8" NOMINAL
THREADED
COLUMN

C
DIA.

Detail A Flex shaft connection

O.A.L.

B

34.75"
MIN. SUBM.
REQ'D.

C 1ST.
IMP.

11.25"

L

L

12" MIN. PER
NFPA 20

13.88"
DIA.

☐ Plate (clark)

☐ Stub (caterpiller
& cummins)