(ONLY 1 OF 3 ENGINES SHOWN)

900 HP DIESEL ENGINE

DISCONNECT CLUTCH

PUMP DRIVE GEARBOX

ELECTRIC HPU

MAIN MANIFOLD

3500 PSI

1250

3500

3500 PSI

TO ENGINES

SC	8" NOM PIPE	SC
D	3" NOM PIPE	D
PC	¾" SS TUBE	PC
P	6" NOM PIPE	P
PP	2" SS TUBE	PP
R	6" NOM PIPE	R
D	3" NOM PIPE	

TO TEST FLOOR

4" NOM PIPE

65 PSI

65 PSI

30 PSI

100 PSI

50 PSI

50 PSI

15 PSI

40 PSI

SUPERCHARGE PUMP

OIL LEVEL SWITCH
LOW LEVEL SHUTDOWN

TEMP SWITCH
HOT OIL SHUTDOWN 140°F

ELECTRONIC PRESSURE CONTROL "PC1" 3000 PSI

ELECTRONIC PRESSURE CONTROL "PC2" 3000 PSI

REVISIONS

DESCRIPTION	DFTSMN	APPVL	DATE	LETTER	ECN NO.

SOURCE/REF. DRAWING:

PROPRIETARY DATA

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UNLESS OTHERWISE SPECIFIED

MATERIAL DESCRIPTION

MATERIAL SIZE

FINISH MASK

- THREAD DEPTHS ARE TO MIN. FULL THDS
- DRILL DEPTHS ARE TO FULL DIA.
- REMOVE BURRS AND SHARP EDGES
- DO NOT SCALE PRINT

SCALE NONE

MACHINED SURFACES 125 180

.XXX HOLE SIZE TOLERANCE

0.000 TO .750	OVER .750 TO 1.500
+.010/-.002	+.015/-.003

GENERAL TOLERANCES

ANGLE	±2°
X/Y	±1/4
.X	±.1
.XX	±.03
.XXX	±.010

THIRD ANGLE PROJ.

DRAWN	CHECK	ENGR	MFG
RWR		JWI	
DATE 3-1-96	DATE	DATE 3-96	DATE

TITLE: HYDRAULIC SCHEMATIC-NCREE

NEXT LEVEL

SIZE D

NUMBER 516323-01

REV A

PRODUCT CODE HMPGXX

SHEET 1 OF 1

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