T 1/2/3 STR 1/2/3
STRIPPER PUMP SUCTION STRAINERS

T-1/2
CRUDE OIL STORAGE TANKS
300'-0" ID X 36'-10" H
418,707 BBL @
DESIGN LIQUID LEVEL 33'-3" (SG 0.876)
400,000 BBL NOMINAL
OPEN FLOATING ROOF

SJT-107/108/109/110/111/112
TANK MIXERS
75 HP, 1780 RPM, 460 V
VARIABLE ANGLE

SJTP-101, 102, 103
STRIPPING PUMPS
CAPACITY: 400 GPM (13,700 BPD)
DISCH. PRESS: 10-125 PSIG
DRIVER: 25 HP, 1765 RPM, 460 V
(VIKING MODEL M125R)

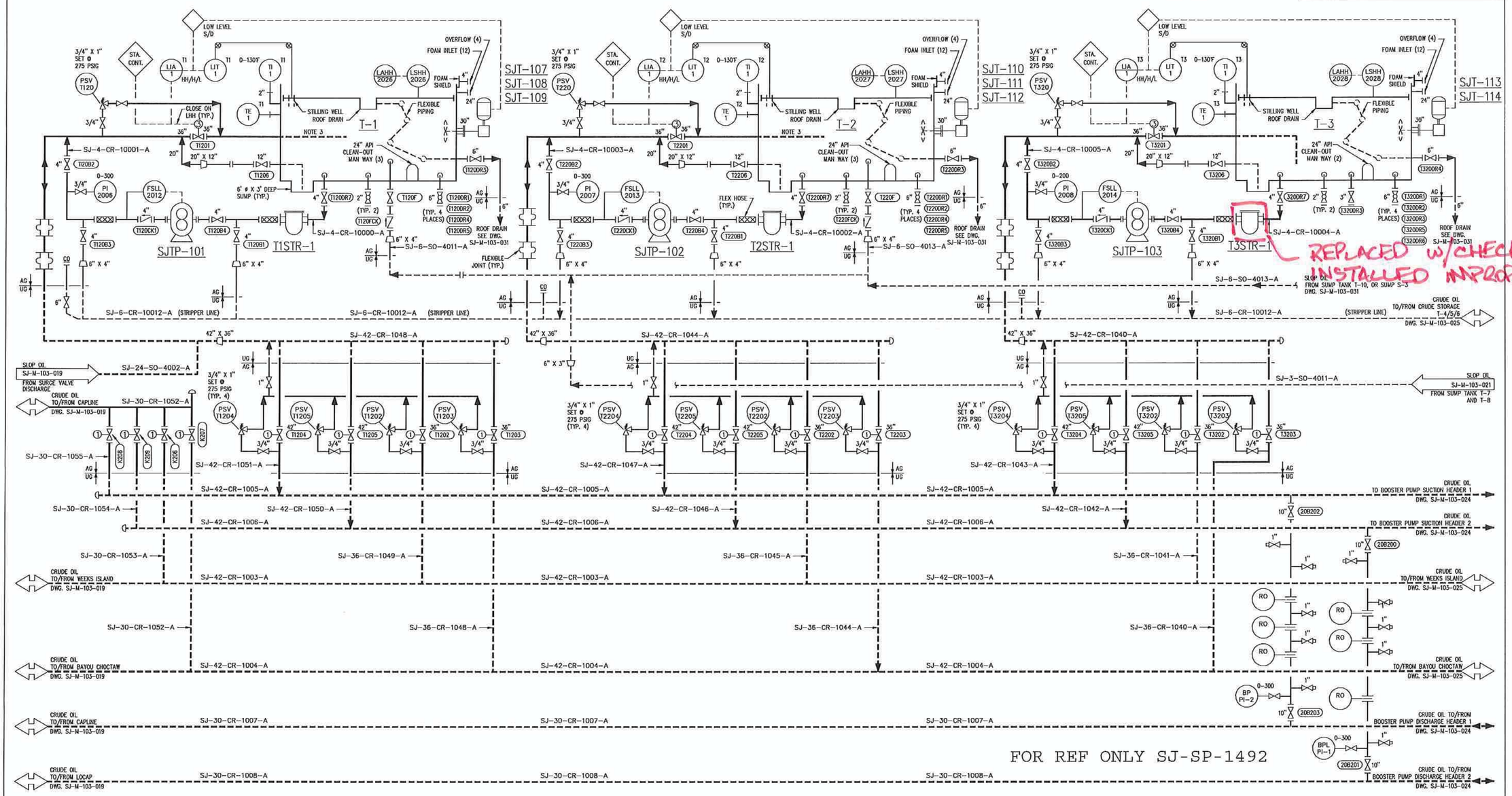
T-3
CRUDE OIL STORAGE TANK
212'-0" ID X 36'-10" H
209,084 BBL @
DESIGN LIQUID LEVEL 33'-3" (SG 0.876)
200,000 BBL NOMINAL
OPEN FLOATING ROOF

SJT-113/114
TANK MIXERS
50 HP, 1770 RPM, 460 V
VARIABLE ANGLE

NOTES:
1. FOR SYMBOLS AND LEGENDS SEE DRAWINGS: NS-M-150-001/002/003.
2. FOR MOV INSTRUMENTATION SEE DRAWING SJ-M-103-035.
3. 'Y' LATERALS WITH 3" X 20" SLOTS, DIFFUSER/VORTEX BREAKER.
4. ONLY PRIMARY INSTRUMENTS WERE FIELD VERIFIED.
5. SITE CHECK DATES: 11/16/92-11/20/92, 12/1/92-12/3/92.

SUPERSEDES DRAWING

DRAWING NO.	TASK	REV	DATE	REMARKS
D-3				



FOR REF ONLY SJ-SP-1492

NO.	CHANGE DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT R.E.	PROJECT MANAGER	D.O.E. APPROVAL	DATE
2	AS BUILT PER ECP SJ-M/O-4610	MAC	TIES				5/17/99
1	AS BUILT PER PAN # 999-DOC, ECN # 100	SS	BH				10/28/94
0	AS BUILT PER TASK NS-OM-032	JKM	EBH			JWS	9/1/93
	ORIGINAL INITIAL/SIGNATURE FOR REVISION BLOCK, P.E. SEAL AND DOE APPROVAL ARE ON HARD COPY ORIGINAL ON FILE WITH SPR						

REGISTRATION STAMP
NUMBER
DESIGNED BY:
DRAWN BY:
CHECKED BY:
PROJECT R.E.:
SIGNATURE:
DATE:

PIPING & INSTRUMENT DIAGRAM
CRUDE OIL STORAGE TANKS
T-1 THRU T-3
ST. JAMES TERMINAL
ST. JAMES PARISH, LOUISIANA

OFFICE OF ENGINEERING AND CONSTRUCTION
STRATEGIC PETROLEUM RESERVE
APPROVED FOR CONSTRUCTION
DATE

FLOOR DAWES/DOE CONTRACT NUMBER:
TASK NUMBER:
DISCIPLINE: MECHANICAL
SCALE: NONE
DRAWING NUMBER: SJ-M-103-023
SHEET ___ OF ___
REV. 2
"D" SHEET-24"X 36"
ACAD FILENAME: 71030039

09/07/1993 15