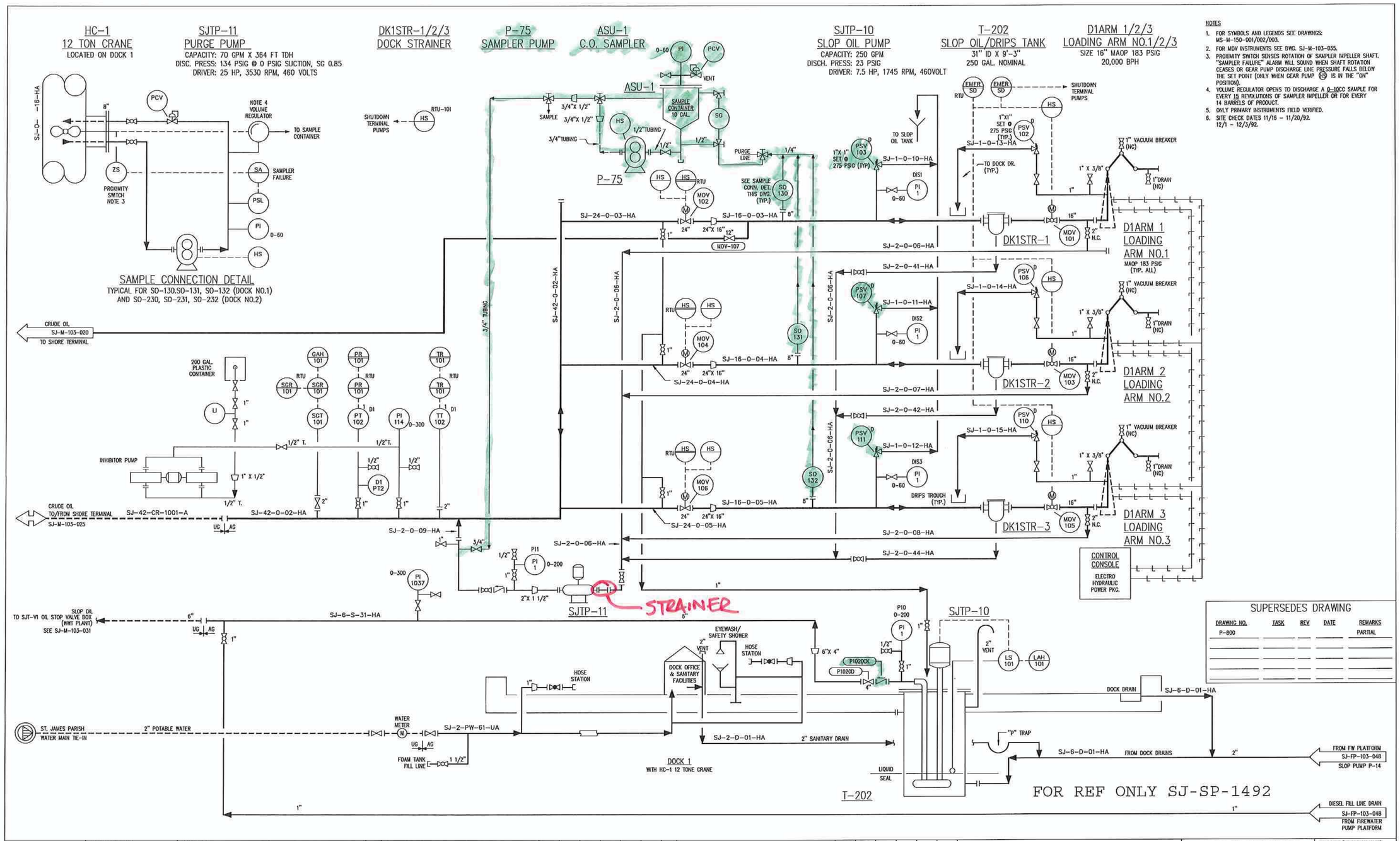

NOTES

1. FOR SYMBOLS AND LEGENDS SEE DRAWINGS: MS-M-150-001/002/003.
2. FOR MOV INSTRUMENTS SEE DWG. SJ-M-103-035.
3. PROXIMITY SWITCH SENSES ROTATION OF SAMPLER IMPELLER SHAFT. "SAMPLER FAILURE" ALARM WILL SOUND WHEN SHAFT ROTATION CEASES OR GEAR PUMP DISCHARGE LINE PRESSURE FALLS BELOW THE SET POINT (ONLY WHEN GEAR PUMP HS IS IN THE "ON" POSITION).
4. VOLUME REGULATOR OPENS TO DISCHARGE A 0-10CC SAMPLE FOR EVERY 15 REVOLUTIONS OF SAMPLER IMPELLER OR FOR EVERY 14 BARRELS OF PRODUCT.
5. ONLY PRIMARY INSTRUMENTS FIELD VERIFIED.
6. SITE CHECK DATES 11/16 - 11/20/92. 12/1 - 12/3/92.

SUPERSEDES DRAWING

DRAWING NO.	TASK	REV	DATE	REMARKS
P-800				PARTIAL

REGISTRATION STAMP

NUMBER

DESIGNED BY:
DRAWN BY:
CHECKED BY:
PROJECT R.E.:
SIGNATURE:
DATE:

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, 101	CD	BH				10/24/94
0	AS BUILT PER TASK NS-OM-032	DCT	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						

PIPING & INSTRUMENT DIAGRAM

CRUDE OIL LOADING/UNLOADING
DOCK NO. 1

ST. JAMES DOCK
ST. JAMES PARISH, LOUISIANA

OFFICE OF ENGINEERING AND CONSTRUCTION

STRATEGIC PETROLEUM RESERVE

APPROVED FOR CONSTRUCTION
DATE

FLOOR BAND/DOE CONTRACT NUMBER:
TASK NUMBER:
DISCIPLINE: MECHANICAL
SCALE: NONE
DRAWING NUMBER: SJ-M-103-026
SHEET ___ OF ___ REV. 2

"D" SHEET-24"X 36"

ACAD FILENAME: 71030042

09/07/1993 16