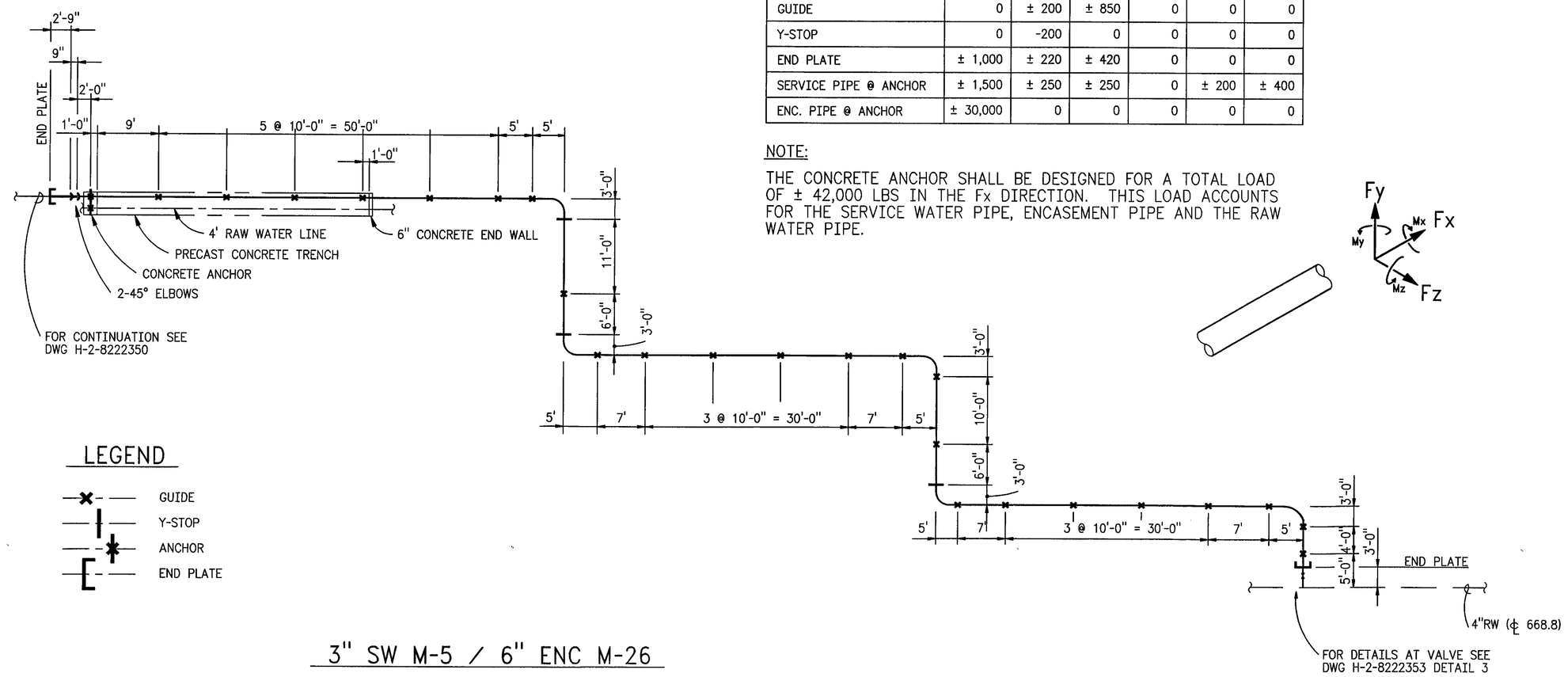
SUPPORT & ANCHOR DESIGN LOADS (LBS)

	Fx	Fy	Fz	Mx	My	Mz
GUIDE	0	± 200	± 850	0	0	0
Y-STOP	0	-200	0	0	0	0
END PLATE	± 1,000	± 220	± 420	0	0	0
SERVICE PIPE @ ANCHOR	± 1,500	± 250	± 250	0	± 200	± 400
ENC. PIPE @ ANCHOR	± 30,000	0	0	0	0	0

NOTE:

THE CONCRETE ANCHOR SHALL BE DESIGNED FOR A TOTAL LOAD OF ± 42,000 LBS IN THE Fx DIRECTION. THIS LOAD ACCOUNTS FOR THE SERVICE WATER PIPE, ENCASEMENT PIPE AND THE RAW WATER PIPE.



LEGEND

- GUIDE
- Y-STOP
- ANCHOR
- END PLATE

3" SW M-5 / 6" ENC M-26

1 SUPPORT PLAN

NOTES:

1. SEE CONSTRUCTION SPECIFICATION W-058-C5, SECTION 15493, APPENDIX B.

JAMES R. COLLINS, STATE OF WASHINGTON, 16941, REGISTERED PROFESSIONAL ENGINEER — 11/13/97

EXPIRES: 11/11/99

DWG NO	TITLE	REF NUMBER	TITLE
DRAWING TRACEABILITY LIST		NEXT USED ON	REFERENCES

REV NO	DESCRIPTION	REV BY DATE	ENGR	COMPANY
S 1	INCORP ECN W-058-155 W-058 PROJECT TURNOVER AND	P LAING 7/29/97	11/13/97	11/20/97

REVISIONS

CADFILE B822220B CADCODE DOS:6.22:ACD2:12.0:SS

DRAWN BY	PLAING	8/96
DSGN ENGR	KELLY HAYASE	8/14/96
CHECKED	KELLY K HAYASE	8/14/96
SAFETY	SEE DR/AT FORM	
ENVIR	SEE DR/AT FORM	
QUAL ENGR	SEE DR/AT FORM	
LEAD ENGR	JR COLLINS	8/14/96
CUSTOMER		
COMPANY	WHC	
APVD	C VANKATWIJK	8/20/96
APVD		

SAFETY CLASS 3 — USE CONSTRUCTION — REVIEW NO. 1 DATE 8/6/96

U.S. DEPARTMENT OF ENERGY
Richland Operations Office
ICF KAISER HANFORD COMPANY

CIVIL
FLUSH SYSTEM PIPE/ENC
SUPPORT PLAN

PROJECT W-058 REPLACEMENT OF CROSS SITE TRANSFER SYSTEM

SIZE F — BLDG NO 242-S — INDEX NO 8511 — DWG NO H-2-822220 — REV 1

SCALE SHOWN — EDT — SHEET 2 OF 2

2 PLOT SCALE: 1=1

GTITLE.DWG (1/96)
KEH 2297.00

DWG NO H-2-822220 — SH 2 OF 2 — REV 0