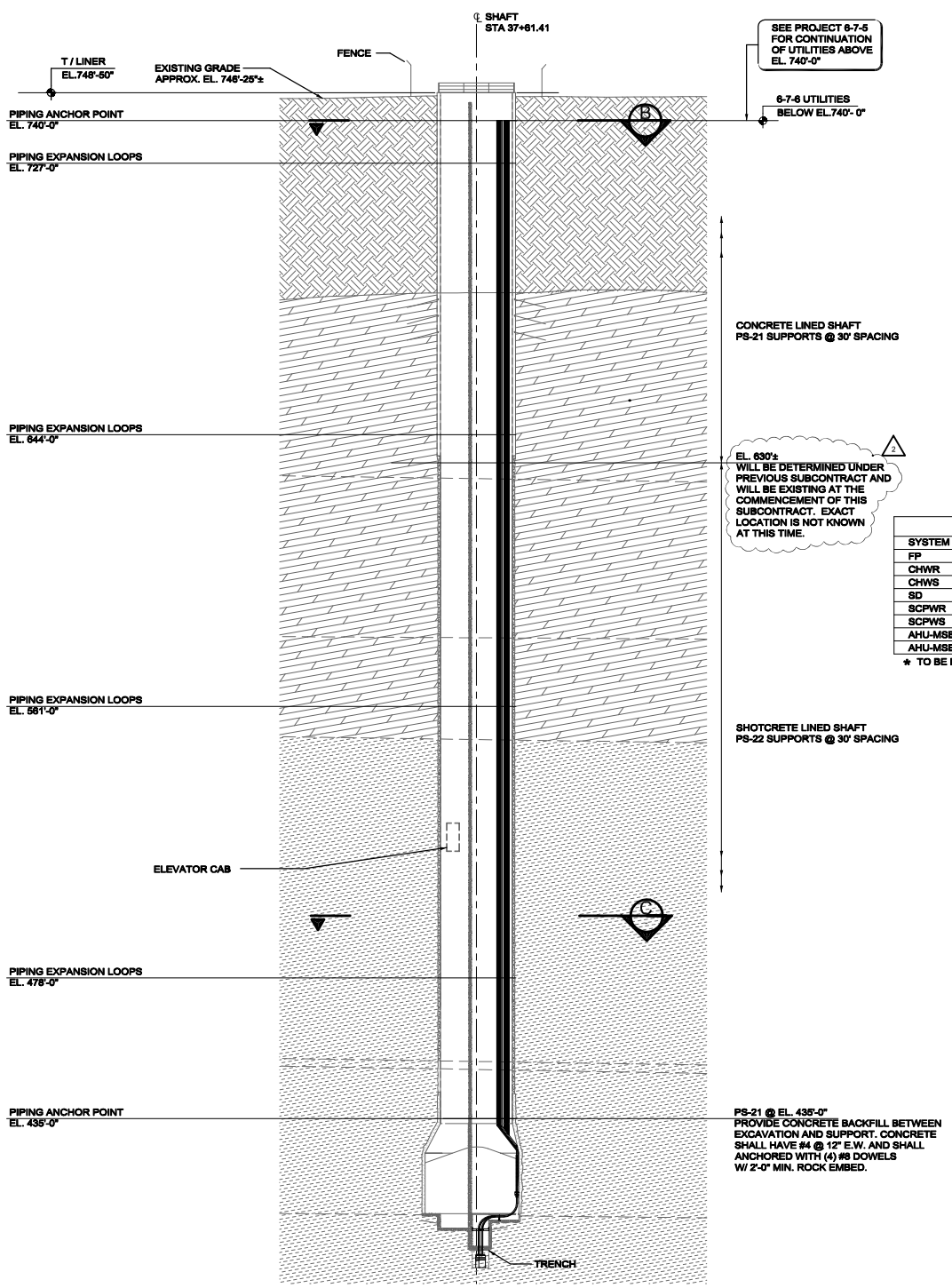
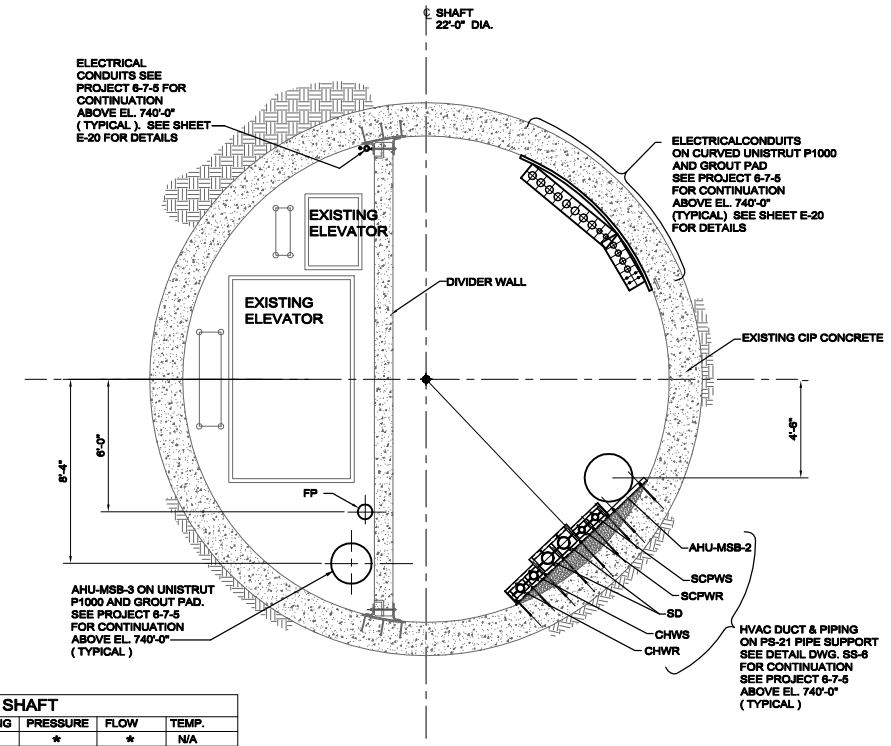


SECTION A / A-6
SCALE 1/16"=1'-0

E-19, E-20, E-33, FPE-7, M-10, FP-3

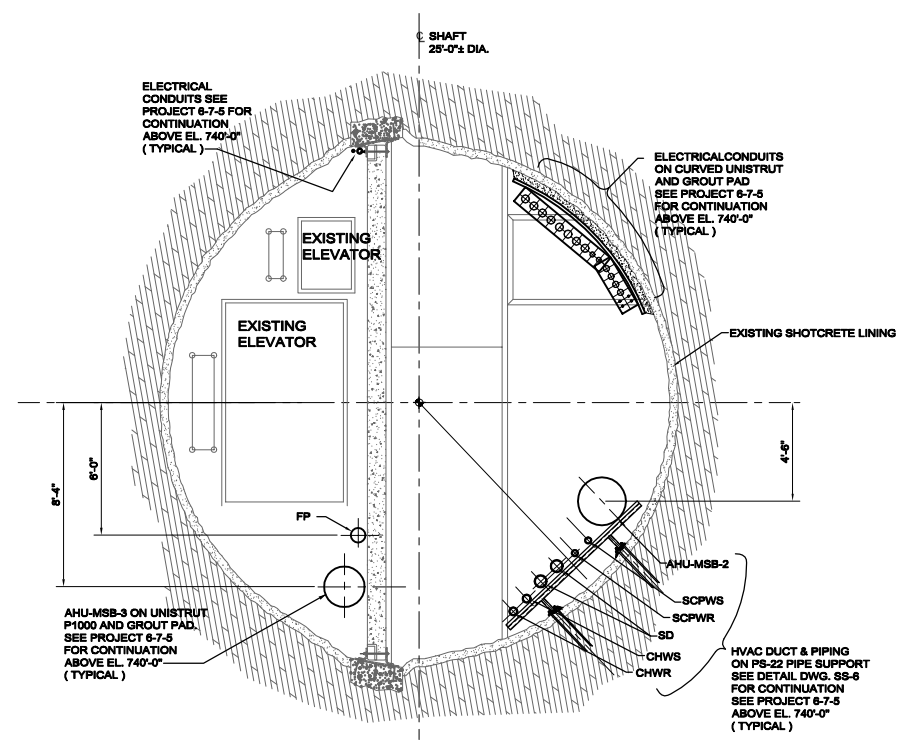


SECTION B
SCALE 3/8"=1'-0

UTILITIES IN MINOS SHAFT

SYSTEM	DIA.	INS.	MAT'L	PRESSURE RATING	PRESSURE	FLOW	TEMP.
FP	*	NO	SCH40 STL.	300 PSI	*	*	N/A
CHWR	4"	1 1/2"	SCH40 STL.	300 PSI	> △P=50 PSI	251 GPM	60°F
CHWS	4"	1 1/2"	SCH40 STL.	300 PSI		251 GPM	50°F
SD	6"	NO	SCH80 STL.	300 PSI	N/A	450 GPM	N/A
SCPWR	3"	NO	SCH40 STL.	300 PSI	NOT REQ'D	450 GPM	107°F
SCPWS	3"	NO	SCH40 STL.	300 PSI	NOT REQ'D	81 GPM	90°F
AHU-MSB-2	26"	NO	GALV. STL.	+2" WC	1.3" WC	5500 CFM	60°F MIN.
AHU-MSB-3	24"	NO	GALV. STL.	+2" WC	1.0" WC	3500 CFM	60°F MIN.

* TO BE DETERMINED BY FP SUB-CONTRACTOR



SECTION C
SCALE 3/8"=1'-0

PART OF PROJECT 6-7-9

REV.	DATE	DESCRIPTIONS
2	03/31/02	AMENDMENT 2

REVISIONS

FLUOR DANIEL
CHICAGO ILLINOIS

A/E CONSULTANT		DATE
DESIGNED	Z. SILJKOVIC	7/24/00
DRAWN	Z. SILJKOVIC	7/24/00
CHECKED	R. BRUNTON	7/24/00
APPROVED		

FERMI LAB		DATE
FINAL REVIEW	J. SIMS	01/16/02
ENG. ACCEPTED	E. CRUMPLEY	01/16/02
FESS ACCEPTED	D. NEVIN	01/16/02
SUBMITTED	R. PLUNKETT/D. BOGERT	01/16/02

PROJECT NORTH

SCALE:
1/16"=1'-0" 8 0 8 16 24 32 40 SCALE FEET
3/8"=1'-0" 1 0 1 2 3 4 5 6 7 SCALE FEET

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

NuMI OUTFITTING
MINOS ACCESS SHAFT - SECTIONS

DRAWING NO. 6-7-6 A-24 REV.

31 MAR. 2002

Dwg: A24-6-7-6.dwg Plotted: 29/MAR/02 @ 03:04:19p.m.