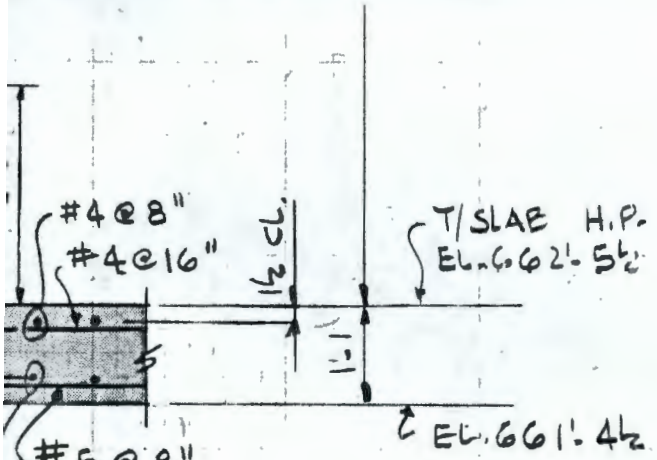


FINISH COAT NO. 1: AMERON'S AMERCOAT 33 (WHITE) AT A 1.5 MIL DFT
FINISH COAT NO. 2: AMERON'S AMERCOAT 33 (WHITE) AT A 1.5 MIL DFT

8. SHIELDING BLOCKS ARE DESIGNED FOR A UNIFORM 20 PSF LIVE LOAD WHICH IS ALTERNATIVELY ALSO THE SNOW LOAD.

OFFICIAL RELEASE BY WHC
DATE JUL 09 1988

B

ESTIMATED CONCRETE VOLUME:
DWGS H-2-98795, H-2-98797, H-2-98798 = 176 CY
DWG. H-2-98796 (SHIELDING SLABS) = 82 CY.

ROCKWELL REVIEW COPY ON FILE
SUBMITTAL NO. 5.8.E
DATE 8-11-87

NORTH CAROLINA PROFESSIONAL SEAL 11977 ENGINEER NARA N. RAY

Nara N. Ray
11/25/86

IMPACT LEVEL 2
EDT #100853

JUN 1990 RECEIVED EDMC

DESCRIPTION	REV
ONS	

		DATE
DOE/RL APPROVAL	BY LD Vanselow	7/7/88
PROJ ENGR	Tom Gann	9/30/86
QA	Randolph Parker	9/30/86
APPROVED BY	NA	
SAFETY	NA	
APPROVED BY	[illegible]	7-24-86
CHECKED BY	[illegible]	9-1-[illegible]
DRAWN BY	K. FARRAR	9-9-[illegible]
DESIGNED BY	[illegible] Ray	9-9-[illegible]

U. S. DEPARTMENT OF ENERGY
Richland Operations Office

Associated Technologies Incorporated
212 S. Tryon St. Charlotte, N.C. 28281

LCT/MIXER MODULE & MOTOR PIT FOUNDATION PLAN, SECTIONS & DETAILS

A

PROJECT TITLE: TRANSPORTABLE-GROUT EQUIPMENT FACILITY

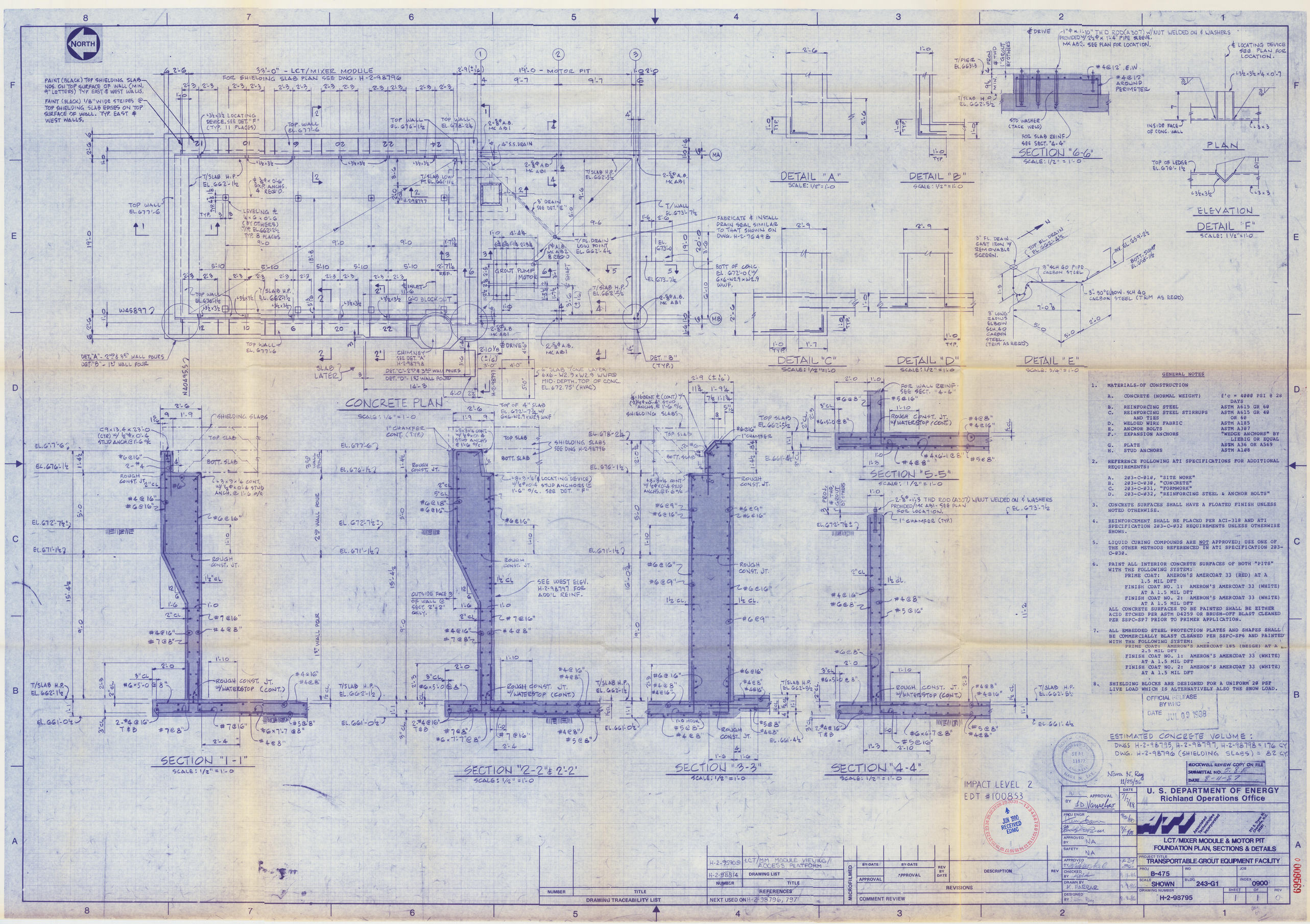
PROJ	WO	JOB
B-475		

SCALE	BLDG	INDEX
SHOWN	243-G1	0900

DRAWING NUMBER	SHEET	OF	REV
H-2-98795	1	1	0

0009569

2 1



GENERAL NOTES

1. MATERIALS OF CONSTRUCTION

A.	CONCRETE (NORMAL WEIGHT)	f'c = 4000 PSI @ 28 DAYS
B.	REINFORCING STEEL	ASTM A615 GR 60
C.	REINFORCING STEEL STIRRUPS AND TIES	ASTM A615 GR 40 OR 60
D.	WELDED WIRE FABRIC	ASTM A185
E.	ANCHOR BOLTS	ASTM A307
F.	EXPANSION ANCHORS	"WEDGE ANCHORS" BY LIEBIG OR EQUAL
G.	PLATE	ASTM A36 OR A569
H.	STUD ANCHORS	ASTM A108

2. REFERENCE FOLLOWING ATI SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS:
   A. 203-C-010, "SITE WORK"
   B. 203-C-030, "CONCRETE"
   C. 203-C-031, "FORMWORK"
   D. 203-C-032, "REINFORCING STEEL & ANCHOR BOLTS"

3. CONCRETE SURFACES SHALL HAVE A FLOATED FINISH UNLESS NOTED OTHERWISE.

4. REINFORCEMENT SHALL BE PLACED PER ACI-318 AND ATI SPECIFICATION 203-C-032 REQUIREMENTS UNLESS OTHERWISE SHOWN.

5. LIQUID CURING COMPOUNDS ARE NOT APPROVED; USE ONE OF THE OTHER METHODS REFERENCED IN ATI SPECIFICATION 203-C-030.

6. PAINT ALL INTERIOR CONCRETE SURFACES OF BOTH "PITS" WITH THE FOLLOWING SYSTEM:
   PRIME COAT: AMERON'S AMERCOAT 33 (RED) AT A 1.5 MIL DFT
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OFFICIAL RELEASE BY WHC DATE JUL 09 1998

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Nora N. Ray 11/25/96

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SUBMITTAL NO. 5.8.E
DATE 8-11-87

IMPACT LEVEL 2
EDT #100853

JUN 1990 RECEIVED EDMC

		DATE
DESIGN APPROVAL BY	J.D. Vanzelar	7/1/88
PROJ ENGR		9/20/90
DA		7/1/88
APPROVED BY	NA	
SAFETY	NA	
APPROVED BY		7-29-96
CHECKED BY		9-9-96
DRAWN BY	K. BARGAR	9-9-96
DESIGNED BY		9-9-96

U. S. DEPARTMENT OF ENERGY
Richland Operations Office

Advanced Technology Services Incorporated
2125 Stevens, N.E. Richland, WA 99352

LCT/MIXER MODULE & MOTOR PIT FOUNDATION PLAN, SECTIONS & DETAILS

PROJECT TITLE: TRANSPORTABLE-GROUT EQUIPMENT FACILITY

PROJ	WO	JOB
B-475		

SCALE	BLDG	INDEX
SHOWN	243-G1	0900

DRAWING NUMBER	SHEET	OF	REV
H-2-98795	1	1	0

NUMBER	TITLE
H-2-95909	LCT/MM MODULE VIEWING/ ACCESS PLATFORM
H-2-98814	DRAWING LIST

DRAWING TRACEABILITY LIST

REFERENCES
NEXT USED ON H-2-98796, 797

BY-DATE	BY-DATE	REV BY DATE	DESCRIPTION	REV
APPROVAL	APPROVAL			

REVISIONS

COMMENT REVIEW

MICROFILMED

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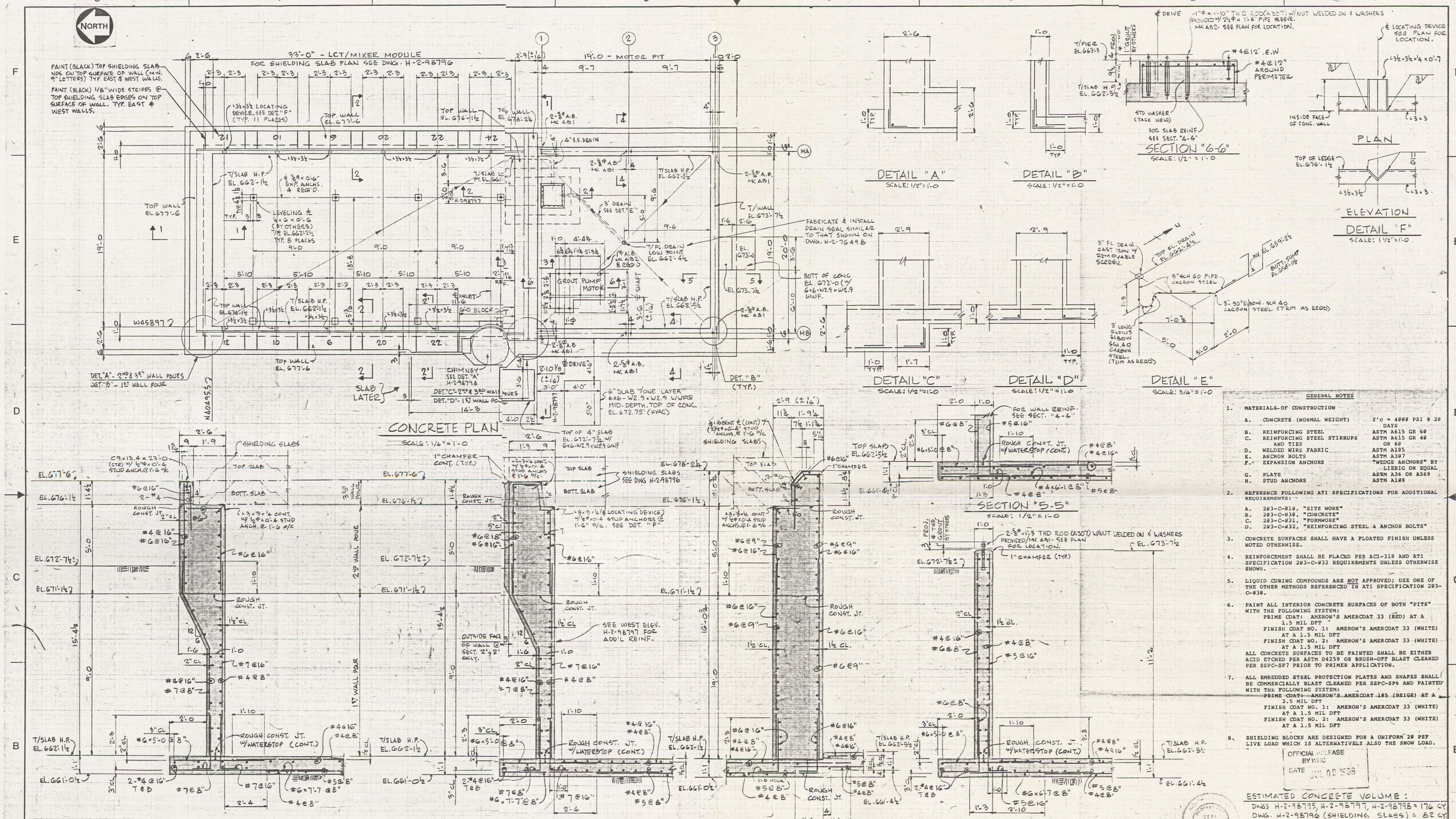

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SUBMITTAL NO. 5.8.E
DATE 8-11-87

IMPACT LEVEL 2
EDT #100853
JUN 1990 RECEIVED EDMC

APPROVAL BY J.D. Vanderhoef	DATE 7/7/88	U. S. DEPARTMENT OF ENERGY Richland Operations Office	
PROJ ENGR	7/6/88	Advanced Technologies Incorporated	
DA	7/7/88		
APPROVED BY NA		LCT/MIXER MODULE & MOTOR PIT FOUNDATION PLAN, SECTIONS & DETAILS	
SAFETY NA		PROJECT TITLE TRANSPORTABLE-GROUT EQUIPMENT FACILITY	
APPROVED BY		PROJ B-475	WO / JOB
CHECKED BY		SCALE SHOWN	BLDG 243-G1 / INDEX 0900
DRAWN BY K. FARRAR		DRAWING NUMBER H-2-98795	SHEET 1 OF 1 REV 0
DESIGNED BY			

NUMBER	TITLE
H-2-95905	LCT/MM MODULE VIEWING/ ACCESS PLATFORM
H-2-98814	DRAWING LIST

DRAWING TRACEABILITY LIST — REFERENCES — NEXT USED ON H-2-98796, 797

MICROFILMED

BY-DATE	BY-DATE	REV BY DATE	DESCRIPTION	REV
APPROVAL	APPROVAL		REVISIONS	
COMMENT REVIEW				

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