9 0 0 5 8	ERID#: 90058	LOS ALAMOS NATIONAL LABORATORY ENVIRONMENTAL RESTORATION (RRES-R) Records Processing Facility ER Records Index Form

Date Received: 10/5/2005 ***Processor:*** JR ***Page Count:*** 1

Privileged: (Y/N) N ***Record Category:*** P ***Administrative Record: (Y/N)*** Y

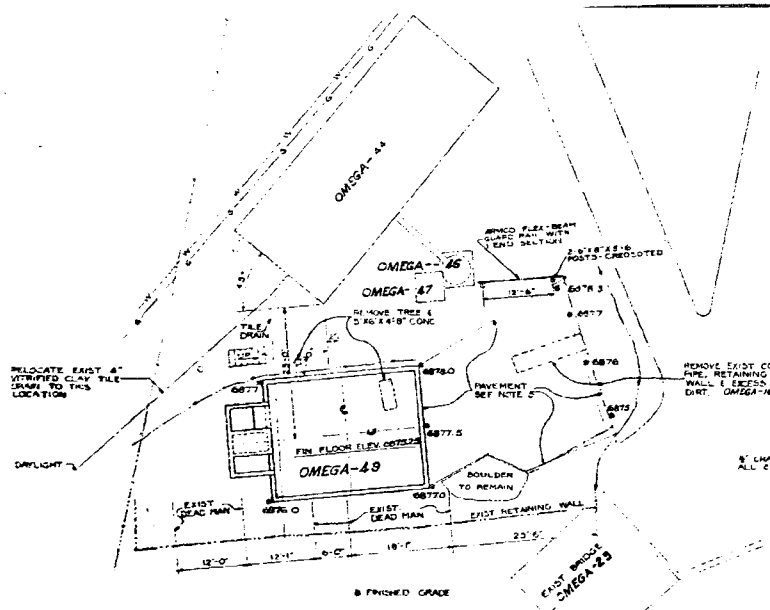
FileFolder: N/A

Miscellaneous Comments: SUBMITTED BY SHANON GOLDBERG

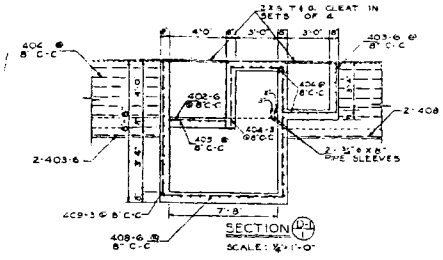
Record Documents:

Start Pg	*Doc Type*	*Doc Date*	*Title*	*Box*	*Package*
1	DRAWING	11/13/1957	OWR COOLING TOWER INSTALLATION CIVIL PLANS, SECTIONS AND DETAILS OMEGA 49 TA- 2 DRAWING NO. ENG-C-21327 ENG-C-21327 N/A N/A		

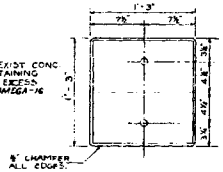
14076



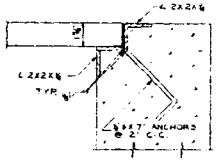
PLOT PLAN
SCALE 1"=10'-0"



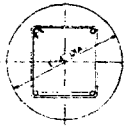
SECTION
SCALE: 1/4"=1'-0"



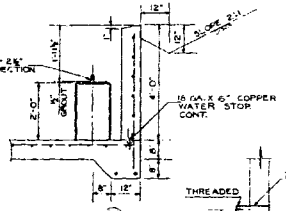
DETAIL
SCALE: 1/2"=1'-0"
TYP. OF 28 PLACES



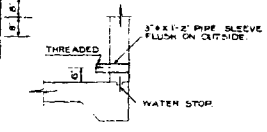
SECTION
SCALE: 3"=1'-0"
TYP. 3 SIDES SCREEN PIT & 4 SIDES OF VALVE PIT



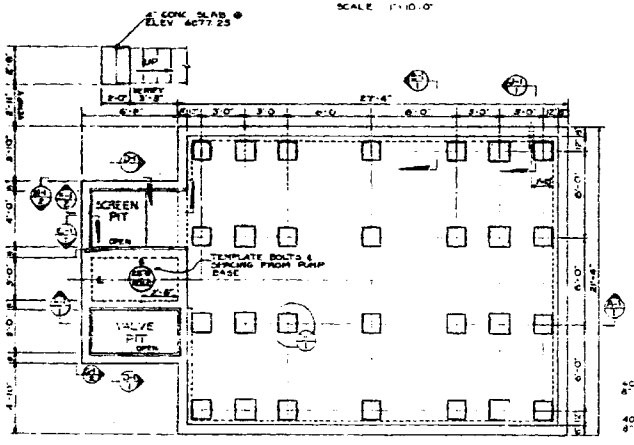
SECTION
SCALE: 1/2"=1'-0"
BELOW F.H.



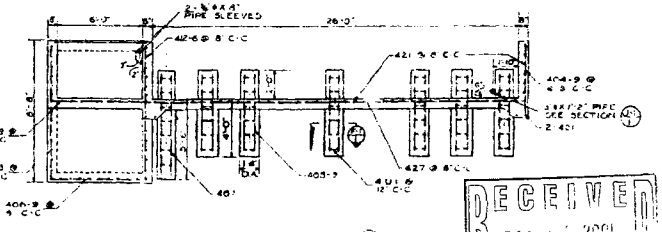
SECTION
SCALE: 1/2"=1'-0"



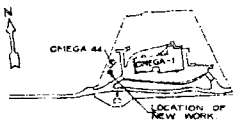
SECTION
SCALE 1/2"=1'-0"



PLAN OMEGA-49
SCALE 1/4"=1'-0"



SECTION
SCALE: 1/4"=1'-0"
OMEGA-49



LOCATION PLAN
OMEGA SITE TA-2

NOTES

1. CONCRETE TO BE CLASS "A" (USE WATER PROOF CEMENT) TO DEVELOP 3000 PSI AT 28 DAYS.
2. INSIDE OF WALLS AND FLOOR OF BASIN AND PITS TO BE STEEL TROWELED. DO NOT STEEL TROWEL PIERS.
3. DO NOT PAINT CONCRETE.
4. TOP OF PIERS TO BE GROUTED AND FINISHED TO A TOLERANCE ±1/8" TO DIMENSION SHOWN.
5. PAVEMENT TO BE PLACED AS FOLLOWS:
   SUB-BASE - COMPACTED TO 95% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT.
   BASE - 4" OF STABILIZED AGGREGATE, COMPACTED TO 95% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT.
   PRIME COAT - TYPE MC-1 BITUMINOUS MATERIAL APPLIED AT 0.25 - 0.33 GAL/SQ. YD.
   HOT MIX - ASPHALTIC CONC. ACCORDING TO A.E.C. STD CONSTRUCTION SPEC. FOR TECH. AREAS, COMPACTED TO 2" THICKNESS.
   SEAL COAT - TYPE RC-4 BITUMINOUS MATERIAL APPLIED AT 0.30 GAL/SQ.YD. AND COVERED WITH 15-20 LBS. OF STONE CHIPS PER SQ. YD.
6. PAINT ALL STEEL WITH 2 COATS OF STEEL GREY "TOT RUST"

ASH ASST. ENGINEER APPROVED
BY 12164
TAB PUBLIC PROJECT 7466

NO.	DATE	REVISIONS	BY	CHKD	APP. ENG.	APP. ENG. C

AUTHORIZED FOR: HEALTH PHYS. / SAFETY / FIRE PROTECT. / ELEC. / ARCH. / STRUCT. / MECH. / C.O.L.A.P.E. / F.C.O. / ENGR.

LOS ALAMOS SCIENTIFIC LABORATORY
ENGINEERING DEPARTMENT
UNIVERSITY OF CALIFORNIA — LOS ALAMOS, NEW MEXICO

CWR. COOLING TOWER INSTALLATION
CIVIL-PLANS, SECTIONS & DETAILS
OMEGA-49 TA-2

CHECKED BY C.	RECOMMENDED	APPROVED	
PROJ. ENG.	DATE	CIVIL SERV. OFFICE	
DESIGNED		DRAWING No.	
DRAWN CWR	13 NOV 1969	SHEET 1 of 7	ENG-C 21327
SCALE NOTED			

RECEIVED