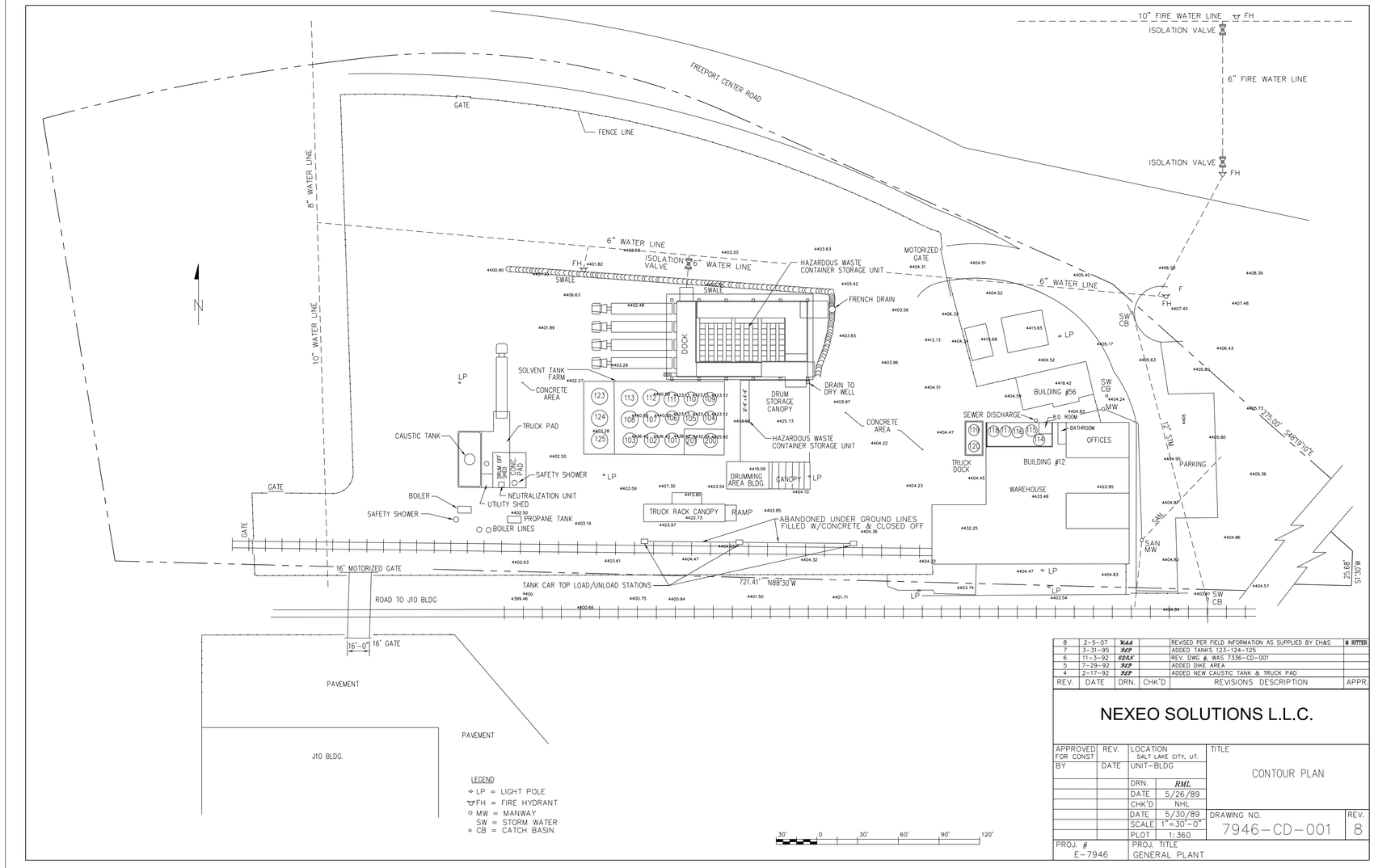
ATTACHMENT 11

AS-BUILT DRAWINGS AND CONSTRUCTION STANDARDS

APPENDIX A

AS-BUILT DRAWINGS



REV.	DATE	DRN.	CHK'D	REVISIONS DESCRIPTION	APPR.
8	2-5-07	WAA		REVISED PER FIELD INFORMATION AS SUPPLIED BY EH&S	M RITTER
7	3-31-95	JEP		ADDED TANKS 123-124-125	
6	11-3-92	EJSA'		REV. DWG #, WAS 7336-CD-001	
5	7-29-92	JEP		ADDED DIKE AREA	
4	2-17-92	JEP		ADDED NEW CAUSTIC TANK & TRUCK PAD	

NEXEO SOLUTIONS L.L.C.

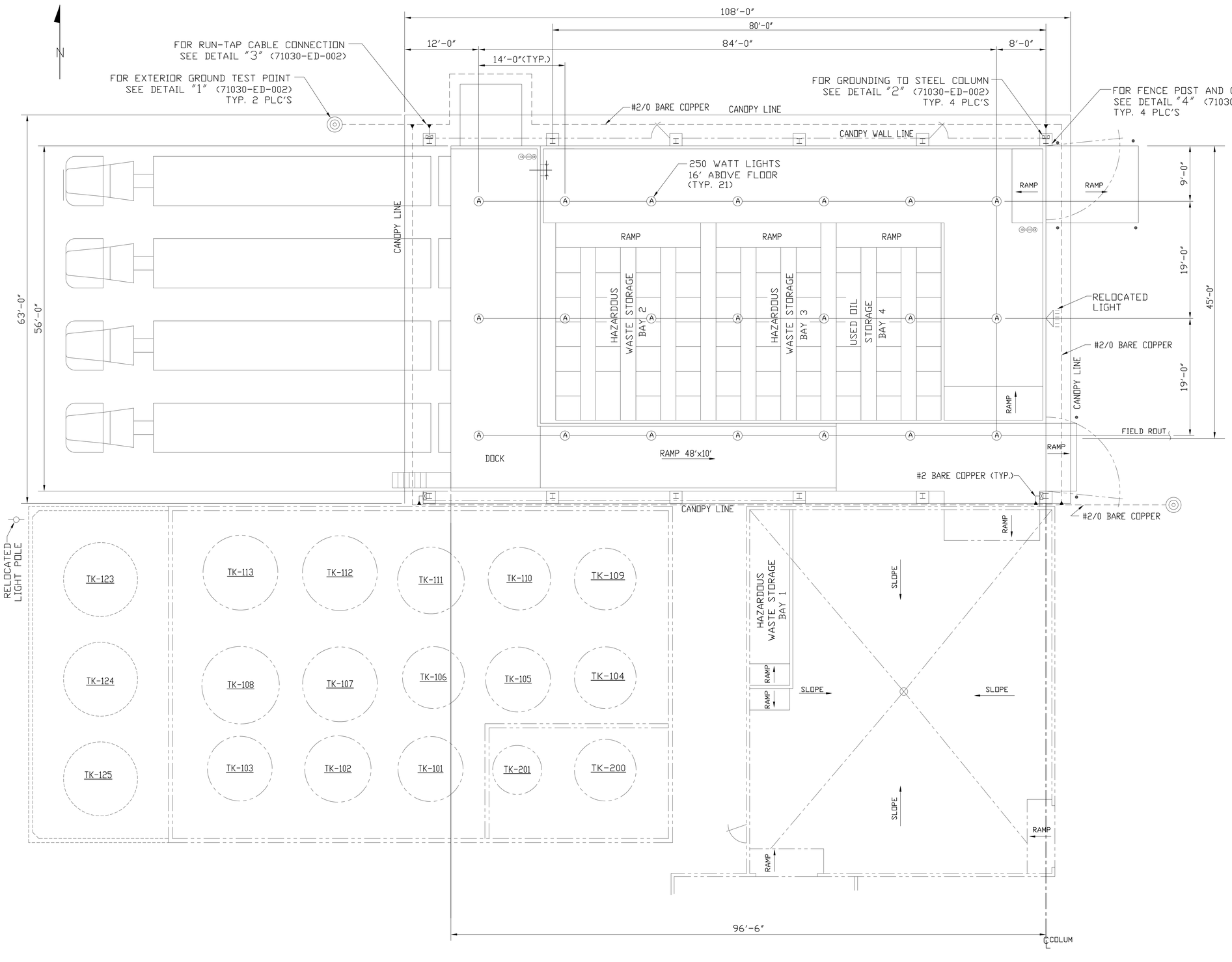
APPROVED FOR CONST BY	REV. DATE	LOCATION SALT LAKE CITY, UT.	
		UNIT-BLDG	
		DRN.	RML
		DATE	5/26/89
		CHK'D	NHL
		DATE	5/30/89
		SCALE	1"=30'-0"
		PLOT	1:360

TITLE: CONTOUR PLAN

DRAWING NO. 7946-CD-001 REV. 8

PROJ. # E-7946

PROJ. TITLE GENERAL PLANT



GENERAL GROUNDING NOTES

1. INSTALLED GROUNDING IN CONFORMANCE WITH THE LATEST NATIONAL ELECTRICAL CODE AND ANY LOCAL CODE WHICH HAS JURISDICTION.
2. EACH BUILDING SERVICE IS GROUNDED AS SHOWN ON THE DRAWINGS.
3. GENERALLY, ELECTRICAL UTILIZATION EQUIPMENT GROUNDING AND BONDING IS VIA THE CONDUIT SYSTEM. ADDITIONAL GROUNDING AND BONDING IS PROVIDED AS SHOWN ON THE DRAWINGS.
4. INSTALLED AN EQUIPMENT GROUNDING CONDUCTOR IN ALL NONMETALLIC CONDUITS.
5. ALL VESSELS, STRUCTURES, SUPPORTS, SWITCHRACKS, MOTOR CONTROL CENTERS, ETC. ARE GROUNDED BY CONNECTION TO THE EXISTING SYSTEM, AS SPECIFIED OR AS SHOWN ON THE DRAWINGS.
6. RAILROAD SIDINGS; TRUCK, RAILCAR AND DRUM FILLING AREAS; TANK FARMS; AND FENCES ARE GROUNDED AS SPECIFIED AND AS SHOWN ON THE DRAWINGS.
7. ALL GROUNDING CONDUCTORS ARE BARE STRANDED COPPER UNLESS OTHERWISE NOTED. USE INSULATED CONDUCTORS IN AND UNDERGROUND AT CORROSIVE AREAS AND IN AREAS WHERE CATHODIC PROTECTION SYSTEMS ARE INSTALLED.
8. GROUNDING CABLE IS BURIED AT LEAST 30 INCHES BELOW GRADE. ALL RUNS ARE LAID SLACK TO PREVENT BREAKAGE.
9. ALL GROUND CONNECTIONS ARE UNDERGROUND AND ARE SHOWN ON THE DRAWINGS. ALL CONNECTIONS WERE MADE BY THE EXOTHERMIC WELD PROCESS AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
10. THE RESISTANCE TO GROUND OF EACH GROUND ROD ARE 25 OHMS OR LESS IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE REQUIREMENTS.

WASTE BAY CAPACITIES

BAY 1 = 32 DRUMS (1,760 GALLONS)

BAY 2 = 224 DRUMS (12,320 GALLONS)

BAY 3 = 168 DRUMS (9,240 GALLONS)

BAY 4 = 168 DRUMS (9,240 GALLONS)

TOTAL = 592 DRUMS (32,560 GALLONS)

REV.	DATE	DRN.	CHK'D	REVISIONS DESCRIPTION	APPR.
4	04/17/18	RA		USED OIL STORAGE - GENERAL UPDATE	
3	2-5-07	WAA		REVISED PER FIELD INFO AS SUPPLIED BY EH&S	M RITTER
2	2-17-99	FLP		REMOVED DOOR	
1	11-25-97	FLP		ADDED FIRE SUPPRESSION BLDG.	
0	12-14-94	FLP		ISSUED FOR PERMIT	

nexeo solutions

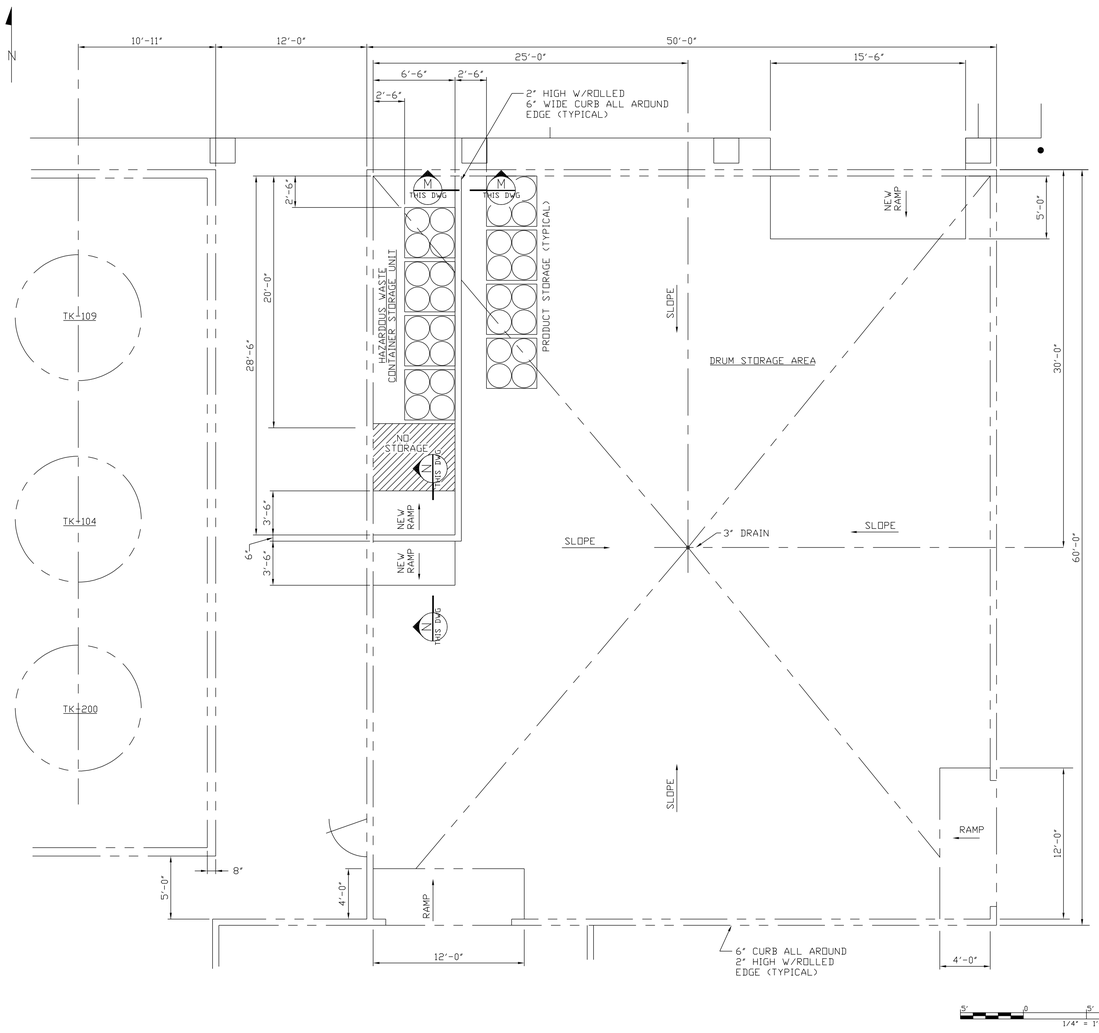
APPROVED FOR CONST	REV.	LOCATION CLEARFIELD-UT	
BY	DATE	UNIT-BLDG	
		DRN.	FLP
		DATE	11-22-94
		CHK'D	
		DATE	
		SCALE	1/8"=1'
		PLOT	1:96

TITLE: TRUCK DOCK HAZARDOUS WASTE AREA GROUNDING AND LIGHTING PLAN

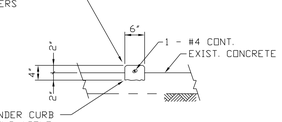
DRAWING NO. 71030-ED-001 REV. 4

PROJ. # E-7946

PROJ. TITLE: GENERAL PLANT

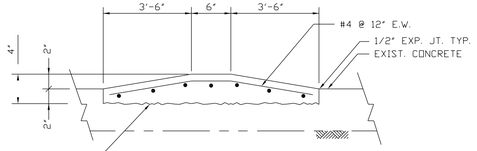


2" HIGH W/ROLLED
6" WIDE CURB ALL AROUND
FIBER REINFORCED CONCRETE
FIBER: TWISTED BUNDLE
COLLATED FIBRICLATED
POLYPROPYLENE FIBER, 2 1/4"
LONG AT 1 BAG/ C.Y.
FORTA ULTR-NET
1-800-245-0306
BOB ZELLERS



ROUGHEN EXISTING SLAB UNDER CURB
CURB COAT WITH BONDING AGENT,
SONOPREP BY SONNEBORN OR =.

SECTION "M-M" (THIS DWG)
SCALE: NONE



ROUGHEN EXISTING SLAB UNDER CURB
CURB COAT WITH BONDING AGENT,
SONOPREP OR =.

SECTION "N-N" (THIS DWG)
SCALE: NONE

REV.	DATE	DRN.	CHK'D	REVISIONS DESCRIPTION	APPR.
3	2-5-07	WAA		REVISED PER FIELD INFORMATION AS SUPPLIED BY EH&S	M RITTER
2	6-26-02	RAPW		DRAWING NUMBER WAS 71030-CD-003	
1	2-17-98	RCP		REMOVED DOOR	
0	12-14-94	RCP		ISSUED FOR PERMIT	

NEXEO SOLUTIONS L.L.C.

APPROVED FOR CONST	REV.	LOCATION	
BY	DATE	SALT LAKE CITY, UT.	
		UNIT-BLDG	
		DRN.	FLP
		DATE	11-17-94
		CHK'D	
		DATE	
		SCALE	1/4"=1'
		PLOT	1:48
PROJ. #		PROJ. TITLE	
E-7946		GENERAL PLANT	

TITLE
HAZARDOUS
WASTE STORAGE AREA
CONC. PLAN VIEW

DRAWING NO. 71030-CD-003-1
REV. 3

APPENDIX B

SEALANT SPECIFICATIONS

April 28, 1994

SIKA CORPORATION
products/systems/services...worldwide

Mr. Larry Valentine
ASHLAND CHEMICAL
P.O. Box 2219
Columbus, Ohio 43216

RE: Sika Pronto 19, SikaPronto 19 TF
Chemical Resistance

Dear Mr. Valentine:

Please be advised that SikaPronto 19, and SikaPronto 19 TF, when mixed, placed, and cured in accordance with the Sika Technical Data Sheet, are appropriate materials for structurally repairing cracked concrete. SikaPronto 19 and SikaPronto 19TF are solvent-free, high molecular weight methacrylates, that penetrate cracks by gravity and seal concrete substrate surfaces.

In addition, based on strict testing performed by Sika Corporation, 201 Politio Avenue, Lyndhurst NJ 07071, SikaPronto 19 and SikaPronto 19TF demonstrated excellent resistance against the following list of chemicals, after one (1) month of primary contact (material and curing conditions 73°F and 50% R.H.):

CHEMICALS (75°F test temperature)
Sodium Chloride Solution
Sodium Hydroxide 30%
Cement Water (Saturated)
Detergent Solution (5% Ajax)
Hydrochloric Acid 10%
Sulfuric Acid 10%
Oxalic Acid 10%
Citric Acid 10%
Fuel Oil (Home Heating)
Gasoline (Unleaded)
Iso-Octane
Toluol
Silage
Synthetic Silage
Ethyl Alcohol*
Zylene 10%
MEK 10%
*** Material destroyed after one (1) month of primary contact.**

Based on these results, it is Sika Corporation's opinion that, SikaPronto 19 and SikaPronto 19TF may provide resistance to the submitted list of materials for intermittent and secondary containment conditions.

2190 Gladstone Court • Suite A • Glendale Heights, IL 60139 • Phone 708-924-7900 • FAX 708-924-8508

If I can provide additional information, please contact the Technical Service Department at (800) 933-SIKA or (708) 924-7900.

Sincerely,
SIKA CORPORATION, INC.

Etien O. Frett
Technical Service Representative

cc: Eric Ernst
Todd C. Spindler
Tom Zuppa

ETIEN2/ASHCHM19

SikaPronto® 19

... Improved, modified-methacrylate
... ...er/penetrating sealer

... Data

Description:	SikaPronto 19 is a 2-component, rapid-curing, solvent-free, modified-methacrylate, crack healer/penetrating sealer.
Where to Use:	Use on grade, above, and below grade on concrete and mortar. SikaPronto 19 structurally repairs cracked concrete; seals surface of concrete from water and chlorides. For horizontal decks, slabs, patios, driveways, parking garages, and other substrates exposed to foot and pneumatic-tire traffic.
Advantages:	• Structurally improves concrete surface. • Easy on-site batching - use only complete units. • Does not produce a vapor barrier. • Low viscosity for easy, topical applications and excellent penetration into cracks. • Not flammable. • Low odor. • High bond strength. • Prolongs life of cracked concrete. • Flash point, 'A' Component, is a high, safe-to-work-with 220F. • As a penetrating sealer, SikaPronto 19 reduces water absorption and chloride-ion intrusion.
Coverage:	150-200 sq ft/gal for crack healing and surface sealing. Coverage varies with porosity and surface profile of substrate. Higher porosity will reduce coverage. 300-400 sq ft/gal when used as a prime coat for SikaPronto 11 concrete and SikaPronto Broadcast.
Packaging:	1-gal units, 4/ctn; 4.5-gal units.

Typical Data for SikaPronto 19:
(Material and curing conditions @ 73F and 50% R.H.)

Shelf Life:	1 year in original, unopened containers.
Storage Conditions:	Store dry at 40-80F. Condition material to 65-75F before using. Storage at higher temperatures will reduce shelf life.
Color:	Light purple when liquid; light amber after cure.
Mixing Ratio:	Plant-proportioned kit; mix entire unit.
Methacrylate Monomer Viscosity:	25 cps maximum
Pot Life:	Approximately 20 minutes.

Compressive Properties (ASTM D-695):
Compressive Strength, psi

	40F*	73F*	90F*
1 hour	-	1,000	1,900
2 hour	-	2,700	2,300
1 day	1,800	3,500	2,900
7 day	3,500	4,300	3,100

Flexural Properties (ASTM D-790):
1 day - Flexural Strength - (Modulus of Rupture) 2,500 psi

Bond Strength (ASTM C-882):
(Hardened concrete to hardened concrete)

2 day (dry cure)-	Bond Strength -	2,100 psi
14 day (moist cure) -	Bond Strength -	2,300 psi

*Material cured and tested at the temperatures indicated.