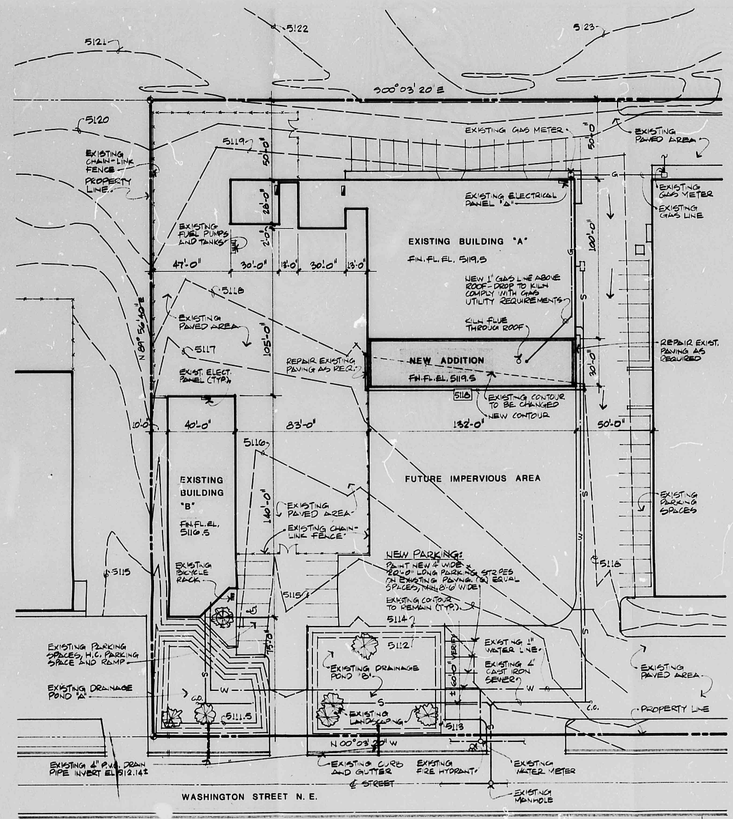
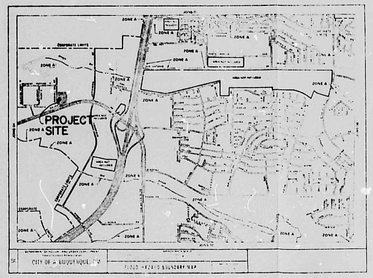
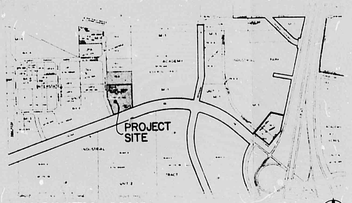
Hydrology File No. E-17/D015



SITE PLAN

SCALE 1" 30'-0"





VICINITY MAP

ADDITION TO SWECO WAREHOUSE

4001 OSUNA ROAD N. E.
ALBUQUERQUE N.M.

DESIGN DATA

REFERENCES:	COMPREHENSIVE CITY ZONING ORDINANCE AND ATLAS CITY OF ALBUQUERQUE, 1977 UNIFORM BUILDING CODE, 1976 EDITION LIFE SAFETY CODE, N.F.P.A. #101, 1973 EDITION
ADDRESS:	4001 OSUNA ROAD NE, ALBUQUERQUE, NEW MEXICO
LEGAL DESCRIPTION:	TRACT A6 OF THE INTERSTATE INDUSTRIAL TRACT (SEE VICINITY MAP)
SITE AREA:	90.033 ACRES, MORE OR LESS
ZONING:	M-1
FIRE ZONE:	3
OCCUPANCY GROUP:	EXISTING BUILDING "A": B-2 ALL AREAS EXCEPT VEHICLE MAINTENANCE; B-1 VEHICLE MAINTENANCE AREA; NEW ADDITION: F-2
TYPE OF CONSTRUCTION:	EXISTING BUILDING "A": II-N NEW ADDITION: II-N
FLOOR AREA (PERMITTED):	TYPE II-N BASE: B-1 OR B-2: 9000 33-1/3% INCREASE FOR FIRE ZONE 3: 12000 75% INCREASE FOR SEPARATION 3 SIDES: 21000 (60-20 = 30 ft. x 2% = 100%)
FLOOR AREA (ACTUAL):	EXISTING VEHICLE MAINTENANCE: 840 AN EXTERIOR SEPARATION YARD EXISTS BETWEEN B-1 AND B-2. EXISTING CERAMIC STORAGE AND STOREROOM: 1134 A 2-HOUR AREA SEPARATION WALL EXISTS BETWEEN CERAMIC STORAGE AND WAREHOUSE: DEMO A 2-HOUR AREA SEPARATION WALL (TYPE WP-3010) EXISTS BETWEEN WAREHOUSE AND SLIP FORMING: 4400 NEW ADDITION: 3960 8360 A 2-HOUR AREA SEPARATION WALL SHALL BE CREATED BETWEEN WAREHOUSE AND NEW ADDITION TOTAL BUILDING AREA: 19134 SF
OCCUPANT LOAD:	WAREHOUSE, CERAMIC STORAGE, STOREROOM (1/300 SF, 9934 SF) 4 + 30 = 34 2 EXITS REQUIRED AT WAREHOUSE. 3 PROVIDED (INCLUDES 1 HORIZONTAL EXIT) VEHICLE MAINTENANCE, SLIP FORMING, NEW ADDITION (1/100 SF, 9200 SF) 8 + 44 + 40 = 92 1 EXIT REQUIRED FROM EA. SPACE (3 PROVIDED AT SLIP FORMING AND NEW ADDITION)
DESIGN LOADS:	SEE STRUCTURAL.
PARKING:	REQUIRED: MANUFACTURING (1/1000 SF, 3960 SF) 4 NEW PARKING SPACES REQUIRED PROVIDED: 6 NEW PARKING SPACES (EXISTING PARKING SATISFIES REQUIREMENTS OF A PREVIOUSLY APPROVED SITE PLAN.)
LANDSCAPING:	NO CHANGE IN PAVING OR LANDSCAPING OCCURS WITH THE NEW ADDITION.
DRAINAGE:	THE AREA OCCUPIED BY THE NEW ADDITION WAS INCLUDED AS A "FUTURE IMPERVIOUS AREA" ON A PREVIOUSLY APPROVED DRAINAGE PLAN. NO CHANGE IN IMPERVIOUS AREA OCCURS, AND NO SIGNIFICANT CHANGE IN DRAINAGE PATTERNS OCCURS.

SHEET INDEX

1	SITE PLAN DESIGN DATA
2	FLOOR PLAN ELEVATIONS
3	FOUNDATION PLAN FRAMING PLAN ELECTRICAL PLAN WALL SECTIONS DETAILS
4	SPECIFICATIONS

Architect

Engineer

ADDITION TO SWECO WAREHOUSE
4001 OSUNA ROAD N E ALBUQUERQUE N M

PROJECT 80-7

THE BURNS/PETERS GROUP
Architects & Planners
8000 Pennsylvania Circle NE
Albuquerque, New Mexico
87110 505 265 3645

REV DRAINAGE 10/7/80
Date 15 FEB 80

SITE PLAN DESIGN DATA

1
Sheet No.

E-17/0015

REF. 21 DATE 2-24-83 BY ESP
CITY OF ALBUQUERQUE
This microimage is certified to be a complete and accurate copy of the original as it appears in the files of the PUBLIC WORKS DEPARTMENT - HYDROLOGY DIVISION and was filmed in the normal course of business. The photographic processes used meet the Basic Microfilm Standards of the National Micrographics Association (MS115-1977).
Karen Aaron
CITY CLERK RECORDER
OFFICIAL SEAL NORBERTA SANCHEZ NOTARY PUBLIC STATE OF NEW MEXICO
My Commission Expires: May 8, 1986
Norberta Sanchez

THIS PLAN SHOT TWICE ONCE ON LIGHT AND ONCE ON DARK.

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT.

PLANS/PLATS ON FILE

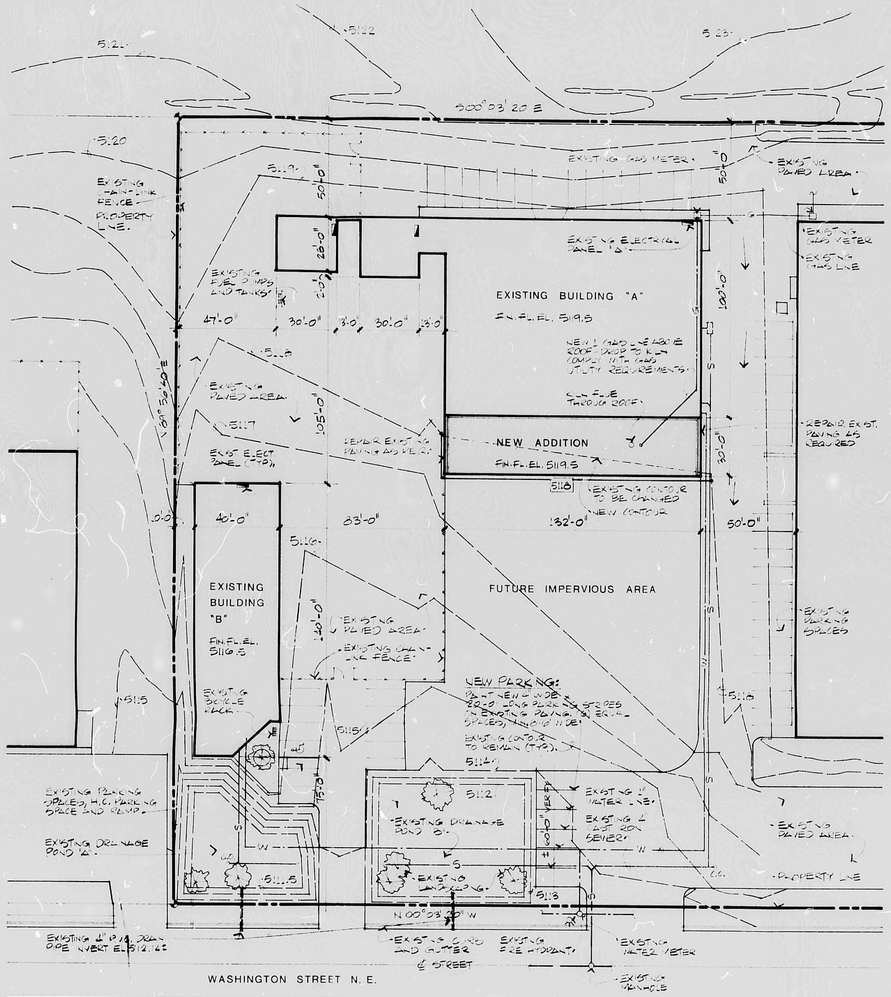
FILE DESC: E-17/0015

PLANS/PLATS 2

CITY OF ALBUQUERQUE

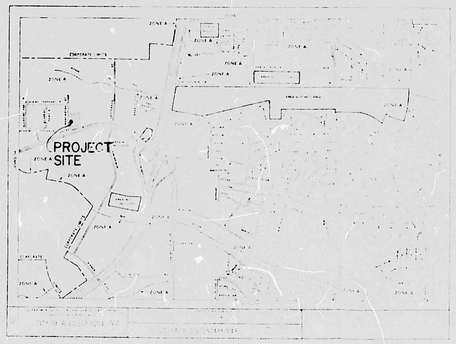
ADDITION TO SWECO WAREHOUSE

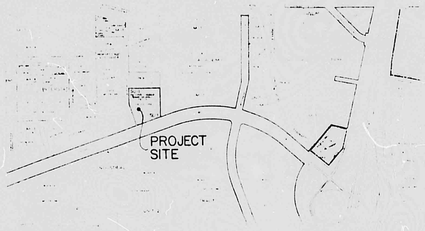
4001 OSUNA ROAD N. E.
ALBUQUERQUE N. M.



SITE PLAN

SCALE 1" 30'-0"





VICINITY MAP

DESIGN DATA

REFERENCES: COMPREHENSIVE CITY ZONING ORDINANCE AND ATLAS
1973 UNIFORM BUILDING CODE, 1976 EDITION
LIFE SAFETY CODE, N.F.P.A. 101, 1973 EDITION

ADDRESS: 4001 OSUNA ROAD N.E. ALBUQUERQUE, NEW MEXICO

LEGAL DESCRIPTION: TRACT A5-A IN THE INTERSTATE INDUSTRIAL TRACT (SEE VICINITY MAP)

SITE AREA: 40.0083 ACRES, MORE OR LESS

ZONING: M-1

FIRE ZONE: 3

OCCUPANCY GROUPS: EXISTING BUILDING "A": B-2 ALL AREAS EXCEPT VEHICLE MAINTENANCE;
B-1 VEHICLE MAINTENANCE AREA; NEW ADDITION: B-2

TYPE OF CONSTRUCTION: EXISTING BUILDING "A": 111-N
NEW ADDITION: 111-N

FLOOR AREA (PERMITTED): TYPE 111-N BASE: 9-1 OF 9-2: 9600
33-1/3% INCREASE FOR FIRE ZONE 3: 3200
75% INCREASE FOR SEPARATION 3 SIDES: 9100
(50'-0" + 30 FT. (2) & 3 SIDE)

FLOOR AREA (ACTUAL): EXISTING VEHICLE MAINTENANCE: 930
N. EXTERIOR SEPARATION WALL
EXISTING STORAGE BELOW: 1000
EXISTING CERAMIC STORAGE AND STOREROOM: 1134
A 2-HOUR AREA SEPARATION WALL EXISTS BETWEEN CERAMIC STORAGE AND WAREHOUSE.
A 2-HOUR AREA SEPARATION WALL (TYPE AP-3010) EXISTS BETWEEN WAREHOUSE AND SLIP FORMING: 4800
NEW ADDITION: 9600
9600
A 2-HOUR AREA SEPARATION WALL SHALL BE CREATED BETWEEN WAREHOUSE AND NEW ADDITION.
TOTAL BUILDING AREA: 34164 SF

OCCUPANT LOAD: WAREHOUSE, CERAMIC STORAGE, STOREROOM (11,500 SF, 9934 SF) & + 30 = 39
2 EXITS REQUIRED AT WAREHOUSE, 1 PROVIDED (INCLUDES 1 HORIZONTAL EXIT).
VEHICLE MAINTENANCE, SLIP FORMING, NEW ADDITION (11,700 SF, 9200 SF) + 30 = 30
1 EXIT REQUIRED FROM EACH SPACE (1 PROVIDED AT SLIP FORMING AND NEW ADDITION)

DESIGN LOADS: SEE STRUCTURAL.

PARKING: REQUIRED: MANUFACTURING (11,700 SF, 3900 SF)
4 NEW PARKING SPACES REQUIRED

PROVIDED: 6 NEW PARKING SPACES (EXISTING PARKING SATISFIES REQUIREMENTS OF A PREVIOUSLY APPROVED SITE PLAN)

LANDSCAPING: NO CHANGE IN PAVING OF LANDSCAPING OCCURS WITH THE NEW ADDITION.

DRAINAGE: THE AREA OCCUPIED BY THE NEW ADDITION WAS INCLUDED AS A FUTURE IMPERVIOUS AREA ON A PREVIOUSLY APPROVED DRAINAGE PLAN. NO CHANGE IN IMPERVIOUS AREA OCCURS, AND NO SUBSTANTIAL CHANGE IN DRAINAGE PATTERN OCCURS.

SHEET INDEX

1 SITE PLAN
DESIGN DATA

2 FLOOR PLAN
ELEVATIONS

3 FOUNDATION PLAN
FRAMING PLAN
ELECTRICAL PLAN
WALL SECTIONS
DETAILS

4 SPECIFICATIONS

E 17/D015

Architect

Engineer

ADDITION TO SWECO WAREHOUSE
4001 OSUNA ROAD N.E. ALBUQUERQUE N.M.

PROJECT 00-7

THE BURNS/PETERS GROUP
Architects & Planners
8000 Pennsylvania Circle NE
Albuquerque, New Mexico
87110 505 265 8645

REV DRAINAGE 10/7/80
Date 18 FEB 80

SITE PLAN
DESIGN DATA

1
Sheet No.

THIS PLAN SHOT TWICE
ONCE ON LIGHT AND
ONCE ON DARK.

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT.

REF. 21 DATE 2-24-92 OP. 6

CITY OF ALBUQUERQUE

This microimage is certified to be a complete and accurate copy of the original as it appears in the files of the PUBLIC WORKS DEPARTMENT - HYDROLOGY DIVISION and was filmed in the normal course of business. The photographic processes used meet the Basic Microfilm Standards of the National Micrographics Association (MS115-1977).

CITY CLERK RECORDER

OFFICIAL SEAL
NORBERTA SANCHEZ
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: MAY 8 1995

D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE

C D

DRAINAGE PLAN

The following items concerning the SWECO Warehouse are contained hereon.

1. Vicinity Map
2. Flood Plain Map
3. Site and Grading Plan
4. Calculations

The proposed warehouse is located at the northeast corner of the intersection of Washington Street and Osuna Road N.E. The new facilities are comprised of four buildings and asphalt parking and storage areas. A future warehouse site has been incorporated into the proposed drainage plan. The natural slope of the land is from east to west at approximately 2 percent. The proposed warehouse lies north of the existing SWECO facilities. The land to the east is undeveloped, and the land to the north is graded to drain away from the project site.

The grading plan shows: (1) existing contours at 1'0" intervals, (2) proposed contours, (3) swales, (4) continuity between existing and proposed contours, (5) that the elevation at the property line will match the existing sidewalk, (6) that all runoff will be conveyed into ponding areas before leaving the site and (7) that retaining walls are not required.

The ponds will retain in excess of 50 percent of the runoff from the additional impervious areas that results from a 100 year frequency storm. The ponds are less than 18 inches in depth and therefore do not require fencing.

The project (1) does not lie in a flood plain, (2) does not lie adjacent to a natural or artificial water course and (3) has no drainage easements on the property.

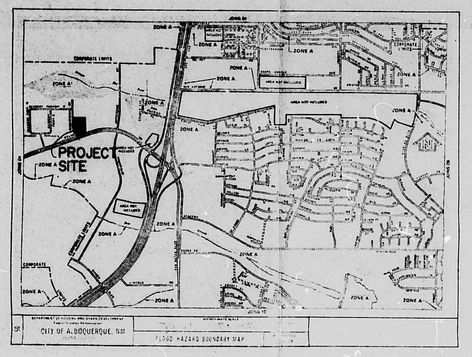
The project site does not receive any significant flows from upland properties. An existing swale on the property to the east diverts all flows from that land southward. Erosion will not result from upland runoff or from the proposed construction activities. This development will not block any drainage from adjacent properties.

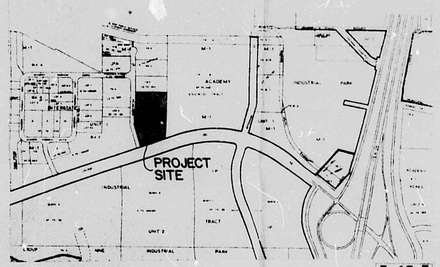
CALCULATIONS

Area of Parcel = 400 x 320 = 128,000 s.f.
Impervious Area = 115,850 s.f.
Required Pond Volume = 0.1 x 115,850 = 11,585 c.f.

Pond Volume

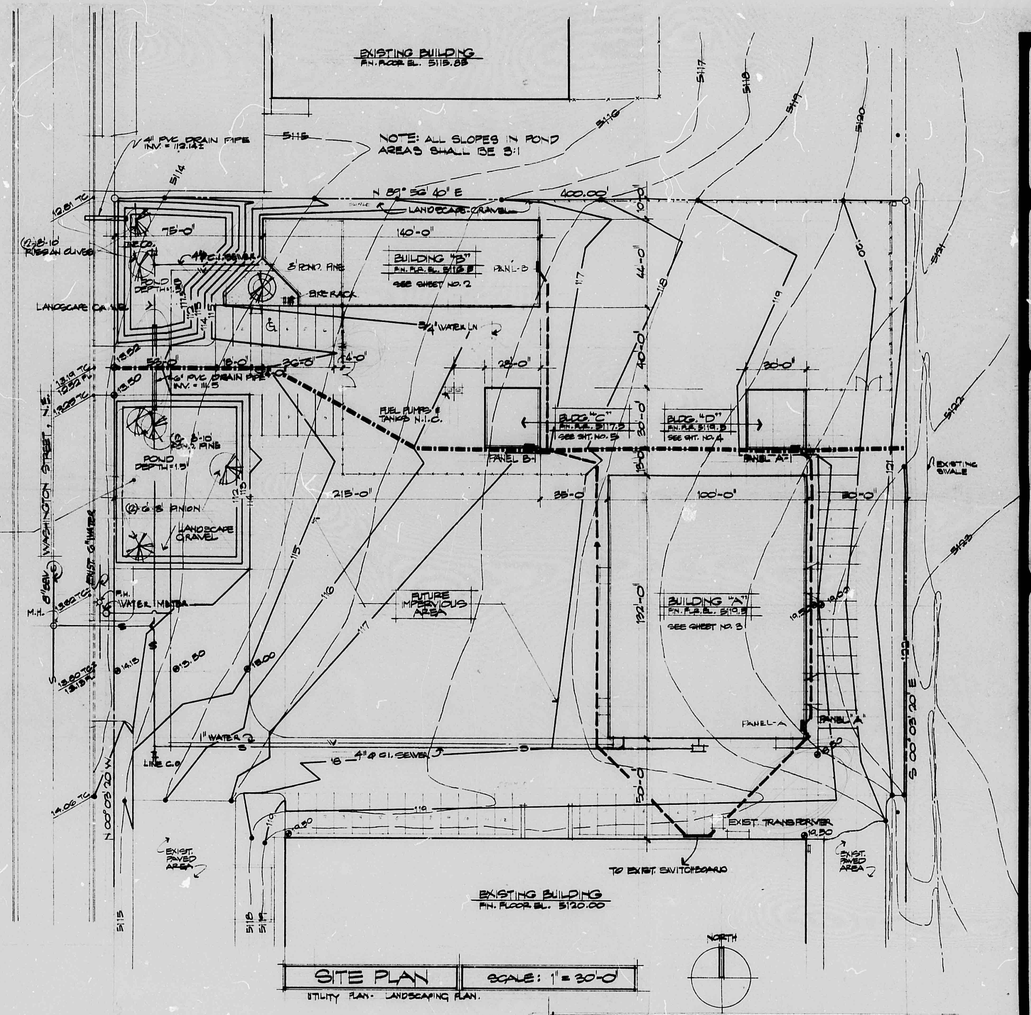
Pond A	69 x 83	5,366 (½)	
	65 x 77	4,597 (1)	
	59 x 71	7,280 c.f.	Area = 84,000 s.f.
Pond B	3.8	3,105 (1) = 3,105	
	3.1	2,610 (½) = 1,305	
	2.7	4,410 c.f.	Area = 44,000 s.f.
Total Pond Volume		11,690 c.f.	





VICINITY MAP

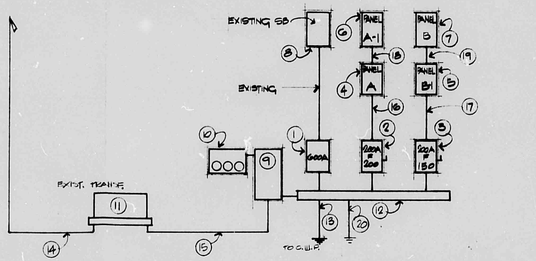
E-17-Z



SITE PLAN | SCALE: 1" = 30'-0"

UTILITY PLAN · LANDSCAPING PLAN.

NOTE: DO NOT LINE PONDS W/ PLASTIC FILM. CONTOURS SHOWN IN PONDS ARE FINISHED GRADE.

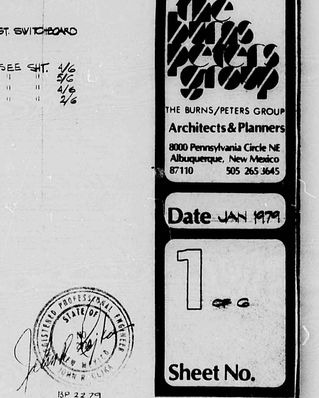


COMPLEX POWER RISER DIAGRAM

NTS

LEGEND

1. 600 A 3 ϕ 4W SN. RANTICAT SWITCH TO FEED EXIST SWITCHBOARD
2. 200 A 3 ϕ 4W SN RANTICAT SWITCH FUSE AT 200A
3. 200 A 3 ϕ 4W SN RANTICAT SWITCH FUSE AT 150A
4. 120/208 3 ϕ 4W SN 200A MLO SURFACE MTD. PANEL, SEE SHT. 4/6
5. 120/208 3 ϕ 4W SN 200A MLO " " " " " 5/6
6. 120/208 3 ϕ 4W SN 200A MLO " " " " " 4/6
7. 120/208 3 ϕ 4W SN 200A MLO " " " " " 3/6
8. EXISTING SWITCHBOARD
9. EXISTING CIRCUIT CAN
10. EXISTING METER CAN
11. EXISTING TRANSFORMER
12. 12"x12"x6'-0" AT CUTTER
13. EXISTING GROUND, 1-4/0 AL
14. EXISTING FEED
15. 3 RUNS OF 3 1/2" CW/4-#500 MCM-THW AL
16. 2 1/2" CW/4-#4/0-AL-THW
17. 2 1/2" C. W/4-#4/0-AL-THW
18. 2 1/2" C. W/4-#4/0-AL-THW
19. 2 1/2" C W/4-#4/0-AL-THW
20. #6 CU TO 3/4"x10' GND. ROD.



THIS PLAN SHOT TWICE ONCE ON LIGHT AND ONCE ON DARK.

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT.

REF 21 DATE 6-24-83 OP LOP

CITY OF ALBUQUERQUE

This microimage is certified to be a complete and accurate copy of the original as it appears in the files of the PUBLIC WORKS DEPARTMENT - HYDROLOGY DIVISION and was filmed in the normal course of business. The photographic processes used meet the Basic Microfilm Standards of the National Micrographics Association (MS115-1977).

CITY CLERK RECORDER

OFFICIAL SEAL
NORBERTA SANCHEZ
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires May 8, 1986

D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE

C D

DRAINAGE PLAN

The following items concerning the SWECO Warehouse are contained hereon.

1. Vicinity Map
2. Flood Plain Map
3. Site and Grading Plan
4. Calculations

The proposed warehouse is located at the northeast corner of the intersection of Washington Street and Osuna Road N.E. The new facilities are comprised of four buildings and asphalt parking and storage areas. A future warehouse site has been incorporated into the proposed drainage plan. The natural slope of the land is from east to west at approximately 2 percent. The proposed warehouse lies north of the existing SWECO facilities. The land to the east is undeveloped, and the land to the north is graded to drain away from the project site.

The grading plan shows: (1) existing contours at 1'on intervals, (2) proposed contours, (3) swales, (4) continuity between existing and proposed contours, (5) that the elevation at the property line will match the existing sidewalk, (6) that all runoff will be conveyed into ponding areas before leaving the site and (7) that retaining walls are not required.

The ponds will retain in excess of 50 percent of the runoff from the additional impervious areas that results from a 100 year frequency storm. The ponds are less than 18 inches in depth and therefore do not require fencing.

The project (1) does not lie in a flood plain, (2) does not lie adjacent to a natural or artificial water course and (3) has no drainage easements on the property.

The project site does not receive any significant flows from upland properties. An existing swale on the property to the east diverts all flows from that land southward. Swales will not result from upland runoff or from the proposed construction activities. This development will not block any drainage from adjacent properties.

CALCULATIONS

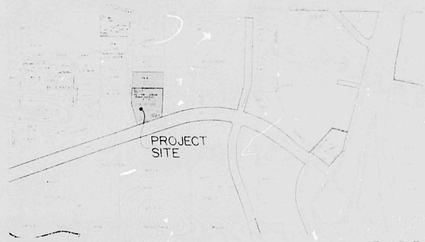
Area of Parcel = 400 x 320 = 128,000 s.f.
Impervious Area = 115,680 s.f.
Required Pond Volume = 0.1 X 115,680 = 11,568 c.f.

Pond Volume

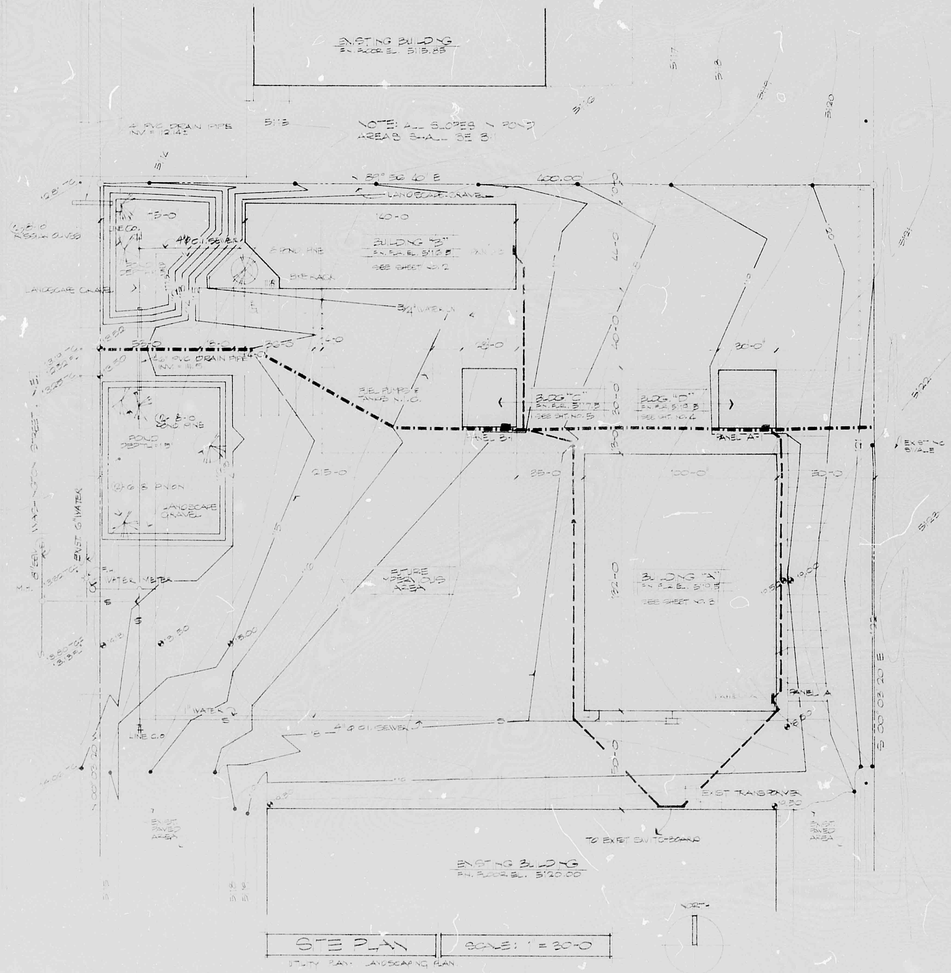
Pond A	69 x 83	5,366 (5)	
	65 x 77	4,593 (1)	
	59 x 71	4,720 c.f.	Area=84,000 s.f
Pond B	3.8	3,105 (1) = 3,105	
	3.1	2,519 (5) = 2,795	
	2.7	5,417 c.f.	Area=44,800 s.f
Total Pond Volume		11,930 c.f.	

NOTE: ALL SLOPES IN PLASTIC TO BE CONTOURED GRADED IN POND AND FINISHED GRADE.

VICINITY MAP

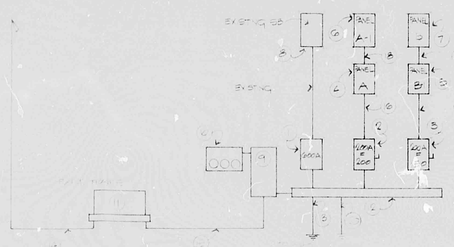


E-17-Z



SITE PLAN | SCALE: 1" = 30'-0"

UTILITY PLAN, LANDSCAPING PLAN



LEGEND

COMPLEX POWER RISER DIAGRAM

Architect

Engineer

SWECO COMPLEX

PROJECT 73-32

THE BURNS/PETERS GROUP
Architects & Planners
8000 Pennsylvania Circle NE
Albuquerque New Mexico
87110 505 265 6645

Date JAN '80

1 of 6

Sheet No.

THIS PLAN SHOT TWICE
ONCE ON LIGHT AND
ONCE ON DARK.

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT.

REL 21 DATE 12-4-83 OP. 12

CITY OF ALBUQUERQUE

This microimage is certified to be a complete and accurate copy of the original as it appears in the files of the PUBLIC WORKS DEPARTMENT - HYDROLOGY DIVISION and was filmed in the normal course of business.
The photographic processes used meet the Basic Microfilm Standards of the National Micrographics Association (MS115-1977).

Karen Aiuvi
CITY CLERK RECORDER

OFFICIAL SEAL
NORBERTA SANCHEZ
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires NOV 8 1985
Norberta Sanchez

D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE

C D