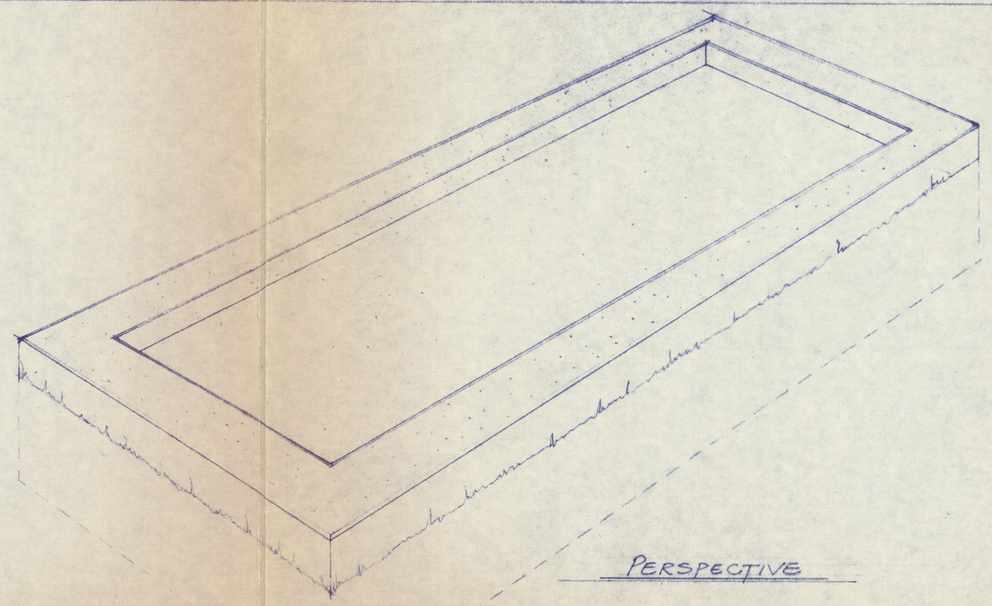
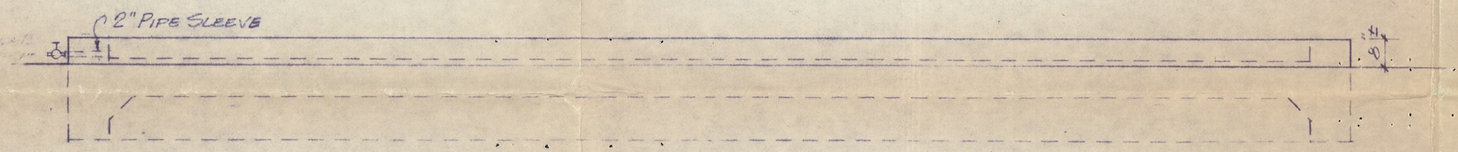
CONCRETE CHEMICAL WASTE PAD			
PALLET CAPACITY	DIM "A"	DIM. "B"	DIM. "C"
14 (112 DRUMS)	30'	10'	6"
10 (80 DRUMS)	20'	10'	6"
5 (40 DRUMS)	20'	5	6"
7 (56 DRUMS)	30'	5	6"

GENERAL NOTES:

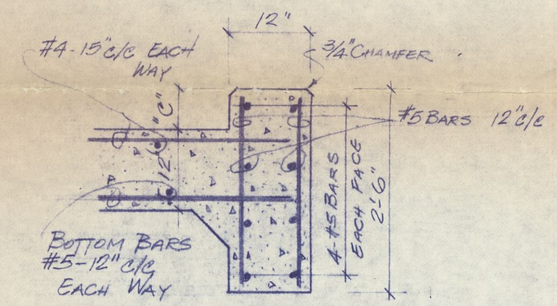
1. ALL CONCRETE WORK IN CONFORMANCE WITH ACI-318-77.
2. USE 3,000 PSI CONCRETE; 60,000 PSI STEEL REBARS.
3. MINIMUM 1½" CONCRETE COVER OVER REBAR



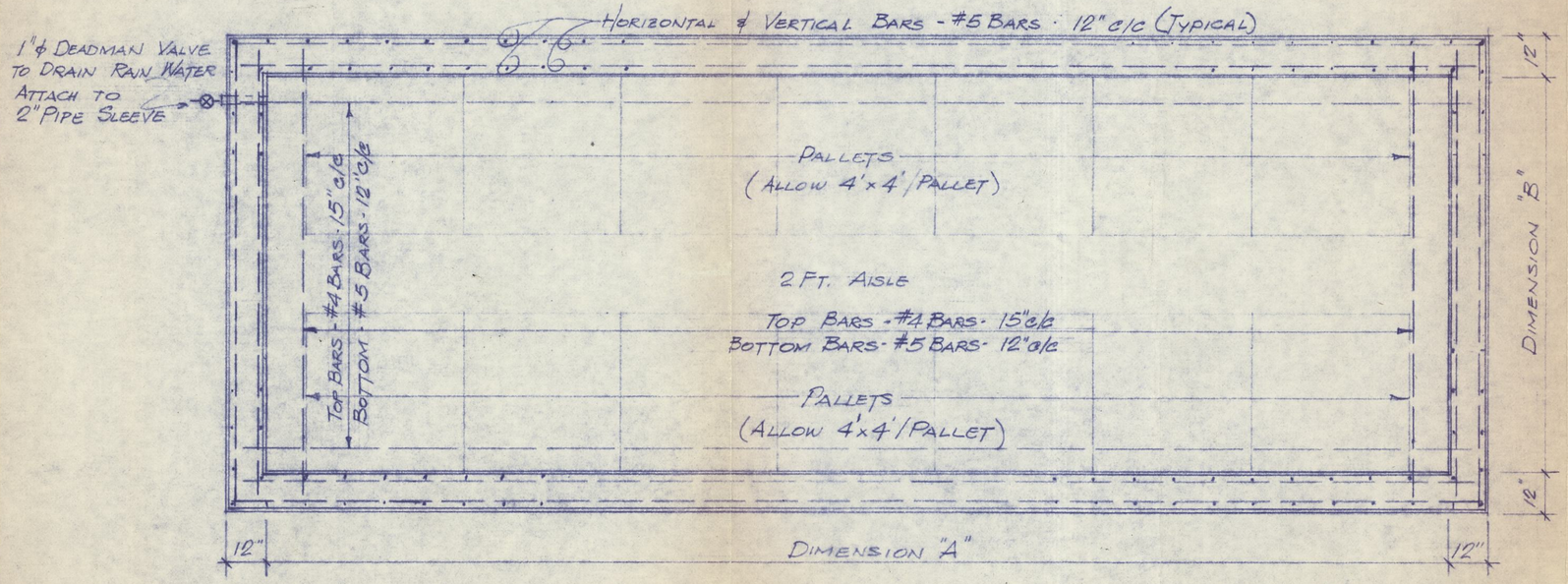
PERSPECTIVE



ELEVATION



TYPICAL SECTION
SCALE: 3/4" = 1'-0"



PLAN

4-55 GAL. DRUMS/PALLET
2 PALLETS HIGH

SPENWAY CORP.
CONSTRUCTION MNGMNT & DESIGN
450 CEDAR LANE
RIVERVALE, N.J. 07642

PROJECT

DRAWING

CONTAINMENT PAN FOR STORAGE OF DRUMS WITH CHEMICAL WASTE

FRANK E. PANNONE
PROFESSIONAL ENGINEER
92 Knickerbocker Road Cresskill, New Jersey 07626

ENGINEERING LICENSES

N.Y.- 39616	N.J.-12861
Penn-021098-E	Ohio- E-40549
Mass-	Conn.- 10296
Ky.-	Fla.-PE 0023869

Frank E. Pannone

DRAWN BY F.E.P.	DRAWING NO. CW-2
CHKD. BY	
DATE 18 JANUARY 82	
SCALE 3/8" = 1'-0" OR AS NOTED	
JOB NO.	

These plans are an instrument of service and are the property of the architect. Infringements will be prosecuted.

Contractor shall verify all field conditions and dimensions and be responsible for field fit and quantity of work.

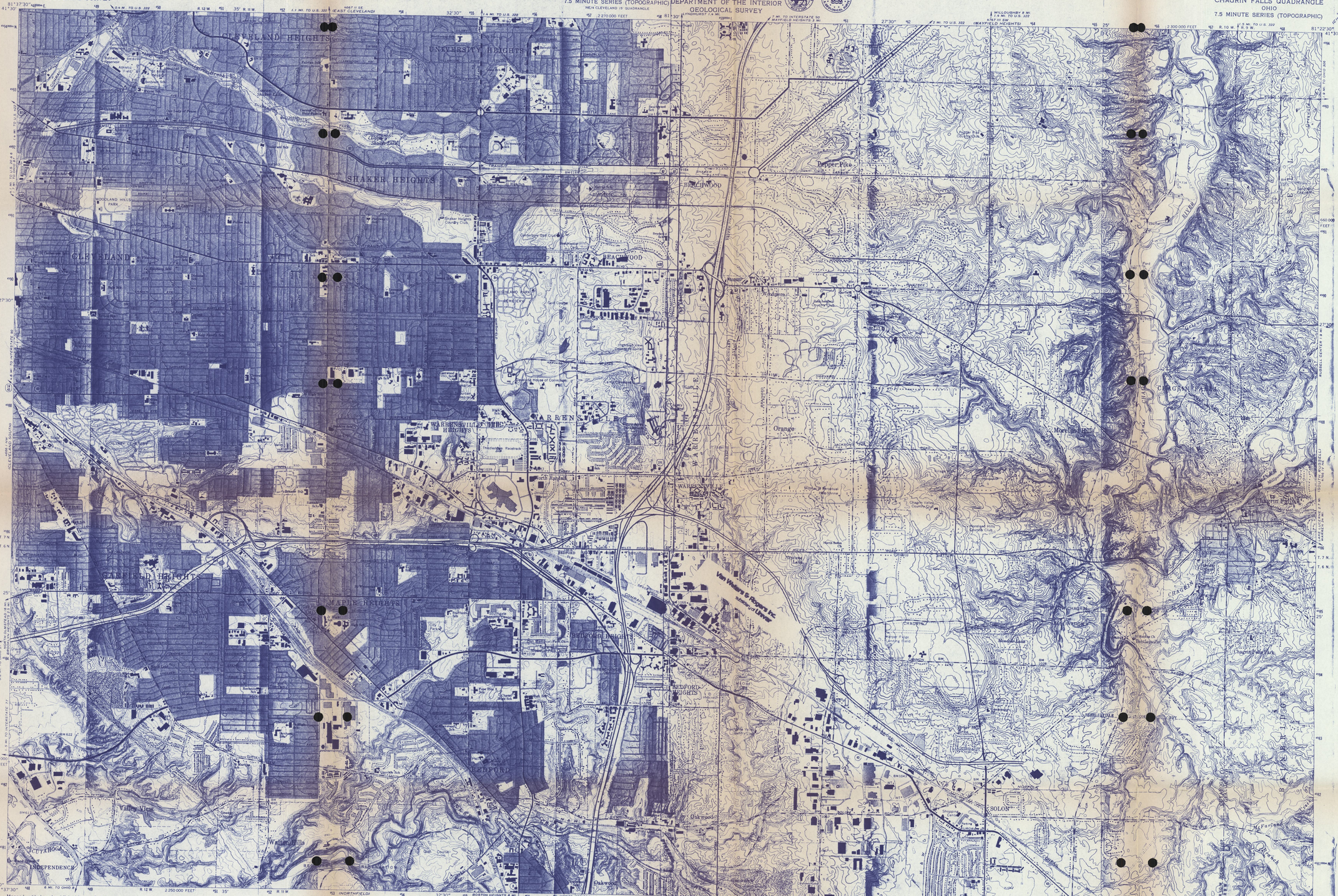
RECEIVED 1-5-83
COPY 2 BLUEPRINT 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SHAKER HEIGHTS QUADRANGLE
OHIO–CUYAHOGA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CHAGRIN FALLS QUADRANGLE
OHIO
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Revised in cooperation with State of Ohio agencies

Control by USGS, USC&GS, and Cleveland Regional Geodetic Survey

Topography by photogrammetric methods from aerial photographs taken 1952 and planetable surveys 1953. Revised from aerial photographs taken 1962. Field checked 1963

Polyconic projection. 1927 North American datum
10,000-foot grid based on Ohio coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

Red tint indicates areas in which only landmark buildings are shown

Entire area lies within the Connecticut Western Reserve

Dotted land lines established by private subdivision of the Connecticut Western Reserve

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

There may be private inholdings within the boundaries of the National or State reservations shown on this map

QUADRANGLE LOCATION

Revisions shown in purple compiled in cooperation with State of Ohio agencies from aerial photographs taken 1977. This information not field checked. Map edited 1979

Purple tint indicates extension of urban areas

Boundary lines shown in purple compiled from latest information available from the controlling authority

ROAD CLASSIFICATION

Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
Interstate Route — U. S. Route — State Route

SHAKER HEIGHTS, OHIO

N4122.5—W8130/7.5

1963
PHOTOREVISED 1979
AMS 4666 I NE–SERIES V852

Mapped, edited, and published by the Geological Survey
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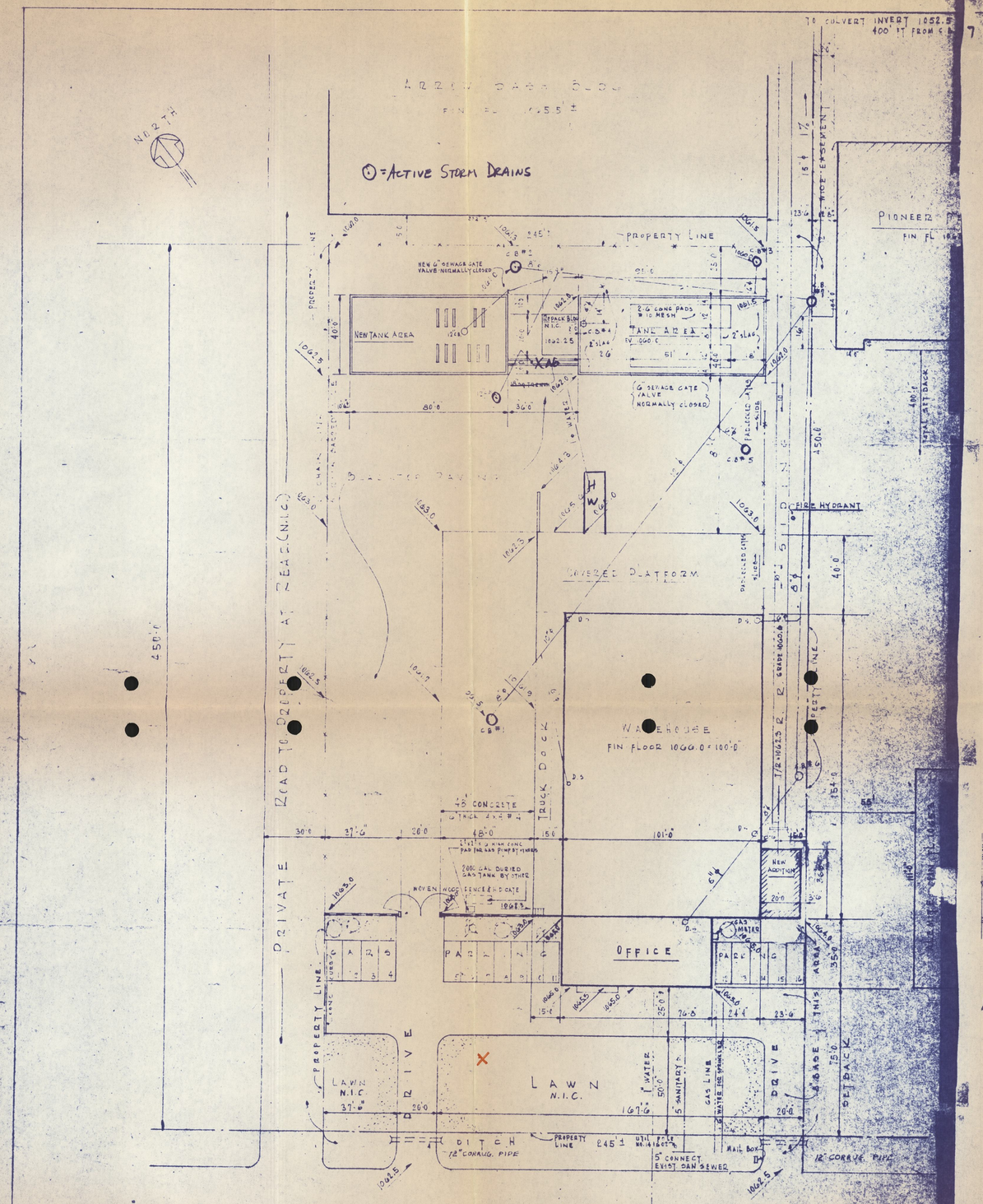
CHAGRIN FALLS, OHIO

N4122.5—W8122.5/7.5

1963
PHOTOREVISED 1979
AMS 4766 IV NW–SERIES V852



PLOT PLAN

SCALE 1" = 30'-0"

• NOTE •

ALL BLACKTOP PAVING, DRIVES, AND PARKING SHALL BE 6" CRUSHED STONE BASE WITH 1½" HOT MIXED & ROLLED ASPHALT TOP

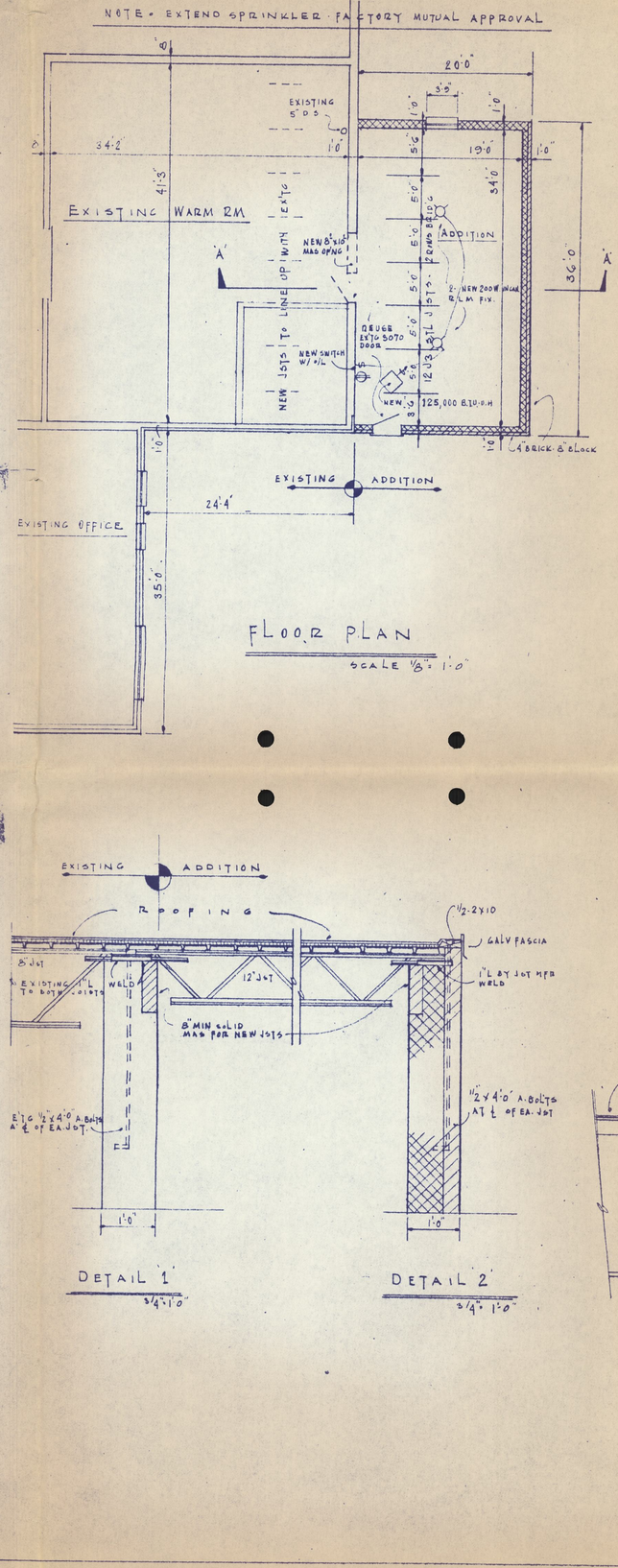
X BACKGROUND SAMPLE

FENCE SYMBOLS

— x — x — : 6'-0" HIGH CYCLONE WIRE FENCE WITH 3 STRANDS BARBED WIRE OVER, TOTAL HEIGHT OVERALL 7'-0"

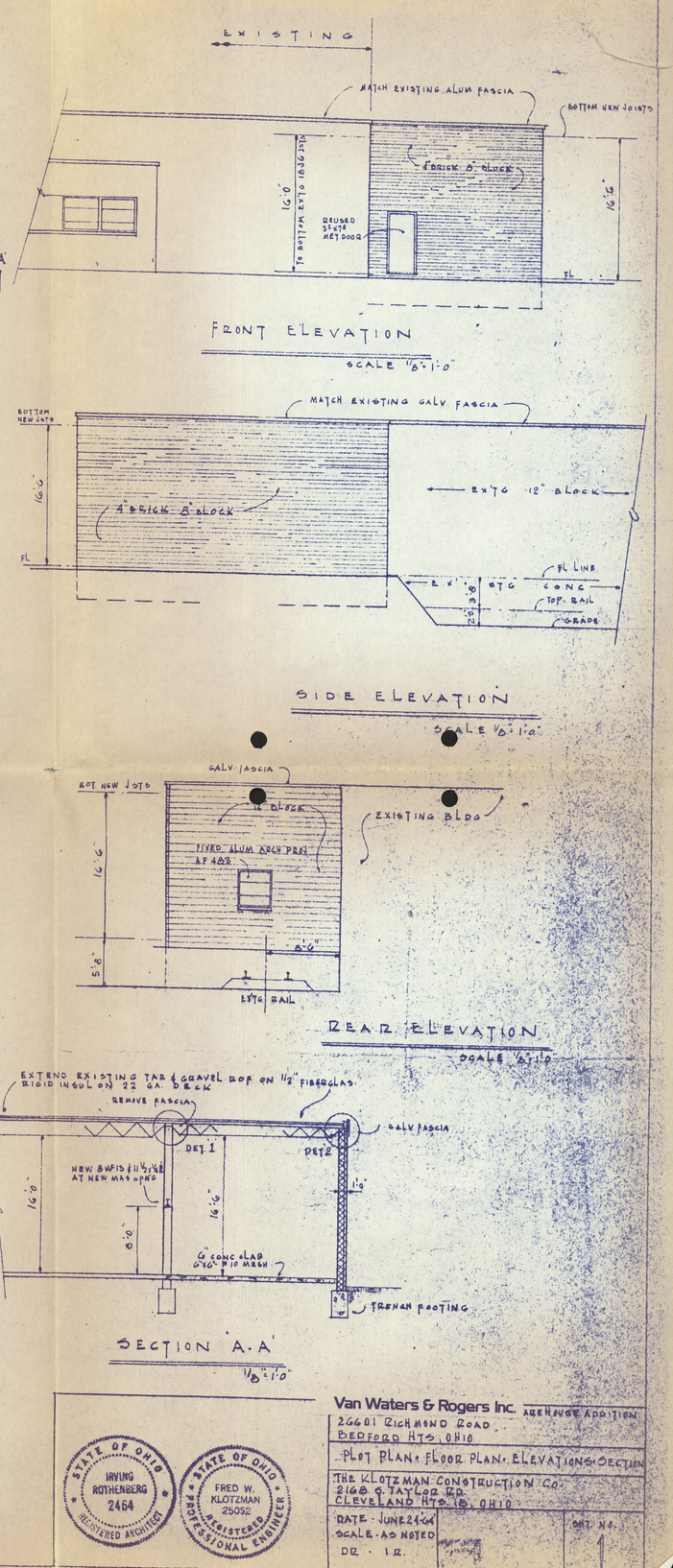
——— : 7'-0" HIGH ORNAMENTAL WOVEN WOOD SCREEN FENCE TREATED WD POSTS BELOW GROUND

NOTE - EXTEND SPRINKLER - FACTORY MUTUAL APPROVAL



FLOOR PLAN

SCALE 1/8" = 1'-0"



STATE OF OHIO — IRVING ROTHENBERG 2464 — REGISTERED ARCHITECT

STATE OF OHIO — FRED W. KLOTZMAN 25052 — REGISTERED PROFESSIONAL ENGINEER

Van Waters & Rogers Inc. — WAREHOUSE ADDITION

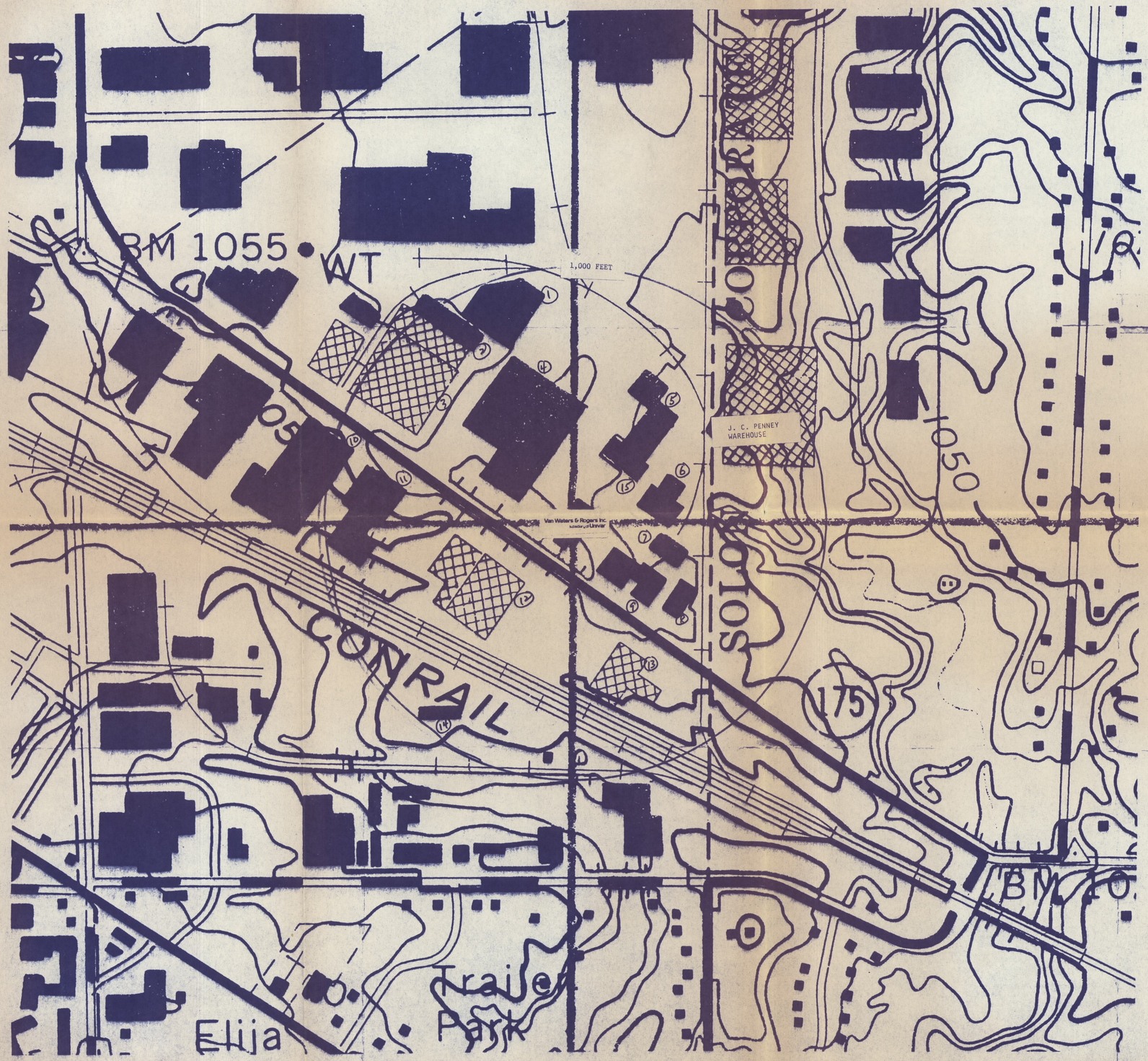
26601 RICHMOND ROAD
BEDFORD HTS, OHIO

PLOT PLAN • FLOOR PLAN • ELEVATIONS • SECTION

THE KLOTZMAN CONSTRUCTION CO.
2166 S. TAYLOR RD.
CLEVELAND HTS. 18, OHIO

DATE - JUNE 24 '64
SCALE - AS NOTED
DR. - I.R.

SHT. NO. 1



No.	Identification
1	Silverman Brothers - Retail Warehouse
2	Napcoware - Factory Outlet
3	National Potteries - Distribution/Sales Office
4	Union Paper & Twine - Manufacture/Distribute Paper Products
5	Racquet Club East
6	Converter Corporation of America
7	Sparkle Wash - Mobile Tractor & Trailer Wash
8	Cabinet Center - Cabinet Supply
9	Stewart-Warnol Alemite - Sales Office Forest City Bedding - Sales Office
10	Babin Builders Supply - Building Materials
11	Overall Paint Supplies
12	Jorgensen Steel Co. - Steel Supply & Fabrication
13	Peninsular Steel Co. - Steel Supply & Fabrication
14	Cleveland Builders Supply - Building/Masonry/Supplier
15	B & B Wood Products - Wood by-products Manufacturer i.e., chairs,doors, etc.

SPENWAY CORP.
CONSTRUCTION MNGMNT & DESIGN
450 CEDAR LANE
RIVERVALE, N.J. 07642

PROJECT
CLEVELAND, OHIO
26601 RICHMOND RD.
BEDFORD HEIGHTS, OHIO 44146

DRAWING
LONGITUDE: 81° - 29'-30" WEST
LATITUDE: 41° - 24'-49" NORTH
OHIO GRID: 4-58,900 E. & 45-84,560 N.

DRAWN BY	DRAWING NO.
CHKD BY	SITE D-6
DATE 2/15/82	
SCALE 1" = 200'	
JOB NO. 2804	

These plans are an instrument of service and are the property of the architect. Infringements will be prosecuted.

Contractor shall verify all field conditions and dimensions and be responsible for field fit and quantity of work.