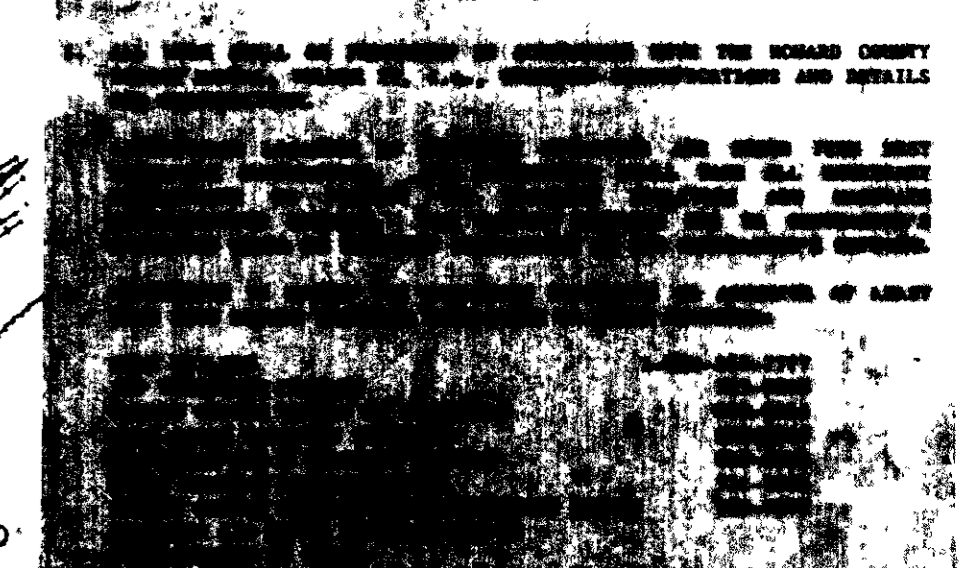




VICINITY MAP  
Scale 1"=2,000'



APPROVED: FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

*[Signature]* 12-1-88  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
*[Signature]* 12.8.88  
PLANNING DIRECTOR DATE

*[Signature]* 12-7-88  
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED FOR PUBLIC WATER, STORM DRAINAGE SYSTEM, AND PUBLIC ROADS.  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*[Signature]* 12/6/88  
DIRECTOR DATE

*[Signature]* 12-6-88  
CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO	REVISION

OWNER/DEVELOPER  
OWENS CORNING FIBERGLASS CORPORATION  
8259 PATUXENT RANGE ROAD  
JESSUP MARYLAND 20794  
6TH ELECTION DISTRICT HOWARD CO MD  
TAX MAP 46 P 129

PROJECT INDUSTRIAL BUILDING ADDITION TO SDP 85-137  
REF. SDP-82-100

AREA REVISED PLAT OF SECTION 2 PATUXENT PARK INDUSTRIAL AREA PARCEL A  
PLAT C M P 17 P 20

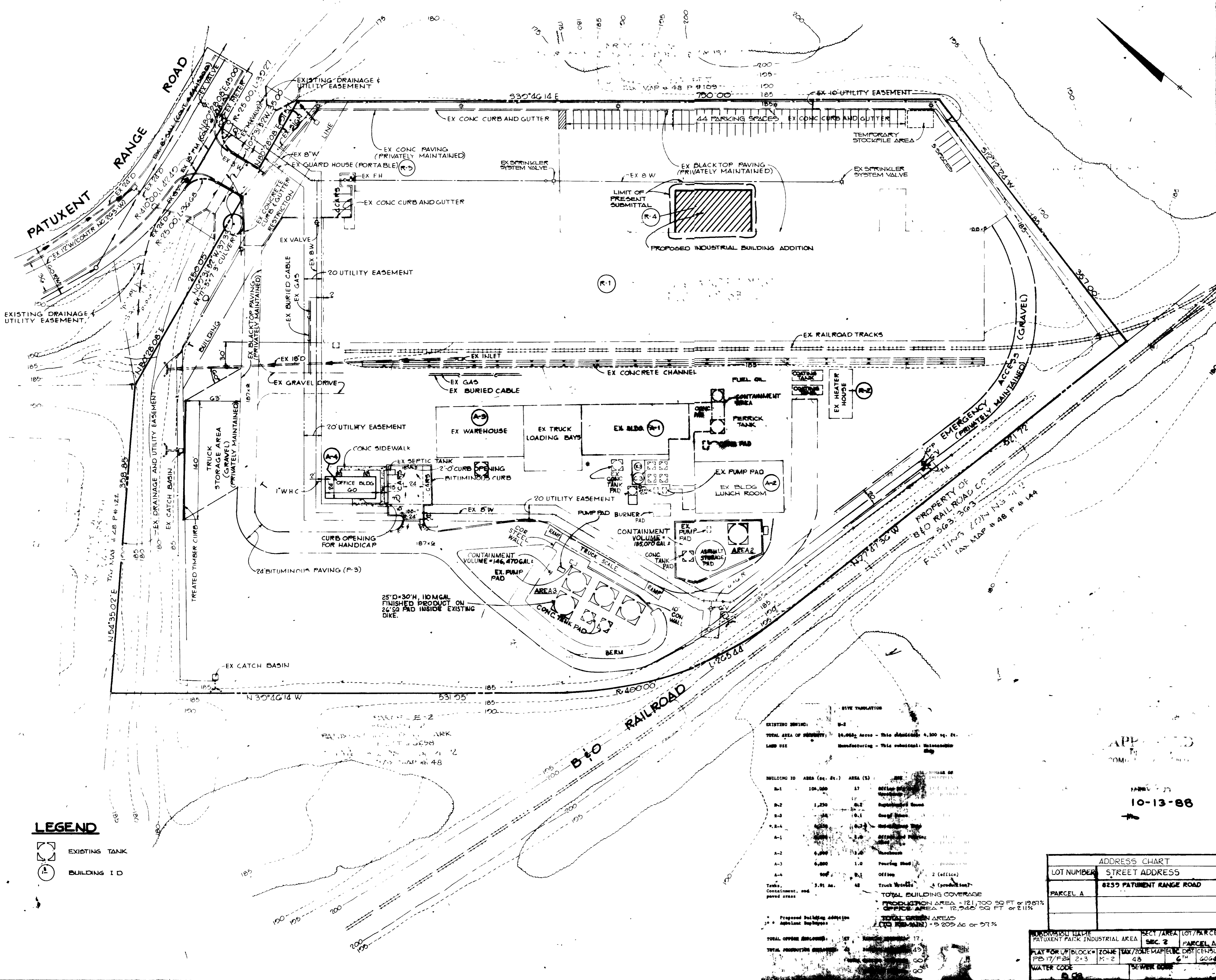
TITLE COVER SHEET  
REF. SDP 82-127 EGG-00

THE RIEMER GROUP, INC.  
A LAND PLANNING, DESIGN & CIVIL ENGINEERING FIRM  
3105 HEALTH PARK DRIVE, ELICOTT CITY, MD 21043 301-461-2600

11-5-88  
DATE

DESIGNED BY  
DRAWN BY  
PROJECT NO 56500  
DATE 9/15/88  
SCALE 1"=50'  
DRAWING NO. 1 OF 2

SDP-89-59



**LEGEND**  
[Symbol] EXISTING TANK  
[Symbol] BUILDING I D

EXISTING ZONING: M-2  
TOTAL AREA OF PROPERTY: 14.042 Acres - This includes 4,500 sq. ft. LAND USE: Manufacturing - This includes: Warehouse Shop

BUILDING ID	AREA (sq. ft.)	AREA (%)	USE
B-1	104,000	57	Building Shop
B-2	1,250	0.8	Supplemental Office
B-3	50	0.1	Office
B-4	4,000	2.8	Manufacturing Shop
B-5	1,000	0.7	Office
A-1	6,000	4.3	Production Area
A-2	6,000	4.3	Production Area
A-3	6,000	4.3	Production Area
A-4	6,000	4.3	Production Area
Tanks, Containment, and paved areas	3,911	2.8	Truck Washes - 4 (production)

TOTAL BUILDING COVERAGE  
PRODUCTION AREA = 121,000 SQ FT or 1987%  
OFFICE AREA = 12,240 SQ FT or 2.11%  
TOTAL GREEN AREAS (TO REMAIN) = 5,209 Ac or 37%

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
PARCEL A	8259 PATUXENT RANGE ROAD

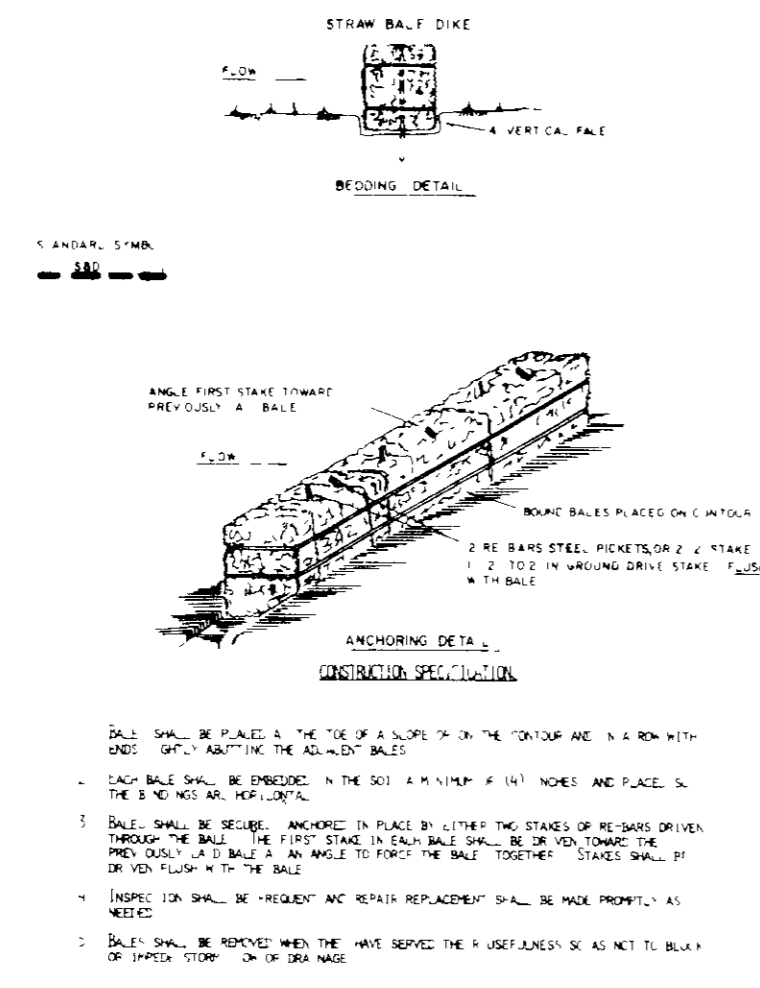
SUBDIVISION NAME	SECT / AREA	LOT / PARCEL
PATUXENT PARK INDUSTRIAL AREA	SEC 2	PARCEL A

PLAT FOR LOT/BLOCK: ZONE TAX/ZONE MAP/ELC DIST/CENSUS  
PD 17/P 24 2-3 M-2 48 6TH 6004

WATER CODE SEWER CODE

10-13-88

MAYLAND BLUEPRINT CO. INC.



**STRAW BALE DIKE**  
NO SCALE

**TEMPORARY SEEDING NOTES**

Apply to graded or cleared areas likely to be erodible. Use a light fertilizer rate of 10 lbs per acre.

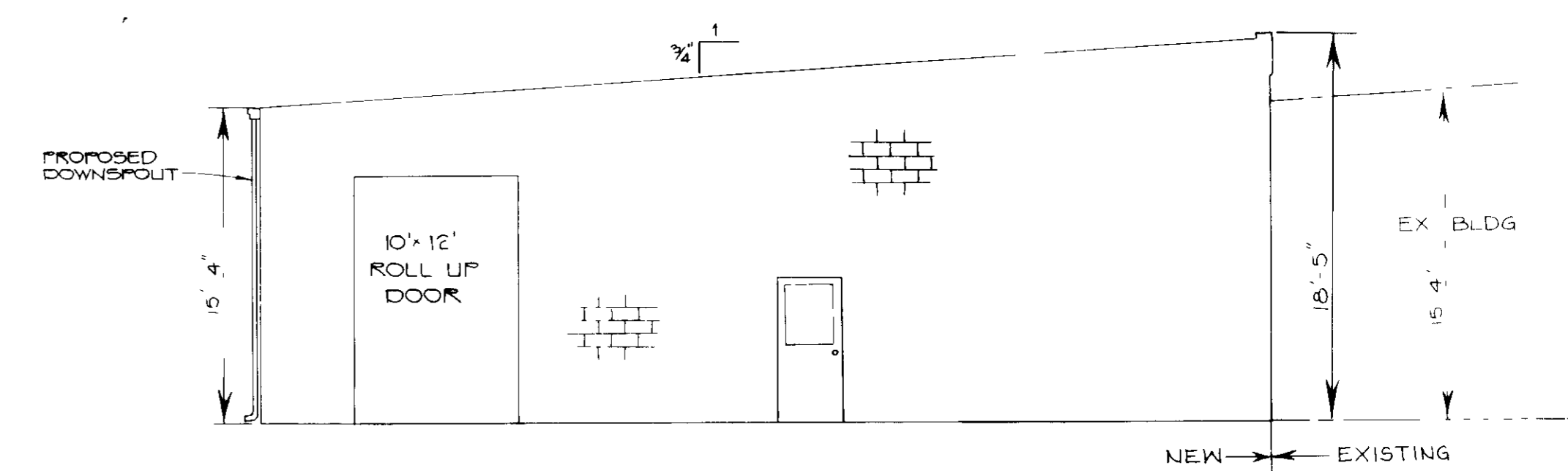
**Seedbed Preparation** - Loosen upper three inches of soil by tilling, disking, or other acceptable means before seeding, as not previously loosened.

**Soil Moisture** - Apply 600 lbs per acre (10 to 15 gal/1000 sq ft) of water in 1000 sq ft of seedbed. For periods March 2 thru April 30 and from August 10 thru November 10, seed with 25 bushels per acre of annual ryegrass (2 1/2 lbs/1000 sq ft). For the period May 1 thru August 31, seed with 300 lbs per acre of winter rye (18 gal/1000 sq ft). For the period November 10 thru February 28, percent rice by applying 2 tons per acre of winter annual mulch and seed 30 tons per acre of rye in the spring. 30 or 40 tons.

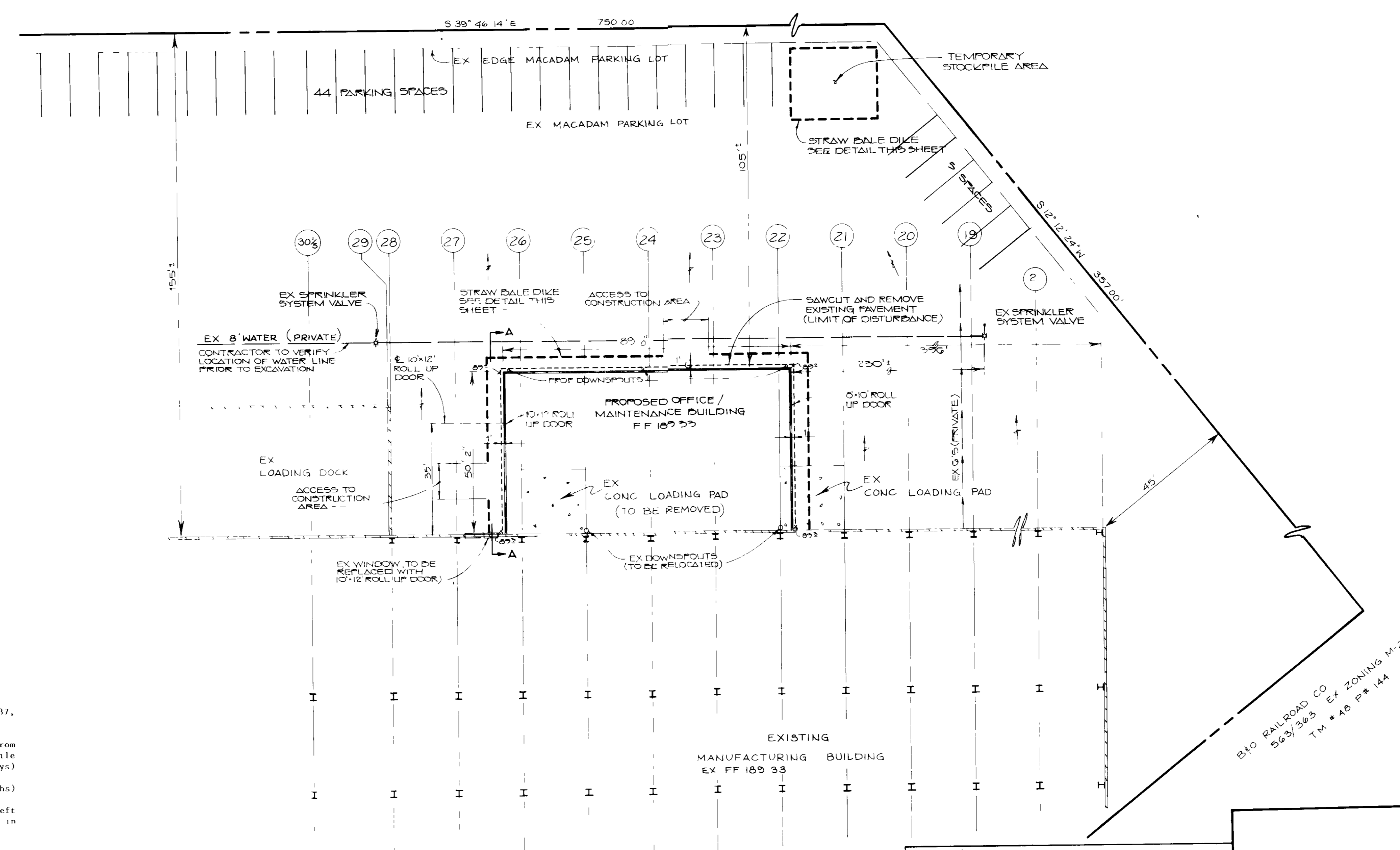
**Mulching** - Apply 10 to 2 tons per acre (10 to 15 gal/1000 sq ft) of mulch. Mulch shall be applied immediately after seeding. Mulch shall immediately after application, using a mulch spreading tool or 20 gal per acre (10 gal/1000 sq ft) of mulch spreader on flat areas. On slopes of 1:1 or higher, use 30 gal per acre (15 gal/1000 sq ft) for mulching.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rates and methods not covered.

MERCANTILE SAFE DEPOSIT & TRUST CO  
666/543 EX ZONING M-2  
T.M. #48 P#109



**SCHEMATIC**  
NO SCALE  
**ELEVATION A-A**



**PLAN**  
1" = 20'

- SEDTMENT CONTROL NOTES**
- A minimum of 24 hours notice must be given to the Howard County Office of Inspections and Permits prior to the start of any construction (992-2437).
  - All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
  - Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1; b) 14 days as to all other disturbed or graded areas on the project site.
  - All sediment traps/basins shown must be fenced and warning signs placed around their perimeter in accordance with Vol 1, Chapter 12 of the HOWARD COUNTY DESIGN MANUAL - Storm Drainage.
  - All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) and (Sec. 54), temporary seedings (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seedings do not allow for proper germination and establishment of grasses.
  - A sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis**
- |                                    |              |
|------------------------------------|--------------|
| Total Area of Site                 | 14,000 acres |
| Area Disturbed                     | 800 acres    |
| Area to be roofed or paved         | 100 acres    |
| Area to be vegetatively stabilized | 100 acres    |
| Total Cut                          | 250 cu yds   |
| Total Fill                         | 100 cu yds   |
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
  - Additional sediment controls must be provided, if deemed necessary by the Howard County DPM sediment control inspector.
  - Site grading will begin only after all perimeter sediment control measures have been installed and are in a functioning condition.
  - Sediment will be removed from traps when its depth reaches the clean out elevation shown on the plans.

**SEQUENCE OF CONSTRUCTION**

- Obtain a Grading Permit.
- Notify the Bureau of Licenses, Inspections and Permits at 992-2437, 24 hours prior to start of any construction.
- Install straw bale dike, saw cut and remove existing pavement from designated area, stockpile removed material on temporary stockpile area. (5 days)
- Start building construction. (3 months)
- After existing pavement is removed, if exposed surface is left exposed longer than 14 days, the contractor shall stabilize area in accordance with temporary seeding notes.
- Upon approval of the Department of Public Works Sediment Control Inspector, remove sediment control device and stabilize any remaining disturbed areas.

BY THE ENGINEER

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT I HAVE PREPARED IT IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

*Arthur E. Muegge* 11-3-88  
ENGINEER

APPROVED FOR PUBLIC WATER AND PRIVATE SEWAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

*John B. Beyer* 12-1-88  
COUNTY HEALTH OFFICER

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

*W. H. H. H.* 12-8-88  
PLANNING DIRECTOR

*Frank J. J. J.* 12-7-88  
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*Robert J. J.* 1-1-89  
DIRECTOR

*Richard J. J.* 12-6-88  
CHIEF BUREAU OF ENGINEERING

DATE	NO.	REVISION
<b>OWNER / DEVELOPER</b>		
OWENS/CORNING FIBERGLAS CORPORATION 8235 PATUXENT RANGE ROAD JESSUP, MARYLAND 20794		
ELECTION DISTRICT HOWARD CO MD TAX MAP 48, P. 129		
<b>PROJECT</b>		
INDUSTRIAL BUILDING ADDITION TO SDP 85-137		
REF SDP 85-137 P. 60-68 SDP 82-100		
<b>AREA</b>		
REVISED PLAT OF SECTION 2 PATUXENT PARK INDUSTRIAL AREA PLAT CMP 17720 PARCEL 'A'		
<b>TITLE</b>		
SITE DEVELOPMENT PLAN		
<b>THE RIEMER GROUP, INC.</b>		
The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm 3105 North Ridge Road, Ellicott City, Maryland 21043 (301) 461-2690		
11-3-88 DATE	DESIGNED BY DBS	
	DRAWN BY DS	
	PROJECT NO 50500	
	DATE SEPT 10, 1988	
	SCALE AS SHOWN	
	DRAWING NO 2 OF 2	

WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THE PLAN, AND THAT ANY RESPONSIBILITY FOR EROSION AND SEDIMENT CONTROL ON THIS PROJECT WILL HAVE A SPECIAL EMPHASIS ON THE CONSERVATION OF NATURAL RESOURCES THROUGH TRAINING PROGRAMS IN THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. ALSO, I HEREBY DEPEND ON THE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

*W. H. H. H.* 9-16-88  
DATE

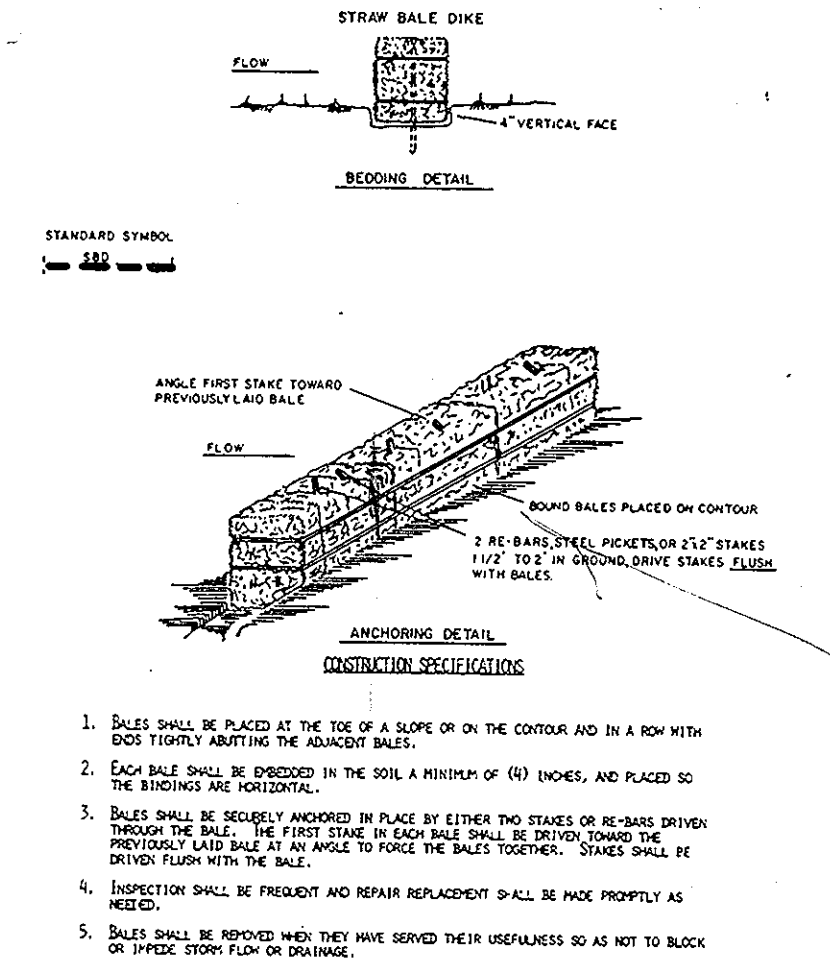
REVIEWED FOR HOWARD COUNTY S.C.D.  
WE MEET TECHNICAL REQUIREMENTS

*John M. M.* 11-29-88  
DATE

*Stephen L. L.* 11/29/88  
DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT

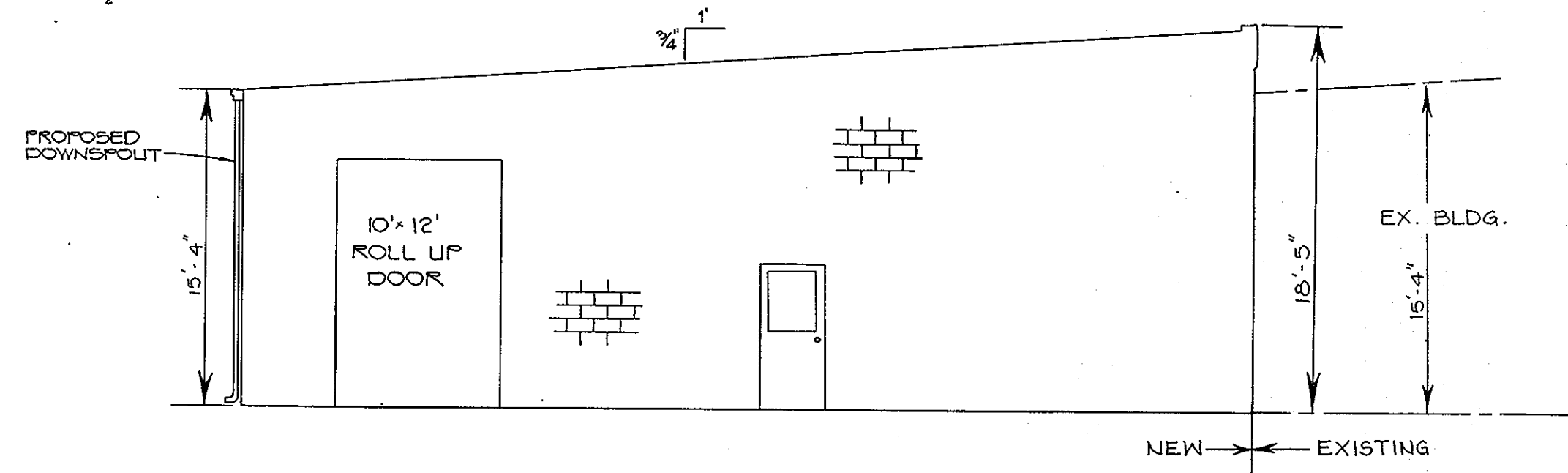
10-13-88



**STRAW BALE DIKE**  
NO SCALE

1. Bales shall be placed at the toe of a slope on the contour and in a row with dogs tightly abutting the adjacent bales.
2. Each bale shall be pressed in the soil a minimum of 60 inches, and placed so the bales are horizontal.
3. Bales shall be securely anchored in place by either the stakes or re-bands driven through the wall. The first stake in each row shall be driven down the perimeter wall and at an angle to force the bales together. Stakes shall be driven flush with the wall.
4. Inspection shall be frequent and repair replacement shall be made promptly as needed.
5. Bales shall be removed when they have served their usefulness so as not to block or divert storm flow or drainage.

MERCANTILE SAFE DEPOSIT & TRUST CO.  
666/543 EX. ZONING M-2  
T.M. # 46 P. # 109



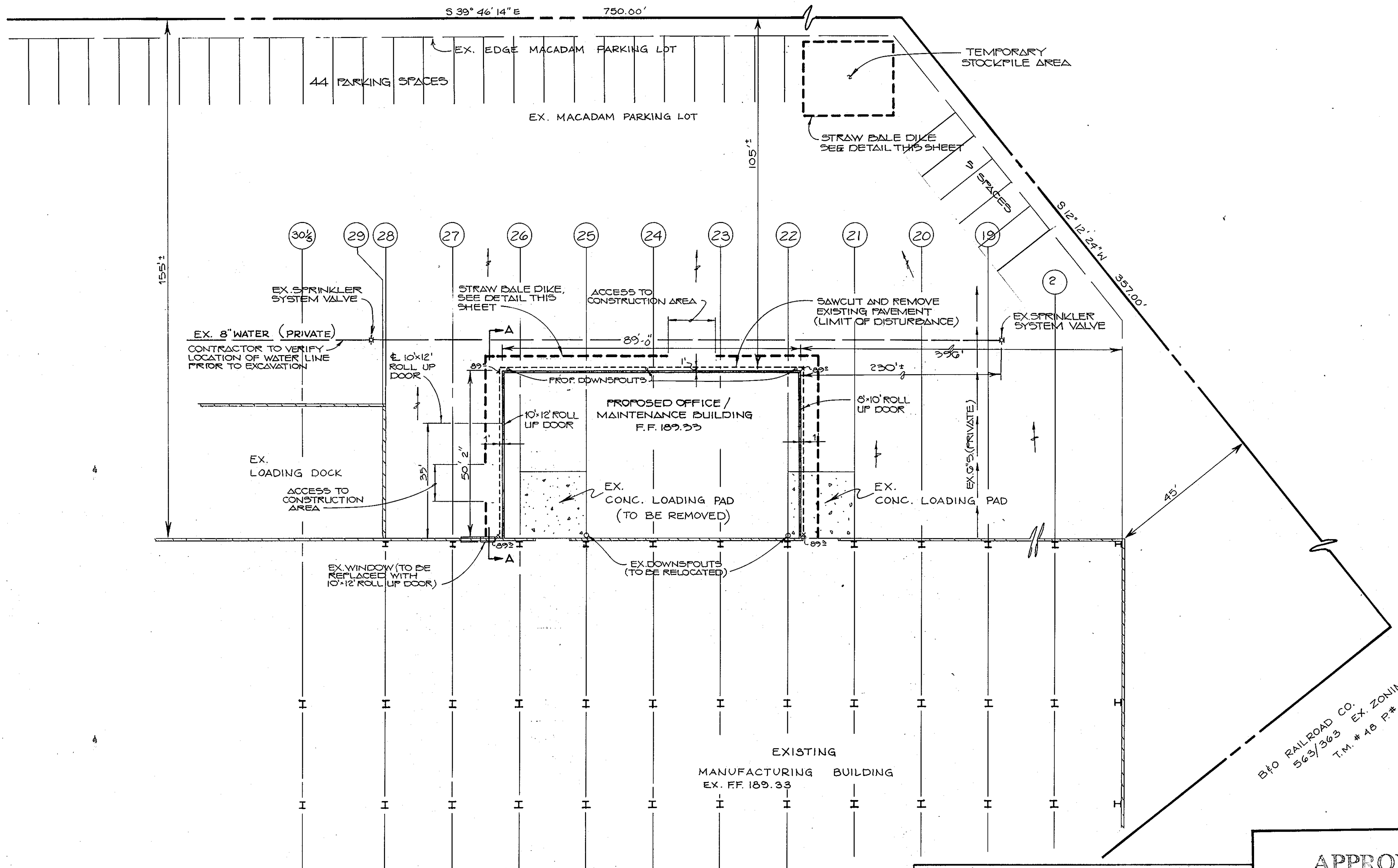
**SCHEMATIC**  
NO SCALE  
**ELEVATION A-A**

**TEMPORARY SEEDING NOTES**  
Apply to graded or cleared areas likely to be restructured where a short-term vegetative cover is needed.  
**Soil Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means without seeding, if not previously loosened.  
**Soil Amendments:** Apply 400 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).  
**Seeding:** For periods March 1 thru April 30 and from August 15 thru November 30, seed with 20 bushels per acre of annual ryegrass (3.7 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 2 lbs per acre of creeping lovegrass (0.7 lbs/1000 sq ft). For the period November 15 thru February 28, protect site by applying 2 tons per acre of well-anchored straw mulch and seed as soon as possible in the spring, or use sod.  
**Mulching:** Apply 1/4 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (3 gal/1000 sq ft) of unmodified asphalt on flat areas. On slopes 2 ft or higher, use 268 gal per acre (8 gal/1000 sq ft) for anchoring.  
Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rates and methods not covered.

- SEDIMENT CONTROL NOTES**
1. A minimum of 24 hours notice must be given to the Howard County Office of Inspections and Permits prior to the start of any construction (992-2437).
  2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
  3. Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
  4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
  5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) and (Sec. 54), temporary seedings (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
  6. All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
  7. Site Analysis:  
Total Area of Site: 14,000 acres  
Area Disturbed: 0.11 acres  
Area to be roofed or paved: 0 acres  
Area to be vegetatively stabilized: 0 acres  
Total Cut: 0 cu. yds.  
Total Fill: 0 cu. yds.
  8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
  9. Additional sediment controls must be provided, if deemed necessary by the Howard County DPM sediment control inspector.
  10. Site grading will begin only after all perimeter sediment control measures have been installed and are in a functioning condition.
  11. Sediment will be removed from traps when its depth reaches the clean out elevation shown on the plans.

**SEQUENCE OF CONSTRUCTION**

1. Obtain a Grading Permit.
2. Notify the Bureau of Licenses, Inspections and Permits at 992-2437, 24 hours prior to start of any construction.
3. Install straw bale dike, saw cut and remove existing pavement from designated area, stockpile removed material on temporary stockpile area----- (5 days)
4. Start building construction----- (3 months)
5. After existing pavement is removed, if exposed surface is left exposed longer than 14 days, the contractor shall stabilize area in accordance with temporary seeding notes.
6. Upon approval of the Department of Public Works Sediment Control Inspector, remove sediment control device and stabilize any remaining disturbed areas.



**PLAN**  
1" = 20'

BY THE DEVELOPER:  
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY CONSERVATION DISTRICT."  
*Mark Ziegler* DEVELOPER 9-16-88 DATE

REVIEWED FOR **HOWARD** S.C.D. NAME  
AND MEETS TECHNICAL REQUIREMENTS  
*John M. Adams* 11-29-88 DATE  
U.S. SOIL CONSERVATION SERVICE  
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT.  
*Stephen L. Smith* 11/29/88 DATE  
HOWARD S.C.D.

**APPROVED**  
DIVISION OF  
COMMUNITY PLANNING  
& LAND DEVELOPMENT  
HOWARD COUNTY,  
MARYLAND  
DATE **10-13-88**

BY THE ENGINEER:  
"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY CONSERVATION DISTRICT."  
*Arthur E. Muegge* 11-3-88 DATE  
ENGINEER

APPROVED: FOR PUBLIC WATER AND PRIVATE SEWAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
*John B. ...* 12-1-88 DATE  
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
*W. H. ...* 12-8-88 DATE  
PLANNING DIRECTOR  
*Mark S. ...* 12-7-88 DATE  
CHIEF, DIVISION OF  
COMMUNITY PLANNING AND  
LAND DEVELOPMENT

APPROVED: FOR PUBLIC WATER, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*James W. ...* 12/6/88 DATE  
DIRECTOR  
*James ...* 12-6-88 DATE  
CHIEF, BUREAU OF ENGINEERING

DATE	NO.	REVISION
OWNER/DEVELOPER		
OWENS/CORNING FIBERGLAS CORPORATION 8235 PATUXENT RANGE ROAD JESSUP, MARYLAND 20794		
ELECTION DISTRICT HOWARD CO. MD. TAX MAP 46, P. 129		
PROJECT <b>INDUSTRIAL BUILDING ADDITION TO SDP 85-137</b>		
REF: SDP 85-137 F. 28-88 SDP 82-108		
AREA REVISED PLAT OF SECTION 2 PATUXENT PARK INDUSTRIAL AREA PLAT CMP 17.25 PARCEL 'A'		
TITLE: <b>SITE DEVELOPMENT PLAN</b>		

**THE RIEMER GROUP, INC.**  
The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm  
3105 North Ridge Road, Ellicott City, Maryland 21043 (301) 461-2690

11-3-88 DATE  
DESIGNED BY: D.B.S.  
DRAWN BY: D.S.  
PROJECT NO: 56500  
DATE: SEPT. 13, 1988  
SCALE: AS SHOWN  
DRAWING NO. 2 OF 2