

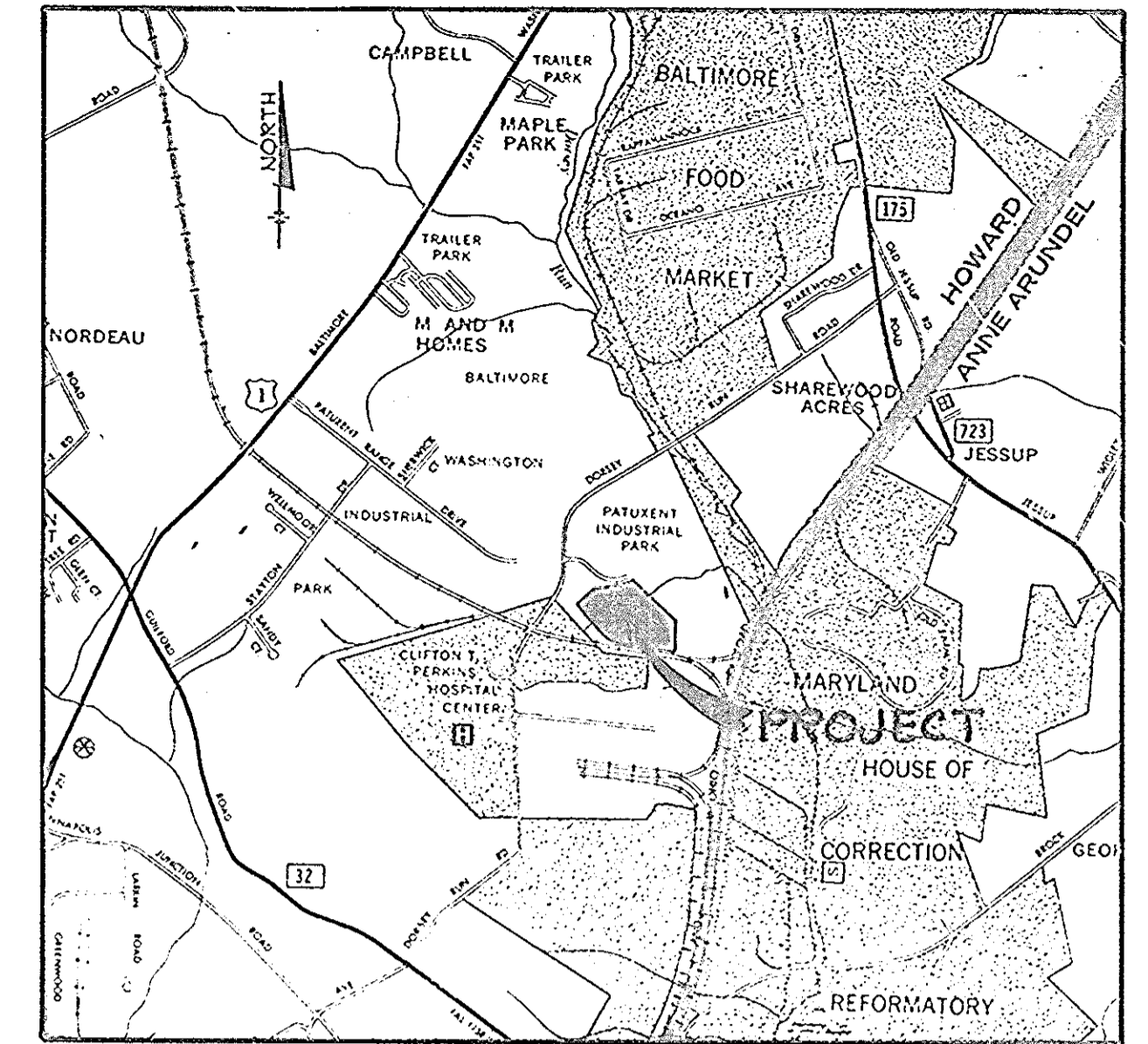
SHEET INDEX	
NO.	DESCRIPTION
1	TITLE SHEET
2	SITE PLAN
3	DETAILS
4	DRAINAGE AREA MAP

# SITE REHABILITATION PLAN

## TRUMBULL ASPHALT PLANT

### 6TH ELECTION DISTRICT

### HOWARD COUNTY, MARYLAND



**VICINITY MAP**  
Scale: 1" = 2,000'

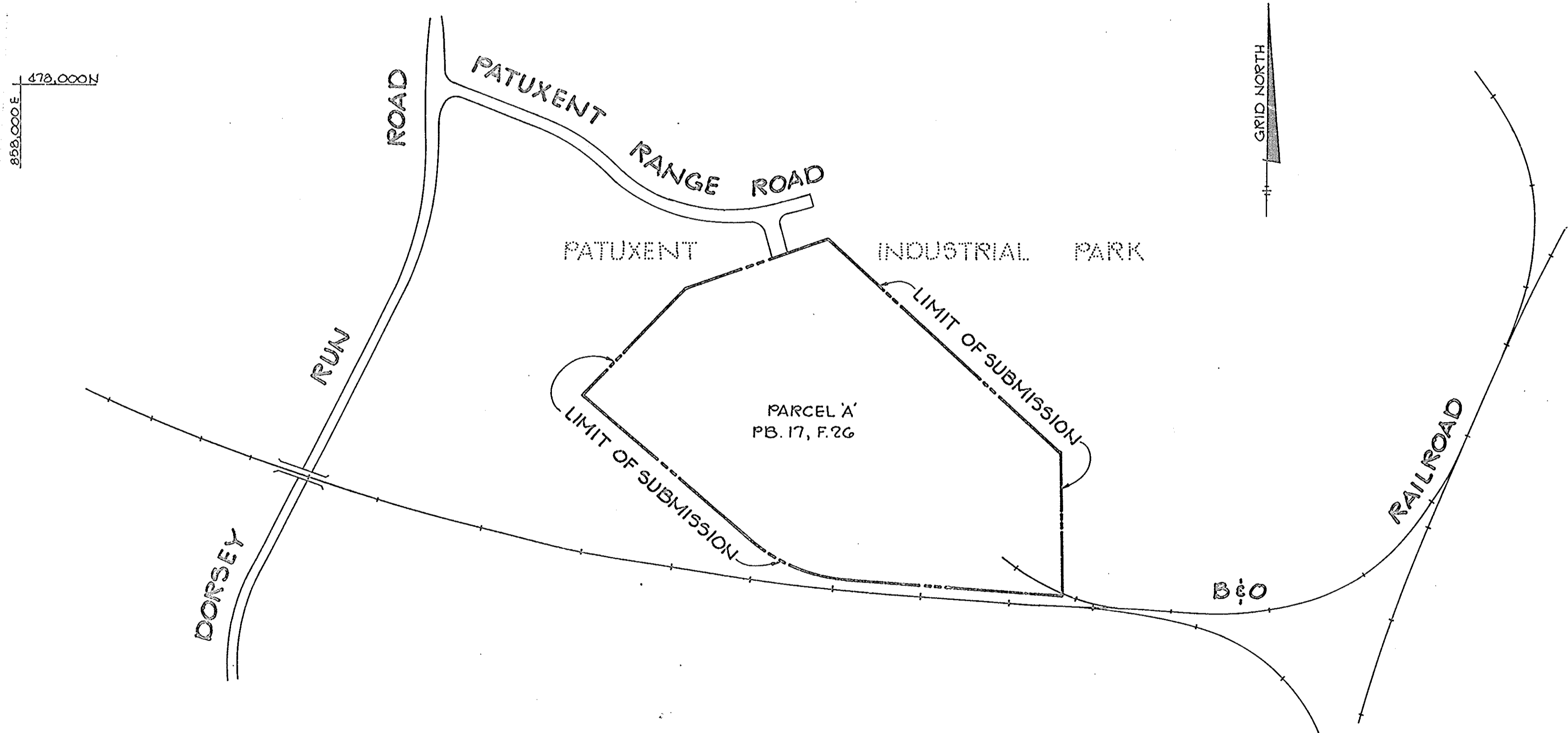
GENERAL NOTES

1. ALL WATER LINES SHALL BE CONSTRUCTED A MINIMUM OF 42" COVER BELOW FINISHED GRADE.
2. CORRUGATED STEEL PIPE SECTIONS WILL BE JOINED WITH A SINGLE OR TWO PIECE CORRUGATED BAND WITH A WATERTIGHT NEOPRENE GASKET. DIMPLE BAND CONNECTORS WILL NOT BE PERMITTED.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, I.E., STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
4. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
5. THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES, WHERE DIRECTED BY THE ENGINEER, A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS.
6. CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS:  

C & P TELEPHONE COMPANY	725-9976
HOWARD COUNTY BUREAU OF UTILITIES	992-2366
AT&T CABLE LOCATION DIVISION	393-3553
BALTIMORE GAS AND ELECTRIC COMPANY	685-0123
STATE HIGHWAY ADMINISTRATION	531-5533
HOWARD COUNTY CONSTRUCTION/INSPECTION SURVEY DIVISION (24 HOURS NOTICE PRIOR TO COMMENCEMENT OF WORK)	792-7272
7. ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
8. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
9. THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
10. PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
11. NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT TO SUBGRADE.
12. TOPO TAKEN FROM AERIAL SURVEY DATED APRIL 1979 PREPARED BY GREENHORNE & O'MARA, INC. AND SUPPLEMENTED BY FIELD RUN SURVEY MAY 1982.
13. THE PERCENTAGE OF OPEN SPACE TO REMAIN WILL BE 37%.
14. THE HANDICAP RAMP SHALL NOT EXCEED A 5% SLOPE.

SITE DATA

TOTAL AREA OF SITE	14.608 Acres ±
SANITARY SEWER SYSTEM	Private
WATER SYSTEM	Public
EXISTING ZONING	M-2
PROPOSED BUILDING USE	Office
PROPOSED BUILDING AREA (ONE STORY)	1,440 S.F.
PARKING:	REQUIRED PROVIDED
PROPOSED	1 SPACE/200 S.F.
EXISTING	7.2      8
50+ EMPLOYEES @ 1/2 EMPLOYEES	25      34
LANDSCAPED AREA (OPEN SPACE)	5.46 Acres ±
IMPERVIOUS AREA	8.87 Acres ±
AREA TO BE RESEDED	0.2 Acres ±



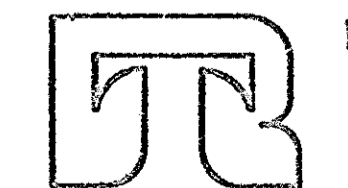
**PLAN**  
Scale: 1" = 200'


APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE **5-14-82**  
*L.T.O.*

**5-7-82**

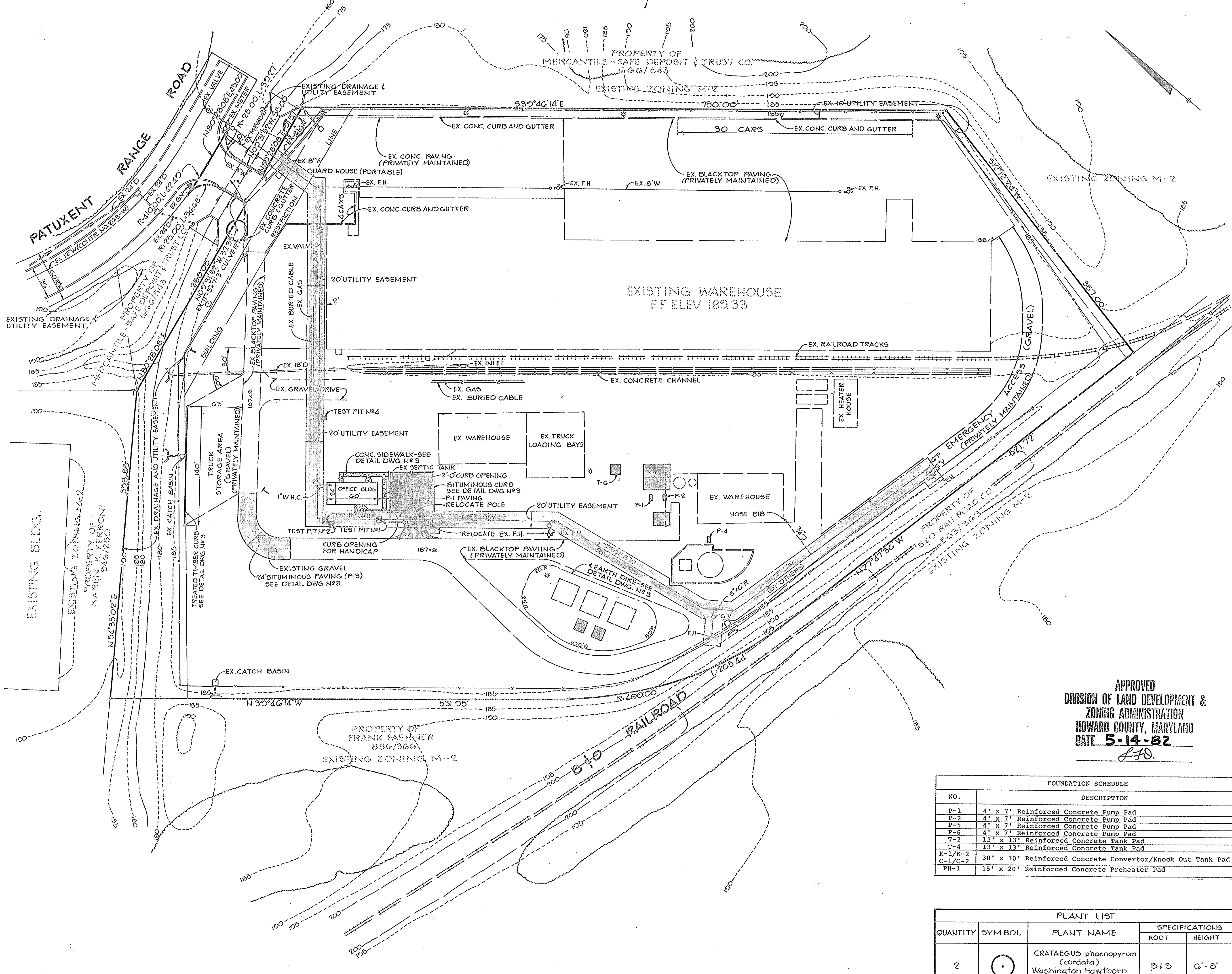


APPROVED: FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.	
<i>John DePina</i>	8-23-82 DATE
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.	
<i>Sheldon Musselman</i>	8-21-82 DATE
APPROVED: CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION.	
<i>Louis F. Davis</i>	8-24-82 DATE
APPROVED: FOR PUBLIC WATER, SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.	
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>Wayne F. Newmyer</i>	8-19-82 DATE
APPROVED: CHIEF, BUREAU OF ENGINEERING.	
<i>William J. Quinn</i>	8-18-82 DATE
DATE	REVISION

OWNER/DEVELOPER	
TRUMBULL ASPHALT 8230 PATUXENT RANGE ROAD JESSUP MARYLAND 20794	
PROJECT: TRUMBULL ASPHALT PLANT REHABILITATION	
6TH ELECTION DISTRICT HOWARD COUNTY MD TAX MAP 65	
AREA: REVISED PLAT OF SECTION 2 PATUXENT PARK INDUSTRIAL AREA PARCEL A'	
TITLE: TITLE SHEET	
 <b>Hemar-Tracy &amp; Associates, Inc.</b> 6559 Baltimore National Pike Ellicott City, Maryland 21073 (301) 451-2000 <i>Land Planning, Design &amp; Civil Engineering</i>	

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

*James G. Jones* 8-23-82  
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

*John M. Mastromarino* 8-24-82  
 PLANNING DIRECTOR, ACTING DATE

ACTING *Louis F. Davis* 8-24-82  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

APPROVED: FOR PUBLIC WATER, PRIVATE SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*Harold F. Nearing* 8-19-82  
 DIRECTOR DATE

*William J. Redman* 8-16-82  
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 5-14-82  
*LTD.*

DATE	NO.	REVISION

OWNER/DEVELOPER  
 TRUMBULL ASPHALT  
 8230 PATUXENT RANGE ROAD  
 JESSUP MARYLAND 20794

PROJECT: TRUMBULL ASPHALT PLANT REHABILITATION  
 6TH ELECTION DISTRICT HOWARD COUNTY MD TAX MAP 45

AREA: REVISED PLAT OF SECTION 2 PATUXENT PARK INDUSTRIAL AREA PARCEL 'A'

TITLE: SITE PLAN

**Riemer Tracy & Associates, Inc.**  
 8559 Baltimore National Pike  
 Ellicott City, Maryland 21033  
 (301) 451-2650  
 Land Planning, Design & Civil Engineering

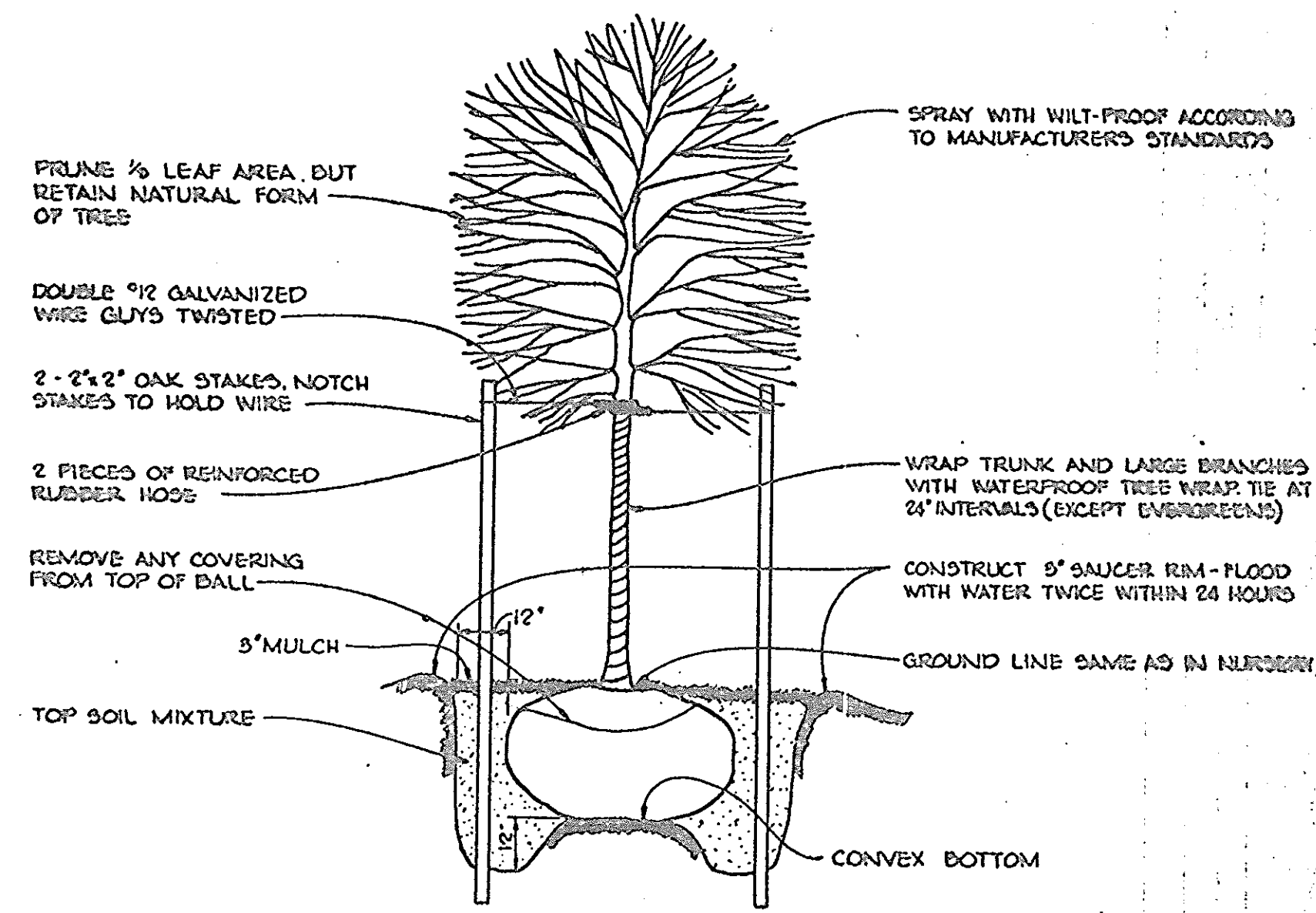
5-7-82  
 DATE

DESIGNED BY: JKT/RJW  
 DRAWN BY: D.A.M.  
 PROJECT NO: 2082  
 DATE: MAY 7, 1982  
 SCALE: 1" = 50'  
 DRAWING NO. 2 OF 4

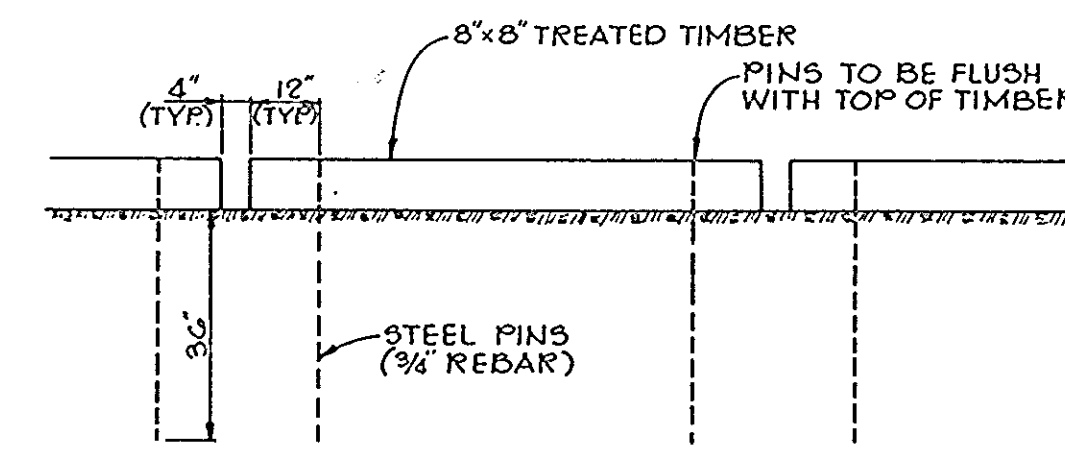
SDP-82-129 AUGUST 13, 1982

FOUNDATION SCHEDULE	
NO.	DESCRIPTION
P-1	4' x 7' Reinforced Concrete Pump Pad
P-2	4' x 7' Reinforced Concrete Pump Pad
P-5	4' x 7' Reinforced Concrete Pump Pad
P-6	4' x 7' Reinforced Concrete Pump Pad
T-2	13' x 13' Reinforced Concrete Tank Pad
T-4	13' x 13' Reinforced Concrete Tank Pad
K-1/K-2	30' x 30' Reinforced Concrete Converter/Knock Out Tank Pad
C-1/C-2	30' x 30' Reinforced Concrete Converter/Knock Out Tank Pad
PH-1	15' x 20' Reinforced Concrete Preheater Pad

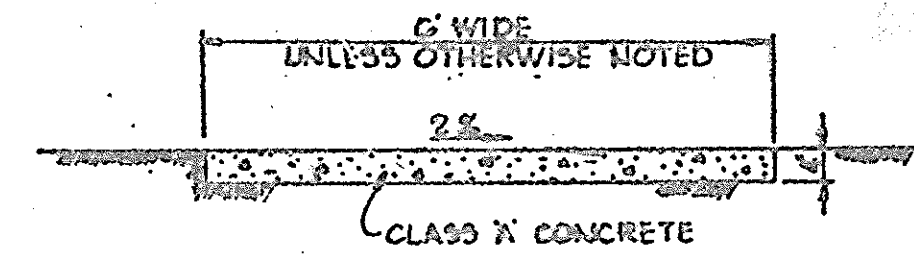
PLANT LIST				
QUANTITY	SYMBOL	PLANT NAME	SPECIFICATIONS	
			ROOT	HEIGHT
2	⊙	CRATAEGUS phaenopyrum (cordata) Washington Hawthorn	DBB	6'-8"



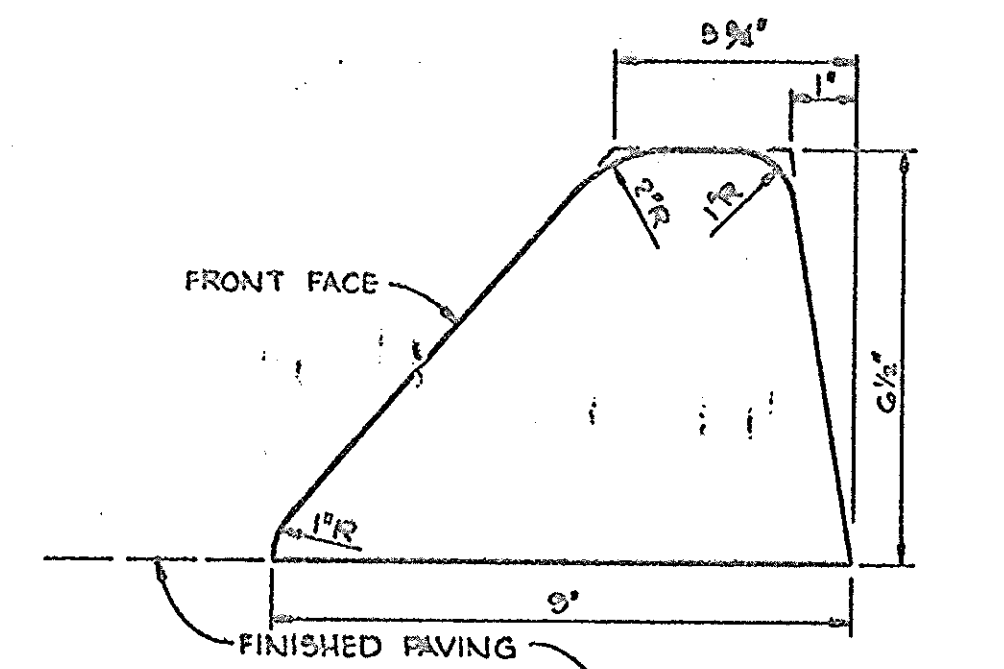
**TREE PLANTING DETAIL**  
No Scale



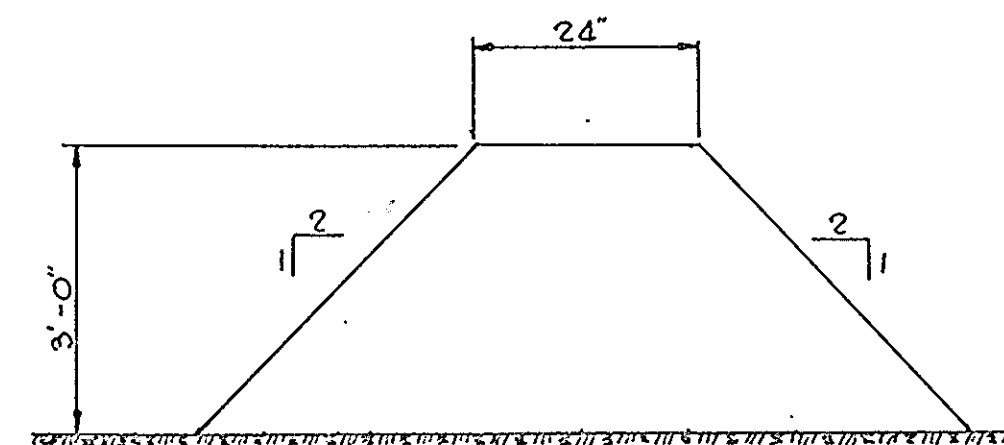
**TRUCK STORAGE AREA  
TIMBER CURB DETAIL**  
No Scale



**SIDEWALK DETAIL**  
No Scale

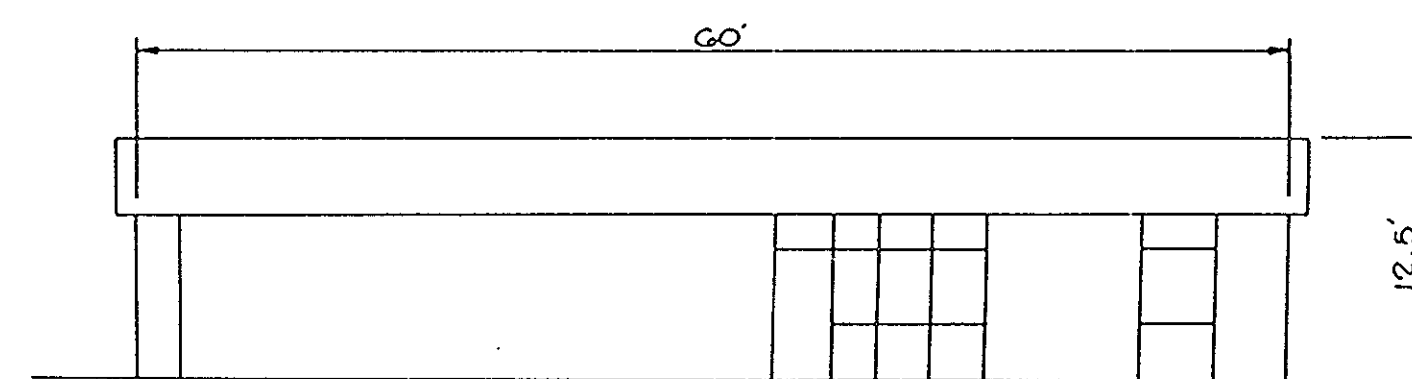


HOWARD COUNTY STANDARD (DRAWING D-40 PAGE 94)  
**BITUMINOUS CURB**  
No Scale

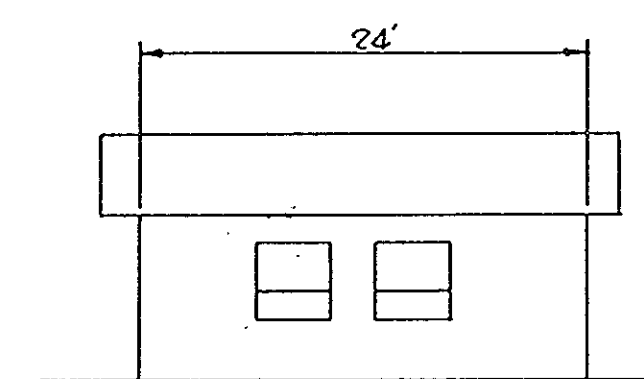


**DETAIL - EARTH DIKE**  
No Scale

APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE **5-14-82**  
*J.F.D.*

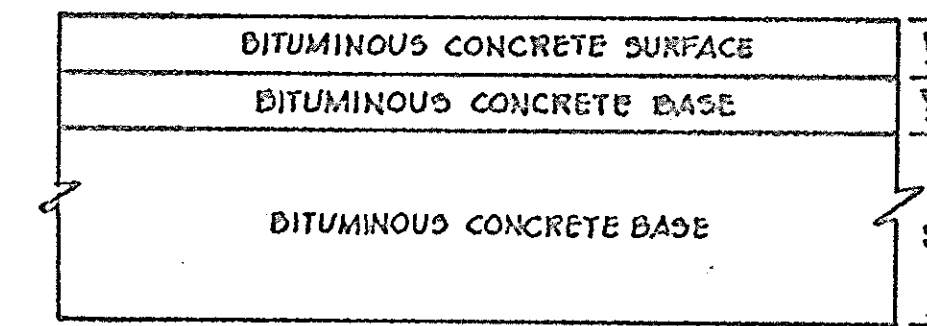
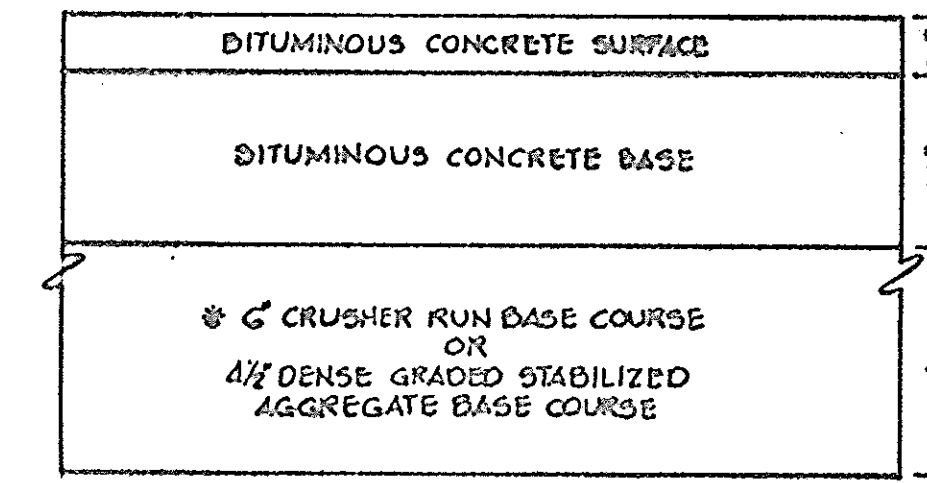


**SOUTH ELEVATION**

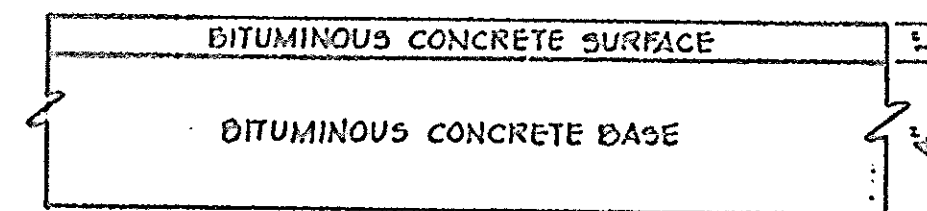
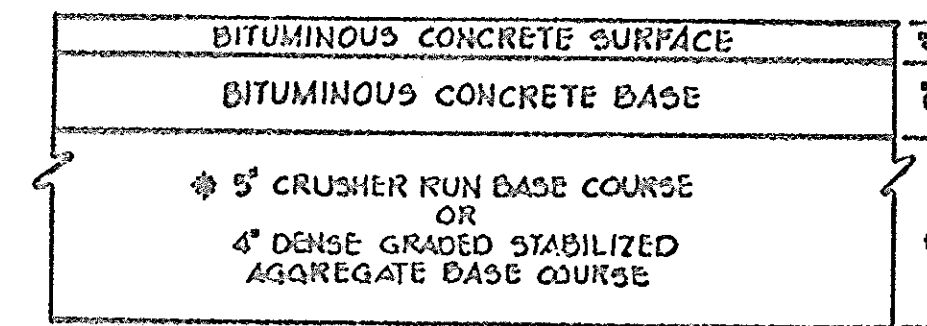


**EAST ELEVATION**

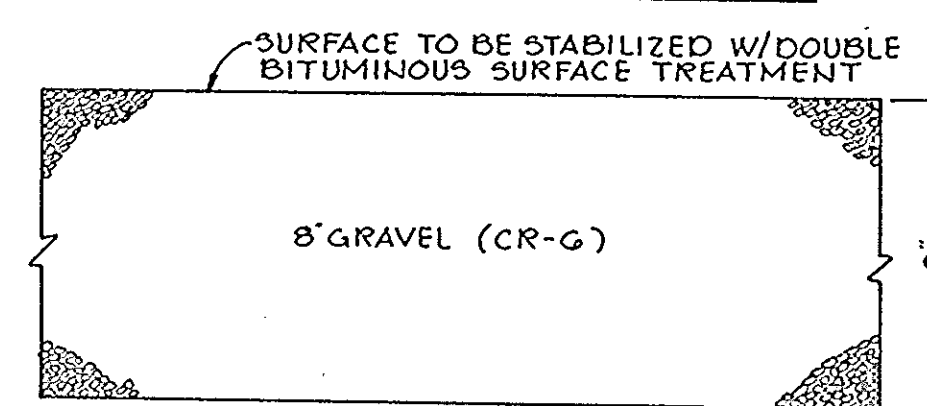
**ELEVATIONS OF PROPOSED OFFICE BUILDING**  
No Scale



HOWARD COUNTY DESIGN MANUAL VOLUME III - STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-2.01)  
**(8\"/>**



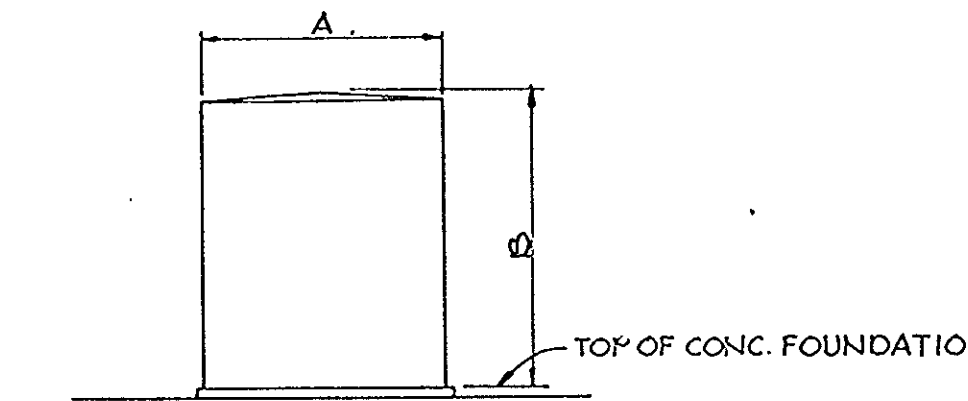
HOWARD COUNTY DESIGN MANUAL VOLUME III - STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-2.01)  
**(5\"/>**



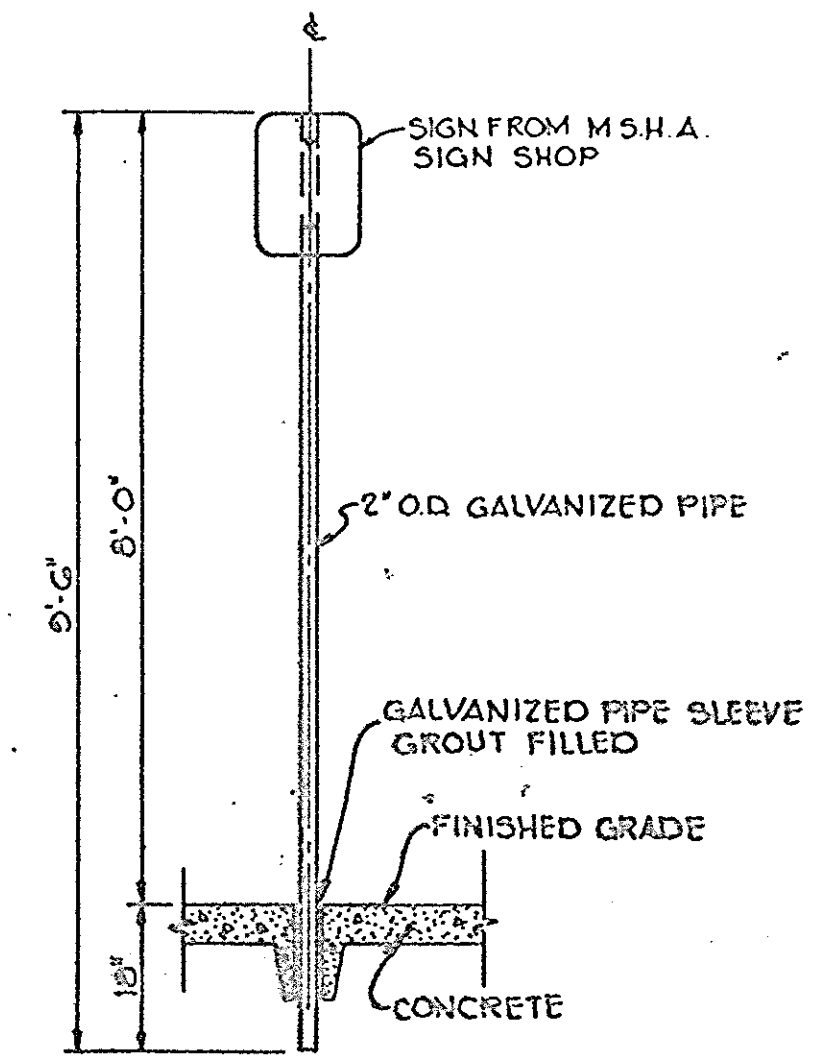
(PRIVATELY MAINTAINED)  
**EMERGENCY ACCESS &  
TRUCK STORAGE AREA**

**TYPICAL PAVING SECTIONS**  
No Scale

TANK SCHEDULE		
TANK NO.	A	B
T-1	30'	40'
T-2	12'	30'
T-4	12'	30'
T-11	25'	30'
T-12	25'	30'
T-13	25'	30'
T-14	12'	30'
C-1	12'	50'
C-2	8'	40'
K-1	8'	10'
K-2	6'	8'



**ELEVATION OF TYPICAL  
STORAGE TANK**  
No Scale



**HANDICAP SIGN/SECTION**  
**HANDICAP SIGN**  
No Scale

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

*[Signature]* HEALTH OFFICER **8-23-82** DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

*[Signature]* PLANNING DIRECTOR, ACTING **8-24-82** DATE

*[Signature]* CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION **8-24-82** DATE

APPROVED: FOR PUBLIC WATER, PRIVATE SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*[Signature]* DIRECTOR **8-19-82** DATE

*[Signature]* CHIEF, BUREAU OF ENGINEERING **8-18-82** DATE

DATE	NO.	REVISION

OWNER/DEVELOPER  
TRUMBULL ASPHALT  
8230 PATUXENT RANGE ROAD  
JESSUP MARYLAND 20794

PROJECT: TRUMBULL ASPHALT PLANT REHABILITATION  
6TH ELECTION DISTRICT HOWARD COUNTY MD TAX MAP 4B  
AREA: REVISED PLAT OF SECTION 2 PATUXENT PARK INDUSTRIAL AREA PARCEL A

TITLE: DETAILS

**Rierner - Tracy & Associates, Inc.**  
8659 Baltimore National Pike  
Ellicott City, Maryland 21043  
(301) 461-2650  
Land Planning, Design & Civil Engineering

**5-7-82** DATE

DESIGNED BY: J.K.T.

DRAWN BY: D.A.M.

PROJECT NO: 2082

DATE: MAY 7, 1982

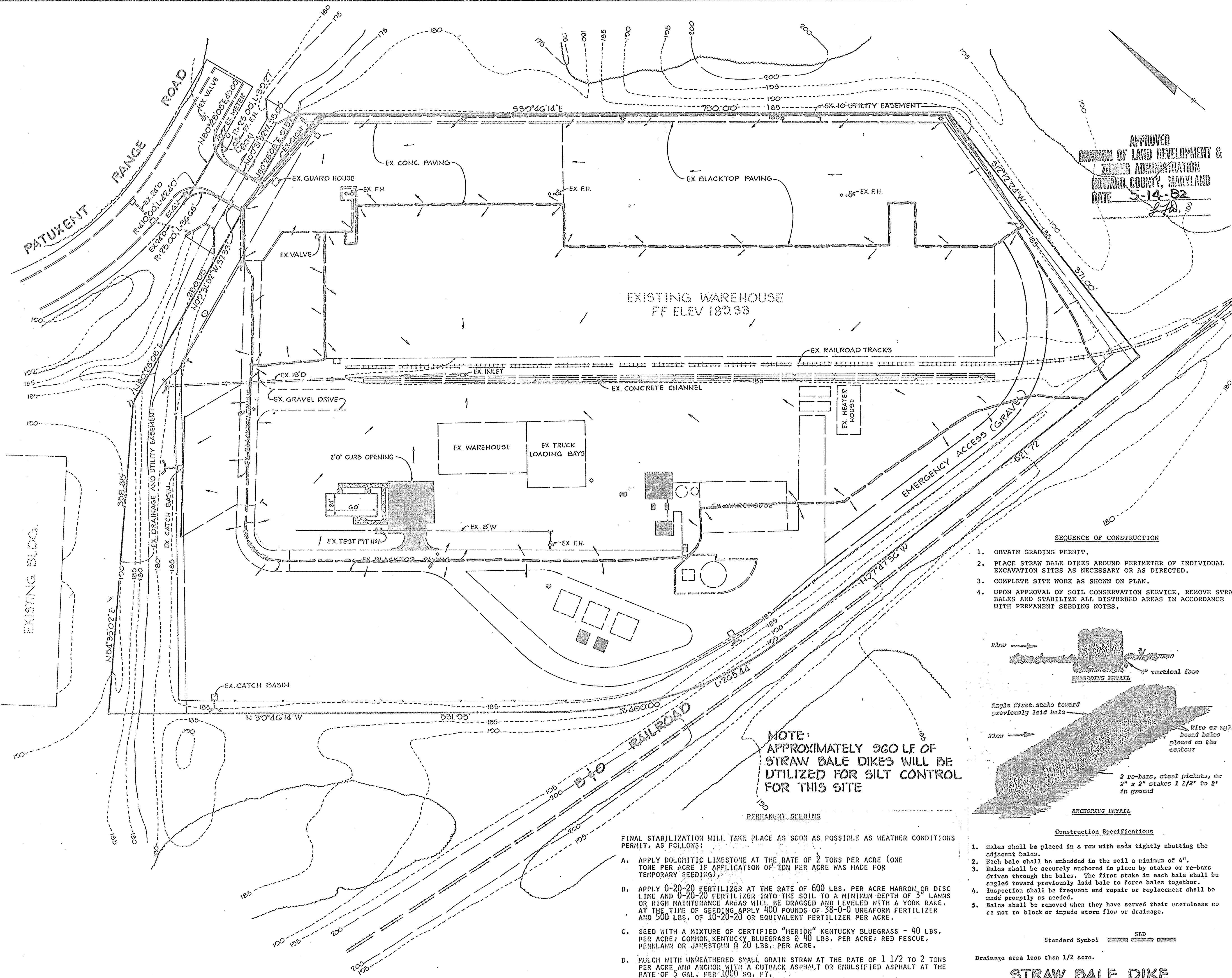
SCALE: AS SHOWN

DRAWING NO. **3** OF **4**



**SDP-82-129** AUGUST 13, 1982





APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 5-14-82  
*J. D. [Signature]*

BY THE DEVELOPER:  
 I HEREBY 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.  
*J. D. [Signature]* 5-7-82  
 SIGNATURE OF DEVELOPER DATE

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 IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
*James K. Tracy* 5-7-82  
 SIGNATURE OF ENGINEER DATE

REVIEWED FOR HOWARD COUNTY, MARYLAND AND MEETS TECHNICAL REQUIREMENTS  
*James M. Helmer* 8/19/82  
 U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
*William T. Rowe* 8-18-82  
 HOWARD S.C.D. DATE

APPROVED: FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
*[Signature]* 8-23-82  
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
*[Signature]* 8-24-82  
 PLANNING DIRECTOR, ZONING DATE

APPROVED: DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
*[Signature]* 8-24-82  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

APPROVED: FOR PUBLIC WATER, SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 8-19-82  
 DIRECTOR DATE

*[Signature]* 8-18-82  
 CHIEF, BUREAU OF ENGINEERING DATE

DATE NO REVISION

OWNER/DEVELOPER  
 TRUMBULL ASPHALT  
 8230 PATUXENT RANGE ROAD  
 JESSUP MARYLAND 20704

PROJECT: TRUMBULL ASPHALT PLANT REHABILITATION  
 6TH ELECTION DISTRICT HOWARD COUNTY MD TAX MAP 46  
 AREA: REVISED PLAT OF SECTION 2 PATUXENT PARK INDUSTRIAL AREA PARCEL A

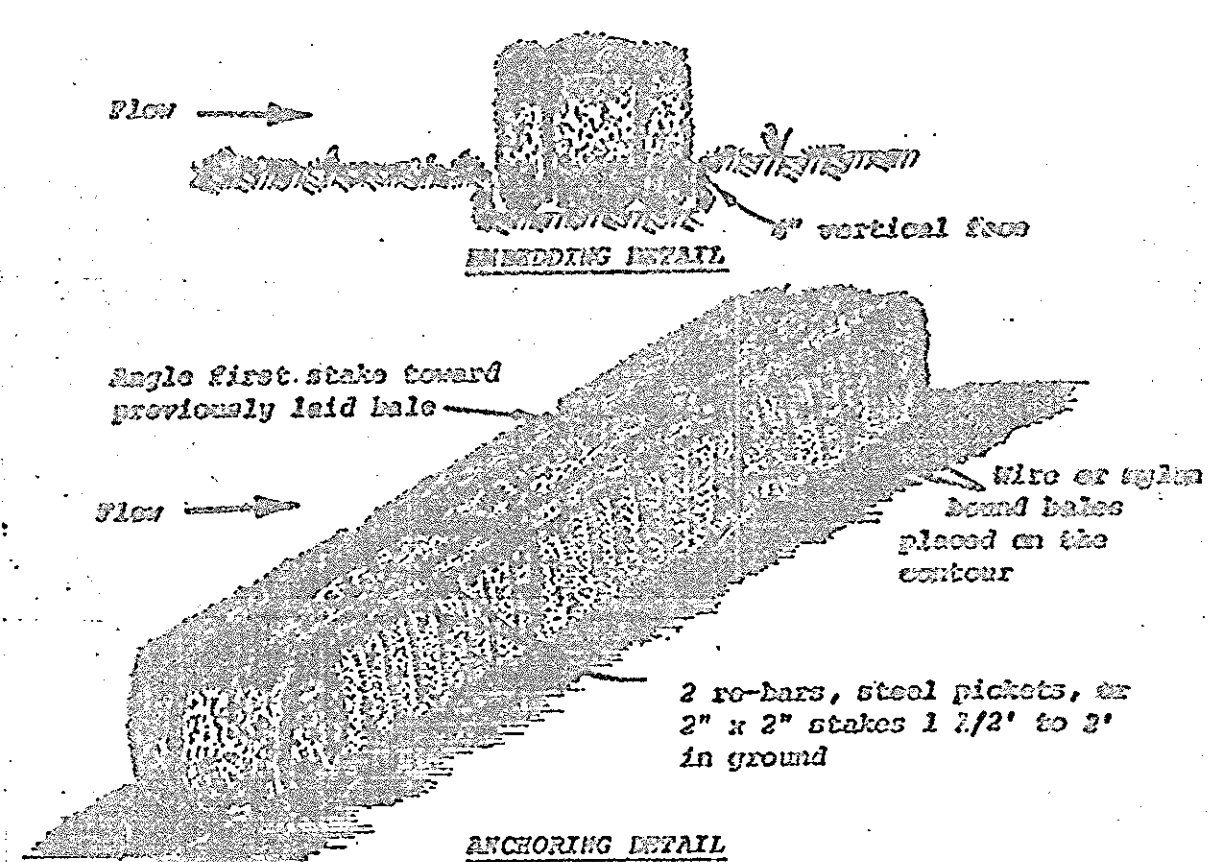
TITLE: DRAINAGE AREA MAP

**Riener-Tracy & Associates, Inc.**  
 8509 Baltimore National Pike  
 P.O. Box 100, Jessup, MD 20794  
 (301) 261-2600  
 Land Planning, Design & Engineering

5-7-82  
 DATE  
 DESIGNED BY JKT/RJW  
 DRAWN BY DAM  
 PROJECT NO: 2082  
 DATE: MAY 7, 1982  
 SCALE: 1" = 50'  
 DRAWING NO. 4 OF 4

*James K. Tracy*  
 PROFESSIONAL ENGR. NO. 9366

- SEQUENCE OF CONSTRUCTION
- OBTAIN GRADING PERMIT.
  - PLACE STRAW BALE DIKES AROUND PERIMETER OF INDIVIDUAL EXCAVATION SITES AS NECESSARY OR AS DIRECTED.
  - COMPLETE SITE WORK AS SHOWN ON PLAN.
  - UPON APPROVAL OF SOIL CONSERVATION SERVICE, REMOVE STRAW BALES AND STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES.



- Construction Specifications
- Bales shall be placed in a row with ends tightly abutting the adjacent bales.
  - Each bale shall be embedded in the soil a minimum of 4".
  - Bales shall be securely anchored in place by stakes or re-bars driven through the bales. The first stake in each bale shall be angled toward previously laid bales to force bales together.
  - Inspection shall be frequent and repair or replacement shall be made promptly as needed.
  - Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.

Standard Symbol SBD  
 Drainage area less than 1/2 acre.  
**STRAW BALE DIKE**  
 NO SCALE

NOTE:  
 APPROXIMATELY 960 LF OF STRAW BALE DIKES WILL BE UTILIZED FOR SILT CONTROL FOR THIS SITE

- FINAL STABILIZATION WILL TAKE PLACE AS SOON AS POSSIBLE AS WEATHER CONDITIONS PERMIT, AS FOLLOWS:
- APPLY DOLOMITIC LIMESTONE AT THE RATE OF 2 TONS PER ACRE (ONE TONE PER ACRE IF APPLICATION OF 40N PER ACRE WAS MADE FOR TEMPORARY SEEDING).
  - APPLY 0-20-20 FERTILIZER AT THE RATE OF 600 LBS. PER ACRE HARROW OR DISC LINE AND 0-20-20 FERTILIZER INTO THE SOIL TO A MINIMUM DEPTH OF 3" LAWNS OR HIGH MAINTENANCE AREAS WILL BE DRAGGED AND LEVELED WITH A YORK RAKE. AT THE TIME OF SEEDING, APPLY 400 POUNDS OF 38-0-0 UREAFORM FERTILIZER AND 500 LBS. OF 10-20-20 OR EQUIVALENT FERTILIZER PER ACRE.
  - SEED WITH A MIXTURE OF CERTIFIED "MERION" KENTUCKY BLUEGRASS - 40 LBS. PER ACRE; COMMON KENTUCKY BLUEGRASS @ 40 LBS. PER ACRE; RED FESCUE, PENNLANN OR JAMESTOWN @ 20 LBS. PER ACRE.
  - MULCH WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS PER ACRE AND ANCHOR WITH A CUTBACK ASPHALT OR EMULSIFIED ASPHALT AT THE RATE OF 5 GAL. PER 1000 SQ. FT.
  - SEED ALL SLOPES WITH A MIXTURE OF CERTIFIED KENTUCKY 31 TALL FESCUE @ 50 LBS. PER ACRE AND INOCULATED KOREAN LESPEDEZA @ 15 LBS. PER ACRE.