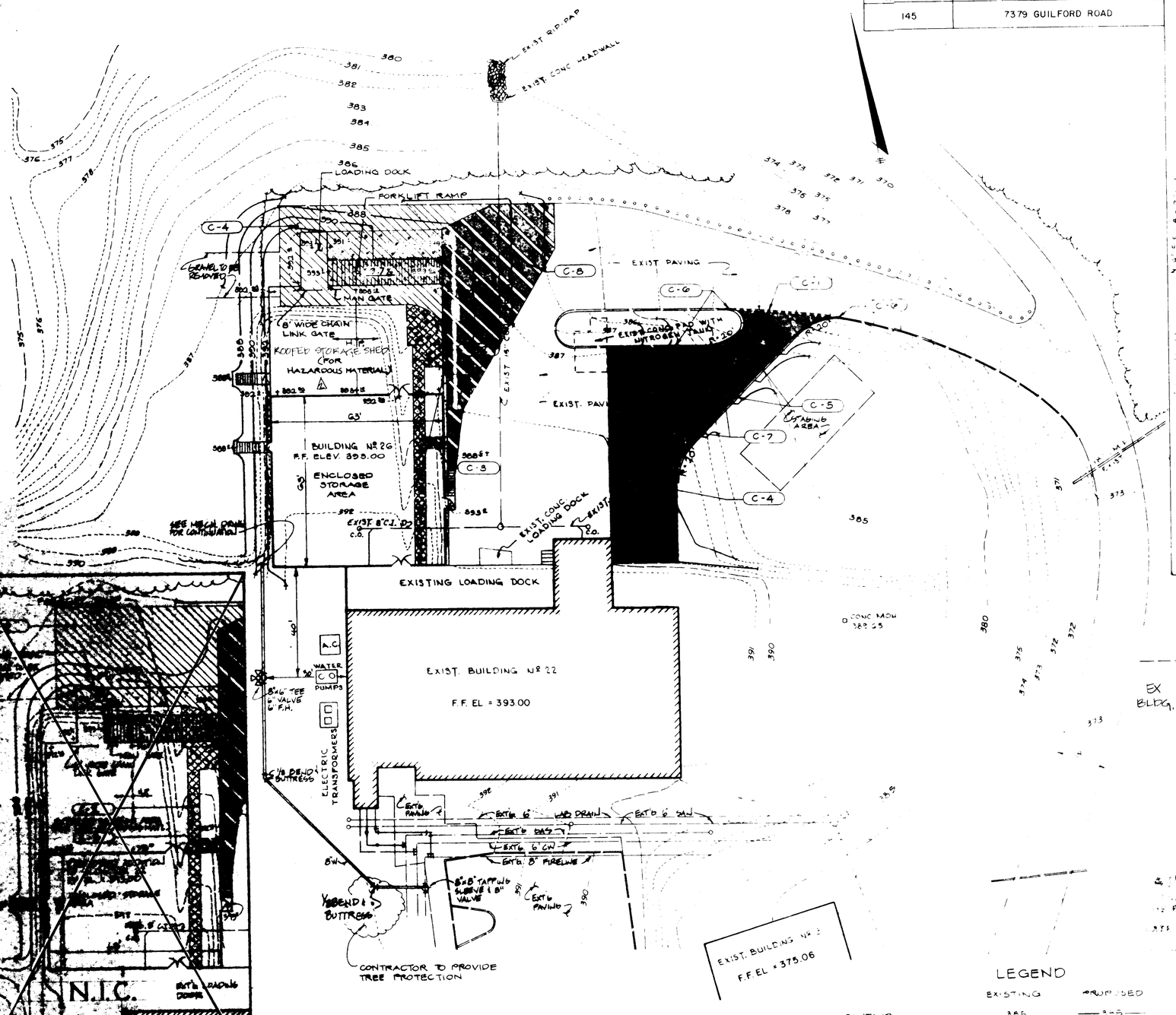
ADDRESS CHART	
PARCEL/LOT NUMBER	STREET ADDRESS
145	7379 GUILFORD ROAD



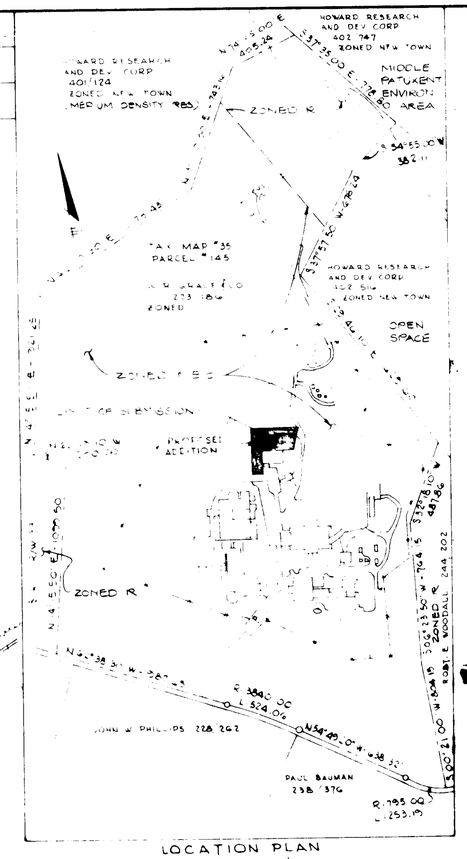
PLAN
SCALE 1" = 20'

NOTE: FINAL DEVELOPMENT PLAN - PEC - (PLAT #3054A-020 RECORDED JULY 29, 1987)
NOTE: APPLICABLE ZONING CASE FOR THIS SUBMISSION IS NO. 83-54E

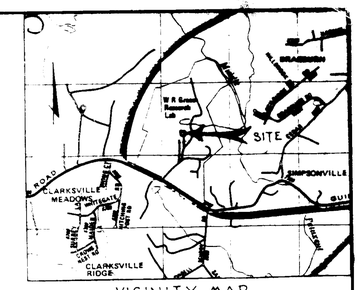
OTHER PLANNING AND ZONING CASES RELATED TO W.R. GRACE & CO. ARE: CASE NO. 1680, CASE NO. VP-81-83, CASE NO VP-82-31E, CASE NO 82-92, CASE NO. 83-50E

SITE ANALYSIS

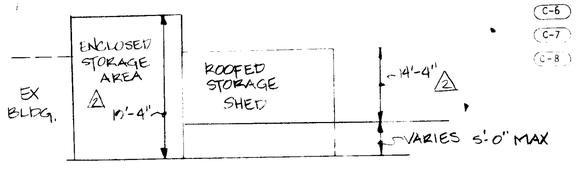
1. LOCATION: FIFTH ELECTION DISTRICT, HOWARD CO. TAX MAP 35 PARCEL 145
2. AREA OF PROPERTY = 147.41 AC
3. AREA OF SUBMISSION AREA = 0.6 AC.±
4. PRESENT ZONING: P.E.C. (SEE BOARD OF APPEALS NO. 212)
5. EXISTING PARKING SPACES = 469 STD. SPCS. & 8 H.C. SPCS.
6. PARKING SPACES PROPOSED = NONE (NO ADD. EMPLOYEES).
7. AREA OF OPEN AREAS = 40.66 AC± & IS 80% OF TOTAL SITE
8. PROPOSED USE: WAREHOUSE
9. EXISTING BUILDING COVERAGE = 302,156 SQ. FT. (4.69% OF SITE)
10. PROPOSED BUILDING COVERAGE = 306,125 SQ. FT. (4.7% OF SITE)
11. NUMBER OF EMPLOYEES 349. PARKING REQ'D (7 SPACES FOR 10 EMPLOYEES) = 385 PARKING SPACES



LOCATION PLAN
SCALE 1" = 400'



VICINITY MAP
SCALE 1" = 2000'



BUILDING PROFILE
NOT TO SCALE

GENERAL NOTES

1. PRIOR TO THE START OF ANY CONSTRUCTION THE CONTRACTOR SHALL STAKE OUT ALL BASELINES, AND CURBS, AND VERIFY OFFSETS AND SETBACKS.
2. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT TELEPHONE NO. 1-800-257-7777 AT LEAST 72 HOURS PRIOR TO STARTING EXCAVATION TO VERIFY LOCATIONS OF EXISTING UTILITIES.
3. ALL CONSTRUCTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH HOWARD COUNTY, DEPARTMENT OF PUBLIC WORK STANDARDS, SPECIFICATIONS AND REQUIREMENTS OF THE MSHA ENTRANCE PERMIT.
4. THE INFORMATION SHOWN ON THESE PLANS IS FOR THE CONVENIENCE OF THOSE CONCERNED ONLY, THE CORRECTNESS OR COMPLETENESS OF THE INFORMATION SHOWN IS NOT WARRANTED OR GUARANTEED. THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS OWN SATISFACTION.
5. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE AND ALL UNDERGROUND UTILITIES.
6. ALL DISTURBED AREAS NOT STABILIZED WITH PAVING, BUILDING, SODDING, OR MULCH IN PLANTING AREA SHALL BE SEEDED AND MULCHED.

CONSTRUCTION NOTES

- (C-1) REMOVE EXISTING CURB AND GUTTER.
- (C-2) REMOVE EXISTING CONCRETE SIDEWALK.
- (C-3) REMOVE EXISTING LOADING DOCK.
- (C-4) REMOVE EXISTING PAVING.
- (C-5) INSTALL NEW CONCRETE CURB AND GUTTER SEE DETAIL SD-3.
- (C-6) MEET EXISTING CURB.
- (C-7) INSTALL BITUMINOUS CONCRETE PAVING SEE DETAIL SD-3.
- (C-8) INSTALL BITUMINOUS CONCRETE OVERLAY.

SD-1

DATE	NO.	REVISION
12/7/87	3	RELABLE BUILDING & PROFILE
6/11/87	1	REVISED GRADE @ DOCK

W.R. GRACE & CO.
WASHINGTON RESEARCH CTR.
COLUMBIA, MARYLAND
BUILDING 26
ADDITION TO BUILDING NO. 22

TITLE: **SITE PLAN**
BUILDING AND STORAGE YARD ADDITIONS TO SDP-87-32

OWNER: W.R. GRACE & CO.
7379 GUILFORD ROAD
COLUMBIA, MD. 21044

ENGINEERS: WHITNEY, BAILEY, COX & MAGNANI
CONSULTING ENGINEERS
1880 YORK ROAD
TIMONIUM, MARYLAND 21093
301-252-8080

DATE: 6/17/87
DESIGNED: JLB
DRAWN: JLB
CHECKED: PD
PROJECT NO.: 86134
DATE: 6/17/87
SCALE: as shown
DRAWING NO.: [illegible]
PROFESSIONAL ENGR. NO. 4972

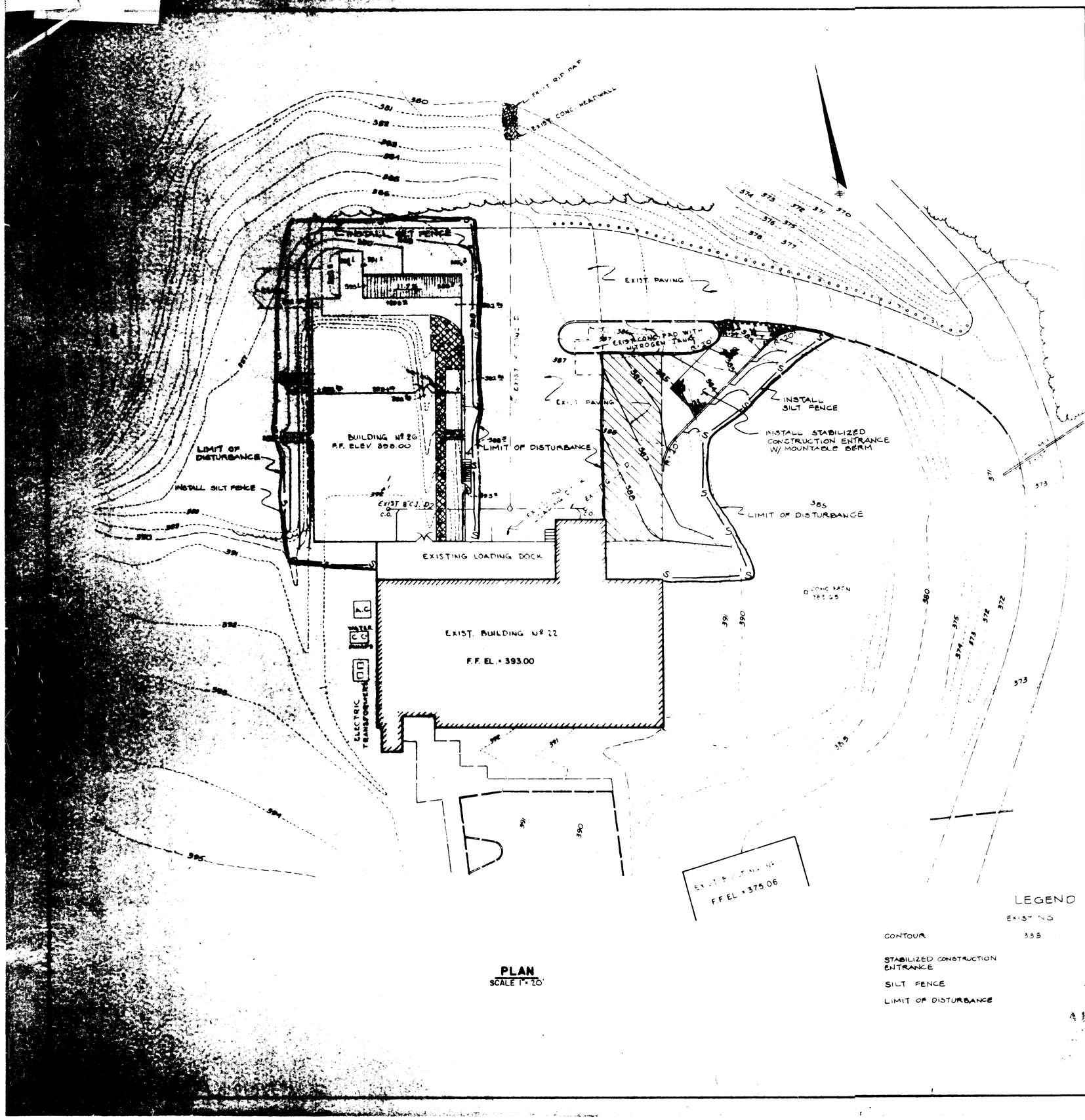
HOWARD COUNTY NAME	TEST AREA	LOT PARCEL #
ZONE	ZONE MAP	TAX ZONE MAP	ELEC. DIST.	CENSUS TR.
ACCT. NO.	SEWER TYPE	

APPROVED: FOR STORM DRAINAGE SYSTEMS AND WORK
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 9-14-87
CHIEF, BUREAU OF ENGINEERING — DATE 9-14-87

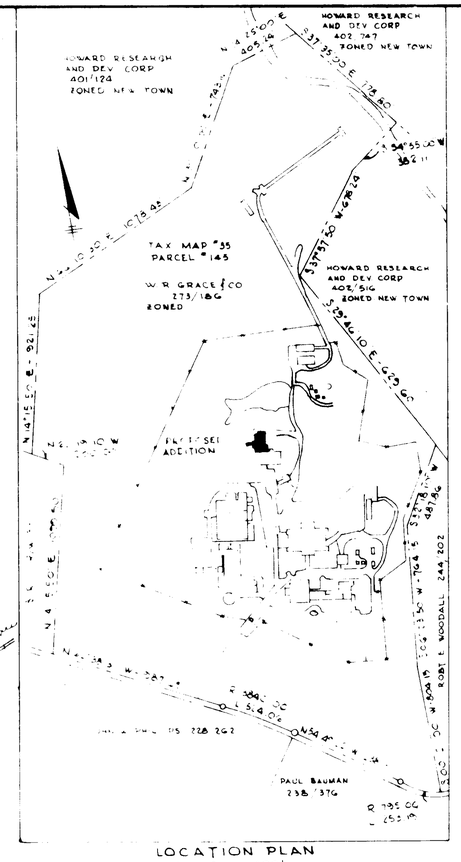
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
COUNTY HEALTH OFFICER — DATE 9-16-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR — DATE 9-18-87
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 9-18-87

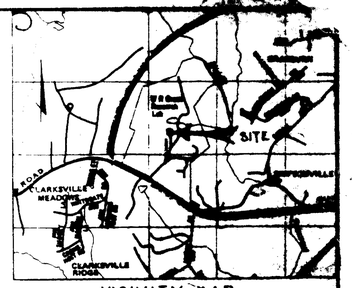
SDP-87-42



PLAN
SCALE 1" = 20'



LOCATION PLAN
SCALE 1" = 400'



VICINITY MAP
SCALE: 1" = 2000'

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

NAME — U.S. SOIL CONSERVATION SERVICE — DATE

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

HOWARD S.C.D. — DATE

SD-2

LEGEND

	EXISTING	PROPOSED
CONTOUR	385	385
STABILIZED CONSTRUCTION ENTRANCE		
SILT FENCE	S—S—S	
LIMIT OF DISTURBANCE		

APPROVED
6-10-87

BUSINESS NAME	SECT / AREA	LOT / PARCEL
W.R. GRACE		P 145

PLATE	BLOCK	ZONE	TAX / ZONE MAP	ELEC DIST	CENSUS TR
273/186	22	RURAL	35	6TH	6051.01

WATER CODE: N.A. — SEWER CODE: N.A.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF ENGINEERING — DATE 8-14-87

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT
HEALTH OFFICER — DATE 9-16-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR — DATE 9-18-87
ACTING CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 9-18-87

DATE	NO.	REVISION

W.R. GRACE & CO.
WASHINGTON RESEARCH CTR.
COLUMBIA, MARYLAND

BUILDING 26
ADDITION TO BUILDING NO.22

TITLE:
SEDIMENT CONTROL PLAN
"BUILDING AND STORAGE YARD ADDITIONS TO SDP-87-82"

OWNER: W.R. GRACE & CO.
7379 GUILFORD ROAD
COLUMBIA, MD. 21044

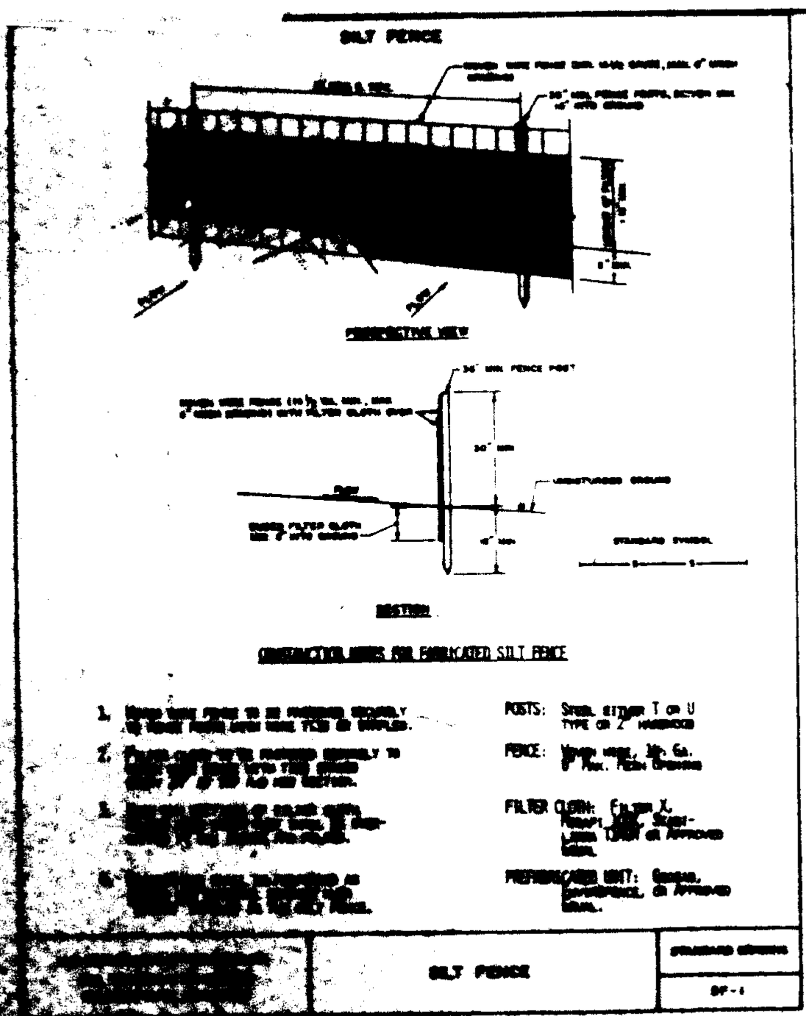
ENGINEERS:
WHITNEY, BAILEY, COX & MAGNANI
CONSULTING ENGINEERS
1880 YORK ROAD
TIMONIUM, MARYLAND 21093
301-252-5000

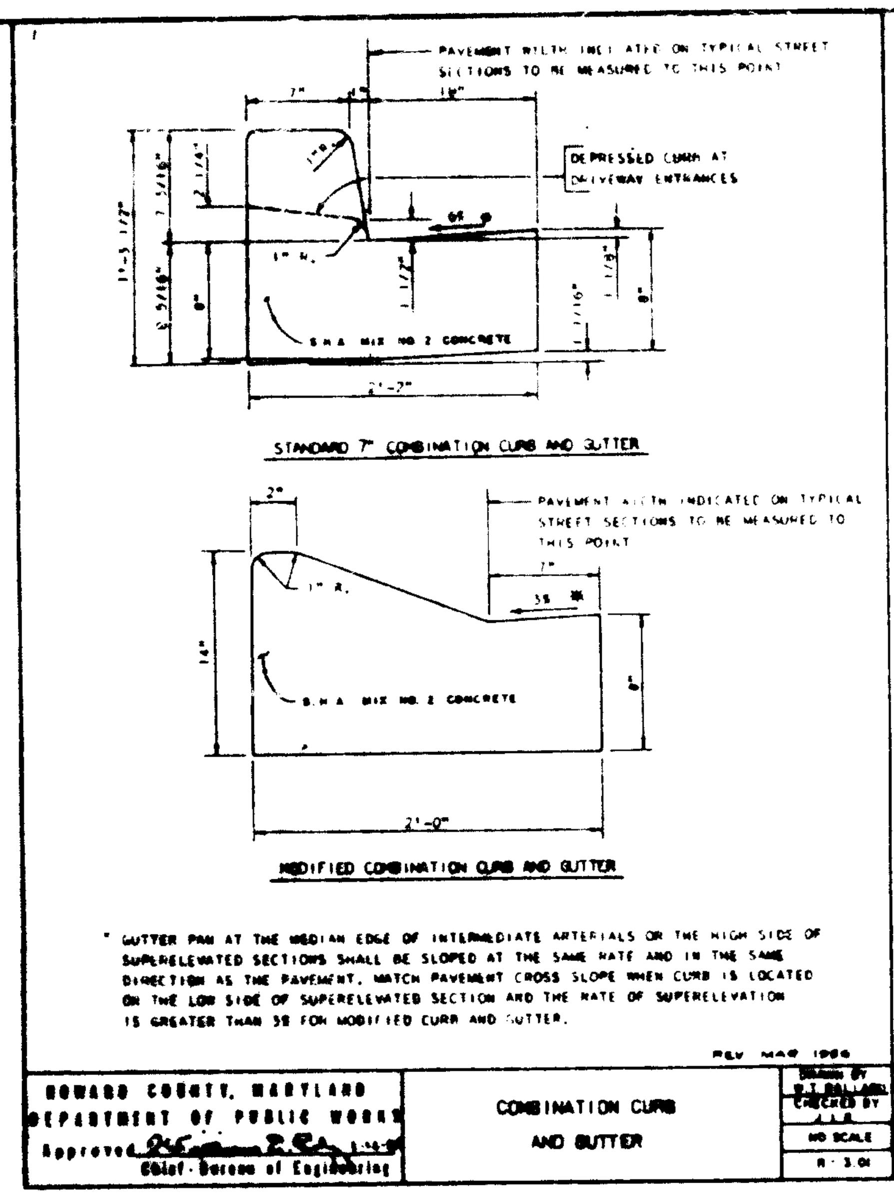
DATE: 6/17/87

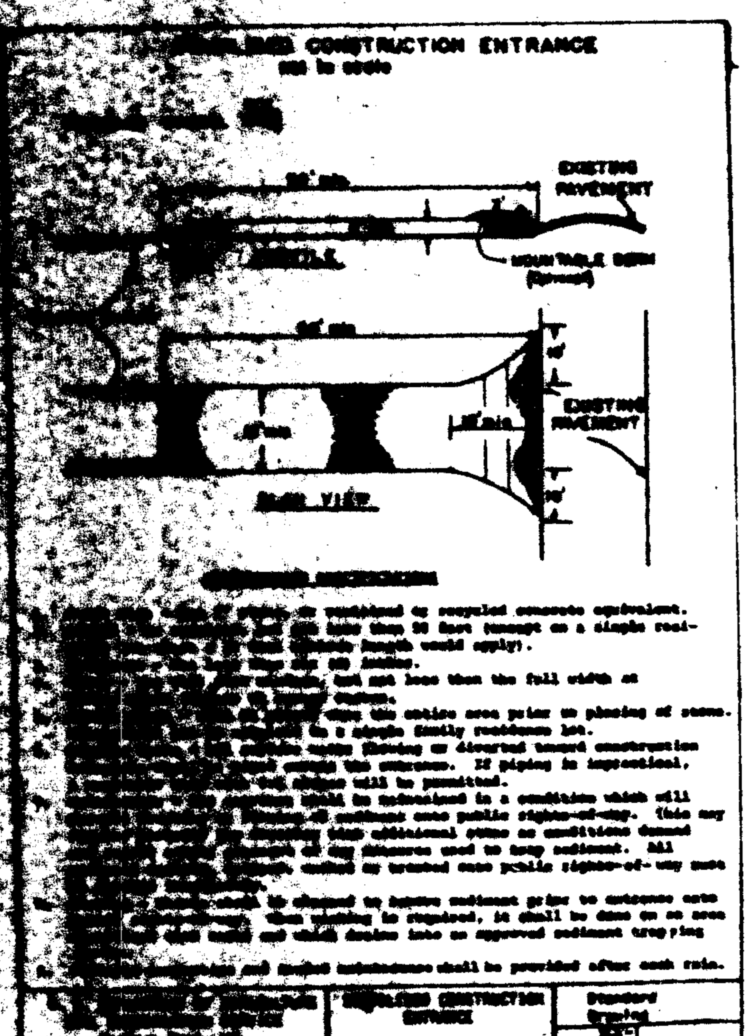
PROFESSIONAL ENGR. NO. #9772

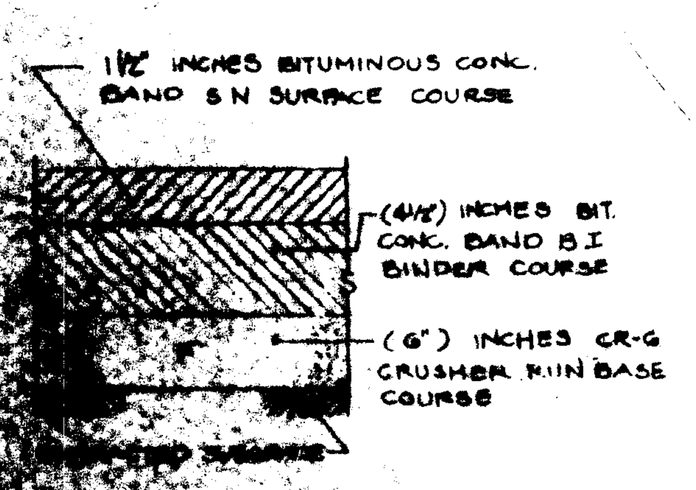
DESIGNED: JLB	
DRAWN: JLB	
CHECKED: PD	
PROJECT NO.: 86154	
DATE: 6/17/87	
SCALE: AS SHOWN	
DRAWING NO.	

SDP-87-42









TYPICAL PAVING SECTION

NOT TO SCALE

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING, OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

1. PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 38-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ. FT.).
2. ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30 AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE (1.4 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (.05 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOD. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE DISTURBED WHERE A SHORT TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.).

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AUGUST 15 THRU NOVEMBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.). FOR THE PERIOD OF MAY 1 THRU AUGUST 14, SEED WITH 3 LBS. OF WEEPING LOVEGRASS (.07 LBS/1000 SQ. FT.). FOR THE PERIOD OF NOVEMBER 16 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 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

SEQUENCE OF OPERATIONS

	TIME OF COMPLETION
1. NOTIFY THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS (992-2437) A MINIMUM OF 48 HOURS PRIOR TO ANY WORK.	2 DAYS
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE.	1 DAY
3. MINOR CLEARING AND GRADING FOR CONSTRUCTION OF SEDIMENT CONTROL MEASURES.	3 DAYS
4. INSTALL SILT FENCES. AFTER SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED AND STABILIZED THE CONTRACTOR SHALL INSPECT AND MAINTAIN ALL MEASURES ON A DAILY BASIS.	4 DAYS
5. CLEAR AND ROUGH GRADE REMAINDER OF SITE.	1 WEEK
6. ERECT BUILDING STRUCTURE.	2 MONTHS
7. SEED AND MULCH ALL DISTURBED AREAS OUTSIDE OF THE BUILDING AND PAVED AREAS, UNLESS DIRECTED OTHERWISE ON THE PLANS.	1 WEEK
8. WITH THE PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL MEASURES AND STABILIZE REMAINING AREAS.	

GENERAL NOTES

1. REFER TO "1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" FOR STANDARD DETAILS AND DETAILED SPECIFICATIONS OF EACH PRACTICE SPECIFIED HEREIN.
2. WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, MINOR FIELD ADJUSTMENTS CAN AND WILL BE MADE TO INSURE THE CONTROL OF ANY SEDIMENT. CHANGES IN SEDIMENT CONTROL PRACTICES REQUIRE PRIOR APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
3. AT THE END OF EACH WORKING DAY, ALL SEDIMENT CONTROL PRACTICES WILL BE INSPECTED AND LEFT IN OPERATIONAL CONDITION.
4. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) SEVEN CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND B) FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
5. ANY CHANGE TO THE GRADING PROPOSED ON THIS PLAN REQUIRES RESUBMISSION TO HOWARD COUNTY SOIL CONSERVATION DISTRICT FOR APPROVAL.
6. DUST CONTROL WILL BE PROVIDED FOR ALL DISTURBED AREAS. REFER TO 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL PAGE 62.01 AND 62.02 FOR ACCEPTABLE METHODS AND SPECIFICATIONS FOR DUST CONTROL.
7. ANY VARIATION FROM THE SEQUENCE OF OPERATIONS STATED ON THIS PLAN REQUIRES THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE HOWARD COUNTY SOIL CONSERVATION DISTRICT PRIOR TO THE INITIATION OF THE CHANGE.

OWNERS/DEVELOPERS CERTIFICATION

I/WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATION OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

[signature] — SIGNATURE OWNER/DEVELOPER — C.B. BAYLES — PRINT NAME — 5/1/87 — DATE

7379 GUILFORD RD
COLUMBIA, MD. 21044
ADDRESS

301-531-4240
PHONE

RESPONSIBLE PERSONNEL CERTIFICATION

I/WE HEREBY CERTIFY 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 EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT.

[signature] — DEVELOPER'S NAME AND TITLE (SIGNATURE) — 5/1/87 — DATE

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL, WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY EROSION AND SEDIMENT CONTROL SECTION.

[signature] 4/30/87 — SIGNATURE — DATE — PLEASE PRINT NAME

ADDRESS — PHONE

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

[signature] — U.S. SOIL CONSERVATION SERVICE — 8-10-87 — DATE

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

HOWARD S.C.D. — DATE

SD-3

SUBDIVISION NAME: W.R. GRACE	SECTION/AREA	PARCEL: 145
PLAT: 1756	BLOCK: 22	ZONE: RURAL
TAX ZONE MAP: 36	ELECT. DIST: 5TH	CENSUS TR: 6053.01
WATER CODE: N/A	SEWER CODE: N/A	

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

DIRECTOR — DATE

[signature] — CHIEF, BUREAU OF ENGINEERING — 8-14-87 — DATE

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[signature] — COUNTY HEALTH OFFICER — 9-16-87 — DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

[signature] — PLANNING DIRECTOR — 9-18-87 — DATE

ACTING [signature] — CHIEF, DIVISION OF LAND DEVELOPMENT — 9-18-87 — DATE

6-10-87

DATE	NO.	REVISION

W.R. GRACE & CO.
WASHINGTON RESEARCH CTR.
COLUMBIA, MARYLAND
BUILDING 26
ADDITION TO BUILDING NO.22

TITLE:
NOTES AND DETAILS
BUILDING AND STORAGE YARD ADDITIONS TO SDP-8?-3?

OWNER: W.R. GRACE & CO.
7379 GUILFORD ROAD
COLUMBIA, MD. 21044

ENGINEERS: WHITNEY, BAILEY, COX & MAGNANI
CONSULTING ENGINEERS
1550 YORK ROAD
TIMONIUM, MARYLAND 21093

DATE: 6/17/87

[signature]

#9972
PROFESSIONAL ENGR NO

DESIGNED:	JLB
DRAWN:	JLB
CHECKED:	PD
PROJECT NO.:	86154
DATE:	6/17/87
SCALE:	AS SHOWN
DRAWING NO.	3 OF 3

SDP-87-42