

VICINITY MAP
SCALE: 1" = 2000'

- SITE ANALYSIS**
1. LOCATION: FIFTH ELECTION, HOWARD COUNTY, MARYLAND TAX MAP 35, PARCEL 145.
 2. AREA OF PROPERTY: 147.4 AC. (PEC ZONED - 134.22 AC. + R ZONED - 13.18 AC)
 3. LIMIT OF SUBMISSION AREA: 0.35 AC.
 4. EXISTING PARKING SPACES: 499 EMPLOYEE P.S., 34 VISITOR P.S., 3 HANDICAPPED PARKING SPACES; TOTAL P.S. = 536
 5. PARKING SPACES PROPOSED: NONE.
 6. AREA OF OPEN SPACES: 40.66 AC OR 30% OF PEC ZONED PORTION OF THE SITE.
 7. PROPOSED USE: WAREHOUSE.
 8. EXISTING BUILDING COVERAGE - 308,783 SF OR 4.8% PROPOSED BUILDING COVERAGE - 315,588 OR 4.9%.
 9. PLANNING AND ZONING CASES RELATED TO W.R. GRACE & COMPANY ARE: PB CASE NO. 168 C, VP 82-92, BA CASE NO. 83-50 E, BA CASE NO. 83-54 E, PB CASE NO. 212, VP 84-32, VP 84-70, S-87-36.
 10. PRESENT ZONING: PEC, FDP-PEC-1, PLAT NO. 3054 A 920 THRU 3054 A-926 RECORDED ON JULY 29, 1987.
 11. EXISTING NUMBER OF EMPLOYEES - 561; NEW EMPLOYEE - 0.

LEGEND

	EXISTING	PROPOSED
BUILDING	[Symbol]	[Symbol]
BITUMINOUS PAVING	[Symbol]	[Symbol]
CONCRETE PAVING	[Symbol]	[Symbol]
CURB & GUTTER	[Symbol]	[Symbol]
STORM DRAIN	[Symbol]	[Symbol]
WATER MAIN	[Symbol]	[Symbol]
UTILITY TRENCH REPAIR	[Symbol]	[Symbol]
CONTOURS	[Symbol]	[Symbol]
SPOT ELEVATION		+ 417.90

ADDRESS CHART

LOT NUMBER		STREET ADDRESS	
P 145		7379 GUILFORD ROAD	
SUBDIVISION NAME		SECT./AREA	LOT
W.R. GRACE & CO.		-	P 145
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE MAP
273/186	22	P.E.C.	35
WATER CODE		SEWER CODE	
NA		6440000	
APPROVED FOR PRIVATE WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS			
[Signature]		3/9/90	
DIRECTOR		DATE	
[Signature]		3-29-90	
CHIEF, BUREAU OF ENGINEERING		DATE	
APPROVED FOR PRIVATE WATER AND PUBLIC SEWER SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT			
[Signature]		3-20-90	
COUNTY HEALTH OFFICER		DATE	
APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING			
[Signature]		4-3-90	
PLANNING DIRECTOR		DATE	
[Signature]		4/25/90	
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT		DATE	

NOTE: NO SANITARY SEWER CONNECTION WILL BE PROVIDED TO THE PROP. WAREHOUSE.

DEMOLITION NOTES
D-1 REMOVE BLK WALL
D-2 REMOVE CONC. SLAB

NOTE: W.R. GRACE & CO. SITE HAD TWO(2) EXISTING SWM PONDS; ONE WAS CONSTRUCTED UNDER 99P-87-32 AND THE OTHER WAS CONSTRUCTED FOR FIRE PROTECTION.

BECK POWELL & PARSONS
Architecture - Planning - Interior Design

2204 Maryland Avenue
Baltimore, Maryland 21218
(301) 235-9500

WHITNEY BAILEY COX MAGNANI Consulting Engineers
1850 York Road
Timonium, Maryland 21093
301-252-6660

REVISIONS

NO.	DATE	DESCRIPTION

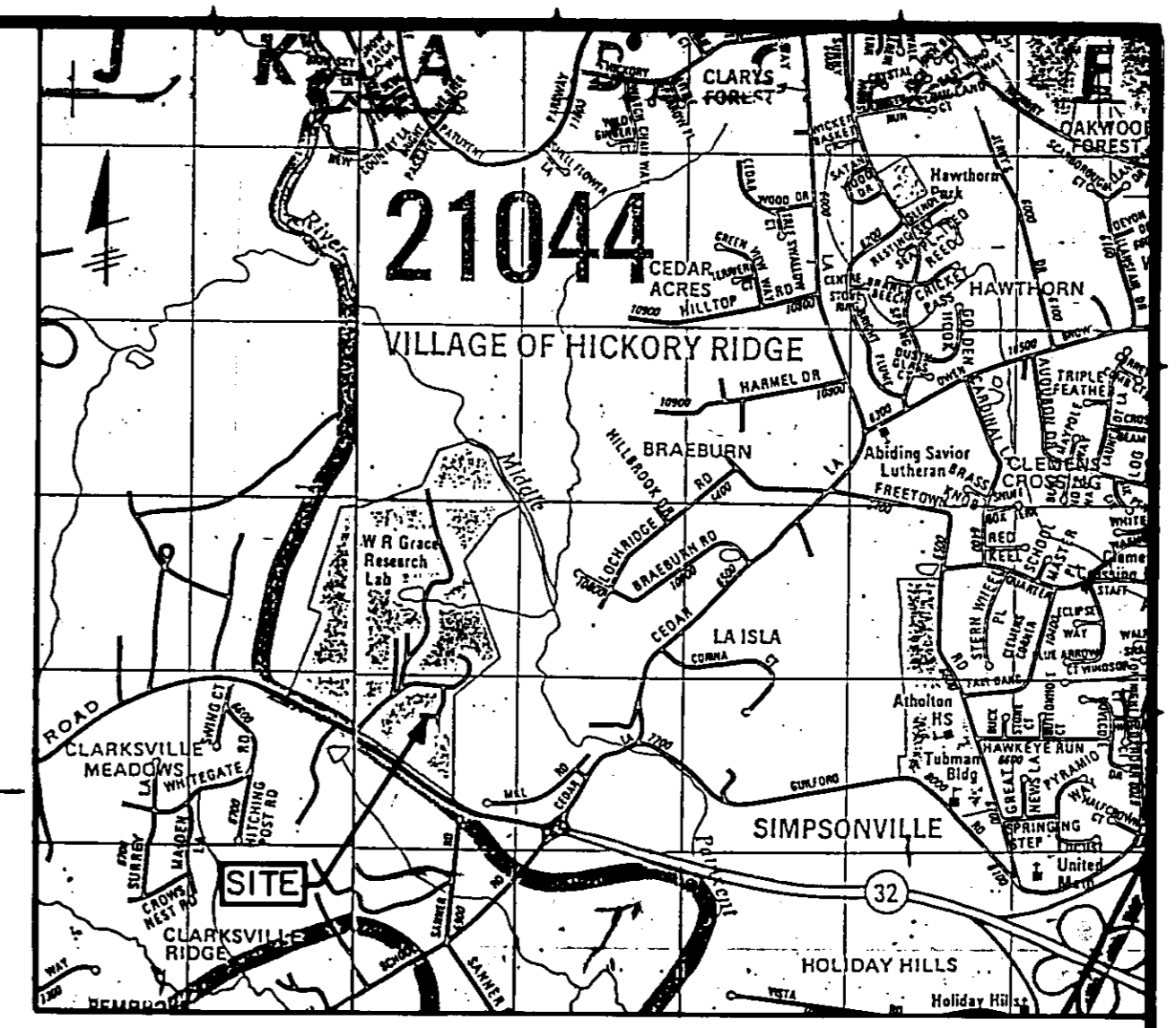
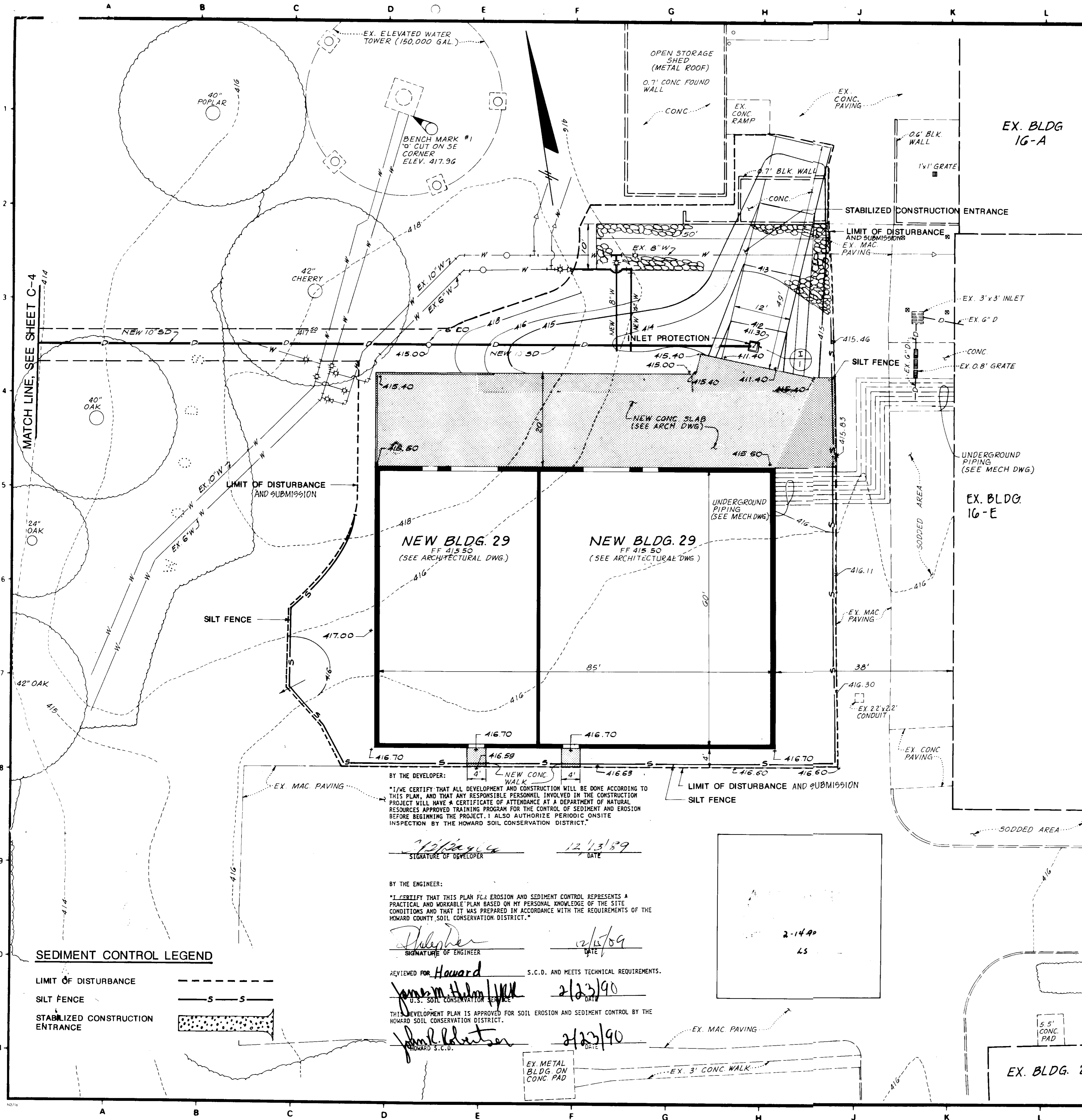
BUILDING 29 WAREHOUSE
W.R. GRACE & CO.

5TH ELECTION DISTRICT
HOWARD COUNTY,
MARYLAND

TAX MAP NO 35
PARCEL NO. 145

SITE PLAN

DESIGNED	ATR	JOB NO.	ER 954 8919107
DRAWN	GSB	SCALE	1" = 10'
CHECKED	PD	DATE	11/6/89
FIRM	WBC/M	DRAWING	1 OF 4
			C-1



VICINITY MAP
SCALE: 1" = 2000'
SITE ANALYSIS

LEGEND

	EXISTING	PROPOSED
BUILDING	[Symbol]	[Symbol]
BITUMINOUS PAVING	[Symbol]	[Symbol]
CONCRETE PAVING	[Symbol]	[Symbol]
CURB & GUTTER	[Symbol]	[Symbol]
STORM DRAIN	[Symbol]	[Symbol]
WATER MAIN	[Symbol]	[Symbol]
UTILITY TRENCH REPAIR	[Symbol]	[Symbol]
CONTOURS	[Symbol]	[Symbol]
SPOT ELEVATION		+ 417.90

ADDRESS CHART					
LOT NUMBER	STREET ADDRESS				
P 145	7379 GUILFORD ROAD				
SUBDIVISION NAME	SECT./AREA LOT				
W.R. GRACE & CO.	- P 145				
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
273/186	22	P.E.C.	35	5TH	6053.01
WATER CODE	SEWER CODE				
NA	6440000				
APPROVED FOR PRIVATE WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS					
[Signature]		3/9/90			
DIRECTOR		DATE			
[Signature]		3-3-94			
CHIEF, BUREAU OF ENGINEERING		DATE			
APPROVED FOR PRIVATE WATER AND PUBLIC SEWER SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT					
[Signature]		3-20-90			
COUNTY HEALTH OFFICER		DATE			
APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING					
[Signature]		4.3.90			
PLANNING DIRECTOR		DATE			
[Signature]		12/23/90			
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT		DATE			

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1850 York Road
Timonium, Maryland 21093
301-252-6060

SEAL
Intepider
12/1/89

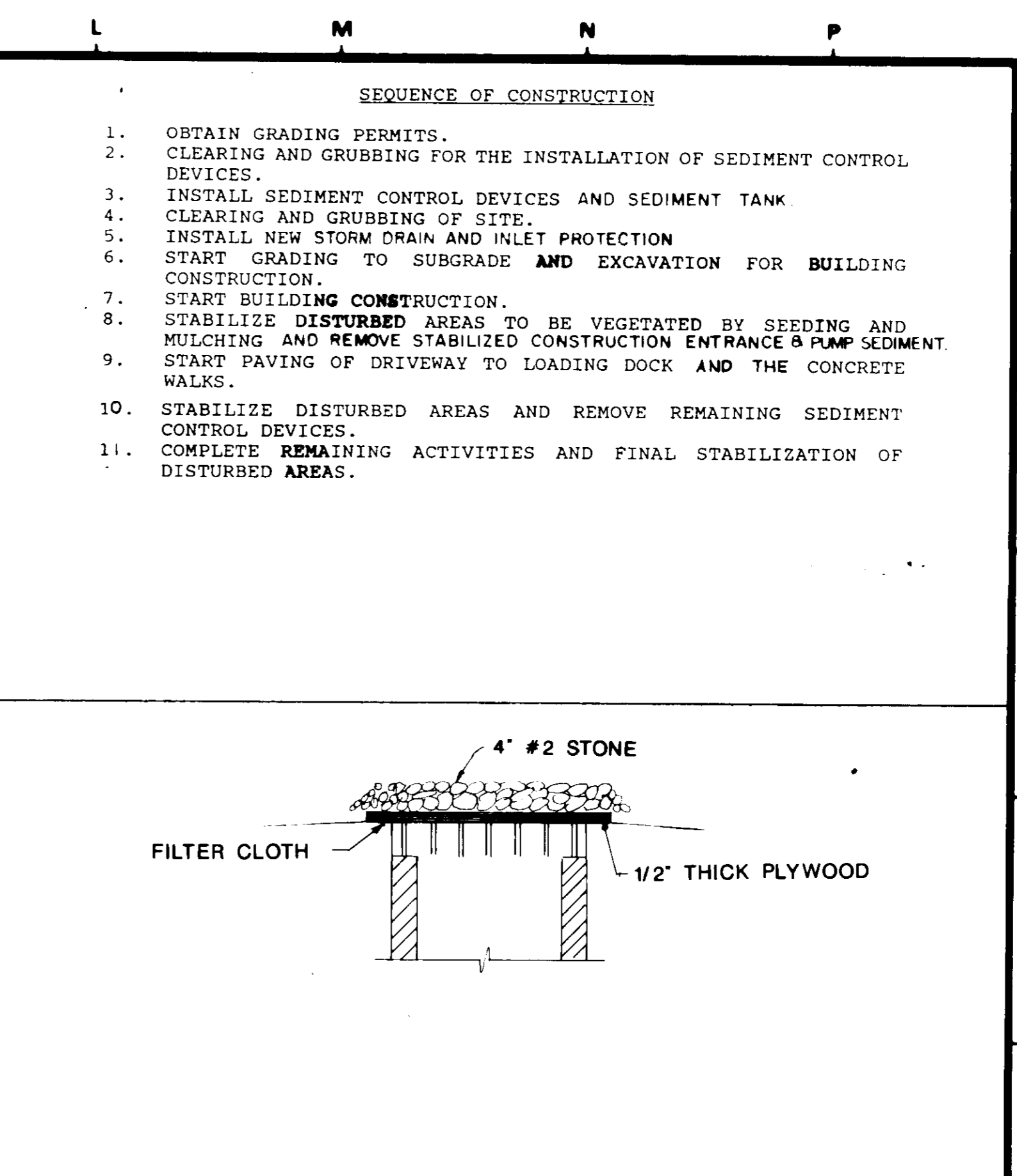
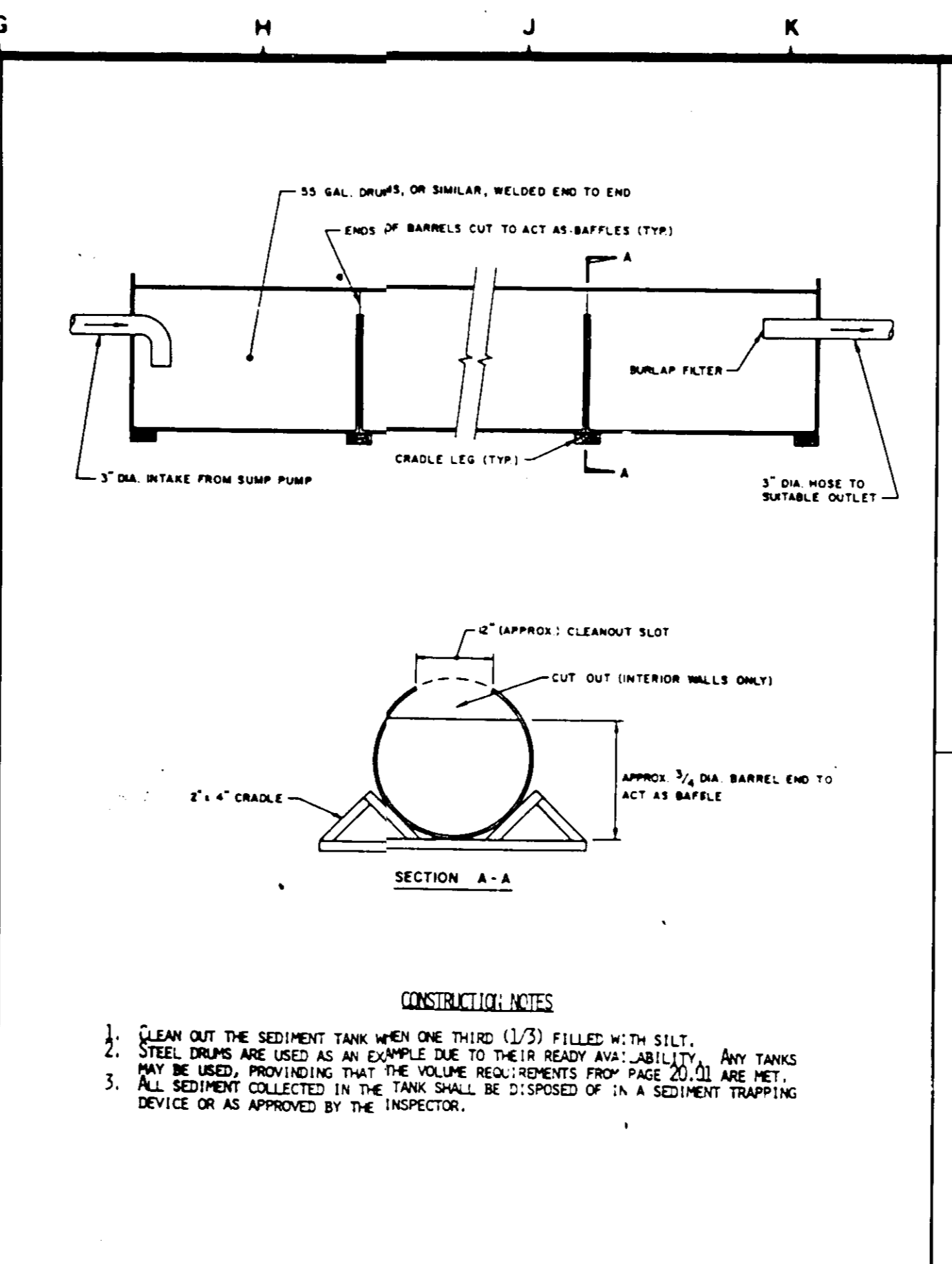
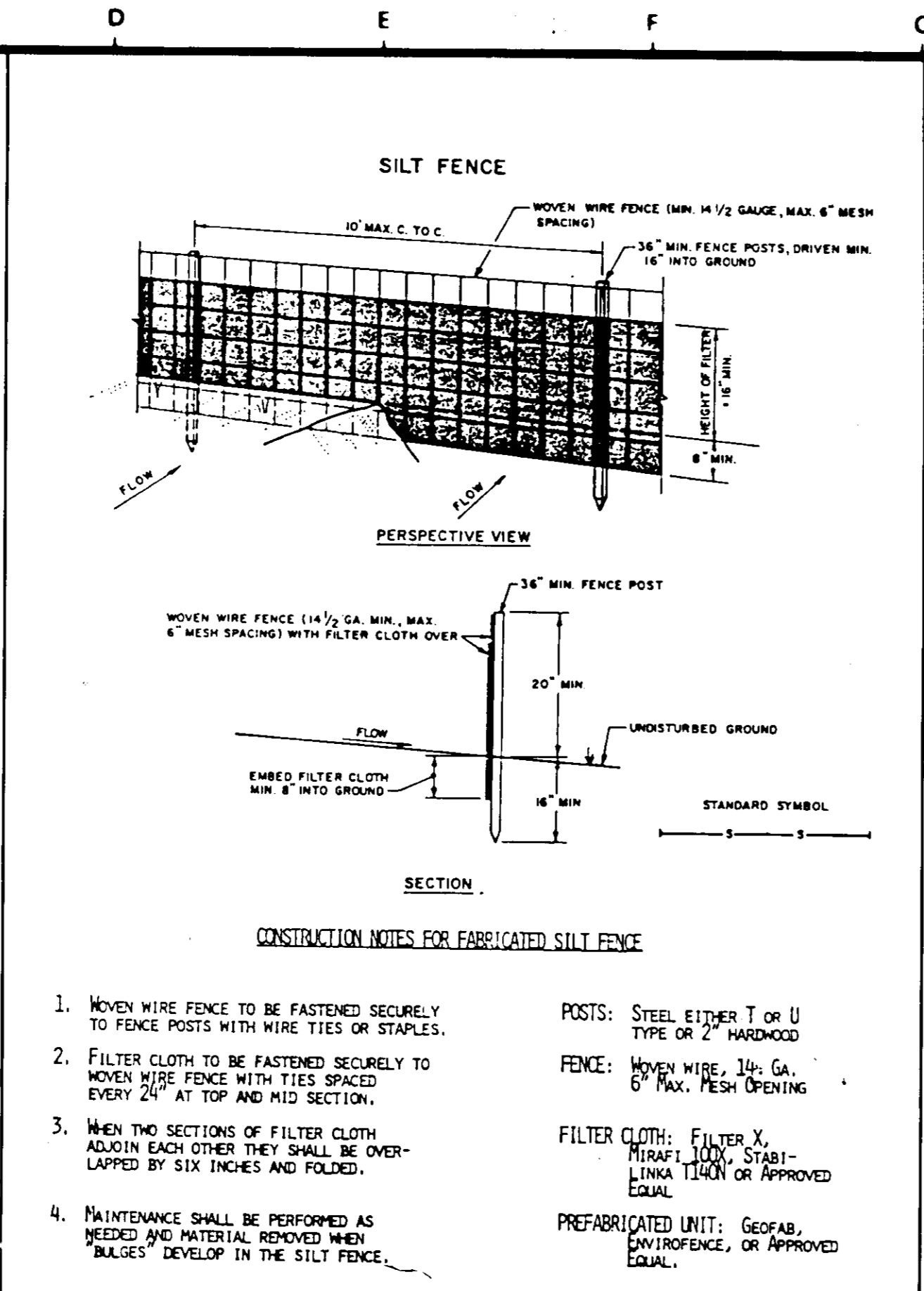
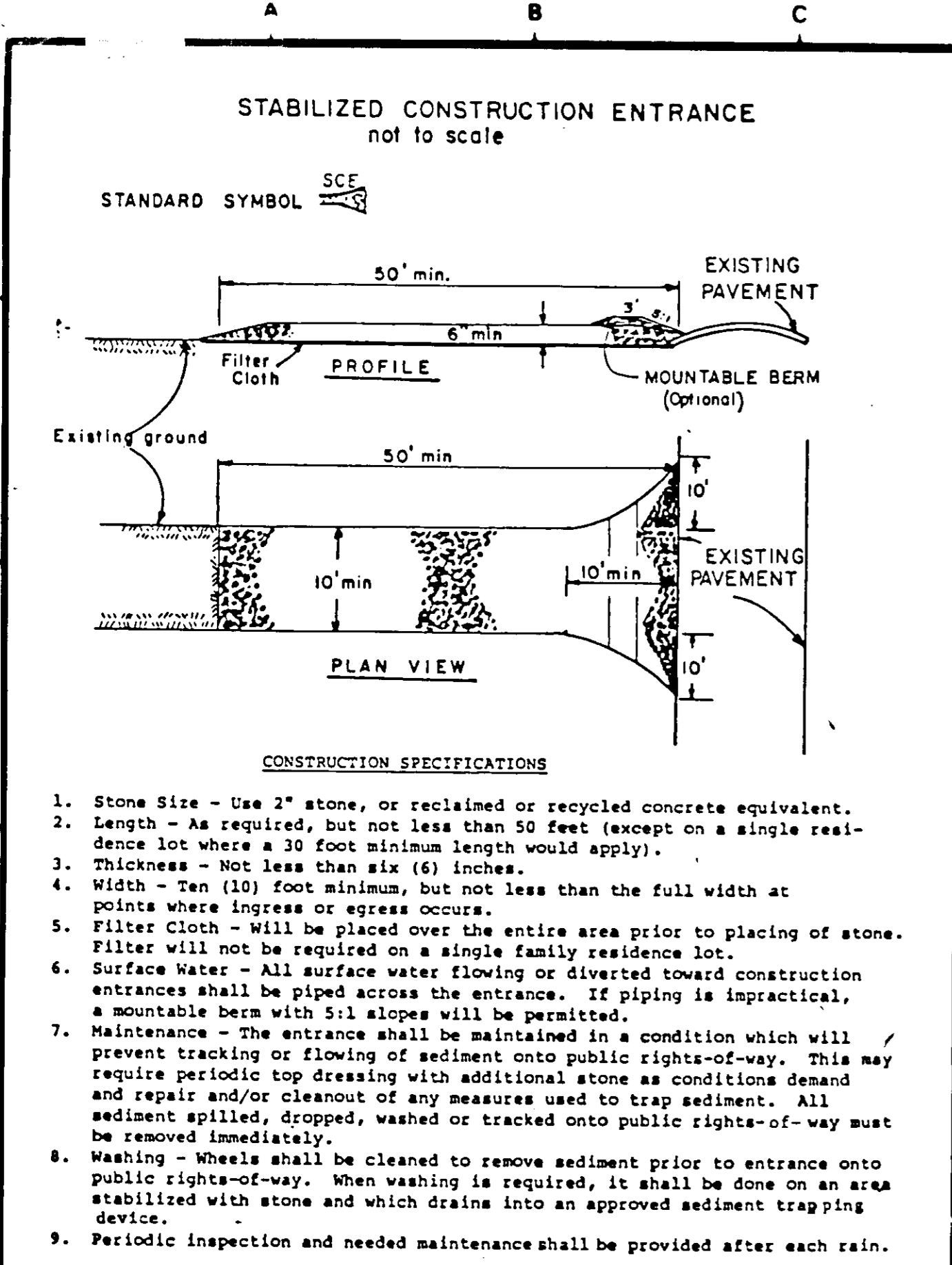
REVISIONS		
NO.	DATE	DESCRIPTION

**BUILDING 29
WAREHOUSE
W.R. GRACE & CO.**
5TH ELECTION DISTRICT
HOWARD COUNTY,
MARYLAND

TAX MAP NO. 35
PARCEL NO. 145

**GRADING PLAN
AND
SEDIMENT CONTROL PLAN**

DESIGNED	ATR	JOB NO.	ER 954 8919107
DRAWN	GSB	SCALE	1" = 10'
CHECKED	PD	DATE	11/6/89
FIRM	WBCM	DRAWING	2 OF 4
			C-2



STABILIZED CONSTRUCTION ENTRANCE

SILT FENCE

SEDIMENT TANK DETAIL

INLET PROTECTION DETAIL

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, disking or other acceptable means before seeding, if not previously loosened.

Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:

- Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square 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 30-0-0 ureaform fertilizer (9 lbs/1000 sq ft).
- 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 15 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.

Maintenance - Inspect all seeded areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

Soil Amendments: Apply 600 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 15, seed with 2 1/2 bushel per acre of annual rye (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period 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 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes, 8 ft or higher, use 348 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 rate and methods not covered.

SEDIMENT CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection 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 redistribution, permanent or temporary stabilization shall be completed within:
 - 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1.
 - 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 posted 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) sod (Sec. 54), temporary seeding (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.
- 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.
- Site Analysis:

Total Area of Site	147.4 Acres
Area Disturbed	0.33 Acres
Area to be roofed or paved	0.16 Acres
Area to be vegetatively stabilized	0.17 Acres
Total Cut	330 Cu. Yds.
Total Fill	250 Cu. Yds.
Office waste/borrow area location	NOT KNOWN
- 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 DPW sediment control inspector.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

BY THE DEVELOPER:

[Signature]
SIGNATURE OF DEVELOPER

1-27-89
DATE

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 SOIL CONSERVATION DISTRICT."

[Signature]
SIGNATURE OF ENGINEER

2/23/90
DATE

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

[Signature]
U.S. SOIL CONSERVATION SERVICE

2/23/90
DATE

[Signature]
HOWARD S.C.D.

2/23/90
DATE

APPROVED
2-14-90
45

WATER PROFILES

SCALE: HORIZ. 1"=20' VERT. 1"=2'

CONNECT TO 6"x4" REDUCE
EX. INV. 413.6 ±
NEW 8" W. INV. 409.0

VALVE BOX W/P.I.
10" x 8" T.S. & 8" V.
EX. INV. 411.6 ±
NEW 8" W. INV. 409.0

SEE MECH. DWG. FOR CONTINUATION

SEE 410 MECH. DWG. FOR CONTINUATION

ADDRESS CHART

LOT NUMBER		STREET ADDRESS	
P 145		7379 GUILFORD ROAD	
SUBDIVISION NAME		SECT./AREA	LOT
W.R. GRACE & CO.			P 145
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE MAP
273/186	22	P.E.C.	35
WATER CODE		ELEC. DIST.	CENSUS TR.
NA		5TH	6053.01
SEWER CODE		6440000	
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<i>[Signature]</i> DIRECTOR		3/9/90 DATE	
APPROVED FOR PRIVATE WATER AND PUBLIC SEWER SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT			
<i>[Signature]</i> COUNTY HEALTH OFFICER		3-20-90 DATE	
APPROVED-HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING			
<i>[Signature]</i> PLANNING DIRECTOR		7-2-90 DATE	
APPROVED-HOWARD COUNTY DEPARTMENT OF COMMUNITY PLANNING AND LAND DEVELOPMENT			
<i>[Signature]</i> CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT		4/20/90 DATE	

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MAGNANI 301-252-6060

SEAL
[Signature]
12/1/89

REVISIONS		
NO.	DATE	DESCRIPTION

BUILDING 29 WAREHOUSE
W.R. GRACE & CO.

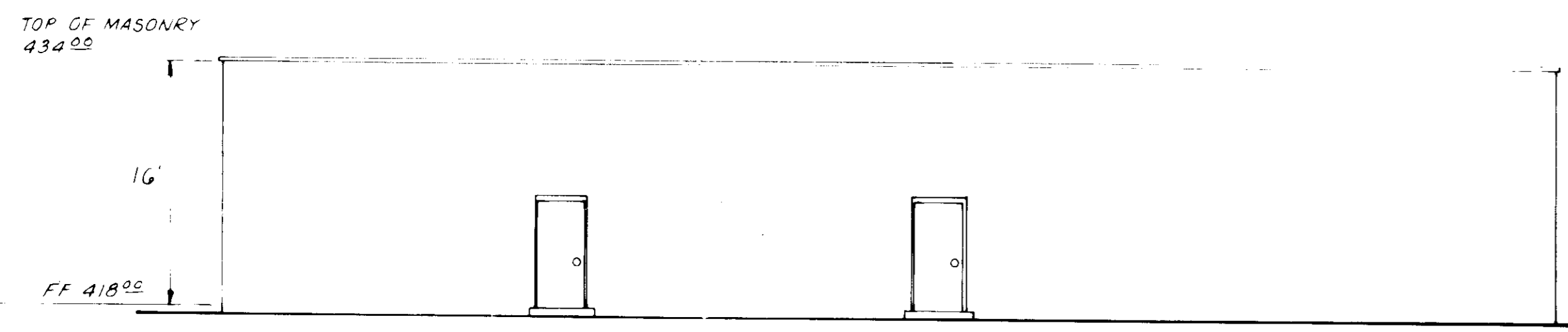
5TH ELECTION DISTRICT
HOWARD COUNTY,
MARYLAND

TAX MAP NO. 35
PARCEL NO. 145

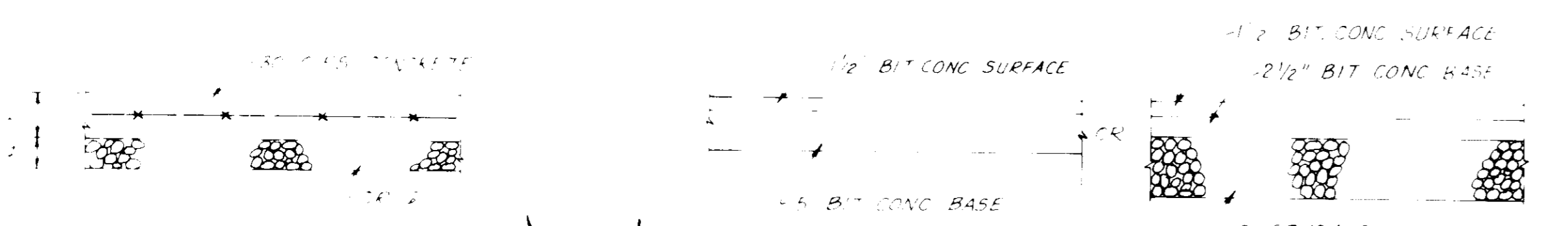
SEDIMENT CONTROL DETAILS

DESIGNED	ATR	JOB NO.	ER 954 B919107
DRAWN	GSB	SCALE	AS SHOWN
CHECKED	PD	DATE	11/6/89
FIRM	WBCM	DRAWING	3 OF 4
			C-3

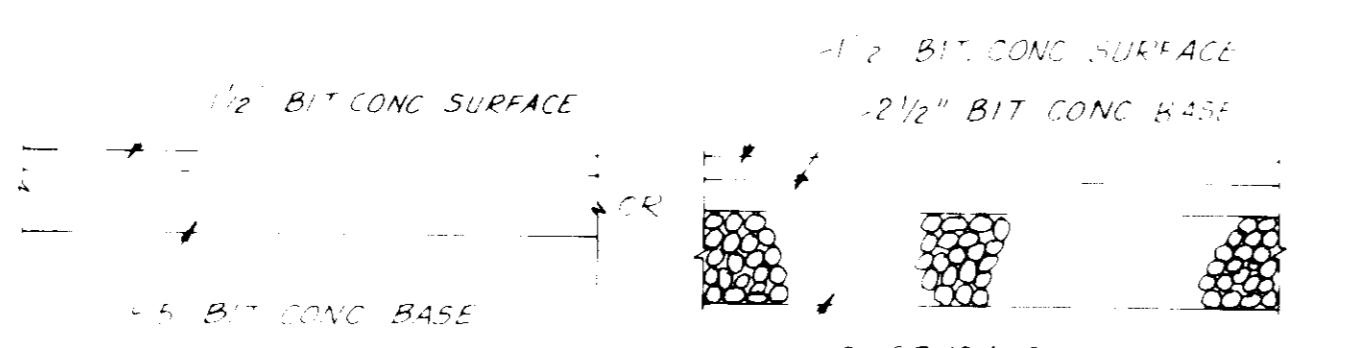
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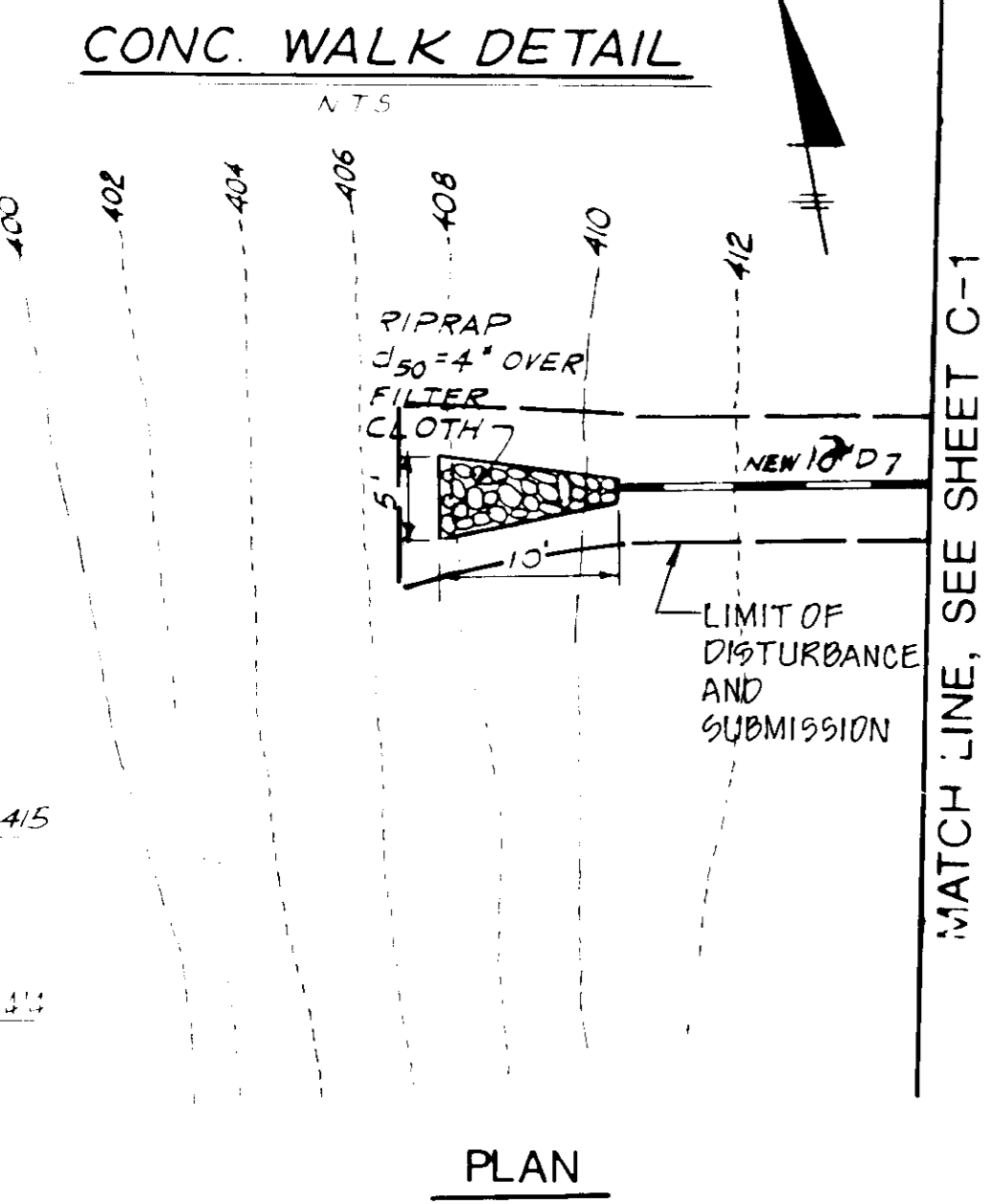
BUILDING PROFILE
N.T.S.



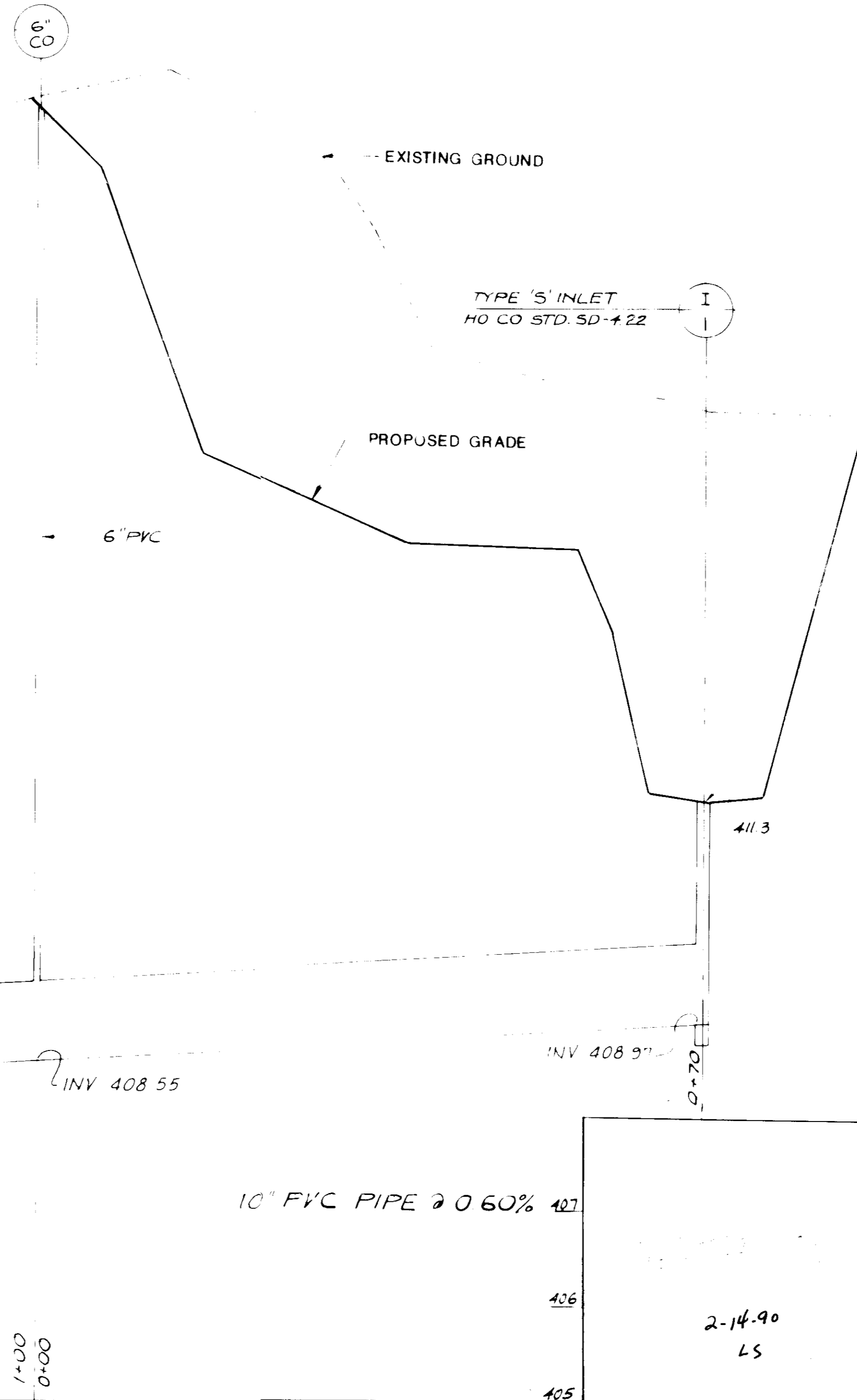
CONC. WALK DETAIL
N.T.S.



PAVING SECTION
N.T.S.



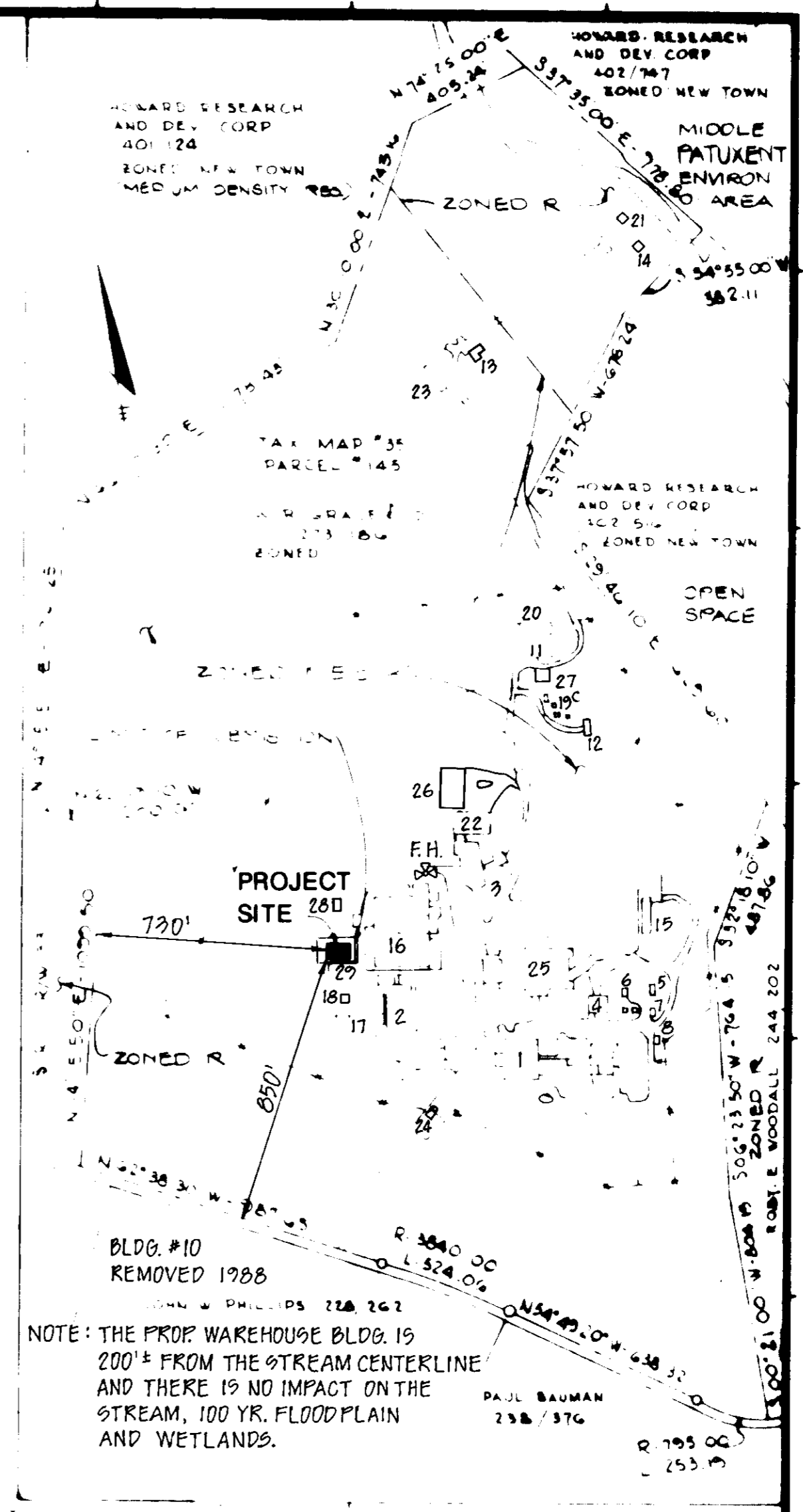
PLAN



STORM DRAIN PROFILE
SCALE: HORZ. 1"=10'
VERT. 1"=1'

GENERAL NOTES

- A. PRIOR TO THE START OF ANY OPERATIONS, THE CONTRACTOR SHALL STAKE OUT THE BASELINES OF CONSTRUCTION, PROPOSED BUILDING AND VERIFY SETBACKS AND OFFSET DIMENSIONS.
- B. THE CONTRACTOR SHALL NOTIFY THE OWNER AT (301) 531-4240 AT LEAST 72 HRS. PRIOR TO STARTING EXCAVATION TO VERIFY ALL LOCATIONS OF EXISTING UTILITIES.
- C. ADJUTING PROPERTIES TO BE PROTECTED FROM DAMAGE. REPAIRS ARE AN OBLIGATION OF THE CONTRACTOR. ACCESS TO AREAS OUTSIDE THE LIMIT OF CONTRACT WITHIN THE PROPERTY LINE IS PROHIBITED. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO EXISTING VEGETATION AND ANY VIOLATIONS OF THE PROTECTED AREAS.
- D. ALL CONSTRUCTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE LATEST HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS STANDARDS SPECIFICATIONS AND REQUIREMENTS.
- E. 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.
- F. 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 ANY AND ALL UNDERGROUND UTILITIES.
- G. ALL DISTURBED AREAS NOT STABILIZED WITH PAVING, SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS AND SEDIMENT CONTROL PLAN, PRIOR TO CONTRACT COMPLETION.
- H. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES.
- I. TOPOGRAPHIC SURVEY BY PURDUM & JESCHKE DATED JULY 26, 1989.



LOCATION PLAN
SCALE: 1"=400'

ADDRESS CHART					
LOT NUMBER			STREET ADDRESS		
P 145			7379 GUILFORD ROAD		
SUBDIVISION NAME			SECT./AREA	LOT	
W.R. GRACE & CO.			-	P 145	
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE MAP	ELEC. DIST.	"ENSUS" TR
273/186	22	P.E.C.	35	5TH	6053 01
WATER CODE			SEWER CODE		
NA			6440000		

APPROVED FOR PRIVATE WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>[Signature]</i> DIRECTOR	3/9/90 DATE
APPROVED FOR PRIVATE WATER AND PUBLIC SEWER SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT	
<i>[Signature]</i> CHIEF, BUREAU OF ENGINEERING	3-8-90 DATE
APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING	
<i>[Signature]</i> PLANNING DIRECTOR	3-21-90 DATE
<i>[Signature]</i> DATE	

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W.R. GRACE & CO.
5TH ELECTION DISTRICT
HOWARD COUNTY,
MARYLAND

TAX MAP NO. 35
PARCEL NO. 145

SITE DETAILS & PROFILES

DESIGNED ATR	JOB NO. ER 954 8919107
DRAWN GSB	SCALE AS SHOWN
CHECKED PD	DATE 11/6/89
DATE 1/2/90	DRAWING 4 OF 4
C-4	