

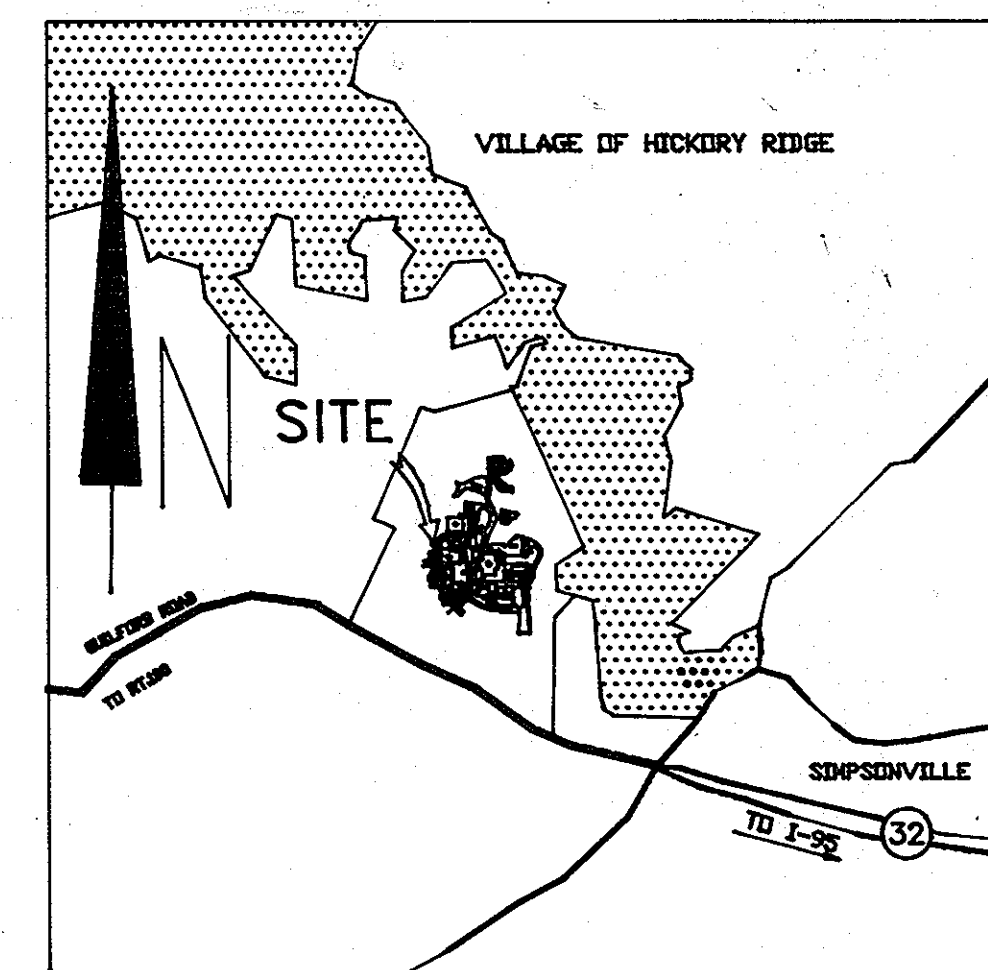
**GENERAL NOTES**

- PRIOR TO THE START OF ANY OPERATIONS, THE CONTRACTOR SHALL STAKE OUT THE BASELINES OF CONSTRUCTION, PROPOSED BUILDING AND VERIFY SETBACKS AND OFFSET DIMENSIONS.
- THE CONTRACTOR SHALL NOTIFY THE OWNER AT (301) 531-4240 AT LEAST 72 HRS. PRIOR TO STARTING EXCAVATION TO VERIFY ALL LOCATIONS.
- ABUTTING 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.
- ALL CONSTRUCTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE LATEST HOWARD COUNTY VOLUME IV - STANDARD SPECIFICATION AND DETAILS.
- THE INFORMATION 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.
- THE LOCATION 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 OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- 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.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES.
- TOPOGRAPHIC SURVEY FOR BLDG. 28 WAS DONE BY LORIA ENGINEERING, INC. ON NOV. 2, 1993.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- THE CONTRACTOR OR THE DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION 24 HRS. IN ADVANCE PRIOR TO COMMENCEMENT OF WORK. AT TELEPHONE NO. (410) 313-3390.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEMS.
- THE BUILDING PROPOSED IS FOR STORAGE ONLY.
- THERE ARE NO WETLANDS WITHIN THE LIMITS OF DISTURBANCE SHOWN. THEREFORE, SECTION 404 AND SECTION 401 DO NOT APPLY AND PERMITS ARE NOT REQUIRED.
- THE PROPOSED DISTURBANCE IS LESS THAN 5000 S.F. NO STORMWATER MANAGEMENT IS REQUIRED. NO SEDIMENT CONTROL PLAN IS REQUIRED.
- DEPARTMENT OF PLANNING AND ZONING FILES PB CASE NO. 168, VP 82-92, BA CASE NO. 85-30 E, BA CASE NO. 83-54 E, PB CASE NO. 212, VP 84-32, VP 84-70, S-87-36, BP-267, FDR-PEC-1A, S 90-37, SDP-90-116 & SDP 91-92, SDP-94-29.
- ANY LANDSCAPING WILL BE DONE BY W. R. GRACE AFTER BUILDING IS COMPLETED.

HOWARD RESEARCH AND DEVELOPMENT CORP.  
401/124  
ZONED NEW TOWN

MIDDLE PATUXENT ENVIRONMENT AREA

HOWARD RESEARCH AND DEVELOPMENT CORP.  
402/516  
ZONED NEW TOWN



VICINITY MAP  
SCALE: 1"=2000'

**INDEX:**

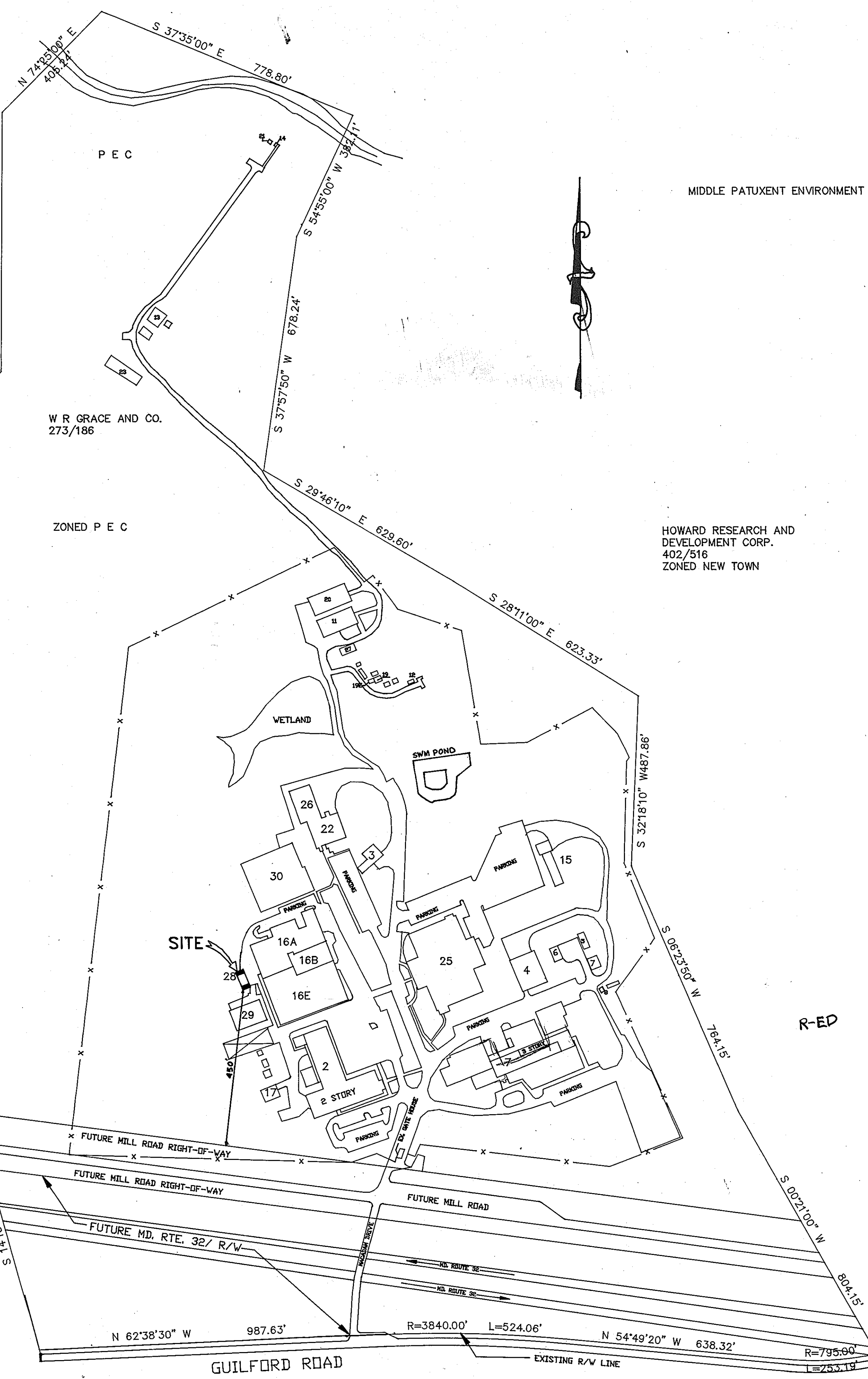
SHEET NO.	DESCRIPTION:
1.	COVER SHEET
2.	SITE DEVELOPMENT PLAN

SRC R/W 33  
ZONED PEC

**SITE ANALYSIS**

**PERCENT COVERAGE**

PRESENT ZONING	PEC		
AREA OF PROPERTY	147.40 ACRES		
AREA OF SUBMISSION	0.05 ACRES		
<b>BUILDING COVERAGE</b>			
EXISTING	228,837 S.F. = 5.25 ACRES	STORAGE	3.56%
PROPOSED	540 S.F. = .01 ACRES		.007%
TOTAL FLOOR SPACE	540 S.F.		
TOTAL	229,377 S.F. = 5.27 ACRES		3.57%
<b>NUMBER OF EMPLOYEES</b>			
EXISTING	598		
PROPOSED	0		
TOTAL	598		
<b>NUMBER OF PARKING SPACES</b>			
EXISTING	541 includes 5 handicapped parking spaces		
PROPOSED	0		
REQUIRED FOR THE SUBMISSION	0		
TOTAL PARKING SPACES	541		
TOTAL REQUIRED	419		
<b>OPEN SPACE</b>			
EXISTING	40.34 ACRES		27.4%
PROPOSED	40.33 ACRES		27.4%



JOHN W. PHILLIPS  
228/262  
ZONED RR

PAUL BAUMAN  
238/376  
RR

**LOCATION PLAN**

SCALE 1" = 200'

ADDRESS CHART					
PARCEL NUMBER	STREET ADDRESS				
P 145	7379 GUILFORD ROAD				
SUBDIVISION	NAME	SECTION/AREA	LOT	PARCEL	
W.R. GRACE & CO.			P 145		
PLAY NUMBER	BLOCK NUMBER	ZONE	TAX/ZONE MAP	ELECTION DISTRICT	DENSITY TRAC
273/186	22	PEC	35	5th	6053.01
WATER CODE			SEWER CODE		
N/A			64-0000		
APPROVED FOR PRIVATE WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.					
Joyce M. Boyd					3/14/94
COUNTY HEALTH OFFICER					DATE
APPROVED FOR HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING					
James P. Lewis					3/2/94
PLANNING DIRECTOR					DATE
James P. Lewis					3/18/94
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH					DATE
APPROVED FOR PUBLIC SEWERAGE, STORM DRAINAGE SYSTEM AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.					
James P. Lewis					3/2/94
DIRECTOR					DATE
Paul Bauman					3/1/94
CHIEF, BUREAU OF ENGINEERING					DATE

Loria engineering inc.  
CONSULTING ENGINEERS & LAND PLANNERS & SURVEYORS  
3230 BETHANY LANE, SUITE 4  
ELLCOTT CITY, MARYLAND 21043  
TEL. (410) 465-0400

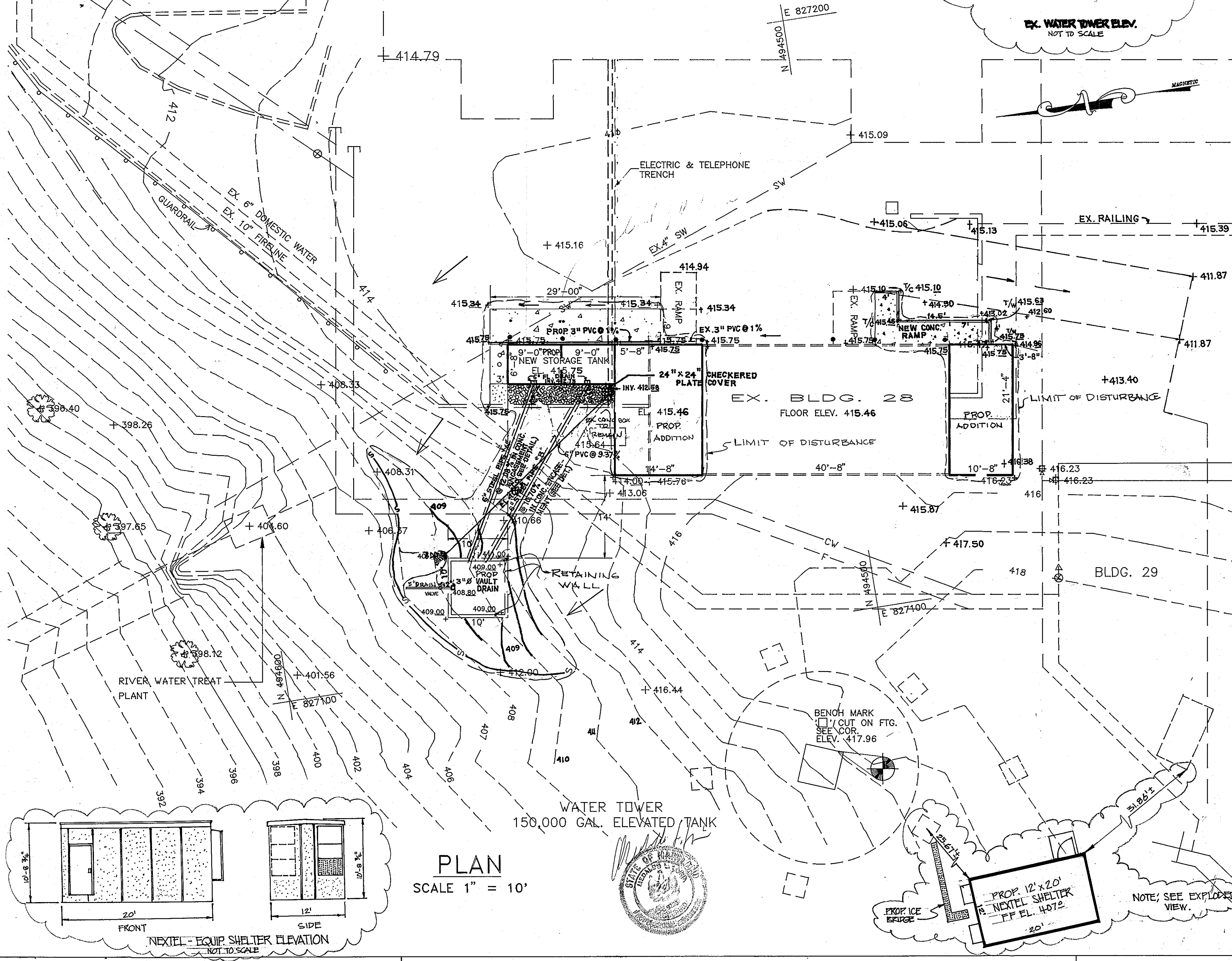
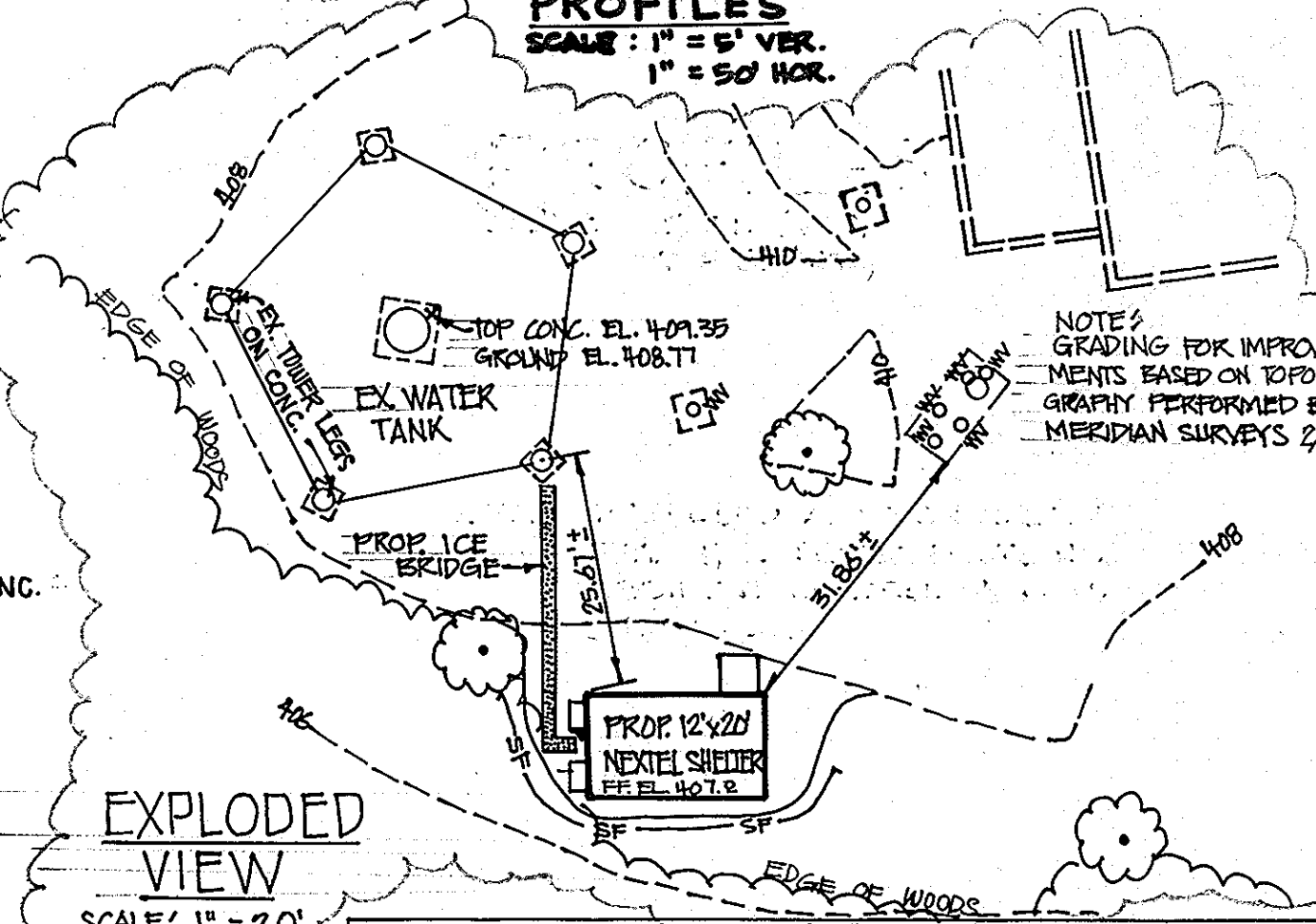
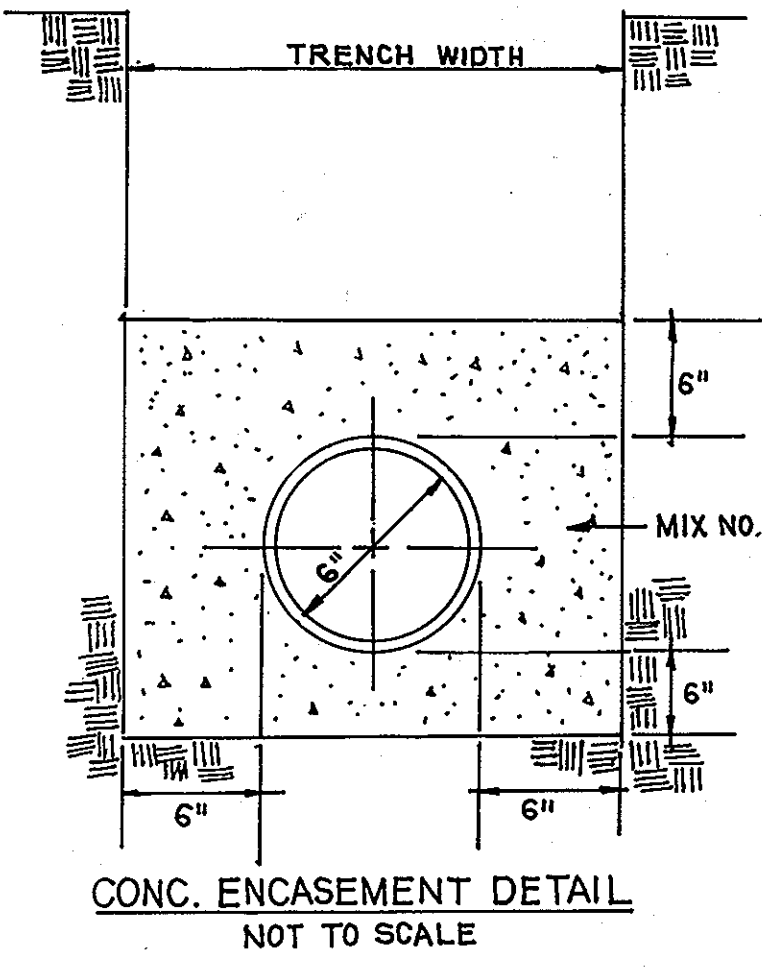
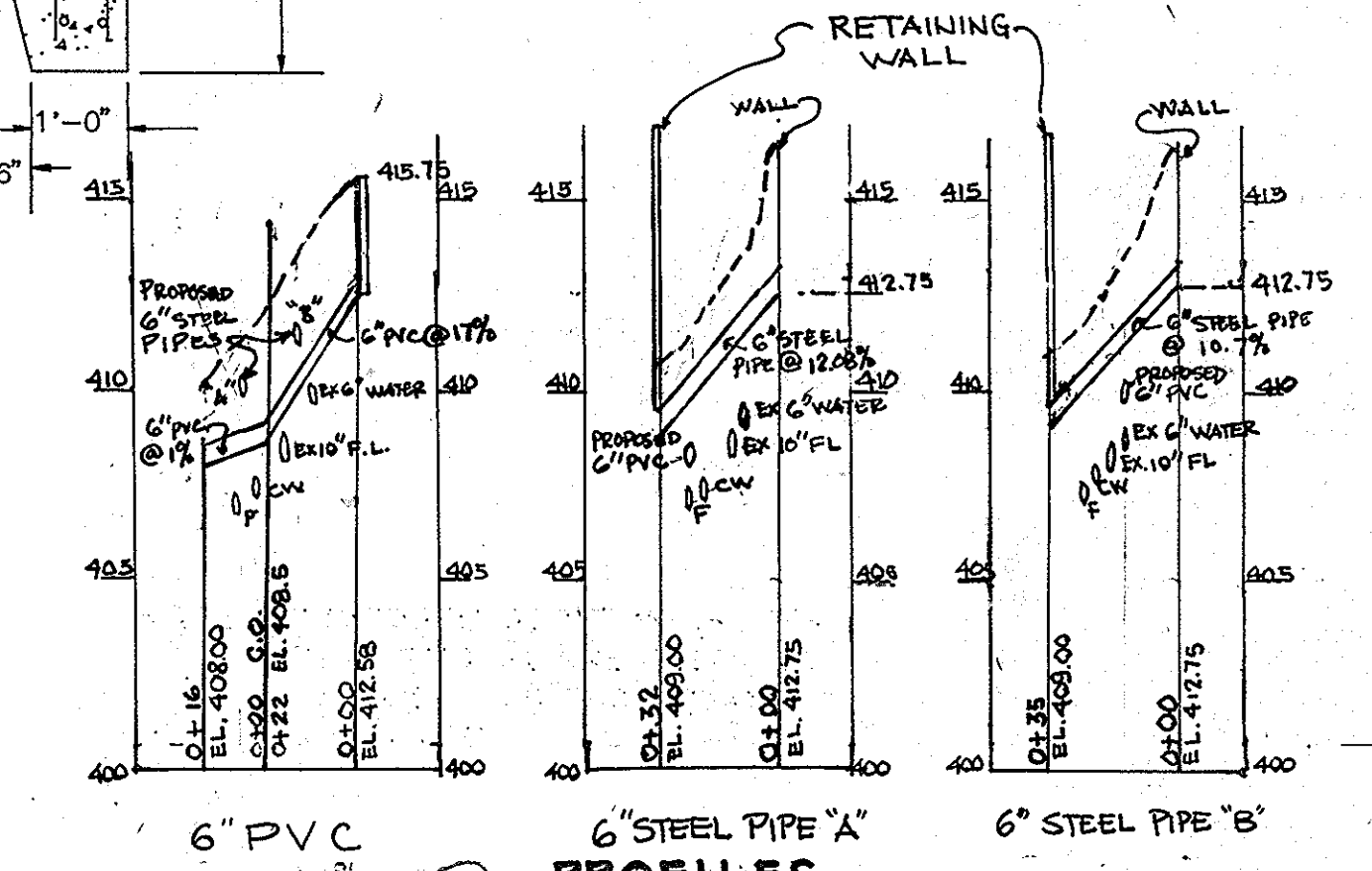
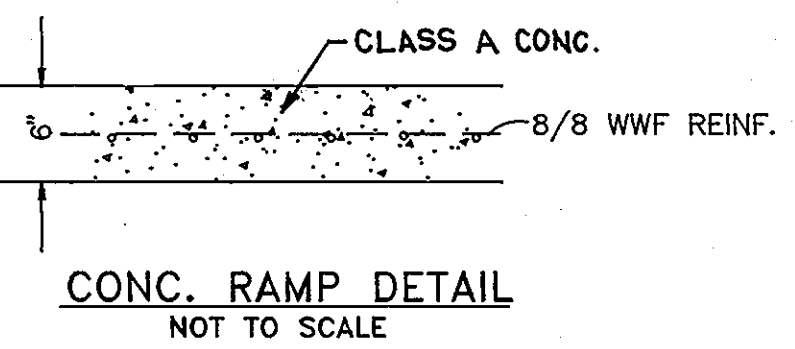
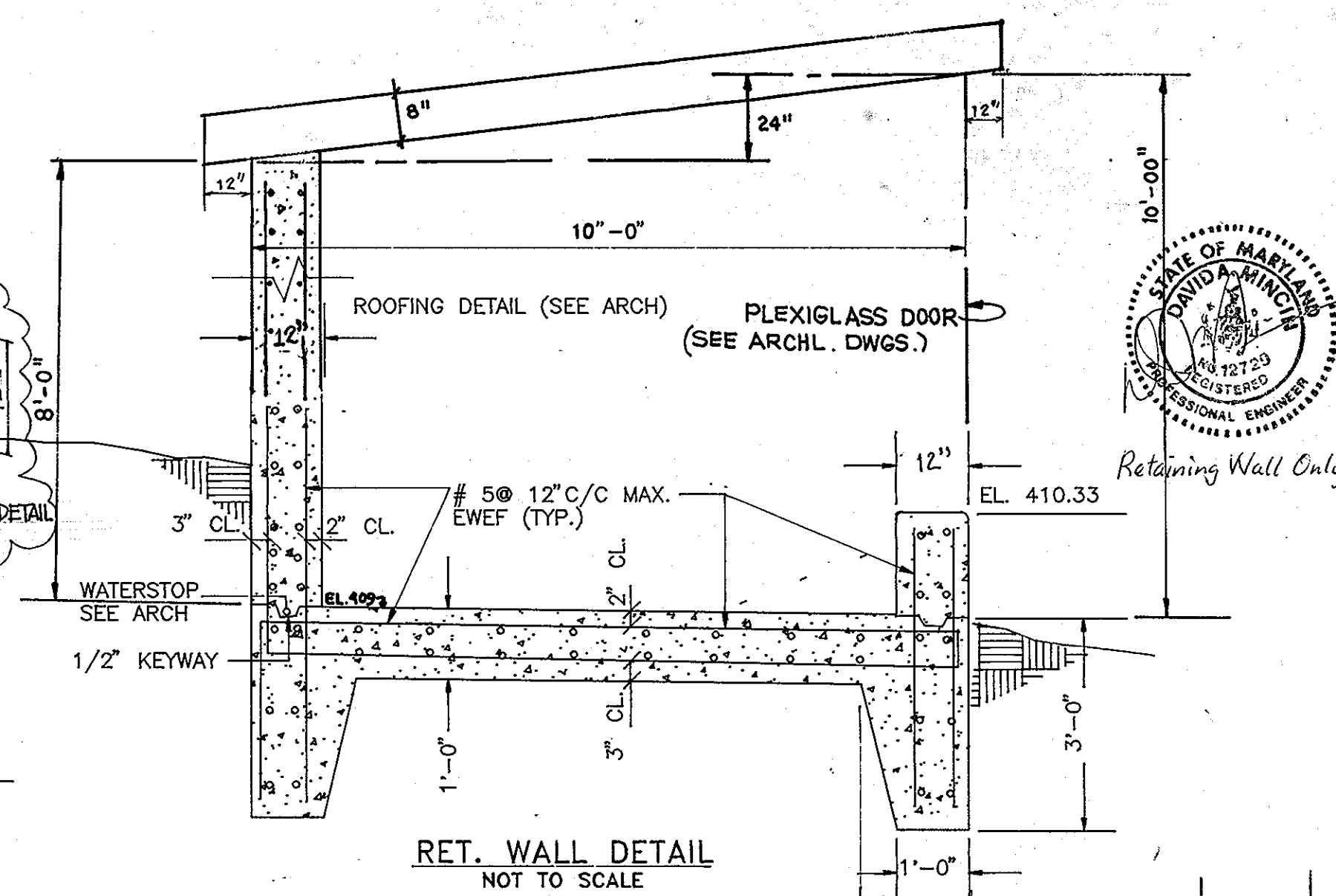
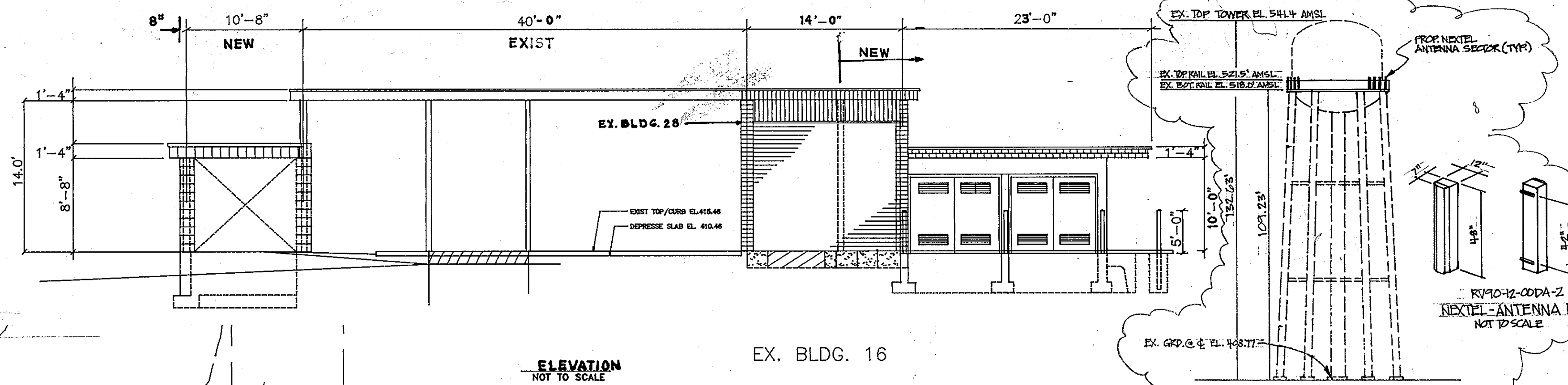
**GRACE**

W.R. GRACE & CO. - CONN.  
WASHINGTON RESEARCH CENTER  
7379 ROUTE 32  
COLUMBIA, MARYLAND 21044  
PROPOSED ADDITION BLDG. #28

**COVER SHEET**

REVISIONS			SCALE: 1" = 200'	SHEET NUMBER
DATE	BY	DESCRIPTIONS		
			DATE: 11.01.93	1 OF 2
			DRWN: gnc	
			DESIGN: SNC	
			CHKD: MLL	

SDP-94-51



ADDRESS CHART

PARCEL NUMBER	STREET ADDRESS
P 145	7379 GUILFORD ROAD
SUBDIVISION NAME	SECTION/AREA LOT
W.R. GRACE & CO.	P 145
PLAT NUMBER	BLOCK NUMBER ZONE TAX/ZONE MAP ELECTION DISTRICT
273/186	22 P E C 35 5th 6053.01
WATER CODE	SEWER CODE
N/A	6440000

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

Joyce M. Boydland per Jim 3/14/94  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

PLANNING DIRECTOR 3/21/94  
DATE

Chad Swannick 3/16/94  
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

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

James P. Lan 3/2/94  
DIRECTOR DATE

Frank J. Japan 3/11/94  
CHIEF, BUREAU OF ENGINEERING DATE

LEGEND:

SILT FENCE	EXISTING	PROPOSED
CONC. RAMP		
CURBS		
PAVING		
GRADES	747	747
SPOT ELEV.	123.45	123.45



orig engineering inc.  
CONSULTING ENGINEERS • LAND PLANNERS • SURVEYORS  
3030 BETHANY LANE, SUITE 4  
ELLSWORTH CITY, MARYLAND 21043  
TEL (410) 465

**GRACE**

W.R. GRACE & CO. - CONN.  
WASHINGTON RESEARCH CENTER  
7379 ROUTE 32  
COLUMBIA, MARYLAND 21044

PROPOSED ADDITION FOR BLDG. #28

SITE DEVELOPMENT PLAN

REVISIONS

DATE	BY	DESCRIPTIONS
9-28-99	JL	EQUIP SHELTER & ANTENNAS

SCALE: 1" = 10'

DATE: 11.01.93  
DRWN: gnc  
DESIGN: JNC  
CHKD: MLL

SHEET NUMBER  
**2 OF 2**