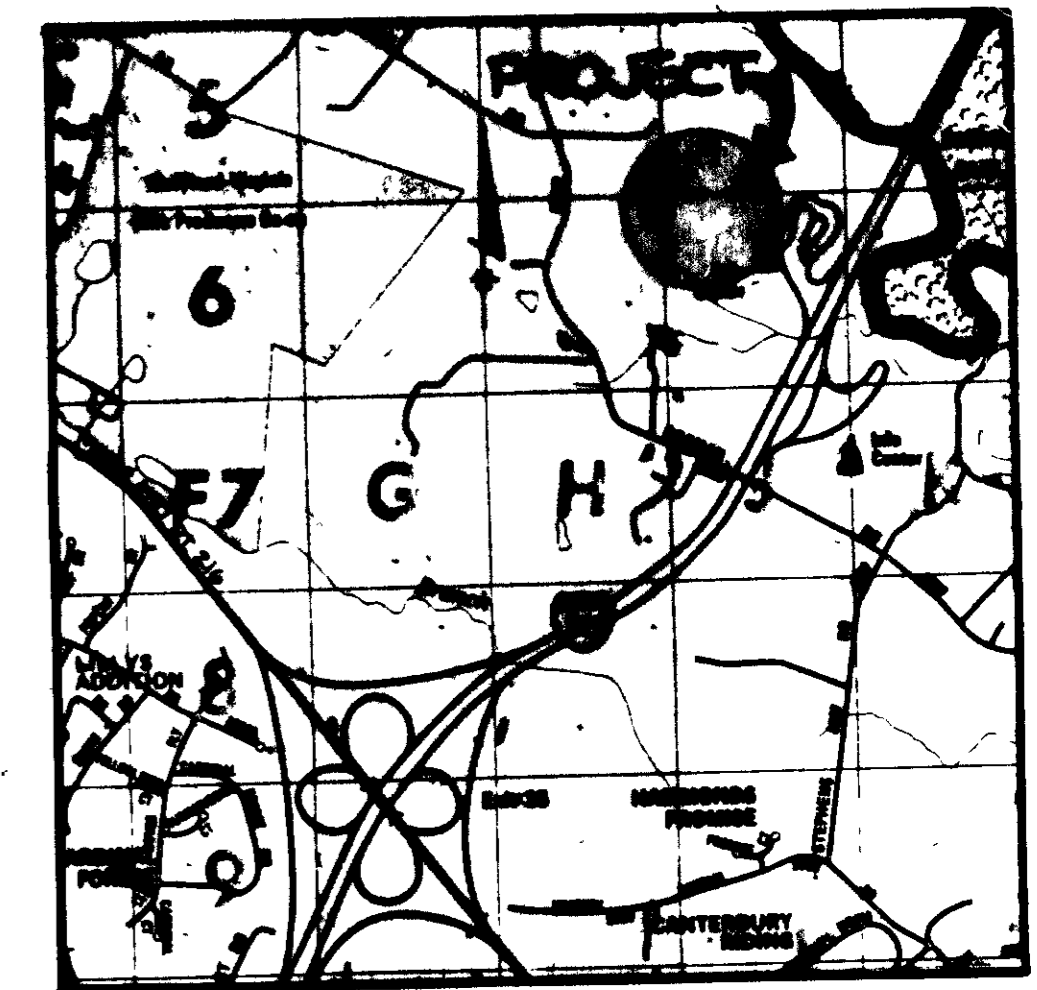


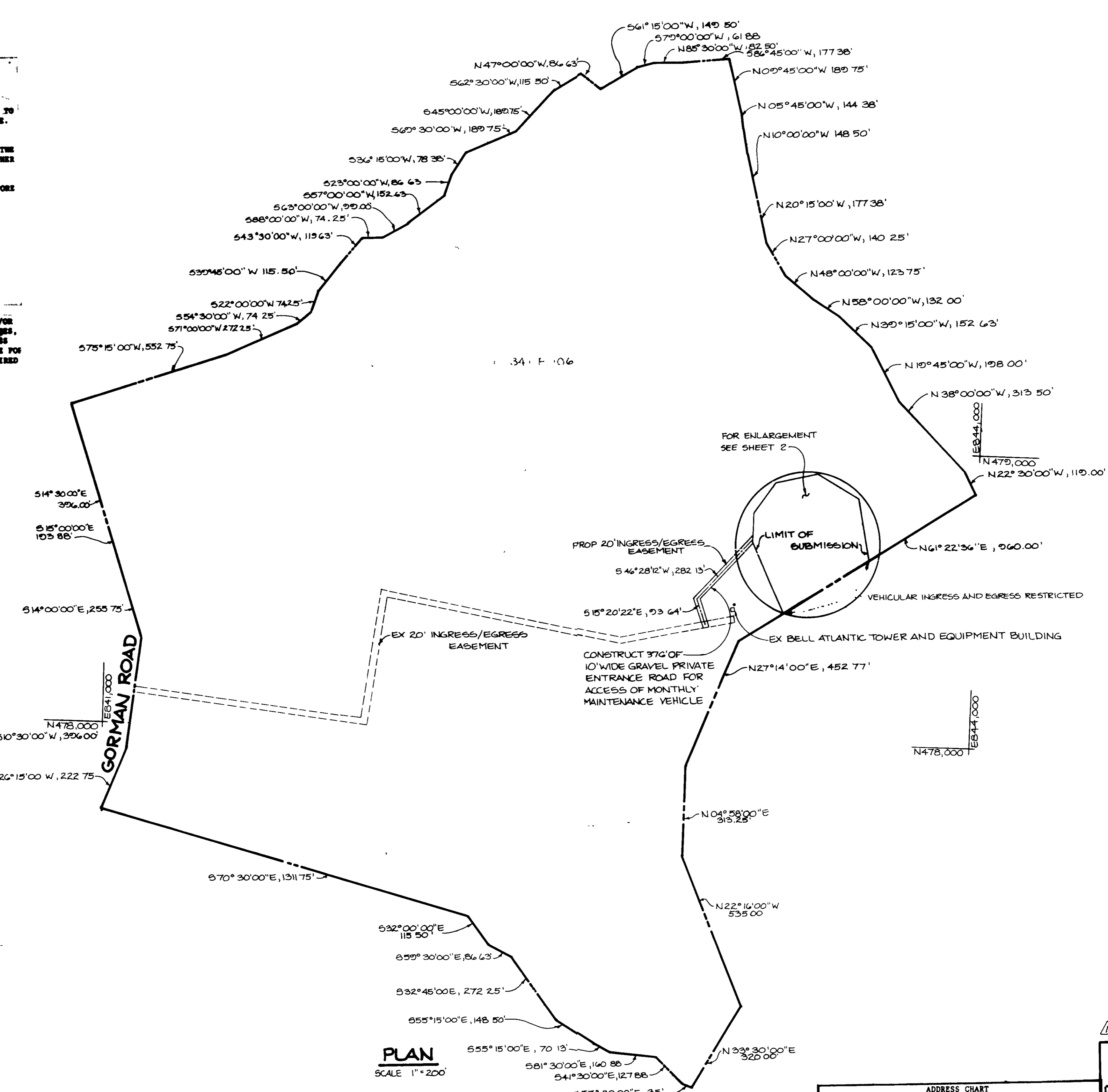
SHEET INDEX	
NO	DESCRIPTION
1	TITLE SHEET
2	SITE DEVELOPMENT PLAN
3	SEDIMENT CONTROL PLAN



VICINITY MAP
SCALE 1"=2000'

- GENERAL NOTES**
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, I.E., STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
 - APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. FROM BEST AVAILABLE INFORMATION 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.
 - THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS TO VERIFY THEIR LOCATION AND ELEVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF LOCATION OF UTILITIES IS OTHER THAN SHOWN.
 - CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS:

MISS UTILITY	1-800-237-7777
C & P TELEPHONE COMPANY	725-9976
HOWARD COUNTY BUREAU OF UTILITIES	992-2366
AT&T CABLE LOCATION DIVISION	393-9333
BALTIMORE GAS & ELECTRIC COMPANY	685-0123
STATE HIGHWAY ADMINISTRATION	531-3333
HOWARD COUNTY CONSTRUCTION/INSPECTION SURVEY DIVISION (24 HOURS NOTICE PRIOR TO COMMENCEMENT OF WORK)	792-7272
 - THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR RIGHTS-OF-WAY THAT MAY BE REQUIRED FOR THE SEDIMENT AND EROSION CONTROL PRACTICES, STORM WATER MANAGEMENT PRACTICES AND THE DISCHARGE OF STORM WATER ONTO OR ACROSS ADJACENT OR DOWNSTREAM PROPERTIES INCLUDED IN THIS PLAN. HE IS ALSO RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR RIGHTS-OF-WAY THAT MAY BE REQUIRED FOR GRADING AND/OR WORK ON ADJACENT PROPERTIES INCLUDED IN THIS PLAN.
 - ALL EXISTING STRUCTURES ON THE PROPERTY TO REMAIN.
 - NO LANDSCAPING IS REQUIRED AS THE SPECIAL EXCEPTION PLAN DOES NOT FRONT ANY PUBLIC ROADS RIGHT-OF-WAY.

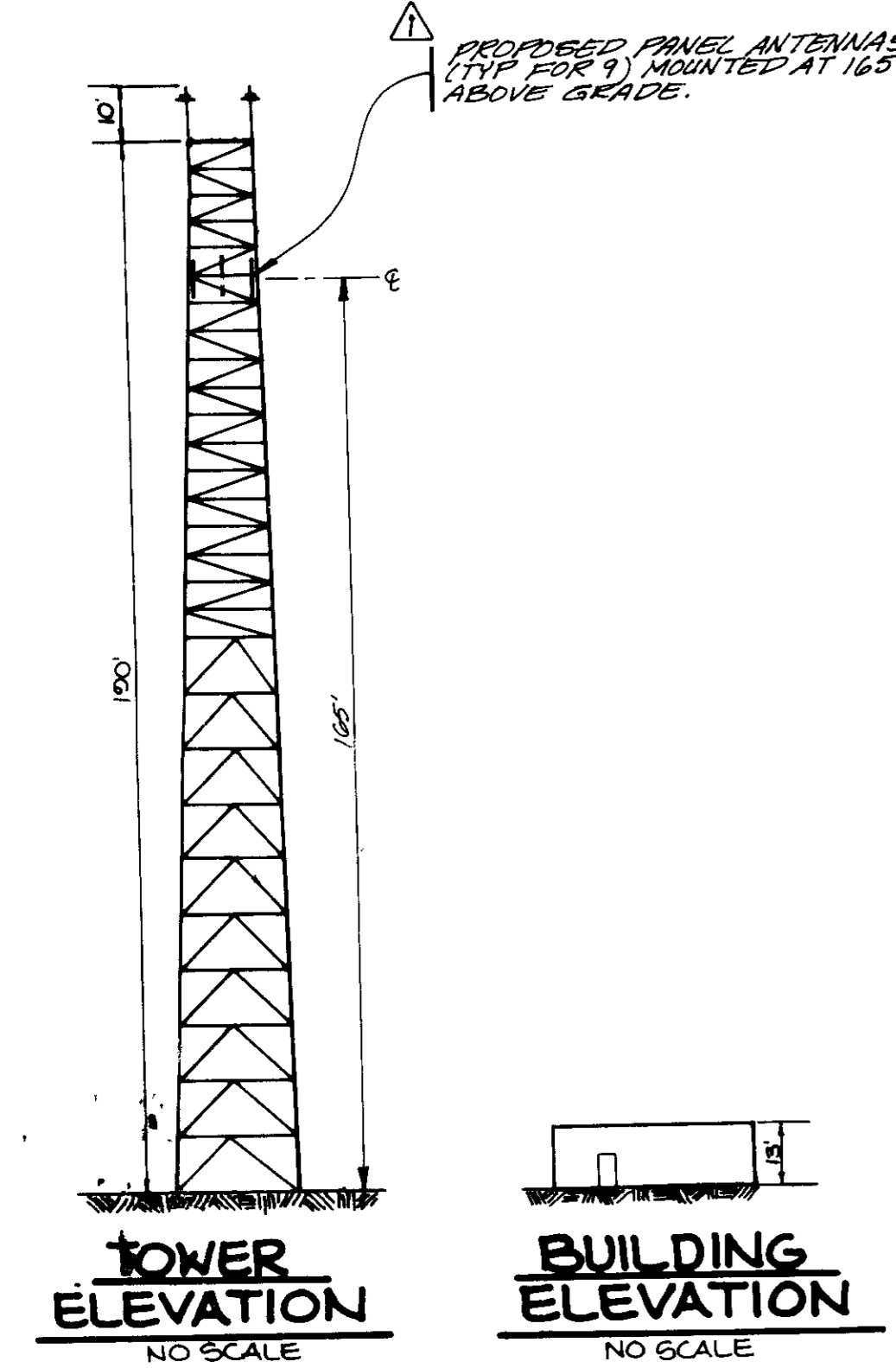


Present Zoning	R-2D
PLANNING AND ZONING FILE NUMBER #	BA-87-17E
Proposed Use	Cellular One Equipment Building and Tower
TOTAL AREA OF PARCEL	1242 AC
LIMIT OF SUBMISSION	2.99 AC (180,171 26 SQ FT)
BUILDING COVERAGE	852 SQ FT
MAXIMUM ALLOWED	30% OF SITE
PROVIDED	0.6% OF SITE
NUMBER OF EMPLOYEES	0

APPROVED	HOWARD COUNTY HEALTH DEPARTMENT	NO FACILITIES
<i>James M. Boyd, M.D.</i>	COUNTY HEALTH OFFICER	12-7-87 DATE
APPROVED	HOWARD COUNTY OFFICE OF PLANNING AND ZONING	
<i>W. H. ...</i>	PLANNING DIRECTOR	12.10.87 DATE
<i>P. ...</i>	CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION	9 Dec 87 DATE
APPROVED FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS	HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>James M. ...</i>	DIRECTOR	12/3/87 DATE
<i>...</i>	CHIEF, BUREAU OF ENGINEERING	12-7-87 DATE

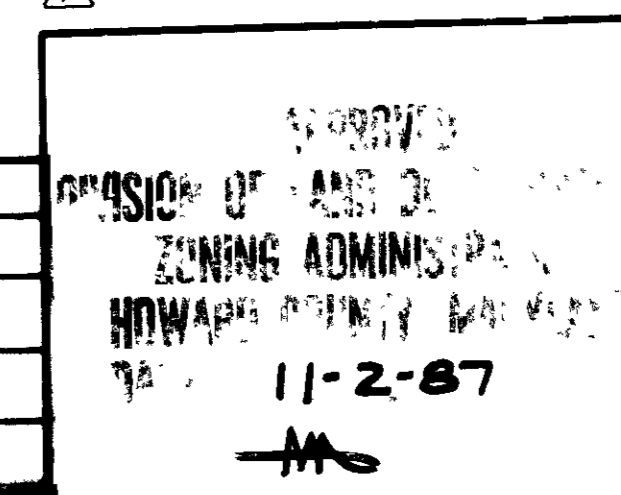
DATE	NO	REVISION
OWNER	HARRY C. HEARN WINKOPIA FARMS 10010 GORMAN RD LAUREL, MD 20707	
DEVELOPER	NETWORK BUILDING AND CONSTRUCTION INC 710 HAMMOND'S FERRY ROAD SUITE 5 LINTHICUM, MARYLAND 21090	
PROJECT	CELLULAR ONE TOWER	
AREA	TAX MAP # 47	PARCEL 472
	6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE	TITLE SHEET	

THE RIEMER GROUP, INC.	BA-87-17E
The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm 3106 North Ridge Road, Ellicott City, Maryland 21043 (301) 461 2690	DESIGNED BY D.A.M.
11-25-87 DATE	DRAWN BY D.D.B.
	PROJECT NO 47400
	DATE SEPTEMBER 21, 1987
	SCALE AS SHOWN
<i>Arthur E. Muegge</i>	DRAWING NO 1 OF 3
ARTHUR E. MUEGGE # 8707	



ADDRESS CHART	
PARCEL NUMBER	STREET ADDRESS
472	10000 GORMAN ROAD

SUBDIVISION NAME	HEARN PROPERTY	SECT./AREA	PARCEL # 472
CELLULAR ONE TOWER			
PLAT # OR L/T	BLOCK #	ZONE	TAX/ZONE MAP
241/106	2/3	R-20	47
WATER CODE	SEWER CODE	ELC. DIS.	CENSUS TR.
NA	NA	6TH	G0G2



Revised Data 8/22/96

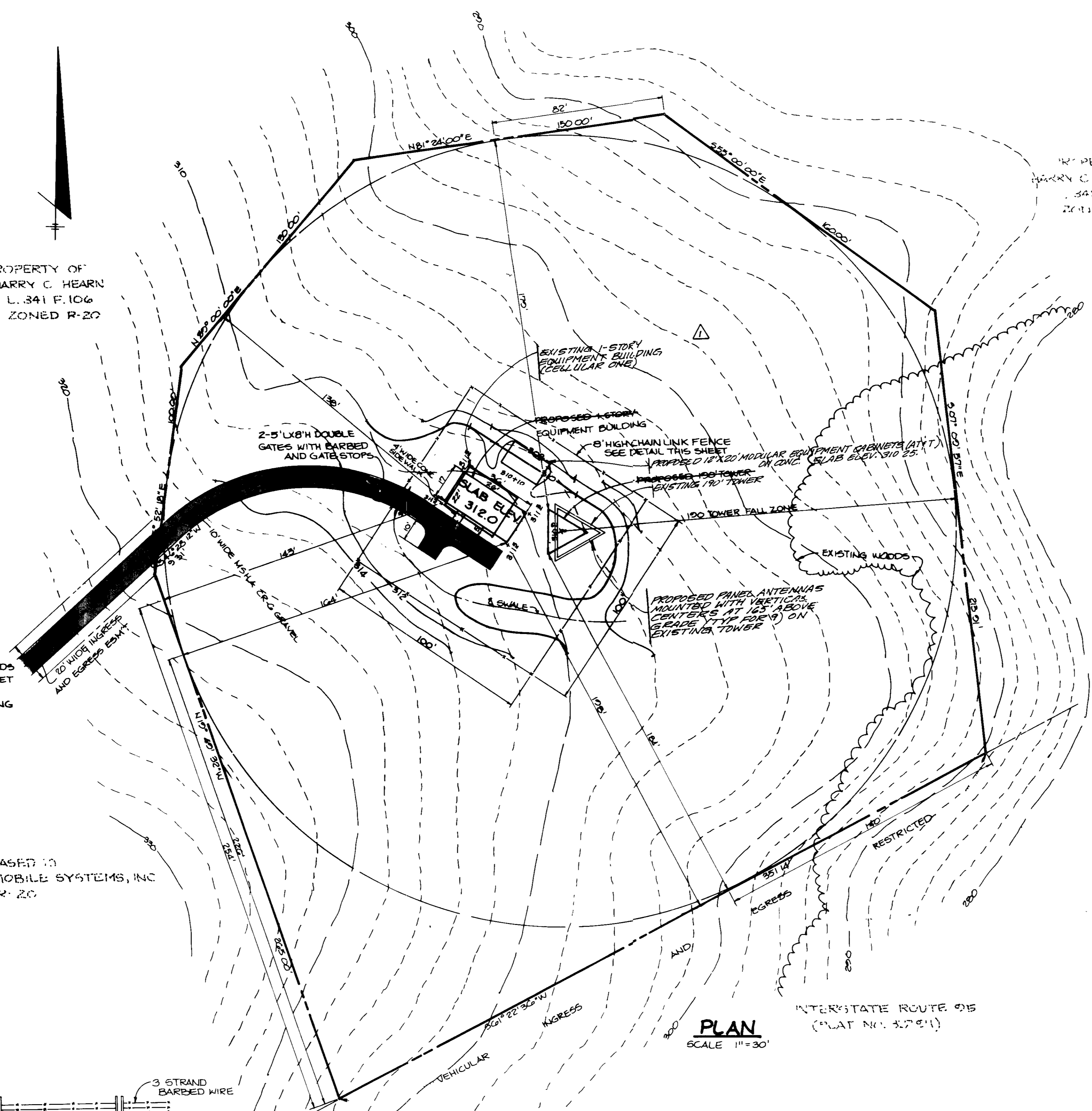
1478,750
E 843,750

PROPERTY OF
HARRY C. HEARN
L. 341 P. 106
ZONED R-20

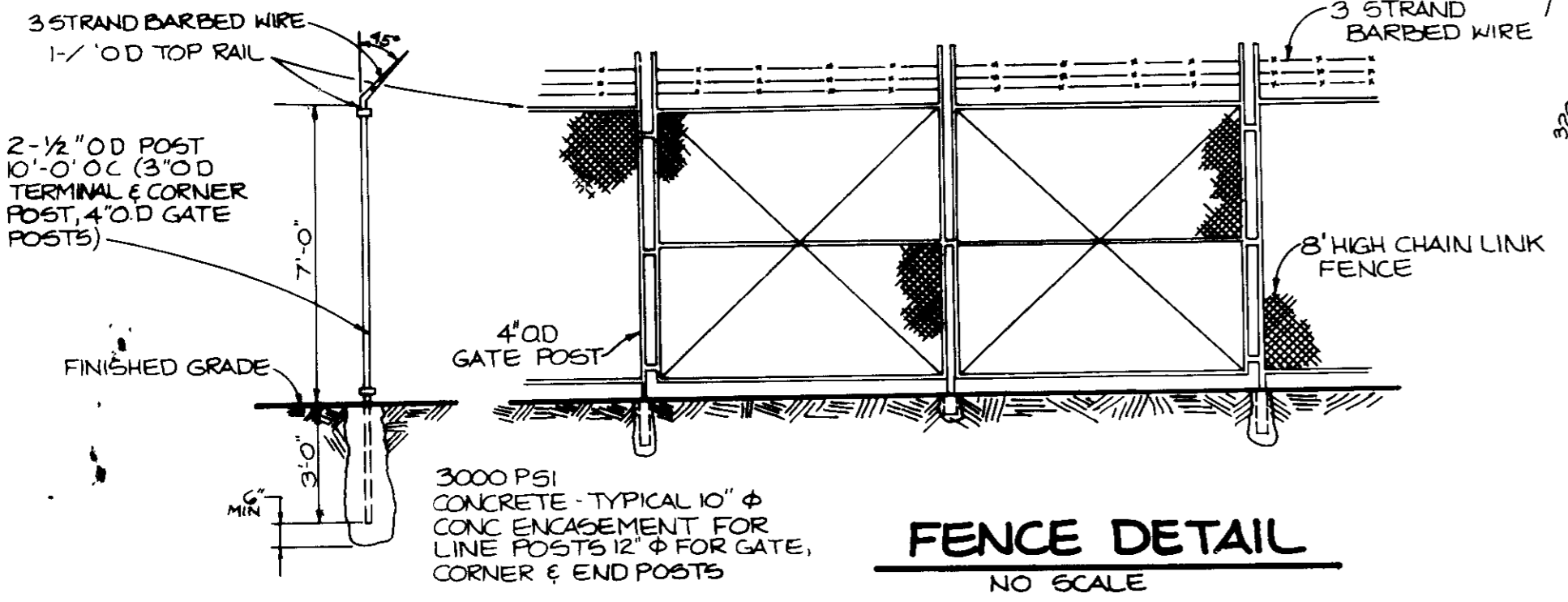
PROPERTY OF
HARRY C. HEARN
L. 341 P. 106
ZONED R-20

NOTE GRAVEL DRIVEWAY EXTENDS
ALONG EASEMENT TO MEET
EXISTING DRIVEWAY
NO CLEARING OR GRADING
IS PROPOSED

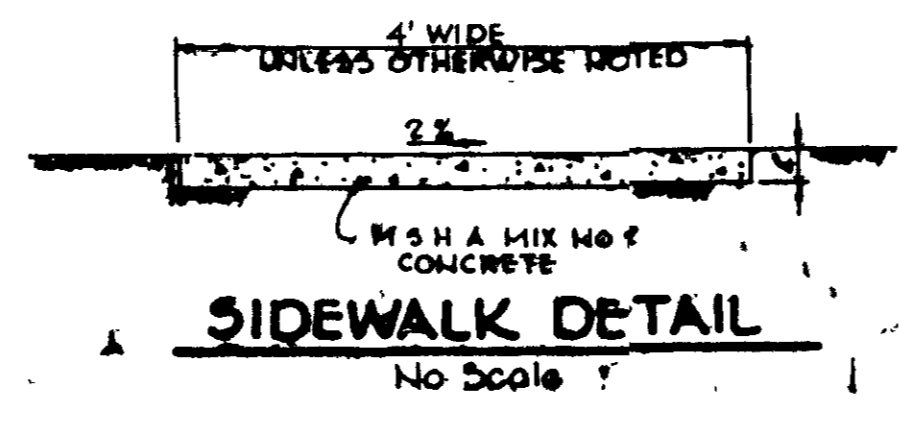
PROPERTY LEASED TO
BELL ATLANTIC MOBILE SYSTEMS, INC
ZONED R-20



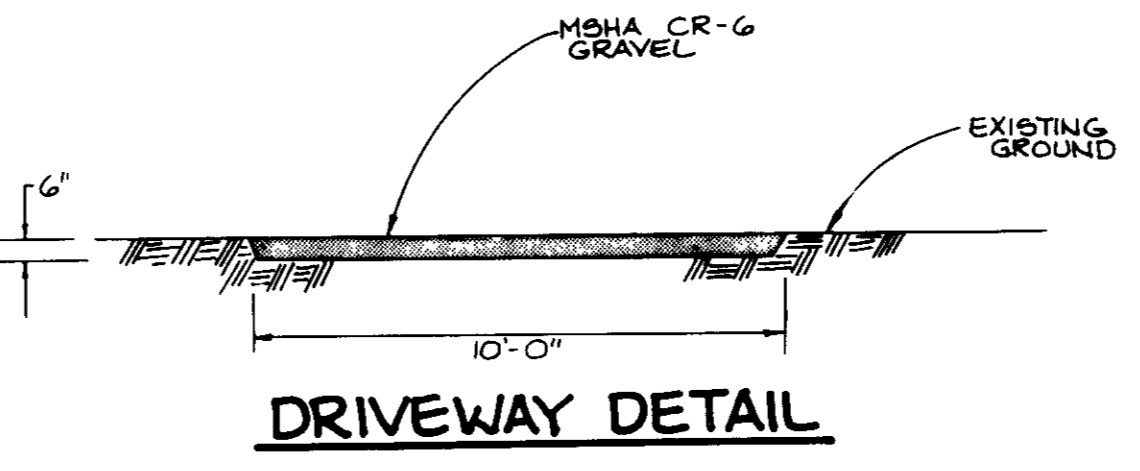
PLAN
SCALE 1"=30'



FENCE DETAIL
NO SCALE



SIDEWALK DETAIL
NO SCALE



DRIVEWAY DETAIL

1478,750
E 843,750

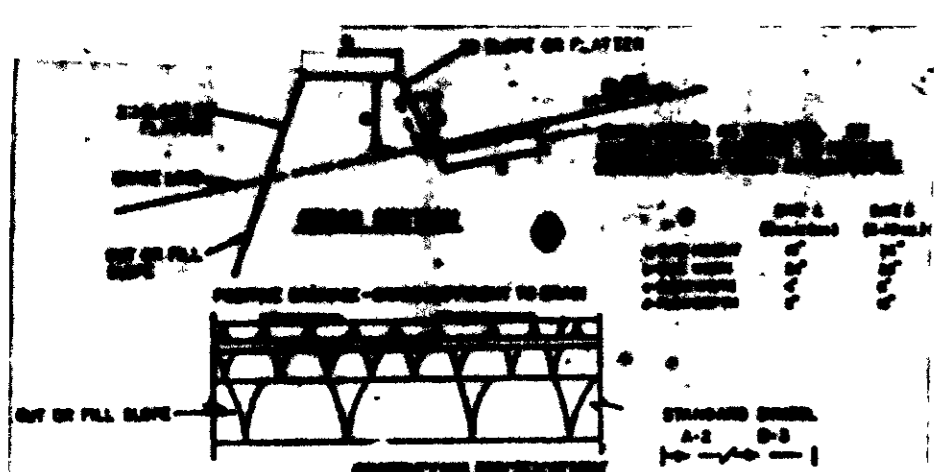
1478,750
E 843,750



APPROVED
DIVISION OF LAND DEVELOPMENT
ZONING ADMINISTRATION
HOWARD COUNTY MARYLAND
DATE 11-2-87

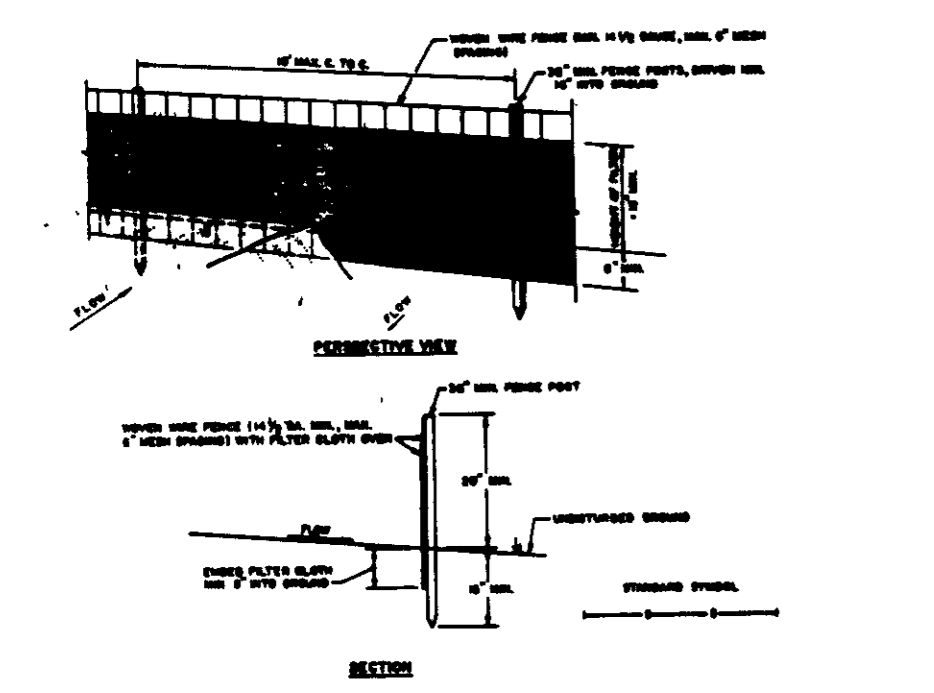
APPROVED. HOWARD COUNTY HEALTH DEPARTMENT NO FACILITIES	
<i>Joseph D. ...</i> COUNTY HEALTH OFFICER	12-4-87 DATE
APPROVED. HOWARD COUNTY OFFICE OF PLANNING AND ZONING	
<i>...</i> PLANNING DIRECTOR	12-8-87 DATE
<i>...</i> CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION	9 Dec 87 DATE
APPROVED. FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS	
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>...</i> DIRECTOR	12/8/87 DATE
<i>...</i> CHIEF, BUREAU OF ENGINEERING	12-7-87 DATE
DATE	NO REVISION
OWNER	HARRY C. HEARN WINCOPIA FARMS 10010 GORMAN RD LAUREL, MD 20707
DEVELOPER	NETWORK BUILDING AND CONSTRUCTION INC 710 WASHINGTONS FERRY ROAD SUITE 5 LINTHICUM, MARYLAND 21050
PROJECT	CELLULAR ONE TOWER
AREA TAX MAP # 47	PARCEL 472
6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE	SITE DEVELOPMENT PLAN
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	
DATE	DESIGNED BY
11-25-87	DA-87-17E
DATE	DESIGNED BY DAM
	DRAWN BY DAM
	PROJECT NO 47400
	DATE SEPTEMBER 21, 1987
	SCALE AS SHOWN
	DRAWING NO 2 OF 3

SDP-88-G2



1. ALL SLOPES SHALL BE PROTECTED BY SEEDING OR MULCHING.
2. SEEDING SHALL BE DONE IMMEDIATELY AFTER GRADING.
3. MULCHING SHALL BE DONE IMMEDIATELY AFTER SEEDING.
4. SEEDING SHALL BE DONE IMMEDIATELY AFTER GRADING.
5. MULCHING SHALL BE DONE IMMEDIATELY AFTER SEEDING.
6. SEEDING SHALL BE DONE IMMEDIATELY AFTER GRADING.
7. MULCHING SHALL BE DONE IMMEDIATELY AFTER SEEDING.

EARTH DIKE
NO SCALE



1. SLOPES SHALL BE PROTECTED BY SEEDING OR MULCHING.
2. SEEDING SHALL BE DONE IMMEDIATELY AFTER GRADING.
3. MULCHING SHALL BE DONE IMMEDIATELY AFTER SEEDING.
4. SEEDING SHALL BE DONE IMMEDIATELY AFTER GRADING.
5. MULCHING SHALL BE DONE IMMEDIATELY AFTER SEEDING.
6. SEEDING SHALL BE DONE IMMEDIATELY AFTER GRADING.
7. MULCHING SHALL BE DONE IMMEDIATELY AFTER SEEDING.

SILT FENCE
NO SCALE

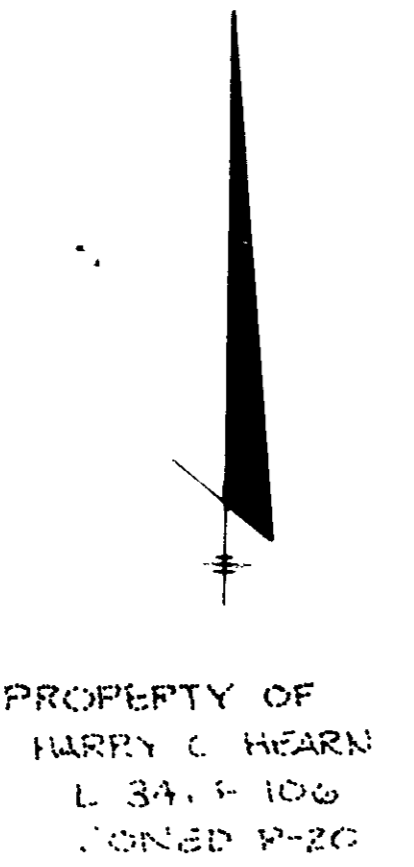
- PERMANENT SEEDING NOTES**
- Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.
- Seeding Preparation** Loosen upper three inches of soil by raking, tilling or other acceptable means before seeding.
- Soil Amendments** Apply 0-20-20 fertilizer at the rate of 600 lbs per acre. Harvest or disc lime 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 harrow rake. At the time of seeding, apply 400 lbs 10-10-10 urethane fertilizer and 500 lbs of 10-20-20 or equivalent fertilizer per acre.
- Seeding** For the periods March 1 thru April 30, and August 1 thru October 15, seed with 40 lbs per acre (1 lb/1000 sq ft) of a mixture of certified Herring, Kentucky bluegrass, common Kentucky bluegrass @ 40 lbs per acre (1 lb/1000 sq ft) and Red Fescue, Pennlawn or Jamestown @ 20 lbs per acre (0.5 lb/1000 sq ft) for the period May 1 thru July 31, seed with 40-40-20 mix as specified above and 2 lbs. per acre (0.05 lb/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 40-40-20 mix specified above 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 untreated 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 reseeding.
- TEMPORARY SEEDING NOTES**
- Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed.
- Seeding Preparation** Loosen upper three inches of soil by raking, tilling or other acceptable means before seeding.
- Soil Amendments** Apply 900 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft.) where soil is highly acidic, apply dolomitic limestone at the rate of 1 ton per acre.
- Seeding** For periods March 1 thru April 30 and from August 15 thru November 15, seed with 140 lbs per acre of annual ryegrass (3.2 lbs/1000 sq ft.). For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (0.75 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 untreated 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 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.

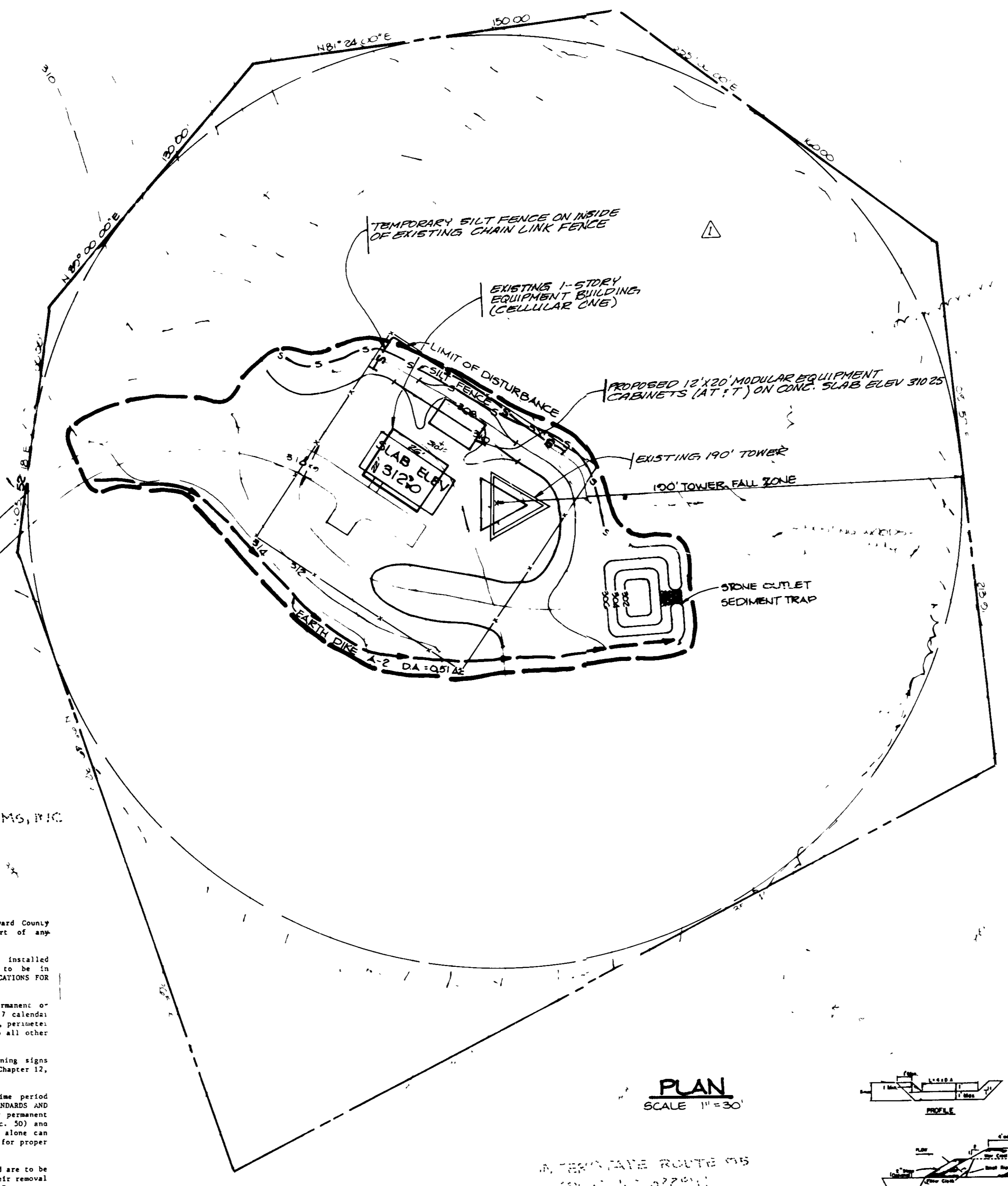
PROPERTY LEASED TO
BELL ATLANTIC MOBILE SYSTEMS, INC.
DUNEDON, R. 20

- 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 the 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) 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.
 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	2.00 acres
Area Disturbed	0.50 acres
Area to be roofed or paved	0.04 acres
Area to be vegetatively stabilized	0.46 acres
Total Cut	0.00 cu. yds.
Total Fill	0.00 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 DPW 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.



PROPERTY OF
HARRY C HEARN
L 341 F 106
DUNEDON R-20

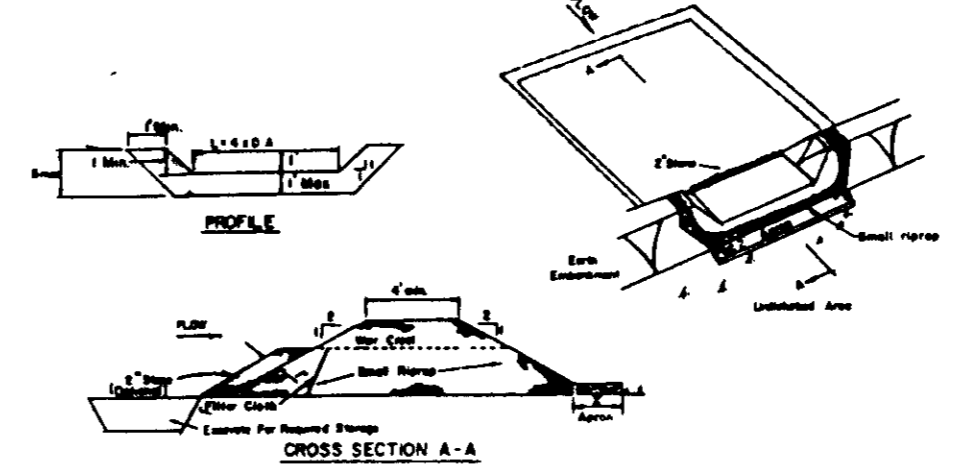


PROPERTY OF
HARRY C HEARN
L 341 F 106
DUNEDON R 20

PLAN
SCALE 1" = 30'

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. INSTALL GRAVEL DRIVEWAY, SILT FENCE, EARTH DIKE AND SEDIMENT TRAP. (4 days)
3. ROUGH GRADE SITE AND SEED IN ACCORDANCE WITH TEMPORARY SEEDING NOTES. (2 days)
4. CONSTRUCT BUILDING AND TOWER.
5. UPON APPROVAL OF HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES AND STABILIZE ALL DISTURBED AREA IN ACCORDANCE WITH PERMANENT SEEDING NOTES. (1 day)



STONE OUTLET SEDIMENT TRAP
NO SCALE

- CONSTRUCTION INSPECTION FOR SET-UP**
1. Area under sediment trap shall be cleared, grubbed and stripped of any vegetation and tree stumps. The soil area shall be prepared.
 2. The fill material for the sediment trap shall be free of roots and other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The sediment trap shall be constructed by excavating with equipment while it is being constructed.
 3. All cut and fill slopes shall be 3:1 or flatter.
 4. The stone used in the outlet shall be small riprap 4"-8" along with a 1" thickness of 3" aggregate placed on the upgrade side on the small riprap to embedded filter cloth to the riprap.
 5. Sediment trap shall be removed and trap returned to its original dimensions when the sediment has accumulated to 1/4 the design depth of the trap.
 6. The structure shall be inspected after each rate and repairs made as needed.
 7. Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
 8. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

STONE OUTLET SEDIMENT TRAP

DRAINAGE AREA	0.24 ac
STORAGE REQUIRED	432 CU FT
STORAGE PROVIDED	450 CU FT
CREST ELEVATION	305.0
CLEANOUT ELEVATION	303.5
BOTTOM DIMENSIONS	10'X15'
OUTLET WIDTH	5'
BOTTOM ELEV	302.0

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY
DATE 11-2-87

THE RIEMER GROUP, INC.
1105 North Ridge Road, Ellicott City, Maryland 21040
DATE 11-25-87
DESIGNED BY DAM
DRAWN BY DAM
PR BY J. V. J.
DATE SEPTEMBER 21, 1987
SCALE AS SHOWN
DRAWING NO 3 OF 3

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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.
DEVELOPER: _____ 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 SOIL CONSERVATION DISTRICT.
ENGINEER: Arthur E Muegge DATE: 11-25-87

REVIEWED FOR: HOWARD COUNTY S.C.D.
AND MEETS TECHNICAL REQUIREMENTS
NAME: James M. Helm DATE: 12-3-87
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 12-3-87

HOWARD COUNTY OFFICE
DATE: 12-10-87

DATE: 9 Dec 87

FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
DATE: 12/1/87

REVISION
DATE: 12-7-87

DEVELOPER: NETWORK BUILDING AND CONSTRUCTION INC.
710 HAMMONDS FERRY ROAD, SUITE 5, LINTHICUM, MARYLAND 21090

CELLULAR ONE TOWER

SEDIMENT CONTROL PLAN

THE RIEMER GROUP, INC.
1105 North Ridge Road, Ellicott City, Maryland 21040
DATE 11-25-87
DESIGNED BY DAM
DRAWN BY DAM
PR BY J. V. J.
DATE SEPTEMBER 21, 1987
SCALE AS SHOWN
DRAWING NO 3 OF 3