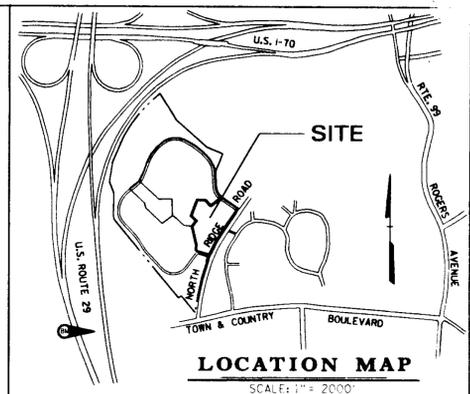
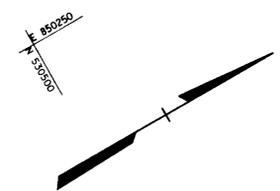
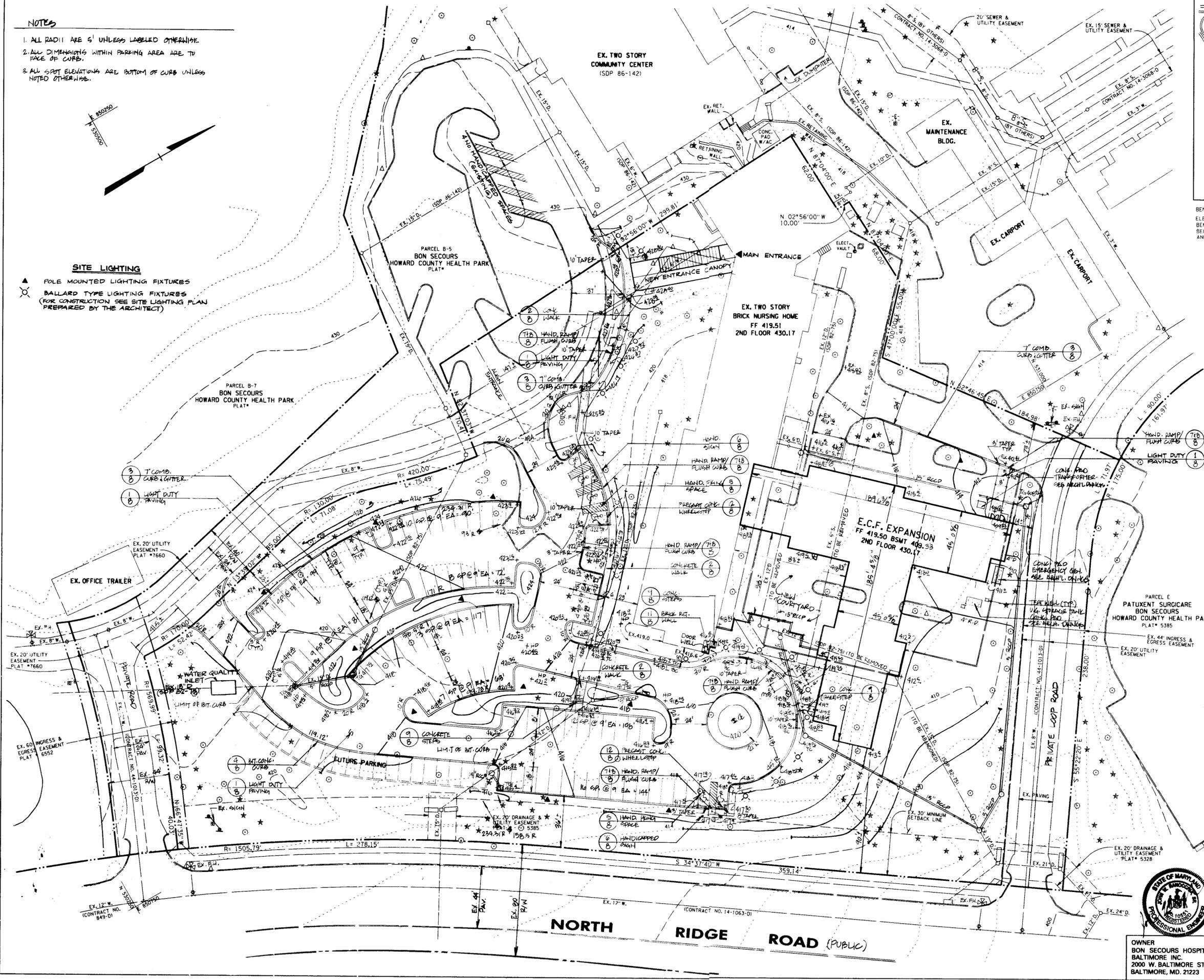


- NOTES**
1. ALL RADII ARE 5' UNLESS LABELED OTHERWISE.
 2. ALL DIMENSIONS WITHIN PARKING AREA ARE TO FACE OF CURB.
 3. ALL SPOT ELEVATIONS ARE BOTTOM OF CURB UNLESS NOTED OTHERWISE.



BENCHMARK:
 ELEVATION 469.057 CONTROL STATION 3342001
 BENCHMARK: HOWARD COUNTY, MARYLAND BEING A CONCRETE MONUMENT ON TOP OF HOGSBACK BETWEEN MD. RTE. 29 NORTH AND SOUTH, 4000' +/- NORTH OF U.S. RTE. 40

- SITE LIGHTING**
- ▲ POLE MOUNTED LIGHTING FIXTURES
 - BALLARD TYPE LIGHTING FIXTURES (FOR CONSTRUCTION SEE SITE LIGHTING PLAN PREPARED BY THE ARCHITECT)



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 10/28/91

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
 DIRECTOR: [Signature] DATE: 11/14/91

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 10/28/91

APPROVED: [Signature] DATE: 10-21-91

Date	No.	Revision Description

**BON SECOURS
 EXTENDED CARE FACILITY EXPANSION**

2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

OWNER / DEVELOPER
 BON SECOURS HOSPITAL BALTIMORE INC.

DAFT McCUNE WALKER, INC.
 LAND PLANNING CONSULTANTS
 LANDSCAPE ARCHITECTS
 ENGINEERS - SURVEYORS
 200 EAST PENNSYLVANIA AVENUE
 FORT COCK, MD. 21124
 TELEPHONE: 301-296-3333

TITLE: SITE LAYOUT AND GRADING PLAN

SUBDIVISION NAME	BON SECOURS HOWARD COUNTY HEALTH PARK	SECT./AREA	2-1	LOT/PARCEL #	PARCEL B-2
PLAT# OR L/F	6552	BLOCK*	23	ZONE	FOR
TAX/ZONE MAP	17	ELEC. DIST.	2	CENSUS TR.	5024
WATER CODE	F03	SEWER CODE	1454400	ADDRESS CHART	
LOT NUMBER	PARCEL B-2	STREET ADDRESS	3000 NORTH RIDGE ROAD		

DES. BY	JLE	SCALE:	1" = 30'	PROJ. NO.	81015L
DRN. BY	JCW-WAL	DATE:	10TH SEPT. 91	2 of 10	
CHK'D. BY	RAB/TJ	Approved			



OWNER
 BON SECOURS HOSPITAL
 BALTIMORE INC.
 2000 W. BALTIMORE ST.
 BALTIMORE, MD. 21223

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

John W. Ranocchia 10/2/91
 HOWARD SOIL CONSERVATION SERVICE DATE

CERTIFICATION 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."

John W. Ranocchia, Sr. 10/2/91
 DATE

CERTIFICATION BY THE DEVELOPER:
 I/WE 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 ENVIRONMENT 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."

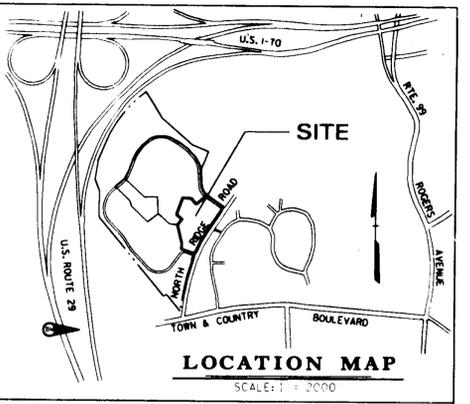
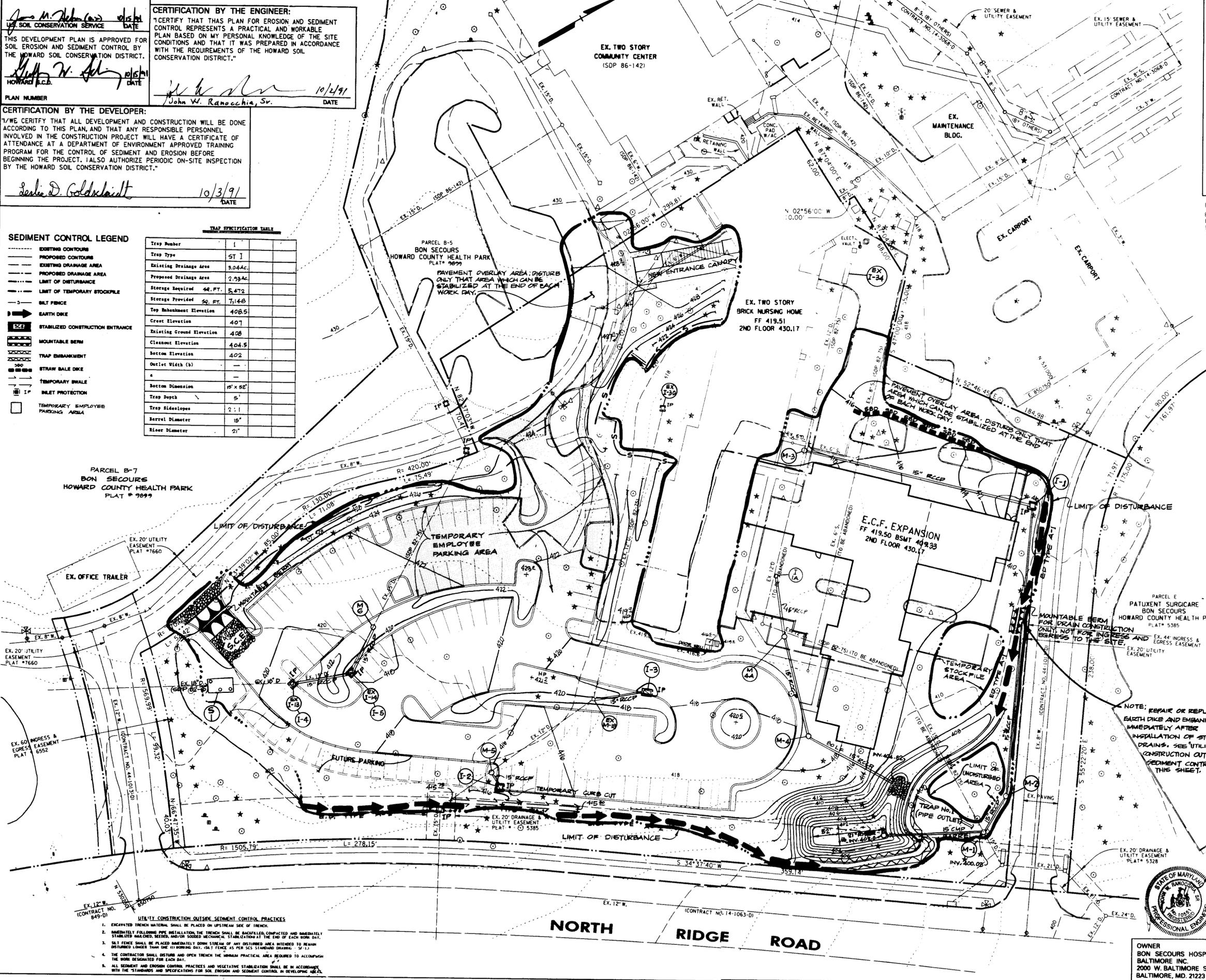
Leslie D. Goldkorn 10/3/91
 DATE

SEDIMENT CONTROL LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING DRAINAGE AREA
- PROPOSED DRAINAGE AREA
- LIMIT OF DISTURBANCE
- LIMIT OF TEMPORARY STOCKPILE
- SILT FENCE
- EARTH DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- MOUNTABLE BERM
- TRAP EMBANKMENT
- STRAW BALE DIKE
- TEMPORARY SWALE
- INLET PROTECTION
- TEMPORARY EMPLOYEE PARKING AREA

TRAP SPECIFICATION TABLE

Trap Number	1
Trap Type	ST 1
Existing Drainage Area	3.04 AC.
Proposed Drainage Area	2.73 AC.
Storage Required 44 FT.	5.472
Storage Provided SQ. FT.	7,148
Top Embankment Elevation	408.5
Crest Elevation	407
Existing Ground Elevation	408
Cleanance Elevation	404.5
Bottom Elevation	402
Outlet Width (ft)	—
Bottom Dimension	15" x 50"
Trap Depth	5"
Trap Slopes	2:1
Barrel Diameter	15"
Riser Diameter	21"



BENCHMARK:
 ELEVATION 469.057 CONTROL STATION 3342001
 BENCHMARK: HOWARD COUNTY, MARYLAND
 BEING A CONCRETE MONUMENT ON TOP OF HOGSBACK BETWEEN MD. RTE. 29 NORTH AND SOUTH, 4000 +/- NORTH OF U.S. RTE. 40

7-23-91

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
John W. Ranocchia 10-28-91
 DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
James R. Smith 11/14/91
 DATE

APPROVED: SUPERVISOR OF COMMUNITY PLANNING & LAND DEVELOPMENT
Emma Helmuth 11/14/91
 DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James J. ... 10-23-91
 DATE

APPROVED: CHIEF ENGINEER
Patricia S. ... 10-23-91
 DATE

Date	No.	Revision Description

**BON SECOURS
 EXTENDED CARE FACILITY EXPANSION**

2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

OWNER / DEVELOPER
 BON SECOURS HOSPITAL BALTIMORE INC.

DAFT McCUNE WALKER, INC.
 LAND PLANNING CONSULTANTS
 LANDSCAPE ARCHITECTS
 ENGINEERS SURVEYORS
 200 EAST PENNSYLVANIA AVENUE
 TOWSON, MD. 21284
 TELEPHONE: 301-296-3333

**SEDIMENT AND EROSION
 CONTROL PLAN**

SUBDIVISION NAME: BON SECOURS HOWARD COUNTY HEALTH PARK, SECT. AREA 2-1, LOT/PARCEL # 6552, 23, POR, TAX ZONE MAP ELEC. DIST. 2, CENSUS TR. 6026

WATER CODE: F03 SEWER CODE: 1454400

ADDRESS CHART
 LOT NUMBER: PARCEL B-2
 STREET ADDRESS: 3000 NORTH RIDGE ROAD

OWNER: BON SECOURS HOSPITAL BALTIMORE INC. 2000 W. BALTIMORE ST. BALTIMORE, MD. 21223

DES. BY: D.B.S. SCALE: 1" = 30' PROJ. NO. B1015L1

DRN. BY: D.B.S. DATE: 10TH SEPT. 91

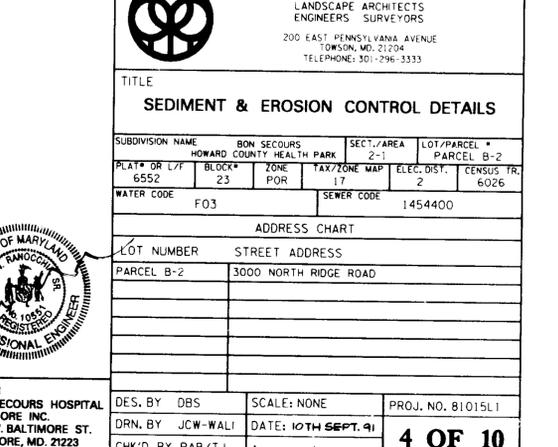
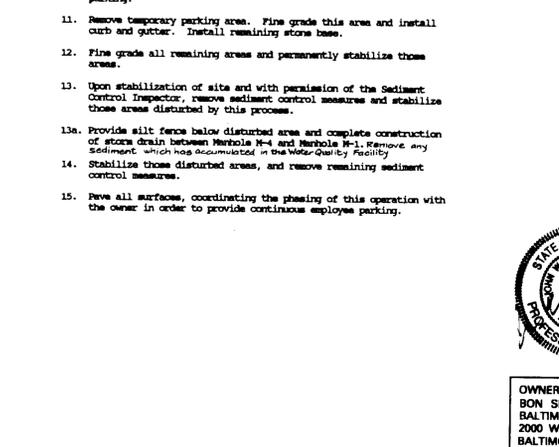
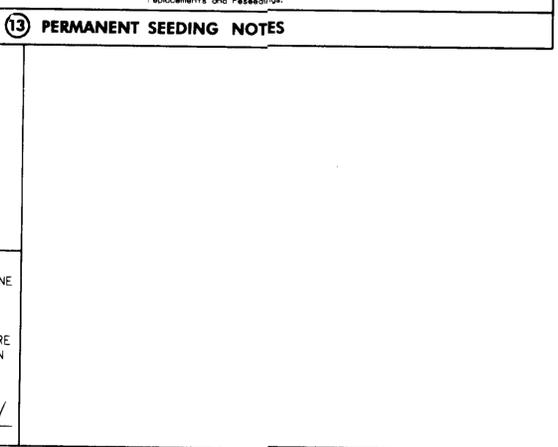
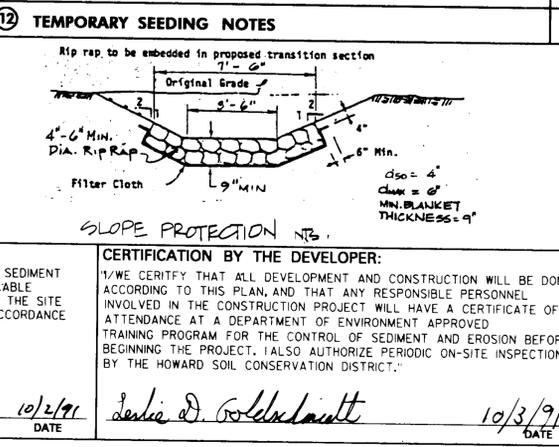
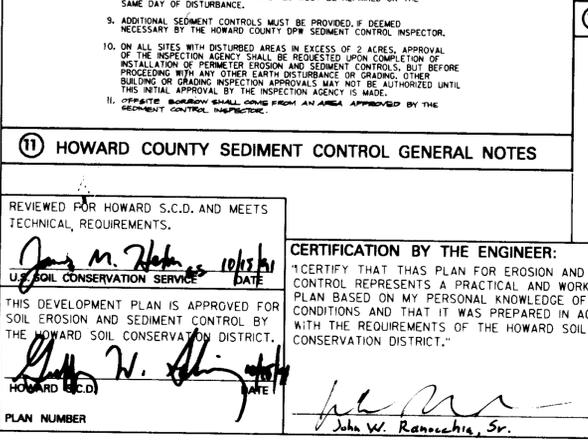
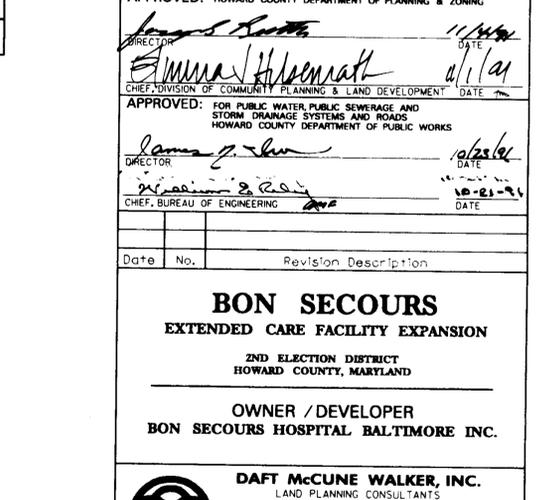
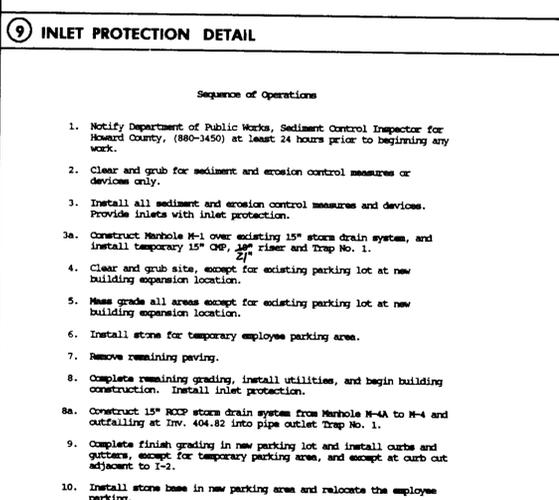
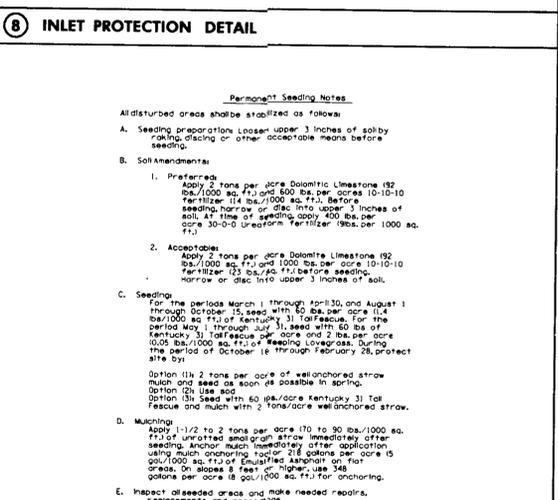
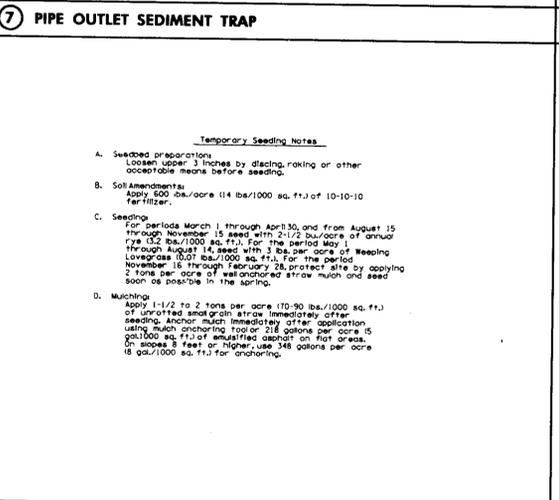
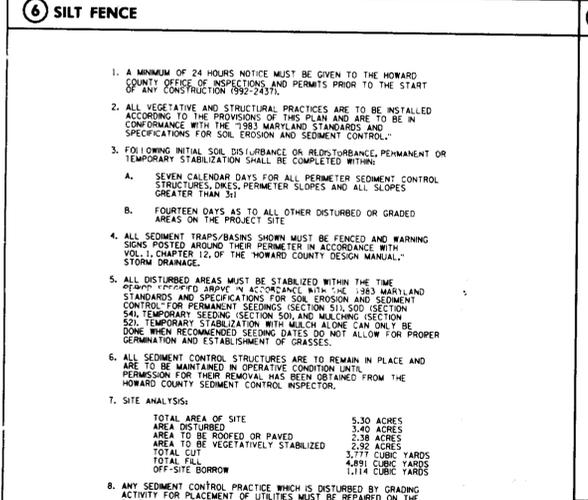
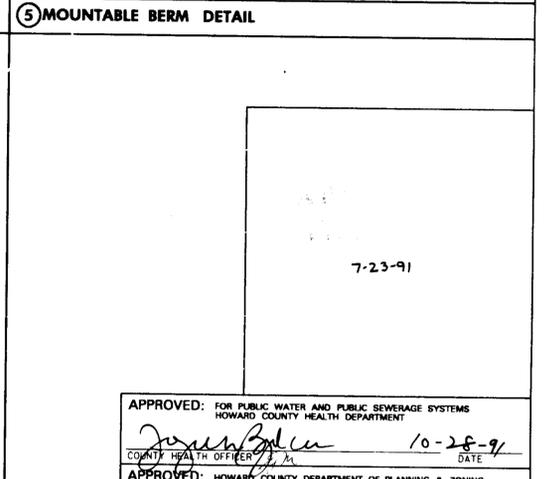
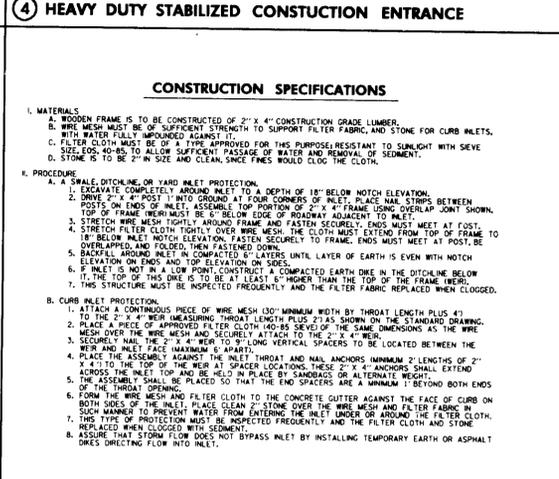
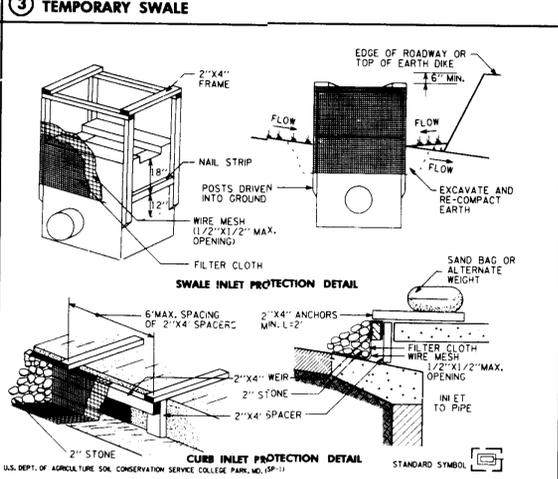
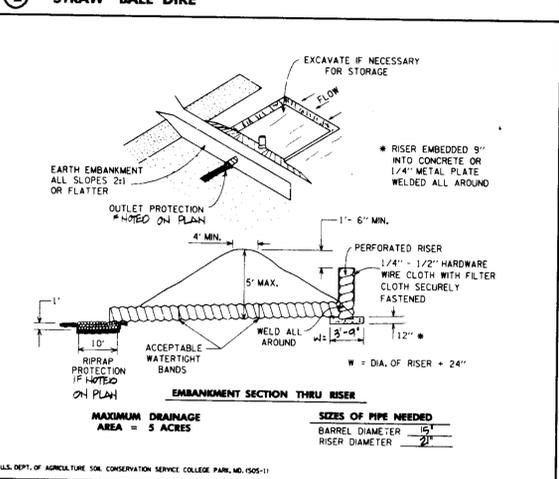
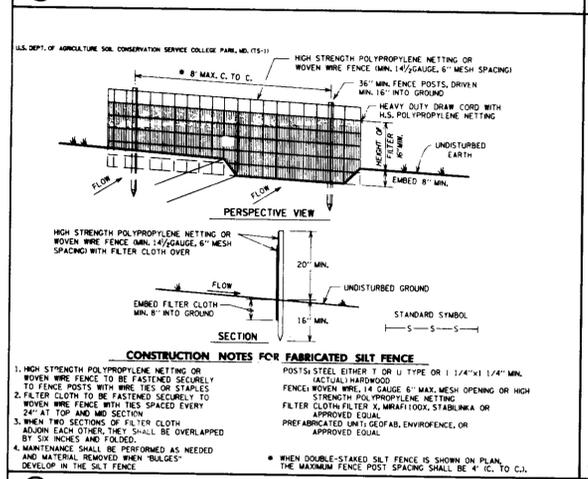
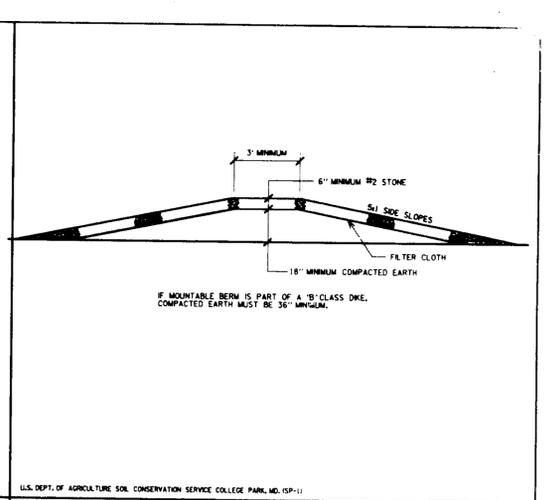
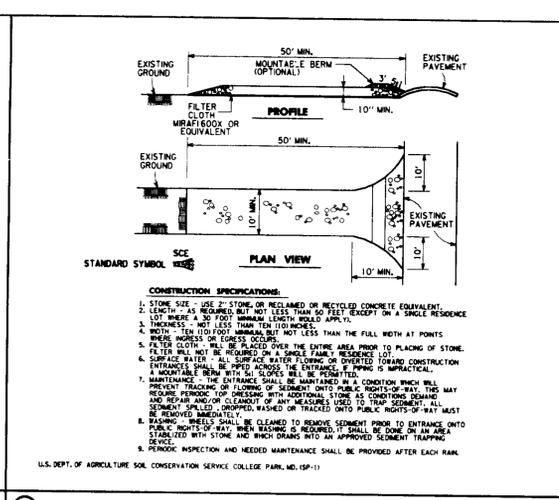
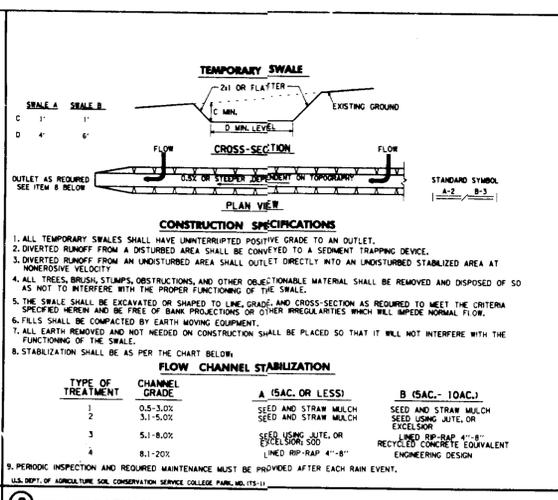
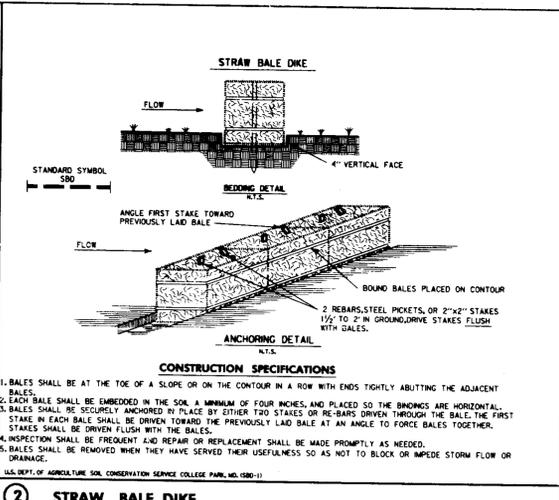
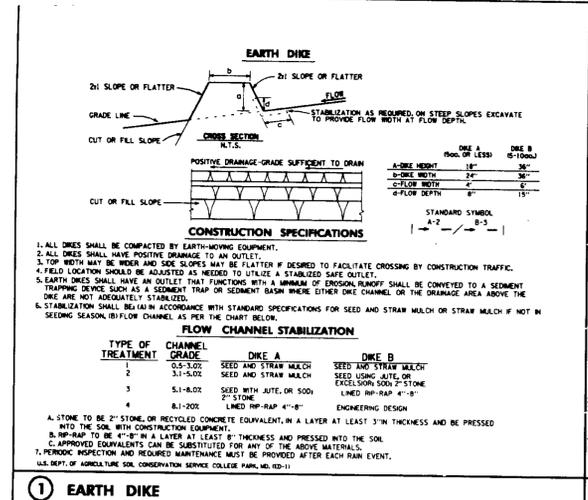
CHK'D. BY: R.A.B./T.J. Approved

3 OF 10

SDP-91-120

- UTILITY CONSTRUCTION OUTSIDE SEDIMENT CONTROL PRACTICES**
- EXCAVATED TRENCH MATERIAL SHALL BE PLACED ON UPSTREAM SIDE OF TRENCH.
 - IMMEDIATELY FOLLOWING PIPE INSTALLATION, THE TRENCH SHALL BE BACKFILLED, COMPACTED AND IMMEDIATELY STABILIZED WITH SOIL, BEDROCK, OR SODDED MECHANICAL STABILIZATION AT THE END OF EACH WORK DAY.
 - SILT FENCE SHALL BE PLACED IMMEDIATELY DOWN STREAM OF ANY DISTURBED AREA REFERRED TO BEHIND DISTURBED LONGER THAN ONE (1) WORKING DAY. SILT FENCE AS PER SCS STANDARD DRAWING - 50-112.
 - THE CONTRACTOR SHALL OBTAIN AND OPEN TRENCH THE MINIMUM PRACTICAL AREA REQUIRED TO ACCOMMODATE THE WORK DESIGNATED FOR EACH DAY.
 - ALL SEDIMENT AND EROSION CONTROL PRACTICES AND VEGETATIVE STABILIZATION SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS.





OWNER: BON SECOURS HOSPITAL BALTIMORE INC. 2000 W. BALTIMORE ST. BALTIMORE, MD. 21223

DES. BY: DBS SCALE: NONE PROJ. NO. 81015L1

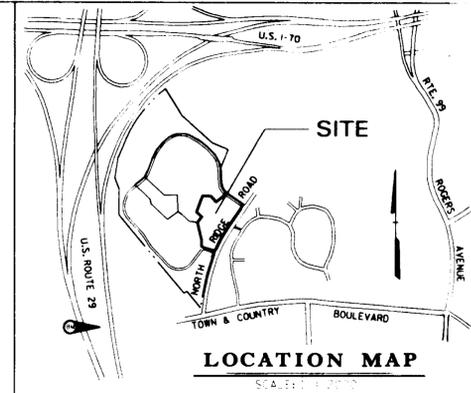
DRN. BY: JCW-WAL DATE: 10TH SEPT. 91

CHKD. BY: RAB/TJ Approved

4 OF 10

SDP-91-120

ZFA#201181015L1.SCI



BENCHMARK: ELEVATION 469.057 CONTROL STATION 7342001
 BEING MARKED: HOWARD COUNTY, MARYLAND
 BEING A CONCRETE MONUMENT ON TOP OF HOGSBACK BETWEEN MD. RTE. 29 NORTH
 AT C. 4.4000' NORTH OF U.S. RTE. 40

7-23-91

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
James G. Lee 10-28-91
 COUNTY HEALTH OFFICER DATE
 APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
James G. Lee 11/14/91
 PLANNING & ZONING OFFICER DATE
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE
 SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James G. Lee 10/28/91
 DIRECTOR DATE
William B. Ray 10-21-91
 CHIEF BUREAU OF ENGINEERING DATE

Date	No.	Revision	Description

BON SECOURS
 EXTENDED CARE FACILITY EXPANSION
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 OWNER / DEVELOPER
 BON SECOURS HOSPITAL BALTIMORE INC.

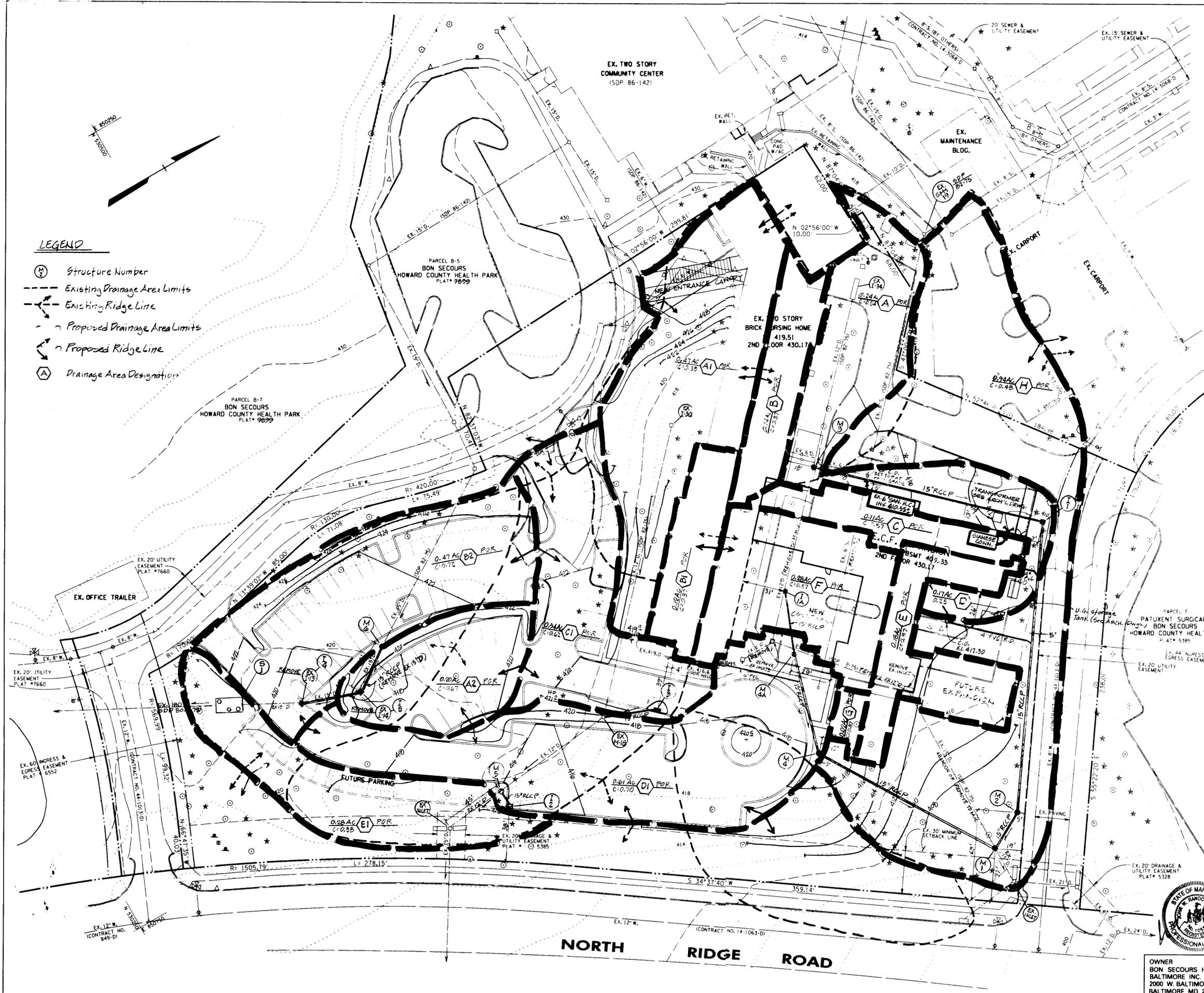
DAFT McCUNE WALKER, INC.
 LAND PLANNING CONSULTANTS
 LANDSCAPE ARCHITECTS
 ENGINEERS SURVEYORS
 10 EAST PENNSYLVANIA AVENUE
 BALTIMORE, MD. 21202
 TELEPHONE: 410.234.3333

TITLE
**UTILITY LAYOUT
 & DRAINAGE AREA MAP**
 SUBDIVISION NAME: BON SECOURS HOWARD COUNTY HEALTH PARK
 SECT./AREA: 2-1
 LOT/PARCEL: PARCEL B-2
 PLAT/DB L/P: 6552
 BLOCK: 23
 ZONE: POP
 TAX/ZONE MAP: 17
 ELEC. DIST.: 7
 CENSUS TR.: 6026
 WATER CODE: F03
 SEWER CODE: 1454400

ADDRESS CHART
 LOT NUMBER: PARCEL B-2
 STREET ADDRESS: 3000 NORTH RIDGE ROAD

DES. BY: TJ
 DRN. BY: JCN-WAL
 CHK'D. BY: RAB
 SCALE: 1" = 30'
 DATE: SEPT. 10, 1991
 PROJ. NO.: 81015L1
 6 of 10

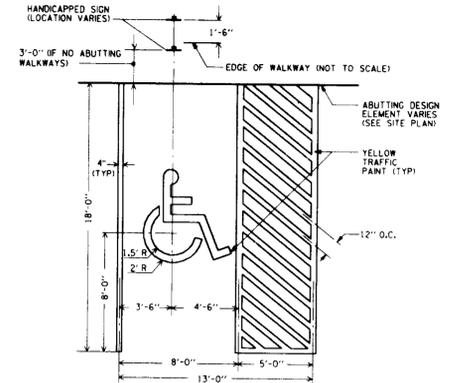
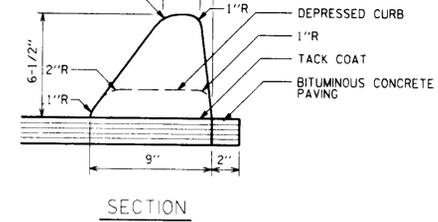
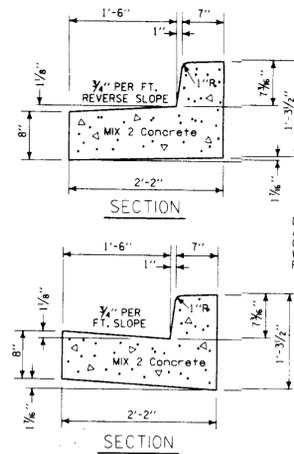
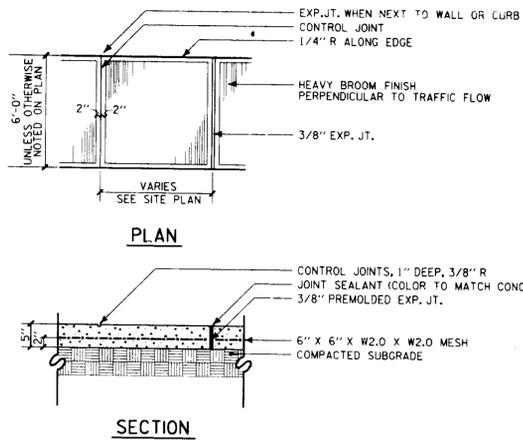
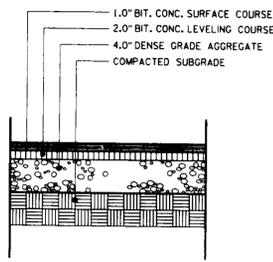
SDP-91-120



- LEGEND**
- (M) Structure Number
 - - - Existing Drainage Area Limits
 - - - Existing Ridge Line
 - - - Proposed Drainage Area Limits
 - - - Proposed Ridge Line
 - (A) Drainage Area Designation



OWNER
 BON SECOURS HOSPITAL
 BALTIMORE INC.
 2000 W. BALTIMORE ST.
 BALTIMORE, MD. 21223



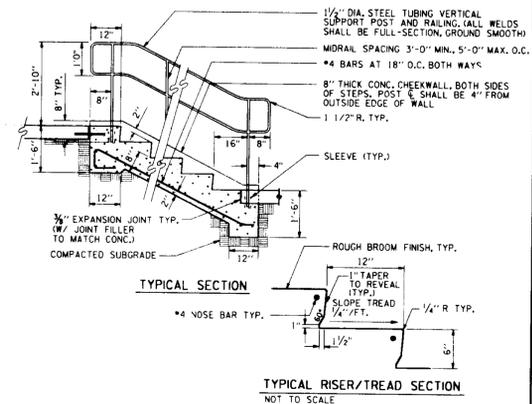
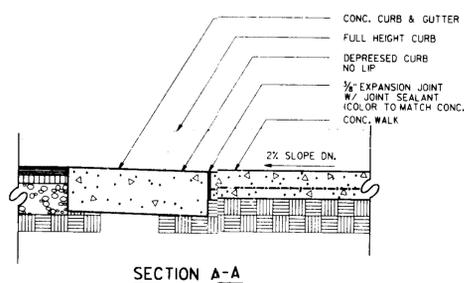
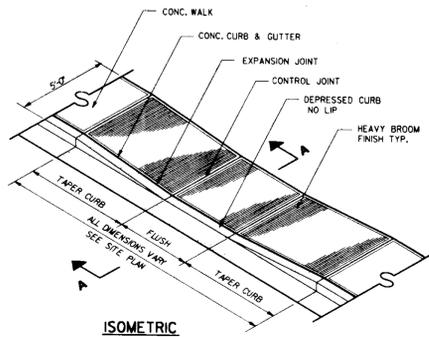
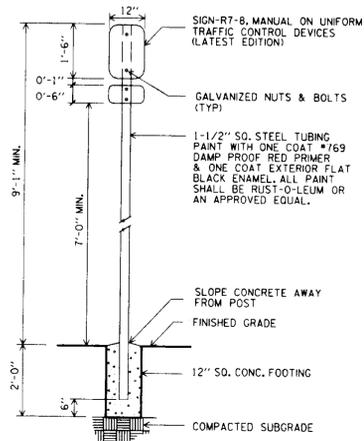
① LIGHT DUTY PAVING

② CONCRETE WALK

③ 7\"/>

④ BIT. CONC. MOUNTABLE CURB

⑤ HANDICAPPED PARKING SPACE

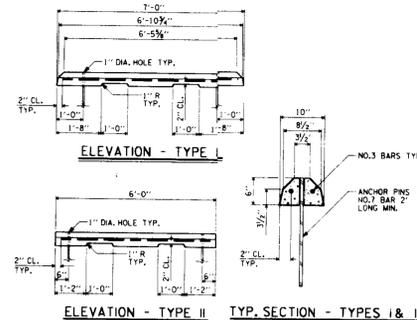
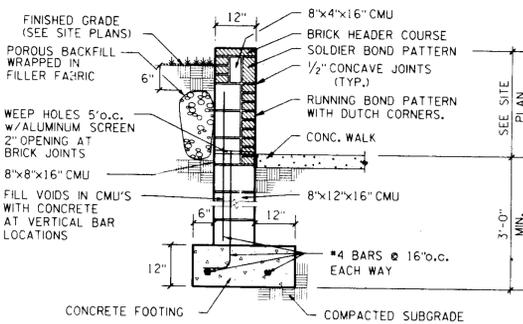
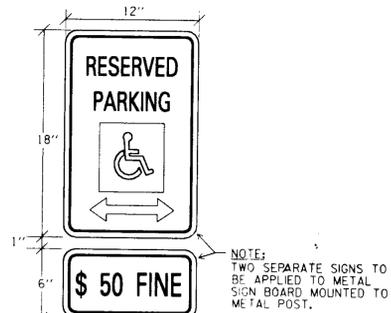


⑥ HANDICAPPED SIGN

⑦ HANDICAPPED /NOSE DOWN AND FLUSH CURB

⑧ HANDICAPPED /FLUSH CURB

⑨ CONCRETE STEPS



⑩ HANDICAPPED SIGN

⑪ BRICK RETAINING WALL

⑫ PRECAST CONCRETE WHEELSTOP

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER: *[Signature]* DATE: 10-25-91
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
DIRECTOR: *[Signature]* DATE: 11/4/91
DIRECTOR: *[Signature]* DATE: 11/19/91
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR: *[Signature]* DATE: 10/23/91
CHIEF, BUREAU OF ENGINEERING: *[Signature]* DATE: 10-23-91

Date	No.	Revision Description

BON SECOURS
EXTENDED CARE FACILITY EXPANSION
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
OWNER / DEVELOPER
BON SECOURS HOSPITAL BALTIMORE INC.

DAFT McCUNE WALKER, INC.
LAND PLANNING CONSULTANTS
LANDSCAPE ARCHITECTS
ENGINEERS SURVEYORS
200 EAST PENNSYLVANIA AVENUE
TOWSON, MD. 21204
TELEPHONE: 301-296-3333

TITLE			
SITE DETAILS			
SUBDIVISION NAME	BON SECOURS	SECT./AREA	LOT/PARCEL #
HOWARD COUNTY HEALTH PARK	2-1		PARCEL B-2
PLAT# OR L/F	BLOCK#	ZONE	TAX/ZONE MAP
6552	23	POR	17
WATER CODE	F03	SEWER CODE	1454400
ADDRESS CHART			
LOT NUMBER	STREET ADDRESS		
PARCEL B-2	3000 NORTH RIDGE ROAD		
DES. BY	JLE	SCALE:	NONE
DRN. BY	JCW-WALL	DATE:	10TH SEPT. 91
CHK'D. BY	RAB	Approved	
PROJ. NO.	810151		



OWNER
BON SECOURS HOSPITAL
BALTIMORE INC.
2000 W. BALTIMORE ST.
BALTIMORE, MD. 21223

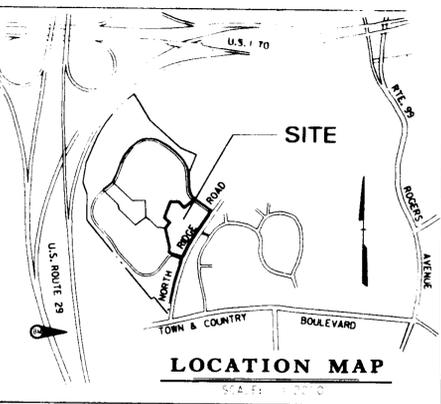
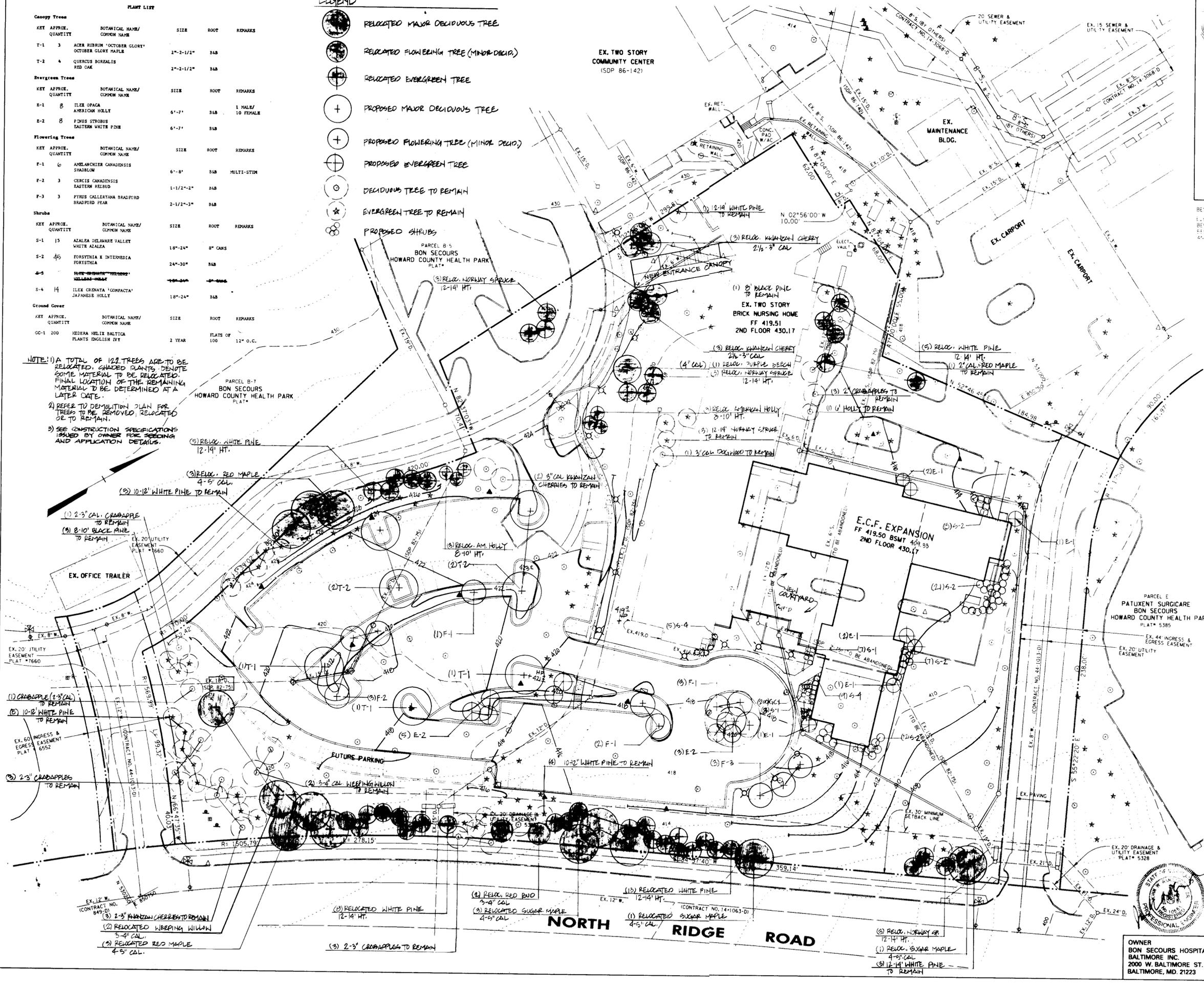
PLANT LIST

KEY APPROX. QUANTITY	BOTANICAL NAME / COMMON NAME	SIZE	ROOT	REMARKS
T-1 3	ACER RUBRUM 'OCTOBER GLORY'	2'-2-1/2"	3/8"	
T-2 4	QUERCUS BOREALIS RED OAK	2'-2-1/2"	3/8"	
Evergreen Trees				
E-1 8	ILEX OPACA AMERICAN HOLLY	6'-7"	3/8"	1 MALE / 10 FEMALE
E-2 8	PINUS STROBUS EASTERN WHITE PINE	6'-7"	3/8"	
Flowering Trees				
F-1 6	AMELANCHIER CANADENSIS SHADBLOW	6'-8"	3/8"	MULTI-STEM
F-2 3	CERCIS CANADENSIS EASTERN REDBUD	1-1/2"-2"	3/8"	
F-3 3	FRAXINUS CALLESTANA BRADFORD BRADPOD PEAR	2-1/2"-3"	3/8"	
Shrubs				
S-1 15	AZALEA DELAWARE VALLEY WHITE AZALEA	18"-24"	5" CANE	
S-2 45	FORSYTHIA X INTERMEDIA FORSYTHIA	24"-30"	3/8"	
S-3 5	HYDRANGEA 'NINEBARK' JAPANESE HOLLY	18"-24"	3/8"	
S-4 14	ILEX CRDNATA 'CONFECTION' JAPANESE HOLLY	18"-24"	3/8"	
Ground Cover				
GC-1 200	HEDERA HELIX BALTICA PLANTS ENGLISH IVY	2 YEAR	PLANTS OF 100	12" O.C.

- LEGEND**
- RELOCATED MAJOR DECIDUOUS TREE
 - RELOCATED FLOWERING TREE (MINOR DECID.)
 - RELOCATED EVERGREEN TREE
 - PROPOSED MAJOR DECIDUOUS TREE
 - PROPOSED FLOWERING TREE (MINOR DECID.)
 - PROPOSED EVERGREEN TREE
 - DECIDUOUS TREE TO REMAIN
 - EVERGREEN TREE TO REMAIN
 - PROPOSED SHRUBS

NOTE:

- A TOTAL OF 122 TREES ARE TO BE RELOCATED. SHADDED PLANTS DENOTE SOME MATERIAL TO BE RELOCATED. FINAL LOCATION OF THE REMAINING MATERIAL TO BE DETERMINED AT A LATER DATE.
- REFER TO DEMOLITION PLAN FOR TREES TO BE REMOVED, RELOCATED OR TO REMAIN.
- SEE CONSTRUCTION SPECIFICATIONS ISSUED BY OWNER FOR SEEDING AND APPLICATION DETAILS.



BENCHMARK:
 ELEVATION 469.057 CONTROL STATION 3342001
 BENCHMARK HOWARD COUNTY, MARYLAND
 FEIK & CONCRETE MONUMENT ON TOP OF HOGSBACK BETWEEN MD. RTE. 29 NORTH
 407 SOUTH 4,000' NORTH OF U.S. RTE. 40

7-23-91

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT	<i>Joseph B. ...</i>	10-28-91
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING	<i>James ...</i>	11/14/91
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	<i>James ...</i>	10/28/91
APPROVED: FOR PLANNING & LAND DEVELOPMENT	<i>Shirley ...</i>	11/19/91

Date	No.	Revision Description
9/16/91	1	ADDED 'RELOCATED' TO REMAIN / LEGEND / SCREENING

BON SECOURS
EXTENDED CARE FACILITY EXPANSION
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

OWNER / DEVELOPER
BON SECOURS HOSPITAL BALTIMORE INC.

DAFT McCUNE WALKER, INC.
 LAND PLANNING CONSULTANTS
 LANDSCAPE ARCHITECTS
 ENGINEERS, SURVEYORS
 200 EAST PENNSYLVANIA AVENUE
 TOWSON, MD. 21284
 TELEPHONE: 501-296-3333

TITLE
PLANTING PLAN

SUBDIVISION NAME	BON SECOURS	SECT. AREA	LOT/PARCEL
HOWARD COUNTY HEALTH PARK	2-1	PARCEL B-2	
PLAT OR L.T. BLOCK	6552	23	POR
ZONE	17	TAX/ZONE MAP	ELEC. DIST. 2
CENSUS TR.	60246		
WATER CODE	F03	SEWER CODE	1454400
ADDRESS CHART			
LOT NUMBER	STREET ADDRESS		
PARCEL B-2	3000 NORTH RIDGE ROAD		

DES. BY	JLE	SCALE: 1" = 30'	PROJ. NO. 81015L1
DRN. BY	JCW-WALL	DATE: SEPT. 10, 1991	9 of 10
CHK'D. BY	RAB	Approved	

SDP-91-120

