

project name/owner's name
**HOWARD COUNTY
GENERAL HOSPITAL**
COLUMBIA, MARYLAND

project number
21044
86018.00

owner's signature

project engineer

DAVID ROE P.E. #14666
HANSEN LIND MEYER P.C.
DRAWER 310 PLAZA CENTRE ONE
IOWA CITY, IOWA 52244

seal/signature

issued for

item date
SITE PLAN SUBMITTED 5-30-86
REVISED 7/11/86

BUILDING ADDITION TO SDP-86-17

drawn by BUT/DAS

checked by DCR

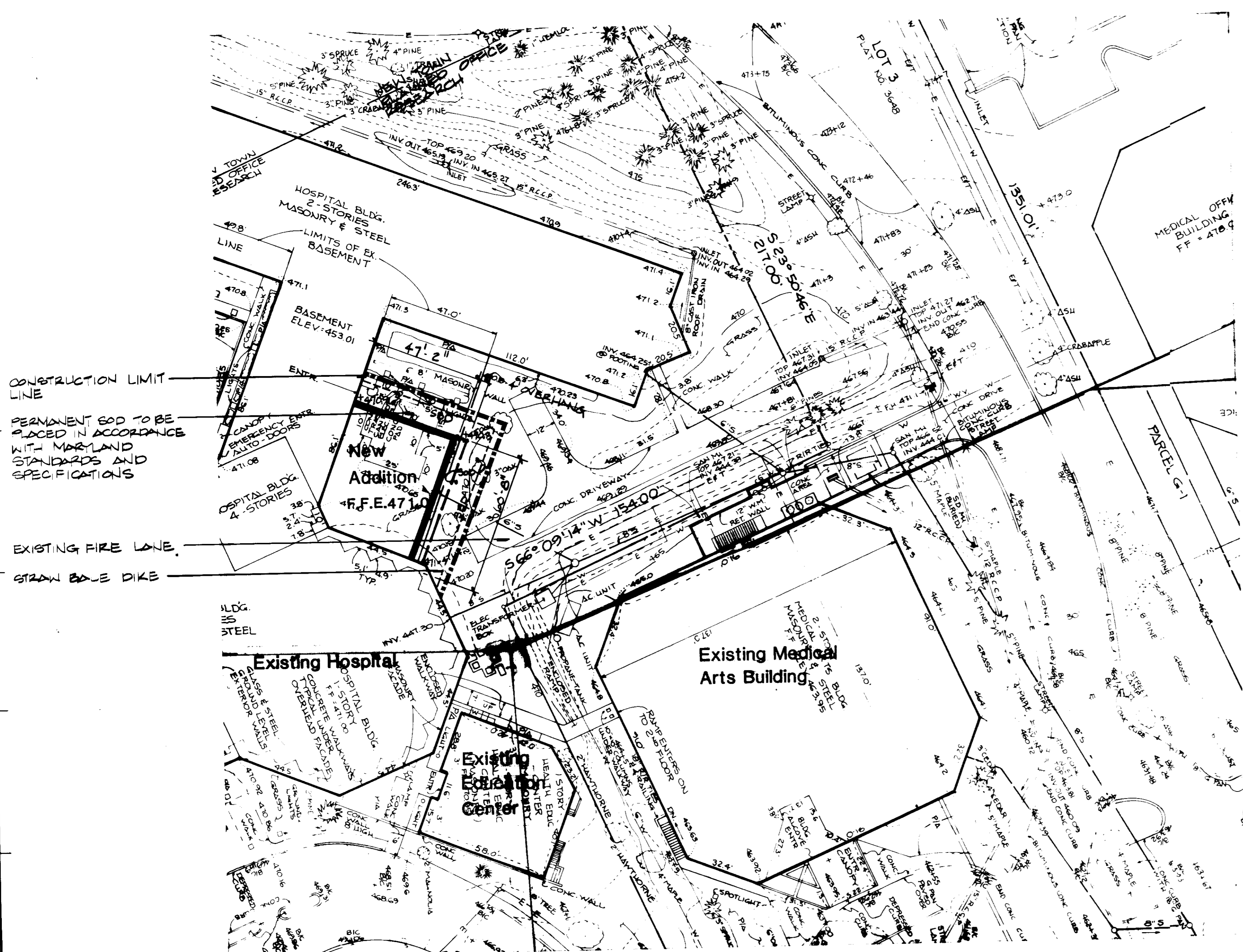
sheet title
**Layout, Grading and
Erosion Control Plan**

sheet number
2 of 2

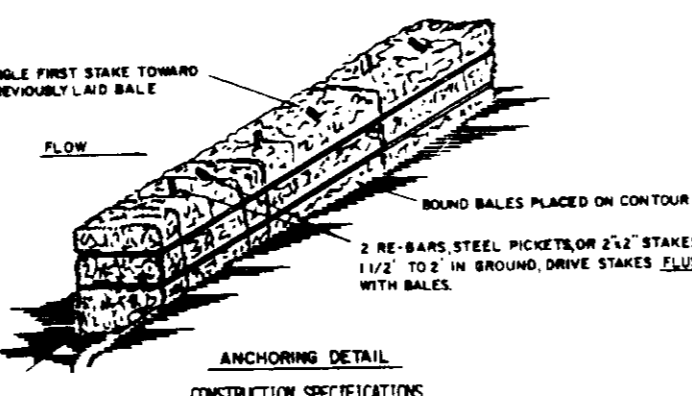
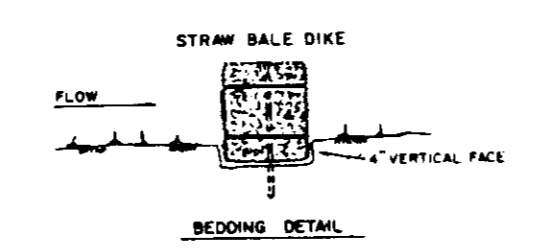
SDP-86-207

SEDIMENT CONTROL NOTES

- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permit 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 their 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 19.606 Acres
Area Disturbed .296 Acres
Area to be roofed or paved .022 Acres
Area to be vegetatively established .052 Acres
Total Cut 200 cu. yds
Total Fill 0 cu. yds
Offsite waste/borrow area location: SITE TO BE SELECTED BY CONTRACTOR OR APPROVED BY ARCHITECT.
- 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) 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.



CONSTRUCTION LIMIT LINE
PERMANENT SOD TO BE PLACED IN ACCORDANCE WITH MARYLAND STANDARDS AND SPECIFICATIONS
EXISTING FIRE LANE
STRAW BALE DIKE



1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH BARS TIGHTLY SPACING THE ADJACENT BALES.
2. EACH BALE SHALL BE SPICED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR ROUND DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPER STORM FLOW OR DRAINAGE.

STRAW BALE DIKE DETAIL NO SCALE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER *Joseph J. Wilson* DATE 8-20-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
DIRECTOR *John M. Williams* DATE 8-21-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR *John F. Stoney* DATE 8-18-86
CHIEF BUREAU OF ENGINEERING *John F. Stoney* DATE 8-18-86

ADDRESS CHART					
LOT NUMBER	STREET ADDRESS				
2	5755 Cedar Lane				
Columbia, Maryland 21044					
SUBDIVISION NAME	SECT./AREA I.D.				
TC	8/2 LOT 2				
PLAT # OR L/F	BLOCK #	ZONE	TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
3648	5	FOR	35	5	6053.02
WATER CODE		SEWER CODE			
106		5522500			

Reviewed for *Howard S.C.D.*
and meet Technical requirements
James M. Williams 8/17/86
U.S. Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Andy Craft 8-17-86

By the Developer:
I 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.
David J. Stables 7/1/86
Print name below signature

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.
David J. Stables 7/1/86
Signature of Engineer Date

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 6-25-86
HLM