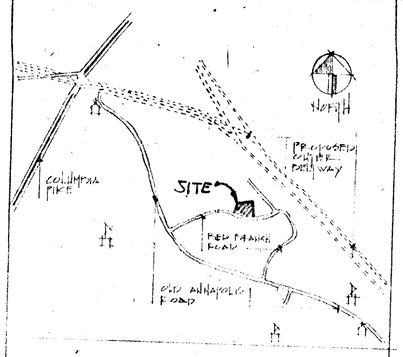
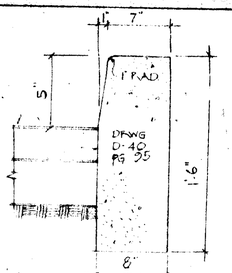


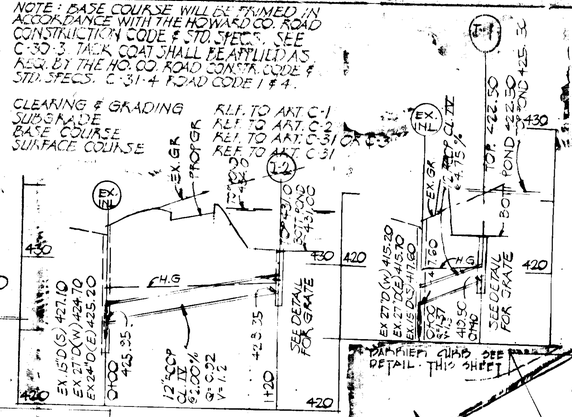
VICINITY MAP
SCALE 1" = 2000'

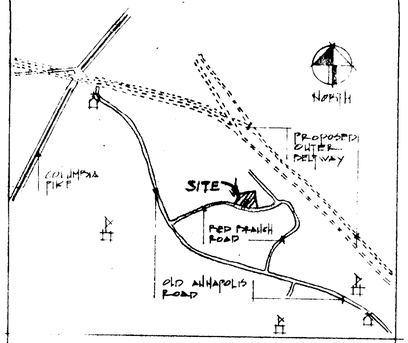


HOWARD CTY. STANDARD
P.C.C. CURB
SCALE NONE

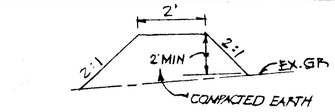
NOTE: BASE COURSE WILL BE TRIMMED IN ACCORDANCE WITH THE HOWARD CO. ROAD CONSTRUCTION CODE & STD. SPECS. SEE C-30-3. TACK COAT SHALL BE APPLIED AS REQ. BY THE HO. CO. ROAD CONSTR. CODE & STD. SPECS. C-31-4 ROAD CODE I & 4.

CLEARING & GRADING — RLL TO ART. C-1
SUBGRADE — RLL TO ART. C-2
BASE COURSE — RLL TO ART. C-31 OR C-33
SURFACE COURSE — RLL TO ART. C-31

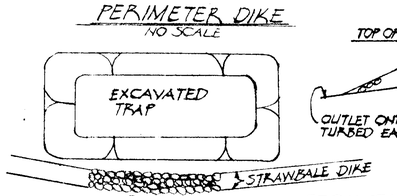

EX. GR.
PROFILE
EX. 15"D (S) 427.10
EX. 27"D (W) 424.10
EX. 24"D (E) 425.20
EX. 27"D (W) 415.30
EX. 27"D (E) 415.80
EX. 15"D 417.80
EX. 15"D 417.60
EX. 15"D 415.50
EX. 15"D 415.30
12"CCP @ 1.00%
Q=3.22
V=1.8
SEE DETAIL FOR GRATE
DEPRESSED CURB SEE DETAIL THIS SHEET
TOP 422.50
BOT POND 422.50
CONC 425.30
EX. GR.
PROFILE
4.75% ± GUTTER
EX. 15"D
EX. 24"D
EX. 27"D
EX. 15"D
EX. 15"D
EX. 15

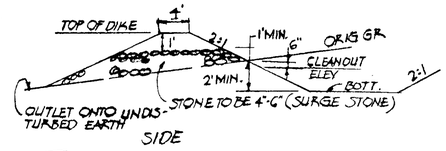


VICINITY MAP
SCALE 1" = 2000'



PERIMETER DIKE
NO SCALE





SEDIMENT TRAP & STONE OUTLET STRUCTURE DETAILS

DRAINAGE DATA

	TRAP A'	TRAP B'
DRAINAGE AREA	1.7 AC	2.2 AC.
DISTURBED AREA	1.7 AC	2.2 AC.
VOL. REQ.	114 CY	147 CY.
VOL. PROV.	114 CY	147 CY.
KEY SIZE OF TRAP	30'x10'x2.6'	30'x35'x3.8
STONE OUTLET STRUCTURE	10'	13'

ZONED NEW TOWN EMPLOYMENT CENTER INDUSTRIAL

USE	REQUIRED	PROVIDED
HEIGHT	50' MAX.	25'-0"
AREA		3.968 AC.
FRONT YARD	50	50'
SIDE YARD		50'
REAR YARD		50'
BLDG COVERAGE	40% MAX.	8%
OFF STREET PARKING	77	106
AISLE	24' MIN.	24' MIN.
SPACE MINIMUM	200 SF	200 SF

SEDIMENT CONTROL NOTES
1. NOTIFY THE HOWARD CO. SOIL CONSERVATION DISTRICT AT LEAST 24 HOURS BEFORE STARTING ANY WORK: PHONE 465-5000 EXT. 328 OR 465-3180.
2. ALL SEDIMENT CONTROL DEVICES ARE TO REMAIN IN PLACE UNTIL PERMISSION FOR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD SOIL CONSERVATION DISTRICT.
3. STRUCTURAL MEASURES SUCH AS BERMS, DIKES, TRAPS, BASINS, ETC. WILL BE INSTALLED AND STABILIZED ACCORDING TO THE PLAN PRIOR TO ANY GRADING, CLEARING OR DISTURBANCE OF THE EXISTING SURFACE OF THE SITE.
4. ON SITE INSPECTION & MAINTENANCE OF ALL SEDIMENT CONTROL MEASURES INCLUDING CLEANOUT OF SEDIMENT TRAPS & BERMS AND PROPER ESTABLISHMENT OF ALL PLANNED VEGATIVE MEASURES WILL BE THE RESPONSIBILITY OF THE DEVELOPER OR HIS REPRESENTITIVE ON THE SITE ON A CONTINUING DAY TO DAY BASIS.

PROCEDURE - PERMANENT SEEDING
1. APPLY 50 LBS/1000 S.F. OF LIMESTONE
2. APPLY FERTILIZER @ RATE OF 25 LBS. OF 10-10-10 PER 1000 SF DEPENDING ON SOIL TEST.
3. HARROW OR DISC FERTILIZER & LIMESTONE INTO SOIL TO A DEPTH OF 3 IN.
4. SEED WITH KY 31 TALL FESCUE @ RATE OF OF 5 LBS./1000 S.F. OR OAKLAND RIDGE IND PK SECTION 2 PD 15-F-5 OTHER S.C.S. APPROVED PLAN.
5. MULCH WITH SMALL GRAIN STRAW 1.5 TO 2.0 TONS PER ACRE (75"-90"/1000 S.F.)
6. ANCHOR MULCH W/ STRATED ASPHALT @ 0.1 GAL/SQ. YD.

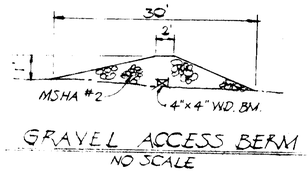
TEMPORARY SEEDING & SEEDING FOR BERMS
1. SEED IMMEDIATELY UPON CONSTRUCTION WITH 1 LB RYE GRASS/1000 SF)
2. APPLY 1 TON 46 LBS/1000 SF OF PULVERIZED DOLOMITIC LIMESTONE @ 11.5 LBS PER 1000 SF OR 4 LBS./1000 S.F. OF 10-10-10 OR EQUIVALENT FERTILIZER.
3. HARROW OR DISC LIME & FERTILIZER INTO THE SOIL TO A DEPTH OF AT LEAST 3 IN. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM, FINE SEEDBED HAS BEEN PREPARED. ON SLOPING LAND THE FINAL HARROWING OR DISCING SHOULD BE ON THE CONTOUR.
4. MULCH WITH STRAW @ 75 # /1000 SQ. FT.

SODDING NOTES
1. APPLY 50 LBS./1000 S.F. OF LIMESTONE
2. APPLY FERTILIZER @ RATE OF 25 LBS. OF 10-10-10 / 1000 SF DEPENDING ON SOIL TESTS.
3. HARROW OR DISC FERTILIZER & LIMESTONE INTO SOIL TO A DEPTH OF 3 IN.
4. LAY SOD CAREFULLY, INSURING THAT ALL JOINTS ARE BUTTED TIGHT
5. SOD TO BE WATERED IMMEDIATELY AFTER INSTALLATION.
6. ROLL SOD IMMEDIATELY AS SECTIONS ARE COMPLETED.

PHASE OF CONSTRUCTION
1. INSTALL SEDIMENT CONTROL DEVICES
2. ROUGH GRADE SITE
3. PROCEED WITH BUILDING & UTILITY CONSTRUCTION
4. REPAIR DEVICES AS REQUIRED
5. FINE GRADE SITE & PROCEED WITH PAVING
6. STABILIZE ACCORDING TO SED. CONTROL MAN.
7. REMOVE DEVICES AFTER OBTAINING HOWARD CO. APPROVAL

VEGATIVE COVER OPTIONS

FEB. 1 TO MAY 1	1. SOD 2. SEED & MULCH
MAY 1 TO AUG. 15	1. SOD 2. MULCH, ANCHOR, TOOL, THEN SEED DURING NEXT PERIOD
AUG 15 TO NOV 1	1. SOD 2. SEED & MULCH
NOV. 1 TO FEB. 1	1. SOD - DELAY UNTIL NEXT PERIOD IF GROUND IS FROZEN 2. MULCH, ANCHOR, TOOL THEN SEED DURING NEXT SEED PERIOD



GRAVEL ACCESS BERM
NO SCALE

SITE ANALYSIS

1. TOTAL AREA OF SITE	3.968	AC±
2. AREA TO BE GRADED	3.968	AC±
3. AREA TO BE ROOFED & PAVED	3.101	AC±
4. AREA TO BE REVEGATATED BY SEEDING	0.867	AC±
5. AREA TO BE LEFT NATURAL OR UNDISTURBED	0	AC

NOTE: PLACE PLYWOOD OVER THE OPEN END OF ANY UNFINISHED STORM DRAIN AT THE END OF EACH WORKING DAY

ENGINEER

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD CO. HEALTH DEPT.
Benjamin Bond Lee — 11-1-76
COUNTY HEALTH OFFICER — DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
Robert W. Zielman — 10/22/76
HOWARD S.C.D. — DATE

REVIEWED FOR HOWARD S.C.D. (NAME)
AND MEETS TECHNICAL REQUIREMENTS
Eric V. Norman — 10/22/76
SIGNATURE — DATE
U.S. SOIL CONSERVATION SERVICE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Thomas H. Nanney — 11-15-76
DIRECTOR — DATE
K. A. Cline — 11-16-76
CHIEF: DIVISION OF LAND DEVELOP. — DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE & STORM DRAINAGE SYSTEMS & PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
C. S. Regan Jr. — 11/14/76
DIRECTOR — DATE
Dramelle M. Mebeard — 11/15/76
CHIEF: BUREAU OF HIGHWAYS — DATE

DEVELOPER

I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THE PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND I AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DIST. OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
Martin S. Hamsher — 9/29/76
SIGNATURE — DATE

ENGINEER
HUDKINS ASSOC. INC.
200 E. JOPPA RD.
TOWSON, MD. 21204

I CERTIFY THAT THE 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.
Howard A. Kaltenbach — 9/10/76
SIGNATURE — DATE

DEVELOPER/OWNER
STANDARD MEDICAL SYSTEMS INC.
COLUMBIA, MARYLAND

LOT 79 OAKLAND RIDGE INDUSTRIAL PARK
SECTION 2 COLUMBIA, MARYLAND
2ND ELECTION DISTRICT HOWARD CO. MD.
TAX MAP NO PARCEL
PLAT BOOK 30 FOLIO 16
DEED OFFICE - PLANNING & ZONING.

INDEX OF SHEETS

t.m.nichols aia
architecture / industrial design
700 cathedral street
baltimore, maryland 21201

standard medical systems, inc.
lot 79 red branch road
columbia, maryland 21045

9-29-76
2/26/76
2 OF 2

SDP-77-016 3557