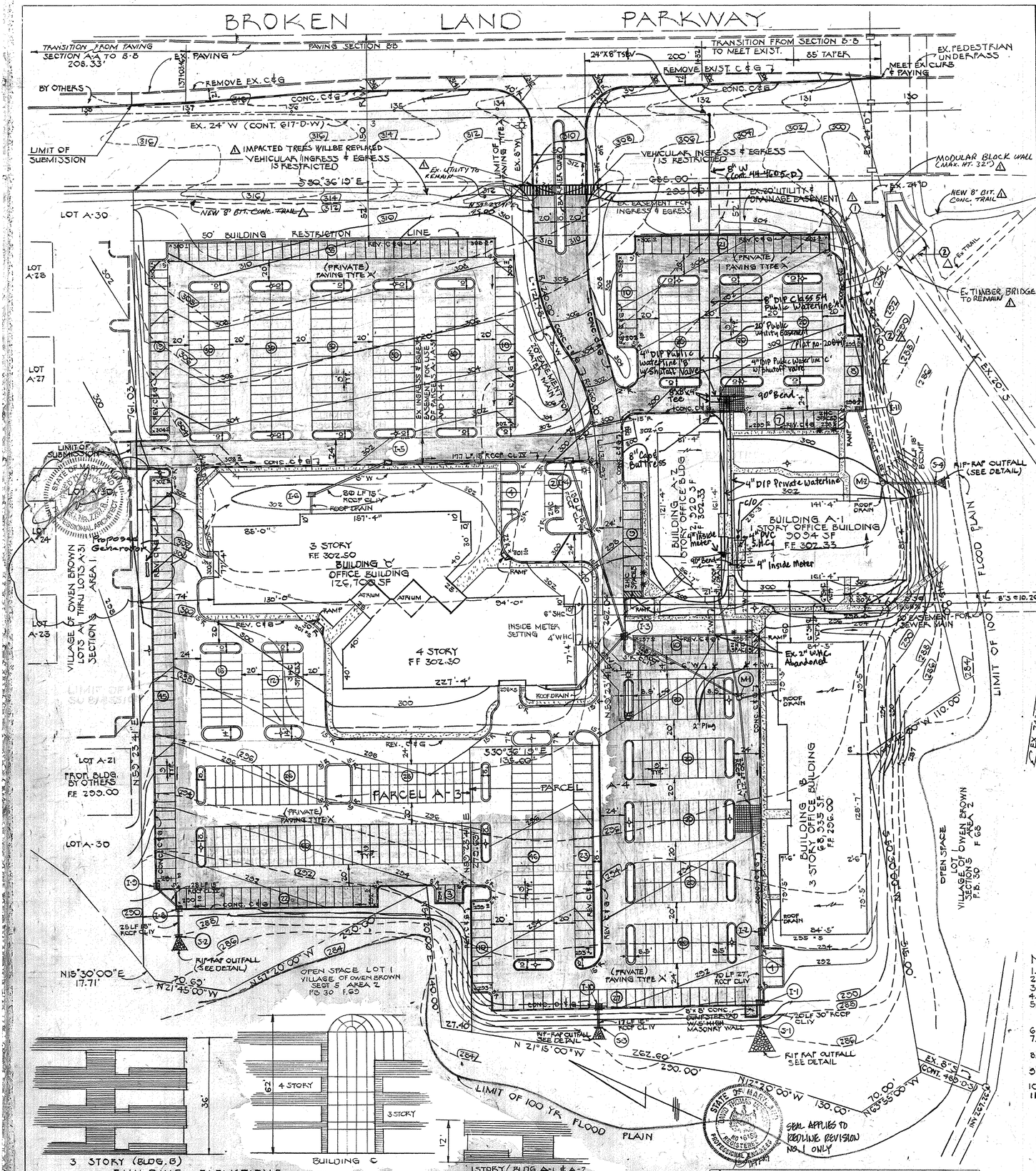


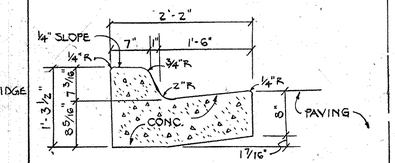
BAND C-3	1½" BIT. CONC. SURFACE COURSE
BAND C-3	
BAND A-3	2½" BIT. CONC. BINDER COURSE
BAND C-2 OR B-3	4" BIT. CONC. BASE COURSE
CR-4-67	7" CRUSHER RUN BASE

(BAND C-3) BITUM. CONC. SURFACE; CRUSHER RUN SUB BASE; 5", 10"

PAVING SECTION
BROKEN LAND PARKWAY — PAVEMENT TYPE A

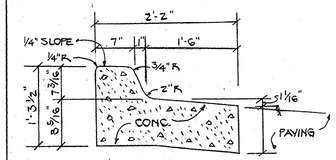
NOTE: BASE COURSE WILL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECS. SEE C-30-3. TACK COAT SHALL BE APPLIED AS REQUIRED BY THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECS. . C-31-4 ROAD CODE. 1 & 4

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

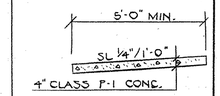


CONCRETE CURB & GUTTER
NO SCALE

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 9-5-84

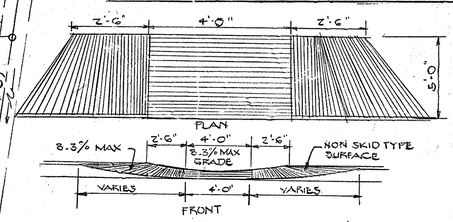


REVERSE CONCRETE CURB & GUTTER
NO SCALE



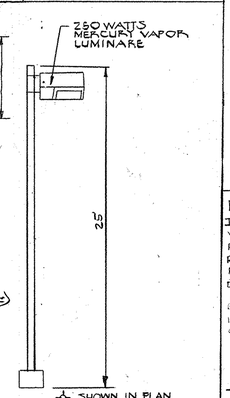
½" PREFORMED BITUM. EXPANSION JOINT FILLER TO BE PLACED @ INTERVALS OF 20' (TRANSVERSE)

SIDEWALK
NO SCALE



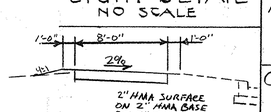
RAMP DETAIL @ BUILDING 'C'

△ ① CONCRETE RAMPS (30% @ 8.33% WITH LANDINGS) AND 36" HIGH RAILINGS
△ ② EX. TRAIL TO BE REMOVED AND REPLACED (GRADES ARE 20%±)



LIGHT DETAIL
NO SCALE

BLDG A-1	9821	BROKEN LAND PKWY		
" A-2	9801	"	"	"
" B	9841	"	"	"
" C	9861	"	"	"



TRAIL TYPICAL
△ NO SCALE

NOTES:
1. ZONING: NEW TOWN (EMPLOYMENT CENTER COMMERCIAL) F.D.P. PHASE 125
2. AREA: 13.933 AC.
3. BUILDING COVERAGE: 81,286 SF = 13.4% (TOTAL FLOOR AREA = 217,640 SF)
4. GREEN AREA 5.7 AC = 40.5%
5. PARKING DATA
   NO. SPACES REQUIRED 217,640 SF @ 2 SP/1000 SF = 436 SP
   NO. SPACES PROVIDED 775 SP PLUS 10 H.C. SP. = 786 SPACES
6. THIS SITE IS NOT AFFECTED BY A 100 YEAR FLOOD PLAIN
7. ALL HANDICAPPED SPACES SHALL BE PROVIDED WITH A SIGN AS SHOWN ON SHEET 2 (SHOWN THUS IN PLAN *)
8. ANY DAMAGE TO THE COUNTY RIGHT OF WAY OR PAVING WILL BE CONNECTED AT THE DEVELOPER'S EXPENSE.
9. MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD CO. ROAD CONSTRUCTION CODE.
10. LIGHT POLES SHOWN THUS +
11. October 23, 2009 REVISIONS SHALL BE CONSTRUCTED USING PUBLIC WATER EXTENSION PLANS BY SCHLER ENGINEERING DATED 1/21/09, APPROVED BY DPW 1/23/09, APPROVED BY DPZ 6/10/09. V.O.B. 3/1 A3 & A4

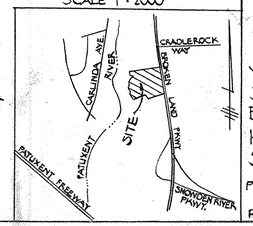
5201 23 HT COMMERCIAL 42 6TH 6061.02

WATER CODE

STATE OF MARYLAND — STEPHEN E. LEGUIZAMO — NO. 16169 — REGISTERED PROFESSIONAL ENGINEER

SEAL APPLIES TO REDLINE REVISION NO. 1 ONLY

△ REDLINE REVISION NO. 1 NOV. 17, 2009 — NEW HMA TRAIL



VICINITY MAP
SCALE 1" = 2000'

ENGINEER
HUDKINS ASSOCIATES, INC
200 EAST JOPPA ROAD
TOWSON, MD. 21204

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION — DATE 10-8-84
PLANNING DIRECTOR — DATE 10-8-84

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.
COUNTY HEALTH OFFICER — DATE 10-7-84

APPROVED: FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE SYSTEMS & PUBLIC ROADS HOWARD CO. DEPT. OF PUBLIC WORKS
DIRECTOR — DATE 10-2-84
CHIEF, BUREAU OF ENGINEERING — DATE 10-1-84

HOWARD SOIL CONSERVATION DISTRICT
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
SIGNATURE — DATE 9/27/84
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
HOWARD SOIL CONSERVATION DISTRICT — DATE 9-27-84

ENGINEER'S CERTIFICATE
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.
STATE OF MARYLAND — STEPHEN E. LEGUIZAMO — NO. 16169 — REGISTERED PROFESSIONAL ENGINEER
SIGNATURE — DATE 6-8-84

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SIGNATURE — DATE 5-19-84

ARCHITECT
ROBERT T. HOFMANN & ASSOCIATES
8600 LASALLE ROAD
TOWSON, MD. 21204

OWNER & DEVELOPER
COLUMBIA OFFICE ASSOCIATES
6000 EXECUTIVE BOULEVARD
ROCKVILLE, MD. 20852

NOTE: PREVIOUS BLDGS. C-1 & C-2 REVISED TO BLDG. "C" - REVISION TO SDP 81-115 C

REVISED SITE DEVELOPMENT PLAN
PARCEL A-3 & A-4
VILLAGE OF OWEN BROWN
SECTION 3 AREA 1
ELECTION DISTRICT 6
HOWARD COUNTY, MARYLAND
SCALE 1" = 50' MAY 10, 1984

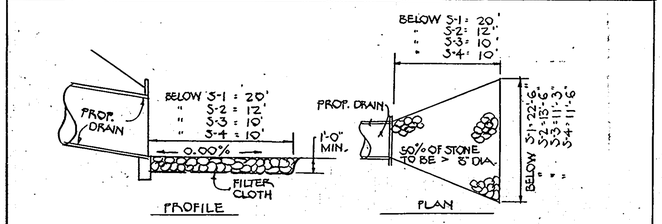
PLAT # 5201

REVISION TO SDP. 81-115 C — 1 OF 5

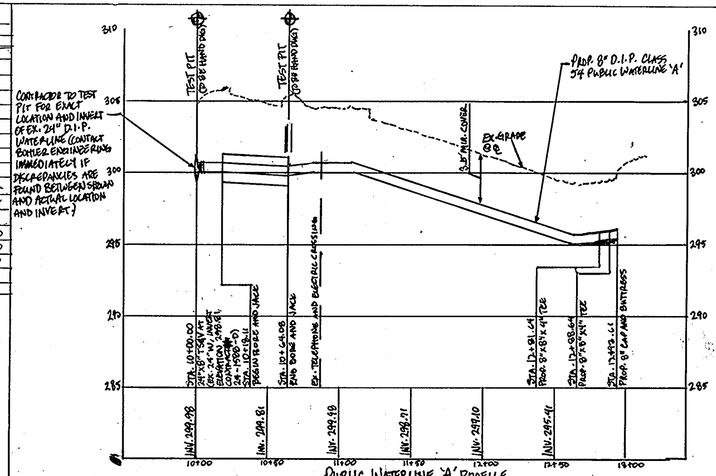
SDP-84-299 & 148

STRUCTURE SCHEDULE

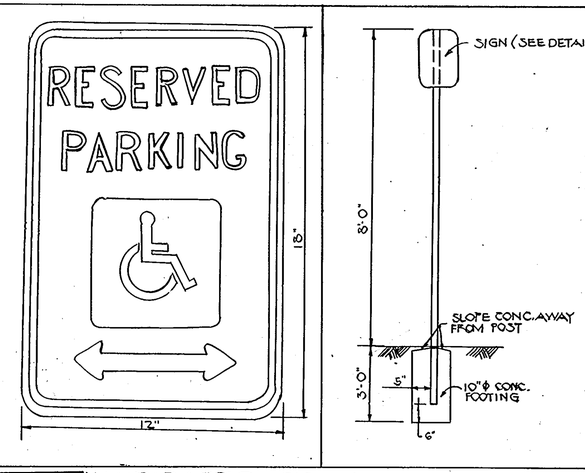
NO.	TYPE	TOP ELEV.	REMARKS	INVERT IN	INVERT OUT
~~I-1~~	~~S-COMB.~~	~~291.50~~	~~D-99 P.154~~	~~285.28~~	~~285.03~~
~~I-2~~	~~S-COMB. DEP.~~	~~292.60~~	~~D-99 P.154~~	~~286.63~~	~~286.33~~
~~I-3~~	~~DBLE S-COMB. DEP.~~	~~297.60~~	~~D-102 P.157~~	~~292.65~~	~~292.15~~
~~I-4~~	~~" " S.~~	~~295.50~~	~~D-98 P.153~~	~~292.34~~	~~292.07~~
I-5	YARD INLET	301.50	SD 4.14	294.87	293.15
~~I-4~~	~~A-10~~	~~300.40~~	~~SD 4.02~~	~~296.09~~	~~295.83~~
~~I-5~~	~~A-10~~	~~302.40~~	~~SD 4.02~~	~~298.75~~	~~298.50~~
I-8	S-COMB.	290.60	SD 4.33	286.75	286.50
I-9	S-COMB.	291.60	SD 4.33	-	287.45
~~I-10~~	~~DBLE S-COMB. DEP.~~	~~292.70~~	~~D-102 P.157~~	-	~~288.24~~
~~I-11~~	~~S-COMB.~~	~~298.50~~	~~D-99 P.154~~	-	~~294.81~~
~~S-1~~	~~C-ENDWALL~~	~~288.43~~	~~D-52 P.107~~	-	~~284.93~~
~~S-2~~	~~C-ENDWALL~~	~~288.30~~	~~D-52 P.107~~	-	~~286.00~~
~~S-3~~	~~C-ENDWALL~~	~~288.20~~	~~D-52 P.107~~	-	~~286.20~~
~~S-4~~	~~C-ENDWALL~~	~~286.25~~	~~D-52 P.107~~	-	~~284.60~~
~~M-1~~	~~STD. MH~~	~~SET IN FIELD~~	~~D-103 P.158~~	~~290.73~~	~~288.98~~
~~M-2~~	~~STD. MH~~	~~SET IN FIELD~~	~~D-103 P.158~~	~~292.75~~	~~292.50~~



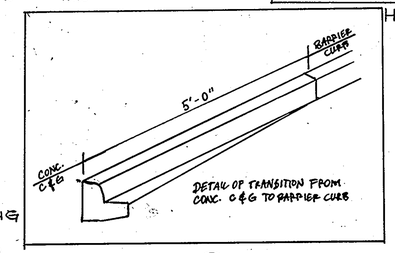
RIP-RAP OUTLET PROTECTION
NO SCALE



PUBLIC WATERLINE 'A' PROFILE
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'

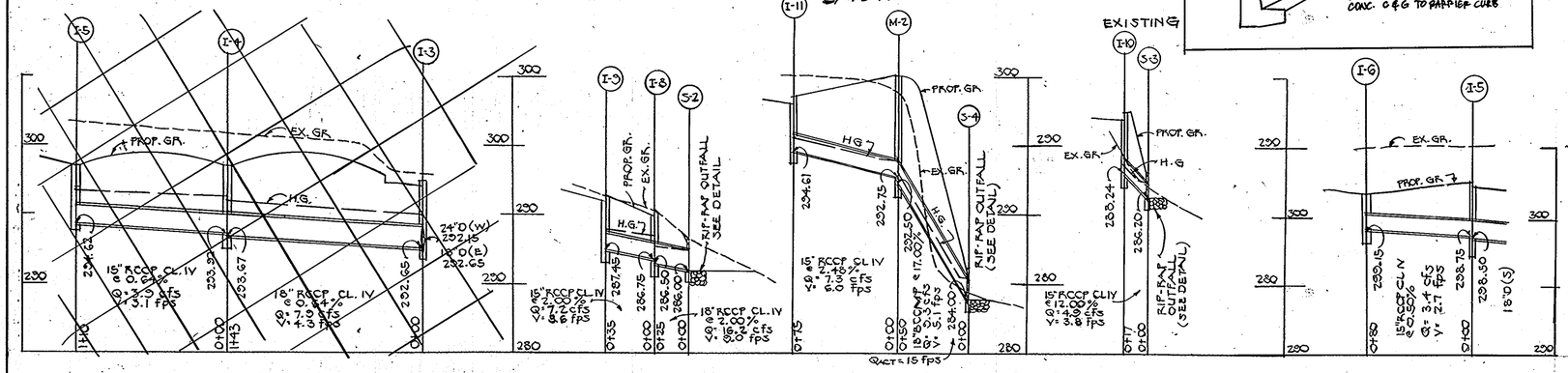


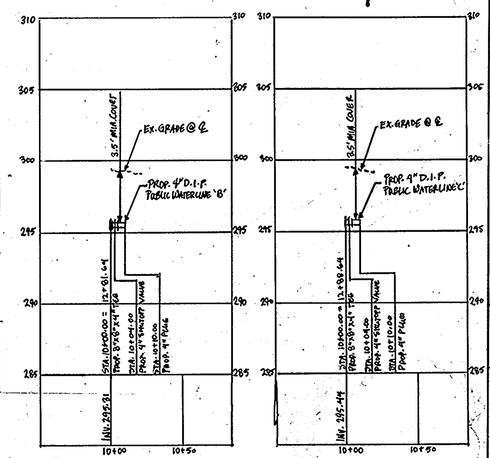
HANDICAPPED SIGN DETAIL



DETAIL OF TRANSITION FROM CONC. C&G TO BARRIER CURB

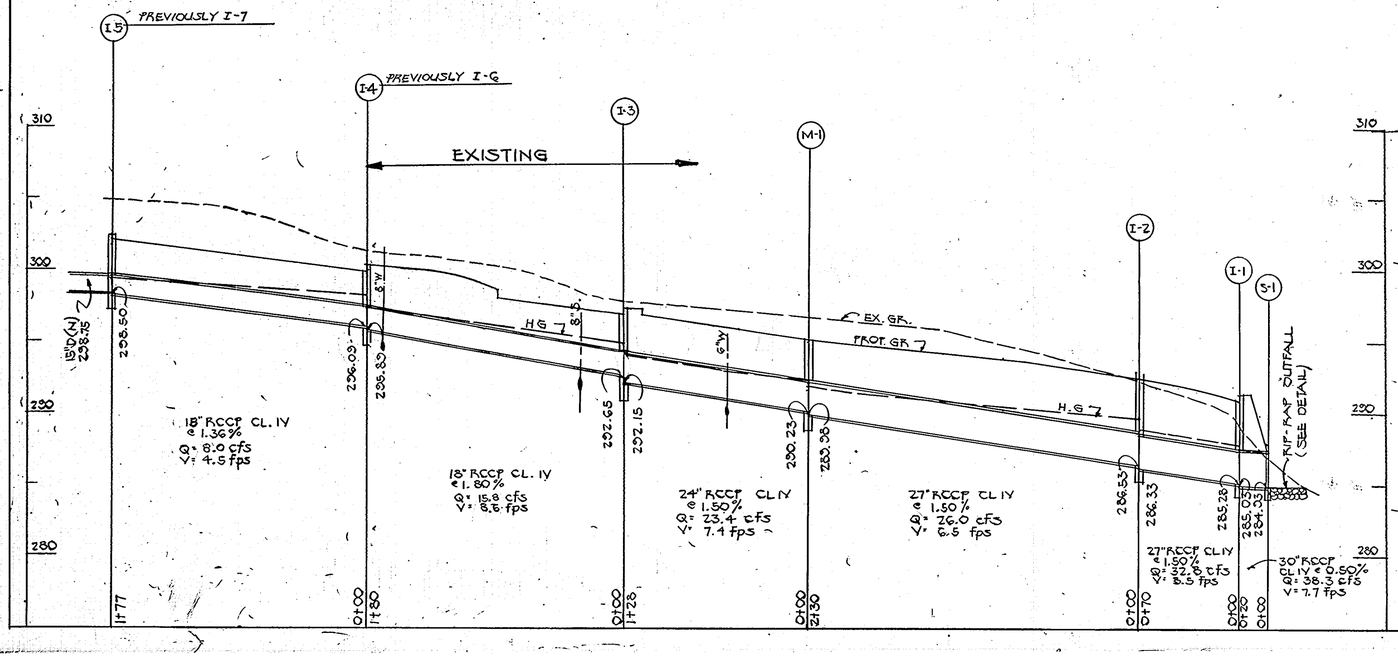
APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 9-5-84

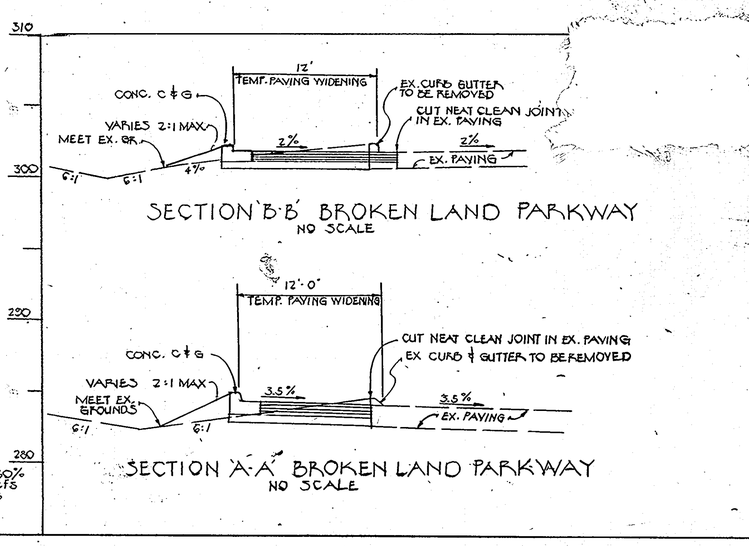




PUBLIC WATERLINE 'B' PROFILE
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'

PUBLIC WATERLINE 'C' PROFILE
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'





SECTION 'B-B' BROKEN LAND PARKWAY
NO SCALE

SECTION 'A-A' BROKEN LAND PARKWAY
NO SCALE

ENGINEER
HUDKINS ASSOCIATES, INC.
200 EAST JOPPA ROAD
TOWSON, MD. 21204

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION — DATE 10-8-84
PLANNING DIRECTOR — DATE 10-8-84

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

COUNTY HEALTH OFFICER — DATE 10-7-84

APPROVED: FOR PUBLIC WATER, PUBLIC SEWER STORM DRAINAGE SYSTEMS & PUBLIC ROADS HOWARD CO. DEPT. OF PUBLIC WORKS

DIRECTOR — DATE 10-2-84
CHIEF, BUREAU OF ENGINEERING — DATE

HOWARD SOIL CONSERVATION DISTRICT
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

SIGNATURE — DATE 9/27/84

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT — DATE 9-27-84

ENGINEER'S CERTIFICATE

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STATE OF MARYLAND — ARTHUR E. LEONARD — NO. 11438 — REGISTERED PROFESSIONAL ENGINEER

SIGNATURE — DATE 7-26-84

DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL & THAT ALL 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 & EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

SIGNATURE — DATE 5-19-84

ARCHITECT
ROBERT T. HOFMANN & ASSOCIATES
8600 LA SALLE ROAD
TOWSON, MD. 21204

OWNER & DEVELOPER
CROW-BROKEN LAND SOUTH ASSOCIATES
6000 EXECUTIVE BOULEVARD
ROCKVILLE, MD. 20852

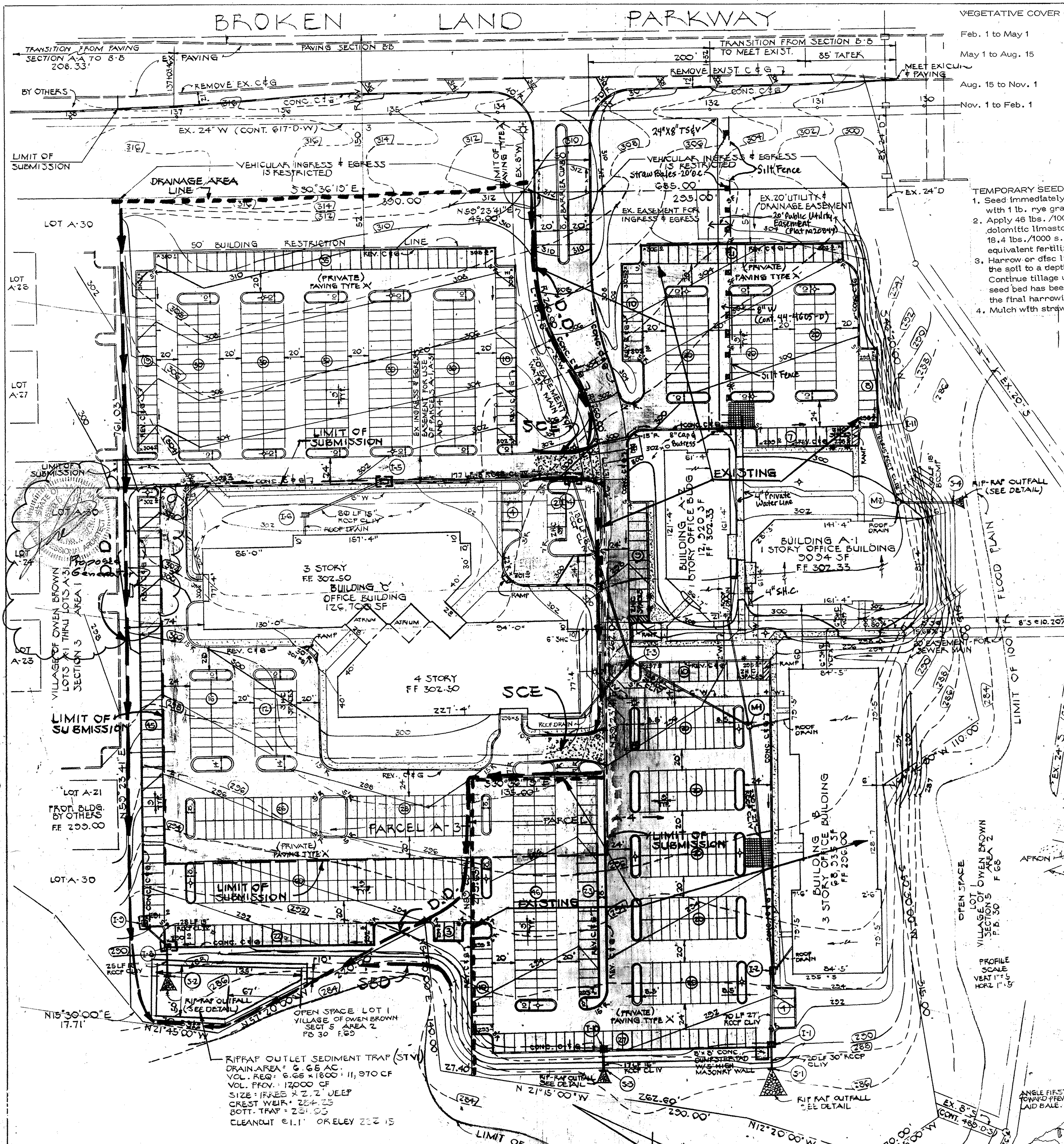
NOTE: PREVIOUS BLDGS C-1 & C-2 REVISED TO BLDG 'C' REVISION TO SDP 81-156

REVISED SITE DEVELOPMENT PLAN

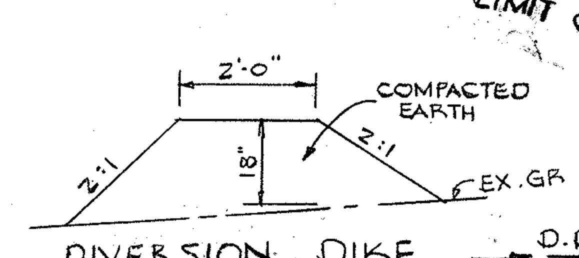
PARCEL A-3 & A-4
VILLAGE OF OWEN BROWN
SECTION 3 AREA 1
ELECTION DISTRICT 6
HOWARD COUNTY, MARYLAND
SCALE 1" = 50' MAY 19, 1984

PLAT # 5201

SDP-84-299c 2 OF 5



NOTE:
All traps shown hereon must be fenced and warning signs posted around the perimeter in accordance Volume I, Chapter 12 of the Howard Co. Design Manual for Storm Drainage.



VEGETATIVE 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

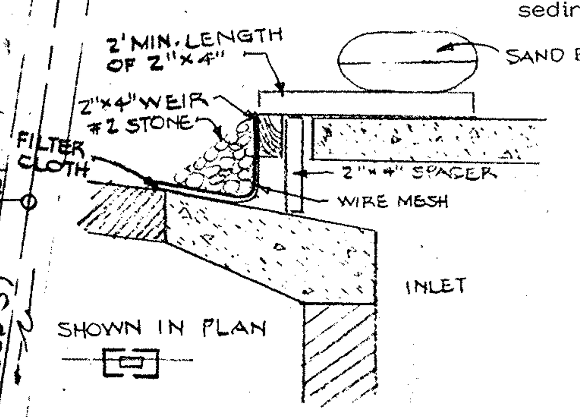
NOTE: Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within (7 calender days for all perimeter sediment control structures, dikes, perimeter slopes, and all slopes greater that 3:1) and (14 days as to all other disturbed or graded areas on the project site).

On site inspection and maintenance of all sediment control measure including cleanout of traps and berms and proper establishment of all planned vegetative measures will be the responsibility of the developer or his representative on the site on a continuing day to day basis.

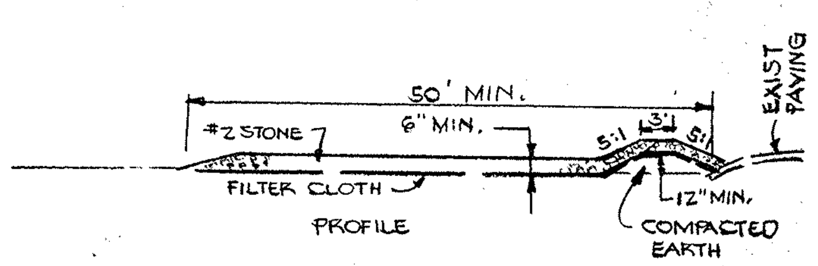
TEMPORARY SEEDING NOTES:
1. Seed immediately upon construction with 1 lb. rye grass per 1000 s.f.
2. Apply 46 lbs. /1000 s.f. of pulverized dolomitic limestone and 115 lbs. to 18.4 lbs./1000 s.f. of 10x10x10 of equivalent fertilizer
3. Harrow or disc lime and fertilizer into the soil to a depth of at least 3 inches. Continue tillage until a reasonably fine firm seed bed has been prepared on sloping land the final harrowing should be on the contour.
4. Mulch with straw @ 75 lbs./1000 s.f.

SEDIMENT CONTROL SEEDING NOTES:
1. Notify Howard County Bureau of Inspections 48 hrs. before starting work.
2. Install Sediment Control measures in accordance with "Standards & Specifications for Soil Erosion & Sediment Control in developing areas" prior to any grading.
3. All Sediment Control measures to remain in place until permission for their removal has been obtained from the Sediment Control Inspector.
4. Inspect & maintain all Sediment Control measures to ensure proper functioning.
5. All graded areas not to be paved are to be stabilized as follows:
   a. Spread 3" layer compacted topsoil to finished grade.
   b. Spread 90 lbs./1000 s.f. Dolomitic limestone & 25lbs./1000 s.f. 10x10x10 fertilizer
   c. Seed with 3 lbs./1000 s.f. of the following 40% Kentucky Blue, 20% Chewing Fescue, 20% Kentucky 31, & 20% Annual Rye. Rake with York Rake (Min. 2 passes), cover & compact with cultipacker or other approved method.
   d. Mulch with 70 lbs./1000 s.f. small grain straw. Spray with 0.04 gal./sq. yd. emulsified asphalt.
   e. If no germination within 4 weeks, then reseed.

SEQUENCE OF CONSTRUCTION
1. Obtain Grading permit
2. Notify Howard Co. Dept. of Permits and Licenses at least 48 hours before starting work
3. Install stabilized construction entrances, diversion dikes and straw bale dike
4. Install rip-rap outlet sediment trap
5. Rough grade site
6. Begin building construction
7. Install utilities -provide inlet protection
8. Fine grade site
9. Place sub-base material on areas to be paved
10. Pave
11. Seed remaining areas per permanent seeding procedures
12. Remove sediment control features after approval by sediment control inspector

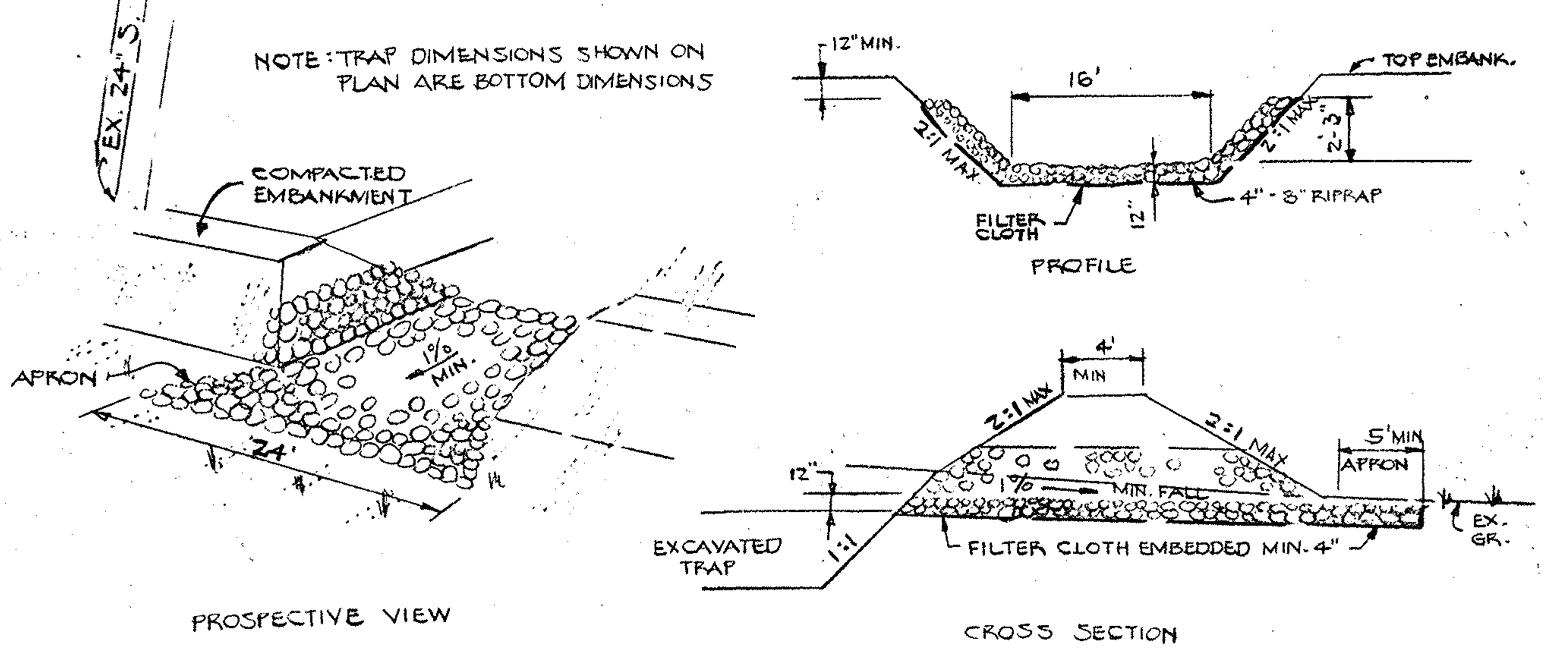


INLET PROTECTION IPD-1



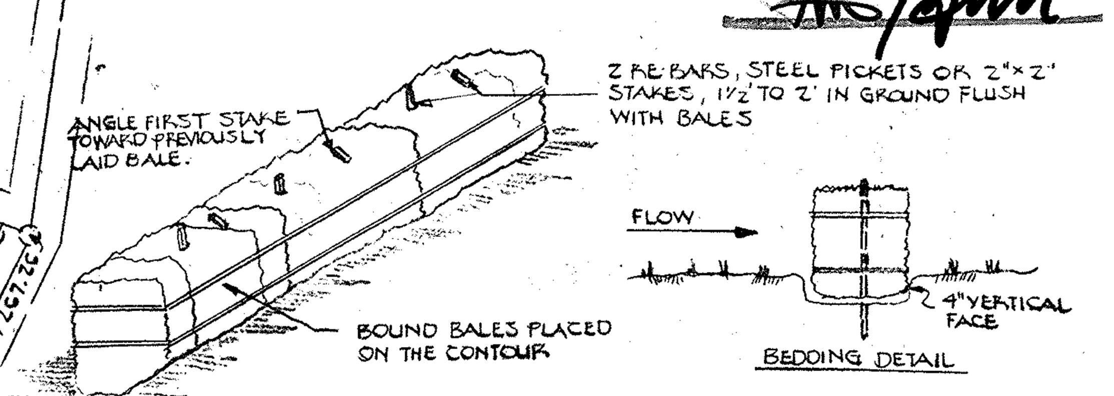
STABILIZED CONSTRUCTION ENTRANCE (MIN. 20' WIDE)
SCE

NOTE: TRAP DIMENSIONS SHOWN ON PLAN ARE BOTTOM DIMENSIONS



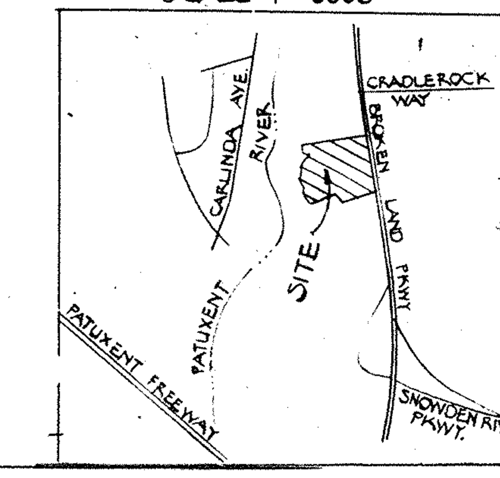
RIPRAP OUTLET SEDIMENT TRAP ST.-VI

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 9-5-84



STRAW BALE DIKE
SBD

VICINITY MAP
SCALE 1" = 2000'



ENGINEER
HUDKINS ASSOCIATES, INC
200 EAST JOPPA ROAD
TOWSON, MD. 21204

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION — DATE 10-8-84
PLANNING DIRECTOR — DATE 10-8-84

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.
COUNTY HEALTH OFFICER — DATE 10-7-87

APPROVED FOR PUBLIC WATER, PUBLIC SEWER STORM DRAINAGE SYSTEMS & PUBLIC ROADS HOWARD CO DEPT. OF PUBLIC WORKS
DIRECTOR — DATE 10-2-84
CHIEF, BUREAU OF ENGINEERING — DATE 10-1-84

HOWARD SOIL CONSERVATION DISTRICT
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
SIGNATURE — DATE 9/27/84
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
HOWARD SOIL CONSERVATION DISTRICT — DATE 9-27-84

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SIGNATURE — DATE 9-24-84

DEVELOPER'S CERTIFICATE
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SIGNATURE — DATE 5-19-84

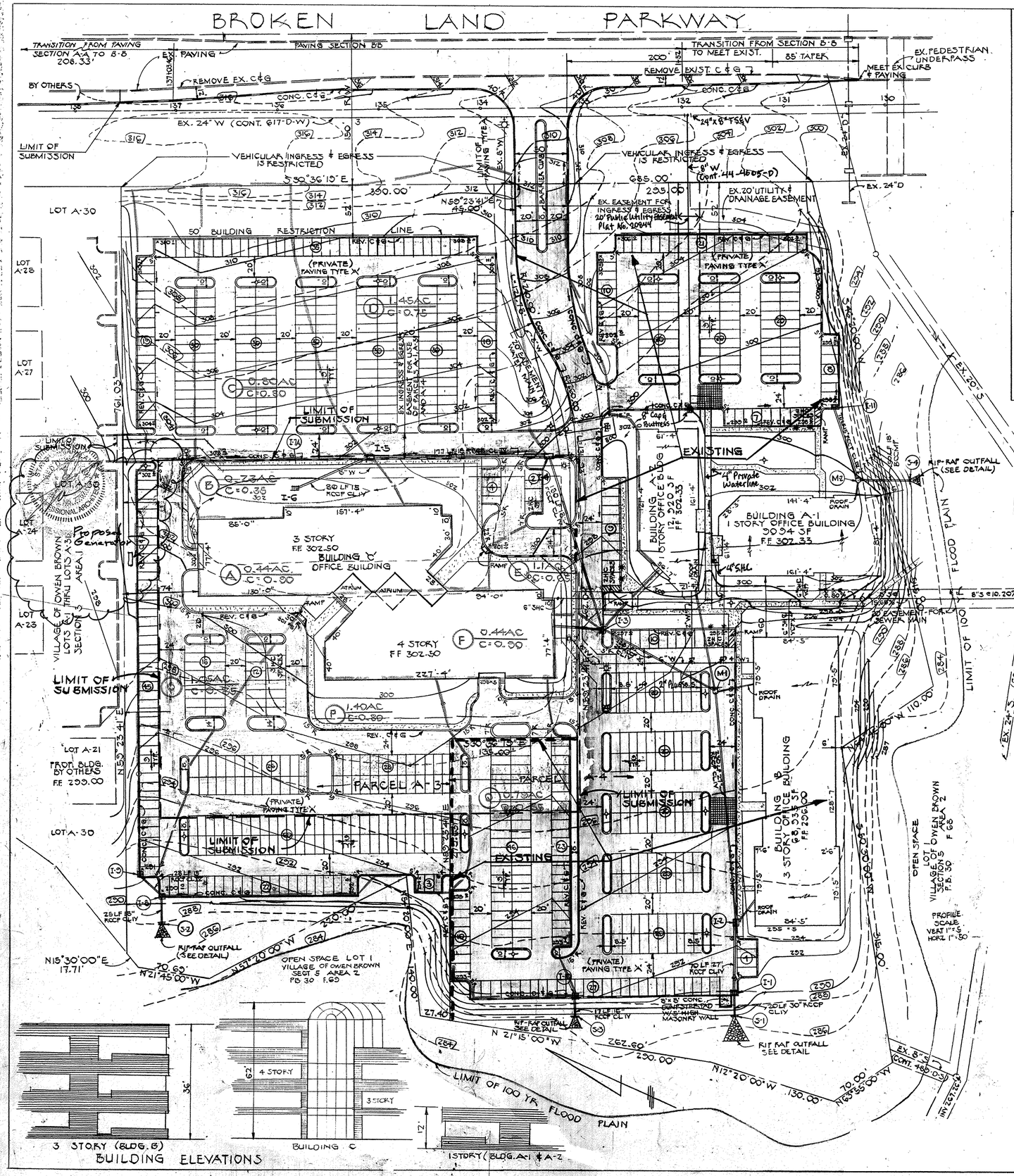
ARCHITECT
ROBERT T. HOFMANN & ASSOCIATES
8600 LASALLE ROAD
TOWSON, MD 21204

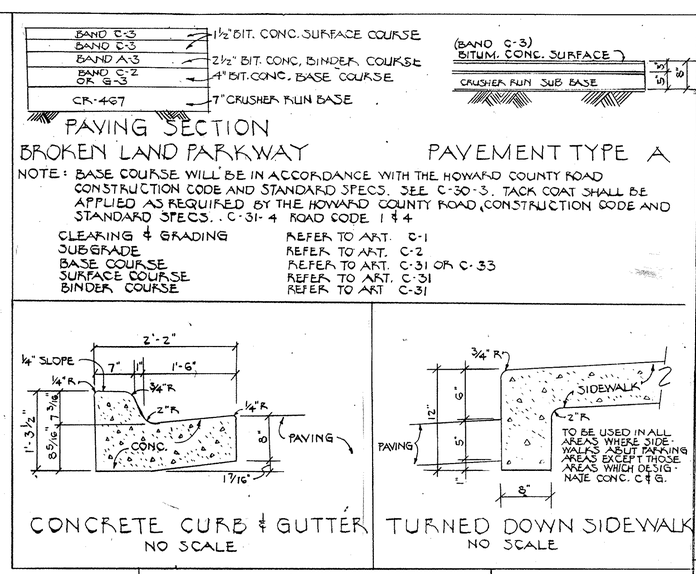
OWNER & DEVELOPER
COLUMBIA OFFICE ASSOCIATES
6000 EXECUTIVE BOULEVARD
ROCKVILLE, MD. 20852

NOTE: PREVIOUS BLDGS 'C-1' & 'C-2' REVISED TO BLDG. 'C' - REVISION TO SDP 81-115C
Note: OCTOBER 23, 2009 REVISION TO ADD 8" WATERLINE WITHIN 20' PUBLIC EASEMENT AND 4" WATERLINES TO PROVIDE FIRE SPRINKLERS TO BUILDINGS A-1 AND A-2. ALSO, TO ADD 4" S.H.C. FOR BUILDING A-1.

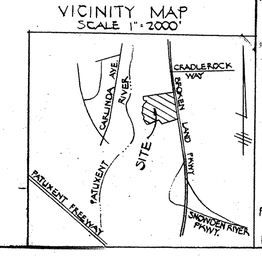
REVISED
SEDIMENT CONTROL PLAN
PARCEL A-3 & A-4
VILLAGE OF OWEN BROWN
SECTION 3 AREA 1
ELECTION DISTRICT 6
HOWARD COUNTY, MARYLAND
SCALE 1" = 50' MAY 15, 1984

PLAT # 5201
SDP-84-299c
REVISION TO SDP 81-115C





APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 9-5-84



ENGINEER
HUDKINS ASSOCIATES, INC
200 EAST JOPPA ROAD
TOWSON, MD. 21204

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION — DATE 10-8-84
PLANNING DIRECTOR — DATE 10-8-84

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.
COUNTY HEALTH OFFICER — DATE 10-7-84

APPROVED FOR PUBLIC WATER, PUBLIC SEWER STORM DRAINAGE SYSTEMS & PUBLIC ROADS HOWARD CO. DEPT. OF PUBLIC WORKS
DIRECTOR — DATE 10-2-84
CHIEF, BUREAU OF ENGINEERING — DATE

HOWARD SOIL CONSERVATION DISTRICT
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
SIGNATURE — DATE 9/27/84
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
HOWARD SOIL CONSERVATION DISTRICT — DATE 9-27-84

ENGINEER'S CERTIFICATE
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.
STATE OF MARYLAND — ARTHUR E. LUDWIG — NO. 11423 — REGISTERED PROFESSIONAL ENGINEER
SIGNATURE — DATE 7-25-84

DEVELOPER'S CERTIFICATE
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL & THAT ALL 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 & EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.
SIGNATURE — DATE 5-19-84

ARCHITECT
ROBERT T. HOFMANN & ASSOCIATES
8600 LASALLE ROAD
TOWSON, MD. 21204

OWNER & DEVELOPER
COLUMBIA OFFICE ASSOCIATES
6000 EXECUTIVE BOULEVARD
ROCKVILLE, MD. 20852

NOTE: PREVIOUS BLDGS 'C-1' & 'C-2' REVISED TO BLDG. 'C' - REVISION TO SDP 81-115 C
NOTE: OCTOBER 23, 2009 REVISION TO ADD 8" WATERLINE WITHIN 20' PUBLIC EASEMENT AND 4" WATERLINES TO PROVIDE FIRE SPRINKLERS TO BUILDINGS A1 AND A-2. ALSO, TO ADD 4" G.H.C. FOR BUILDING A-1.

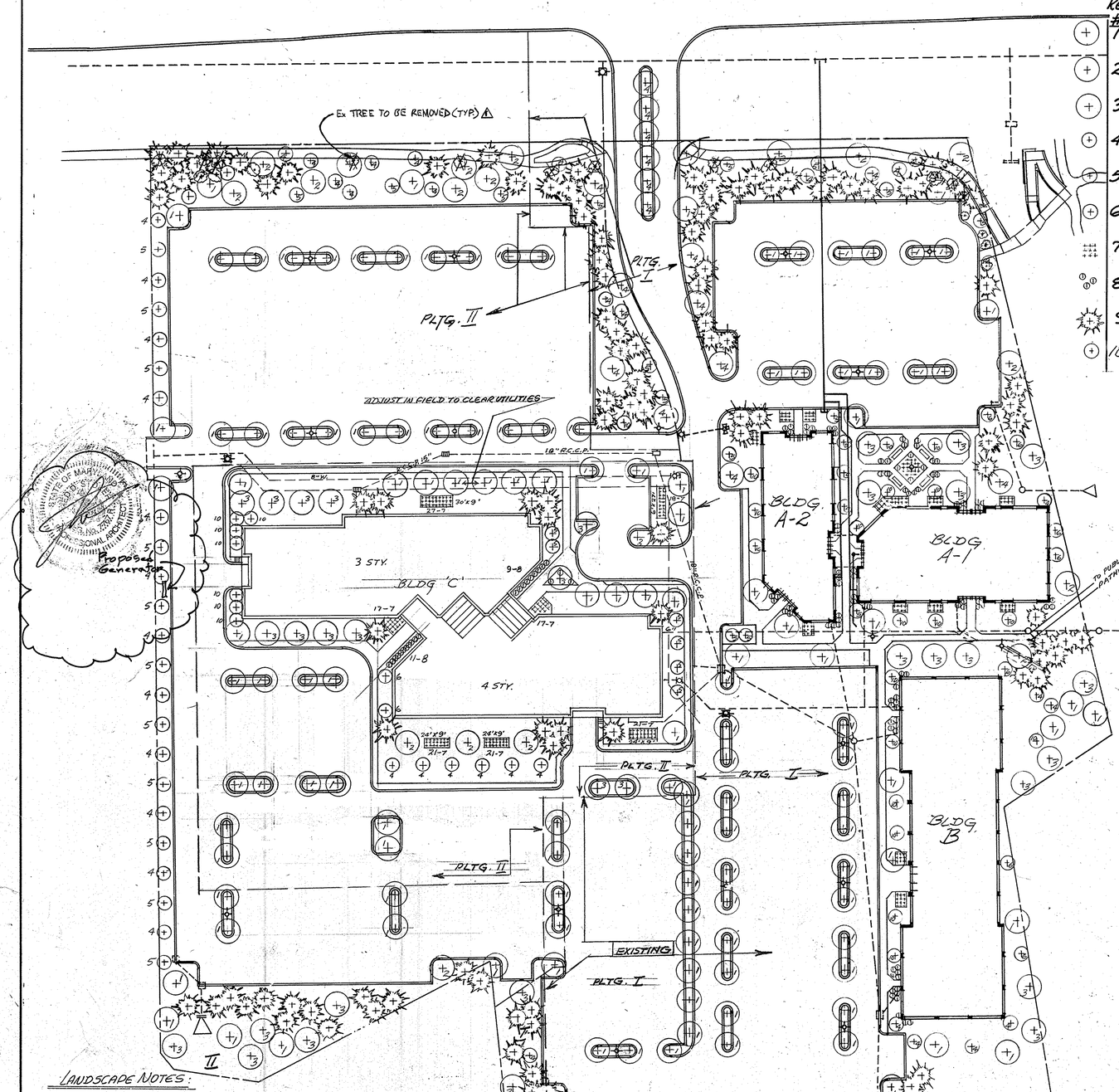
REVISED DRAINAGE AREA MAP

PARCEL A-3 & A-4
VILLAGE OF OWEN BROWN
SECTION 3 AREA 1
ELECTION DISTRICT 6
HOWARD COUNTY, MARYLAND
SCALE 1" = 50' MAY 10, 1984

PLAT # 5201
REVISION TO SDP 81-116 C — 4 OF 5

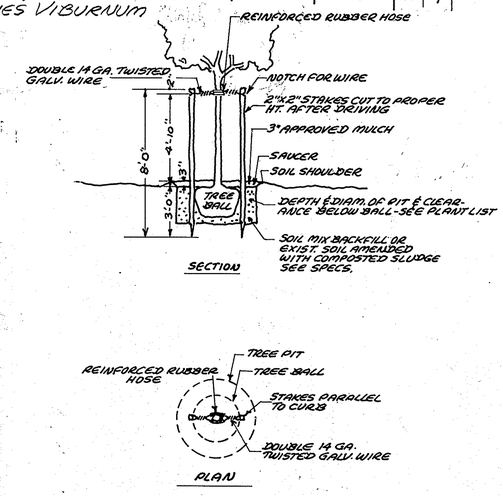
SDP-84-299c 6148

BROKEN LAND PARKWAY

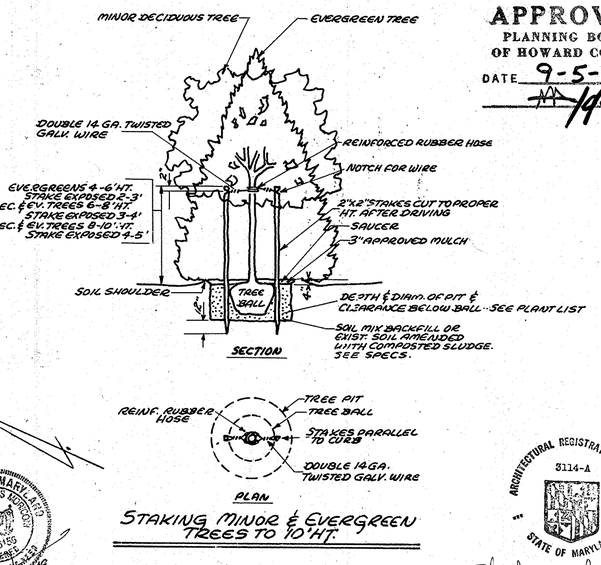


PLANT LIST

KEY #	NAME	TYPE	SIZE	QUANT PHASE I	QUANT PHASE II	BALL DIA.
1	ACER RUBRUM RED MAPLE	MAJ. DEC. T.	2½-3" CAL. 12-14' HT.	73	30	32"
2	QUERCUS ACUTISSIMA SAWTOOTH OAK	MAJ. DEC. T.	2½-3" CAL. 12-14' HT.	6	3	32"
3	LIQUIDAMBAR STYRACIFLUA SWEETGUM	MAJ. DEC. T.	2½-3" CAL. 10-12' HT.	23	11	32"
4	PYRUS CALLERYANA BRADFORD BRADFORD CALLERY PEAR	MIN. DEC. T.	2-2½" CAL. 8-10' HT.	34	6	26"
5	MALUS SARGENTI SARGENT CRAB	MIN. DEC. T.	4-5' HT. 4-5' SPR.	15	6	22"
6	VIBURNUM PRUNIFOLIUM BLACKHAW VIBURNUM	LGE. SHR.	3-3½' HT.	8	2	14"
7	EUONYMUS ALATUS COMPACTUS DWARF WINGED EUONYMUS	DEC. SH.	2½-3' HT.	127	42	12"
8	TAXUS BACCATA REPANDENS SPREADING ENGLISH YEW	EV. SH.	18-24" SP.	92	23	12"
9	PINUS THUNBERGI JAPANESE BLACK PINE	EV. T.	2-2½" CAL. 7-8' HT.	86	13	27"
10	VIBURNUM PLICATUM MARIESII MARIES VIBURNUM	DEC. SH	3-3½' HT	20	7	14"



STAKING 1¼"-3" TREES



STAKING MINOR & EVERGREEN TREES TO 10' HT.

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 9-5-84

ARCHITECTURAL REGISTRATION BOARD 3114-A STATE OF MARYLAND

LANDSCAPE NOTES:

ALL PLANTS B&B, NURSERY GROWN, FULL BRANCHED & HEAVY. #1 & #2 BRANCHED STARTING 7-8' FROM GROUND. #5-HEAVY, SPECIMEN GRADE. ALL BALL DEPTHS PER CURRENT A.A.N. STD. PIT WIDTH = BALL DIAM. X 2. PIT DEPTH = BALL DEPTH + 6" MIN. ALL TREE PITS TO BE MULCHED, AS SHALL BEDS OF #7 MULCH WITH 3" OF "VERMEER" OR EQUIVALENT FINE CUT WOOD CHIPS, TAN ROOT OR TANBARK. SOIL MIX FOR PITS OR FOR 16" BEDS FOR #7 SHALL BE 12 C.Y. PRIME AGRICULTURAL TOPSOIL + 200 LBS. DEHYDRATED COW MANURE + 55 C.F. (COMPRESSED VOLUME) SPHAGNUM PEAT. THESE FIGURES INDICATE RATIO OF MATERIALS, NOT TOTAL QUANTITIES. IN LIEU OF THE 55 C.F. OF SPHAGNUM PEAT, COMPOSTED DEWATERED SEWAGE SLUDGE INCLUDING 50% BY VOLUME OF WOOD CHIPS IN THE NORMAL COMPLETE TEMPERATURE CHANGE CYCLE MAY BE USED AT RATIO OF 4 C.Y. SLUDGE : 12 C.Y. TOPSOIL AS THE MIX.

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SEAL APPLIES TO REDLINE REVISION NO. 1 ONLY

STATE OF MARYLAND DAVID THOMAS KENDALL No. 10959 REGISTERED PROFESSIONAL ARCHITECT 11-17-09

⚠ REDLINE REVISION NO. 1 NOV. 17, 2009 - NEW HMA TRAIL WITH IN-KIND TREE REPLACEMENT

ENGINEER:
HUDKINS ASSOCIATES, INC.
200 EAST JOPPA ROAD
TOWSON, MD. 21204

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
CHIEF, DIVISON OF LAND DEVELOPMENT & ZONING ADMINISTRATION — DATE 10-8-84
PLANNING DIRECTOR — DATE 10-8-84

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

COUNTY HEALTH OFFICER — DATE 10-7-84

APPROVED: FOR PUBLIC WATER, PUBLIC SEWER STORM DRAINAGE SYSTEMS & PUBLIC ROADS HOWARD CO. DEPT. OF PUBLIC WORKS.

DIRECTOR — DATE 10-2-84
CHIEF, BUREAU OF ENGINEERING — DATE 10-1-84

HOWARD SOIL CONSERVATION DISTRICT
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

SIGNATURE — DATE 9/27/84

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT — DATE 9-27-84

ENGINEER'S CERTIFICATE

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SIGNATURE — DATE

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Donald H. Layton — SIGNATURE — DATE 5-19-84

ARCHITECT:
ROBERT T. HOFMANN & ASSOCIATES
8600 LA SALLE ROAD
TOWSON, MD. 21204

OWNER & DEVELOPER:
CROW - BROKEN LAND SOUTH ASSOCIATES
6000 EXECUTIVE BOULEVARD
ROCKVILLE, MD. 20852

LANDSCAPE ARCHITECT
ALLAN EDDY REG. MD. #83
1609 DOGWOOD HILL ROAD
TOWSON, MD. 21204

REVISED
SITE DEVELOPMENT PLAN
PARCEL A-3 & A-4
VILLAGE OF OWEN BROWN
SECTION 3 AREA 1
ELECTION DISTRICT 6
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' MAY 19, 1984
PLAT #5201

REVISION TO SDP 81-115 C

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SDP-84-299 c 6-148