

LEGEND

- EXISTING CONTOUR
- - - PROPOSED CONTOUR
- 12' 4" PROPOSED SPOT ELEV.
- ==== STANDARD COMBINATION CURB & GUTTER
- ==== REVERSE COMBINATION CURB & GUTTER
- ==== DEPRESSED CURB ENTRANCE
- ==== EXISTING CONC. COMBINATION CURB & GUTTER
- (TYP) LIGHT POLE
- ⊕ NUMBER OF PARKING SPACES
- ▽ PATRON/HC ACCESS TO BLDG.
- LAND AREA LANDSCAPED AREA
- LIMIT OF CONSTRUCTION

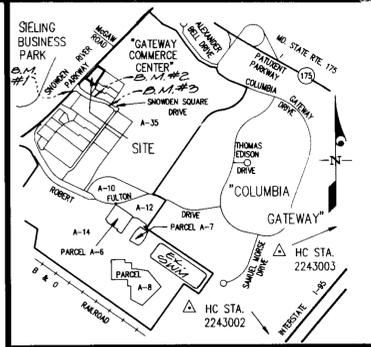


BENCH MARKS

- B.M. #1 SW. MEDIAN INTX. SNOWDEN RIVER PARKWAY AND SNOWDEN SQUARE DR. E.C. TRAV. #112, TOP OF REBAR W/ CAP ELEV. = 269.09
- B.M. #2 SNOWDEN SQUARE DR. STA. 5150 FIRE HYDRANT NORTH SIDE OF R/WY. X-CUT IN B. BOLT ELEV. = 269.11

GENERAL NOTES

1. All construction shall be in accordance with the latest standards and specifications of Howard County plus MSHA standards and specifications if applicable.
2. The contractor shall notify the Department of Public Works/Construction Inspection Div. at (410) 313-1055 at least five (5) working days prior to the start of work.
3. The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
4. The contractor shall notify the Howard County Department of Public Works, Bureau of Utilities at (410) 313-4900 at least five working days prior to starting any excavation work.
5. Site area: 2.3 acres (approved mass grading SDP-49).
6. Traffic control devices, markings, and signing shall be in accordance with the latest edition of the manual on uniform traffic control devices (MUTCD). All street and regulatory signs shall be in place prior to the placement of any asphalt.
7. All plan dimensions are to face of curb unless otherwise noted.
8. Existing topography reflects mass grading as shown on SDP-49.
9. Coordinates and bearings are based upon the MD State plan system (NAD 27).
10. Water and sewer shown is public.
11. Stormwater management for this site is existing on Parcel A-14. Department of Public Works File No. F-92-1001.
12. All existing water and sewer is per Contract 24-3289-D.
13. All existing public storm drain is per F-92-140 (Plot No. 10543).
14. All curb radii is 5' unless noted otherwise.
15. Utility information taken from approved final construction plans for development.
16. Sidewalks adjacent to perpendicular parking shall be 6' wide. All other sidewalks shall be 4' wide except where dimensioned otherwise. Provide 3' radius rounding at all angle breaks and intersections.
17. Contractor shall utilize PVC pipe for all sewer house connections. Contractor shall utilize D.I.P. (CL 51) for 4" and 6" water house connections.
18. For all storm drain connections at existing stubs, the contractor shall remove the existing blocking and maintain the same grade and alignment.
19. Use trench bedding class "C" for storm drains.
20. Paved areas indicated are private except as noted.
21. Project background: zoning case ZB-915 - see Dept. of Planning & Zoning File Numbers: S-84-44, S-85-55, F-88-91, F-87-96, F-85-55, WP-84-150, WP-85-34, F-90-175, WP-85-35, WP-86-81, VP-88-17, WP-88-63, F-90-141, AA-91-15, ZB-91-5, S-90-120, SDP-92-49, F-92-15, F-92-57, FDP-215, F-92-136, F-92-140, SDP-92-113, SDP-94-20 & F-94-10
22. Recording reference: Plot No. 11099
23. All proposed ramps shall be in accordance with current A.D.A. standards. Maximum sidewalk cross slope shall be two percent. Provide a five-foot by five-foot level (2 percent max.) landing at the top and bottom of all ramps and building entrances and exits.
24. All water meters shall be located inside buildings.
25. The limits of public maintenance for waterhouse connections shall be 7' from the back of curb.
26. All proposed site utilities are to terminate 5' from the building. The building plumber shall connect to and extend these utilities to the inside of the building.
27. For Gas, Telephone and Electric routing, see separate plan.



VICINITY MAP
1"=2000'

SHEET INDEX

1. SITE DEVELOPMENT PLAN
2. SITE DETAILS
3. HANDICAP ACCESSIBILITY DETAILS
4. LANDSCAPE PLAN
5. LANDSCAPE DETAILS
6. SEDIMENT CONTROL PLAN & DRAINAGE AREA MAP
7. EROSION CONTROL DETAILS
8. UTILITY PROFILES

SITE ANALYSIS

1. AREA OF PARCEL: 99,814 S.F. / 2.29 AC.
2. ZONING: B-2
3. PROPOSED USE: AMUSEMENT FACILITY
4. BUILDING AREA: 12,022 S.F.
5. TOTAL PARKING REQUIRED: 12,022 S.F. @ 1 SP./100 S.F. = 127 SPACES
6. TOTAL PARKING PROVIDED: 136 SPACES
7. TOTAL NO. OF HANDICAP SPACES REQUIRED: 5
8. NO. OF HANDICAP VAN SPACES REQUIRED: 1
9. TOTAL NO. OF HANDICAP SPACES PROVIDED: 5
10. NO. OF HANDICAP VAN SPACES PROVIDED: 2
11. PROPOSED LANDSCAPED AREA: 31,819 S.F.
12. PROPOSED PAVED AREA: 67,995 S.F.
13. BUILDING COVERAGE OF SITE: 12.5 %
14. AREA OF PARKING LOTS: 43,522 S.F.
15. AREA OF LANDSCAPED ISLANDS PROVIDED: 2,835 S.F.

APPROVED: FOR PUBLIC WATER & SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
James M. Boydland 2/17/94
County Health Officer Date

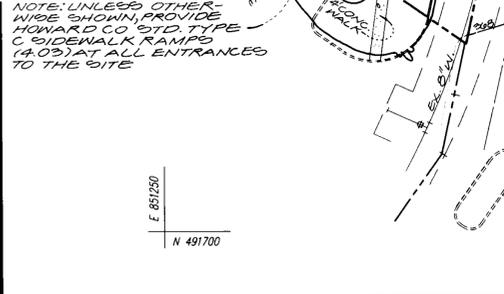
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
Frank J. Sells 2/14/94
Director Date
Gene Stumm 2/14/94
CHIEF DIVISION OF LAND DEVELOPMENT & RESEARCH Date

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS,
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James J. Schum 2/3/94
Director Date
Robert J. ... 2/2/94
Chief, Bureau of Engineering "M.K." Date

NOTE: UNLESS OTHERWISE SHOWN, PROVIDE HOWARD CO STD TYPE C SIDEWALK RAMPS (4.0%) AT ALL ENTRANCES TO THE SITE

GEAR II INC. "GATEWAY COMMERCE CENTER" PARCEL "A-47" PLAT NO. 11099B ZONED: B-2 (UNDEVELOPED)

GEAR II INC. "GATEWAY COMMERCE CENTER" PARCEL "A-48" PLAT NO. 11099B ZONED: B-2 (UNDEVELOPED)



DEVELOPER
THE HOWARD RESEARCH & DEVELOPMENT CORPORATION
10275 LITTLE PATRIOT PKWY.
COLUMBIA, MD, 21044
(410) 592-0021

WATER CODE:		SEWER CODE:		ADDRESS CHART	
E06	4900000	PARCEL NUMBER	A-47	STREET ADDRESS	#9021 SNOWDEN SQUARE DRIVE
SUBDIVISION NAME:		SECTION/AREA		PARCEL	
GATEWAY COMMERCE CENTER		N/A		A-47	
PLAT	BLOCK	ZONE	TAX MAP	ELEC. DIST.	CENSUS TRACT
11099	N/A	B-2	42	6	6067.03

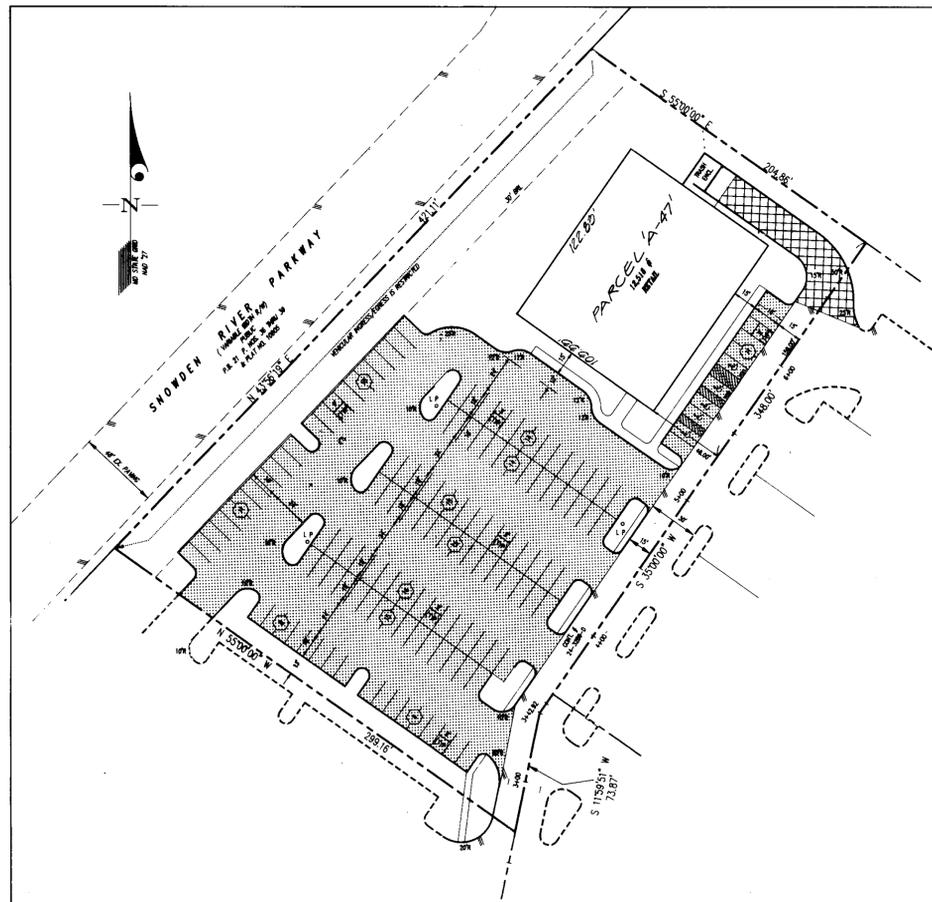
GLW GUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, SURVEYORS, PLANNERS, LANDSCAPE ARCHITECTS
3939 NATIONAL DRIVE, SUITE 250, BURTONSVILLE OFFICE PARK, BURTONSVILLE, MD 20866

DATE	REVISION	BY	APPR
1/19/94	ADD ENTRY AND EXIT SIGNS	WJL	
12/28/93	REV. BUILDING DIMENSIONS	WJL	
12/23/93	REV. SIDEWALK ALONG ENTR. DRIVE PER HRD & BOW	WJL	
11/8/93	REVISE CONCRETE PAD @ BLDG. LINE	ENB	MJT

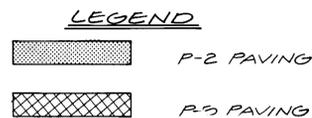
LEAPS & BOUNDS, INC.
1100 WEST 22ND STREET
OAKBROOK, ILLINOIS 60521
ATTN.

SITE DEVELOPMENT PLAN
GATEWAY COMMERCE CENTER
PARCEL A-47
SNOWDEN SQUARE (PHASE II)
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

DES.	SCALE	ZONING	U.L.W. FILE NO.
M.J.T.	1"=20'	B-2	93-089
DRN.	DATE	TAX MAP NO.	SHEET
W.S.J.	OCT. 9, 1993	42	10FB
CHK.			



PAVING PLAN
SCALE: 1"=50'



APPROVED: FOR PUBLIC WATER & SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPT.
James M. Boyd COUNTY HEALTH OFFICER 2/17/94 DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING
Gregory J. Smith DIRECTOR 2/14/94 DATE
Gregory J. Smith CHIEF, DIVISION OF LAND DEVELOPMENT & RESEARCH 2/14/94 DATE

APPROVED: FOR PUBLIC WATER (PUBLIC SEWERAGE SYSTEM DRAINAGE SYSTEMS) PUBLIC ROADS HOWARD COUNTY DEPT. OF PUBLIC WORKS
James M. Slone DIRECTOR 2/13/94 DATE
Robert J. ... CHIEF, BUREAU OF ENGINEERING M.K. 2/12/94 DATE

GLW GUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, SURVEYORS, PLANNERS, LANDSCAPE ARCHITECTS
 3908 NATIONAL DRIVE SUITE 250 BURTONSVILLE OFFICE PARK BURTONSVILLE, MD. 20886
 TELEPHONE: (301)421-4024 NO. VA. (301)989-2524 BALTO. (301)880-1820 FAX (301)421-4186

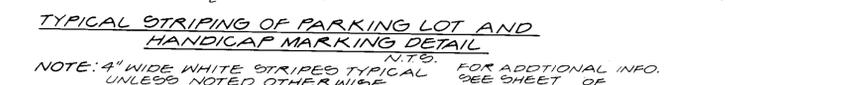
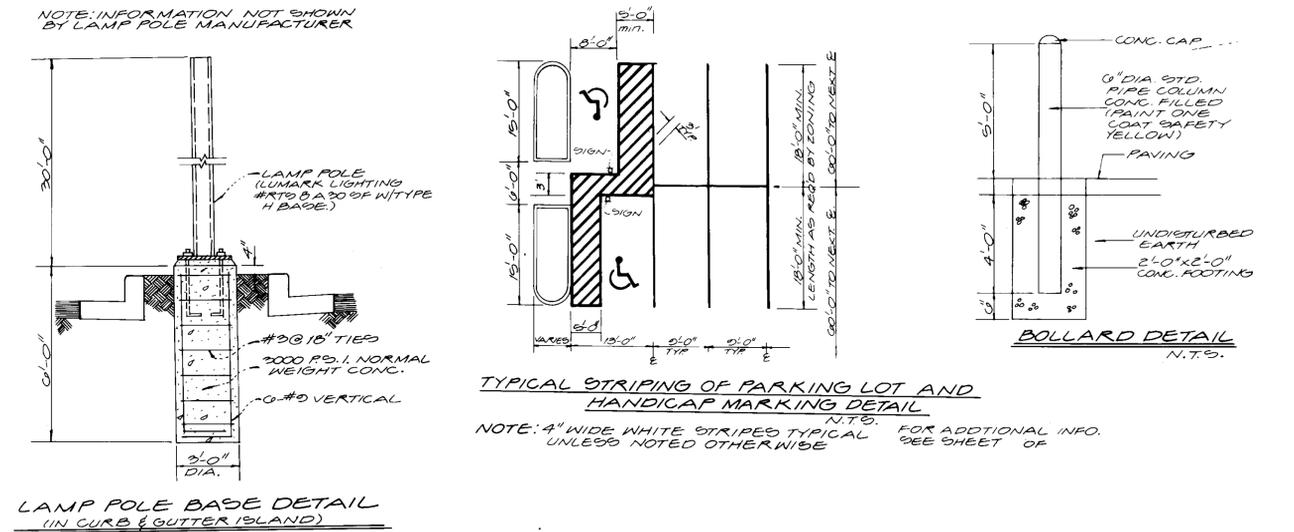
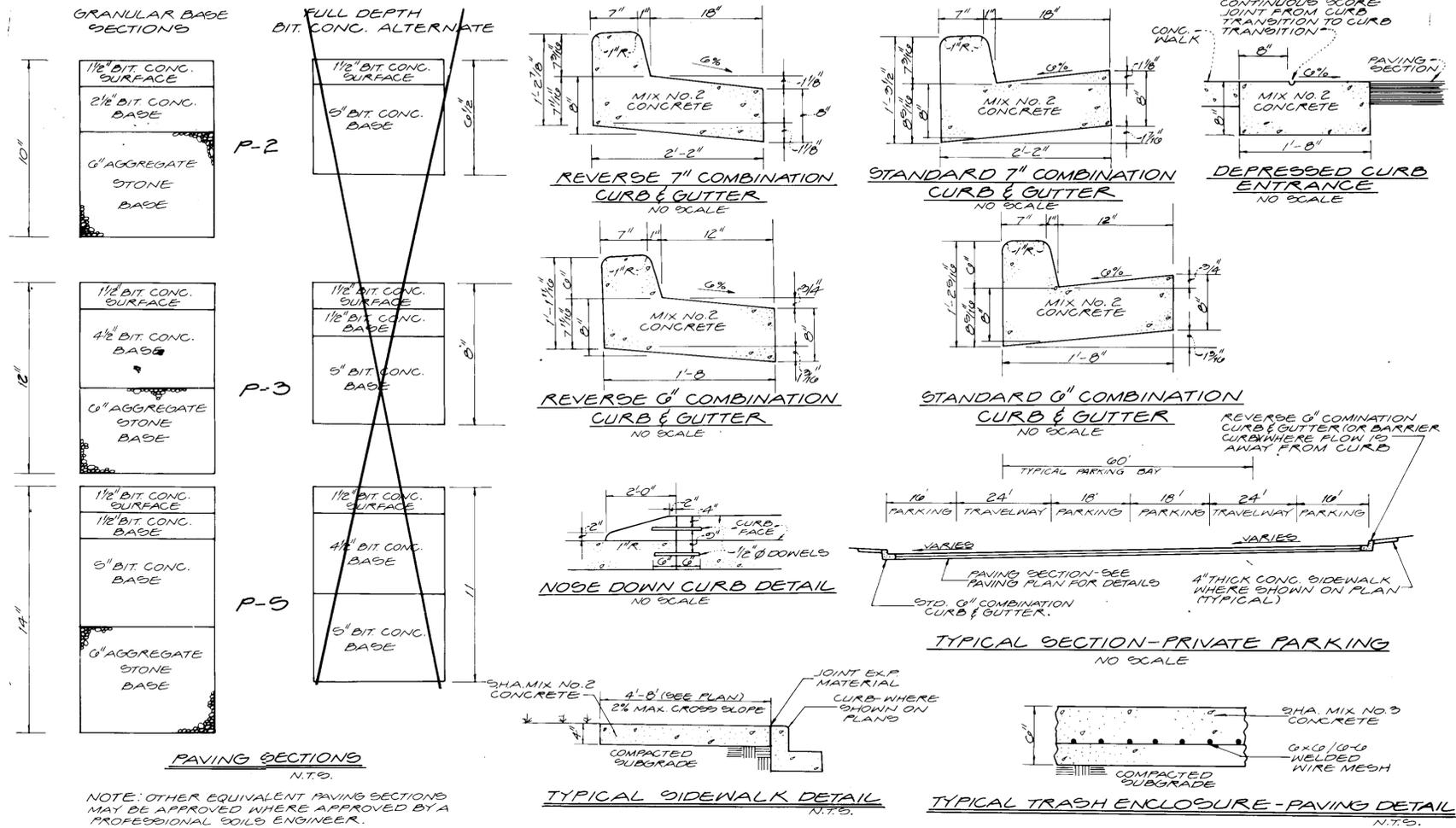
NO.	DATE	REVISION	BY	APP'R.
11-2-92		ADD LIGHT POLE DESIGNATION & DELETE FULL DEPTH PAVING	NSJ	

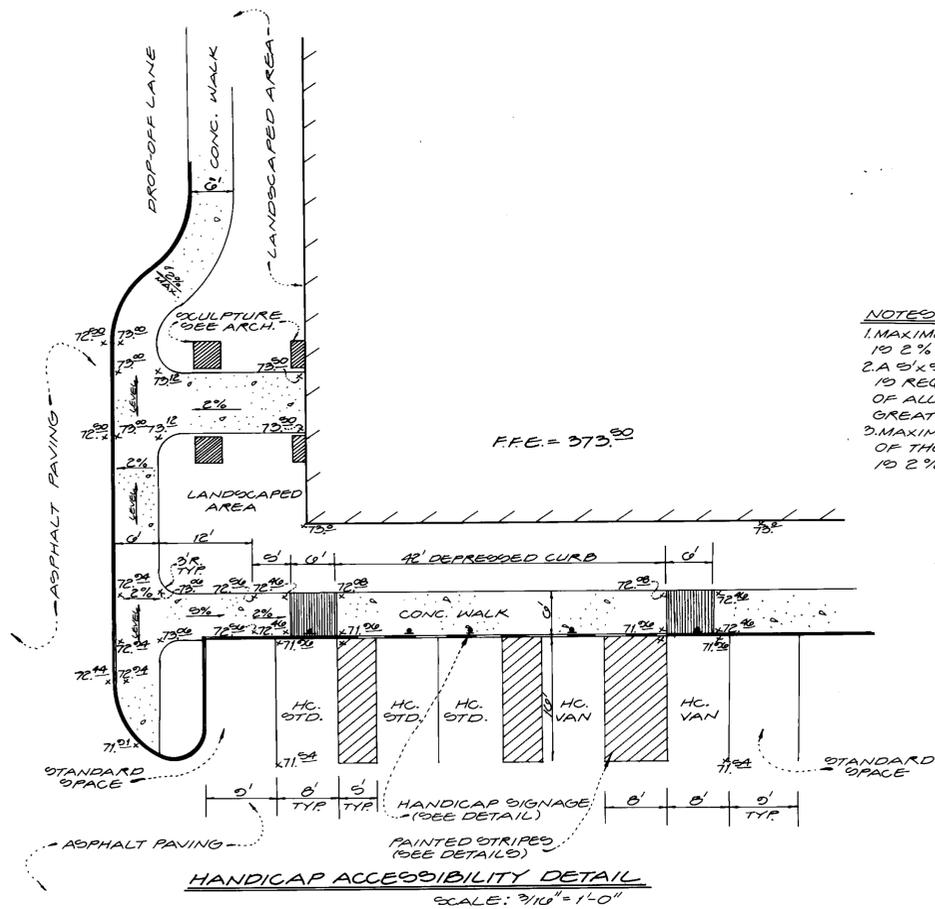
DEVELOPER
 THE HOWARD RESEARCH & DEVELOPMENT CORPORATION
 THE ROLFE BUILDING
 10275 LITTLE PATUXENT PKWY.
 COLUMBIA, MD. 21044
 (410) 952-0021

PREPARED FOR:
 LEAPS & BOUNDS, INC.
 1100 WEST 22ND STREET
 OAKBROOK, ILLINOIS 60521
 ATTN: _____

SITE DETAILS
GATEWAY COMMERCE CENTER
 PARCEL A-47
 SNOWDEN SQUARE (PHASE II)
 HOWARD COUNTY, MARYLAND 6TH ELECTION DISTRICT

DES.	SCALE	ZONING	G.L.W. FILE No.
NSJ	AS SHOWN	B-2	92-0250
DRN.	DATE	TAX MAP No.	SHEET
NSJ	OCT. 01, 1993	42	2 OF 8

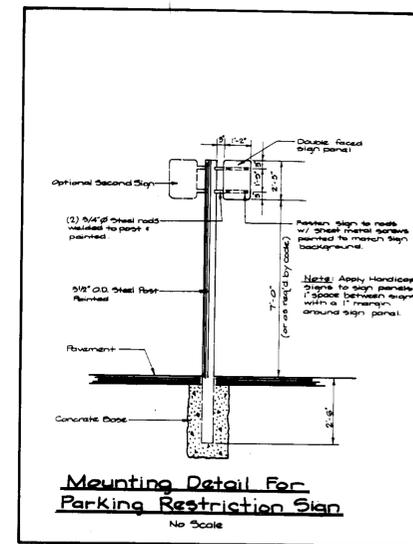
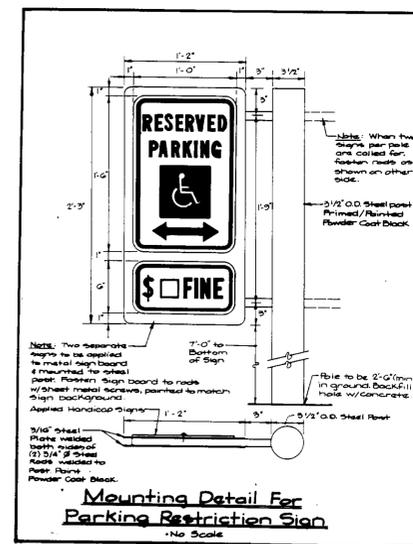
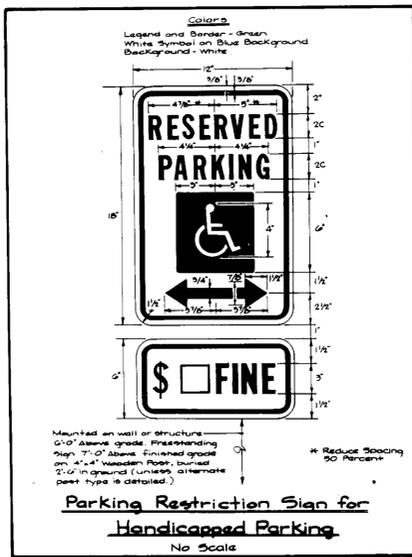




NOTES:
 1. MAXIMUM SIDEWALK CROSS-SLOPE IS 2% (1:50).
 2. A 5'-x-8' MINIMUM LEVEL (2%) LANDING IS REQUIRED AT THE TOP AND BOTTOM OF ALL RAMPS. RAMPS ARE SLOPES GREATER THAN 2%.
 3. MAXIMUM SLOPE IN ANY DIRECTION OF THE HANDICAP ACCESSIBLE PARKING IS 2%.

NOTE: PROVIDE ONE WHITE PAINTED INTERNATIONAL SYMBOL OF ACCESSIBILITY FOR EACH HANDICAP ACCESSIBLE PARKING SPACE (HC.)
 NOTE: FOR STRIPING INFORMATION SEE SHEET 20FB

DEVELOPER:
 THE HOWARD RESEARCH & DEVELOPMENT CORPORATION
 THE ROUSE BUILDING
 10275 LITTLE PATUXENT PKWY.
 COLUMBIA MD. 21044
 (410) 992-0027



NOTE: FINE SHALL BE DETERMINED BY HOWARD COUNTY RESOLUTION, FOR INFORMATION CONTACT, HOWARD COUNTY DEPT. OF INSPECTIONS, LICENSES & PERMITS

APPROVED: FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.
 County Health Officer
 Date: 2/7/94

APPROVED: HOWARD COUNTY DEPT. OF PLANNING
 Director
 Date: 2/14/94

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC ROADS
 HOWARD COUNTY DEPT. OF PUBLIC WORKS
 Director
 Date: 2/3/94

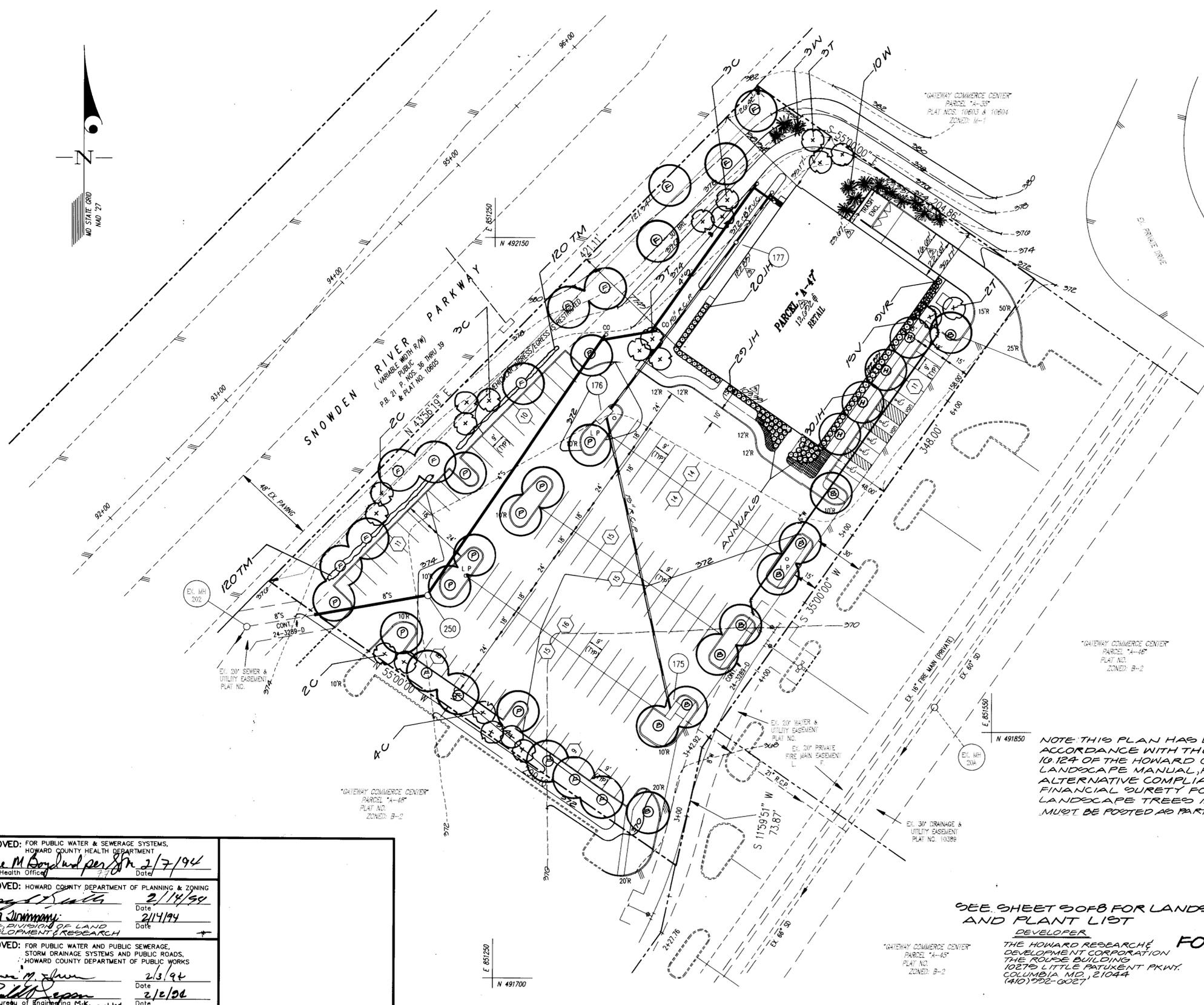
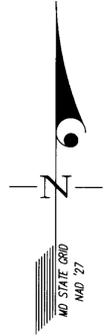
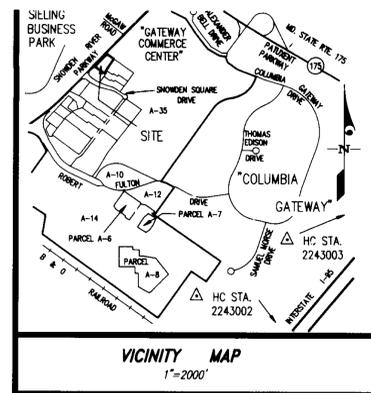
APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC ROADS
 HOWARD COUNTY DEPT. OF PUBLIC WORKS
 Director
 Date: 2/12/94

GLW GUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, SURVEYORS, PLANNERS, LANDSCAPE ARCHITECTS
 3908 NATIONAL DRIVE, SUITE 250 - BURTONSVILLE OFFICE PARK - BURTONSVILLE, MD. 20866
 TELEPHONE: (301) 421-4024 NO. VA. (301) 989-2524 BALTO. (301) 880-1820 FAX (301) 421-4186

PREPARED FOR:
 LEAPS & BOUNDS INC.
 1100 WEST 22ND STREET
 OAKBROOK, ILLINOIS 60021
 ATTN: ..

HANDICAP ACCESSIBILITY DETAILS
GATEWAY COMMERCE CENTER
 PARCEL A-47
 SNOWDEN SQUARE (PHASE II)
 HOWARD COUNTY, MARYLAND
 11TH ELECTION DISTRICT

CENSR. NO. 9007.00	WATER CODE E00	SEWER CODE 400000	DES.: M. J. T.	SCALE: AS SHOWN	ZONING: B-2	G.L.W. FILE NO.: 91-055
DRN.: M. S. J.	DATE: OCT. 03, 1993	TAX MAP NO.: 42	CHK.:			SHEET: 30FB



NOTE: THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECT. 10.124 OF THE HOWARD COUNTY CODE & THE LANDSCAPE MANUAL, FOLLOWING THE ALTERNATIVE COMPLIANCE METHOD. FINANCIAL SURETY FOR THE REQUIRED 40 LANDSCAPE TREES IN THE AMOUNT OF \$4,700.00 MUST BE POSTED AS PART OF THE GRADING PERMIT

K. W. H.

SEE SHEET S0FB FOR LANDSCAPE DETAILS NOTES SPECIFICATIONS AND PLANT LIST
 DEVELOPER: THE HOWARD RESEARCH DEVELOPMENT CORPORATION
 THE ROUSE BUILDING
 10275 LITTLE PATUXENT PKWY.
 COLUMBIA, MD. 21044
 (410) 552-0027

APPROVED: FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT <i>James M. Boyd</i> per <i>SM</i> 2/7/94 County Health Office Date	
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING <i>John J. W. G.</i> 2/14/94 Director Date <i>John Summary</i> 2/14/94 Chief, Division of Land Development & Research Date	
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS <i>James M. G. G.</i> 2/3/94 Director Date <i>Robert M. G.</i> 2/2/94 Chief, Bureau of Engineering M.K. Date	

GLW GUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, SURVEYORS, PLANNERS, LANDSCAPE ARCHITECTS
 3908 NATIONAL DRIVE SUITE 250 BURTONSVILLE OFFICE PARK BURTONSVILLE, MD. 20866
 TELEPHONE: (301) 421-4024 NO. VA. (301) 989-2524 BALTO. (301) 880-1820 FAX (301) 421-4186

DATE	REVISION	BY	APP'R.
12.20.92	REV. BUILDING DIMENSIONS	WJL	
12.23.92	REV. SIDEWALK ALONG ENTR. DRIVE PER HRD & BSW	WJL	
12.7.92	REV. PER HRD COMMENTS	WJL	

PREPARED FOR:
 LEAP & BOUNDS, INC.
 1100 WEST 22ND STREET
 OAKBROOK, ILLINOIS 60521
 ATTN:
LANDSCAPE PLAN
GATEWAY COMMERCE CENTER
 PARCEL A-47
 SNOWDEN SQUARE (PHASE II)
 GED ELECTION DISTRICT

DES.: K.W.H.	SCALE: 1"=30'	ZONING: B-2	G.L.W. FILE No.: 03-020
DRN.: W.S.J.	DATE: OCT. 01, 1993	TAX MAP No.: 42	SHEET: 4 OF 8
CHK.:			

PLANTING SPECIFICATIONS
PLANT MATERIALS AND PLANTING METHODS

A. Plant Materials

The landscape contractor shall furnish and install and/or dig, ball, burlap and transplant all of the plant materials called for on drawings and/or listed in the Plant Schedule.

1. Plant Names

Plant names used in the Plant Schedule shall conform with "Standardized Plant Names," latest edition.

2. Plant Standards

All plants material shall be equal to or better than the requirements of the "USA Standard for Nursery Stock" latest edition, as published by the American Association of Nurserymen (hereafter referred to as AAN Standards). All plants shall be typical of their species and variety, shall have a normal habit of growth and shall be first quality, sound, vigorous, well-branched and with healthy, well-furnished root systems. They shall be free of disease, insect pests and mechanical injuries.

a. All plants shall be nursery grown and shall have been grown under the same climate conditions as the location of the project for at least two years before planting. Neither heeled-in plants nor plants from cold storage will be accepted.

3. Plant Measurements

All plant material shall generally average the median for the size ranges indicated above as indicated in the "AAN Standards". All plants shall conform to the measurements specified in the plant schedule as approved by the ARC.

4. Plant Identification

Legible labels shall be attached generally average the minor trees, specimen shrubs and bushes or boxes of other plant material giving the botanical and common names, size and quantity of each. Each shipment of plants shall bear certificates of inspection as required by Federal, State and County authorities.

5. Plant Inspection

The ARC may, upon request by the builder or the developer, at least ten (10) days prior to the installation of any proposed plant material, inspect all proposed plant material at the source of origin.

B. Planting Methods

1. Planting Seasons

The planting of deciduous trees, shrubs and vines shall be from March 1st to June 15th and from September 15th to December 15th. Planting of deciduous material may be continued during the winter months providing there is no frost in the ground and frost-free topsoil planting mixtures are used.

The planting of evergreen material shall be from March 15th to June 15th and from August 15th to December 1st. No planting shall be done when ground is frozen or excessively moist. No frozen or wet topsoil shall be used at any time.

2. Digging

All plant material shall be dug, balled and burlapped (B+B) in accordance with the "AAN Standards".

3. Excavation of Plant Pits

The landscaping contractor shall excavate all plant pits, vine pits, hedge trenches and shrub beds in accordance with the following schedule:

a. Locations of all proposed plant material shall be staked and approved in the field by the landscape architect before any of the proposed plant material is installed by the landscape contractor.

b. All pits shall be generally circular in outline, vertical sides, depth shall not be less than 6" deeper than the root ball, diameter shall not be less than two times the diameter of the root ball as set forth in the following schedule.

c. If areas are designated as shrub beds or hedge trenches, they shall be excavated to at least 18" depth minimum. Areas designated for ground covers and vines shall be excavated to at least 12" in depth minimum.

4. Staking, Guying and Wrapping

a. Stakes: Shall be sound wood 2"x2" rough sawn oak or similar durable woods, or lengths, minimum 7'-0" for major trees and 5'-0" minimum for minor trees.

b. Wire and Cable: Wire shall be #10 ga. galvanized or bethanized annealed steel wire. For trees over 3" caliper, provide 5/16" turn buckles, eye and eye with 4" take-up. For trees over 5" caliper, provide 3/16", 7 strand cable cadmium plated steel, with galvanized "eye" thimbles of wire and hose on trees up to 3" in caliper.

c. Hose: Shall be new, 2 ply reinforced rubber hose, minimum 1/2" I.D. "Plastic Lock Ties" or "Paul's Trees Braces" may be used in place of wire and hose on trees up to 3" in caliper.

d. All trees under 3" in caliper are to be planted and staked in accordance with the attached "Typical Tree Staking Detail". All trees over 3" in caliper are to be planted and guyed in accordance with the attached "Typical Tree Guying Detail".

5. Plant Pruning, Edging and Mulching

a. Each tree, shrub or vine shall be pruned in an appropriate manner to its particular requirements, in accordance with accepted standard practice. Broken or bruised branches shall be removed with clean cuts flush with the adjacent trunk or branches. All cuts over 1" in diameter shall be painted with an approved antiseptic tree wound dressing.

b. All trenches and shrub beds shall be edged and cultivated to the lines shown on the drawing. The areas around isolated plants shall be edged and cultivated to the full diameter of the pit. Sod which has been removed and stacked shall be used to trim the edges of all excavated areas to the next lines of the plant pit saucers, the edges of shrub areas, hedge trenches and vine pockets.

c. After cultivation, all plant materials shall be mulched with a 2" layer of fine, shredded pine bark, peat moss, or another approved material over the entire area of the area of the bed.

6. Plant Inspection and Acceptance

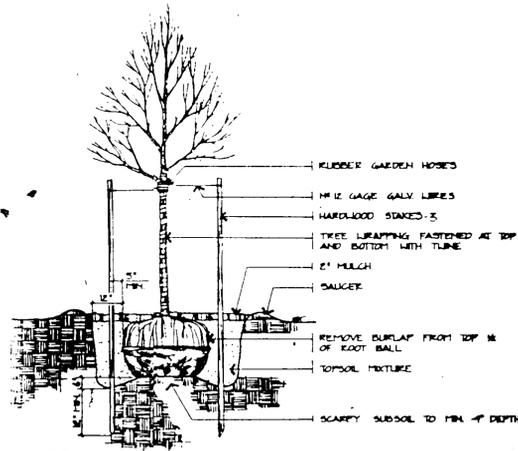
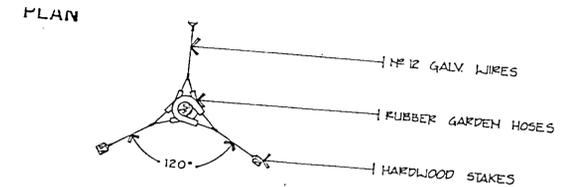
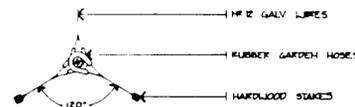
The ARC shall be responsible for inspecting all planting projects on a periodic basis to assure that all work is proceeding in accordance with the approved plans and specifications.

7. Plant Guarantee

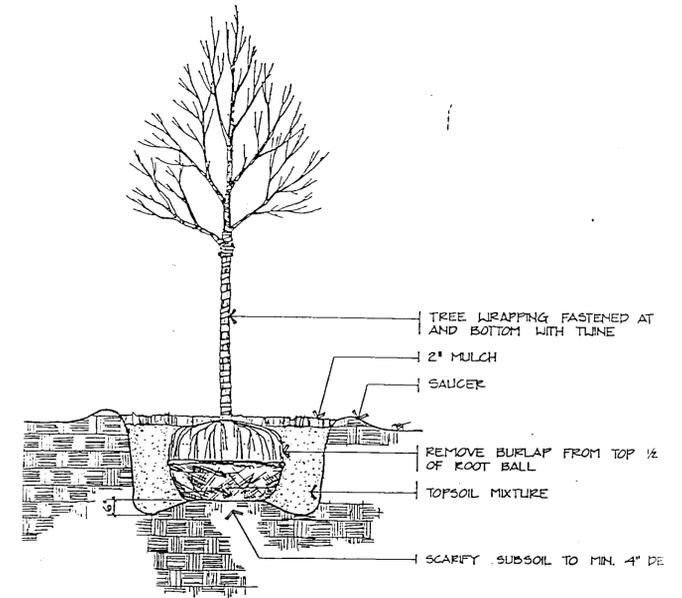
All plant material shall be guaranteed for the duration of one full growing season, after final inspection and acceptance of the work in the planting project. Plants shall be alive and in satisfactory growing condition at the end of the guarantee period.

a. For this purpose, the "growing season" shall be that period between the end of the "Spring" planting season, and the commencement of the "Fall" planting season.

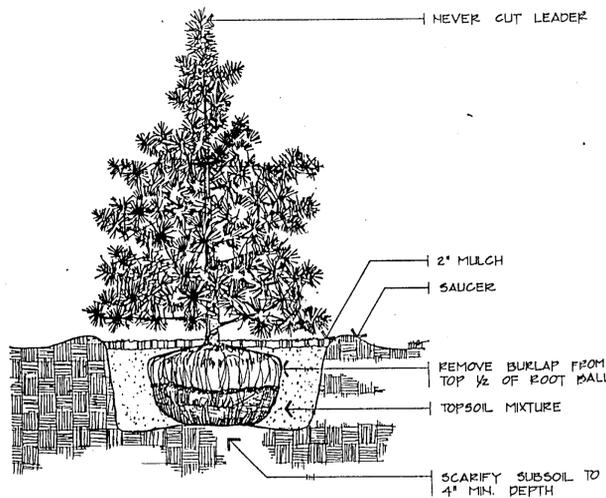
b. Guarantee for planting performed after the specified end of the "Spring" planting season, shall be extended through the end of the next following "Spring" planting season.



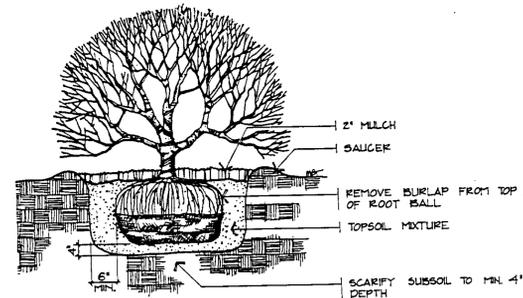
TYPICAL DECIDUOUS TREE PLANTING & STAKING
3" CALIPER AND SMALLER
NO SCALE



TYPICAL DECIDUOUS TREE PLANTING
NO SCALE



TYPICAL EVERGREEN TREE PLANTING
NO SCALE



TYPICAL B&B SHRUB PLANTING
NO SCALE

Leaps & Bounds Plant List				
Key	Name/Botanical/Common	Quant.	Unit Size	Spacing, Remarks
B	Pyrus C Bradford 'Aristocrat'/Aristocrat Pear	9	3"-3 1/2" Cal. 14'-16' Ht.	B&B central leader
P	Platanus Acerfolia/London Plane Tree	10	3"-3 1/2" Cal. 14'-16' Ht.	B&B
F	Fraxinus pennsylvanica 'Autumn purple'/Autumn Purple Ash	10	3-3 1/2" Cal. 14'-16' Ht.	B&B
W	Pinus Strobus/White Pine	10	6'-8' Ht.	B&B
C	Crataegus phaenopyrum 'Lavallei'/Lavalle Hawthorne	14	3"-3 1/2" Cal. 14'-16' Ht.	B&B upright form
T	Prunus C Thundercloud/Purpleleaf Flowering Plum	8	2 1/2"-3" Cal. 12-14' Ht.	B&B full head
JH	Juniperus horizontalis plumosa/Andorra Juniper	70	18-24" spd.	B&B Cont
H	CARPINUS BETULUS FASTIGIATA/ PYRAMIDAL EUROPEAN HORNBEAM	4	3-3 1/2" CAL 14'-16' HT	B&B
VR	Viburnum rhytidophyllum/ Leatherleaf Viburnum	9	3' Ht.	B&E
TM	Toxus media densifloris/Dense Yew	240	24"-30" spd.	B&B 3'oc.

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
James M. Boyd 2/7/94
HEALTH OFFICER

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
John J. Smith 2/14/94
DIRECTOR

APPROVED: DIVISION OF LAND DEVELOPMENT & RESEARCH
Gina J. Jermann 2/14/94
DIRECTOR

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James J. Law 2/3/94
DIRECTOR

Charles E. Sporn 2/2/94
DIRECTOR, BUREAU OF ENGINEERING

NOTE: THE SIZE, TYPE, LOCATION AND NUMBER OF TREES SHOWN ON THESE PLANS ARE SUBJECT TO THE REVIEW OF THE HRD ARCH. REVIEW COMMITTEE

DEVELOPER
THE HOWARD RESEARCH & DEVELOPMENT CORPORATION
THE ROUSE BUILDING
10270 LITTLE PATUXENT PKWY.
COLUMBIA, MD., 21044
(410) 992-0027



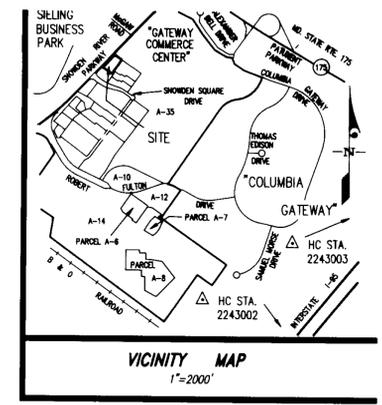
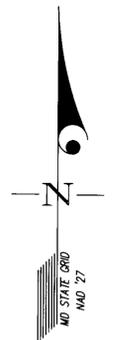
GLW GUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, SURVEYORS, PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK - BURTONSVILLE, MD 20886
TELEPHONE: (301) 421-4024 NO. VA. (301) 989-2524 BALTO. (301) 880-1820 FAX (301) 421-4186

DATE	REVISION	BY	APP'R.
12-7-93	REV. PER HRD COMMENTS	WJ	

PREPARED FOR:
LEAPS & BOUNDS, INC.
1100 WEST 22ND STREET
OAKBROOK, ILLINOIS 60521
ATTN.

LANDSCAPE DETAILS
GATEWAY COMMERCE CENTER
PARCEL A-47
SNOWDEN SQUARE (PHASE II)
HOWARD COUNTY, MARYLAND
5th ELECTION DISTRICT

DES.	SCALE	ZONING	G.L.W. FILE No.
	NO SCALE	B-2	03-050
DRN.	DATE	TAX MAP No.	SHEET
	OCT. 9, 1993	42	50FB



SEQUENCE OF CONSTRUCTION

1. Obtain grading permit.
2. Arrange on-site pre-construction meeting with Sediment Control Inspector.
3. Install stone construction entrance.
4. Construct sediment traps and associated temporary swale. Construct Storm Drain Inlet No. 175 and temporary riser structure. Install baffle, as required.
5. Fine grade the site.
6. Install storm drain - including temporary swales as required and inlet protection.
7. Construct water and sewer from existing stubs to the building.
8. Construct building.
9. Install curb and gutter, sidewalk and base paving except in areas near the sediment trap. Stabilize remaining areas with grass seed and mulch.
10. When areas draining to sediment control measures have been stabilized and permission is granted from the Sediment Control Inspector, restore sediment trap and temporary swales to proposed grade. Install remaining curb and gutter. Install remaining base paving. Seed and mulch all remaining areas.
11. Install surface paving.
12. Install landscaping.
13. Remove all remaining sediment controls.

LEGEND

- SILT FENCE
- INLET PROTECTION
- TEMPORARY SWALE
- STABILIZED CONSTRUCTION ENTRANCE
- EXISTING DRAINAGE DIVIDE
- PROP. DRAINAGE DIVIDE
- MAX. D.A. TO TRAP

SEDIMENT TRAP
 PIPE OUTLET SEDIMENT TRAP
 DRAINAGE AREA = 2.0 AC. (PRE-DEVELOPMENT) (POST-DEVELOPMENT)
 STORAGE REQUIRED = 2.0 (1,800) = 3,600 ft³
 STORAGE DEPTH = 4.5 FEET
 CLEANOUT ELEVATION = 204.05
 OUTLET ELEVATION = 204.50
 BOTTOM ELEVATION = 204.00
 SIDE SLOPES = 2:1
 SURFACE AREA @ ELEV. 204.50 x 0.25 = 2,175 SQ. FT.
 SURFACE AREA @ ELEV. 204.00 (BOTTOM) = 1,000 SQ. FT.
 VOLUME PROVIDED = 2,175 x 0.25 = 544 SQ. FT.
 L.O.S. = LIMIT OF STORAGE DEVELOPER'S/BUILDER'S CERTIFICATE

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."

CK Johnson *CK Johnson* 10-3-93
 Date Signature of Developer/Builder Date

DEVELOPER
 THE HOWARD RESEARCH DEVELOPMENT CORPORATION
 THE ROUSE BUILDING
 10275 LITTLE PATUXENT PKWY
 COLUMBIA MD. 21044
 (410) 992-6027

These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements.

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.

John C. Robertson 1/27/94
 Date

DRAINAGE AREA TABULATION

AREA #	AREA GRASS	AREA PAVING	TOTAL AREA	C FACTOR
175	0.18	0.60	0.87	0.72
176	0.17	0.24	0.41	0.60
177	0.42	0	0.42	0.25
177A	0	0.20	0.20	0.85

APPROVED: FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
James M. Bond 2/7/94
 County Health Officer Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
Angela Swannick 2/14/94
 Director Date
Chris Swannick 2/14/94
 Chief, Division of Land Development & Research Date

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James P. Johnson 2/3/94
 Director Date
Chris Johnson 2/2/94
 Chief, Bureau of Engineering M.K. 02/2/94 Date

GLW GUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, SURVEYORS, PLANNERS, LANDSCAPE ARCHITECTS
 2909 NATIONAL DRIVE SUITE 250 BURTONSVILLE OFFICE PARK BURTONSVILLE, MD. 20884
 TELEPHONE: (301)421-4024 NO. VA. (301)989-2524 BALTO. (301)880-1820 FAX (301)421-4186

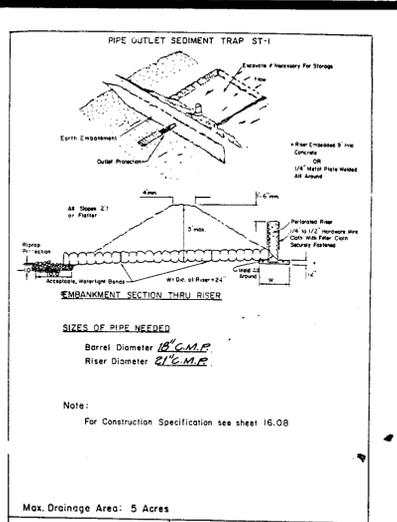
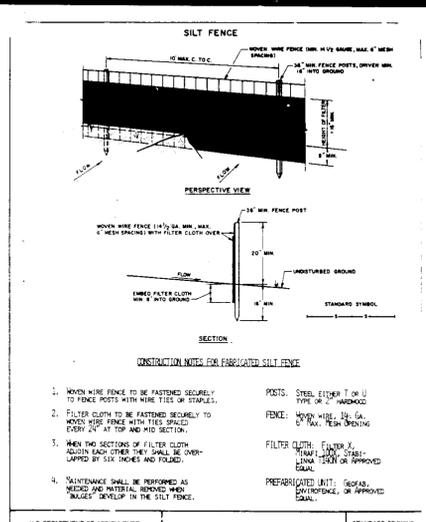
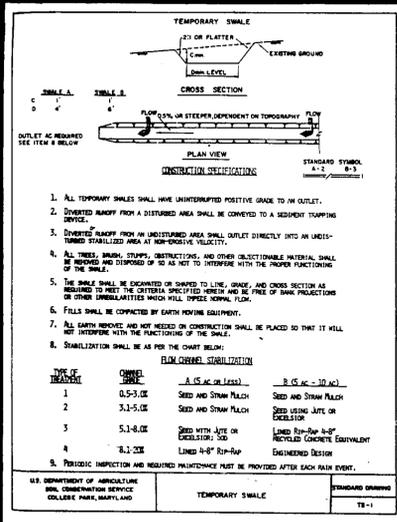
PREPARED FOR:

LEAPO & BOUNDS, INC.
 1100 WEST 22ND STREET
 OAKBROOK, ILLINOIS 60021
 ATTN: _____

REVISION	DATE	BY	APP'R.
12-20-93	REV. BUILDING DIMENSIONS	W.S.J.	
12-22-93	REVISE SIDEWALK ALONG SNOWDEN RIVER PARKWAY	W.S.J.	

SEDIMENT CONTROL PLAN & DRAINAGE AREA MAP
GATEWAY COMMERCE CENTER
 PARCEL A-47
 SNOWDEN SQUARE (PHASE II)
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

DES.	SCALE	ZONING	G.L.W. FILE No.
M.J.T.	1"=30'	B-2	93-083
DRN.	DATE	TAX MAP No.	SHEET
M.S.J.	OCT. 10 1993	42	008
CHK.			



CONSTRUCTION SPECIFICATIONS FOR ST-1

1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and roots etc. The pool area shall be cleared.

2. The fill material for the embankment shall be free of rocks or other woody vegetation all well as oversized stones, roots, organic material, or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.

3. Volume of sediment storage shall be 1800 cubic feet per acre of contributory drainage.

4. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.

5. The structure shall be inspected after each rain and repairs made as needed.

6. Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.

7. The structure shall be removed and earth stabilized when the drainage area has been properly stabilized.

8. All fill slopes shall be 2:1 or flatter; out slopes 1:1 or flatter.

9. All pipe connections shall be watertight.

10. The top 2/3 of the riser shall be perforated with one (1) inch diameter holes or slots spaced six (6) inches vertically and horizontally and placed in the concrete portion of pipe. All holes will be allowed within six (6) inches of the horizontal barrel.

11. The riser shall be wrapped with 1/4 to 1/2 inch hardware cloth wire mesh wrapped with filter cloth (having an equivalent sieve size of 40 - 50). The filter cloth shall extend six (6) inches above the highest hole and six (6) inches below the lowest hole. Where ends of filter cloth come together, they shall be overlapped, folded and stapled to pre-wet bypass.

12. Straps or connecting bands shall be used to hold the filter cloth and wire fabric in place. They shall be placed at the top and bottom of the cloth.

13. Fill material around the pipe spillway shall be hand compacted in four (4) inch layers. A maximum of two (2) feet of hand-compacted backfill shall be placed over the pipe spillway before crossing it with construction equipment.

14. The riser shall be anchored with either a concrete base or steel plate base to prevent flotation. For concrete bases the depth shall be 12 inches with the riser embedded nine (9) inches. A 1/4 inch minimum thickness steel plate shall be attached to the riser by a continuous weld around the bottom to form a watertight connection and then place two (2) feet of stone, gravel, or compact earth on the plate.

SEDIMENT CONTROL NOTES

1. A minimum of 24 hours notice must be given to the Howard County Office of Inspection 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 and 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 EROSIONS AND SEDIMENT CONTROL for permanent seedings (Sec. 51), sod (Sec. 54), temporary seedings (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: 2.3 Acres
Area Disturbed: 2.2 Acres
Area to be roofed or paved: 1.0 Acres
Area to be vegetatively stabilized: 0.7 Acres
Total Cut: 1,700 Cu. Yds.
Total Fill: 1,000 Cu. Yds.
Off-Site waste/borrow area location N/A

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 control 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.

PERMANENT SEEDING NOTES

Apply to graded or cleared area not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seeded Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding (unless previously loosened).

Soil Amendments: In lieu of soil test recommendations, use one of the following schedules

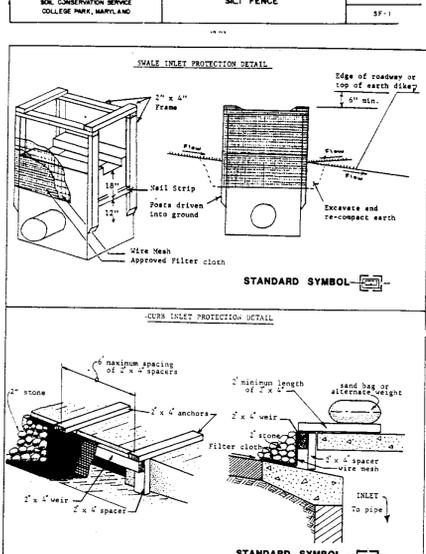
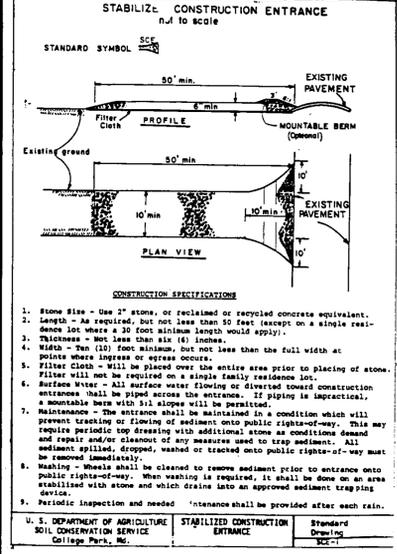
1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square feet) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq ft).

2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil.

Seeding: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/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 60 lbs/acre Kentucky 31 Tall Fescue 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 unrotted 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.



II. Procedure

A. A weal, ditchline or yard inlet protection.

- Excavate completely around inlet to a depth of 18" below notch elevation.
- Drive 2 x 4 post 1' into ground at four corners of inlet. Place nail strips between posts on ends of inlet. Assemble top portion of 2 x 4 frame using overlap joint shown. Top of frame (weir) must be 6" below edge of roadway adjacent to inlet.
- Stretch wire mesh tightly around frame and fasten securely. Ends must meet at post.
- Stretch filter cloth tightly over wire mesh, the cloth must extend from top of frame to 18" below inlet notch elev. Fasten securely to frame. Ends must meet at post, be overlapped and folded, then fastened down.
- Backfill around inlet in compacted 6" layers until layer of earth is even with notch elevation on ends and top elevation on sides.
- If the inlet is not in a low point, construct a compacted earth dike in the ditchline below it. The top of this dike is to be at least 6" higher than the top of frame (weir).
- This structure must be inspected frequently and the filter fabric replaced when clogged.

B. Curb Inlet Protection.

- Attach a continuous piece of wire mesh (30" min. width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 2") as shown on the standard drawing.
- Place a piece of approved filter cloth (40-85 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
- Securely nail the 2" x 4" weir to 9" long vertical spacers to be located between the weir and inlet face (max. 6" apart).
- Place the assembly against the inlet throat and nail (minimum 2" lengths of 2" x 4" to the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.

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Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted 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.

Approved: For public water & public sewerage systems
Howard County Health Department
George M. Boyd
Health Officer
2/7/94
Date

Approved: Howard County Department of Planning
James J. Smith
2/14/94
Date

Approved: CHESAPEAKE DIVISION OF LAND DEVELOPMENT & RESEARCH
James J. Smith
2/14/94
Date

Approved: For public water & public sewerage, storm drainage systems and public facilities
Howard County Dept. of Public Works
James J. Smith
2/14/94
Date

Approved: Chief Engineer
Charles J. Smith
2/14/94
Date

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND

DEVELOPER

THE HOWARD RESEARCH DEVELOPMENT CORPORATION
THE HOWARD BUILDING
10275 LITTLE PATUXENT PKWY
COLUMBIA, MD. 21044
(410) 992-6027

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

John P. Polton
Howard S.C.D.
Date 1/27/94

DEVELOPER'S/BUILDER'S CERTIFICATE

I/We certify that all development and/or 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 the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the HSCD.

Richard H. Kurlaw
Signature of Developer/Builder
Date 1/23/93

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

Seeded Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding (unless previously loosened).

Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2-1/2 bushel 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 (.07 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 unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet 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.

Approved: For public water & public sewerage systems
Howard County Health Department
George M. Boyd
Health Officer
2/7/94
Date

Approved: Howard County Department of Planning
James J. Smith
2/14/94
Date

Approved: CHESAPEAKE DIVISION OF LAND DEVELOPMENT & RESEARCH
James J. Smith
2/14/94
Date

Approved: For public water & public sewerage, storm drainage systems and public facilities
Howard County Dept. of Public Works
James J. Smith
2/14/94
Date

Approved: Chief Engineer
Charles J. Smith
2/14/94
Date

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND

DEVELOPER

THE HOWARD RESEARCH DEVELOPMENT CORPORATION
THE HOWARD BUILDING
10275 LITTLE PATUXENT PKWY
COLUMBIA, MD. 21044
(410) 992-6027

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

John P. Polton
Howard S.C.D.
Date 1/27/94

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.

Patricia Engler
U.S. Soil Conservation Service
Date 1-27-94

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

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Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2-1/2 bushel 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 (.07 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 unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet 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.

GLW GUTSCHICK LITTLE & WEBER, P.A.
ENGINEERS, PLANNERS, SURVEYORS
3909 NATIONAL DRIVE SUITE 250 BURTONSVILLE OFFICE PARK BURTONSVILLE, MD. 20886
TELEPHONE (301) 421-4024

DESIGN	DATE	REVISION	BY	APPR.

PREPARED FOR:
LEAPS & BOUNDS, INC.
1100 WEST 22ND STREET
OAKBROOK, ILLINOIS 60021
ATTN: _____

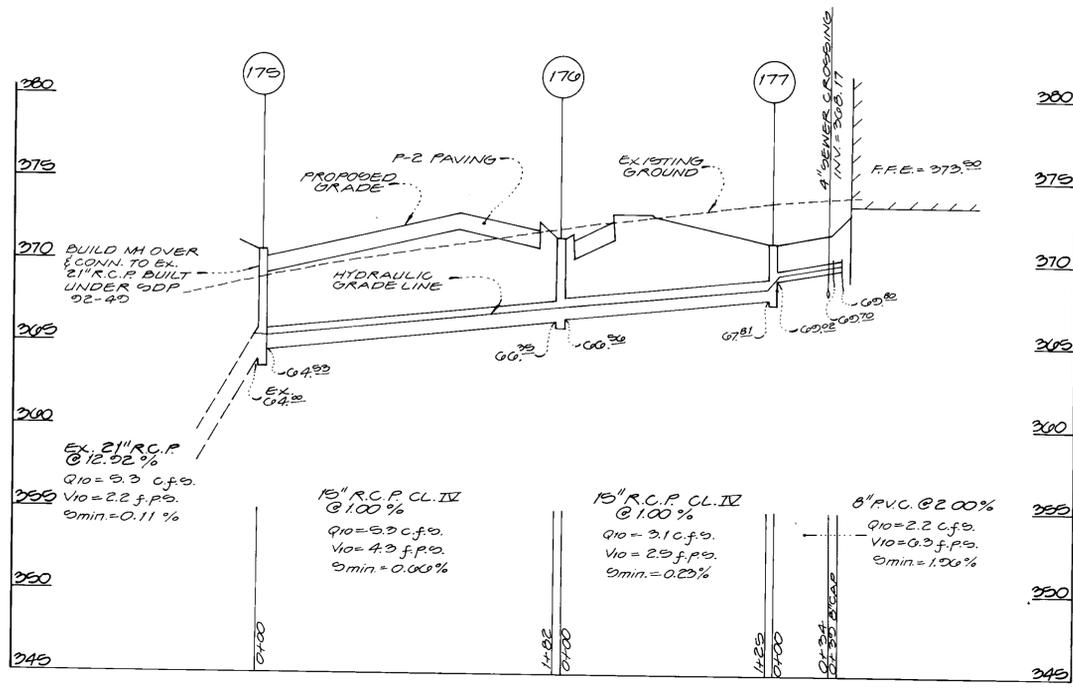
SEDIMENT CONTROL DETAILS

GATEWAY COMMERCE CENTER
PARCEL A-47
SNOWDEN SQUARE (PHASE II)
HOWARD COUNTY, MARYLAND
G14 ELECTION DISTRICT

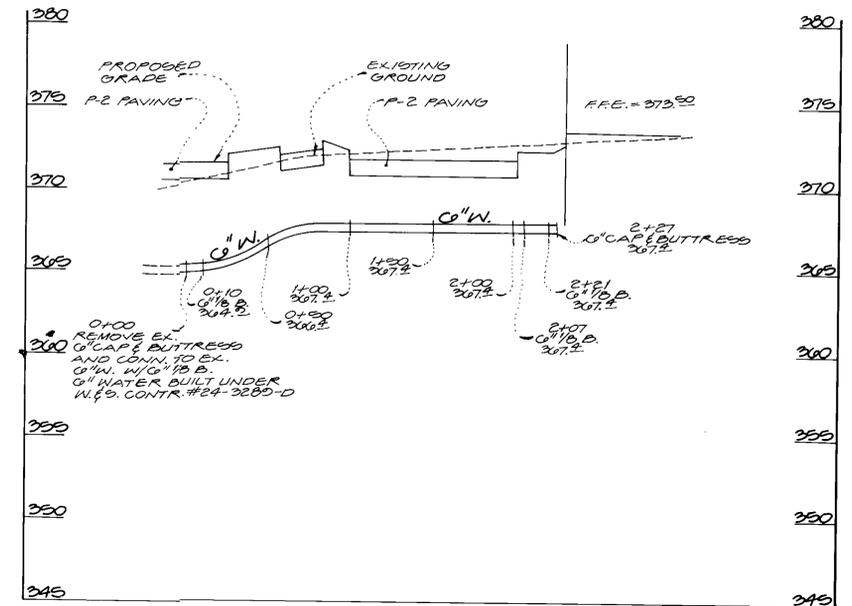
SCALE	ZONING	G.L.W. FILE NO.
	B-2	93-09D
DATE	TAX MAP NO.	SHEET
OCT. 9 1993	42	70FB

STRUCTURE SCHEDULE					
NO.	TYPE	WIDTH / DIA.	TOPELEV. / GRADE ELEV.	INVERT ELEV.	STD. DTL.
179	A10 INLET	2'-6"	373.00	304.00	S.D. 4.41
176	"	2'-6"	371.00	300.00	S.D. 4.41
177	MANHOLE	4'	371.00	300.01	G.S. 12 *

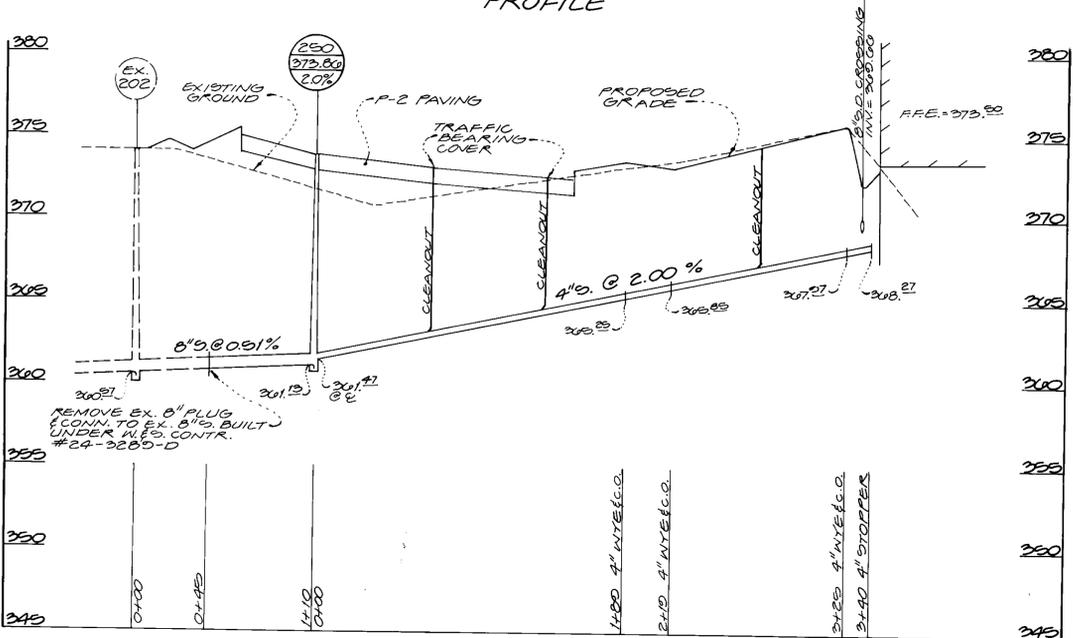
* REPLACE STD. MANHOLE FRAME & COVER WITH BIC UTILITY SUPPLY INC. FRAME #1040 AND BEEHIVE GRATE TYPE 02.



PROFILE



PROFILE



PROFILE

SCALES:
HORIZ.: 1"=50'
VERT.: 1"=5'

NOTE: FOR ADDITIONAL INFORMATION SEE GENERAL NOTES

NOTE: FOR TEMP SEDIMENT CONTROL PIPE OUTLET TRAP PROFILE SEE SHEET G OF B

APPROVED: FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.
 Deputy Health Officer
 DATE: 2/2/94

APPROVED: HOWARD COUNTY DEPT. OF PLANNING
 Director
 DATE: 2/14/94

APPROVED: FOR PUBLIC WATER & SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC ROADS
 HOWARD COUNTY DEPT. OF PUBLIC WORKS
 DATE: 2/3/94

DEVELOPER
 THE HOWARD RESEARCH & DEVELOPMENT CORPORATION
 THE ROUSE BUILDING
 10275 LITTLE PATUXENT PKWY.
 COLUMBIA, MD. 21044
 (410) 992-0027

GLW GUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, SURVEYORS, PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE, SUITE 250, BURTONSVILLE OFFICE PARK, BURTONSVILLE, MD 20866

DATE	REVISION	BY	APPR

LEAPS & BOUNDS, INC.
 1100 WEST 22ND STREET
 OAKBROOK, ILLINOIS 60521
 ATTN:

UTILITY PROFILES
GATEWAY COMMERCE CENTER
 PARCEL A-47
 SNOWDEN SQUARE (PHASE II)
 HOWARD COUNTY, MARYLAND
 6TH ELECTION DISTRICT

DES.:	SCALE	ZONING	G.L.W. FILE NO.
M.J.T.	AS SHOWN	B-2	91-055
DRN.:	DATE	TAX MAP NO.	SHEET
W.S.J.	OCT. 9, 1993	42	8 OF 8