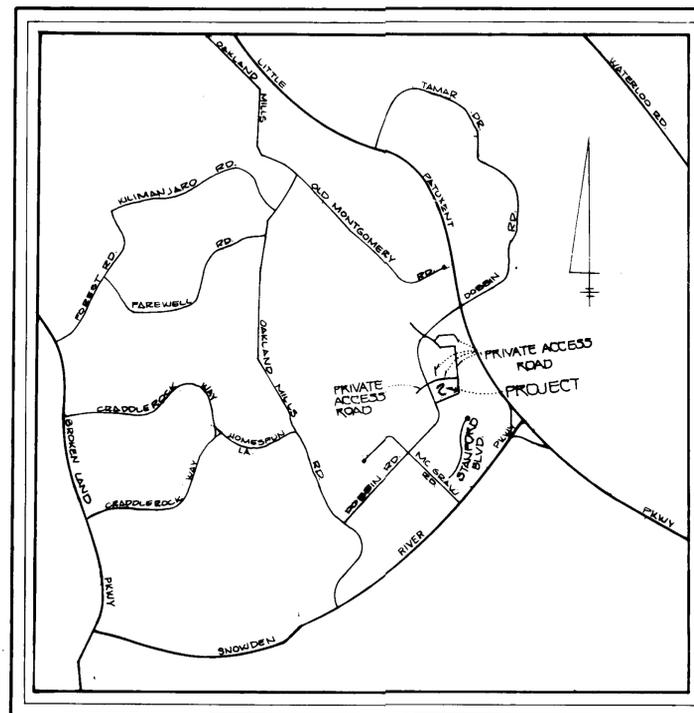


SITE DEVELOPMENT PLANS COLUMBIA DOBBIN ROAD COMMERCIAL CENTER SECTION ONE AREA ONE PARCEL A SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

- CONSTRUCTION SEQUENCE**
1. OBTAIN GRADING PERMIT.
 2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES, EARTH DIKES, AND INSTALL SILT FENCE.
 3. CONSTRUCT SEDIMENT TRAP NO. 3.
 4. INSTALL INLET I-1 AND REMOVE EX. INLETS AND PIPE AS SHOWN ON SHEET 4 OF 6.
 5. CONSTRUCT STORM DRAIN FROM I-7 TO I-1. BLOCK PIPE FROM I-3 TO I-1, INSTALL TEMPORARY PIPE FROM I-4 TO TRAP NO. 3 AND FROM TRAP NO. 3 TO I-1 AS SHOWN ON SHEET 4 OF 6.
 6. INSTALL STORM DRAIN FROM I-9 TO EX. 1 AND INSTALL INLET SEDIMENT TRAPS AT I-9 AND I-8 AS SHOWN ON SHEET 4 OF 6.
 7. GRADE SITE TO SUBGRADE.
 8. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE FOR THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON AFTER EACH RAINFALL AND ON A DAILY BASIS AT TIME OF GRADING THE CONTRACTOR SHALL MAINTAIN POSITIVE FLOW TO ALL SEDIMENT TRAPS.
 9. SEDIMENT SHALL BE REMOVED FROM THE TRAP WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED. THE TRAP SHALL BE DEWATERED BY PUMPING. SEDIMENT SHALL BE PLACED UP HILL FROM THE TRAP.
 10. REMOVE SEDIMENT FROM EX-ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCES AS REQUIRED.
 11. FINE GRADE SITE.
 12. INSTALL CURB AND GUTTER AND SUB-BASE ON ROADS AND PARKING AREAS.
 13. REMOVE STONE CONSTRUCTION ENTRANCES. CLEAN BASE COURSE. APPLY TACK COAT AND LAY SURFACE COURSES.
 14. REMOVE SEDIMENT CONTROL TRAPS AND TEMPORARY PIPES. UNBLOCK PIPE FROM I-3 TO I-1.
 15. ALL DISTURBED AREAS DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED.
 16. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR PERIMETER SEDIMENT CONTROL STRUCTURES, SLOPES GREATER THAN 3:1; b) 14 DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
 17. COMPLETE STABILIZATION OF ALL DISTURBED AREAS SHALL BE DONE PRIOR TO REMOVAL OF ALL SEDIMENT CONTROLS.
 18. NOTIFY HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS FOR FINAL INSPECTION AT DURATION OF PROJECT (301) 792-7272.
 19. WELD A METAL PLATE WITH A 2.4" DIAMETER ORIFICE OPENING ON THE FACE OF THE EX. 15" ORIFICE PIPE IN THE EX. S.W.M. POND ON PARCEL 'C' SDP 81-51C.



VICINITY MAP
SCALE 1"=200'

GENERAL NOTES:

1. TOTAL AREA OF PROPERTY= 6.451 AC.±
2. ZONED: NEW TOWN (EMPLOYMENT CENTER)
3. INTENDED USE OF STRUCTURES - RETAIL
4. MINIMUM BUILDING SETBACK RESTRICTION FROM PROPERTY LINES AND PUBLIC RIGHT-OF-WAY LINES SHALL BE IN ACCORDANCE WITH THE RECORDED FINAL DEVELOPMENT PHASE CRITERIA 132A III RECORDED IN PLAT BOOK 3054A AT FOLIO 280 TO 284.
5. STORM WATER MANAGEMENT FOR THIS PROJECT IS PROVIDED BY F 81-136C ON PARCEL 'C'.
6. PUBLIC WATER AND SEWER WILL BE USED WITHIN THIS PROJECT.
7. PARKING SPACES:
REQUIRED - 5 PARKING SPACES PER 1,000 SQUARE FEET OF NET LEASABLE AREA.
GROSS BUILDING AREA = 64,028 SQ.FT.
NET LEASABLE AREA=802X64,028 SQ.FT.=51,222 SQ.FT.
51,222 / 5 = 10,244 SPACES REQUIRED
8. PARKING PROVIDED:
1) 305 REGULAR SPACES
2) 8 HANDICAPPED SPACES.
9. THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 992-2437.
10. HANDICAPPED FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE "DESIGN OF BARRIER FREE FACILITIES" AND THE "MARYLAND BUILDING CODE FOR THE HANDICAPPED AND AGED".
11. ALL PAVING AND STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
12. EXISTING UTILITIES SHOWN HEREON HAVE BEEN LOCATED FROM FIELD AND OFFICE INFORMATION. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE MAKING ANY CONNECTION THERETO OR EXCAVATING IN THE AREA THEREOF.
13. THE CONTRACTOR SHALL NOTIFY MISS UTILITY 559-0100 A MINIMUM OF THREE DAYS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON.
14. WATER QUALITY FOR THIS PROJECT WILL BE PROVIDED FOR IN THE EXISTING STORM WATER MANAGEMENT POND LOCATED IN PARCEL 'C'. THE CONTRACTOR SHALL WELD A METAL PLATE ON THE END OF THE EX. 15" C.M.P. THE METAL PLATE SHALL HAVE A 2-7/16" DIAMETER OPENING AT THE BOTTOM OF THE PLATE.
15. THIS PROPERTY IS RECORDED AS PARCEL 'A' DOBBIN ROAD COMMERCIAL CENTER, SECTION 1/AREA 1 ON RECORD PLAT NO. 4875.
16. A LEVEL SURFACE NOT LESS THAN THE WIDTH OF THE ENTRANCE AND EXTENDED FIVE (5) FEET OUT FROM THE ENTRANCE OF THE BUILDING SHALL BE INLAIN IN THE SIDEWALK FOR THE PURPOSE OF IDENTIFICATION BY HANDICAPPED PERSONS.

SHEET INDEX

- 1) TITLE SHEET
- 2) PLAN VIEW
- 3) STORM DRAIN PROFILES AND DETAILS
- 4) DRAINAGE AREA MAP AND SEDIMENT CONTROL PLAN
- 5) SEDIMENT CONTROL NOTES AND DETAILS
- 6) LANDSCAPE PLAN



11-20-90

OWNER
HOWARD RESEARCH AND DEVELOPMENT CORPORATION
10275 LITTLE PATUXENT PARKWAY
COLUMBIA MARYLAND 21044

DEVELOPER
FOX CORPORATION
8115 E. JEFFERSON
DETROIT MICHIGAN
48214

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
SUITE 100, 9171 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21043
(301) 461-2855

ENGINEER'S CERTIFICATE
I HEREBY 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.

William R. Fox
SIGNATURE OF ENGINEER
12/7/90
DATE

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, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

William R. Fox
SIGNATURE OF DEVELOPER
12/7/90
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

John A. Smith
12/7/90
DATE

SOIL CONSERVATION SERVICE

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

APPROVED:

John A. Smith
12/7/90
DATE

DISTRICT OFFICER
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: DEPT. OF PLANNING AND ZONING

James R. Smith
5/20/91
DATE

PLANNING DIRECTOR

James R. Smith
5/20/91
DATE

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

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

James R. Smith
5-15-91
DATE

HEALTH OFFICER

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

James R. Smith
5/18/91
DATE

DIRECTOR, PUBLIC WORKS

James R. Smith
12/11/90
DATE

CHIEF, BUREAU OF ENGINEERING

PROPERTY/SUBDIVISION	SECTION/AREA	PARCEL
DOBBIN RD. COMMERCIAL CENTER	1/1	A
PLAT NO./L.F.	BLOCK NO.	TAX/ZONE
4875	17/10	N.T. 36
WATER CODE	ELEC. DIST.	CENSUS TR.
1E06	6	COCS.02
	SEWER CODE	
	5330000	

TITLE SHEET

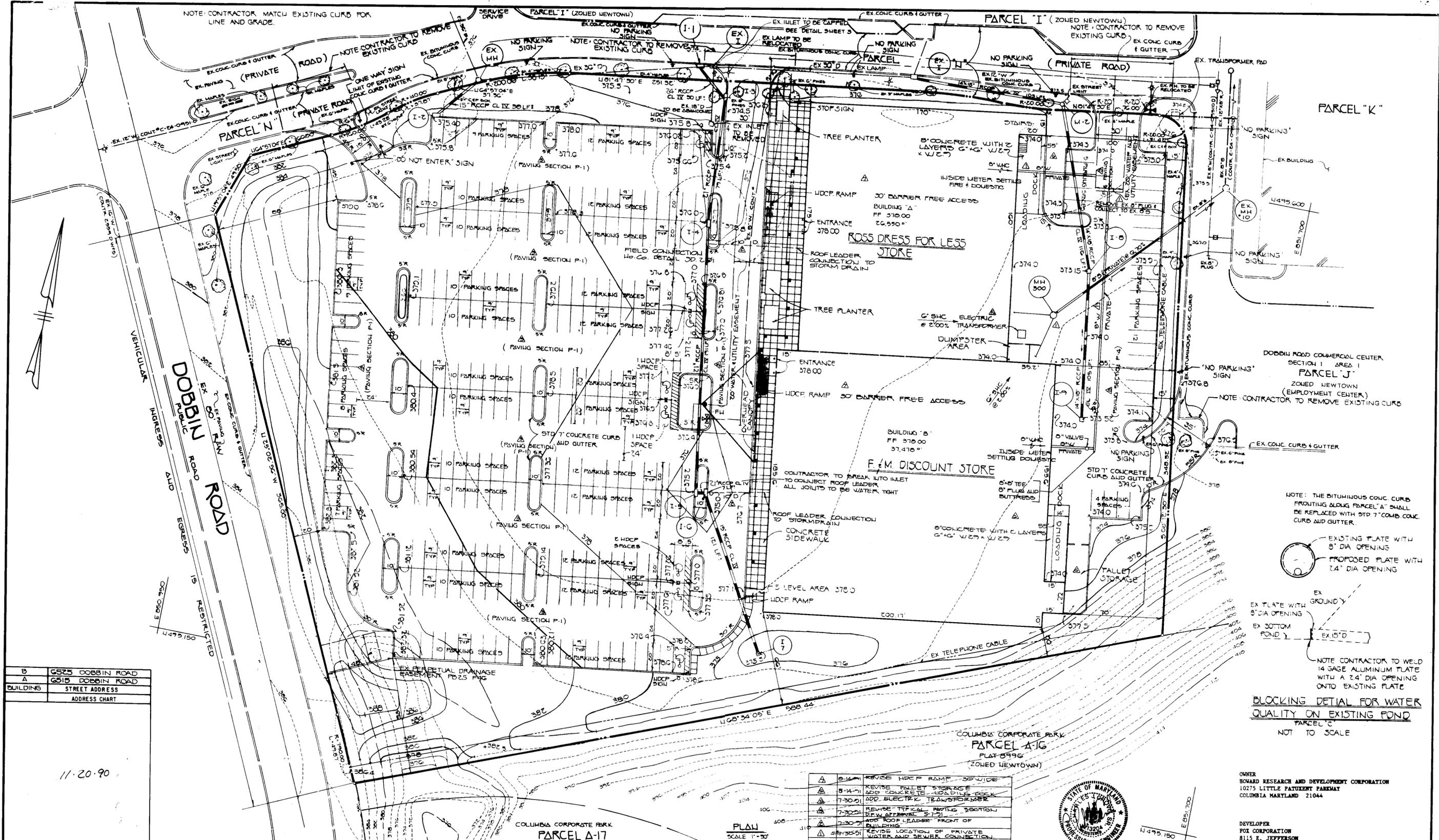
COLUMBIA

DOBBIN ROAD COMMERCIAL CENTER
SECTION 1 AREA 1

SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

TAX MAP 36 P.O. PARCEL 1376
SCALE DATE: SEPT. 12, 1990

SHEET 1 OF 6



B	6525 DOBBIN ROAD
A	6515 DOBBIN ROAD
BUILDING	STREET ADDRESS
	ADDRESS CHART

11-20-90

NUMBER	DATE	DESCRIPTION
1	8-14-91	REVISE HDCP RAMP SIDEWALK
2	8-14-91	REVISE RILET STORAGE
3	7-30-91	ADD CONCRETE LOADING DOCK
4	7-30-91	ADD ELECTRIC TRANSFORMER
5	7-30-91	REVISE TYPICAL PAVING SECTION (REV. ATTACHED S-1)
6	7-30-91	ADD ROOF LEADER FRONT OF BUILDING
7	11-30-91	REVISE LOCATION OF PRIVATE WATER AND SEWER CONNECTION



OWNER
HOWARD RESEARCH AND DEVELOPMENT CORPORATION
10275 LITTLE PATENT PARKWAY
COLUMBIA MARYLAND 21044

DEVELOPER
FOX CORPORATION
8115 E. JEFFERSON
DETROIT MICHIGAN
48214

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
SUITE 100, 9171 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21043
301)461-2855

ENGINEER'S CERTIFICATE
I HEREBY 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.

Signature: *Chellie*
Date: 12/7/90

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 AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

Signature: *William V. Fox*
Date: 12/7/90

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT TECHNICAL REQUIREMENTS
Signature: *James P. ...*
Date: 12/17/90

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED: *James P. ...*
Date: 12/17/90

APPROVED: DEPT. OF PLANNING AND ZONING
Signature: *James P. ...*
Date: 5/20/91

Signature: *Mark S. ...*
Date: 5/21/91

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS
Signature: *James P. ...*
Date: 5-15-91

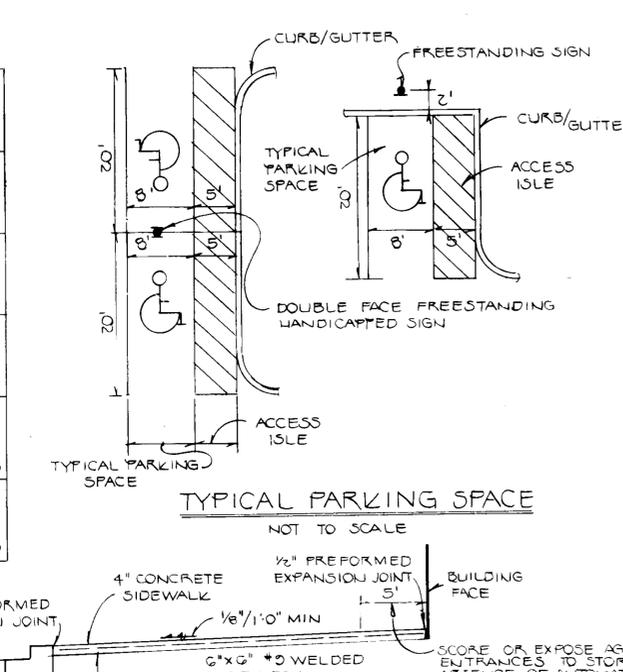
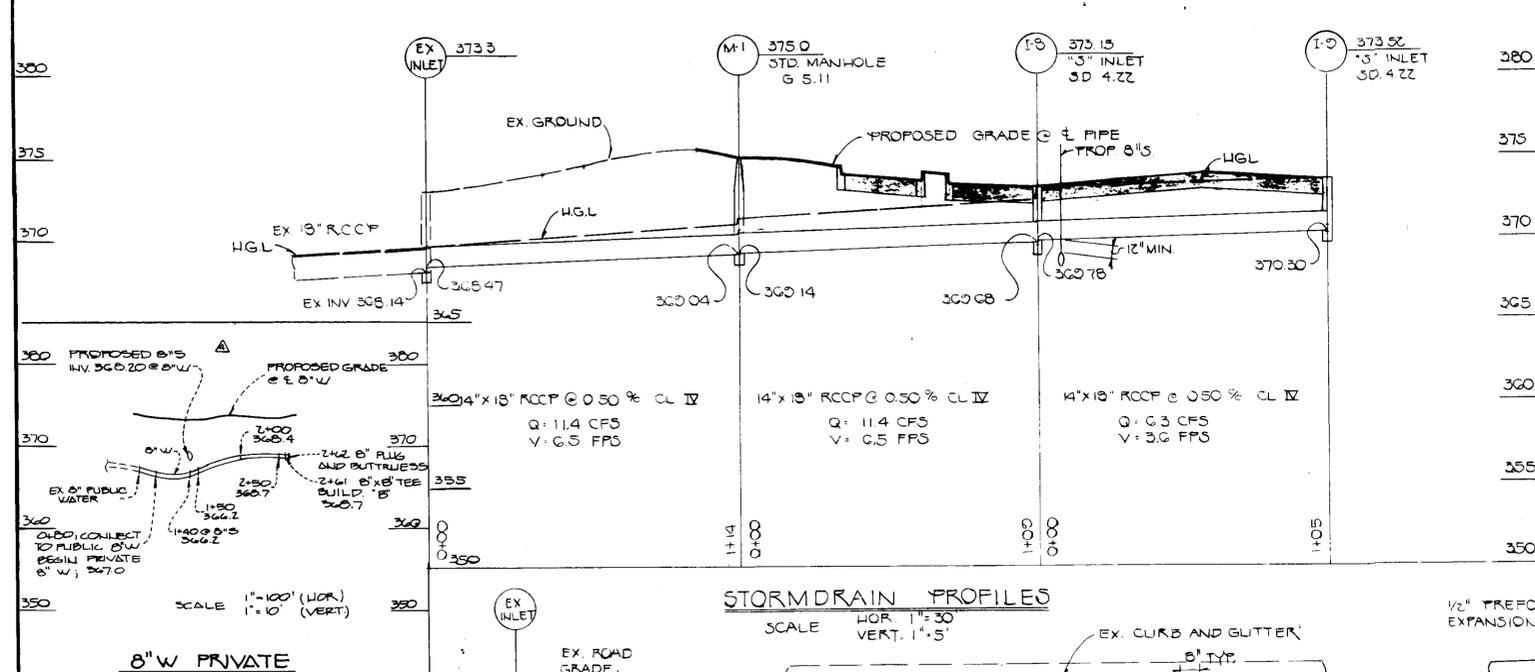
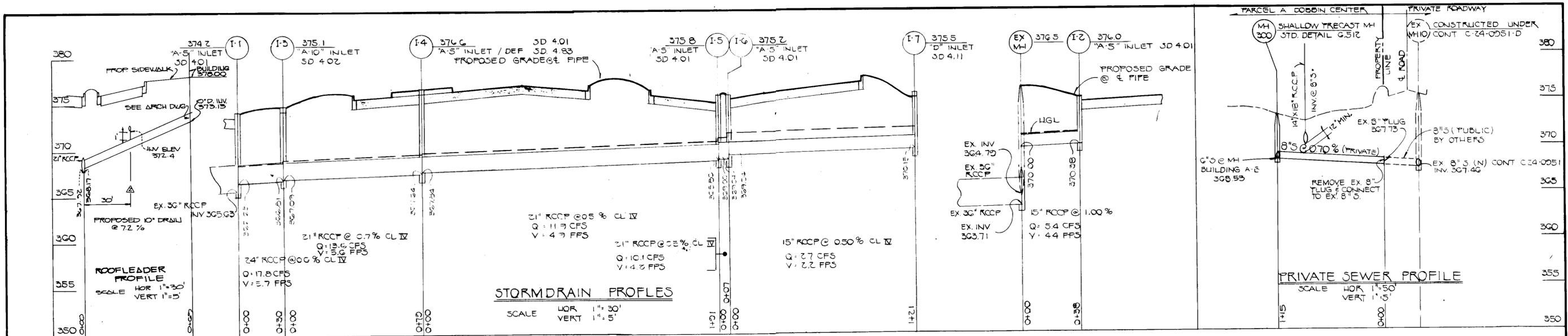
APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS
Signature: *James P. ...*
Date: 5/19/91

Signature: *James P. ...*
Date: 12-21-90

CHIEF, BUREAU OF ENGINEERING

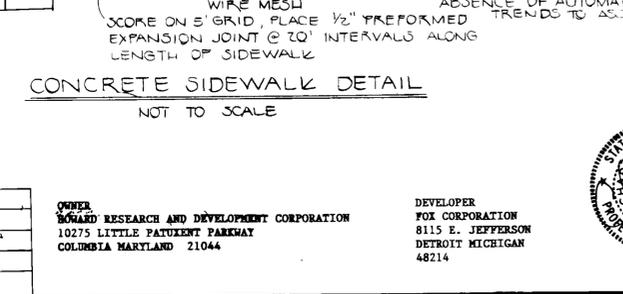
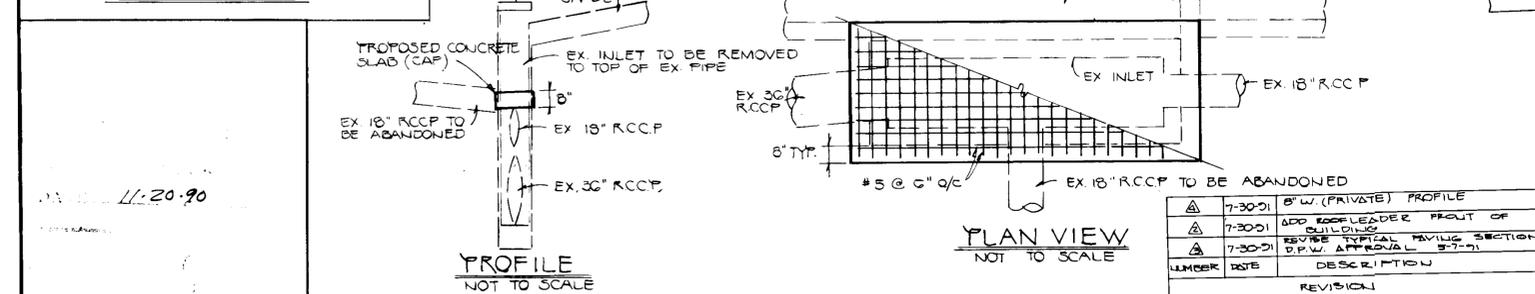
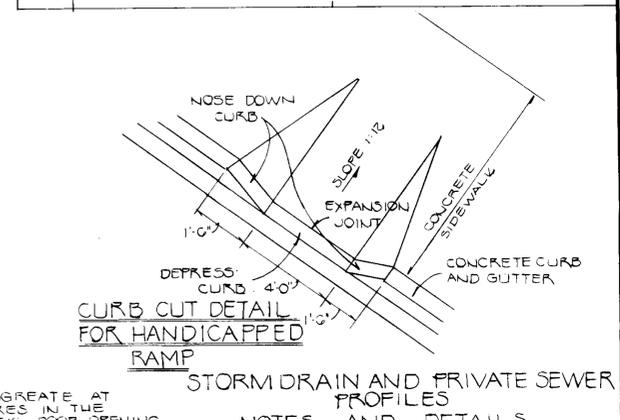
PROPERTY/SUBDIVISION	SECTION/AREA	PARCEL
DOBBIN ROAD COMMERCIAL CENTER	1/1	A
PLAT NO./L.F.	BLOCK NO.	TAX/ZONE
4075	17/1B	17/1B
WATER CODE	ELEC. DIST	CENSUS TR.
1EOG	6	2065.02
SEWER CODE	5333000	

COLUMBIA
DOBBIN ROAD COMMERCIAL CENTER
SECTION 1 AREA 1
PARCEL "A"
SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TAX MAP: 3G P.O. PARCEL: 096
SCALE: AS SHOWN DATE: SEPT. 12, 1990
SHEET 2 OF 6
SDP 21-40



PAVEMENT MATERIALS

P-1	FULL DEPTH BIT. CONC. 2" SOIL CEMENT STABILIZED BASE PRIME COAT
P-4	2" BIT. CONC. SURFACE 1" SOIL CEMENT STABILIZED BASE PRIME COAT



STORM DRAIN AND PRIVATE SEWER PROFILES NOTES AND DETAILS

COLUMBIA
DOBBIN ROAD COMMERCIAL CENTER
SECTION 1 AREA 1
PARCEL "A"

SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TAX MAP: 3G P.O. PARCEL: 39G
SCALE: DATE: SEPT. 12, 1990

SHEET 3 OF 6

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
SUITE 100, 9171 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21043
(301) 461-2855

ENGINEER'S CERTIFICATE
I HEREBY 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.

Charles A. Fisher 12/17/90
SIGNATURE OF ENGINEER DATE

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 AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

William J. Fox 12/7/90
SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
James D. Fisher 12/17/90
SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
William J. Fox 12/7/90
DISTRICT HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: DEPT. OF PLANNING AND ZONING
James D. Fisher 5/20/91
PLANNING DIRECTOR DATE

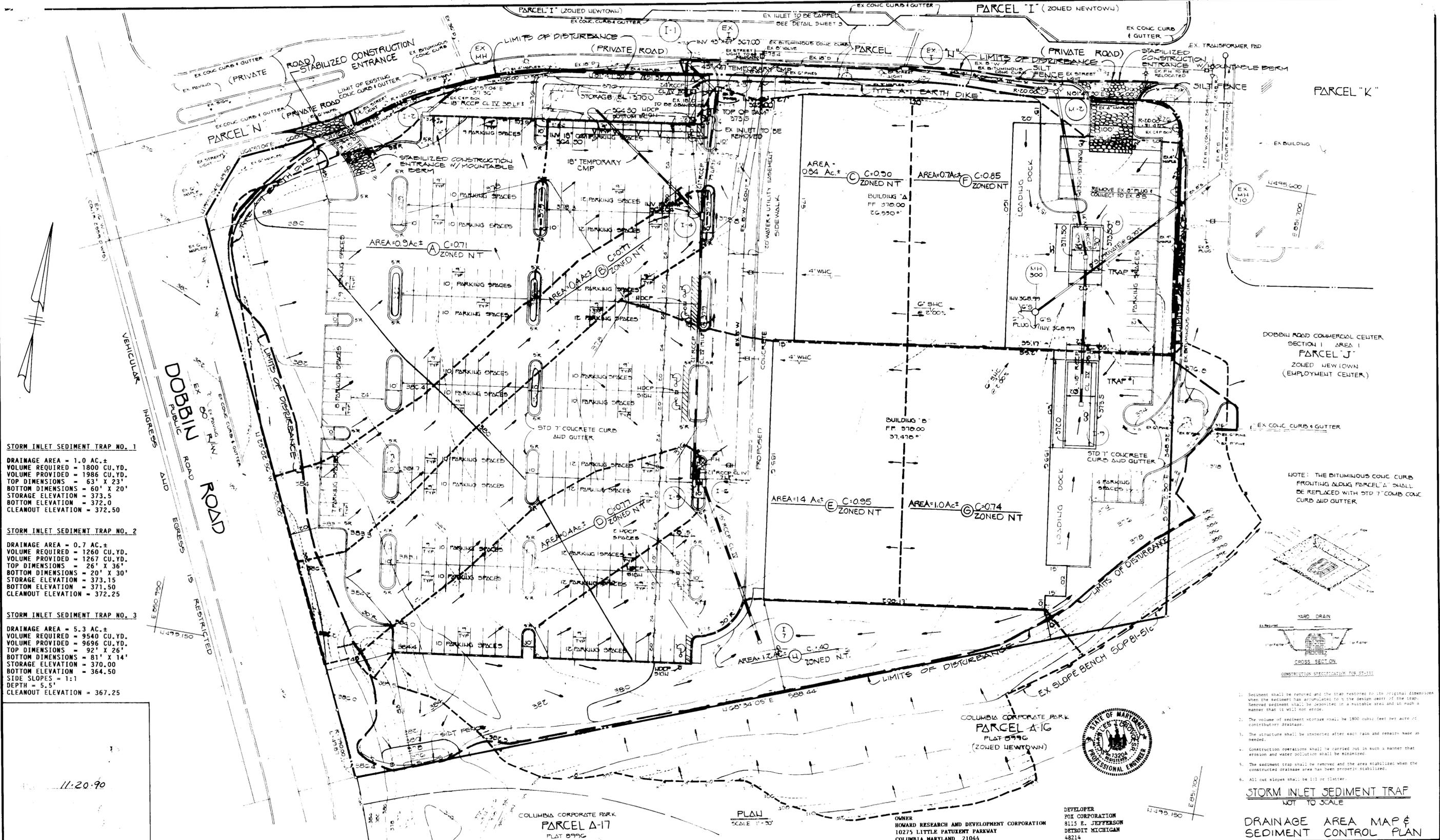
Mark J. Taylor 5/10/91
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS
Joanley Boyler 5-10-91
HEALTH OFFICER DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
James D. Fisher 5/10/91
DIRECTOR, PUBLIC WORKS DATE

William J. Fox 12-11-90
CHIEF, BUREAU OF ENGINEERING DATE

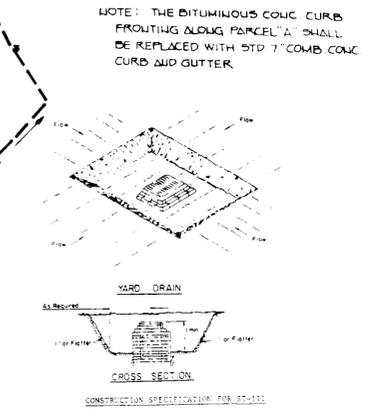
PROPERTY/SUBDIVISION DOBBIN RD COMMERCIAL CENTER	SECTION/AREA 1/1	PARCEL A
PLAT NO./L.F. 4875	BLOCK NO. 17/10	ZONE C
TAX/ZONE 3G	ELEC. DIST. G	CENSUS TR. GDCS 02
WATER CODE 1 EOC	SEWER CODE 5333000	



STORM INLET SEDIMENT TRAP NO. 1
 DRAINAGE AREA = 1.0 AC.±
 VOLUME REQUIRED = 1800 CU. YD.
 VOLUME PROVIDED = 1986 CU. YD.
 TOP DIMENSIONS = 63' X 23'
 BOTTOM DIMENSIONS = 60' X 20'
 STORAGE ELEVATION = 373.5
 BOTTOM ELEVATION = 372.0
 CLEANOUT ELEVATION = 372.50

STORM INLET SEDIMENT TRAP NO. 2
 DRAINAGE AREA = 0.7 AC.±
 VOLUME REQUIRED = 1260 CU. YD.
 VOLUME PROVIDED = 1267 CU. YD.
 TOP DIMENSIONS = 26' X 36'
 BOTTOM DIMENSIONS = 20' X 30'
 STORAGE ELEVATION = 373.15
 BOTTOM ELEVATION = 371.50
 CLEANOUT ELEVATION = 372.25

STORM INLET SEDIMENT TRAP NO. 3
 DRAINAGE AREA = 5.3 AC.±
 VOLUME REQUIRED = 9540 CU. YD.
 VOLUME PROVIDED = 9696 CU. YD.
 TOP DIMENSIONS = 92' X 26'
 BOTTOM DIMENSIONS = 81' X 14'
 STORAGE ELEVATION = 370.00
 BOTTOM ELEVATION = 364.50
 SIDE SLOPES = 1:1
 DEPTH = 5.5'
 CLEANOUT ELEVATION = 367.25



1. Sediment shall be removed and the 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 to such a manner that it will not erode.
2. The volume of sediment storage shall be 1800 cubic feet per acre of contributing drainage.
3. The structure shall be inspected after each rain and repairs made as needed.
4. Construction operations shall be carried out in such a manner that erosion and water pollution shall be minimized.
5. The sediment trap shall be removed and the area stabilized when the constructed drainage area has been properly stabilized.
6. All cut slopes shall be 1:1 or flatter.

STORM INLET SEDIMENT TRAP
 NOT TO SCALE

DRAINAGE AREA MAP & SEDIMENT CONTROL PLAN

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 SUITE 100, 9171 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21043
 (301) 461-2855

ENGINEER'S CERTIFICATE
 I HEREBY 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

Cheryl C. [Signature]
 SIGNATURE OF ENGINEER
 12/12/90
 DATE

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 AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

William J. Tox [Signature]
 SIGNATURE OF DEVELOPER
 12/7/90
 DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

[Signature] 12/10/90
 SOIL CONSERVATION SERVICE DATE

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

[Signature] 12/17/90
 DISTRICT APPROVED DATE
 HOWARD SOIL CONSERVATION DISTRICT

APPROVED - DEPT OF PLANNING AND ZONING

[Signature] 5/20/91
 PLANNING DIRECTOR DATE

[Signature] 5/20/91
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

[Signature] 5-18-91
 HEALTH OFFICER DATE

APPROVED DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS

[Signature] 5/16/91
 DIRECTOR PUBLIC WORKS DATE

[Signature] 12-21-90
 CHIEF, BUREAU OF ENGINEERING DATE

PROPERTY/SUBDIVISION: DOBBIN ROAD COMMERCIAL CENTER
 SECTION/AREA: 1/1
 PARCEL: A

PLAT NO./LF: 4075
 BLOCK NO.: 17/10
 TAX/ZONE: 30
 ELEC DIST: 6
 CENSUS TR: C065.02

WATER CODE: 1E0G
 SEWER CODE: 5333000

COLUMBIA
 DOBBIN ROAD COMMERCIAL CENTER
 SECTION 1 AREA 1
 PARCEL "A"

SIXTH ELECTION DISTRICT HOWARD COUNTY MARYLAND
 TAX MAP 36 PO PARCEL 396
 SCALE AS SHOWN DATE SEPT 12, 1990

SHEET 4 OF 6

PERMANENT SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-TERM VEGETATIVE COVER IS NEEDED.
SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL MOISTURE MUST BE IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:
 1) PREFERRED - APPLY 2 TONS PER ACRE DOMOLITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.) BEFORE SEEDING.
 NARROW OR DISC INTO UPPER THREE-INCHES OF SOIL. AT TIME OF SEEDING, APPLY 4 LBS. PER ACRE 9-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ.FT.)
 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOMOLITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./1000 SQ.FT.) BEFORE SEEDING. NARROW OR DISC INTO UPPER THREE-INCHES OF SOIL.

SEEDING: FOR 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 SOO; OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELLS ANCHORED STRAW.
 MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ.FT.) OF UNKROTTED STRAW STRAIN IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GALS/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GALS/1000 SQ.FT.) FOR ANCHORING.
 MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREAS SUBJECT TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

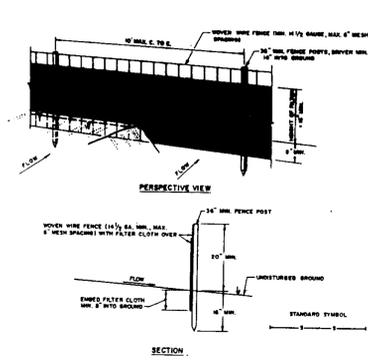
SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL MOISTURE MUST BE IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:
 1) PREFERRED - APPLY 2 TONS PER ACRE DOMOLITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.) BEFORE SEEDING.
 NARROW OR DISC INTO UPPER THREE-INCHES OF SOIL. AT TIME OF SEEDING, APPLY 4 LBS. PER ACRE 9-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ.FT.)
 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOMOLITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./1000 SQ.FT.) BEFORE SEEDING. NARROW OR DISC INTO UPPER THREE-INCHES OF SOIL.

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND AUGUST 1 THRU OCTOBER 15, SEED WITH 1/2 BUSHEL PER ACRE OF ANNUAL RYE (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 SOO.
 MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ.FT.) OF UNKROTTED STRAW STRAIN IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALS PER ACRE (5 GALS/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FT. OR HIGHER, USE 348 GAL PER ACRE (8 GALS/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.

- SEDIMENT CONTROL NOTES:**
- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2437).
 - 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.
 - FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
 - 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES.
 - PERIMETER SLOPES AND ALL GREATER THAN 3:1 (3) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS OF THE PROJECT SITE.
 - ALL SEDIMENT TRAPS/BASINS SHALL BE FENCED AND MARKING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE. 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) SOO (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.
 - ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
 - SITE ANALYSIS:

TOTAL AREA OF SITE	5.5 ACRES
AREA DISTURBED	3.0 ACRES
AREA TO BE ROOFED OR PAVED	0.0 ACRES
AREA TO BE VEGETATIVELY STABILIZED	2.5 ACRES
TOTAL CUT	10,000 CU.YDS.
TOTAL FILL	10,000 CU.YDS.
 - ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
 - ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
 - ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, 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.



- CONVICTION NOTES FOR FABRICATED SILT FENCE:**
- MOUND WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 - FILTER CLOTH TO BE FASTENED SECURELY TO MOUND WIRE FENCE WITH TIES SPACED EVERY 4 FT. WITH 1/2" WIRE TIES.
 - WHEN THE SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND POLLED.
 - MAINTENANCE SHALL BE PERFORMED AS REQUIRED BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.



- MARKING - METHOD 2:**
- Unless specifically directed by the Fire Administrator, the erection of Fire Lane signs and Tow Away Zone signs shall be at the option of the property owner. In the event signs are erected, they must meet the following criteria:
- SPECIFICATIONS**
 - Fire Lane Signs
 - Size - 12" wide x 18" high
 - Alternate when specified: 24" wide x 30" high
 - Thickness - 1/2" aluminum
 - Material - Aluminum
 - Color - Reflective red letters and border on a reflective white background
 - Lettering - NO PARKING FIRE LANE (2") DIRECTIONAL ARROW (1 1/2")
 - Tow Away Zone Signs
 - Size - 12" wide x 6" high
 - Materials type and thickness to be same as Fire Lane sign
 - Color - Red letters and border on reflective white background
 - Lettering - 2 line text using 1 inch letters

- MARKING - METHOD 1:**
- Where a curb exists along a designated Fire Lane, common "Red Traffic Paint" will be used to paint the entire top and vertical surface of the curb. The painted surface will extend for the full length of the designated Fire Lane. This type of paint is readily obtainable from the Baltimore Paint and Chemical Company or any similar source dispensing special-use paints. Paint may be applied by either brush or spray application. Roll-on applications are not recommended.
- At each end of the Fire Lane, within the red painted area, the legend, NO PARKING - FIRE LANE, will be painted in white letters no less than three inches (3") high on top of the curb. This legend will also be repeatedly placed at approximately equidistant spacing along the entire painted curb top surface at a separation distance of twenty feet (20' ± 3'). This legend shall also be placed on the vertical face of the curb on 20 foot centers offset by 10 feet with respect to the above markings on the top surface. However, in no event, shall there be less than two such markings on the top of curb and one on vertical face.
- To aid in the "first time" placement of the NO PARKING - FIRE LANE legend on the curb, the Department of Public Works will make stencils available for use at the location noted below. A returnable deposit of \$10.00 will be required when stencil is:
- DEPARTMENT OF PUBLIC WORKS
 TRAFFIC DIVISION
 GEORGE HOWARD BUILDING
 3430 COURT HOUSE DRIVE
 ELLICOTT CITY, MARYLAND 21043
- NOTE: 1. Deposits will be held for a maximum of three (3) months before depositing.
 2. Since the painting and stenciling will require annual renewal and since the Department cannot make stencils available for repeat use, the Company is advised to arrange for the acquisition of their own permanent use stencils.

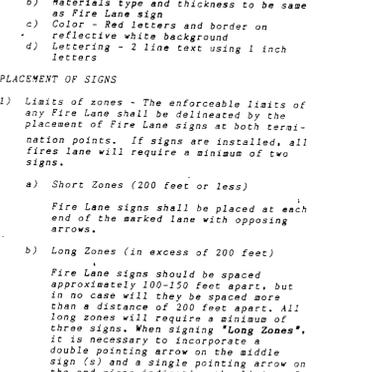
- POSITIONING OF SIGNS:**
- Mounting Techniques**

It is recommended that Fire Lane and Tow Away signs be mounted on new posts approximately one (1) foot back of curb for best effectivity. Where applicable, mounting may also be on posts installed in grass areas beyond a sidewalk where such sidewalk does not exceed four (4) feet in width and adjoins the curb. The mounting of signs on the face of buildings is specifically discouraged as being ineffective from an enforcement standpoint and shall not be used in the absence of stenciled curbs.

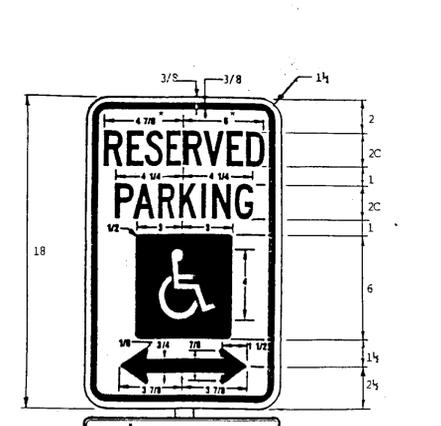
 - All signs shall be mounted parallel to the Fire Lane curb unless orders to the contrary are received from the Office of Fire Administrator concerning special circumstances which require alternative signing.
 - Mounting Height**

Fire Lane signs shall be mounted at the height of 7 feet to the bottom of the sign. However, slightly lower mounting height may be approved if existing construction conditions so require. No Fire Lane signs shall be mounted so as to interfere with pedestrian movement.

Tow Away Zone signs shall be mounted directly below the Fire Lane such that the height is 6 1/2 feet to the bottom of the sign.



- CONSTRUCTION SPECIFICATIONS FOR SIGN:**
- The area under monument shall be cleared, grubbed and stripped of any vegetation and tree stumps. The pool area shall be cleared.
 - The fill material for the monument shall be free of roots or other woody material as well as oversized stones, rocks, rebar, etc. and shall be compacted with equipment while it is being constructed. Maximum height of monument shall be five (5) feet, measured at centerline of monument.
 - All fill slopes shall be 2:1 or flatter (out slopes 1:1) or flatter.
 - Placement of the top of any slope directing water into trap must equal or exceed the height of monument.
 - Storage area provided shall be figured by computing the volume available behind the outlet channel up to an elevation of one (1) foot below the level of the curb.
 - Filter cloth shall be placed over the bottom and sides of the outlet channel prior to placement of stone. Sections of fabric must overlap at least one (1) foot with section nearest the outlet placed top. Fabric shall be anchored at least six (6) inches into existing ground at entrance of outlet channel.
 - Stone used in the outlet channel shall be four (4) to eight (8) inches (gritless). To provide a filtering effect, a layer of filter cloth shall be provided one (1) foot back into the outlet face of the outlet stone of a one (1) foot thick layer of two (2) inch of finer aggregate than the outlet channel.
 - Outlets shall be removed and trap removed to its original dimension when the sediment has accumulated to 1/2 the design depth of the trap. The structure shall be inspected in a suitable area and in such a manner that it will not erode.
 - The structure shall be inspected after each rain and repairs as needed.
 - Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.
 - The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
 - Drainage area for this practice is limited to 15 acres or less.



LEGEND AND BORDER - GREEN
WHITE SYMBOL ON BLUE BACKGROUND
BACKGROUND - WHITE

HANDICAPPED PARKING SIGN DETAIL
 NOT TO SCALE

ENGINEER'S CERTIFICATE:

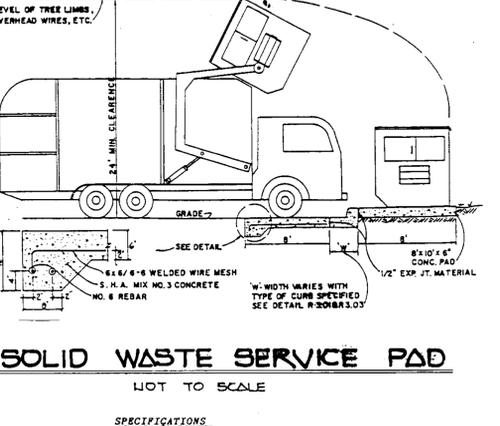
I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

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 AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 SUITE 100, 9171 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21043
 (301) 461-2855

DEVELOPER:
 HOWARD RESEARCH AND DEVELOPMENT CORPORATION
 10275 LITTLE PATENT PARKWAY
 COLUMBIA MARYLAND 21044



SPECIFICATIONS FOR POSTING OF FIRE LANES ON COMMERCIAL PRIVATE PROPERTY:

- MARKING - METHOD 1:**

Where a curb exists along a designated Fire Lane, common "Red Traffic Paint" will be used to paint the entire top and vertical surface of the curb. The painted surface will extend for the full length of the designated Fire Lane. This type of paint is readily obtainable from the Baltimore Paint and Chemical Company or any similar source dispensing special-use paints. Paint may be applied by either brush or spray application. Roll-on applications are not recommended.

At each end of the Fire Lane, within the red painted area, the legend, NO PARKING - FIRE LANE, will be painted in white letters no less than three inches (3") high on top of the curb. This legend will also be repeatedly placed at approximately equidistant spacing along the entire painted curb top surface at a separation distance of twenty feet (20' ± 3'). This legend shall also be placed on the vertical face of the curb on 20 foot centers offset by 10 feet with respect to the above markings on the top surface. However, in no event, shall there be less than two such markings on the top of curb and one on vertical face.

To aid in the "first time" placement of the NO PARKING - FIRE LANE legend on the curb, the Department of Public Works will make stencils available for use at the location noted below. A returnable deposit of \$10.00 will be required when stencil is:

DEPARTMENT OF PUBLIC WORKS
 TRAFFIC DIVISION
 GEORGE HOWARD BUILDING
 3430 COURT HOUSE DRIVE
 ELLICOTT CITY, MARYLAND 21043

NOTE: 1. Deposits will be held for a maximum of three (3) months before depositing.
 2. Since the painting and stenciling will require annual renewal and since the Department cannot make stencils available for repeat use, the Company is advised to arrange for the acquisition of their own permanent use stencils.

ENGINEER'S CERTIFICATE:

I HEREBY 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.

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 AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 SUITE 100, 9171 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21043
 (301) 461-2855

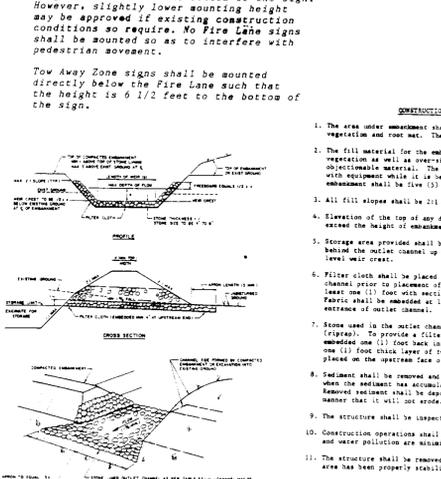
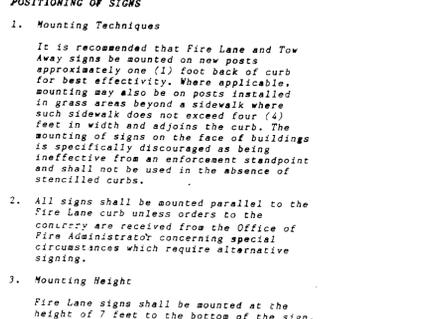
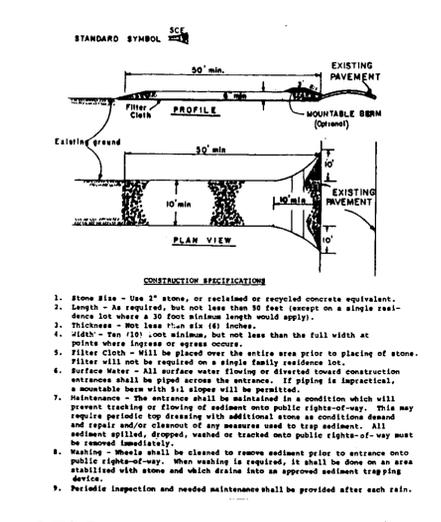
DEVELOPER:
 HOWARD RESEARCH AND DEVELOPMENT CORPORATION
 10275 LITTLE PATENT PARKWAY
 COLUMBIA MARYLAND 21044

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS:

APPROVED: DEPT. OF PLANNING AND ZONING

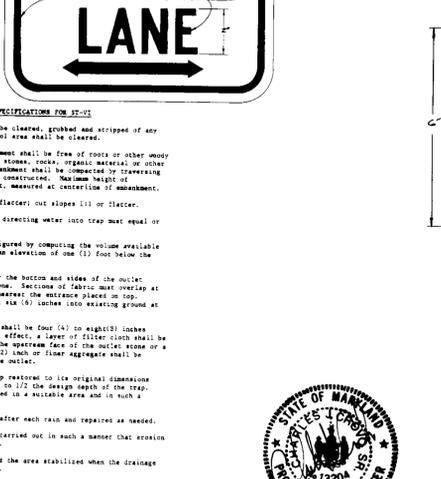
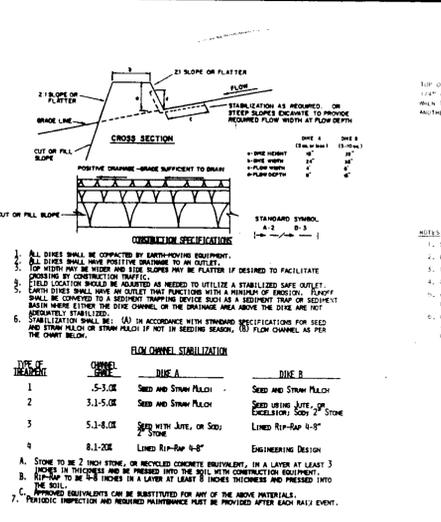
APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

PROPERTY/SUBDIVISION: DOBBIN RD COMMERCIAL CENTER
SECTION/AREA: 1/1
PARCEL: A
PLAT NO./L.F.: 4075 17/10
TAX/ZONE: 30
ELEC. DIST.: G
CENSUS TR. COGS. 02:
WATER CODE: 1 EOG
SEWER CODE: 5333000



NOTES AND DETAILS:

COLUMBIA
 DOBBIN ROAD COMMERCIAL CENTER
 SECTION 1 AREA 1
 PARCEL "A"
 SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 TAX MAP 30
 SCALE: AS SHOWN
 DATE: SEPT. 12, 1990
 SHEET 5 OF 6



ENGINEER'S CERTIFICATE:

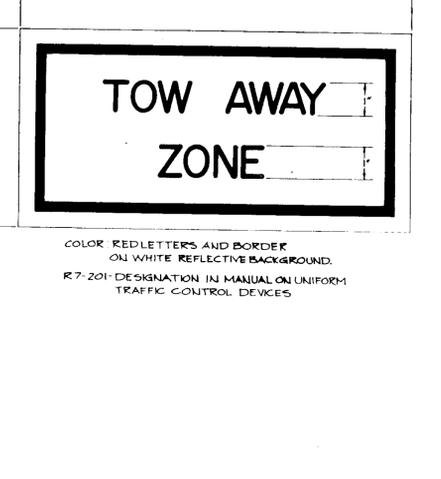
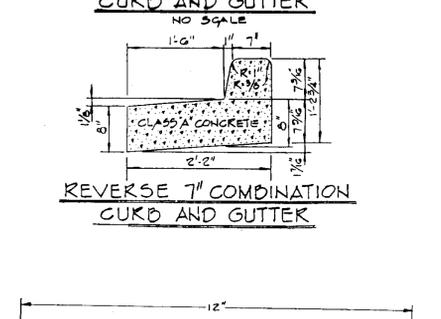
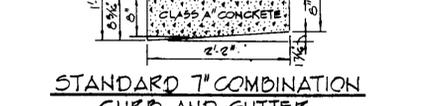
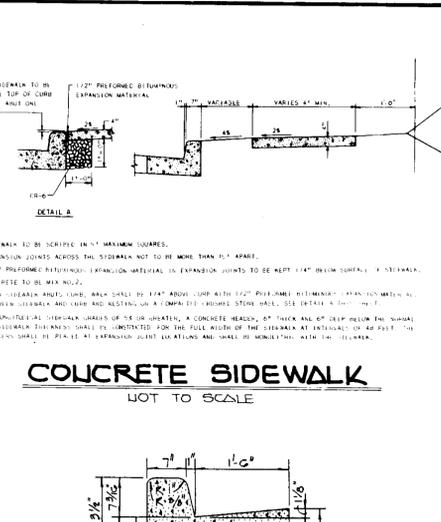
I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

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 AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 SUITE 100, 9171 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21043
 (301) 461-2855

DEVELOPER:
 HOWARD RESEARCH AND DEVELOPMENT CORPORATION
 10275 LITTLE PATENT PARKWAY
 COLUMBIA MARYLAND 21044

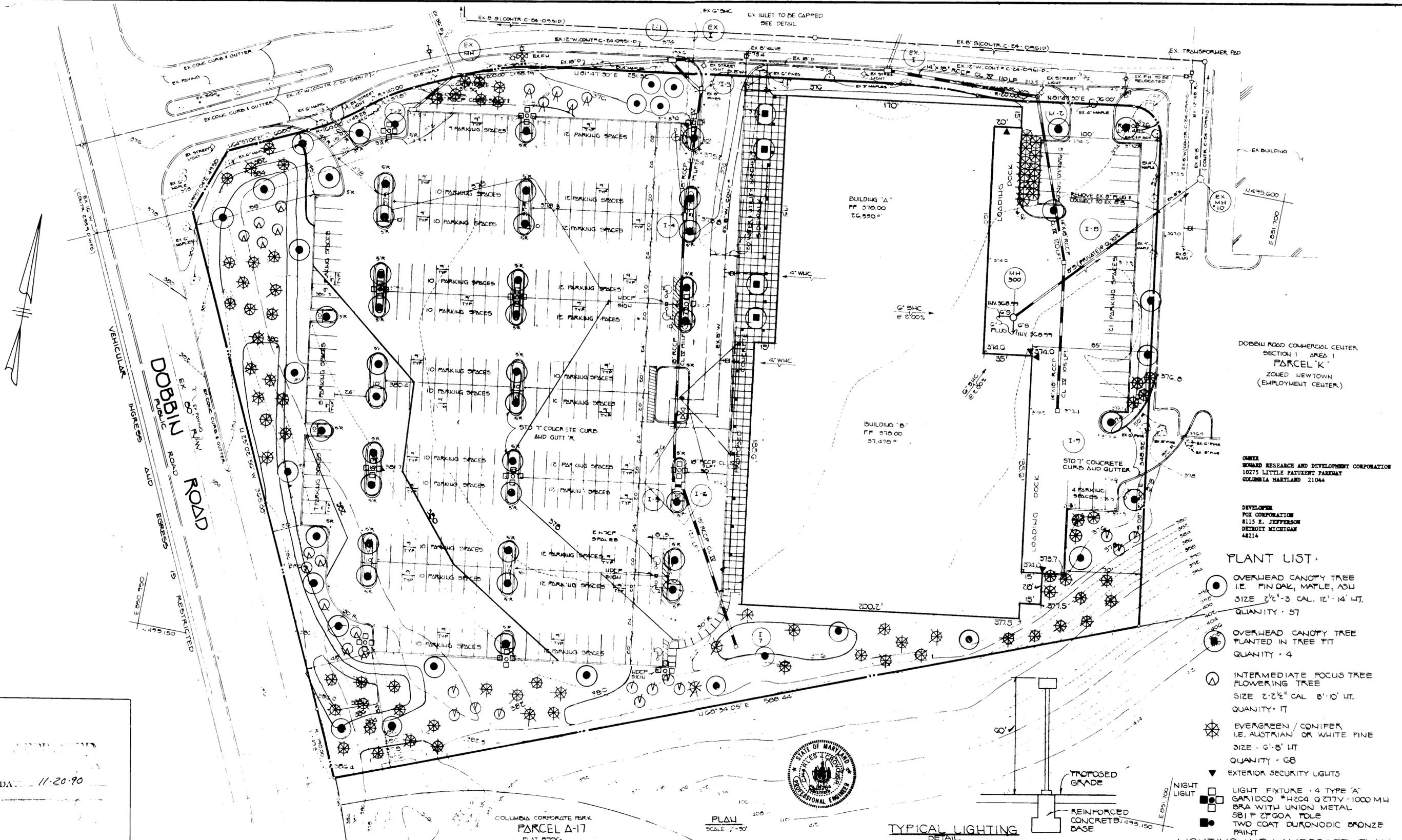


NOTES AND DETAILS:

COLUMBIA
 DOBBIN ROAD COMMERCIAL CENTER
 SECTION 1 AREA 1
 PARCEL "A"
 SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 TAX MAP 30
 SCALE: AS SHOWN
 DATE: SEPT. 12, 1990
 SHEET 5 OF 6

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 SUITE 100, 9171 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21043
 (301) 461-2855

DEVELOPER:
 HOWARD RESEARCH AND DEVELOPMENT CORPORATION
 10275 LITTLE PATENT PARKWAY
 COLUMBIA MARYLAND 21044



DATE 11-20-90

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
SUITE 100, 9171 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21043
(301) 461-2855

ENGINEER'S CERTIFICATE
I HEREBY 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.

Signature: *Chad Cal*
DATE: 11/19/90

DEVELOPER'S CERTIFICATE
I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

Signature: *William R Fox*
DATE: 12/7/90

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Signature: *James H. ...*
DATE: 12/17/90

Signature: *John P. ...*
DATE: 12/17/90

APPROVED DEPT. OF PLANNING AND ZONING

Signature: *James ...*
DATE: 5/20/91

Signature: *Mark ...*
DATE: 1/2/91

APPROVED HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

Signature: *James ...*
DATE: 5-15-91

APPROVED DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS

Signature: *James ...*
DATE: 5/16/91

Signature: *William ...*
DATE: 12-21-90

PROPERTY/SUBDIVISION	SECTION/AREA	PARCEL
DOBBIN ROAD COMMERCIAL CENTER	1/1	A
PLAT NO / L.F.	BLOCK NO.	ZONE
4075 / 1710	11	LT 30
WATER CODE	ELEC. DIST	CENSUS TR.
1E0G	C	6025.02
SEWER CODE	5553000	

COLUMBIA
DOBBIN ROAD COMMERCIAL CENTER
SECTION 1 AREA 1
PARCEL "A"

SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TAX MAP 36 P.O. PARCEL 396
SCALE: AS SHOWN DATE: SEPT 12, 1990
SHEET 6 OF 6