

SHEET INDEX	
NO.	DESCRIPTION
1	TITLE SHEET
2	SITE PLAN AND SEDIMENT CONTROL
3	DRAINAGE AREA MAP
4	DETAILS
5	PLANTING PLAN

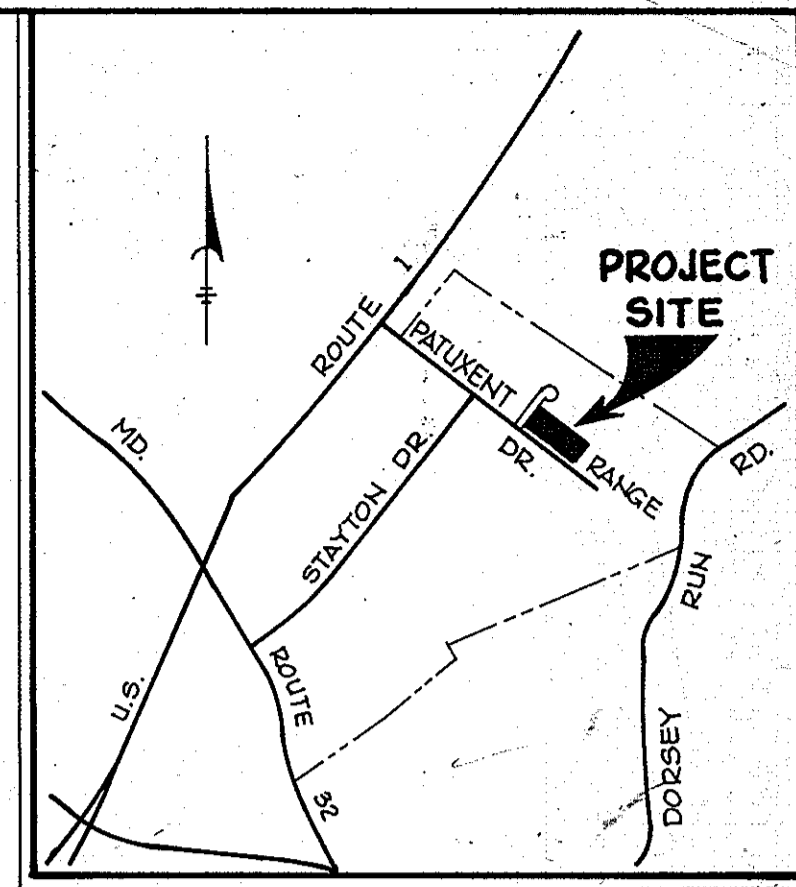
THE BALTIMORE WASHINGTON INDUSTRIAL PARK

6 TH ELECTION DISTRICT

HOWARD COUNTY, MD.

PARCEL "F"

BLOCK "E"



VICINITY MAP
SCALE: 1" = 2000'

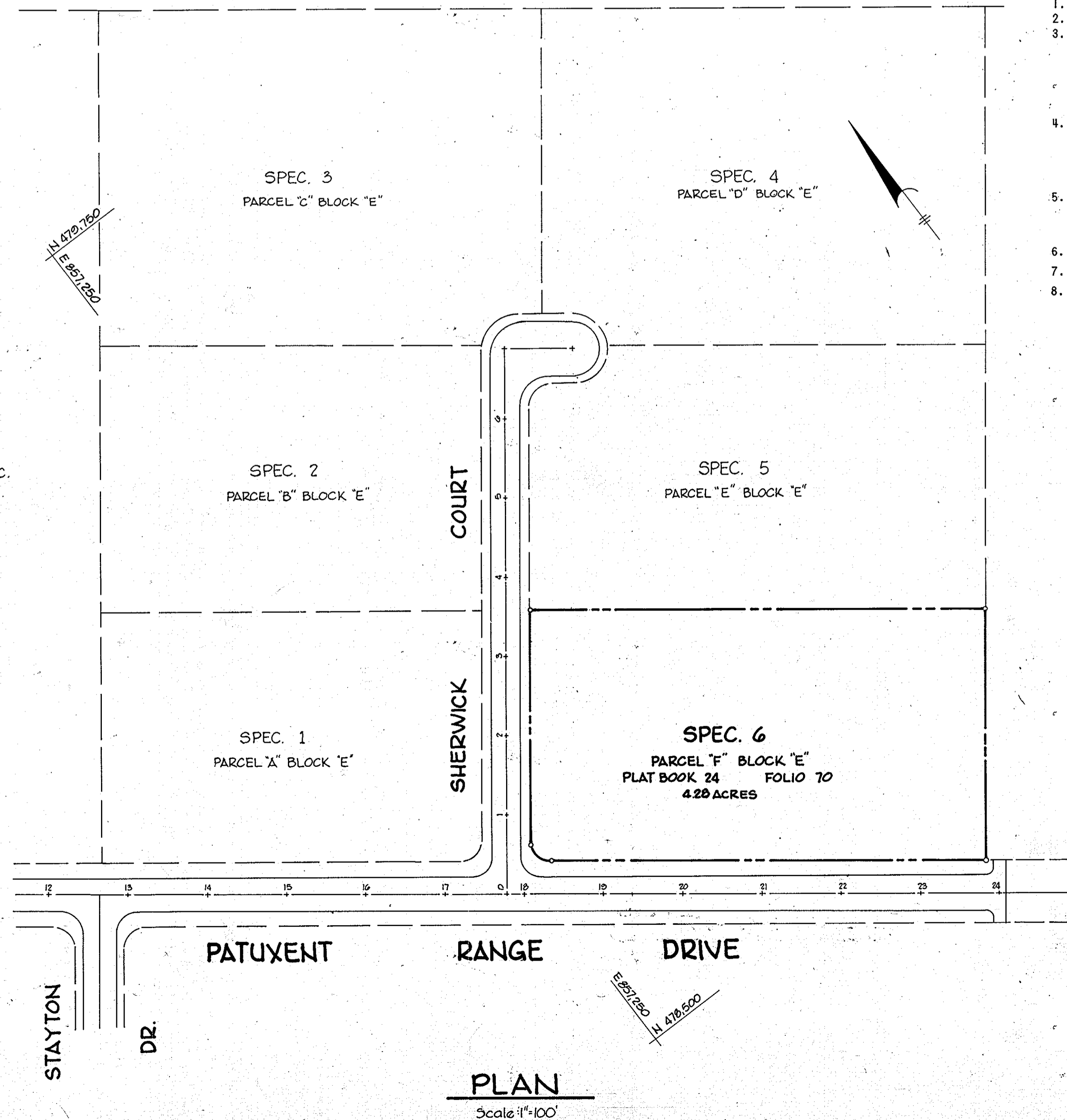
GENERAL NOTES

- ALL WATER LINES SHALL BE CONSTRUCTED A MINIMUM OF 36" COVER BELOW FINISHED GRADE.
- CORRUGATED STEEL PIPE SECTIONS WILL BE JOINED WITH A SINGLE OR 2 PIECE CORRUGATED BAND WITH A WATERTIGHT NEOPRENE GASKET. DIMPLED BAND CONNECTORS WILL NOT BE PERMITTED.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES, WHERE DIRECTED BY THE ENGINEER, A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES AT LEAST THREE DAYS BEFORE STARTING WORK SHOWN ON THIS/THESE DRAWINGS:
 BELL TELEPHONE SYSTEM 393-3649
 LONG DISTANCE CABLE DIVISION 393-3553 or 3554
 BALTIMORE GAS AND ELECTRIC CO. 539-8000 Ext. 691
- ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- ALL EXISTING TOPO TAKEN FROM APPROVED S.D.P. 73-91 BY GEORGE WILLIAM STEPHENS, JR. AND ASSOC. DATED 4-9-1973.

JOSEPH J. HOCK, INC.
LIBER 487 FOLIO 556

PATAPSCO PROPERTIES, INC.
LIBER 477 FOLIO 530

PATAPSCO PROPERTIES, INC.
LIBER 477 FOLIO 530



1. TOTAL AREA	4.28 Ac.
2. EXISTING ZONING	M-2
3. FLOOR AREA:	
WAREHOUSE USE	56,400 Sq. Ft.
OFFICE USE	6,000 Sq. Ft.
MANUFACTURING	NONE
TOTAL FLOOR	62,400 Sq. Ft.
4. PARKING SPACE REQUIRED	
WAREHOUSE @ 60 SF/1000 SF	23
OFFICE @ 20 SF/1000 SF	20
PARKING PROVIDED	49
5. PARKING PROVIDED:	100 SP
	50
	37
6. TOTAL SALES AREA:	NONE AT PRESENT
7. LAWN AREA	1.25 Ac.
8. OPEN SPACE	NONE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

Richard E. Freudenberger 12/8/78
Director Date
W. J. L. L. L. 12-7-78
Chief, Bureau of Engineering Date

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

William H. Harris 12-3-78
Planning Director Date
John M. ... 12-1-78
Chief, Division of Land Development Date

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

Joseph W. ... 12-11-78
County Health Officer Date

Date	No	Revision Description
8/18/83	1	ADD TEMPORARY STORAGE STRUCTURE

SPEC. BUILDING #6
BALTIMORE WASHINGTON INDUSTRIAL PARK
6th Election District
HOWARD COUNTY, MARYLAND

OWNER AND DEVELOPER
B. W. I. P., INC.
110 West Road
TOWSON, MARYLAND 21204

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
TOWSON, MARYLAND 21204

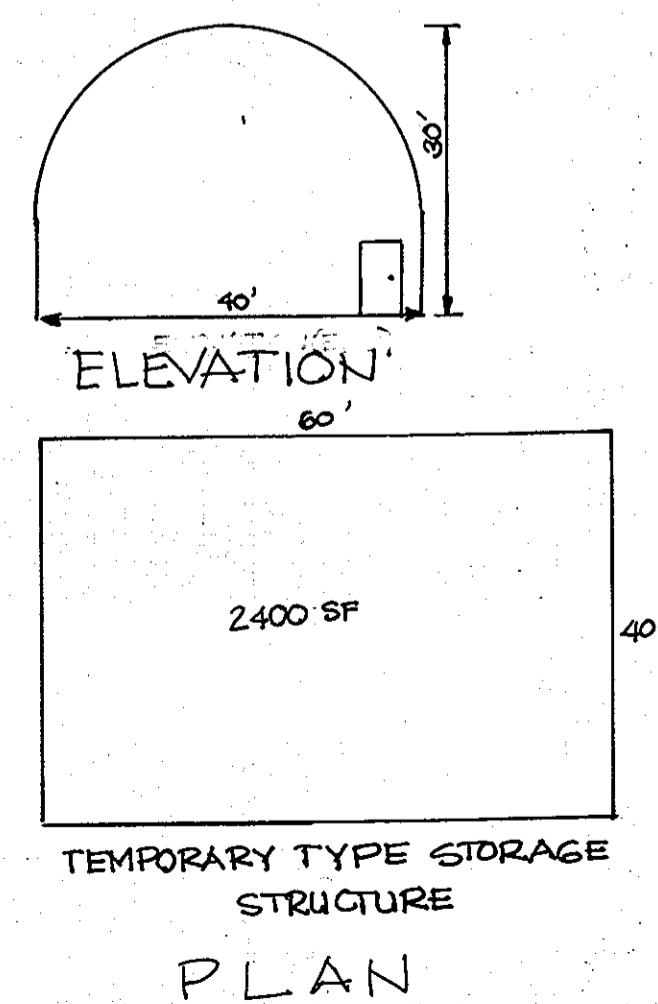
AREA
LIBER 477, FOLIO 530, TAX MAP 48
PARCEL 'F', BLOCK 'E'

TITLE
TITLE SHEET
(REVISION TO APPROVED S.D.P. 73-91)

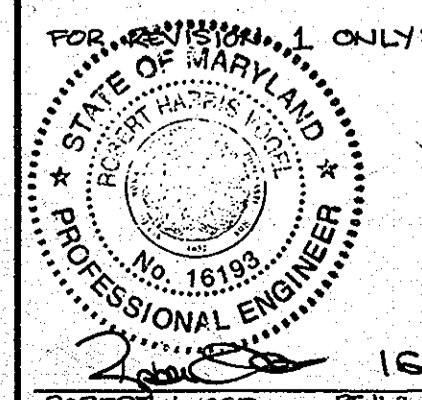
Des By	J.K.T.	Scale	1" = 100'	Proj No	2978
Drn By	F.X.T.	Date	9-15-78	Drawing No.	1 OF 5
Chk By	J.K.T.	Approved			

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 11-13-78
AMM

4-24-78
Date
 Professional Engr. No. 9666



PLAN
Scale: 1" = 100'



BRUNING 44-132 28586

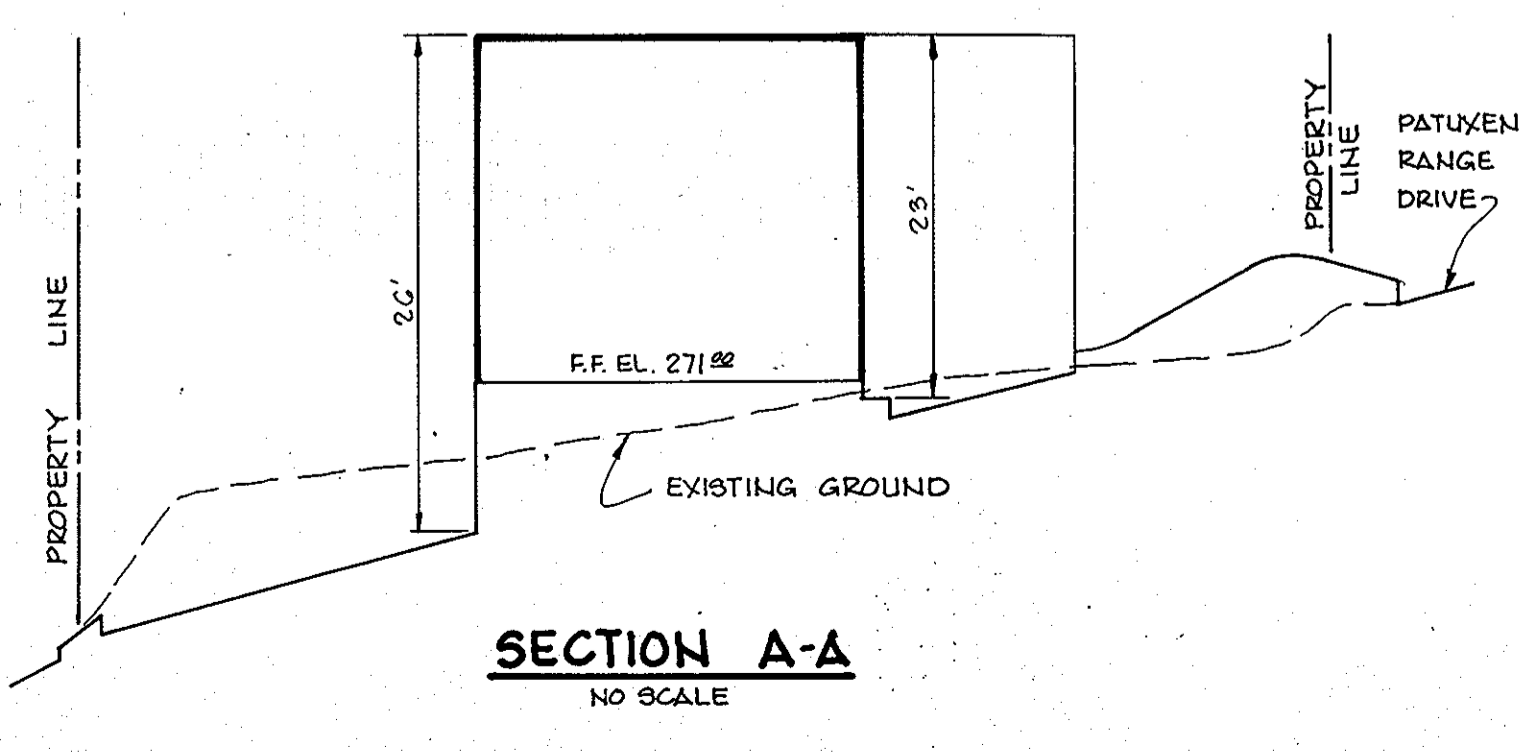
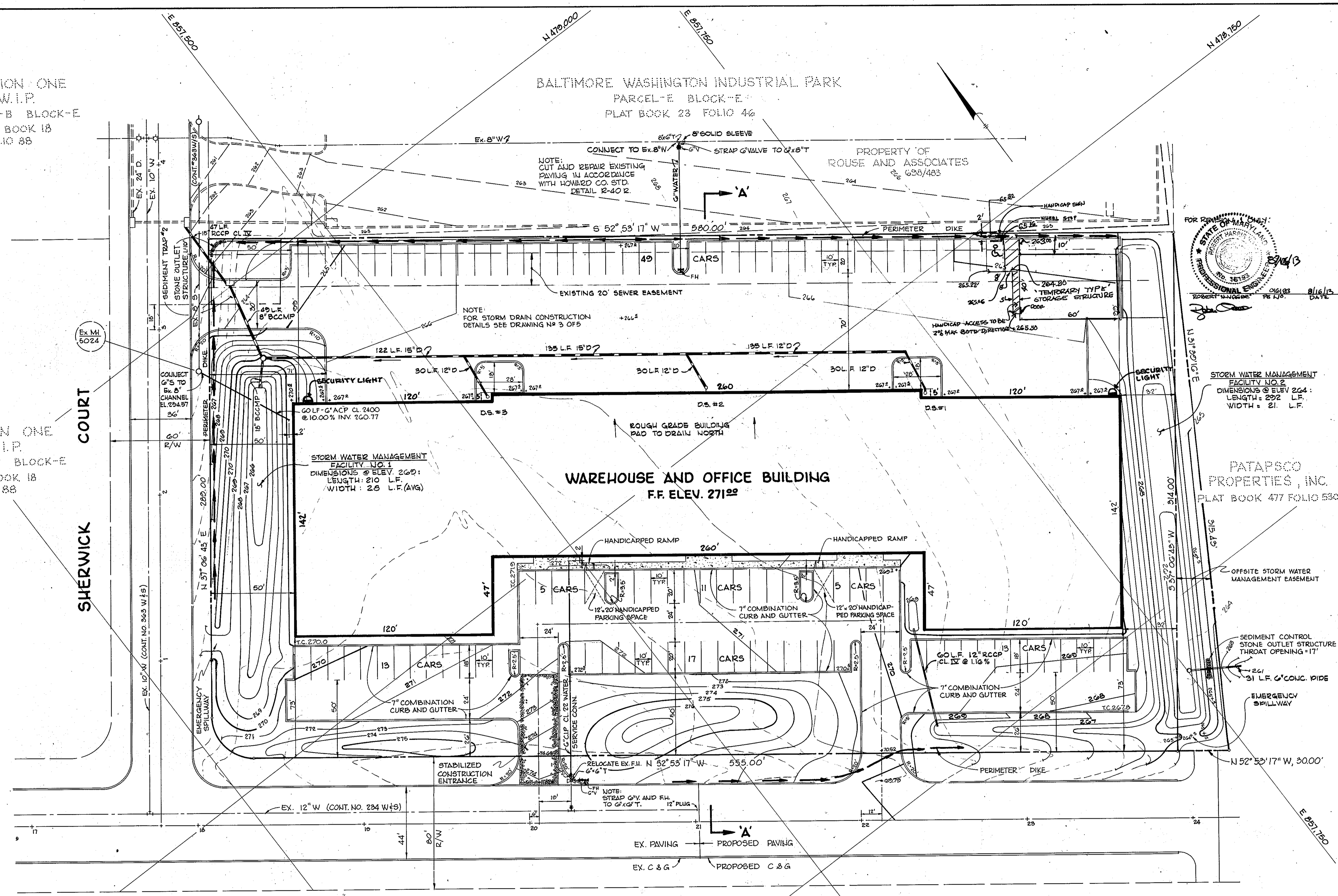
10/93 8/16/83
ROBERT H. VOGEL PE 1482 DATE

SECTION ONE
B.W.I.P.
PARCEL-B BLOCK-E
PLAT BOOK 18
FOLIO 88

SECTION ONE
B.W.I.P.
PARCEL-A BLOCK-E
PLAT BOOK 18
FOLIO 88

BALTIMORE WASHINGTON INDUSTRIAL PARK
PARCEL-E BLOCK-E
PLAT BOOK 23 FOLIO 46

PROPERTY OF
ROUSE AND ASSOCIATES
626/483



RELOCATED F.H. SEQUENCE OF CONNECTION

1. REMOVE EXISTING FIRE HYDRANT.
2. INSTALL 6" G.T., 2-6" VALVES WITH STRAPPING.
3. RESET FIRE HYDRANT IN ACCORDANCE WITH HOWARD COUNTY SPECIFICATIONS.

PATAPSCO PROPERTIES, INC.
PLAT BOOK 477 FOLIO 530

NOTES:
1. THE PROPOSED G' WATER SERVICE CONNECTION TO HAVE A MINIMUM OF 3.5' COVER BELOW PROPOSED GRADE.
2. THERE WILL BE EXTERIOR LIGHTING ON THIS BUILDING BY TWO 250 W. WALL PACK UNITS ON REAR OF BUILDING AT PATAPSCO.

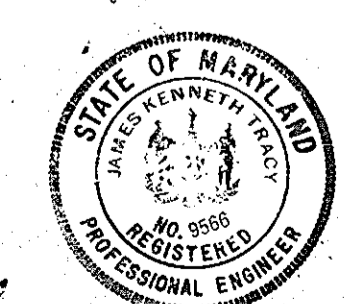
SEDIMENT CONTROL SCHEDULE

STRUCTURE	DRAINAGE AREA (AC)	DISTURBED AREA (AC)	VOLUME (C.F.) AVAIL.	REQ'D	CLEANOUT ELEVATION	DEPTH TO CREST	BOTTOM DIMENSION	BOTTOM ELEVATION
STONE OUTLET #1	2.72	2.72	6,940	4,860	263.0	2.00'	120'x10'	262.0
STONE OUTLET #2	1.56	1.56	3,200	2,808	264.5	2.00'	40'x40'	263.5

APPROVED
DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND
DATE: 11-13-78
JUM

4-24-78
Date



James K. Tracy
Professional Engr. No. 9566

CERTIFICATION BY THE DEVELOPER:
"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS OF DEVELOPMENT AND PLANS FOR PONDS AND EROSION AND SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY". DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.

Signature: Donald S. Kennedy
Date: 9/12/78

CERTIFICATION BY THE ENGINEER:
"I CERTIFY THAT THIS PLAN FOR PONDS, 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: James K. Tracy
Date: 4-24-78

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

Signature: Wm. J. Condit
Date: 12-1-78

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED: Robert W. Zehn
Howard S.C.D.
Date: 12-4-78

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

Signature: Richard E. Freudenberger
Date: 12/8/78
Director: W.O. Lambert
Chief, Bureau of Engineering

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

Signature: Donald G. Hamrick
Date: 12-13-78
Planning Director: William M. ...
Chief, Division of Land Development

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

Signature: Josephine Boyles
Date: 12-11-78
County Health Officer

Date	No	Revision Description
07/18/78	1	ADD TEMPORARY STORAGE FACILITY

SPEC. BUILDING #6
BALTIMORE WASHINGTON INDUSTRIAL PARK
6th Election District
HOWARD COUNTY, MARYLAND

OWNER AND DEVELOPER
B. W. I. P., INC.
110 West Road
TOWSON, MARYLAND 21204

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
TOWSON, MARYLAND 21204

AREA
LIBER 477, FOLIO 530, TAX MAP 48
PARCEL 'F', BLOCK 'E'

TITLE
SITE PLAN
(REVISION TO APPROVED S.D.P. 73-91)

Des By J.K.T. Scale 1" = 30'
Drn By F.X.T. Date 9-13-78
Chk By J.K.T. Approved

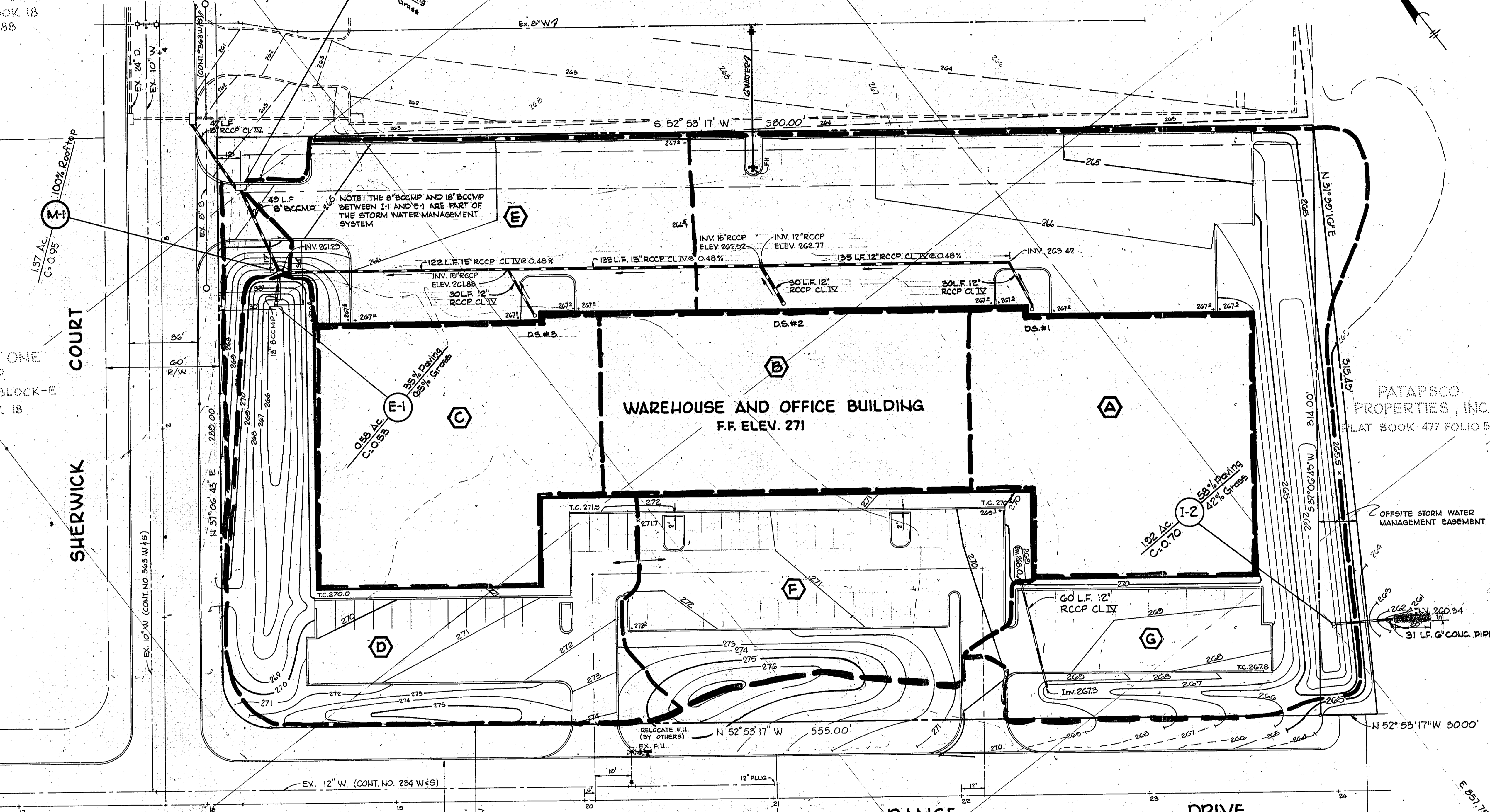
Proj No 2978
Drawing No. 2 OF 5
SDP-79-38 NOV. 1, 1978

STRUCTURE SCHEDULE				
NO.	TYPE	INV. IN	INV. OUT	TOP ELEV.
I-1	18" GRATE (HO. CO. ST'D. D-98)	260.07	259.32	263.54
E-1	18" CMP END SECTION	---	265.00	---
M-1	STANDARD MANHOLE (TYPE 'B')	261.29	261.05	270.00
I-2	YARD INLET (SEE DET. THIS SHT.)	---	260.60	270.50

BALTIMORE WASHINGTON INDUSTRIAL PARK
 PARCEL-E BLOCK-E
 PLAT BOOK 23 FOLIO 44

SECTION ONE
 B.W.I.P.
 PARCEL-B BLOCK-E
 PLAT BOOK 18 FOLIO 88

SECTION ONE
 B.W.I.P.
 PARCEL-A BLOCK-E
 PLAT BOOK 18 FOLIO 88



CERTIFICATION BY THE DEVELOPER:
 "I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS OF DEVELOPMENT AND PLANS FOR PONDS AND EROSION AND SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY". DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.

Donald S. Kennedy 9/12/78
 Signature of Developer Date
 DONALD S. KENNEDY

CERTIFICATION BY THE ENGINEER:
 "I CERTIFY THAT THIS PLAN FOR PONDS, 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".

James K. Tracy 4-24-78
 Signature Date
 JAMES K. TRACY

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

Wm. J. ... 12-1-78
 Signature Date
 U.S. Soil Conservation Service

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED: *Robert J. ...* 12-4-78
 Signature Date
 Howard S.C.U.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

Richard E. ... 12-7-78
 Signature Date
 Director
 Chief, Bureau of Engineering

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

Thomas L. ... 12-13-78
 Signature Date
 Planning Director

... 12-13-78
 Signature Date
 Chief, Division of Land Development

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

... 12-11-78
 Signature Date
 Health Officer

Date	No	Revision Description

SPEC. BUILDING #6
 BALTIMORE WASHINGTON INDUSTRIAL PARK
 6th Election District
 HOWARD COUNTY, MARYLAND

OWNER AND DEVELOPER
 B. W. I. P. INC.
 110 West Road
 TOWSON, MARYLAND 21204

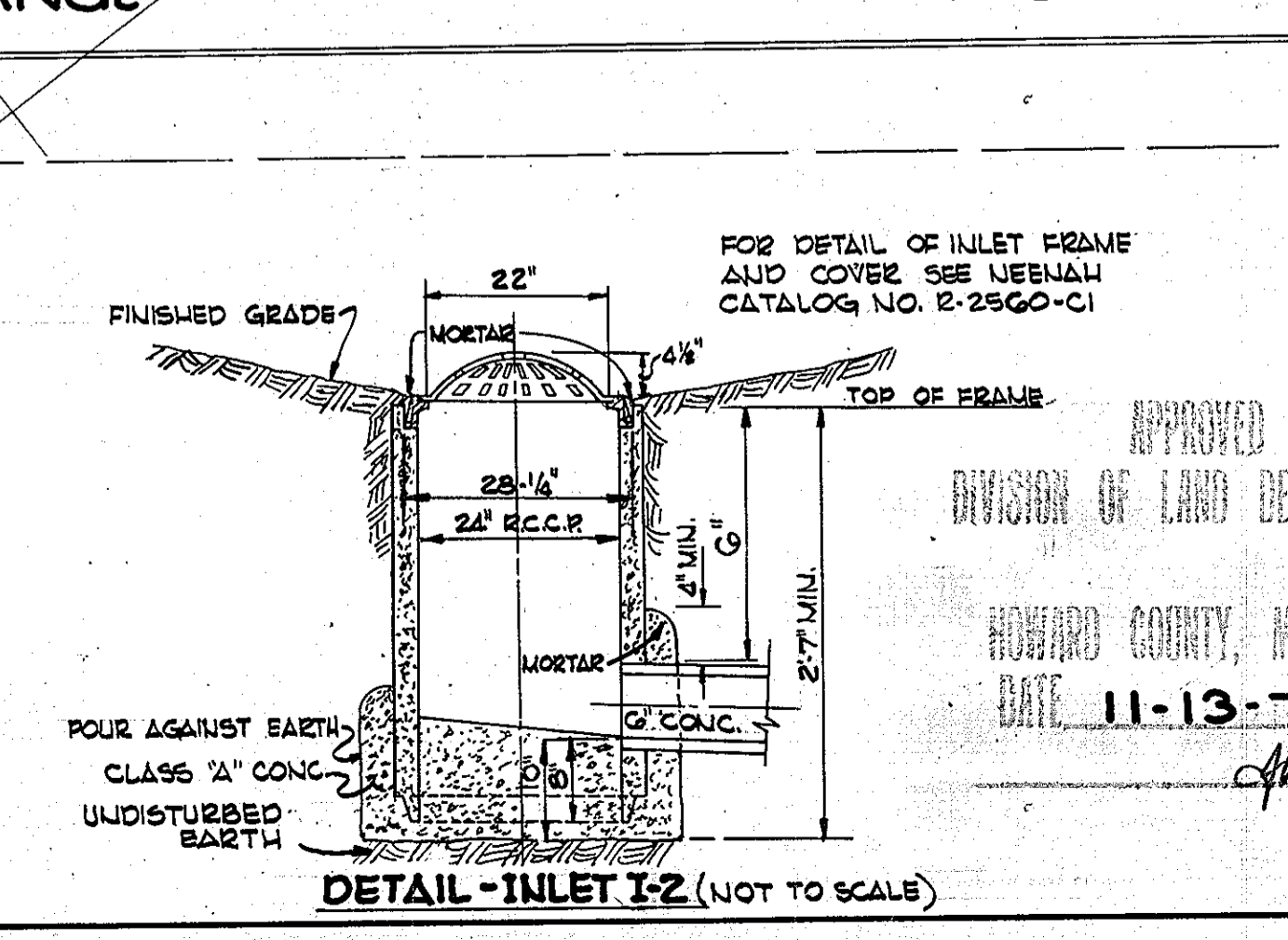
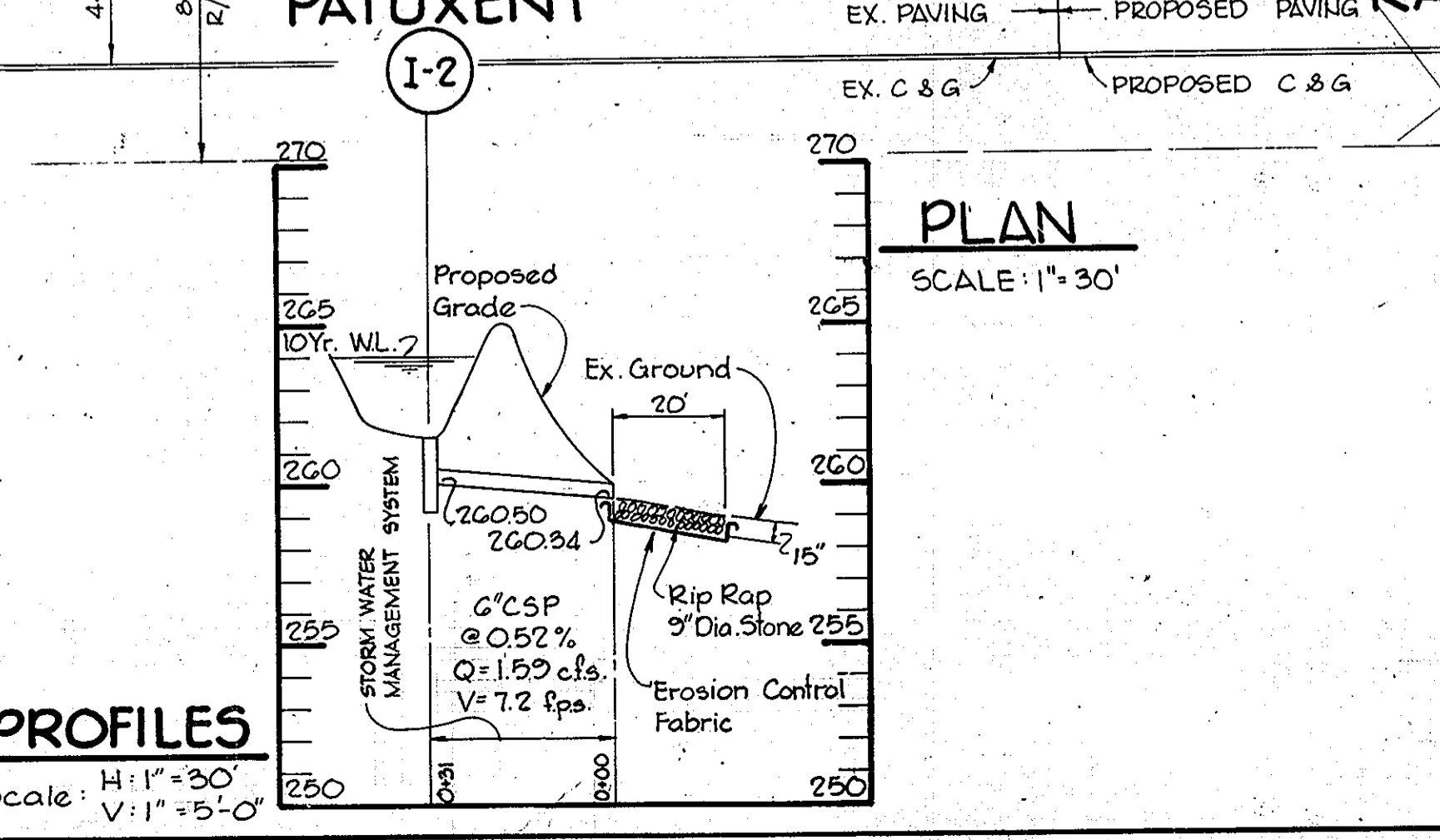
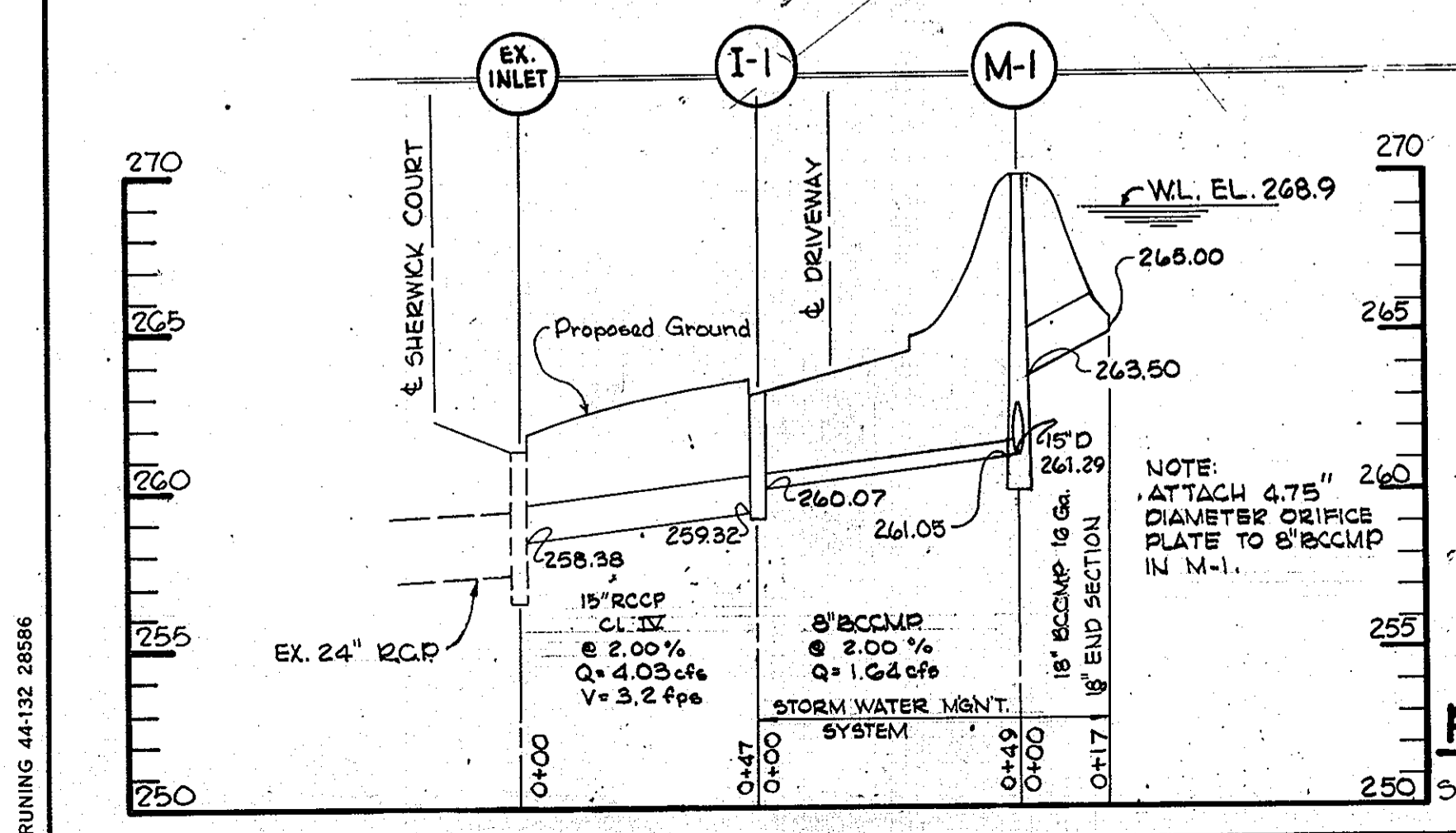
CENTURY ENGINEERING, INC.
 CONSULTING ENGINEERS - PLANNERS
 TOWSON, MARYLAND 21204

AREA
 LIBER 477, FOLIO 530, TAX MAP 48
 PARCEL 'F', BLOCK 'E'

TITLE
 DRAINAGE AREA MAP
 (REVISION TO APPROVED S.D.P. 73-91)

Des By J.K.T. Scale AS SHOWN Proj No -2978
 Drn By F.X.T. Date 9-13-78 Drawing No. 3 OF 5
 Chk By J.K.T. Approved

SDP-79-38 NOV. 1, 1978



APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 11-13-78
James K. Tracy
 Professional Engr. No. 2566

BRUNING 44-132-28596

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- INSTALL SEDIMENT TRAPS NO. 1 AND 2.
- INSTALL PERIMETER DIKES.
- ROUGH GRADE SITE AND SEED PER TEMPORARY SEEDING NOTES.
- UPON APPROVAL CONSTRUCT STORM WATER MANAGEMENT FACILITIES NO. 1 AND 2.
- UPON APPROVAL, INSTALL STORM DRAINAGE SYSTEM.
- TRENCH BACKFILL SHALL BE STABILIZED AS PER SEEDING NOTES AS SOON AS WEATHER PERMITS.
- COMPLETE BACKFILL AROUND BUILDING AND STABILIZE PER TEMPORARY SEEDING NOTES.
- FINE GRADE AND COMPLETE ALL PAVING.

SEDIMENT CONTROL CONSTRUCTION NOTES

GENERAL NOTES

- A MINIMUM 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (922-2070).
- ALL SEDIMENT CONTROL STRUCTURES WILL BE INSTALLED IN ACCORDANCE WITH "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" AS PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE.
- SITE GRADING WILL BEGIN ONLY AFTER ALL PERIMETER SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED AND ARE IN A FUNCTIONING CONDITION.
- ALL DISTURBED AREAS ARE TO BE DRESSED AND STABILIZED ACCORDING TO THE TEMPORARY OR PERMANENT SEEDING SCHEDULES AS SOON AS PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF A PERMANENT VEGETATIVE COVER.
- SEDIMENT WILL BE REMOVED FROM TRAPS WHEN THE DEPTH REACHES THE CLEAN OUT ELEVATION SHOWN ON THE PLANS.
- FERTILIZER AND LIME RATES MAY BE CHANGED THROUGH AUTHORIZATION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT IF SOIL TESTS DETERMINE A REDUCTION IN THE SPECIFIED RATES IS JUSTIFIED.
- 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.
- REFERENCES CALLED FOR ON THE SEDIMENT CONTROL CONSTRUCTION PLAN AND DETAILS ARE MADE TO "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS".
- NO STORM DRAINS SHALL BE INSTALLED UNDER THIS CONTRACT.
- SEDIMENT CONTROL WILL BE INSTALLED BEFORE CLEARING AND GRUBBING REMAINDER OF SITE.

TEMPORARY SEEDING

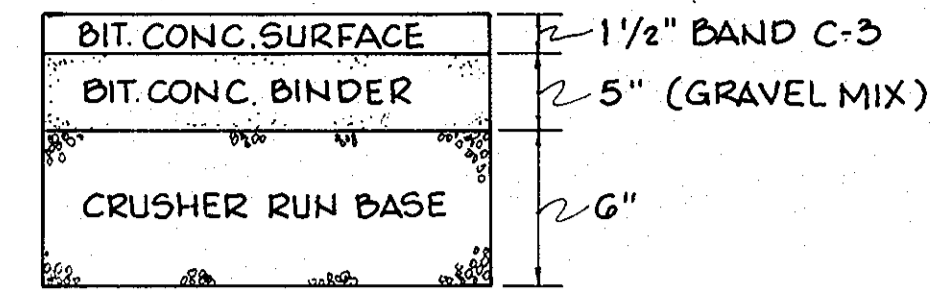
AREA TO BE SEEDD SHALL BE RECENTLY LOOSENEED. IF THE GROUND IS PACKED, CRUSTED OR HARD, THE TOP LAYER OF SOIL SHALL BE LOOSENEED BY DISCING, RACKING OR OTHER ACCEPTABLE MEANS.

- APPLY 10-20-10 FERTILIZER (OR EQUIVALENT) AT THE RATE OF 600 LBS. PER ACRE OR 15 LBS. PER 1000 SQ. FT.
- WHERE SOIL IS KNOWN TO BE HIGHLY ACID, APPLY DOLOMITIC LIMESTONE AT THE RATE OF 1 TON. PER ACRE.
- WORK BOTH INTO SOIL AND SEED WITH CYCLONE SEEDER, DRILL, CULTIPAKER SEEDER OR HYDROSEEDER (SLURRY WILL INCLUDE SEED AND FERTILIZER) AT THE RATE OF 40 LBS. PER ACRE OF ITALIAN OR PERENNIAL RYEGRASS.
- MULCH WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS. PER ACRE AND ANCHOR WITH A CUTBACK ASPHALT OR EMULSIFIED ASPHALT AT THE RATE OF 5 GAL. PER 1000 SQ. FT.

PERMANENT SEEDING

FINAL STABILIZATION WILL TAKE PLACE AS SOON AS POSSIBLE AS WEATHER CONDITIONS PERMIT, AS FOLLOWS:

- APPLY DOLOMITIC LIMESTONE AT THE RATE OF 2 TONS. PER ACRE (ONE TON PER ACRE IF APPLICATION OF TON PER ACRE WAS MADE FOR TEMPORARY SEEDING).
- APPLY 0-20-20 FERTILIZER AT THE RATE OF 600 LBS. PER ACRE. HARROW OR DISC LINE AND 0-20-20 FERTILIZER INTO THE SOIL TO A MINIMUM DEPTH OF 3" LAWN OR HIGH MAINTENANCE AREAS WILL BE DRAGGED AND LEVELED WITH A YORK RAKE. AT THE TIME OF SEEDING APPLY 400 POUNDS OF 38-0-0 UREAFORM FERTILIZER AND 500 LBS. OF 10-20-20 OR EQUIVALENT FERTILIZER PER ACRE.
- SEED WITH A MIXTURE OF CERTIFIED "MERION" KENTUCKY BLUEGRASS @ 40 LBS. PER ACRE; COMMON KENTUCKY BLUEGRASS @ 40 LBS. PER ACRE; RED FESCUE, PENNLAWN OR JAMESTOWN @ 20 LBS. PER ACRE.
- MULCH WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS. PER ACRE AND ANCHOR WITH A CUTBACK ASPHALT OR EMULSIFIED ASPHALT AT THE RATE OF 5 GAL. PER 1000 SQ. FT.
- SEED ALL SLOPES WITH A MIXTURE OF CERTIFIED KENTUCKY 31 TALL FESCUE @ 50 LBS. PER ACRE AND INOCULATED KOREAN LESPEDEZA @ 15 LBS. PER ACRE.



CLEARING AND GRADING: C-1
 SUBGRADE: C-2
 BASE COURSE: C-25
 BINDER COURSE: C-31 OR C-33
 SURFACE COURSE: C-31

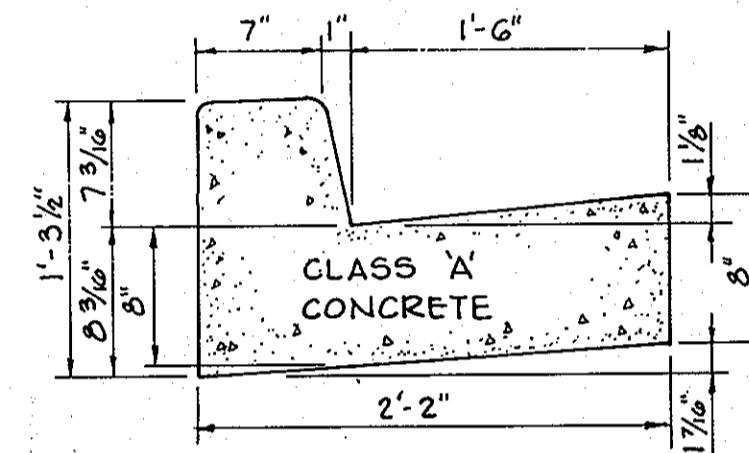
TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.

PAVING DETAIL

NO SCALE

*NOTE:

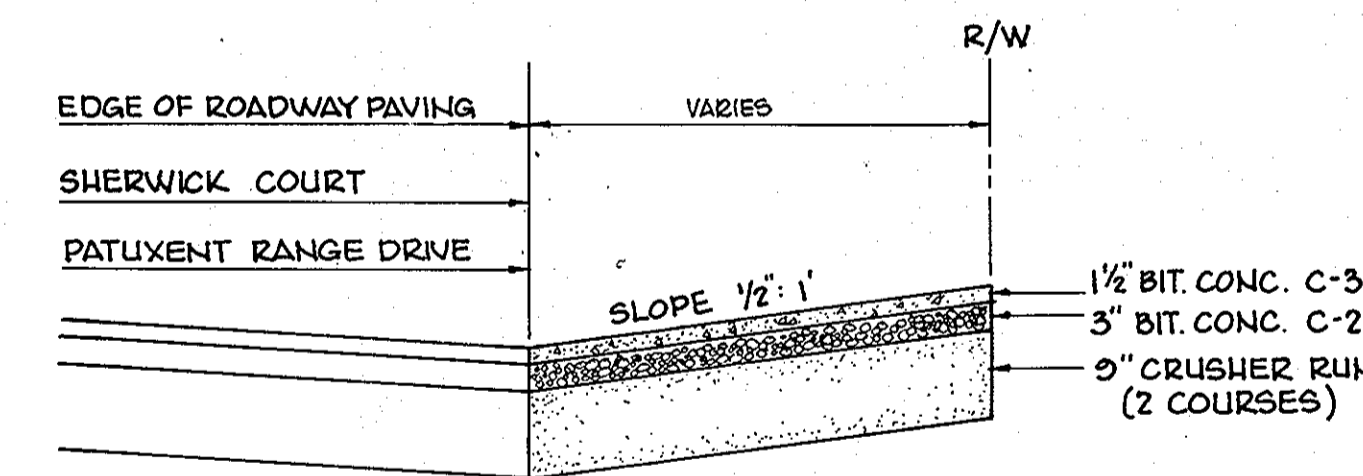
- BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 AS PROVIDED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
- TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.



HOWARD COUNTY STANDARD (DRAWING D-40, PAGE 35)

STANDARD 7" COMBINATION CURB AND GUTTER

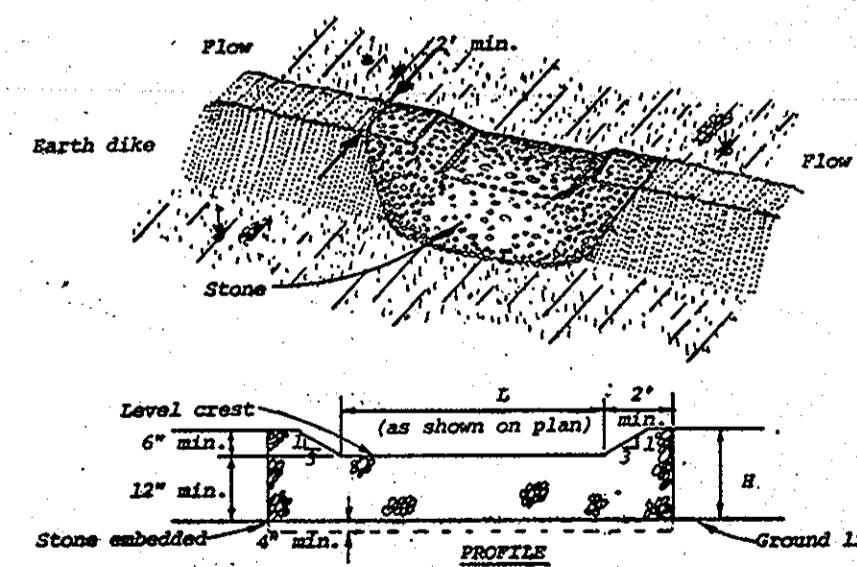
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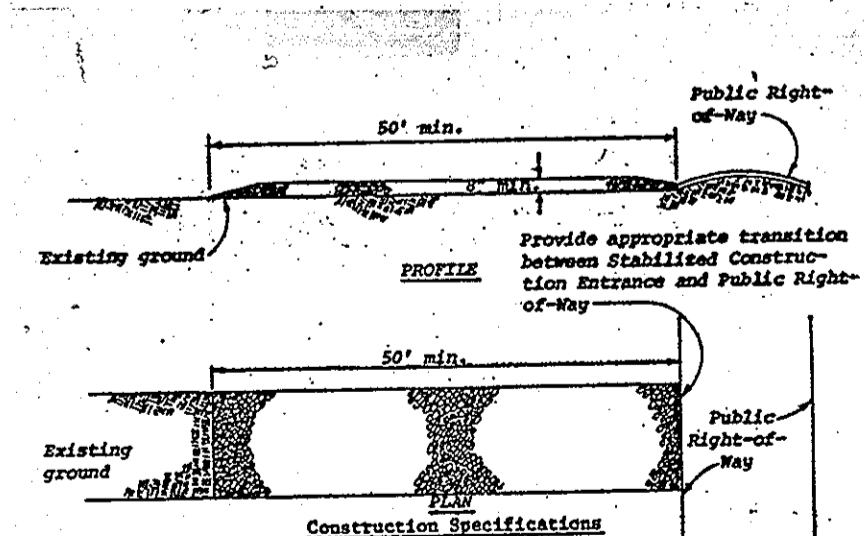
* SEE PAVING DETAIL NOTE

ENTRANCE DETAIL

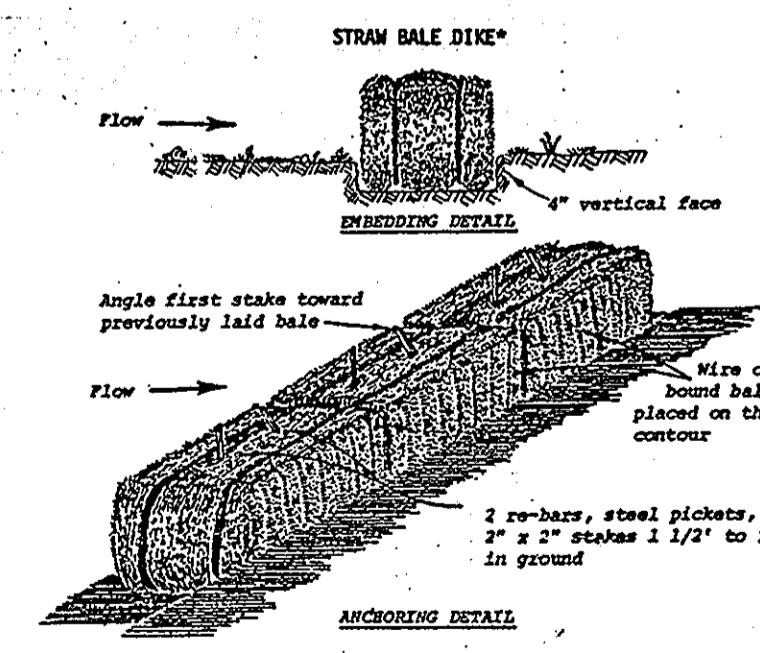
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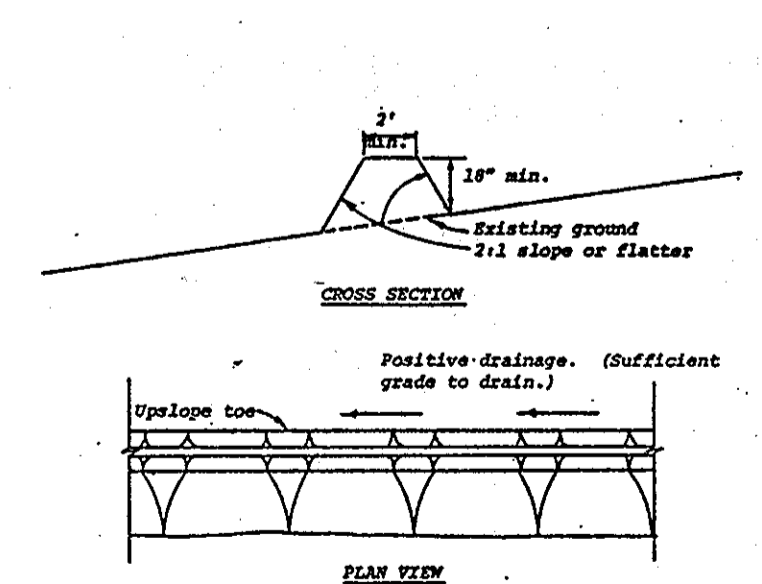
- The stone shall be crushed stone. Gravel may be used if crushed stone is not available. The stone shall meet MSHA Size No. 2 or AASHTO designation M3 Size No. 2 or 24.
- The crest of the stone dike shall be at least six inches lower than the lowest elevation of the top of the earth dike and shall be level.
- The stone outlet structure shall be embedded into the soil a minimum of four inches.
- The minimum length, in feet, of the crest of the stone outlet structure shall be equal to six times the number of acres of contributing drainage area.
- The stone outlet structure shall be inspected after each rain, and the stone shall be replaced when the structure ceases to function as intended due to silt accumulation among the stone, without construction traffic damage, etc.



- Stone size - Use MSHA size No. 2 (2-1/2" to 1") or AASHTO designation M3, size No. 2 (2-1/2" to 1"). Use crushed stone.
- Length - As effective, but not less than 50 feet.
- Thickness - Not less than eight (8) inches.
- Width - Not less than full width of all points of ingress or egress.
- Washing - When necessary, wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with crushed stone which drains into an approved sediment trap or sediment basin. All sediment shall be prevented from entering any storm drain, ditch, or watercourse through use of sand bags, gravel, boards or other approved methods.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-of-way. This may require periodic top dressing with additional stone as compaction demand and/or cleanout of any usages used to trap sediment. All sediment spilled, dropped, or tracked onto public right-of-way must be removed immediately.



- Bales shall be placed in a row with ends tightly abutting the adjacent bales.
- Each bale shall be embedded in the soil a minimum of 4".
- Bales shall be securely anchored in place by stakes or re-bars driven through the bales. The first stake in each bale shall be angled toward previously laid bales to force bales together.
- Inspection shall be frequent and repair or replacement shall be made promptly as needed.
- Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.



- All dikes shall be machine compacted.
- All perimeter dikes shall have positive drainage to an outlet.
- A. Diverted runoff from a protected or stabilized upland area shall outlet directly onto an undisturbed stabilized area or into a level spreader or grade stabilization structure.
- B. Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as sediment trap or a sediment basin or to an area protected by any of these practices.
- Stabilization, when required, shall be done in accordance with Standard and Specifications for Grassed Waterway. The minimum area to be stabilized shall be the channel flow area.
- Periodic inspection and required maintenance shall be provided.

STONE OUTLET STRUCTURE

CERTIFICATION BY THE DEVELOPER:
 "I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS OF DEVELOPMENT AND PLANS FOR PONDS AND EROSION AND SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEMAED NECESSARY". DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

Signature of Developer: DONALD S. KENNEDY
 Date: 9/2/78

CERTIFICATION BY THE ENGINEER:
 "I CERTIFY THAT THIS PLAN FOR PONDS, 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 COUNTY SOIL CONSERVATION DISTRICT".

Signature: James K. Tracy
 Date: 4-24-78

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

Signature: U.S. Soil Conservation Service
 Date: 12-1-78

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

APPROVED: Robert W. Zehn
 Howard S. G.D.
 Date: 12-4-78

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

Signature: Richard E. Breitenberger
 Director
 Date: 12/8/78

Signature: W. O. S. L. L. L.
 Chief, Bureau of Engineering
 Date: 12-7-78

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

Signature: Thomas J. Harris
 Planning Director
 Date: 12-13-78

Signature: [Signature]
 Chief, Division of Land Development
 Date: 12-12-78

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

Signature: [Signature]
 County Health Officer
 Date: 12-11-78

Date	No	Revision Description

SPEC. BUILDING #6
 BALTIMORE WASHINGTON INDUSTRIAL PARK
 6th Election District
 HOWARD COUNTY, MARYLAND

OWNER AND DEVELOPER
 B. W. I. P., INC.
 110 West Road
 TOWSON, MARYLAND 21204

CENTURY ENGINEERING, INC.
 CONSULTING ENGINEERS - PLANNERS
 TOWSON, MARYLAND 21204

AREA
 LIBER 477, FOLIO 530, TAX MAP 48
 PARCEL 'F', BLOCK 'E'

TITLE
 DETAILS
 (REVISION TO APPROVED S.D.P. 73-91)

Des By J.K.T. Scale AS SHOWN Proj No 2978
 Drn By F.X.T. Date 9-13-78 Drawing No.
 Chk By J.K.T. Approved 4 OF 6

4-24-78
 Date

APPROVED
 DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND
 DATE 11-13-78

Signature: James K. Tracy
 Professional Engr. No. 9860

SDP-79-38

SECTION ONE
B.W.I.P.
PARCEL-B BLOCK-E
PLAT BOOK 18
FOLIO 88

SECTION ONE
B.W.I.P.
PARCEL-A BLOCK-E
PLAT BOOK 18
FOLIO 88

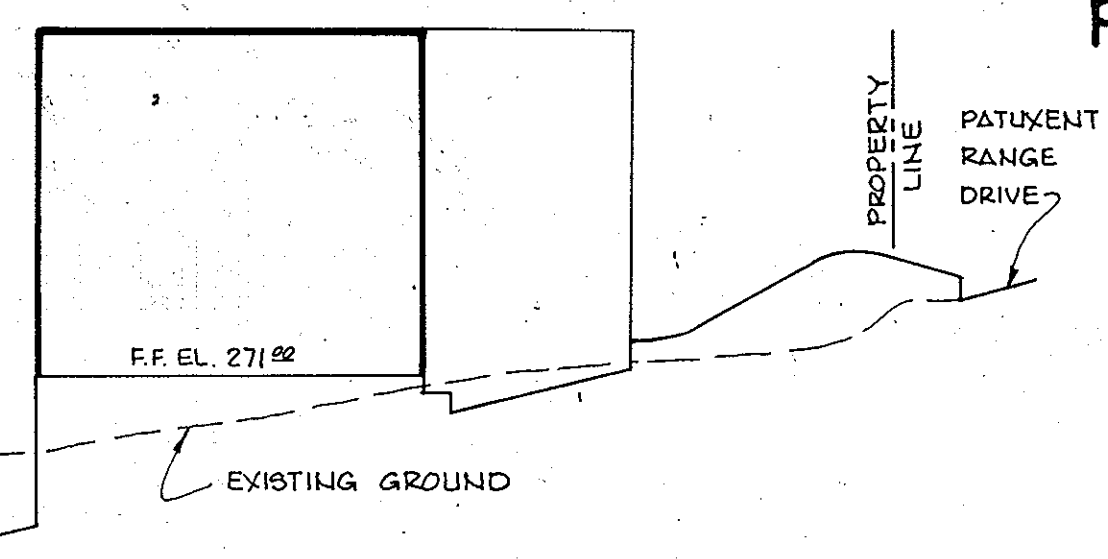
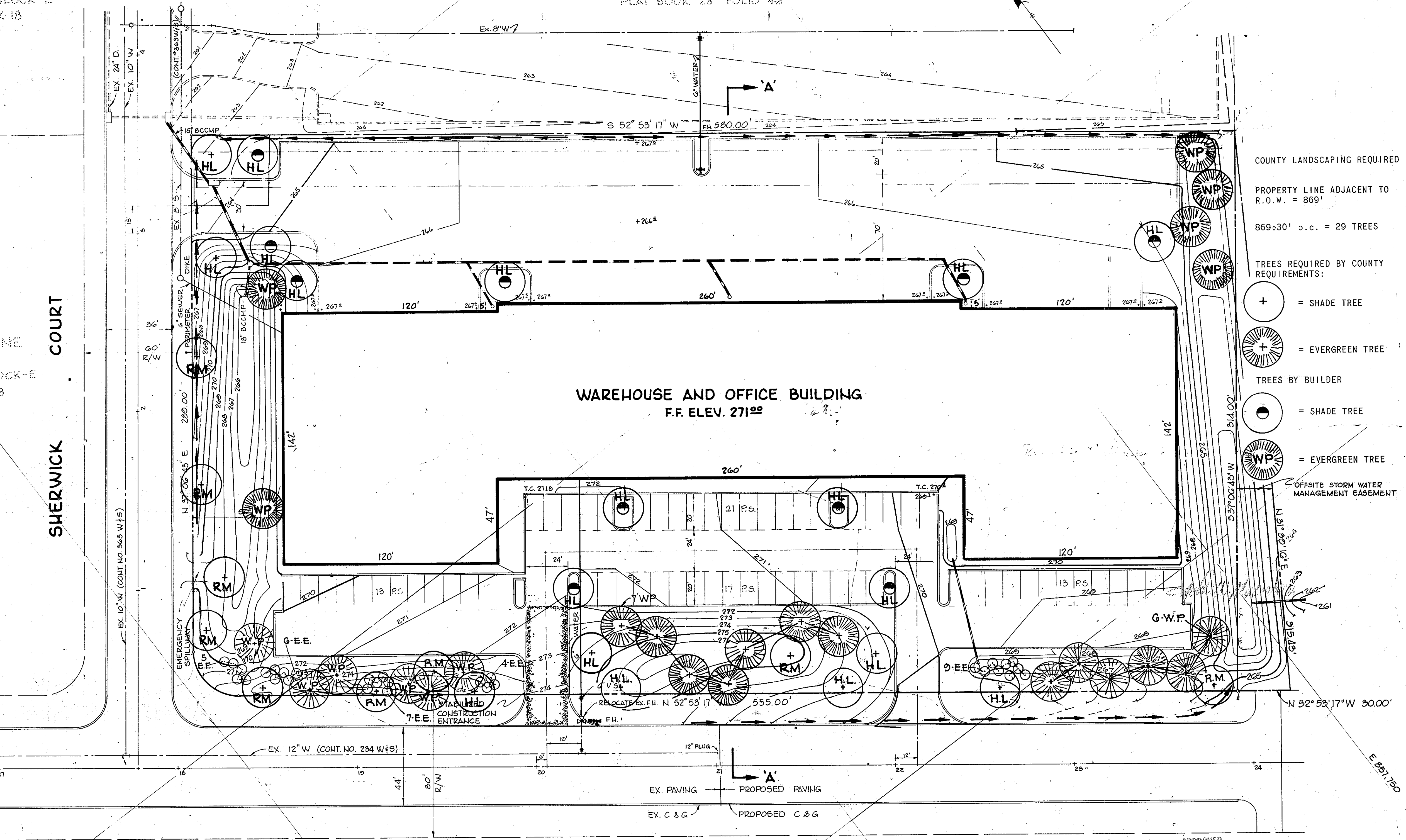
BALTIMORE WASHINGTON INDUSTRIAL PARK
PARCEL-E BLOCK-E
PLAT BOOK 23 FOLIO 46

SHERWICK COURT

WAREHOUSE AND OFFICE BUILDING
F.F. ELEV. 271.00

PATUXENT RANGE DRIVE

PATAPSCO PROPERTIES, INC.
PLAT BOOK 477 FOLIO 530



- RELOCATED F.H. SEQUENCE OF CONNECTION**
1. REMOVE EXISTING FIRE HYDRANT
 2. INSTALL 6" x 6" T, 2-6" VALVES WITH STRAPPING
 3. RESET FIRE HYDRANT IN ACCORDANCE WITH HOWARD COUNTY SPECIFICATIONS.

PLANT LIST			
QUANTITY	NAME	SIZE	REMARKS
9	R.M. ACER RUBRUM RED MAPLE	2 1/2" CAL. 12'-14' HGT	B.&B. WITH FULL HEAD
18	H.L. GLEDITSIA THACANTHOS "THERMIS" HONEY LOC.	2 1/2" CAL. 12'-14' HGT	B.&B. WITH FULL HEAD
25	W.P. PINUS STROBUS WHITE PINE	2 1/2" CAL. 10'-12' HGT	FULL/R.&B.
EVERGREEN SHRUB			
31	E.E. EUNYMIUS PATENS SIFERDIANA EVERGREEN EUNYMIUS	18"-24" HGT.	FULL/4GAL. CAN

COUNTY LANDSCAPING REQUIRED
PROPERTY LINE ADJACENT TO R.O.W. = 869'
869:30' o.c. = 29 TREES

- TREES REQUIRED BY COUNTY REQUIREMENTS:
- + = SHADE TREE
 - ⊕ = EVERGREEN TREE
- TREES BY BUILDER
- ⊙ = SHADE TREE
 - ⊕ = EVERGREEN TREE

CERTIFICATION BY THE DEVELOPER:
"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS OF DEVELOPMENT AND PLANS FOR PONDS AND EROSION AND SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY". DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.

Donald S. Kennedy
Signature of Developer
DONALD S. KENNEDY
Date 9/12/78

CERTIFICATION BY THE ENGINEER:
"I CERTIFY THAT THIS PLAN FOR PONDS, 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."

James H. Tracy
Signature
Date 4-24-78

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

Signature _____ Date _____
U.S. Soil Conservation Service

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED: _____ Date _____
Howard S.C.D.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

Richard E. Frederick
Director
W.O. Libbert
Chief, Bureau of Engineering
Date 12-7-78

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

Thomas A. Hanif
Planning Director
Date 12-13-78
John M. ...
Chief, Division of Land Development
Date 12-13-78

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

Joseph ...
County Health Officer
Date 12-11-78

Date	No	Revision Description
10-17-78	3	THINGS ADD. BEAM & 12 WHITE PINES & 31 EVERGREEN EUNYMIUS

SPEC. BUILDING #6
BALTIMORE WASHINGTON INDUSTRIAL PARK
6th Election District
HOWARD COUNTY, MARYLAND

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AREA
LIBER 477, FOLIO 530, TAX MAP 48
PARCEL 'F', BLOCK 'E'

TITLE
LANDSCAPING PLAN
(REVISION TO APPROVED S.D.P. 73-91)

Des By J.B.S. Scale AS SHOWN Proj No 2978
Dwn By F.X.T. Date 9-13-78 Drawing No. 5 OF 5
Chk By J.B.S. Approved

4-24-78
Date



James H. Tracy
Professional Engr. No. 9095

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 11-13-78