

NO.	DATE	REVISION LIMIT OF DISTURBANCE	BY
1	5/19/22	90 SF	GLC

ENGINEER HUDKINS ASSOC., INC.  
101 SHELL BUILDING  
200 E. JOPPA ROAD  
TOWSON, MARYLAND 21204

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPT.  
*James J. Brown* 7-19-82  
COUNTY HEALTH DEPT. OFFICER DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL  
EROSION AND SEDIMENT CONTROL BY THE HOWARD  
SOIL CONSERVATION DISTRICT.  
*William T. Rowe* 6-25-82  
HOWARD S.C.D. DATE

REVIEWED FOR HOWARD S.C.D.  
AND MEETS TECHNICAL REQUIREMENTS

- NOTES:
1. INSTALLATION OF ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES 1971 REV. EDITION
  2. ALL HANDICAPPED SPACES SHALL BE CLEARLY MARKED WITH SIGN AS SHOWN ON THIS SHEET. LOCATION SHOWN THIS SHEET. ALL SPACES 12' X 18'
  3. THIS PLAN IS NOT AFFECTED BY A 100 YR. FLOOD PLAIN.
  4. ALL MATERIALS & CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD CO. ROAD CONSTRUCTION CODE.
  5. ANY DAMAGE TO THE COUNTY RIGHT-OF-WAY OR PAVING WILL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
  6. NO RETAIL SALE PERMITTED.
  7. CONTRACTOR SHALL CONTACT THE CONSTRUCTION INSPECTION SURVEY DIVISION 24 HRS IN ADVANCE OF COMMENCEMENT OF WORK @ 302-2417 OR 302-2418
  8. HOWARD CO. STDS.  
CONC. C & G R. 3.01  
SIDEWALK R. 3.05

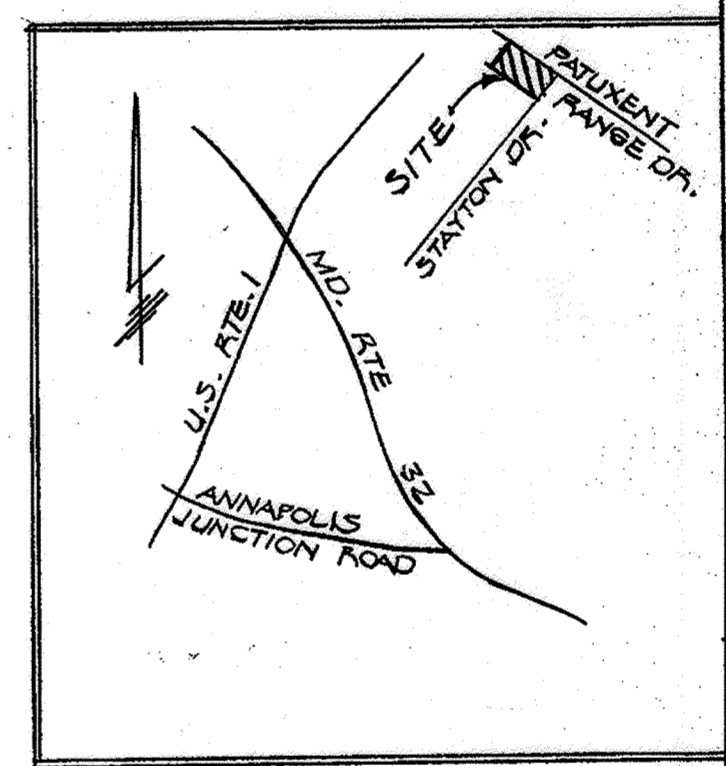
*James M. Helm* 6/28/82  
U.S. SOIL CONSERVATION SERVICE DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*Donald A. Harris* 7-23-82  
DIRECTOR DATE

*John M. Madsen* 7-23-82  
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE & STORM DRAINAGE SYSTEMS & PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*James M. Helm* 7/14/82  
DIRECTOR DATE

*Allen S. Brown* 7/14/82  
CHIEF, BUREAU OF ENGINEERING DATE



DEVELOPER  
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL & THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

*Donald H. Gaylor* 11-29-81  
SIGNATURE DATE

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

*Howard H. Helm* 5/13/82  
SIGNATURE DATE

DEVELOPER  
TRANMELL CROW CO.  
6000 EXECUTIVE BLVD.  
ROCKVILLE, MD. 20852

ARCHITECT  
ROBERT T. HOFMANN & ASSOCIATES, INC.  
670 OXFORD BUILDING MD. EXECUTIVE PARK  
TOWSON, MD. 21204

OWNER  
BWIF INC  
110 WEST ROAD  
TOWSON, MD. 21204

BALTIMORE-WASHINGTON INDUSTRIAL PARK  
SECTION 1-BLOCK X-PARCEL D  
FLAT NO. 3491  
ELECTION DISTRICT 6 HOWARD COUNTY, MARYLAND

'SITE DEVELOPMENT PLAN 1 OF 5

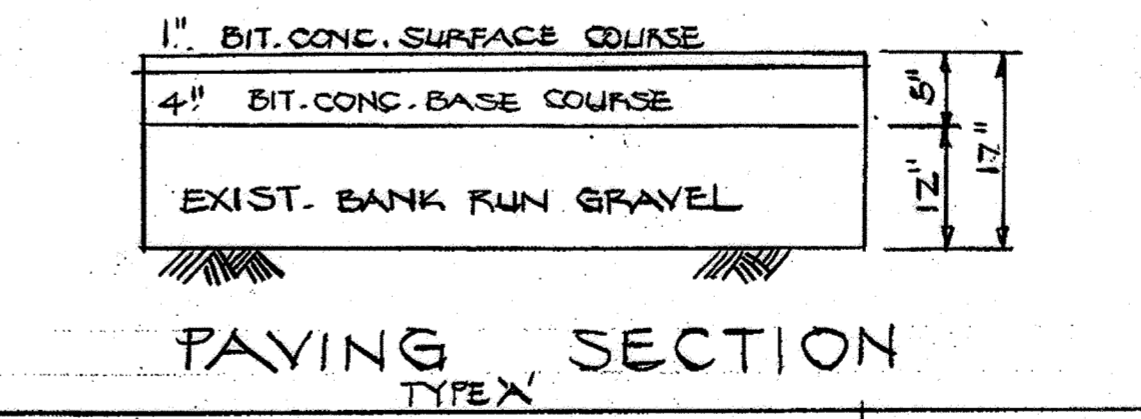
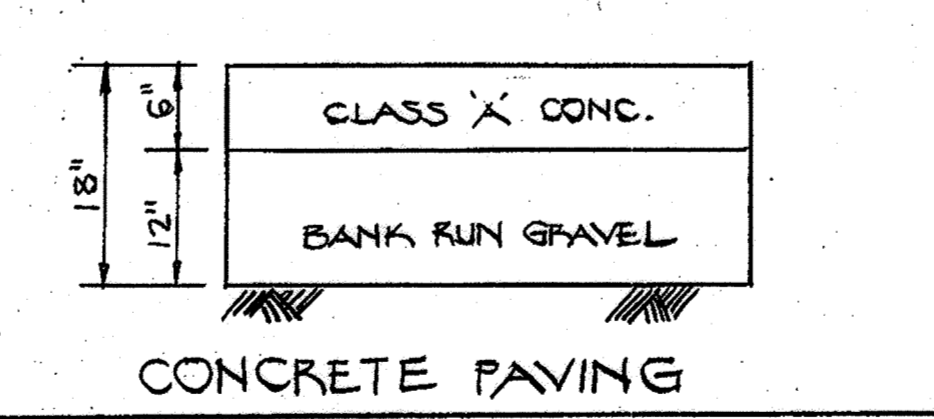
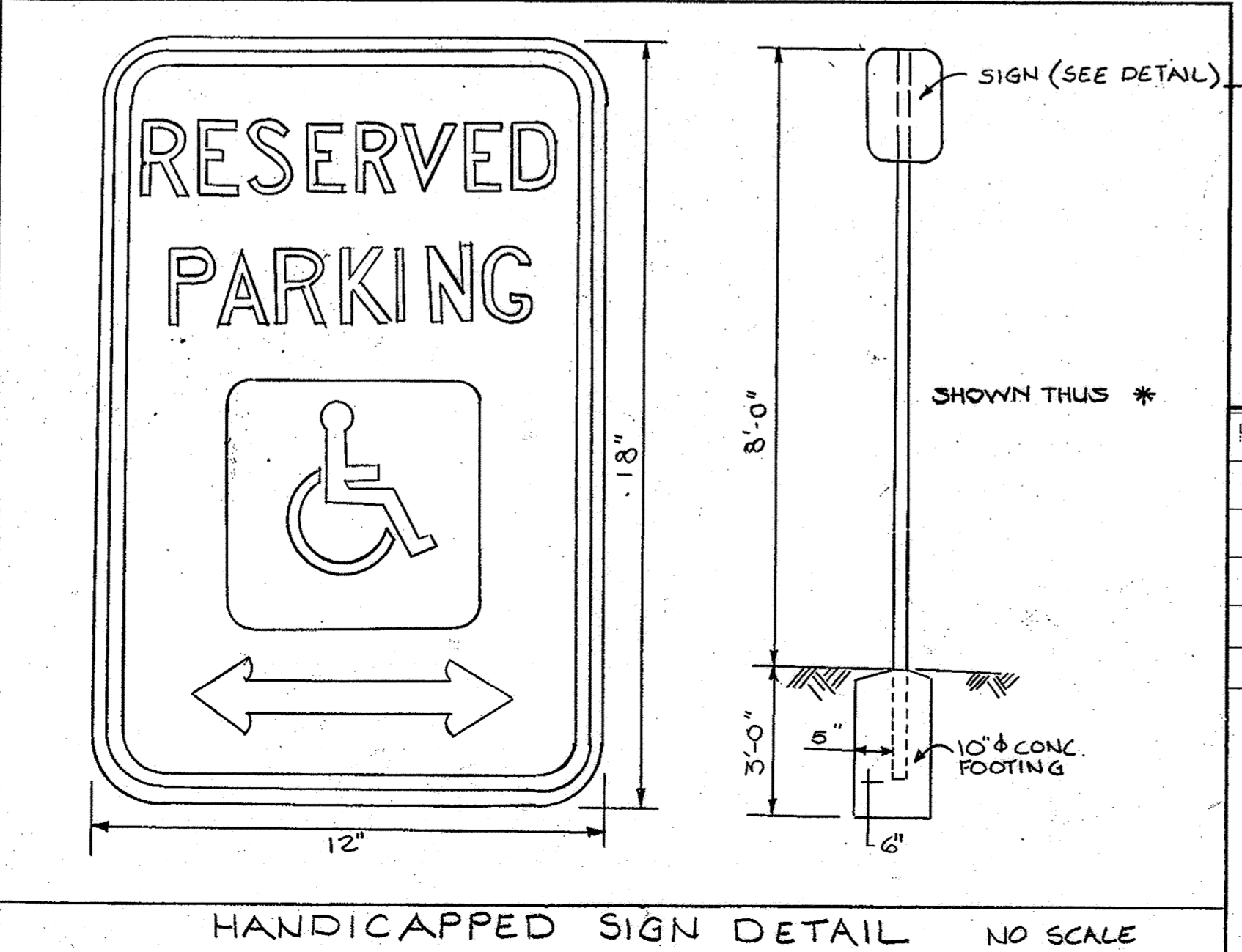
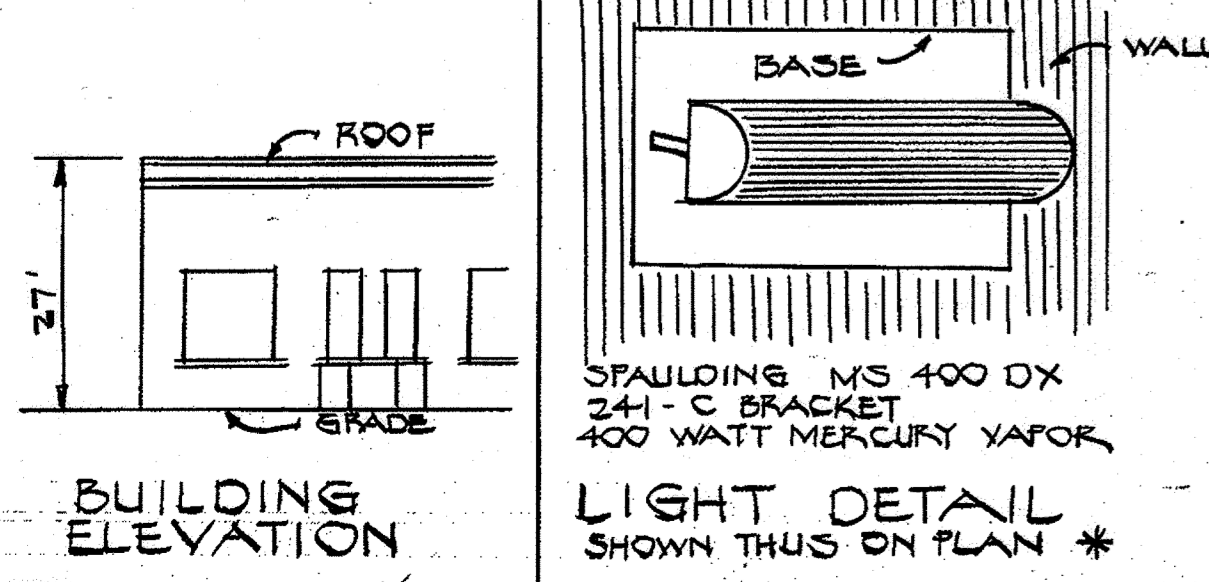
SITE ANALYSIS

1. AREA OF TRACT = 4.010 AC ±
2. ZONING = M-2
3. FLOOR AREA = 70,800 SF = 40.4%
4. GREEN SPACE = 1.1 AC = 27%
5. PARKING REQUIREMENTS  
WAREHOUSE 30 EMP./2 = 15 SP.  
OFFICE 30 EMP./0.7 = 21 SP.  
TOTAL REQUIRED = 36 SP.  
TOTAL PROVIDED = 46 SP.
6. OFFICE AREA 10,620 SF  
WAREHOUSE AREA 60,180 SF

NOTES: SEE A.A. CASE 82-03 APPROVED FOR REDUCTION OF THE M-2 PARKING SETBACK OF 50 FEET TO 45 FEET.

THE COMPARABLE ELEMENTS SHOWN BETWEEN PATUXENT RANGE DRIVE & THE BUILDING HAVE BEEN ACCEPTED IN LIEU OF 30 FOOT LANDSCAPE EDGE.

PARCEL B - BLK. A  
PD 25 F. 4  
MD NATIONAL BANK

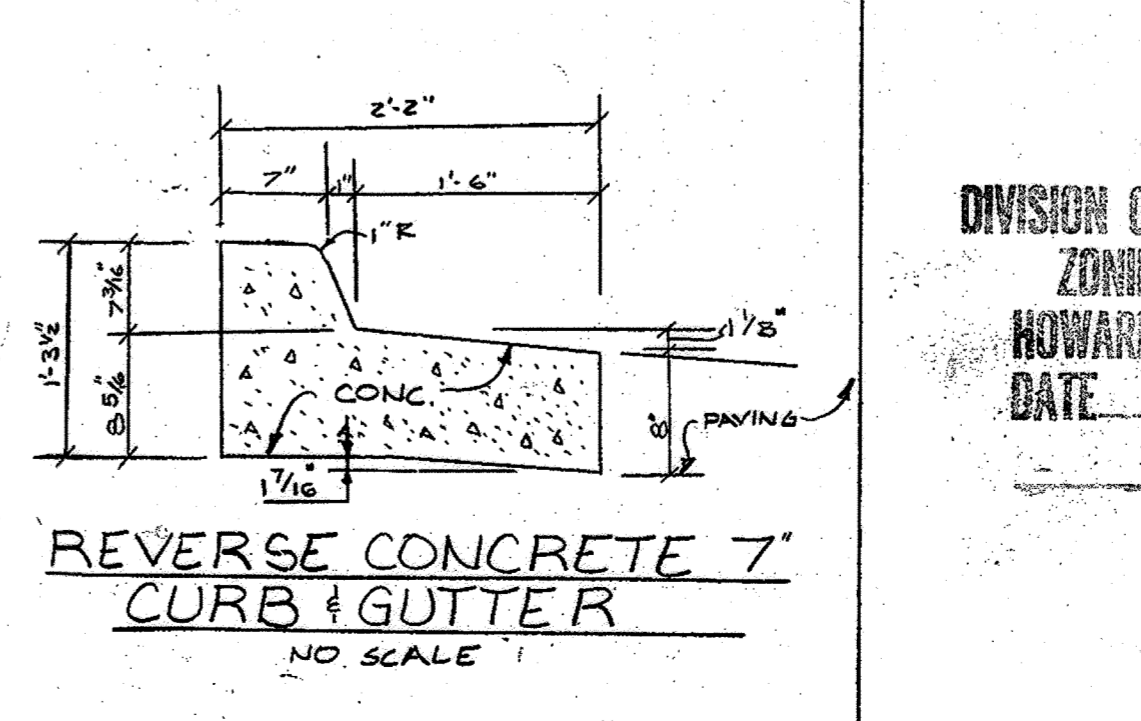


NO.	DATE	REVISION	BY
1	5/19/22	ADDED METAL STAIR TO SOUTHEAST CORNER OF BUILDING FOR REQUIRED EGRESS. RELOCATE	GLC

Professional Certification  
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.  
License No.: 22538  
Expiration Date: 11-24-23

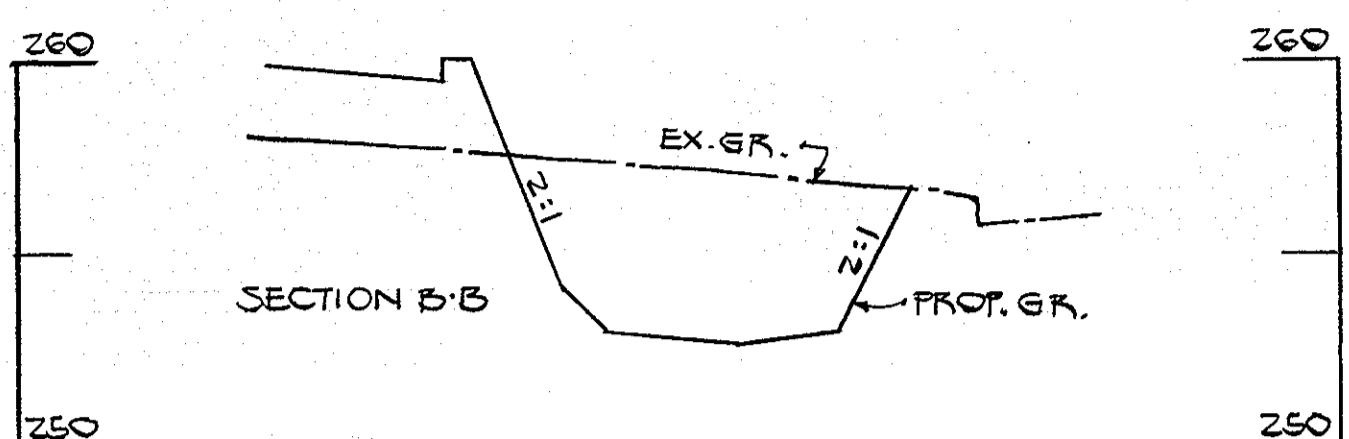
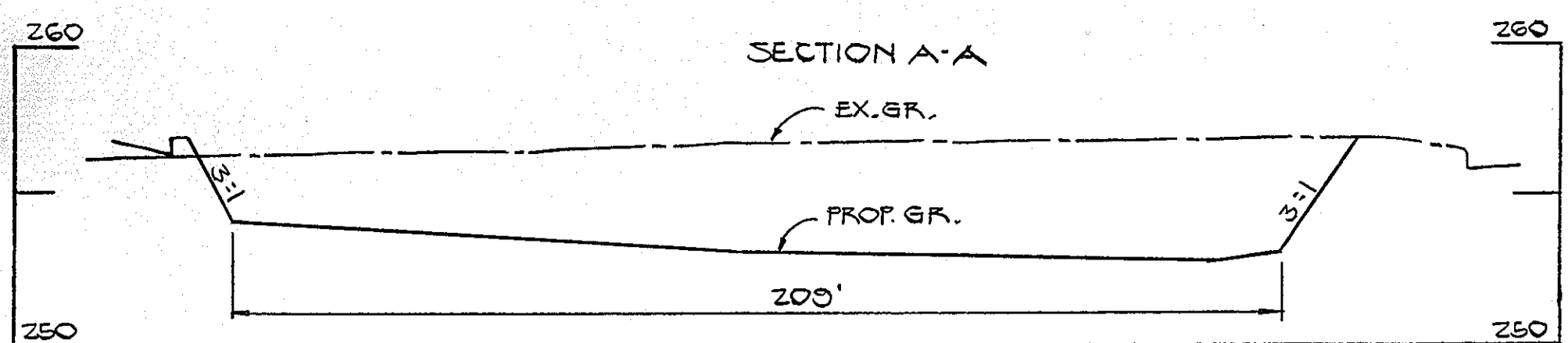
SEAL 22538 FOR REVISION 1 DATED 05-19-22 ONLY

STATE OF MARYLAND  
GEOFFREY LIN CINERRO  
No. 22538  
PROFESSIONAL ENGINEER

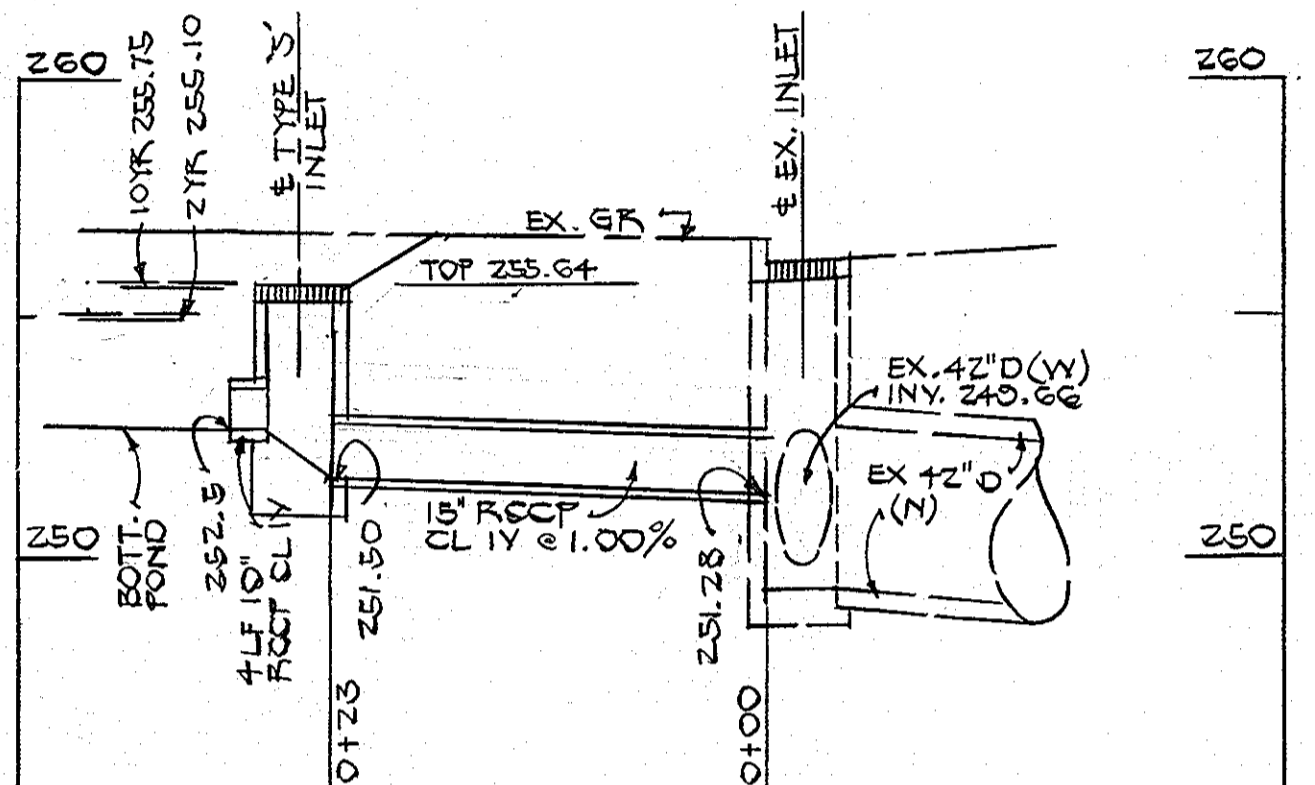


APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 6-18-82

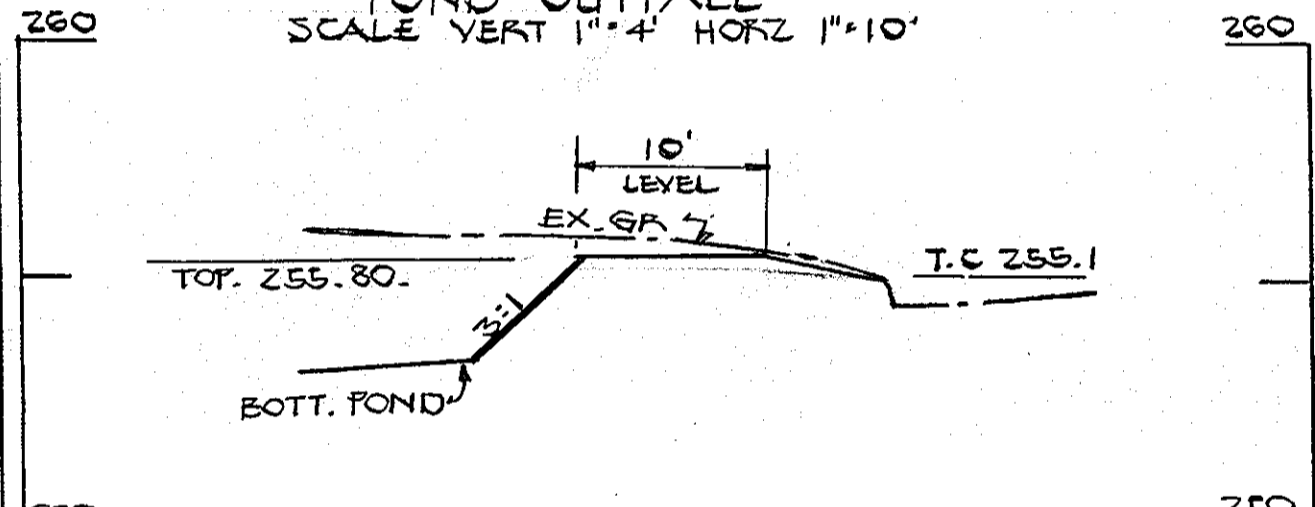
NOTE: COMPLIANCE WITH HOWARD CO. PARKING REQUIREMENTS IS THE RESPONSIBILITY OF THE OWNER.



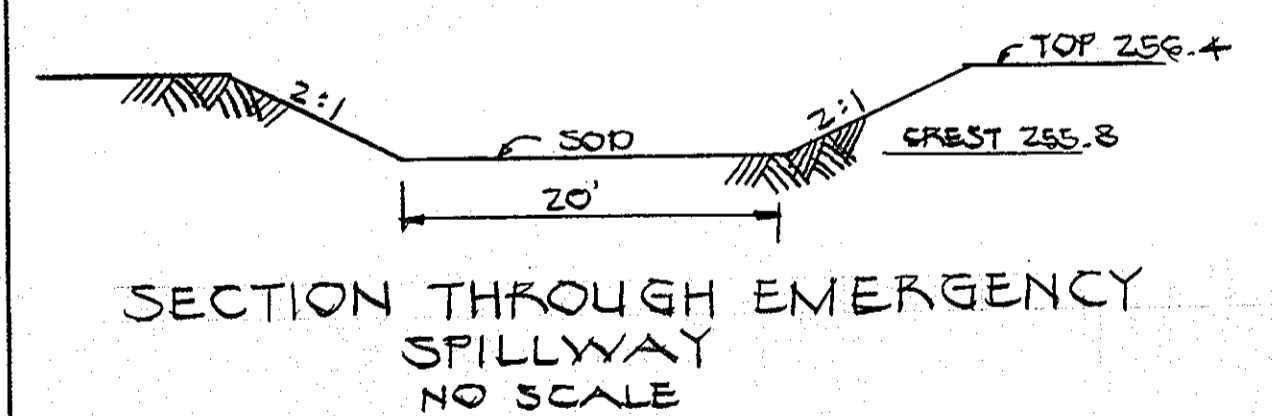
POND SECTIONS  
SCALE  
VERT 1"=5' HORIZ 1"=30'



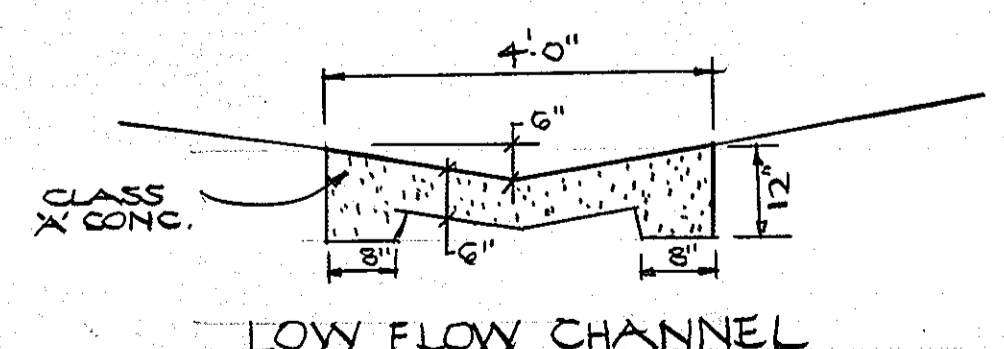
POND OUTFALL  
SCALE VERT 1"=4' HORIZ 1"=10'



PROFILE OF EMERGENCY SPILLWAY  
SCALE: HORIZ: 1"=10' VERT: 1"=4'

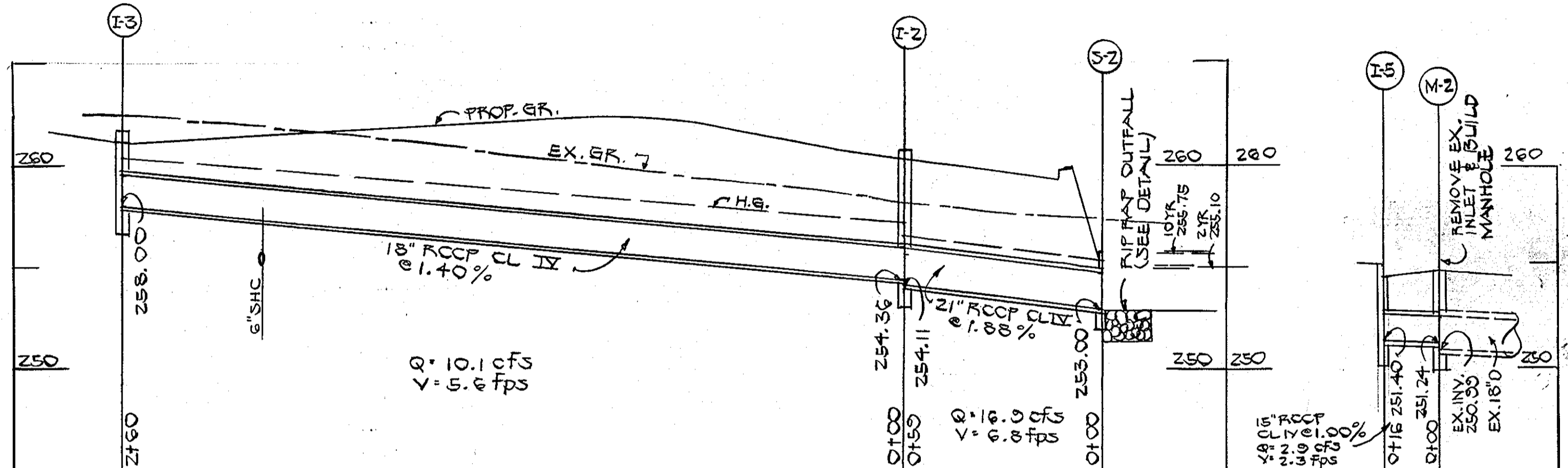
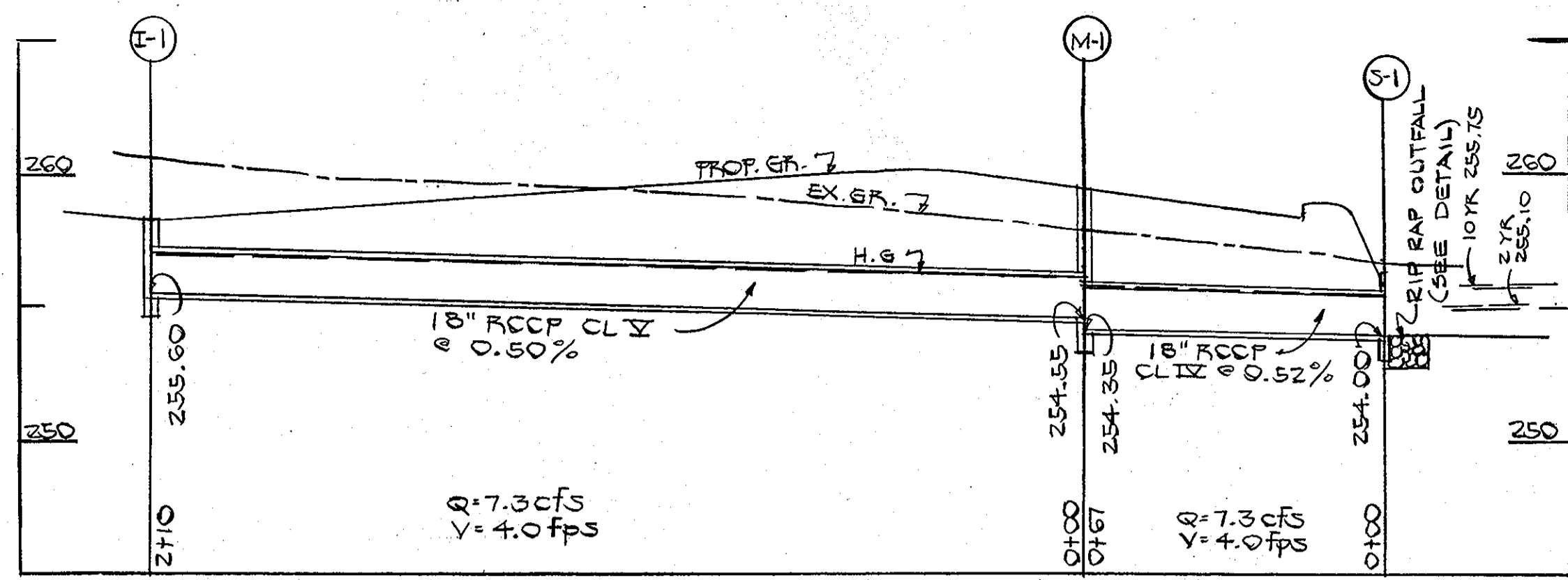


SECTION THROUGH EMERGENCY SPILLWAY  
NO SCALE

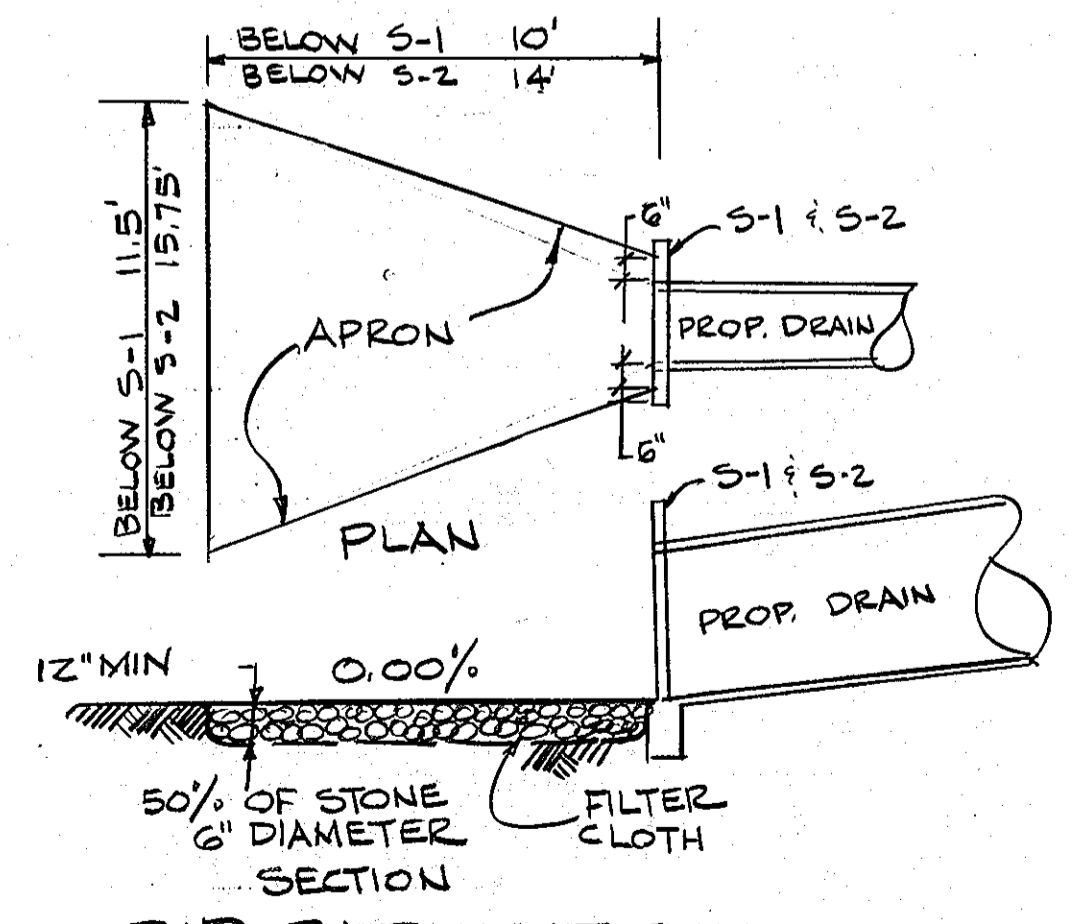


LOW FLOW CHANNEL

NO	STRUCTURE		SCHEDULE		REMARKS
	TYPE	INY. IN	INY. OUT	TOP	
I-1	S' INLET	-	255.60	258.40	S.D. 4.21
I-2	S' COMB.	254.36	254.11	260.60	S.D. 4.32
I-3	S' COMB.	-	258.00	261.50	SD 4.32
I-4	S' INLET	252.50	252.50	255.22	SD 4.21
M-1	STD. MANHOLE	254.55	254.35	259.30	SD 3.01
S-1	C' ENDWALL	-	254.00	256.25	SD 5.21
S-2	C' ENDWALL	-	255.00	255.50	SD 5.21
I-5	WY. INLET	-	251.40	255.10	-
M-2	S' MANHOLE	251.24	250.50	254.70	SD 3.03



STORM DRAIN PROFILES  
SCALE: HORIZ: 1"=30' VERT: 1"=5'



RIP-RAP OUTFALL

ENGINEER: HUDKINS ASSOCIATES INC.  
101 SHELL BUILDING  
200 E. JOPPA ROAD  
TOWSON, MARYLAND 21204

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPT.  
*Joseph P. ...* 7-19-82  
COUNTY HEALTH DEPT. OFFICER DATE

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

*William T. Rowe* 6-25-82  
HOWARD S.C.D. DATE

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

*James M. ...* 6/28/82  
U.S. SOIL CONSERVATION SERVICE DATE

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
*Thomas L. ...* 7-23-82  
DIRECTOR DATE

*John W. ...* 7-23-82  
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE & STORM DRAINAGE SYSTEMS & PUBLIC ROADS.  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

*Allen S. Brown* 7/14/82  
DIRECTOR DATE  
CHIEF, BUREAU OF ENGINEERING

DEVELOPER  
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL & THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT & EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.  
*Donald H. Taylor* 11-29-81  
SIGNATURE DATE

ENGINEER  
I CERTIFY THAT THE PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PROFESSIONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
*Howard ...* 5/13/82  
SIGNATURE DATE

DEVELOPER  
TRAMMELL CROW CO.  
600 EXECUTIVE BLVD.  
ROCKVILLE, MD 20852

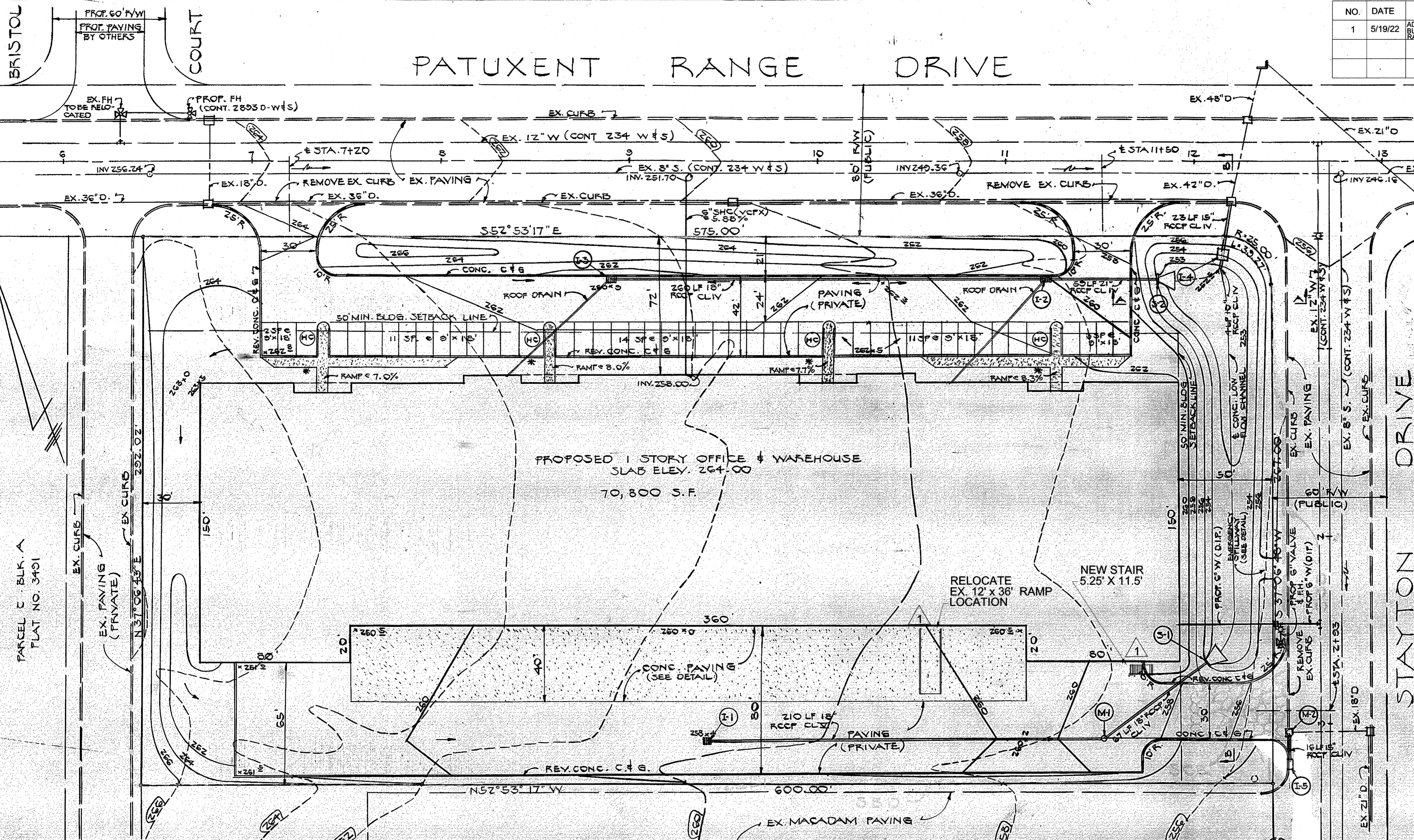
ARCHITECT  
ROBERT T. HOFMANN & ASSOCIATES, INC.  
670 OXFORD BUILDING MD. EXECUTIVE PARK  
TOWSON, MD. 21204

OWNER  
BWIF INC.  
110 WEST ROAD  
TOWSON, MD. 21204

BALTIMORE-WASHINGTON INDUSTRIAL PARK  
SECTION 1-BLOCK A-PARCEL D  
PLAT NO. 34-01  
ELECTION DISTRICT 6 HOWARD COUNTY, MARYLAND

SITE DEVELOPMENT PLAN	2 OF 5
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APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 6-18-82



NO.	DATE	REVISION	BY
1	5/19/22	ADDED METAL STAIR TO SOUTHEAST CORNER OF BUILDING FOR REQUIRED EGRESS. RELOCATE RAMP	GLC

ENGINEER HUDKINS ASSOC., INC.  
101 SHELL BUILDING  
200E. JOPPA ROAD  
TOWSON, MARYLAND 21204

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPT.

*William T. Rowe* 6-7-19-82  
HOWARD COUNTY HEALTH DEPT OFFICER DATE

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

*William T. Rowe* 6-25-82  
HOWARD S.C.D. DATE

REVIEWED FOR S.C.D. AND MEETS TECHNICAL REQUIREMENTS

*James M. Hahn* 6/28/82  
U.S. SOIL CONSERVATION SERVICE DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

*Thomas J. Hanning* 7-28-82  
DIRECTOR DATE

*William T. Rowe* 7-25-82  
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE & STORM DRAINAGE SYSTEMS & PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*James M. Hahn* 7/14/82  
DIRECTOR DATE

*Allen S. Brown* 7/14/82  
CHIEF, BUREAU OF ENGINEERING DATE

DEVELOPER

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*Ronald J. Taylor* 11-29-81  
SIGNATURE DATE

ENGINEER

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

*Howard H. Hahn* 5/13/82  
SIGNATURE DATE

DEVELOPER  
TRAMMELL CROW CO.  
6000 EXECUTIVE BLVD.  
ROCKVILLE, MD. 20852

ARCHITECT  
ROBERT T. HOFFMANN & ASSOCIATES, INC.  
675 OXFORD BUILDING  
TOWSON, MD. 21204

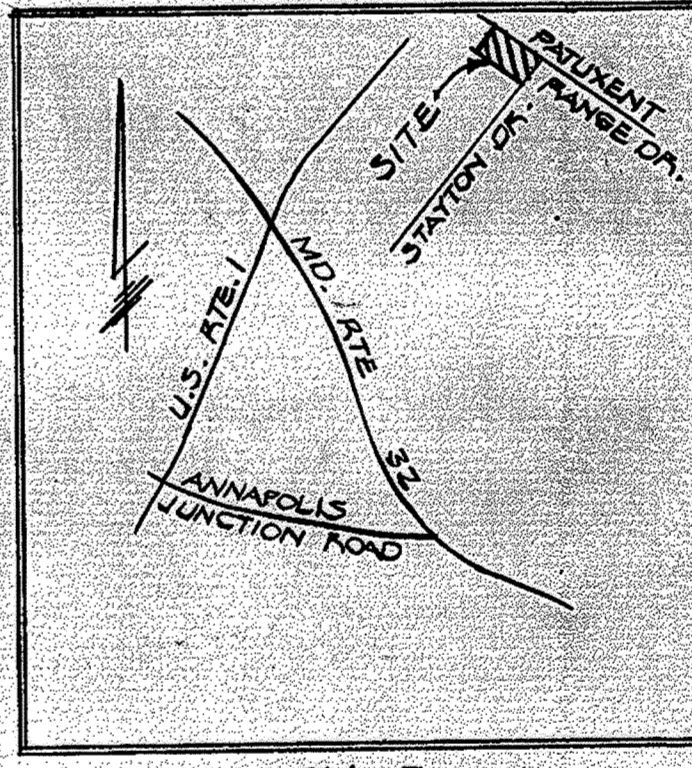
OWNER  
BWIF INC.  
110 WEST ROAD  
TOWSON, MD. 21204

BALTIMORE-WASHINGTON INDUSTRIAL PARK  
SECTION 1-BLOCK X-PARCEL D  
PLAT NO. 3491  
ELECTION DISTRICT 6 HOWARD COUNTY, MARYLAND

SEDIMENT CONTROL PLAN 3 OF 5

POND DESIGN DATA  
DRAINAGE AREA = 4.1 AC  
DISTURBED AREA = 4.1 AC  
VOL. REQUIRED = 4.1 \* 67 \* 275 CY  
VOL. PROVIDED @ TOP OF INLET (ELEV. 255.4) = 692 CY  
CLEANOUT @ ELEV. 253.95

APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 6-18-82



SEAL 22538 FOR REVISION 1 DATED 05-19-22 ONLY  
Professional Certification  
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.  
License No.: 22538  
Expiration Date: 11-29-23  
GOFFREY LIN CIENRO No. 22538  
PROFESSIONAL ENGINEER

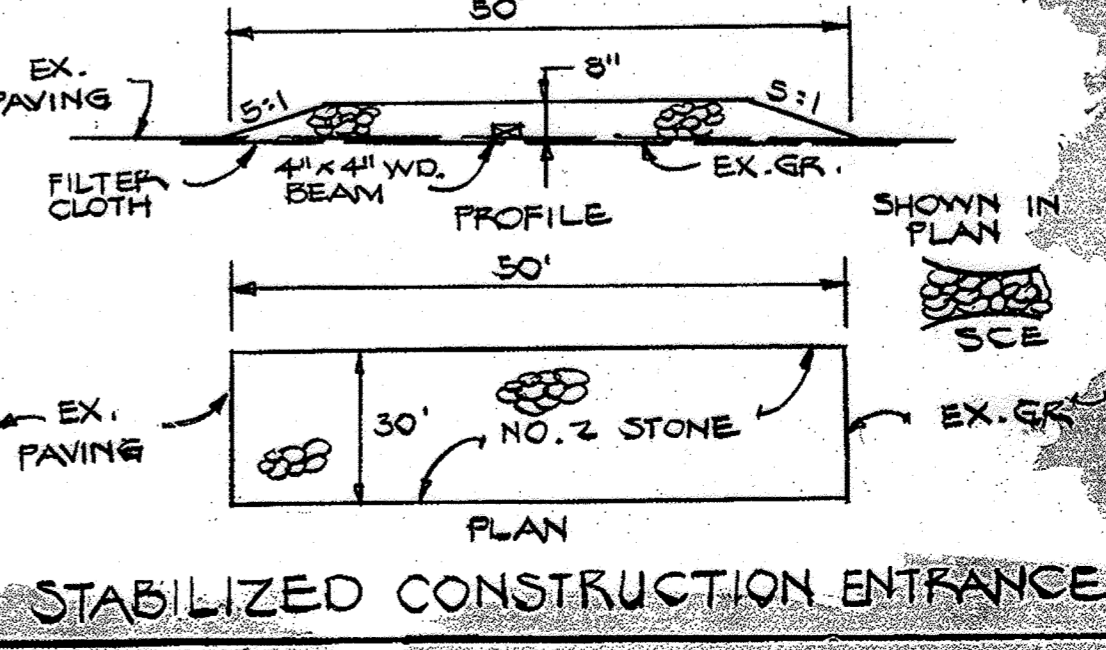
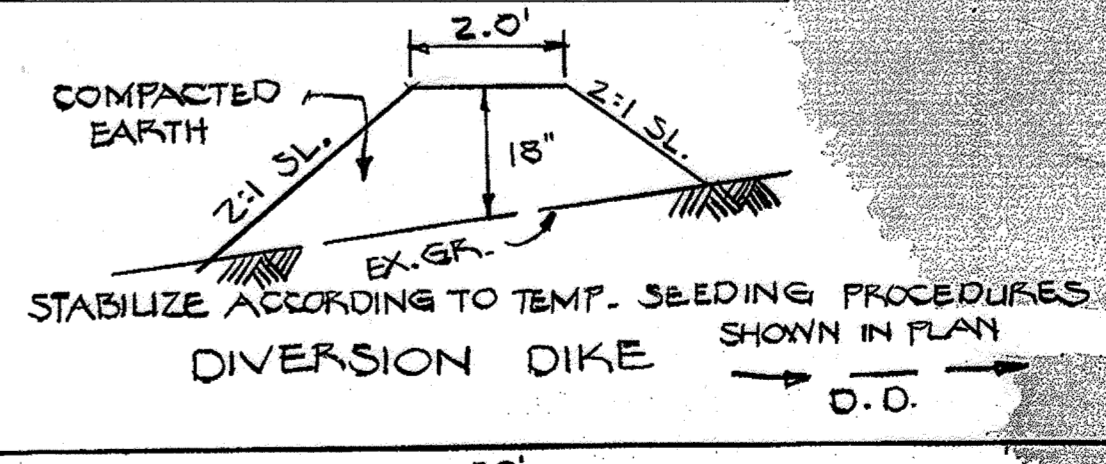
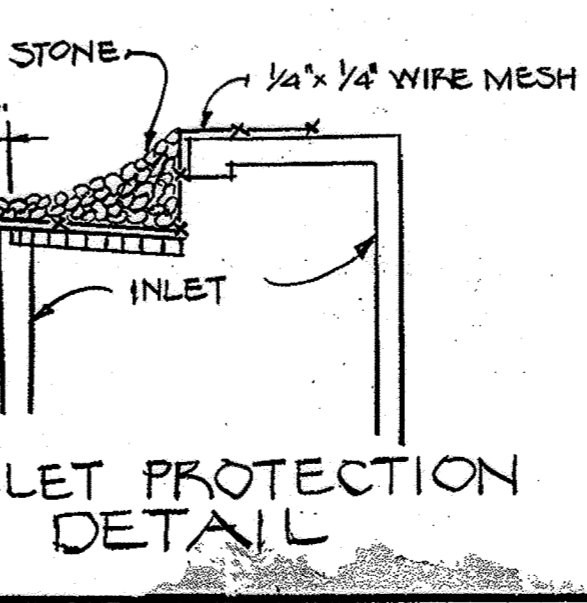
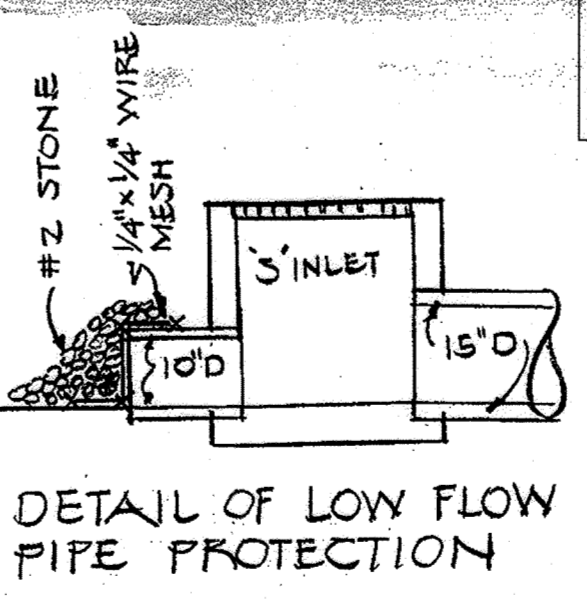
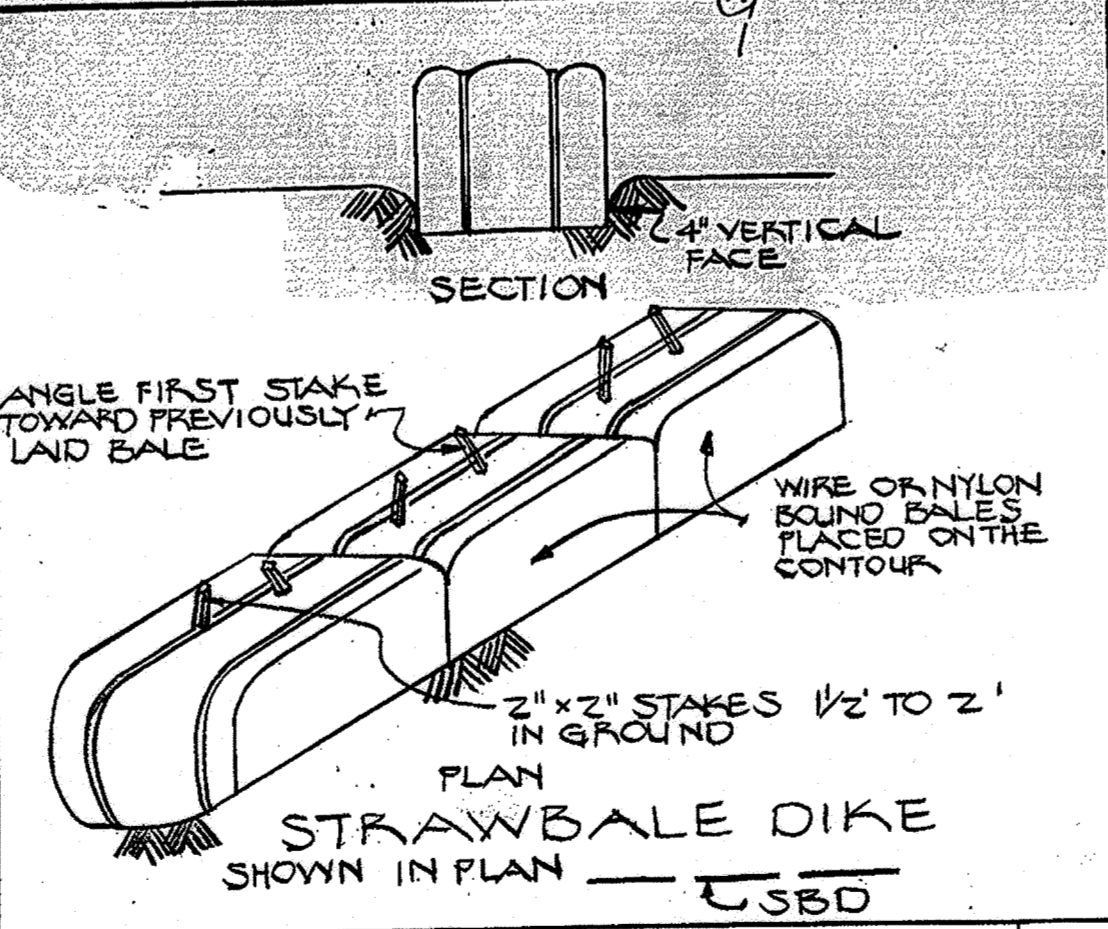
- PERMANENT SEEDING PROCEDURES
1. Apply 50 lbs./1000 S.F. of limestone
  2. Apply fertiliser @ rate of 25 lbs. of 10-10-10 per 1000 S.F. depending on soil tests.
  3. Harrow or disc fertilizer & limestone into soil to a depth of 3 inches.
  4. Seed with KY 31 tall fescue at rate of 5 lbs./1000 S.F. or other SCS approved plan.
  5. Mulch with small grain straw 1.5 to 2.0 tons per acre (70% - 80%)/1000 S.F.
  6. Anchor mulch with sprayed asphalt @ rate of 1 gal./S.Y.
  7. No slope shall exceed 2:1

- TEMPORARY SEEDING NOTES
1. Seed immediately with annual rye grass 3 lbs./1000 S.F. or perennial rye grass 1 lb./1000 S.F.
  2. Apply 46 lbs./1000 S.F. of pulverized dolomitic lime stone and 11.5 lbs. of 10-10-10 or equivalent fertilizer.
  3. Harrow or disc lime and fertilizer into the soil to a depth of at least 3 inches, continue tillage until a reasonably uniform, fine, firm seed bed has been prepared. On sloping land the final harrowing or discing should be done on the contour.
  4. Mulch with straw @ 75 lbs./1000 S.F.
  5. Anchor mulch with sprayed asphalt @ rate of 0.1 gal./S.Y.

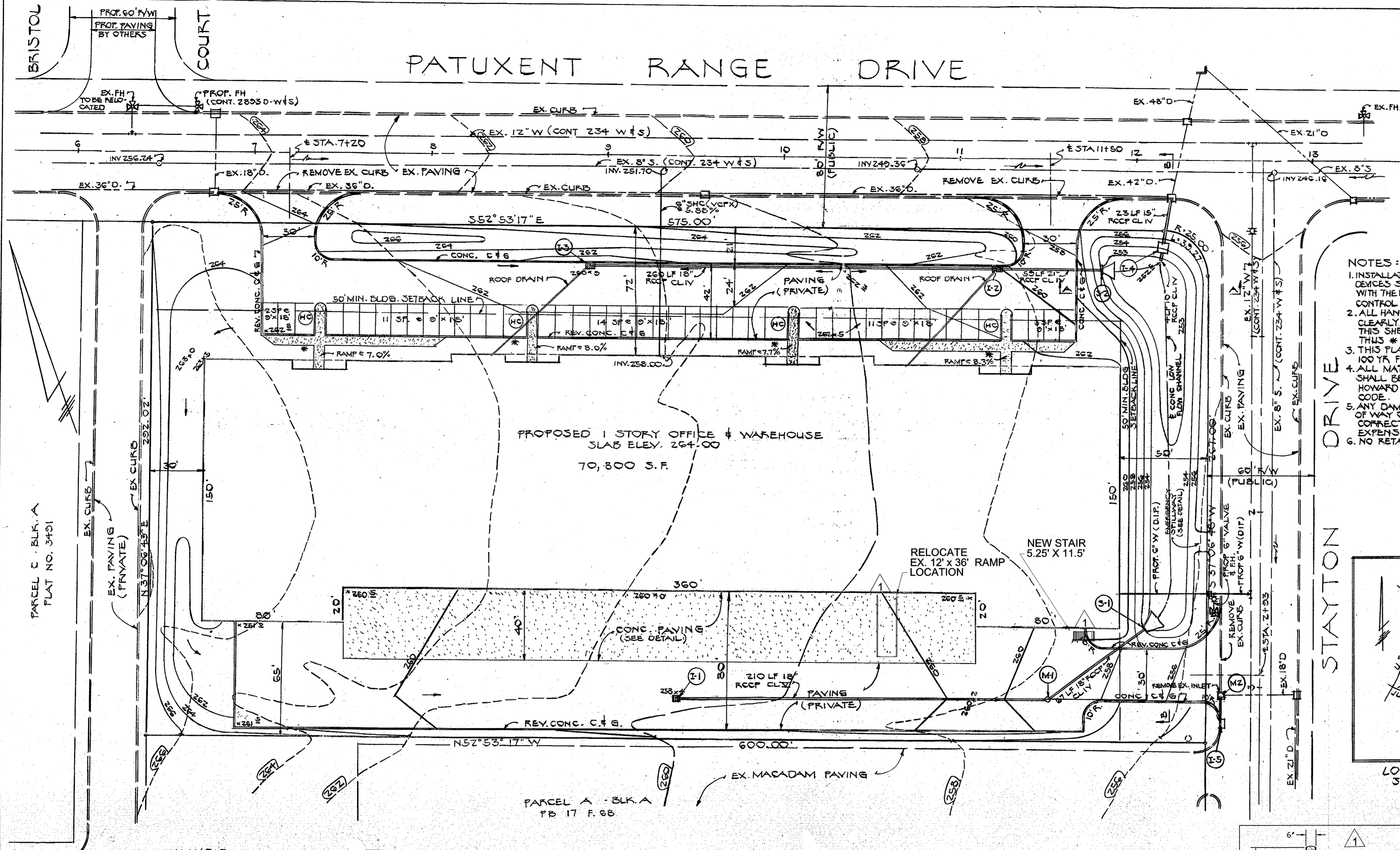
- VEGETATIVE COVER OPTIONS
- |                   |   |
|-------------------|---|
| Feb. 1 to May 1   | 1. Sod<br>2. Seed & mulch   |
| May 1 to Aug. 15  | 1. Sod<br>2. Mulch, anchor, tool then seed during next seed period  |
| Aug. 15 to Nov. 1 | 1. Sod<br>2. Seed & mulch   |
| Nov. 1 to Feb. 1  | 1. Sod - delay until next period if ground is frozen<br>2. Mulch, anchor, tool then seed during next seed period. |

- SEQUENCE OF CONSTRUCTION
1. OBTAIN GRADING PERMIT.
  2. NOTIFY HOWARD CO. DEPT. OF PERMITS & LICENCES
  3. CLEAR & GRUB AREAS OF SEDIMENT CONTROL DEVICES.
  4. INSTALL SEDIMENT CONTROL DEVICES
  5. CONSTRUCT I-4 AND POND OUTFALL PIPE (PROVIDE PROTECTION FOR LOW FLOW PIPE)
  6. ROUGH GRADE SITE & INSTALL STORM DRAINS W/ INLET PROTECTION
  7. PROCEED WITH BUILDING AND UTILITY CONSTRUCTION.
  8. PLACE SUB-BASE MATERIAL ON ALL AREAS TO BE PAVED.
  9. PAVE PARKING AREAS & STABILIZE REMAINING AREAS ACCORDING TO PERMANENT SEEDING PROCEDURES
  10. FLUSH STORM DRAIN SYSTEM
  11. PUMP STANDING WATER THROUGH TOP OF INLET
  12. REMOVE MULCH & SPREAD & STABILIZE IMMEDIATELY
  13. INSTALL RIP-RAP OUTFALLS.
  14. COMPLETE POND CONSTRUCTION AS PER SHEETS 1 & 2
  15. REMOVE REMAINING SEDIMENT CONTROL DEVICES & STABILIZE THOSE AREAS.

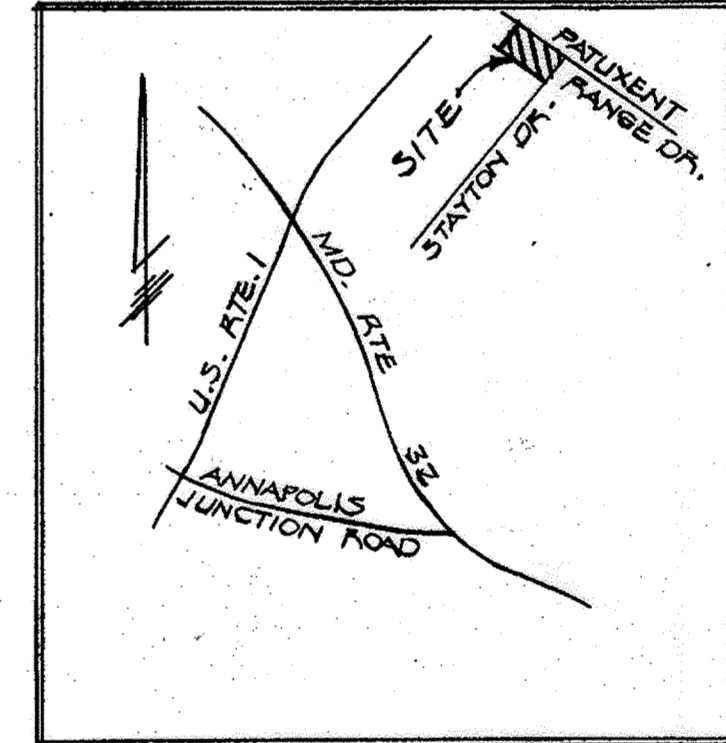
- NOTES:
1. Notify the Howard County Bureau of Inspection & Permits @ least 24 hours before starting work.
  2. All sediment control devices are to remain in place until permission for removal has been obtained from the Howard County Bureau of Inspection and permits.
  3. Structural measures such as berms, dikes, traps, basins, etc. will be installed & stabilized according to the plan prior to any disturbance of the existing surface of the site.
  4. On site inspection and maintenance of all sediment control measures including cleanout of traps and berms & proper establishment of all planned vegetative measures will be the responsibility of the developer or his representative on the site on a continuing day to day basis.
  5. All construction will be done in accordance with the standards and specifications for soil erosion & sediment control in developing areas.



SITE ANALYSIS  
1. TOTAL AREA = 4.0 AC  
2. AREA TO BE DISTURBED = 4.0 AC.  
3. AREA TO BE PAVED OR ROOFED = 2.8 AC  
4. AREA TO BE SEEDING = 1.2 AC  
5. AREA LEFT UNDISTURBED = 0.0 AC.



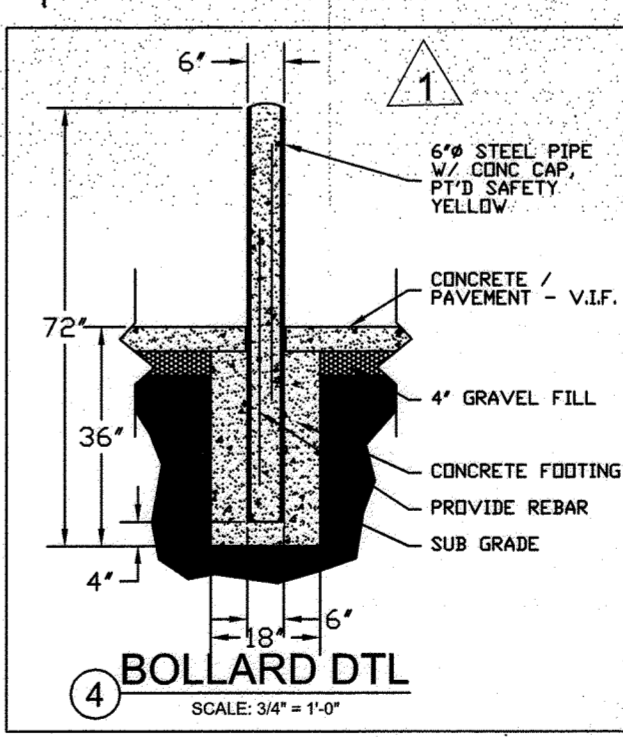
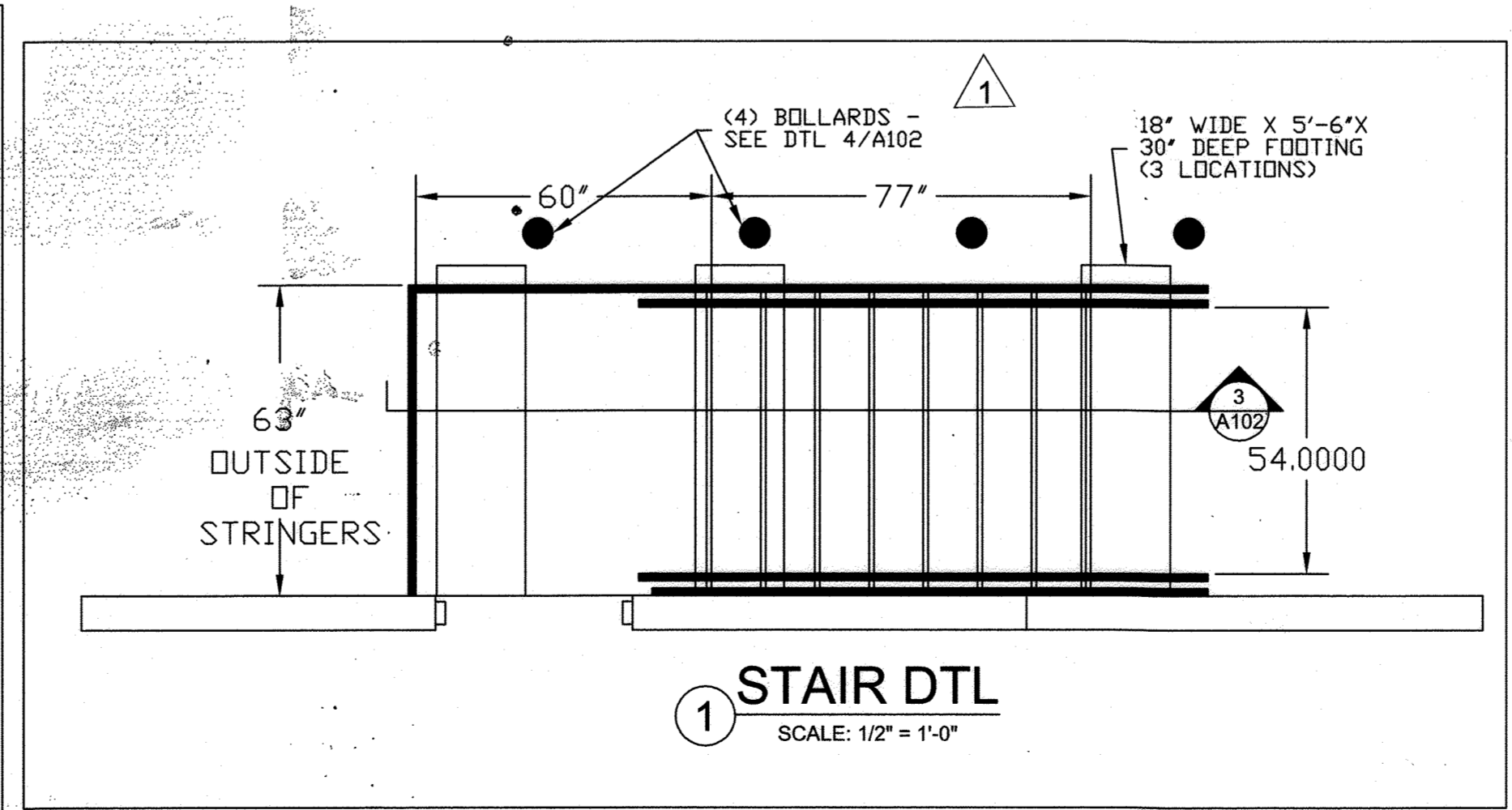
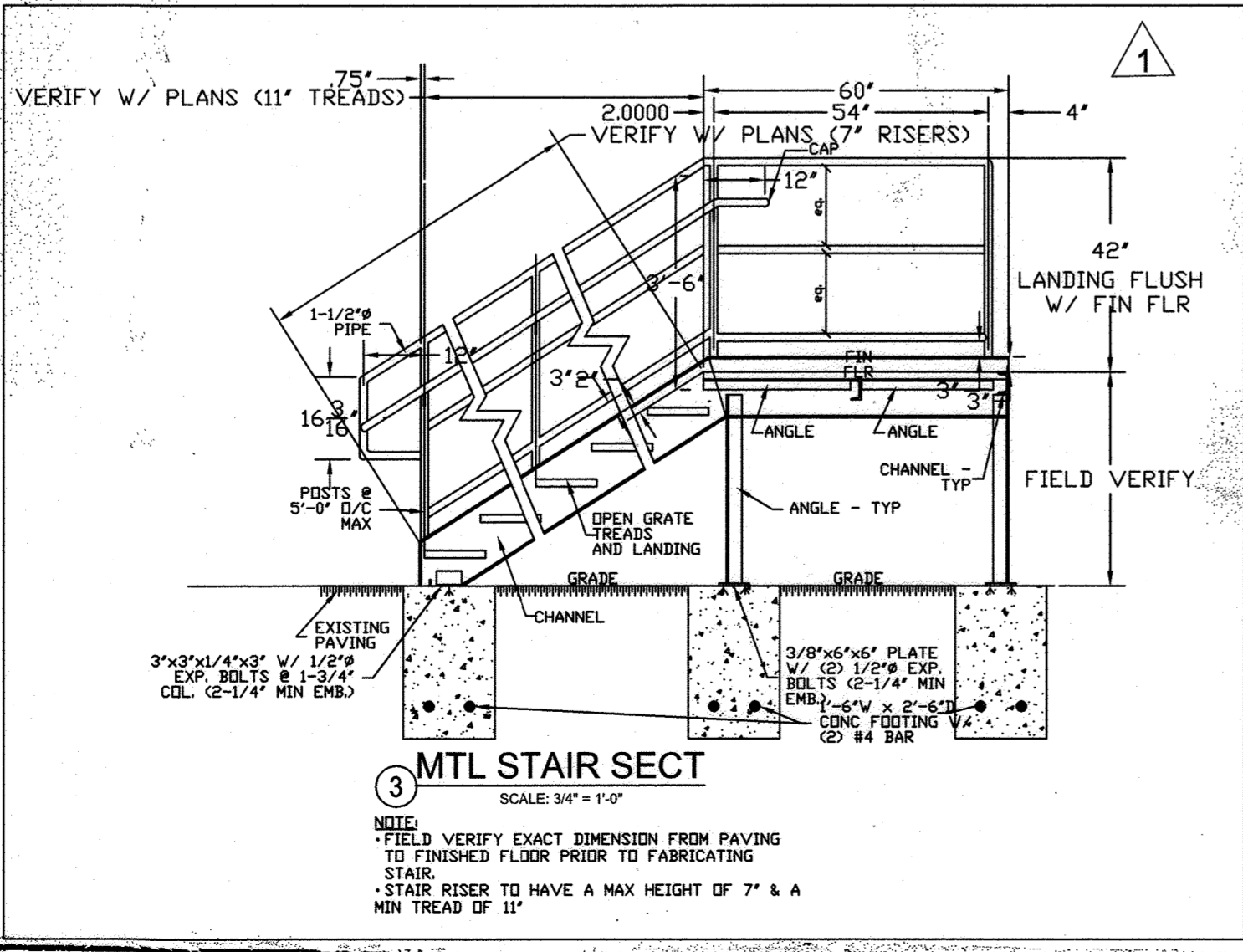
**NOTES:**  
 1. INSTALLATION OF ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES 1971 REV. EDITION  
 2. ALL HANDICAPPED SPACES SHALL BE CLEARLY WITH SIGN AS SHOWN ON THIS SHEET. LOCATION SHOWN THIS # ALL SPACES 12' X 18'  
 3. THIS PLAN IS NOT AFFECTED BY A 100 YR. FLOOD PLAIN.  
 4. ALL MATERIALS & CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD CO. ROAD CONSTRUCTION CODE.  
 5. ANY DAMAGE TO THE COUNTY RIGHT-OF-WAY OR PAVING WILL BE CONNECTED AT THE DEVELOPER'S EXPENSE.  
 6. NO RETAIL SALE PERMITTED.



**SITE ANALYSIS**  
 1. AREA OF TRACT = 4.013 AC ±  
 2. ZONING - M-Z  
 3. FLOOR AREA = 70,800 SF = 40.4%  
 4. GREEN SPACE = 1.1 AC = 27%  
 5. PARKING REQUIREMENTS:  
 WAREHOUSE - 30 EMP/7 = 15 SP.  
 OFFICE - 30 EMP/0.7 = 21 SP.  
 TOTAL REQUIRED = 36 SP.  
 TOTAL PROVIDED = 46 SP.

**Professional Certification**  
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.  
 License No.: 22538  
 Expiration Date: 11-24-23  
 GEOFFREY LIN OMERO  
 No. 22538

NO.	DATE	REVISION	BY
1	5/19/22	ADDED METAL STAIR TO SOUTHEAST CORNER OF BUILDING FOR REQUIRED EGRESS. RELOCATE RAMP.	GLC



**APPROVED**  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE **6-18-82**

ENGINEER HUDKIN'S ASSOC., INC.  
 101 SHELL BUILDING  
 200E. JOPPA ROAD  
 TOWSON, MARYLAND 21204

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPT.  
 HOWARD COUNTY HEALTH DEPT OFFICER *James H. Brown* DATE **7-19-82**

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.  
 William T. Rowe DATE **6-28-82**  
 HOWARD S.C.D. DATE

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS

*James M. Hahn* DATE **6/28/82**  
 U.S. SOIL CONSERVATION SERVICE DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*James M. Hahn* DATE **7-23-82**  
 DIRECTOR DATE  
*John W. Muschman* DATE **7-25-82**  
 CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE & STORM DRAINAGE SYSTEMS & PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*James H. Brown* DATE **7/14/82**  
 DIRECTOR DATE  
*Allen S. Brown* DATE **7/14/82**  
 CHIEF, BUREAU OF ENGINEERING DATE

**DEVELOPER**  
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL & THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT & EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.  
*Donald J. Taylor* DATE **11-29-81**  
 SIGNATURE DATE

**ENGINEER**  
 I CERTIFY THAT THE PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PROFESSIONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.  
*Howard H. Hahn PE#1395* DATE **5/19/82**  
 SIGNATURE DATE

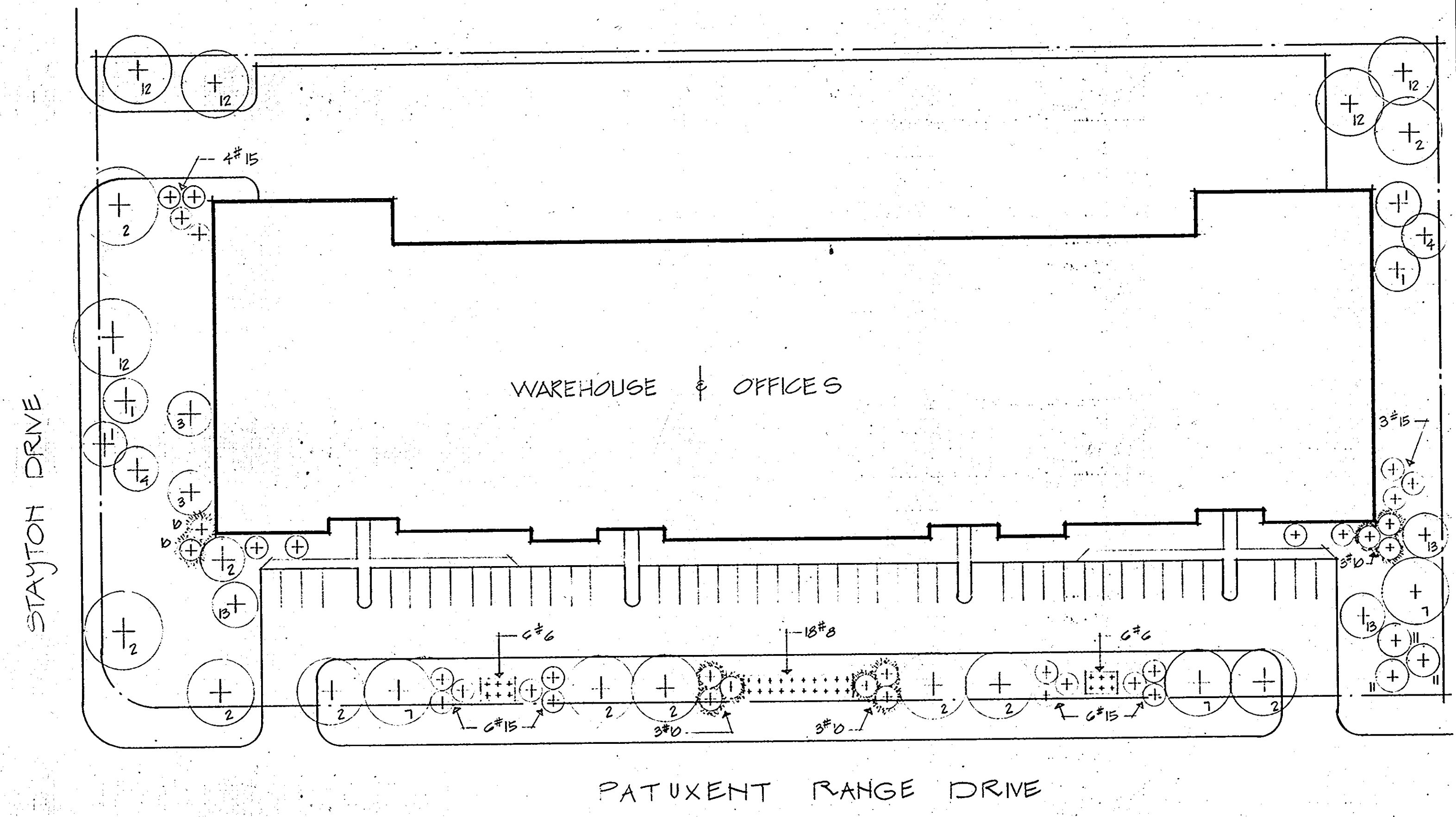
**DEVELOPER**  
 TRANMELL CROW CO.  
 6000 EXECUTIVE BLVD.  
 ROCKVILLE, MD. 20852

**ARCHITECT**  
 ROBERT T. HOFMANN & ASSOCIATES, INC.  
 679 OXFORD BUILDING MD. EXECUTIVE PARK  
 TOWSON, MD. 21204

**OWNER**  
 BWIP, INC.  
 110 WEST ROAD  
 TOWSON, MD. 21204

BALTIMORE-WASHINGTON INDUSTRIAL PARK  
 SECTION I-BLOCK X-PARCEL D  
 FLAT NO. 3401  
 ELECTION DISTRICT 6 HOWARD COUNTY, MARYLAND

**DRAINAGE AREA MAP** **SOP-82-93** **4 OF 5**



PLANT LIST

KEY #	NAME	TYPE	SIZE	QUANT.	BALL DIA.
1	ACER GINNALA AMUR MAPLE	MAJ. DEC. T.	8' HT.	4	22"
2	ACER RUBRUM 'OCTOBER GLORY' OCTOBER GLORY MAPLE	MAJ. DEC. T.	2" CAL.	11	24"
3	CORNUS KOUSA KOUSA (CHINESE) DOGWOOD	MAJ. DEC. T.	8' HT.	2	22"
4	CRATAEGUS PHAENOPYRUM WASHINGTON HAWTHORN		8' HT.	4	22"
5	EVONYMUS ALATUS COMPACTUS DWARF WINGED EVONYMUS	DEC. SH.	2 1/2' HT.	94	12"
6	LIGUSTRUM OBTUSIFOLIUM REGELIANUM REGEL PRIVET	DEC. SH.	3' SPR.	12	12"
7	KOELKEUTERIA PANICULATA GOLDEN RAIN OR VARNISH TREE		8' HT.	3	22"
8	LONGERA FRAGRANTISSIMA WINTER HONEYSUCKLE		4' HT.	18	14"
9	MALLUS SARGENTI SARGENT CRABAPPLE	MIN. DEC. T.	6' HT.	8	18"
10	PINUS THUNBERGI JAPANESE BLACK PINE	EV. T.	6' HT.	11	22"
11	PYRUS CALLERYANA 'REDSPIRE' REDSPIRE PEAR	MIN. DEC. T.	2" CAL.	9	24"
12	QUERCUS ACUTISSIMA SAWTOOTH OAK	MAJ. DEC. T.	2" CAL.	5	24"
13	STYRAX JAPONICA JAPANESE SNOWBELL		5' HT.	3	12"
14	TAXUS BACCATA REPANDENS SPREADING ENGLISH YEW	EV. SH.	24" SPR.	28	12"
15	VIBURNUM PRUNIFOLIUM BLACKHAW VIBURNUM	LGE. SH.	3 1/2' HT.	19	14"
16	EVONYMUS PATENS (KIATSCHOVICUS) SPREADING EVONYMUS	DEC. SH.	2 1/2' SPR.	48	14"

LANDSCAPE NOTES:  
 ALL PLANTS BALLED & BURLAPPED, NURSERY GROWN, FULL BRANCHED & HEAVY. ALL BALL DEPTHS PER CURRENT A.A.N. STANDARDS. PIT WIDTH = BALL DIA. x 2. PIT DEPTH = BALL DEPTH + 6" MIN. ALL TREE PITS TO BE MULCHED AS SHALL BE. MULCH WITH 3" OF VERMEER OR EQUIVALENT FINE CUT WOOD CHIPS TAN FOOT OR TANBARK. SOIL MIX FOR PITS AND FOR BEDS SHALL BE 12 CU. YD. PRIME AGRICULTURAL TOPSOIL + 200 LBS. DEHYDRATED COV. MANURE + 55 CU. FT. (COMPRESSED VOLUME) SPHAGNUM PEAT. THESE FIGURES INDICATE RATIO OF MATERIALS & NOT TOTAL QUANTITIES. IN LIEU OF THE 55 CU. FT. OF SPHAGNUM PEAT, COMPOSTED DEWATERED SEWAGE SLUDGE INCLUDING 50% BY VOLUME OF WOOD CHIPS IN THE NORMAL COMPLETE TEMPERATURE CHANGE STYLE MAY BE USED AT RATIO OF 4 CU. YD. SLUDGE : 12 CU. YD. TOPSOIL AS THE MIX.

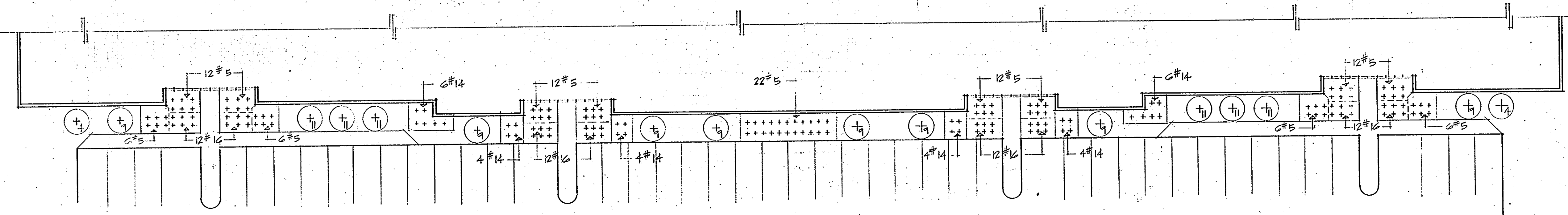
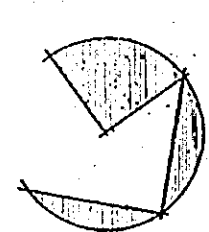
LANDSCAPE ARCHITECT  
 ALLEN EDDY MD REG. NO. 83  
 1609 DOGWOOD HILL ROAD  
 TOWSON, MD. 21204

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 DATE 7-23-82  
 ZONING ADMINISTRATION  
 PLANNING DIRECTOR

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 DATE 7-19-82  
 COUNTY HEALTH OFFICER

APPROVED: FOR PUBLIC WATER, PUBLIC SEWER STORM DRAINAGE SYSTEMS & PUBLIC ROADS HOWARD CO. DEPT. OF PUBLIC WORKS  
 DATE 7/14/82  
 CHIEF, BUREAU OF ENGINEERING

LANDSCAPE PLAN scale: 1" : 40'



PART. LANDSCAPE PLAN scale: 1" : 20'

APPROVED  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 6-18-82

OWNER & DEVELOPER  
 TRAMMELL CROW COMPANY  
 6000 EXECUTIVE BLVD. - SUITE 100  
 ROCKVILLE, MARYLAND 20852

ARCHITECT  
 ROBERT T. HOFMANN AND ASSOCIATES, INC.  
 619 OXFORD BLDG. MARYLAND EXECUTIVE PARK  
 TOWSON, MARYLAND 21204

warehouse and office building  
 BALTIMORE WASHINGTON #5

Baltimore Washington Industrial Park  
 Parcel D Block A SECTION 1  
 Election District No. 6  
 Howard County, Maryland

LANDSCAPE PLANS



scale: AS NOTED  
 comm. no.: 61-80  
 date: DEC. 30, 1981