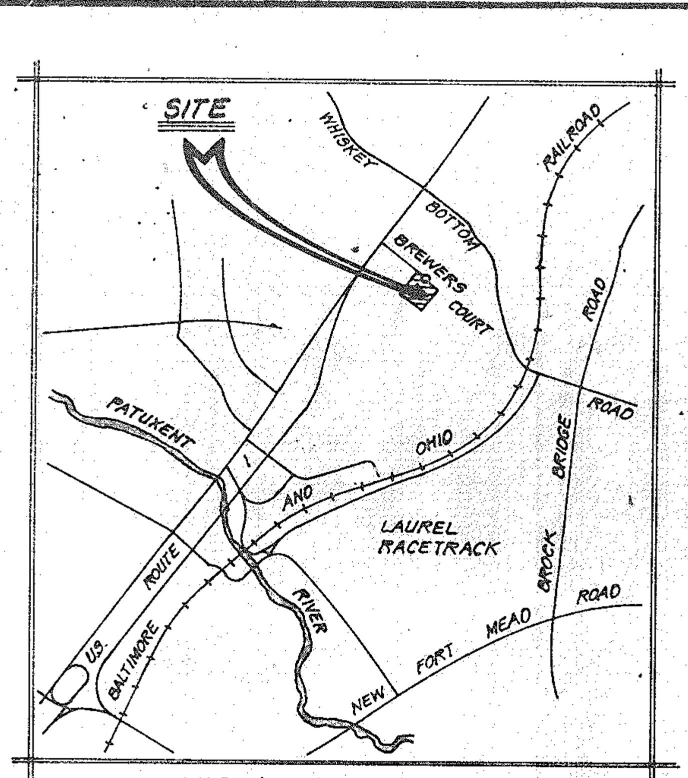


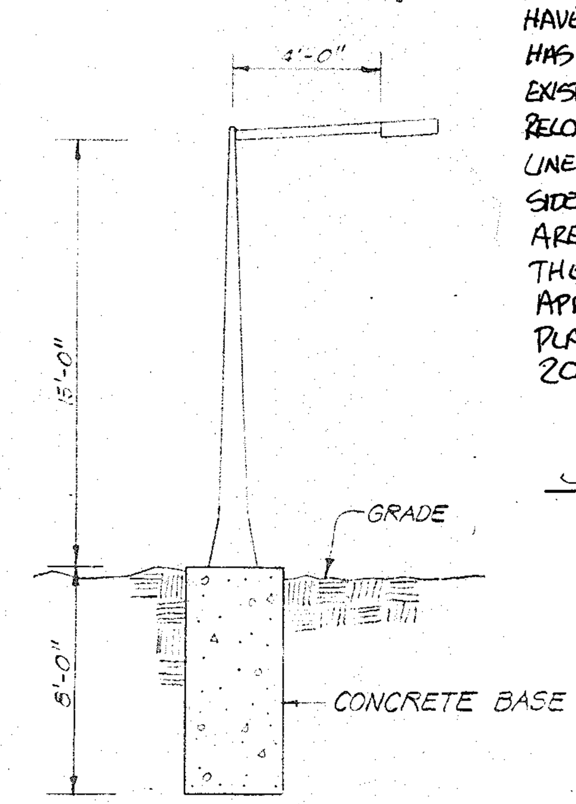
VICINITY MAP
SCALE: 1" = 2000'

7 THE PURPOSE OF THIS REVISED PLAN IS TO SHOW THE REMOVAL AND REPLACEMENT OF THE EXISTING GENERATOR AND PAD, WITH TWO PROPOSED 12'X23'8" GENERATOR PADS THAT WILL SUPPORT TWO 10'X21'8" GENERATORS. BOTH ARE SITUATED ON THE SOUTHEAST SIDE OF THE BUILDING. THE NEW GENERATORS DO NOT EXCEED 12'6" IN HEIGHT.

9/3/2013
STEVEN W. JONES
PROFESSIONAL LAND SURVEYOR
MD LIC No 21072 EXP 2/8/2015

5 ADDITIONS AND REVISIONS WERE MADE TO THE SITE PLAN INCLUDING REVISING GENERAL NOTE 8, THE ASPHALT PARKING AREA AND STRIPING HAVE BEEN UPDATED. A PROPOSED ELECTRIC SLIDING GATE HAS BEEN ADDED TO THE NORTH AND WEST OF THE BUILDING. THE EXISTING GENERATOR ON THE NORTH SIDE OF THE BUILDING IS SHOWN RELOCATED TO THE SOUTH OF THE BUILDING. A PROPOSED PROPANE LINE FROM THE PROPANE TANK TO THE ANTENNA PAD ON THE EAST SIDE OF THE PARKING LOT HAS ALSO BEEN ADDED. ALL CHANGES ARE MINOR IN NATURE AND CONSISTENT WITH THE RED-LINE REVISION PROCESS AND APPROVED BY THE DEPARTMENT OF PLANNING AND ZONING ON AUGUST 26, 2008.

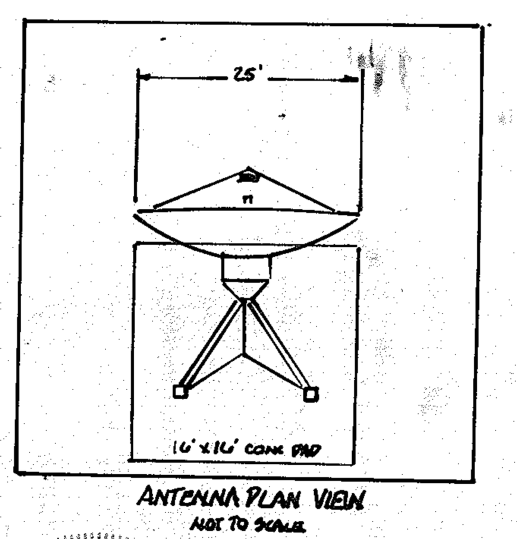
9/5/08
STEVEN W. JONES
PROFESSIONAL LAND SURVEYOR
MD LICENSE NO. 21072



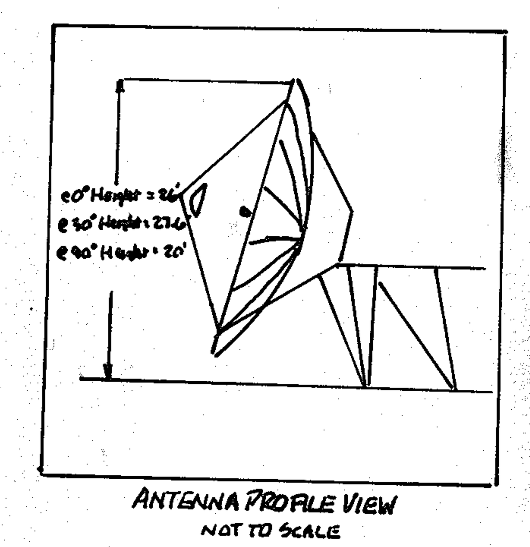
LUMINARE & POLE DETAIL

TYPE	MANUFACTURER & CAT. NO.	LAMP	VOLTS	MOUNTING	REMARKS
A	LIGHTOLIER #ADB551	IH37KC 250/DX	120 V	SINGLE ARM BLE LIGHTOWER STE 2506	15' HIGH POLE ON 8' CONCRETE BASE
B	VERAFLOOD I BY G.E. #C875G016	33-22 H175/DX	120 V	SURFACE MOUNTED	SECURITY LIGHTING

3/8/07
STEVEN W. JONES
PROFESSIONAL LAND SURVEYOR
MD LICENSE NO 21072



ANTENNA PLAN VIEW
NOT TO SCALE



ANTENNA PROFILE VIEW
NOT TO SCALE

SCALE 1" = 30'

6 THE PURPOSE OF THIS PLAN IS TO SHOW THE ADDITION OF TWO 9'X14' CONCRETE PADS THAT WILL SUPPORT ONE PRECAST COMMUNICATIONS STRUCTURE EACH. THE FIRST IS SITUATED ALONG THE NORTH PROPERTY LINE AND THE SECOND NEAR THE EAST CORNER. A 4' CONNECTING SIDEWALK IS ALSO PROPOSED BY THIS PLAN EXTENDING WEST FROM BREWERS COURT TO THE EXISTING PARKING LOT. A NEW SECURITY GATE WILL BE INSTALLED IN THE EXISTING FENCE.

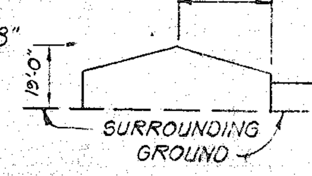
E 5,900
N 2,750

6/23/11
STEVEN W. JONES
PROFESSIONAL LAND SURVEYOR
MD LIC. No. 21072
EXPIRES 2-8-2013

BITUMINOUS CONCRETE SURFACE	1½" BAND C-3
BITUMINOUS CONCRETE BINDER	5" GRAVEL
CRUSHER RUN BASE	6"

TYPICAL PAVING SECTION FOR DRIVEWAYS & PARKING LOTS
NO SCALE
1. STD. D-8 PAGE 63 - TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.
2. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 AS PROVIDED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
3. TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
4. TYPICAL PAVING SECTION FOR DRIVEWAYS AND PARKING AREA.

GENERAL NOTES:
1. ZONING — CE-CLI
2. BUILDING DIMENSIONS - 120'-0" x 146'-8"
3. BUILDING HEIGHT 19'-0" TO PEAK



4. TELECOMUNICATIONS TELEPORT, WITH 10 EMPLOYEES - NO ON-SITE FOOD SERVICE OR RETAIL SALES
5. ALL OPEN AREA W/IN PROPERTY BOUNDRY TO BE MAINTAINED BY OWNER
6. ALL 2:1 SLOPES SHALL BE SEEDED AS NOTED ON SEDIMENT PLAN
7. RECORDING REFERENCE PLAT 3715 F-81-025 PARCEL E PLAT No 4756
8. PARKING REQUIRED / SHOWN 10/34 SEC 133.D.5a
9. TOTAL LOT AREA PARCEL E-1 2.753 Acres
10. (H) HANDICAPPED STALLS
11. MIN. GREEN SPACE SHOWN 40%
12. ✱ INDICATES WHITE PINE - MIN 2½" Cal. (NUMBER SHOWN 8)
13. ALL EXISTING CONCRETE PADS ARE BASE FOUNDATIONS FOR SATELLITE COMMUNICATIONS DISH ANTENNAS.

E 5450
N 2,450

NOTES (CONT'D)

4. ADDITIONS AND REVISIONS WERE MADE TO THE SITE PLAN INCLUDING REVISING GENERAL NOTES 4, 7, 8, 9 AND ADDING NOTE 13. THE OWNER HAS BEEN UPDATED, PARCEL TAX MAP AND GRID INFO HAVE BEEN UPDATED, THE OLD NORTHWESTERN PROPERTY LINE FOR PARCEL E HAS BEEN REMOVED. STRIPED PARKING SPACES HAVE BEEN ADDED. THE PROPOSED CONCRETE PAD SOUTH AND EAST OF THE LOADING DOCK HAS BEEN ADDED WITH TIES TO THE PROPERTY LINES AND TWO ANTENNA DETAILS HAVE BEEN ADDED. ALL CHANGES ARE CONSISTENT WITH AGENCY COMMENTS AND WERE ADDED MARCH 8, 2007. SWJ

REVISIONS REFLECT IMPROVEMENTS TO ORIGINAL PLANS, AS OF AUGUST 27, 2004

PROPOSED CONCRETE PAD ADDED 11-16-05
ADDRESSED AGENCY COMMENTS FROM 12-28-06

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEATH DEPARTMENT.	
COUNTY HEALTH OFFICER	4-26-79 DATE
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING	
PLANNING DIRECTOR	4-30-79 DATE
CHIEF, DIVISION OF LAND DEVELOPMENT	4 27 79 DATE
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
DIRECTOR	4-25-79 DATE
CHIEF, BUREAU OF HIGHWAYS	4-25-79 DATE

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.	
C. Wayne Ray — US SOIL CONSERVATION SERVICE	4/18/79 DATE
THIS DEVELOPMENT PLAN IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.	
Robert W. Ziehm — HOWARD SOIL CONSERVATION DISTRICT	4/18/79 DATE

CHARLES P. JOHNSON & ASSOC
FORMERLY JOHNSON McCORDIC & THOMPSON
1751 ELTON ROAD SILVER SPRING MD 20903
301 434 7000

✱ REVISED ENTERANCE,
PARKING & PAVEMENT LOCATIONS
OWNER: GLOBECOMM SERVICES MD LLC
9898 BREWERS COURT
LAUREL MD 20723 301 490 6414

✱ REVISIONS
APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 4-17-79

NOTES:
1. BASED ON A LETTER DATED APRIL 13, 2004, FROM CINDY HAMILTON CHIEF, DIVISION OF LAND DEVELOPMENT WAIVER PETITION WP-04-112 WAS APPROVED. IT WAIVED SECTION 16.155.A.(1), WHICH REQUIRES APPROVAL OF A SITE DEVELOPMENT PLAN FOR EXPANSION OF NON-RESIDENTIAL USES, TO ALLOW INSTALLATION OF TWO 9-METER DIAMETER DISHES AND TWO 5.8 METER DISHES ON THIS SITE. 1) SUBJECT TO REDLINING THIS PLAN TO INCLUDE THE NEW BOUNDARY OF PARCEL E-1, AND TO REVISE ALL NOTES AND LABELS ACCORDINGLY; 2) NEW DISHES MUST COMPLY WITH 50' FRONT SETBACK; AND 3) APPLY AND OBTAIN ALL NECESSARY PERMITS.
2. THE PERMIT APPLICATION DEADLINE SHALL EXPIRE ON AUGUST 16, 2007 (WHICH IS ONE YEAR FROM THE DATE OF THE DEVELOPMENT ENGINEERING DIVISION'S LETTER APPROVING THE RED-LINE SIGNED BY CHARLES F. DAMMERS CHIEF, DEVELOPMENT ENGINEERING DIVISION - ITEMS MARKED HEREON AS "PROPOSED" ARE THE INTENDED LOCATIONS OF THE SAID DISHES.
3. THESE REVISION NOTES AND PLAN REVISIONS WERE ADDED ON OCTOBER 31, 2006. SWJ AND AGAIN ON 11-15-06 SWJ

4-10-79

JOHNSON - McCORDIC - THOMPSON, P.A.
ENGINEERS • PLANNERS • SURVEYORS
1620 ELTON ROAD SILVER SPRING, MD.
434-7000 20903

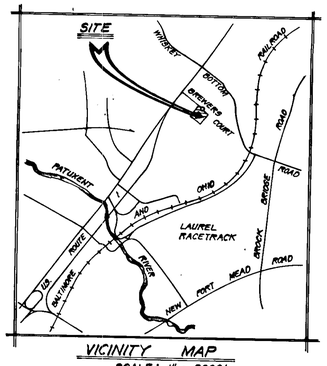
SITE DEVELOPMENT AND STORM DRAINAGE PLAN
PARCEL E-1
WHISKEY BOTTOM INDUSTRIAL PARK
6TH ELECTION DISTRICT HOWARD COUNTY MARYLAND TAX MAP 50 GRID 4 P. 489

OWNER: ~~LYMAN MARYLAND PROPERTIES INC ATTN: MATHEW LYMAN 10288 SOUTH JORDAN GATEWAY SUITE K SOUTH JORDAN UT 84095 801-501-9090~~

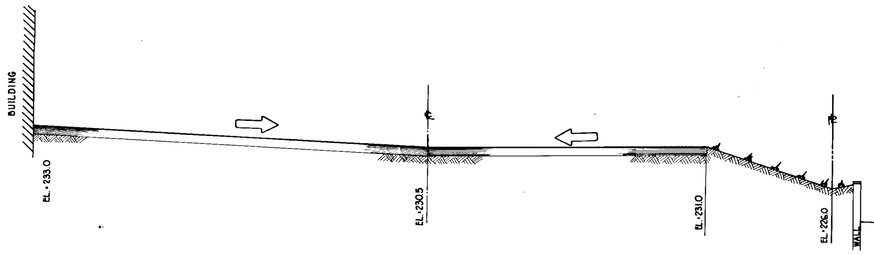
DESIGN W.A.J. & D.H.L	SHEET 1 OF 4	
DRAFT D.M.C	DATE: AUG. 1977	JOB NO: 7-085-20-21-24
APPROVED RRC	SCALE: 1"=30'	FILE NO: 7-085-21 8

A&E 9370

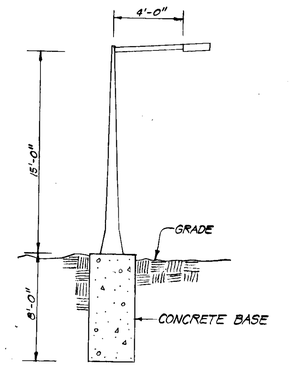
File copy SDP-78-24 REVISED



VICINITY MAP
SCALE: 1" = 2000'



SECTION A-A
HORIZONTAL SCALE: 1" = 10'0"
VERTICAL SCALE: 1" = 10'0"



LUMINARE & POLE DETAIL

TYPE	MANUFACTURER & CAT. NO.	LAMP	VOLTS	MOUNTING	REMARKS
A	LIGHTOLIER #AD855II	IH37KC 250/DX	120 V	SINGLE ARM BLE LIGHTOWER STE 250G	15' HIGH POLE ON 8' CONCRETE BASE
B	VERAFLOOD I BY G.E. #C878G016	30-22 H175/DX	120 V	SURFACE MOUNTED	SECURITY LIGHTING

E 5450
N 2450

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

COUNTY HEALTH OFFICER — 1-24-78 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

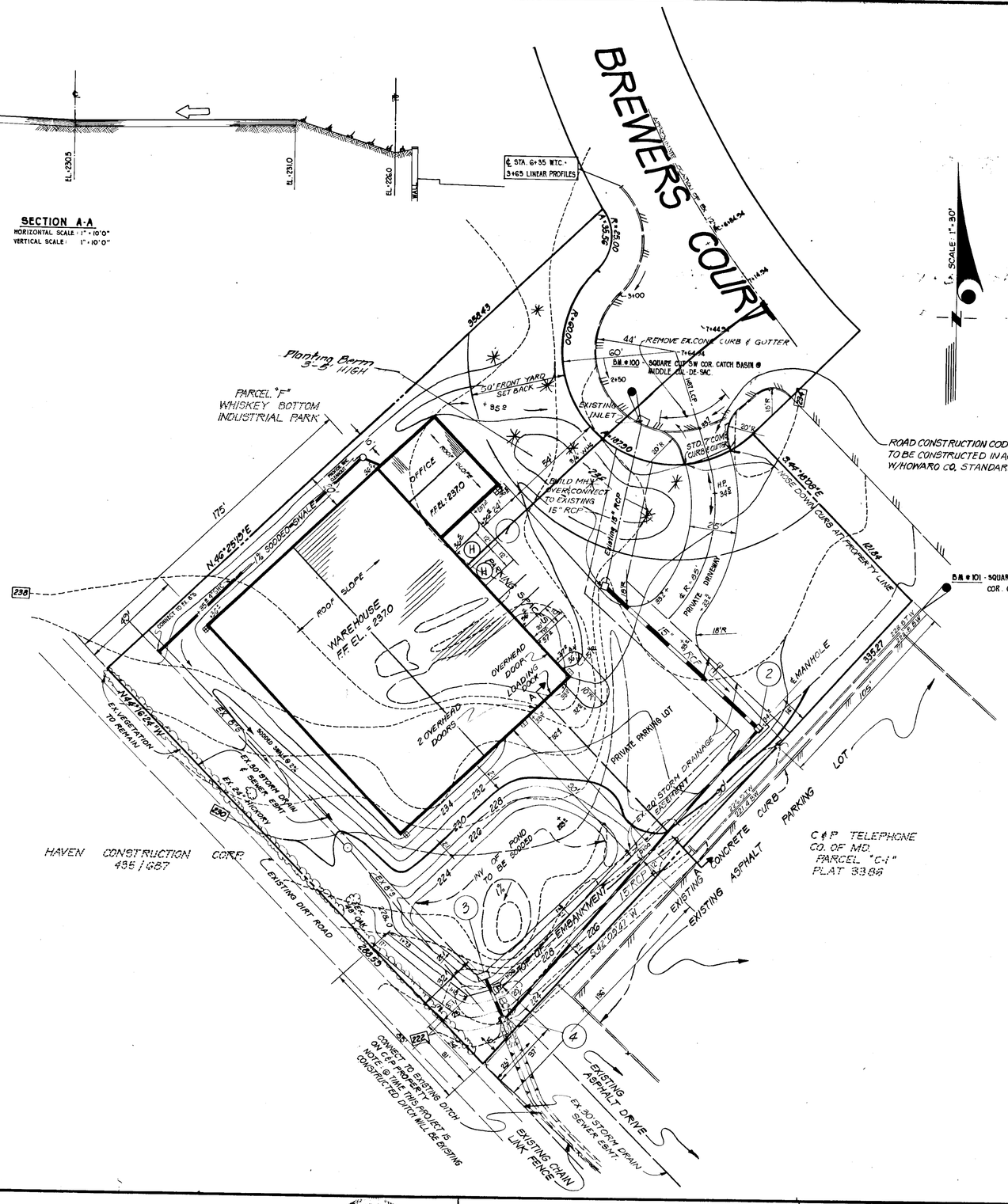
PLANNING DIRECTOR — 1-26-78 DATE

CHIEF, DIVISION OF LAND DEVELOPMENT — 1/26/78 DATE

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

DIRECTOR — 1/18/78 DATE

CHIEF, BUREAU OF HIGHWAYS — 1-13-78 DATE



ROAD CONSTRUCTION CODE TO BE CONSTRUCTED IN ACCOROANCE W/HOWARD CO. STANDARDS & SPECS.

BITUMINOUS CONCRETE SURFACE	1½" BAND C-3
BITUMINOUS CONCRETE BINDER	5" GRAVEL
CRUSHER RUN BASE	6"

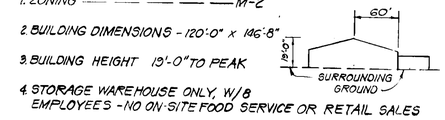
TYPICAL PAVING SECTION FOR DRIVEWAYS & PARKING LOTS

NO SCALE

1. STD. 9-8 PAGE 63 - TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.
2. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 AS PROVIDED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
3. TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
4. TYPICAL PAVING SECTION FOR DRIVEWAYS AND PARKING AREA.

GENERAL NOTES:

1. ZONING ——— M-2
2. BUILDING DIMENSIONS - 120'-0" x 146'-8"
3. BUILDING HEIGHT 19'-0" TO PEAK
4. STORAGE WAREHOUSE ONLY, W/8 EMPLOYEES - NO ON-SITE FOOD SERVICE OR RETAIL SALES
5. ALL OPEN AREA W/IN PROPERTY BOUNDRY TO BE MAINTAINED BY OWNER
6. ALL 2:1 SLOPES SHALL BE SEEDED AS NOTED ON SEDIMENT PLAN
7. RECORDING REFERENCE PLAT 3715
8. PARKING REQUIRED / SHOWN 4/6
9. TOTAL LOT AREA 2.0 ACRES
10. (H) HANDICAPPED STALLS
11. MIN. GREEN SPACE SHOWN 20%
12. * INDICATES WHITE PINE-MIN 2½" Cal. (NUMBER SHOWN 8)



APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 12-7-77

* SEE REVISED SHEET 1 OF 4 (REVISED ENTRANCE / PAVING)

COMMONWEALTH OF MARYLAND — MICHAEL WILLIAM MCCORDIC — No. 5351 — REGISTERED PROFESSIONAL ENGINEER — 3/22/77

JOHNSON - McCORDIC - THOMPSON, P.A.
ENGINEERS • PLANNERS • SURVEYORS
1620 ELTON ROAD — SILVER SPRING, MD. 20903
434-7000

SITE DEVELOPMENT AND STORM DRAINAGE PLAN
PARCEL "E"
WHISKEY BOTTOM INDUSTRIAL PARK
6TH ELECTION DISTRICT HOWARD COUNTY TAX MAP MARYLAND

OWNER: RALPH SOBEL
11406 OLD BALTIMORE PIKE
BELTSVILLE, MD. 20705

DESIGN W.M.J. & O.M.L.	SHEET 2 OF 4 *	
DRAFT O.M.C.	DATE: AUG. 1977	JOB NO: 7-085-20-21-24
APPROVED	SCALE: 1"=30'	FILE NO: 7-085-218

SDP-78-24 *

A & E 9370

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

C. Wayne Ray — 1-3-78
US SOIL CONSERVATION SERVICE — DATE

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

Wes Ehrp — 1-3-78
HOWARD SOIL CONSERVATION DISTRICT — DATE

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

[signature] — 1-24-78
COUNTY HEALTH OFFICER — DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

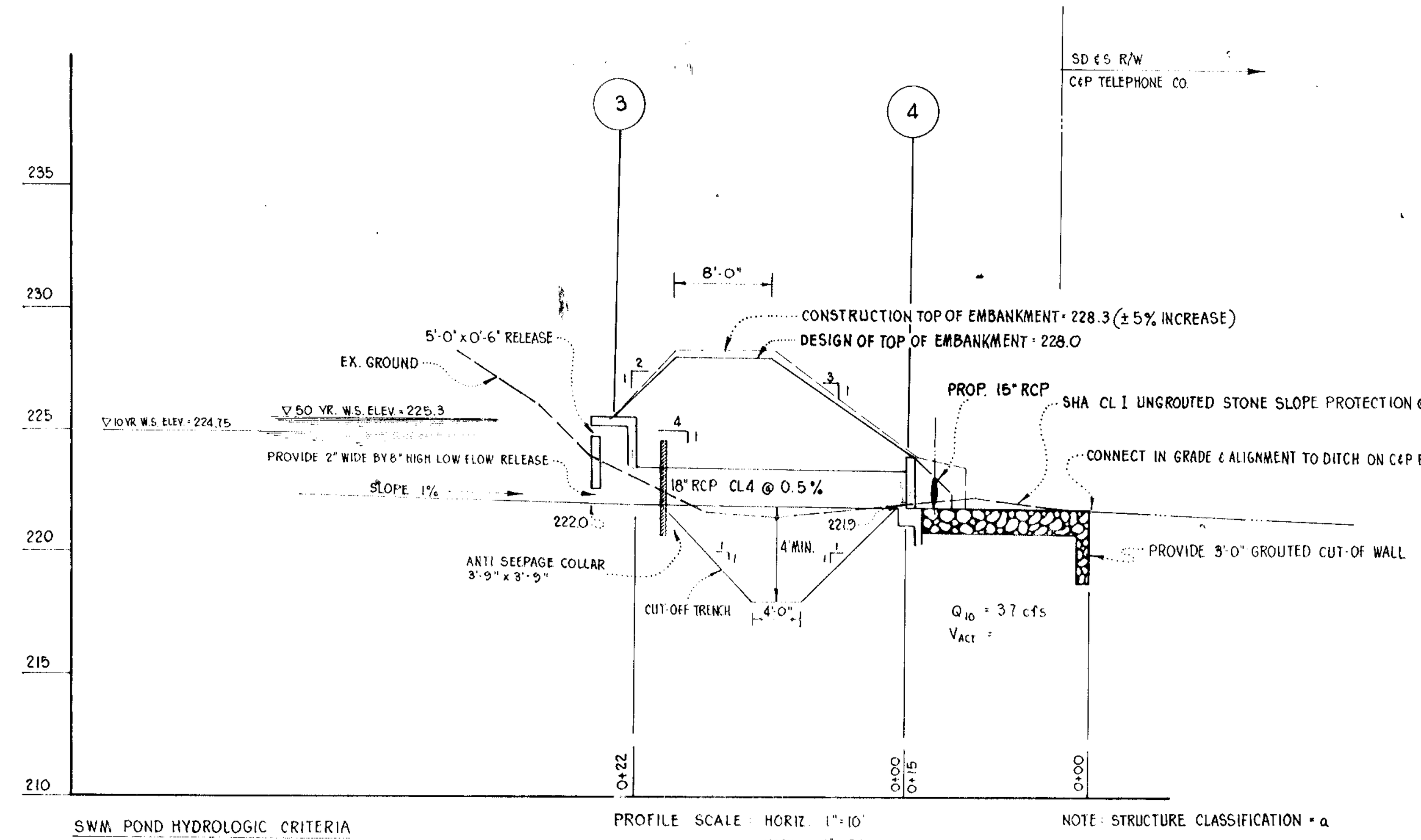
PLANNING DIRECTOR — DATE

CHIEF DIVISION OF LAND DEVELOPMENT — DATE

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

DIRECTOR — DATE

CHIEF BUREAU OF HIGHWAYS — DATE '78

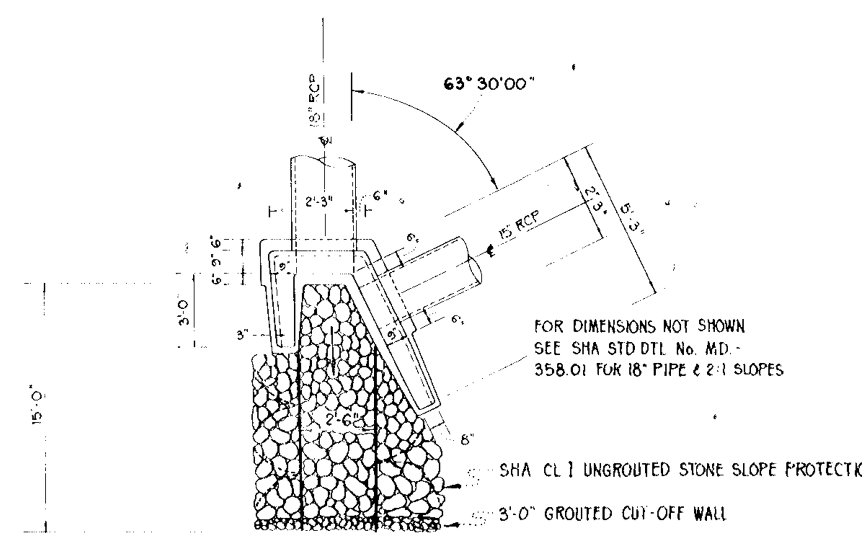


PROFILE SCALE: HORIZ. 1" = 10' VERT. 1" = 5'

NOTE: STRUCTURE CLASSIFICATION = a

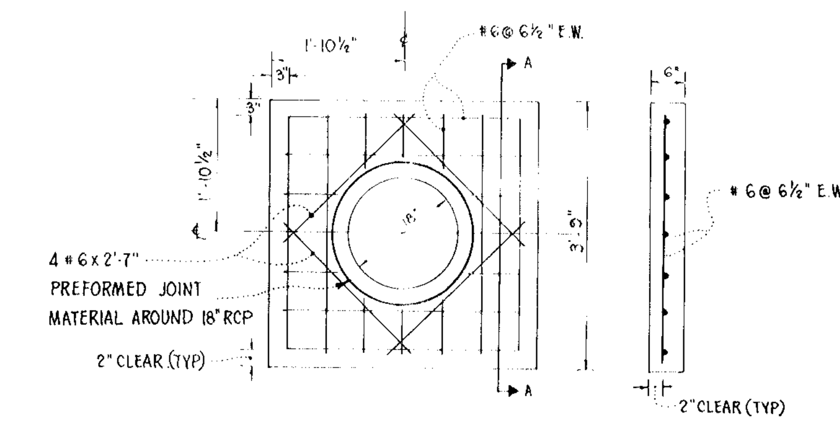
SWM POND HYDROLOGIC CRITERIA

1. DESIGN STORM: 2 YR EXISTING RELEASE / 10 YR DEVELOPED STORAGE
2. EX. 2 YR. Q = 0.8 cfs
3. DEVELOPED 10 YR Q = 15.7 cfs / V_R = 24,500 cf → V_S = 11,660 cf
4. DEVELOPED 50 YR Q = 21.2 cfs / V_R = 33,220 cf → V_S 15,100 cf



DETAIL STRUCTURE No. 4

(NO SCALE)



DETAIL ANTI-SEEPAGE COLLAR

SCALE: ½" = 1'-0"

CONSTRUCTION SPECIFICATIONS

I. SITE PREPARATION

AREAS UNDER THE EMBANKMENT AND STRUCTURAL WORKS SHALL BE CLEARED GRUBBED AND THE TOPSOIL STRIPPED TO REMOVE ALL TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIAL. TO FACILITATE CLEAN OUT AND RESTORATION, IT IS RECOMMENDED THAT THE PERMANENT POOL AREA BE CLEARED OF ALL BRUSH AND TREES.

II. EARTH FILL

MATERIAL

THE FILL MATERIAL SHALL BE TAKEN FROM APPROVED DESIGNATED BORROW AREA OR AREAS. IT SHALL BE FREE FROM ROOTS, STUMPS, WOOD, RUBBISH, OVERSIZE STONES, FROZEN OR OTHER OBJECTIONABLE MATERIALS. THE EMBANKMENT SHALL BE CONSTRUCTED TO AN ELEVATION WHICH PROVIDES FOR ANTICIPATED SETTLEMENT TO THE DESIGN ELEVATION. THE FILL HEIGHT ALL ALONG THE LENGTH OF THE EMBANKMENT SHALL BE INCREASED AT LEAST 10 PERCENT ABOVE THE DESIGN ELEVATION (INCLUDING FREEBOARD) UNLESS OTHERWISE SHOWN ON THE PLANS.

PLACEMENT

AREAS ON WHICH FILL IS TO BE PLACES SHALL BE SCARIFIED PRIOR TO PLACEMENT OF FILL. FILL MATERIALS SHALL BE PLACED IN 8-INCH MAXIMUM THICKNESS (BEFORE COMPACTION) LAYERS WHICH ARE TO BE CONTINUOUS OVER THE ENTIRE LENGTH OF THE FILL. THE MOST POROUS BORROW MATERIAL SHALL BE PLACED IN THE DOWNSTREAM OF THE EMBANKMENT.

COMPACTION

WHEN EACH LAYER OF MATERIAL HAS BEEN CONDITIONED TO HAVE THE SPECIFIED MOISTURE, IT SHALL BE COMPACTED BY PASSING THE TAMPING ROLLER OVER IT 6 TIMES, AND WHEN COMPACTED THE DENSITY SHALL BE ESSENTIALLY UNIFORM THROUGHOUT THE LAYER. IF THE UNCOMPACTED EARTHFILL MATERIAL IS TOO WET FOR PROPER COMPACTION, THE EARTHFILL MATERIAL SHALL BE WORKED WITH HARROW, SCARIFIER, OR OTHER SUITABLE EQUIPMENT TO REDUCE THE MOISTURE CONTENT TO THE AMOUNT SPECIFIED; SHALL BE ALLOWED TO DRY UNTIL SUCH TIME AS THE MATERIAL CONTAINS ONLY THE SPECIFIED MOSITURE CONTENT; OR THE MATERIAL SHALL BE REMOVED FROM THE EMBANKMENT. COMPACTED EARTH MATERIAL HAVING A MOISTURE CONTENT OR DRY DENSITY THAT DO NOT MEET THE CRITERIA SPECIFIED SHALL BE REWORKED AND REROLLED, TO OBTAIN THE SPECIFIED MOISTURE CONTENT AND DRY DENSITY OF EMBANKMENT IN PLACE.

III. CUT-OFF TRENCH

A CUT-OFF TRENCH SHALL BE EXCAVATED ALONG THE CENTERLINE OF EARTH FILL EMBANKMENTS. THE MINIMUM DEPTH SHALL BE FOUR FEET. THE CUT-OFF TRENCH SHALL EXTEND UP BOTH ABUTMENTS TO THE RISER CREST ELEVATION. THE MINIMUM BOTTOM WIDTH SHALL BE FOUR FEET, BUT WIDE ENOUGH TO PERMIT OPERATION OF EXCAVATION AND COMPACTION EQUIPMENT. THE SIDE SLOPES SHALL BE NO STEEPER THAN 1:1. COMPACTION REQUIREMENTS SHALL BE THE SAME AS THOSE FOR THE EMBANKMENT. THE TRENCH SHALL BE DEWATERED DURING THE BACKFILLING-COMPACTING OPERATIONS.

REINFORCED CONCRETE PIPE

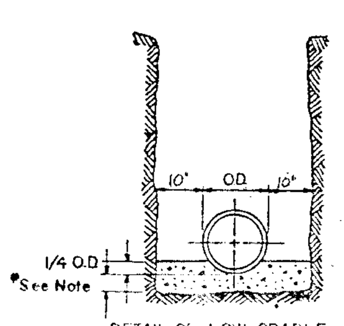
1. MATERIALS - REINFORCED CONCRETE PIPE SHALL HAVE A RUBBER GASKET JOINT AND SHALL EQUAL OR EXCEED ASTM SPECIFICATION C-361. APPROVED EQUIVALENTS ARE AWWA SPECIFICATION C-300, 301, AND 302.
2. BEDDING - ALL REINFORCED CONCRETE PIPE CONDUITS SHALL BE LAID IN A CONCRETE BEDDING FOR THEIR ENTIRE LENGTH. THIS BEDDING SHALL CONSIST OF HIGH SLUMP CONCRETE PLACED UNDER THE PIPE AND UP THE SIDES OF THE PIPE AT LEAST 10% OF ITS DIAMETER WITH A MINIMUM THICKNESS OF 3". W.S.S.C. LOW CRADLE BEDDING IS AN APPROVED EQUIVALENT.
3. LAYING PIPE - BELL AND SPIGOT PIPE SHALL BE PLACED WITH THE BELL END UPSTREAM. JOINTS SHALL BE MADE IN ACCORDANCE WITH RECOMMENDATIONS OF THE MANUFACTURER OF THE MATERIAL. AFTER THE JOINTS ARE SEALED ON THE ENTIRE LINE, THE BEDDING SHALL BE PLACED SO THAT ALL SPACES UNDER THE PIPE ARE FILLED. CARE SHALL BE EXERCISED TO PREVENT ANY DEVIATION FROM THE ORIGINAL LINE AND GRADE OF THE PIPE.
4. BACKFILLING SHALL CONFORM TO STRUCTURAL BACKFILL AS SHOWN ABOVE.
5. OTHER DETAILS (ANTI-SEEP COLLARS, VALVES, ETC.) SHALL BE AS SHOWN ON THE DRAWINGS.

IV. CONCRETE

CONCRETE SHALL MEET MINIMUM REQUIREMENTS SET FORTH IN MARYLAND STATE HIGHWAY ADMINISTRATION SPECIFICATIONS FOR MATERIALS, HIGHWAYS, BRIDGES, AND INCIDENTAL STRUCTURES, ARTICLE 20.07 (PORTLAND CEMENT CONCRETE MIXTURES NO. 2 OR 3).

V. STABILIZATION

ALL BORROW AREAS SHALL BE GRADED TO PROVIDE PROPER DRAINAGE AND LEFT IN A SIGHTLY CONDITION. ALL EXPOSED SURFACES OF THE EMBANKMENT, SPILLWAY AND BORROW AREAS SHALL BE STABILIZED BY SEEDING AND APPLYING STRAW MULCH IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN URBANIZING AREAS IMMEDIATELY AFTER FINISH GRADING.



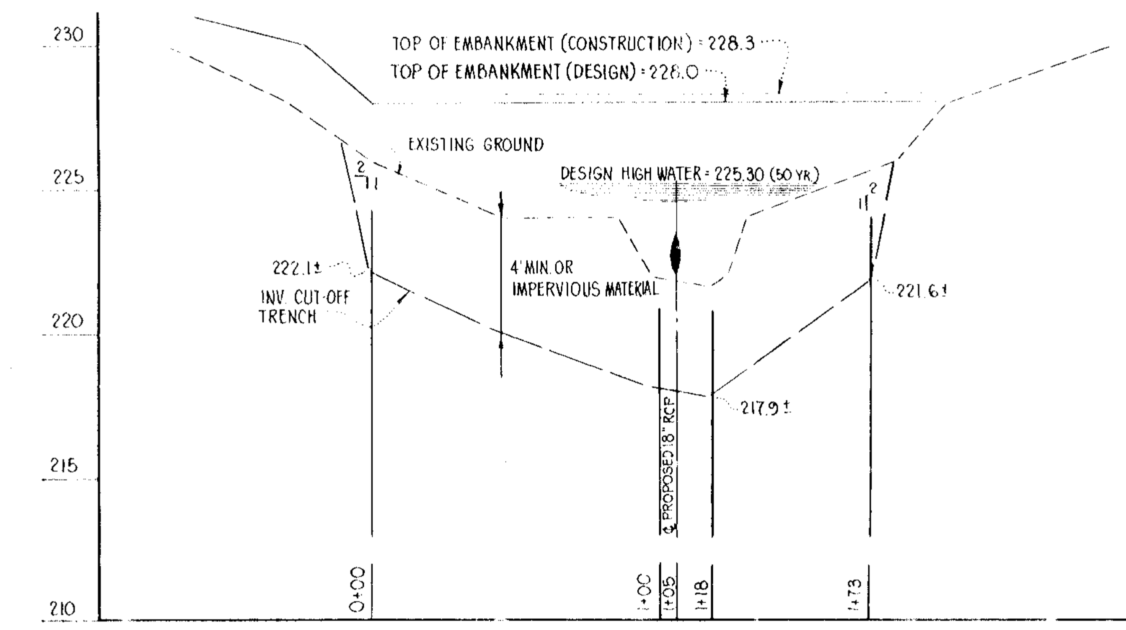
CRADLE DETAIL

No Scale

*Note:
3" Min. for pipes 24" Dia. & smaller.
4" Min. for pipes larger than 24".

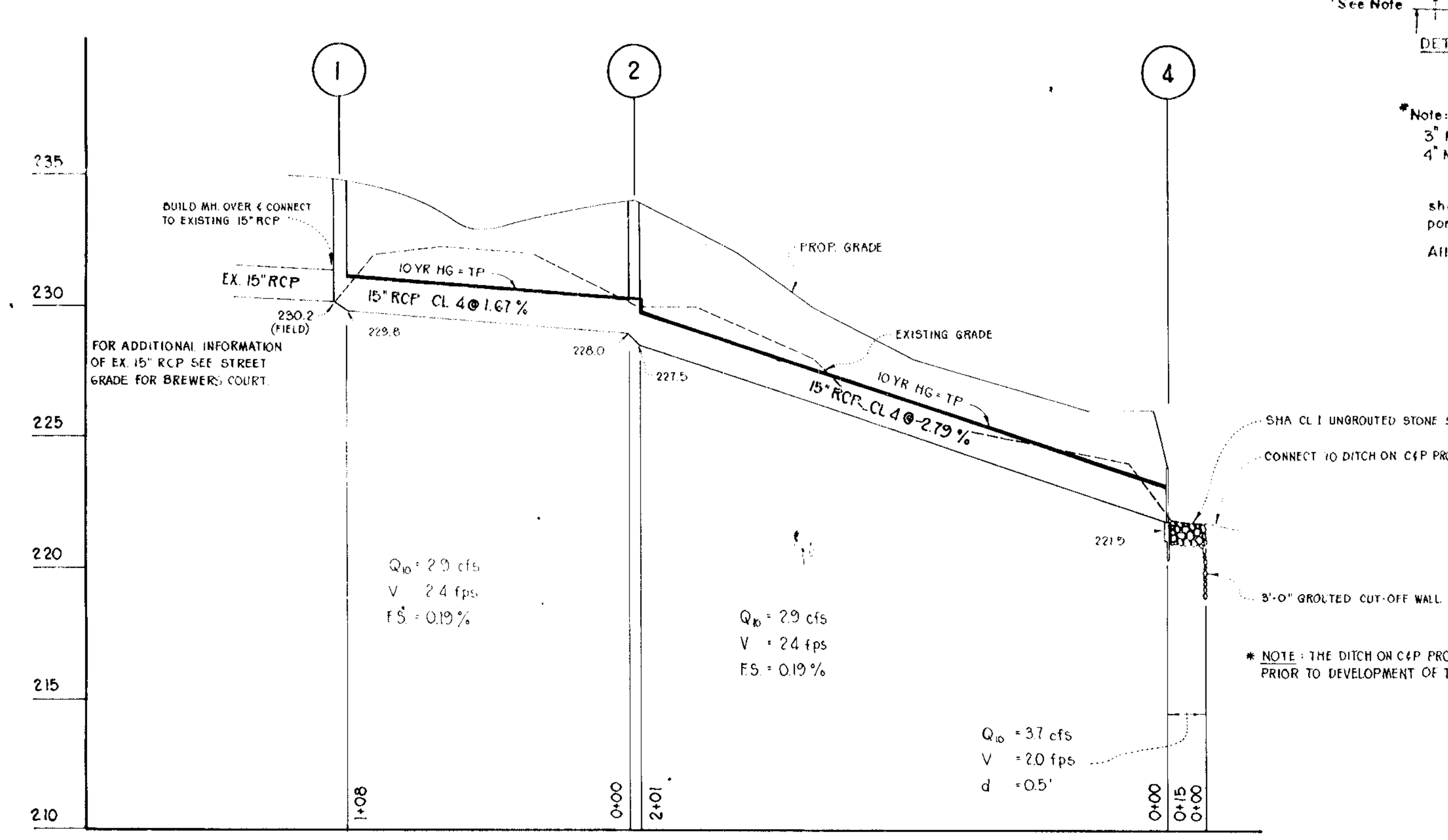
Pour concrete against undisturbed earth. Remove sheeting before pouring concrete or leave lower portion of sheeting in place.

All concrete shall be



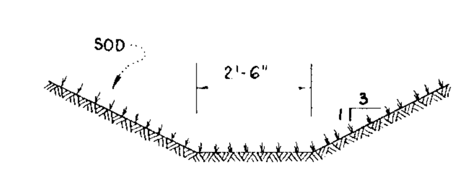
CROSS SECTION EMBANKMENT (LOOKING DOWNSTREAM)

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



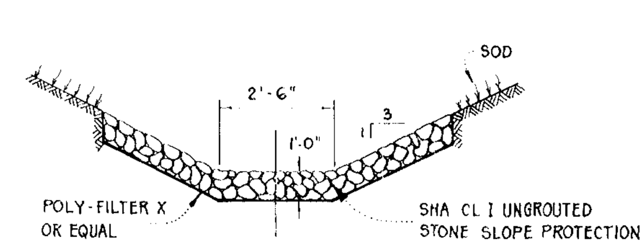
* NOTE: THE DITCH ON C&P PROPERTY WILL BE CONSTRUCTED PRIOR TO DEVELOPMENT OF THIS PROJECT

PROFILE SCALE:
HORIZONTAL: 1" = 5'
VERTICAL: 1" = 50'



DETAIL SOD DITCH TO EXISTING DITCH

(NO SCALE)



DETAIL STONE SLOPE PROTECTION

(NO SCALE)

NO.	TYPE	TOP ELEVATION	REMARKS	INV. IN	INV. OUT
1	"B" MANHOLE	235.1	HOWARD CO. STD. DTL. SSD/9	230.2	229.8
2	"B" MANHOLE	234.0	HOWARD CO. STD. DTL. SSD/9	228.0	227.5
3	A-5 INLET	225.58	HOWARD CO. STD. DTL. 64-A * PG 119-A	222.2	222.2
4	SHA TYPE "F" EW	224.07	MODIFIED SHA STD. DTL. MD 358.01 (SEE ABOVE)	221.9	221.9

STRUCTURE SCHEDULE

* PROVIDE 2" WIDE BY 8" HIGH OPENING IN STRUCTURE No. 3, INVERT OF OPENING TO BE 222.0

PIPE SCHEDULE

SIZE	DESCRIPTION	LENGTH
15"	RCP CL 4	305
18"	RCP CL 4	28

12-7-77

PLAN CERTIFICATION

I hereby certify that the plans and specifications for the proposed small pond were prepared under my supervision, and meet the minimum standards of the Howard Soil Conservation District.

I have also informed the owner of his responsibility to have the construction supervised and certified by a registered professional engineer within thirty (30) days of completion.

Signed: [signature] P.E. Seal

[signature] 12/22/77

NOTE: CONTRACTOR CONSTRUCTING THE EARTHFILL EMBANKMENT SHALL INSURE THAT THE MATERIAL USED WILL PROVIDE ADEQUATE RESULTS WHEN TESTED IN ACCORDANCE WITH ASTM DESIGNATION: D-698-70. COMPACTION SHALL BE 95% AT OPTIMUM MOISTURE CONTENT.

LANDOWNERS CERTIFICATION

I HEREBY CERTIFY THAT ALL WORK WILL BE COMPLETED PURSUANT TO THIS PLAN.

SIGNED: [signature]

NO.	BY	DATE	REVISIONS

MAINTENANCE CERTIFICATION

I HEREBY AGREE TO ASSUME MAINTENANCE RESPONSIBILITIES FOR ALL STORM WATER MANAGEMENT STRUCTURES SHOWN HEREON. IF MAINTENANCE ANCE RESPONSIBILITY IS LEGALLY TRANSFERRED, I AGREE TO SUPPLY THE M.S.C.D WITH A COPY OF THE DOCUMENT (SIGNED BY BOTH PARTIES) TRANSFERRING SAID RESPONSIBILITY.

OWNER: Sobel DATE: 11/1/77

JOHNSON - McCORDIC - THOMPSON, P.A.
ENGINEERS · PLANNERS · SURVEYORS
1620 ELTON ROAD SILVER SPRING, MD.
434-7000 20903

STORM DRAINAGE DETAILS
PARCEL "E"

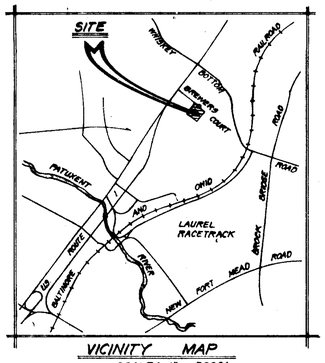
WHISKEY BOTTOM INDUSTRIAL PARK

6TH ELECTION DISTRICT TAX MAP
HOWARD COUNTY · MARYLAND

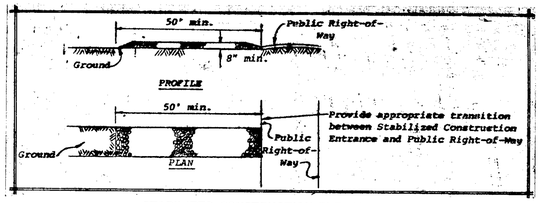
OWNER: RALPH SOBEL
11406 OLD BALTIMORE PIKE
BELTSVILLE, MARYLAND 20705

DESIGN W.A.J. & D.H.L.	SHEET 3 OF 4	
DRAFT	DATE AUG. 1977	JOB NO. 7-085-20-21-24
APPROVED	SCALE AS NOTED	FILE NO. 7-085-21B

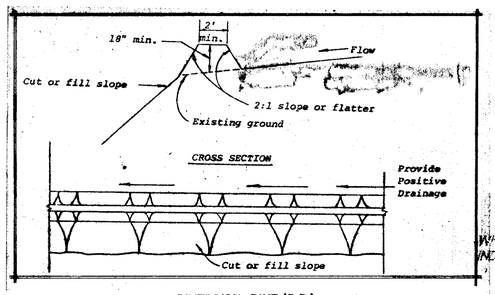
SDP-78-24



VICINITY MAP
SCALE: 1" = 2000'

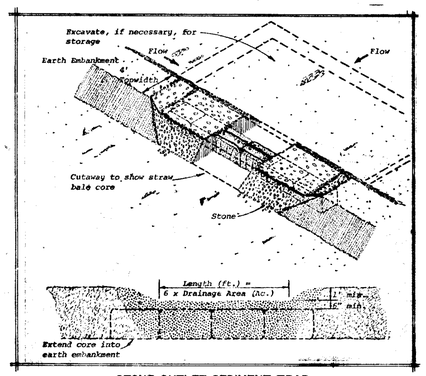


STABILIZED CONSTRUCTION ENTRANCE
(NO SCALE)

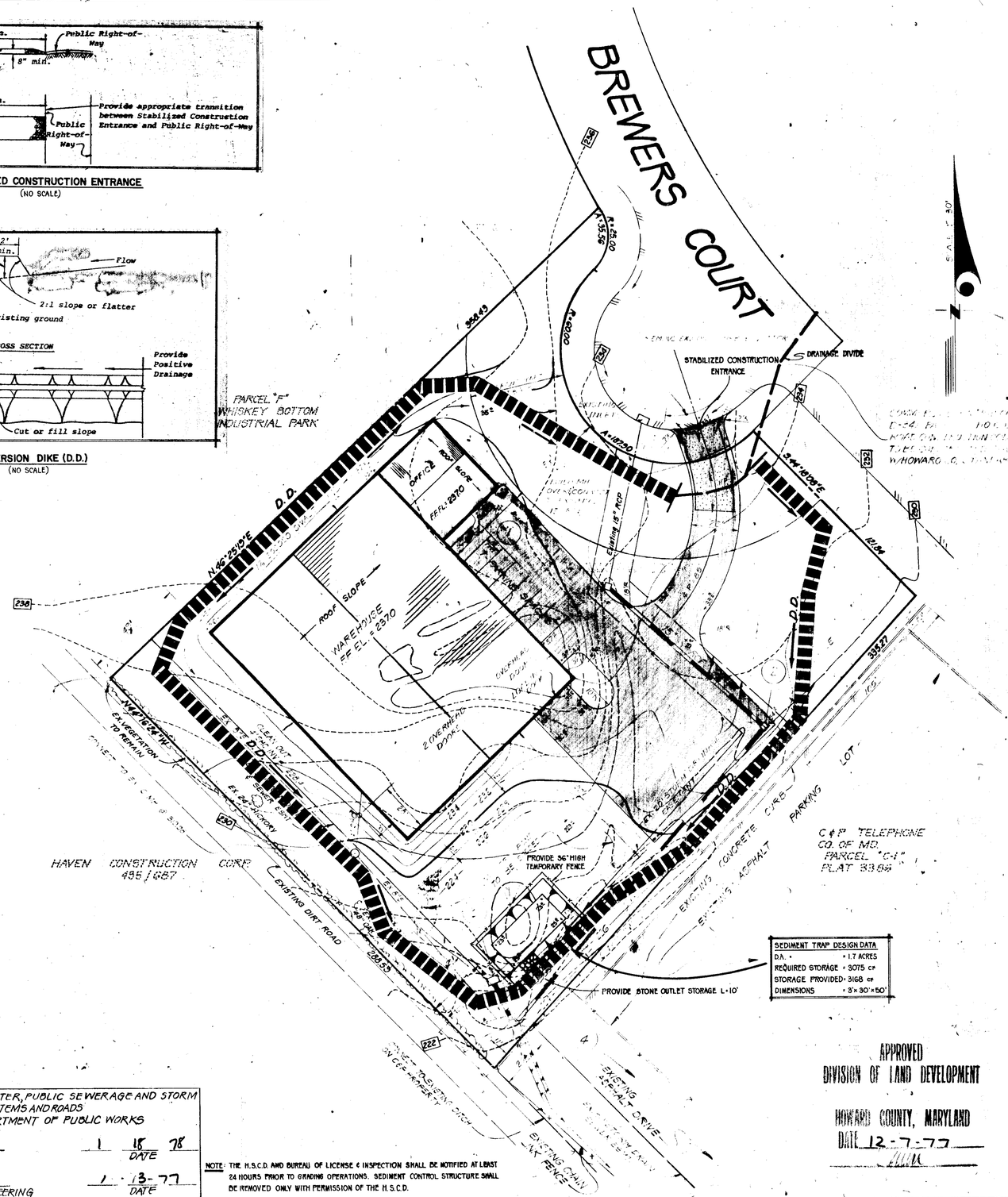


DIVERSION DIKE (D.D.)
(NO SCALE)

SEQUENCE OF CONSTRUCTION		
1.	INSTALL SEDIMENT CONTROL STRUCTURES	OCTOBER 1977
2.	ROUGH GRADE SITE	OCTOBER 1977
3.	INSTALL UTILITIES	NOVEMBER 1977
4.	START BUILDING CONSTRUCTION	DECEMBER 1977
5.	FINE GRADE ENTRANCE & PARKING LOT	JANUARY 1978
6.	PAVE PARKING LOT	FEBRUARY 1978
7.	REMOVE SEDIMENT TRAP & FINE GRADE POND	FEBRUARY 1978
8.	STABILIZE REMAINING AREAS & REMOVE REMAINING SEDIMENT CONTROL	MARCH 1978



STONE OUTLET SEDIMENT TRAP



SEDIMENT CONTROL NOTES

1. ALL REFERENCES TO STANDARDS & SPECIFICATIONS SHALL MEAN "STANDARDS & SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS," DATED JULY, 1975.
2. ALL SEDIMENT CONTROL MEASURES ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS.
3. ALL SEDIMENT CONTROL MEASURES TO REMAIN IN PLACE UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY BUREAU OF INSPECTIONS.
4. CONTRACTOR INSTALLING THE SEDIMENT AND EROSION CONTROL FACILITIES SHALL OBTAIN AND FOLLOW THE SPECIFICATIONS FOR SILT AND SEDIMENT CONTROL AS DISTRIBUTED BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
5. ALL DISTURBED AREAS ARE TO BE DIRECTED TO DRAIN TO THE SEDIMENT DEVICES PROVIDED. NO DISTURBED AREAS ARE TO BE ALLOWED TO DRAIN DIRECTLY OFF THE SITE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ASSURING THAT THE SEDIMENT CONTROL MEASURES ARE FUNCTIONAL AT THE END OF EACH DAY.
7. ALL DIVERSION DIKES DESTROYED DURING INSTALLATION OF UTILITIES SHALL BE REPLACED IMMEDIATELY.
8. THE OPENING OF THE STORM DRAINAGE INLETS SHALL BE PROTECTED AND KEPT FREE OF ANY DEPOSITS OF SEDIMENT, i.e., THROUGH USE OF SANDBAGS, GRAVEL OR OTHER APLICABLE METHOD UNTIL ALL THE UPHILL AREAS HAVE BEEN STABILIZED.
9. ALL DISTURBED AREAS BELOW STORM DRAIN OUTFALLS SHOULD BE STABILIZED IMMEDIATELY AFTER THEY ARE GRADED.
10. ALL STRUCTURES UTILIZING COMPACTED EARTH FILL ARE TO BE COMPOSED OF MATERIAL TAKEN FROM APPROVED BORROW AREAS AND SHALL BE FREE OF ROOTS, WOODY VEGETATION, ROCKS AND OTHER OBJECTIONABLE MATERIAL. A MINIMUM OF 10% SHALL BE ALLOWED FOR SETTLEMENT FILLS TO BE PLACED IN 6" LIFTS AND COMPACTED AS LAID.
11. ALL AREAS OF INGRESS-EGRESS ARE TO BE PROTECTED FROM TRACKING MUD ONTO PUBLIC RIGHTS OF WAY.
12. PERIODIC INSPECTION AND MAINTENANCE ARE TO BE PROVIDED TO INSURE EFFICIENCY OF ALL FACILITIES.
13. A TEMPORARY FENCE, 36" MIN. HEIGHT, SHALL BE INSTALLED AROUND ALL SEDIMENT TRAPS. FENCE POSTS SHALL BE 10'-0" o/c.
14. ALL SEDIMENT CONTROL MEASURES ARE TO BE CONSTRUCTED PRIOR TO GRADING AND SHALL BE FUNCTIONAL BEFORE GRADING CONSTRUCTION BEGINS.
15. FOR SOIL TYPES SEE: "SOIL SURVEY OF HOWARD COUNTY, MARYLAND," SHEET 31.
16. ALL SEDIMENT TRAPS DESTROYED DURING UTILITY INSTALLATION SHALL BE RESTORED AT THE END OF EACH DAY.

SODDING AND SEEDING NOTES

1. SEDIMENT TRAPS, DIVERSION DIKES AND INTERCEPTOR DIKES ARE TO BE TEMPORARY SEEDED WITH KENTUCKY 31 FESCUE 5-7 LBS. PER 1,000 FT^2 IMMEDIATELY AFTER THEY ARE CONSTRUCTED.
   A. ALL TEMPORARY SEEDED AREAS SHALL BE MULCHED IMMEDIATELY AFTER SEEDING. MULCH MATERIALS SHOULD BE UNWEATHERED, UNCHOPPED, SMALL GRAIN STRAW SPREAD AT A RATE OF 1-1/2 TO 2 TONS PER ACRE. THE MULCH SHALL BE ANCHORED IMMEDIATELY AFTER PLACEMENT WITH ASPHALT, PEG AND TWINE, PLASTIC NETTINGS OR BY A MULCH ANCHORING TOOL.
   B. LIME AND FERTILIZR SHALL BE REQUIRED FOR TEMPORARY SEEDINGS IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:
      (1) PULVERIZED DOLOMITIC LIMESTONE IS TO BE APPLIED AT THE RATE OF 46 LBS PER 1000 SQ. FT.
      (2) FERTILIZER SHALL BE 10-10-10 OR EQUIVALENT AND APPLIED AT THE RATE OF 12 TO 18 LBS PER 1000 SQ. FT.
2. ALL DISTURBED AREAS SHALL BE FINALLY STABILIZED WITH SEED OR SOD IMMEDIATELY UPON COMPLETION OF FINE GRADING IN ACCORDANCE WITH THE FOLLOWING PROCEDURE.
   A. TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED ON THE DESIGNED AREAS AND SHALL BE A MINIMUM DEPTH OF 3-INCHES AFTER FIRMING.
   B. DOLOMITIC LIMESTONE IS TO BE APPLIED AT THE RATE OF 75 LBS PER 1000 SQ. FT.
   C. FERTILIZER SHALL BE 10-10-10 AND APPLIED AT THE RATE OF 23 LBS. PER 1000 SQ. FT.
   D. SOD IS TO BE APPROVED OR BETTER KENTUCKY 31 FESCUE.
   E. LIME AND FERTILIZER SHALL BE UNIFORMLY MIXED INTO THE TOP 4-INCHES OF SOIL BY DISCING, HARROWING OR OTHER APPROVED METHODS.
   F. SEED SHALL BE 0-20% KENTUCKY BLUEGRASS, 80-100% KENTUCKY 31 TALL FESCUE AT THE RATE OF 6 TO 8 LBS. PER 1000 SQ. FT.
   G. ALL DISTURBED AREAS NOT SODDED, SHALL BE SEEDED.
   H. SOD SHALL BE PLACED ON ALL ONSITE WELL DEFINED SWALES.

DIVERSION DIKE -

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

C. Wayne Reay — US SOIL CONSERVATION SERVICE — 11/3/78 DATE

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

Jess Ensor — HOWARD SOIL CONSERVATION DISTRICT — 11-8-78 DATE

DEVELOPER'S CERTIFICATION:

I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR 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.

Ralph Sobel — DEVELOPER — 11/1/77 DATE

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

DIRECTOR — 1 18 78 DATE

CHIEF, BUREAU OF ENGINEERING — 1-13-77 DATE

NOTE: THE H.S.C.D. AND BUREAU OF LICENSE & INSPECTION SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO GRADING OPERATIONS. SEDIMENT CONTROL STRUCTURE SHALL BE REMOVED ONLY WITH PERMISSION OF THE H.S.C.D.

ENGINEER'S CERTIFICATION:

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

MICHAEL B. McCORDIC, MD P.E. #5251 — 12/22/77 DATE

STATE OF MARYLAND — No. 5251 — PROFESSIONAL ENGINEER — 12/22/77

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 12-7-77

JOHNSON - McCORDIC - THOMPSON, P.A.
ENGINEERS • PLANNERS • SURVEYORS
1620 ELTON ROAD — SILVER SPRING, MD. 20903
434-7000

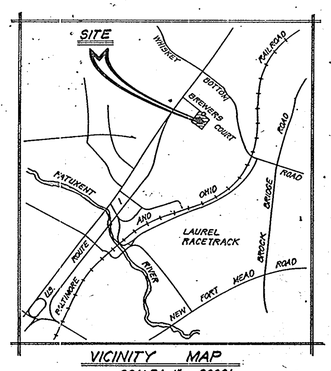
SEDIMENT CONTROL PLAN
PARCEL "E"
WHISKEY BOTTOM INDUSTRIAL PARK
6TH ELECTION DISTRICT HOWARD COUNTY MARYLAND
TAX MAP

OWNER: RALPH SOBEL
11406 OLD BALTIMORE PIKE
BELTSVILLE, MD. 20705

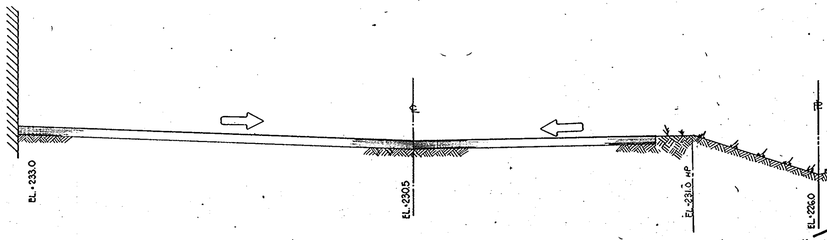
DESIGN WRL & DM.L	SHEET	4	4
DRAFTED DMC	DATE	AUG. 1977	JOB NO 7-085-83
APPROVED	SCALE	1"=30'	FILE NO 7-085-836

SDP-78-24

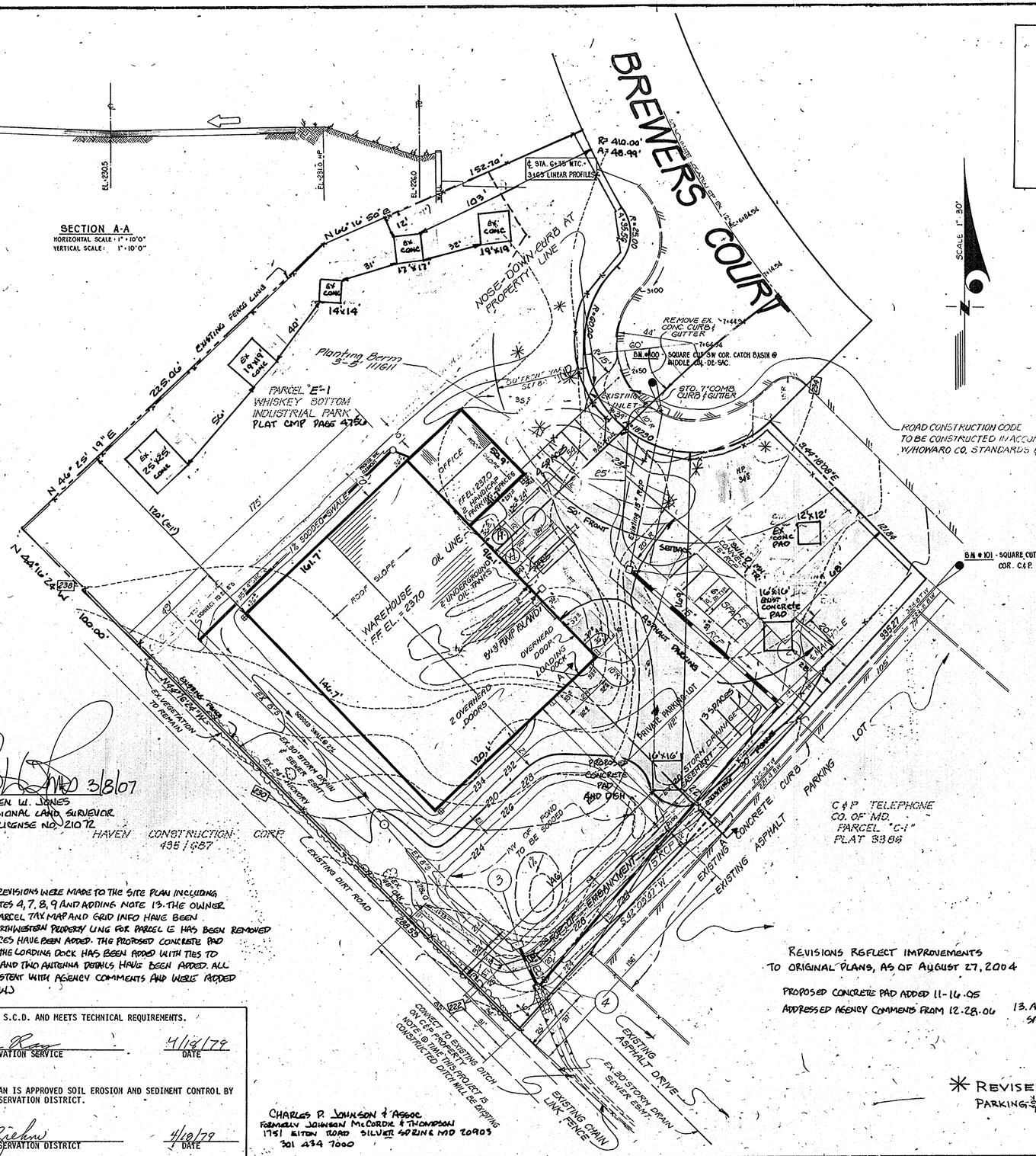
A.R.T. 9370

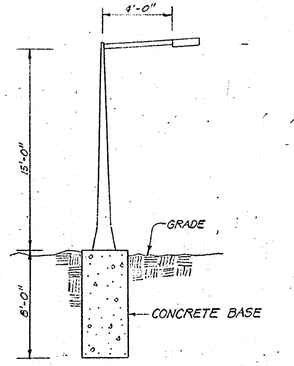


VICINITY MAP
SCALE: 1" = 2000'



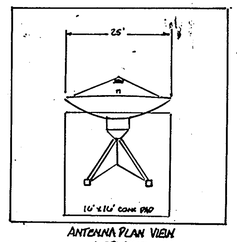
SECTION A-A
HORIZONTAL SCALE: 1" = 10'-0"
VERTICAL SCALE: 1" = 10'-0"



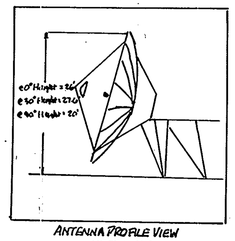


LUMINAIRE & POLE DETAIL

TYPE	MANUFACTURER & CAT. NO.	LAMP	VOLTS	MOUNTING	REMARKS
A	LIGHTOLIER #A0B551I	1M37KC 250/DX	120 V	SINGLE ARM BLE LIGHTOWER STE 2516	15' HIGH POLE ON 8' CONCRETE BASE
B	VERAFLOOD I BY G.E. #C875G01G	39-22 H175/DX	120 V	SURFACE MOUNTED	SECURITY LIGHTING



ANTENNA PLAN VIEW
NOT TO SCALE



ANTENNA PROFILE VIEW
NOT TO SCALE

BITUMINOUS CONCRETE SURFACE	1½" BAND C-3
BITUMINOUS CONCRETE BINDER	5" GRAVEL
CRUSHER RUN BASE	6"

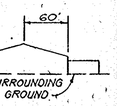
TYPICAL PAVING SECTION FOR DRIVEWAYS & PARKING LOTS

NO SCALE:
1. STD. NO. D-8 PAGE 63 - TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.
2. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-301-3 AS PROVIDED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
3. TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-311-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
4. TYPICAL PAVING SECTION FOR DRIVEWAYS AND PARKING AREA.

ROAD CONSTRUCTION CODE TO BE CONSTRUCTED IN ACCORDANCE W/HOWARD CO. STANDARDS & SPECS.

GENERAL NOTES:

1. ZONING ——— M-2
2. BUILDING DIMENSIONS - 120'-0" x 146'-8"
3. BUILDING HEIGHT 19'-0" TO PEAK
4. TELECOMUNICATIONS TELEPORT WITH 10 EMPLOYEES - NO ON-SITE FOOD SERVICE OR RETAIL SALES
5. ALL OPEN AREA W/IN PROPERTY BOUNDRY TO BE MAINTAINED BY OWNER
6. ALL 2:1 SLOPES SHALL BE SEEDED AS NOTED ON SEDIMENT PLAN
7. RECORDING REFERENCE PLAT 3715 F.81-025 PARCEL'E PLAT NO. 4756
8. PARKING REQUIRED/SHOWN 10/16 SEC 133.D.5a
9. TOTAL LOT AREA PARCELE-1 2.753 Acres
10. (H) HANDICAPPED STALLS
11. MIN. GREEN SPACE SHOWN 10%
12. * INDICATES WHITE PINE-MIN 2½" Cal. (NUMBER SHOWN 8)
13. ALL EXISTING CONCRETE PADS ARE BASE FOUNDATIONS FOR SATELLITE COMMUNICATIONS DISH ANTENNAS.



REVISIONS REFLECT IMPROVEMENTS TO ORIGINAL PLANS, AS OF AUGUST 27, 2004

PROPOSED CONCRETE PAD ADDED 11-16-05

ADDRESSED AGENCY COMMENTS FROM 12-28-06

* REVISED ENTERANCE, PARKING & PAVEMENT LOCATIONS

* REVISIONS
APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 4-17-79

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

COUNTY HEALTH OFFICER — 4-26-79 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — 4-30-79 DATE

CHIEF, DIVISION OF LAND DEVELOPMENT — 4-27-79 DATE

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

DIRECTOR — 4-25-79 DATE

CHIEF, BUREAU OF HIGHWAYS — 4-25-79 DATE

STATE OF MARYLAND — STEVEN W. JONES — No. 21072 — PROFESSIONAL LAND SURVEYOR

3/8/07

STEVEN W. JONES
PROFESSIONAL LAND SURVEYOR
MD LICENSE NO. 21072

HAVEN CONSTRUCTION CORP.
435/687

NOTES (CONT'D)

4. ADDITIONS AND REVISIONS WERE MADE TO THE SITE PLAN INCLUDING REVISING GENERAL NOTES 4, 7, 8, 9 AND ADDING NOTE 13. THE OWNER HAS BEEN UPDATED, PARCEL TAX MAP AND GRID INFO HAVE BEEN UPDATED, THE OLD NORTHWESTERN PROPERTY LINE FOR PARCEL E HAS BEEN REMOVED STRIPED PARKING SPACES HAVE BEEN ADDED. THE PROPOSED CONCRETE PAD SOUTH AND EAST OF THE LOADING DOCK HAS BEEN ADDED WITH TIES TO THE PROPERTY LINES AND TWO ANTENNA DETAILS HAVE BEEN ADDED. ALL CHANGES ARE CONSISTENT WITH AGENCY COMMENTS AND WERE ADDED MARCH 8, 2007. SWJ

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

US SOIL CONSERVATION SERVICE — 4/18/79 DATE

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

HOWARD SOIL CONSERVATION DISTRICT — 4/19/79 DATE

CHARLES P. JOHNSON & ASSOC.
FORMERLY JOHNSON McCORDIC & THOMPSON
1751 ELTON ROAD SILVER SPRING MD 20903
301 434 7000

NOTES:

1. BASED ON A LETTER DATED APRIL 15, 2004, FROM CINDY HAMILTON CHIEF, DIVISION OF LAND DEVELOPMENT WAIVER PETITION WP-04-112 WAS APPROVED, IT WAIVED SECTION 16.155.A.(1), WHICH REQUIRES APPROVAL OF A SITE DEVELOPMENT PLAN FOR EXPANSION OF NON-RESIDENTIAL USES, TO ALLOW INSTALLATION OF TWO 9-METER DIAMETER DISHES AND TWO 6.8 METER DISHES ON THIS SITE. 1) SUBJECT TO EDITING THIS PLAN TO INCLUDE THE NEW ROUNDARY OF PARCEL E-1, AND TO REVISE ALL NOTES AND LABELS ACCORDINGLY; 2) NEW DISHES MUST COMPLY WITH 50' FRONT SETBACK; AND 3) APPLY AND OBTAIN ALL NECESSARY PERMITS.
2. THE PERMIT APPLICATION DEADLINE SHALL EXPIRE ON AUGUST 16, 2007 (WHICH IS ONE YEAR FROM THE DATE OF THE DEVELOPMENT ENGINEERING DIVISION'S LETTER APPROVING THE RED-LINE SIGNED BY CHARLES F. DAMMERS CHIEF, DEVELOPMENT ENGINEERING DIVISION. ITEMS MARKED HEREON AS "PROPOSED" ARE THE INTENDED LOCATIONS OF THE SAID DISHES
3. THOSE REVISION NOTES AND PLAN REVISIONS WERE ADDED ON OCTOBER 31, 2006. SWJ AND AGAIN ON 11-16-06 SWJ

STATE OF MARYLAND — CHARLES F. DAMMERS — No. 10795 — PROFESSIONAL ENGINEER

4-17-79

JOHNSON - McCORDIC - THOMPSON, P.A.
ENGINEERS • PLANNERS • SURVEYORS
1820 ELTON ROAD SILVER SPRING, MD. 20903
434-7000

SITE DEVELOPMENT AND STORM DRAINAGE PLAN
PARCEL E-1
WHISKEY BOTTOM INDUSTRIAL PARK
6TH ELECTION DISTRICT HOWARD COUNTY MARYLAND
TAX MAP 50 GRID 4 P. 489

OWNER: LAWAN MARYLAND PROPERTIES INC.
ATTN: MATTHEW LYMAN
10285 SOUTH JORDAN GATEWAY SUITE K
SOUTH JORDAN UT 84095 801 501 9090

DESIGN WAJ & CHL	SHEET 1 OF 4		
DRAFT CMC	DATE AUG. 1977	JOB NO. 7-085-20-21-26	
APPROVED [illegible]	SCALE 1"=30'	FILE NO. 7-085-21.8	

File Copy SDP-78-24 REVISED

ABE 9370