

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 2/0-1-87

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR: *[Signature]* DATE: 10-5-87
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
[Signature] DATE: 10-2-87

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND ROADS
 DIRECTOR: *[Signature]* DATE: *[Blank]*
 CHIEF, BUREAU OF ENGINEERING: *[Signature]* DATE: 9-25-87
 HOWARD SOIL CONSERVATION DISTRICT
 THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 DISTRICT: *[Blank]* DATE: *[Blank]*
 APPROVED HOWARD SOIL CONSERVATION DISTRICT
 REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET TECHNICAL REQUIREMENTS
 SIGNATURE: *[Blank]* DATE: *[Blank]*
 THE UNITED STATES SOIL CONSERVATION SERVICE

OWNER/DEVELOPER
WHISKEY BOTTOM LIMITED PARTNERSHIP
 C/O GINGERLY DEVELOPMENT
 PO BOX 4446 ROCKVILLE MARYLAND 20850

NO.	REVISION	DATE
3	ADD RAMP	2-1-87
2	REV. 2ND SUBMISSION COMMENTS	6-15-87
1	REV. AS PER 1ST SUBMISSION COMMENTS	3-16-87

GENERAL NOTES

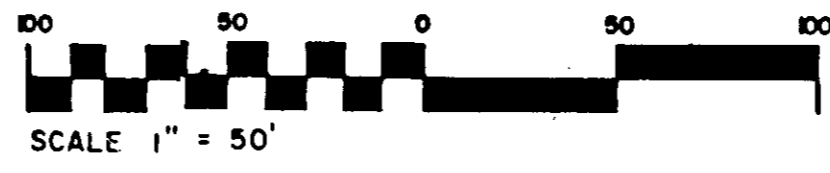
- NO EXCAVATING SHOULD BE STARTED UNTIL THE LOCATION OF EXISTING UTILITIES HAS BEEN DETERMINED. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATIONS PRIOR TO ORDERING MATERIALS.
- INFORMATION CONCERNING UNDERGROUND UTILITIES WERE OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT HORIZONTAL LOCATION AND ELEVATIONS OF THE MAINS BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS, WELL IN ADVANCE OF TRENCHING. IF CLEARANCES ARE LESS THAN SHOWN ON THIS PLAN OR 12 INCHES, WHICHEVER IS LESS, CONTACT WVA INC. AND UTILITY OWNER BEFORE PROCEEDING WITH CONSTRUCTION AND ORDERING MATERIALS.
- PREPARE TO UTILITIES OR PRIVATE PROPERTY DAMAGED AS A RESULT OF CONTRACTOR'S NEGLIGENCE OR METHOD OF OPERATION MUST BE MADE AT CONTRACTOR'S OWN EXPENSE.
- GRADING SHALL BE DONE IN SUCH A MANNER AS TO PROVIDE POSITIVE DRAINAGE. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENT TO MEET EXISTING CONDITIONS AS DIRECTED BY THE ARCHITECT.
- ALL SITE CONSTRUCTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE PROJECT PLANS, SPECIFICATIONS, HOWARD COUNTY STANDARDS AND SPECIFICATIONS AND THE MARYLAND STATE HIGHWAY STANDARDS AND SPECIFICATIONS.
- ALL DISTURBED AREAS (DUE TO CONTRACTOR'S ACTIVITIES) NOT UNDER PAYMENTS OR BUILDING SHALL BE STABILIZED BY PLACEMENT OR EXISTANCE OF MINIMUM OF 5 INCH DEPTH NATIVE TOPSOIL AND SEEDING PER THE SPECIFICATIONS.
- DO NOT SCALE DIMENSIONS SHALL PREVAIL.
- ALL WRITTEN DIMENSIONS UNLESS OTHERWISE NOTED.
- SEE ARCHITECTURAL DRAWINGS FOR ALL BUILDING DIMENSIONS.
- ALL DIMENSIONS GIVEN ARE FROM FACE OF CURB TO FACE OF CURB.
- NO EXCAVATING IN PUBLIC RIGHTS-OF-WAY UNTIL THE LOCATION OF EXISTING UTILITIES HAS BEEN DETERMINED. CALL "MISS UTILITY" AT (301) 251-7777 48 HOURS PRIOR TO THE START OF WORK.
- ALL STORM DRAINING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE GENERAL CONDITIONS AND STANDARD SPECIFICATION OF HOWARD COUNTY.
- TYPE OF STRUCTURES REFER TO THE STANDARD DETAILS OF HOWARD COUNTY OR THE MARYLAND STATE HIGHWAY ADMINISTRATION, UNLESS OTHERWISE NOTED.
- WHERE THE DROP OF THE MAIN LINE THROUGH A STRUCTURE CAN BE ACCOMMODATED BY AN INLET SLOPE OF 1/2% OR FLATTER, A ROUNDED CHANNEL LINED WITH SINKER BRICK ON EDGE SHALL BE BUILT TO THE CROWN OF THE PIPES.
- ALL TRINCHES BEHIND SHALL BE CLASS "C" UNLESS OTHERWISE NOTED.
- ALL ELEVATIONS SHOWN ON THE PROFILES ARE INVERT ELEVATIONS UNLESS OTHERWISE INDICATED.
- IF THE CONTRACTOR HAS ANY QUESTIONS AS TO THE NATURE, METHODS OR DETAIL OF THE PERFORMANCE OF HIS WORK, HE IS TO CONTACT WVA, INC. AT (301) 462-7800.
- ALL CONSTRUCTION WITHIN WHISKEY BOTTOM ROAD SHALL CONFORM WITH HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION GENERAL SPECIFICATIONS AND STANDARDS.
- A SOILS REPORT IS CONSIDERED PART OF THE CONSTRUCTION DOCUMENTS AND ALL EXCAVATION IS CONSIDERED COMMON AND UNCLASSIFIED. THE CONTRACTOR WILL RECEIVE NO ADDITIONAL PAYMENT FOR REMOVAL OF UNSUITABLE MATERIAL OR SOIL EXCAVATION.

LEGEND

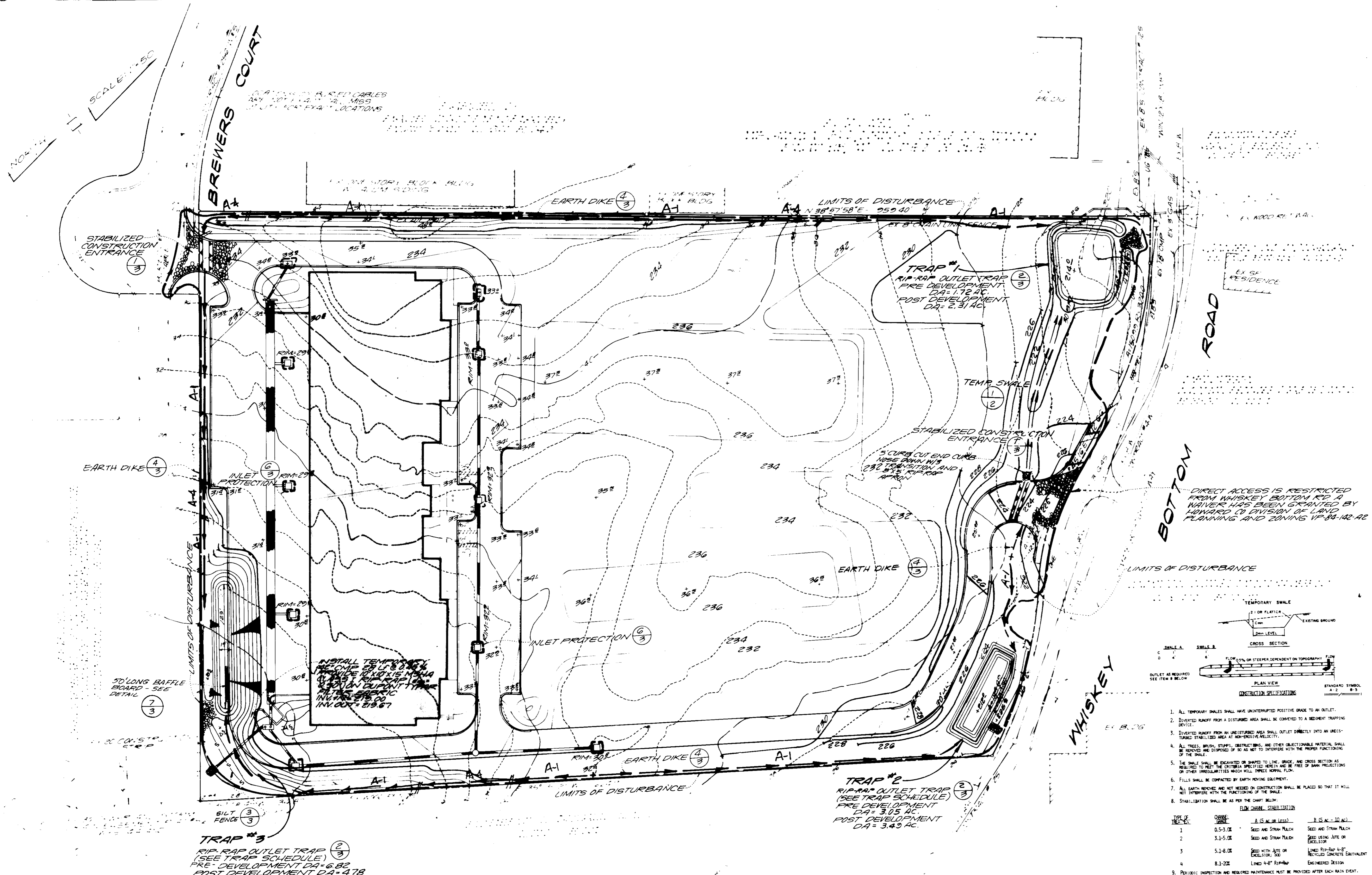
REVERSE CURB AND GUTTER
 LIGHT DUTY PAVEMENT
 SOIL BORING

AS-BUILT SURVEY CERTIFIED BY
 DAVID M. JENSEN, MD. P.E.
 NO. 14092 ON 12-29-88.

NO.	DESCRIPTION	AMOUNT
A)	AREA OF PARCEL	11.603 ACRES/505,439 SQ. FT.
B)	PRESENT ZONING	M-2 DISTRICT (MANUFACTURING-HEAVY)
C)	PROPOSED USE	WAREHOUSE AND OFFICE
D)	FLOOR SPACE	
	BUILDING A - TOTAL	62,204 SQ. FT.
	WAREHOUSE	43,542.8 SQ. FT. (70%)
	OFFICE	18,661.2 SQ. FT. (30%)
E)	PARKING REQUIRED	
	40 OFFICE EMPLOYEES AT 7 SPACES PER 10 EMPLOYEES	28 SPACES
	43,542.8 SQ. FT. OR WAREHOUSE AT 1 SPACE PER 1000 SQ. FT.	44 SPACES
	TOTAL PARKING SPACES REQUIRED	72 SPACES
	TOTAL PARKING SPACES PROVIDED	109 SPACES
	HANDICAPPED SPACES REQUIRED	3 SPACES
	HANDICAPPED SPACES PROVIDED	6 SPACES
F)	OPEN SPACE/LANDSCAPING	
	OPEN SPACE REQUIRED	205 + 2.32 AC. = 207.32 AC.
	OPEN SPACE PROVIDED	48.95 + 8.00 AC. = 56.95 AC.
	INTERIOR LANDSCAPING REQUIRED	0.47 = 5%
	INTERIOR LANDSCAPING PROVIDED	0.10 AC. = 10.6%
G)	BUILDING COVERAGE	12.3%
H)	TOTAL AREA OF PARKING LOTS	0.94 AC.

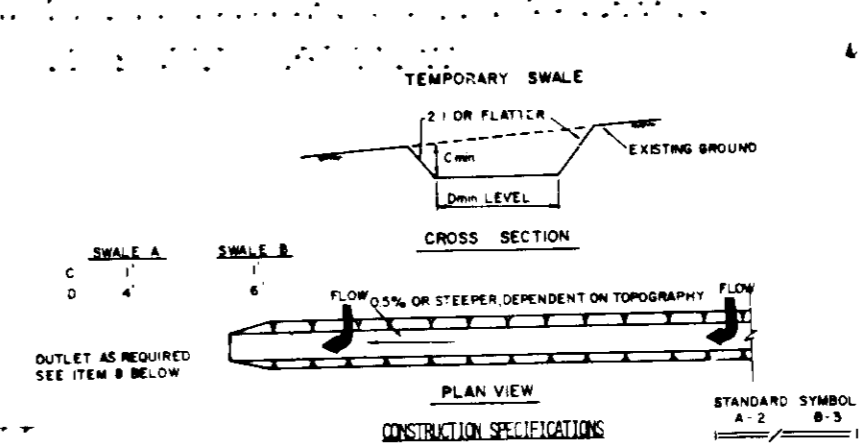


NOTE:
 1. DIRECT VEHICLE ACCESS IS RESTRICTED TO ENTRANCES INDICATED ON THIS PLAN.
 2. DIRECT ACCESS FROM WHISKEY BOTTOM ROAD HAS BEEN GRANTED BY HOWARD COUNTY DIVISION OF LAND DEVELOPMENT AND ZONING ADMIN. VP. 84-142-A-2.



DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 HOWARD COUNTY MARYLAND
 DATE: 8-13-87
M. J. ...

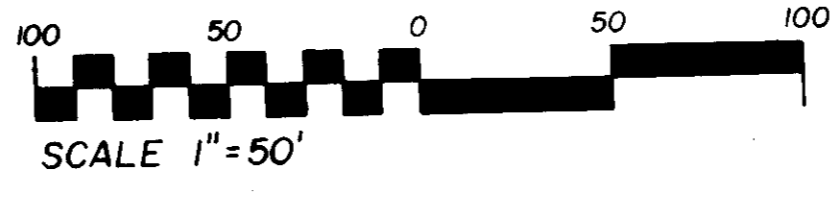
HOWARD SOIL CONSERVATION DISTRICT
 THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT AND MEET TECHNICAL REQUIREMENTS
 DISTRICT: *Howard Soil Conservation District* DATE: 7-23-87
 APPROVED HOWARD SOIL CONSERVATION DISTRICT REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET TECHNICAL REQUIREMENTS
 SIGNATURE: *[Signature]* DATE: 9-1-87
 THE UNITED STATES SOIL CONSERVATION SERVICE
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICE: *[Signature]* DATE: 10-1-87
 APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING PLANNING DIRECTOR: *[Signature]* DATE: 10-5-87
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
[Signature] DATE: 10-2-87
 APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS
 DIRECTOR: *[Signature]* DATE: 9/24/87
 CHIEF BUREAU OF ENGINEERING: *[Signature]* DATE: 9-25-87
 OWNER/DEVELOPER
WHISKEY BOTTOM LIMITED PARTNERSHIP
 C/O GINGERY DEVELOPMENT GROUP
 PO BOX 4446 ROCKVILLE MARYLAND 20850



- CONSTRUCTION SPECIFICATIONS
1. ALL TEMPORARY SWALES SHALL HAVE UNDISTURBED POSITIVE GRADE TO AN OUTLET.
 2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
 3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN GRASS-TANGLED STABILIZED AREA AT NON-EROSIVE VELOCITY.
 4. ALL TREES, BRUSH, STAMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
 5. THE SWALE SHALL BE ENCAUSED ON SHARPS TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WOULD IMPAIR NORMAL FLOW.
 6. FILLS SHALL BE COMPACTED BY EARTH-MOVING EQUIPMENT.
 7. ALL SWALE MOVING AND NOT NEARBY IN CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
 8. STABILIZATION SHALL BE AS PER THE CHART BELOW:
- | DEPTH OF SWALE | GRADE | A (5' OR LESS) | B (5' - 30') |
|----------------|-----------|---------------------------|---------------------------|
| 1 | 0.5-3.0' | SEED AND STRAW MULCH | SEED AND STRAW MULCH |
| 2 | 3.1-5.0' | SEED AND STRAW MULCH | SEED AND STRAW MULCH |
| 3 | 5.1-8.0' | SEED WITH LIME OR GELATIN | SEED WITH LIME OR GELATIN |
| 4 | 8.1-10.0' | LINED 4" RIP-RAP | LINED 4" RIP-RAP |
- PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

BY THE DEVELOPER:
 I certify that all development and construction will be done according to this plan and that any responsible personnel involved in the construction of this project will have a Certificate of Attendance at a Department of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project.
[Signature] 11/1/87

BY THE ENGINEER:
 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.
[Signature] 1-29-87
 Date



SEDIMENT TRAP SUMMARY TABLE

TRAP #	TYPE	DRAINAGE AREA (ACRES)	STORAGE REQUIRED (CU.FT.)	STORAGE PROVIDED (CU.FT.)	OUTLET SIZE (FT.)	WEIR CREST ELEV.	BOTTOM ELEV.	CLEAN OUT ELEV.	EMBANKMENT HT. & ELEV.	BOTTOM AREA (SQ.FT.)
1	RIP-RAP OUTLET TRAP	2.31	4,158	13,921	L=5.0'	218.45	214.00	217.40	3.0'/222.00	3025 sq
2	RIP-RAP OUTLET TRAP	3.49	6282	19,253	L=6.0'	222.60	212.00	217.30	3.3'/225.00	360 sq
3	RIP-RAP OUTLET TRAP	4.78	12,176	15,580	L=6.0'	218.8	212.7	215.85	2.5'/221.5	2400 sq

1 TEMPORARY SWALE
 2 NOT TO SCALE

NOTE:
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 2. DIRECT ACCESS FROM WHISKEY BOTTOM ROAD HAS BEEN GRANTED BY HOWARD COUNTY DIVISION OF LAND DEVELOPMENT AND ZONING ADMIN VP-84-142-A2

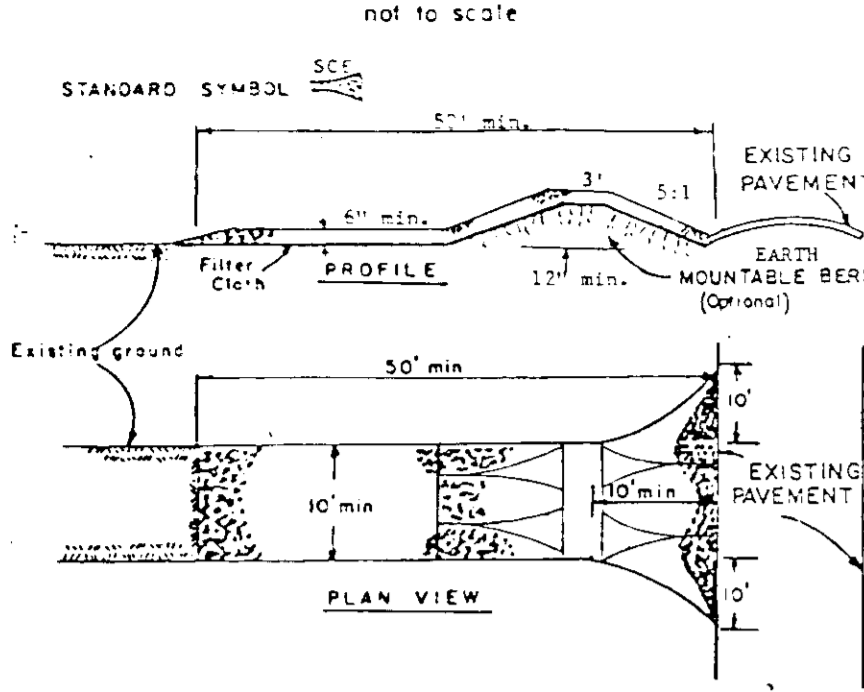
VIA ENGINEERS PLANNERS LANDSCAPE ARCHITECTS SURVEYORS
 VIK INCORPORATED
 8200 GREENSBORO DRIVE
 SUITE 400
 MCLEAN, VIRGINIA 22102 703-442-7800

PROJECT: **WHISKEY BOTTOM TRADE CENTER**
 HOWARD COUNTY MARYLAND
 TITLE: **SEDIMENT AND EROSION CONTROL PLAN**

ADDRESS CHART
 PARCEL 466 STREET ADDRESS 2115 WHISKEY BOTTOM ROAD

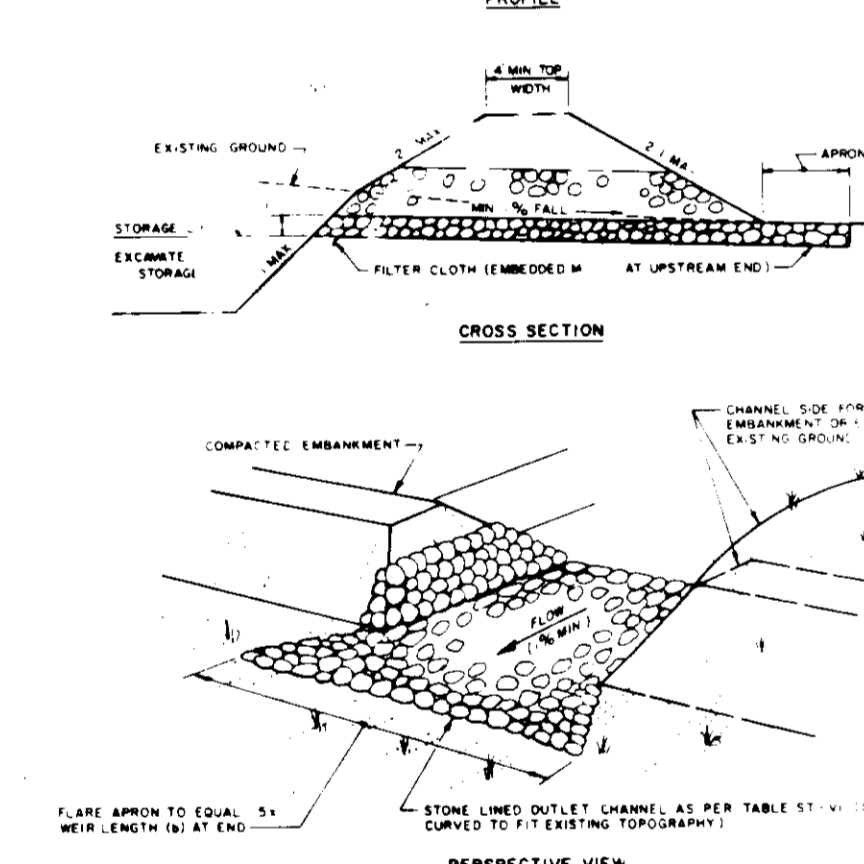
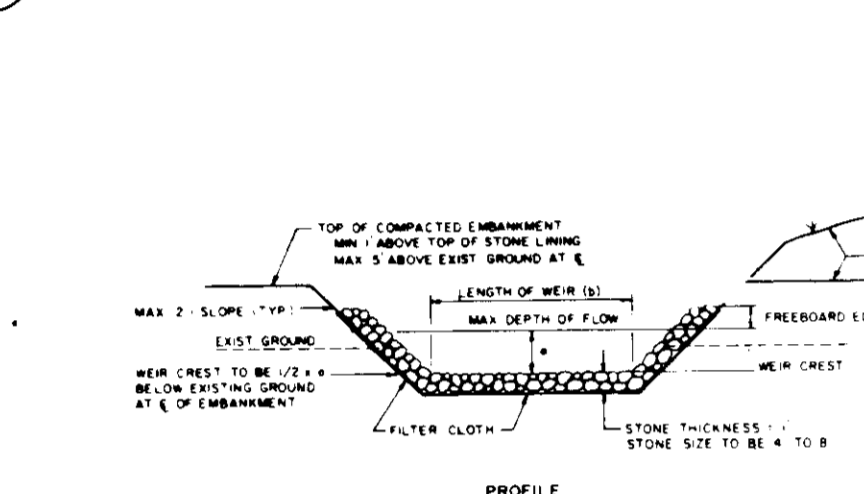
METRO INDUSTRIAL PARK
 LUB11E714 5 M-2 50 6TH 6063
 ART-100A C-04 SEWER SIZE 7103000
 SDP # 87-140
 BUD
 RWIS#
 5083
 JANUARY 1986
 SCALE 1" = 50'
 DRAWING NO. 2-10

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



- CONSTRUCTION SPECIFICATIONS**
- Stone Size - Use 2" stone, or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a single easement lot where a 30 foot minimum length would apply).
 - Thickness - Not less than six (6) inches.
 - Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
 - Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
 - Surface Water - All surface water flowing or diverted toward construction entrance shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slope will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking of sediment onto public right-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanup of any means used to trap sediment. All sediment applied, dropped, washed or tracked onto public right-of-way must be removed immediately.
 - Washing - 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 stone and which drains into an approved sediment trapping device.
 - Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE
NO SCALE

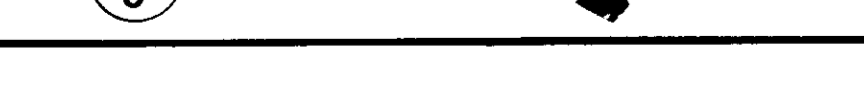


Maryland SCS/WRA April 1983

CONSTRUCTION SPECIFICATIONS FOR ST-VI

- The area under embankment shall be cleared, grubbed and stripped of all vegetation and root mat. The pool area shall be cleared.
- The fill material for the embankment shall be free of roots or other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed. Maximum height of embankment shall be five (5) feet, measured at centerline of embankment.
- All fill slopes shall be 2:1 or flatter; cut slopes 1:1 or flatter.
- Elevation of the top of any dike directing water into trap must equal or exceed the height of embankment.
- 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 weir crest.
- 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 entrance placed on top. Fabric shall be embedded 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 (riprap). To provide a filtering effect, a layer of filter cloth shall be embedded one (1) foot back into the upstream face of the outlet stone or a one (1) foot thick layer of two (2) inch or finer aggregate shall be placed on the upstream face of the outlet.
- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
- The structure shall be inspected after each rain and repaired 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.

RIPRAP OUTLET SEDIMENT TRAP
NO SCALE



SEDIMENT CONTROL NOTES

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION. (992-2437)
- ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS WILL BE PROTECTED TO PREVENT TRACKING OF MUD ONTO PUBLIC RIGHT-OF-WAY.
- INGRESS AND EGRESS SHALL BE LIMITED TO THE CONSTRUCTION ENTRANCE SHOWN ON THESE DRAWINGS.
- 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: A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SOODING AND/OR SEEDING AND MULCHING IS TO BE DONE CONCURRENTLY WITH FINE GRADING AND IN ACCORDANCE WITH "CRITICAL AREA STABILIZATION" SPECIFICATION AS PUBLISHED IN "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS".
- SEDIMENT CONTROL MEASURES MUST BE INSPECTED BY THE OWNER OR HIS DULY AUTHORIZED REPRESENTATIVE TO INSURE THAT THEY ARE FUNCTIONING PROPERLY.
- ALL SEDIMENT CONTROL MEASURES ARE TO REMAIN UNTIL DRAINAGE AREA IS STABILIZED PERMANENTLY AND THEN BE REMOVED AND DISTURBED AREA PERMANENTLY STABILIZED.
- ALL SEDIMENT TRAPS/BASINS MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- 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) SOD (SEC. 54), TEMPORARY SEEDING (SEC. 58) 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.
- ALL AREAS SHALL BE PERMANENTLY STABILIZED WHEN SITE DEVELOPMENT WORK GRADING AND/OR OTHER RELATED CONSTRUCTION RELATED ACTIVITIES, CEASE TO BE CONTINUOUS OR ONGOING FOR PERIODS EXCEEDING 45 DAYS. THESE DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS". THE INPLACE SEDIMENT CONTROL MEASURES WILL BE MAINTAINED ON A CONTINUING BASIS UNTIL THE SITE IS PERMANENTLY STABILIZED AND ALL PERMIT REQUIREMENTS ARE MET.
- ALL UTILITY LINES EXTENDING BEYOND THE LIMITS OF DISTURBANCE AS SHOWN ON THIS PLAN SHALL BE EXPOSED AND DISTURBED AREAS SHALL BE ACCOMPLISHED IMMEDIATELY AFTER BACKFILLING OPERATIONS.
- WHEN INSTALLING STORMWATER MANAGEMENT RESERVOIR, THE AREA MUST BE KEPT PROTECTED FROM SEDIMENT RUNOFF.
- MINOR FIELD ADJUSTMENTS MAY BE MADE TO ACCOMPLISH THE INTENDED PURPOSE. ANY OTHER DEVIATIONS FROM THIS PLAN WILL REQUIRE PRIOR APPROVAL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
- THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL REQUIRED EASEMENTS, RIGHTS, AND/OR RIGHTS-OF-WAY PURSUANT TO THE DISCHARGE FROM THE SEDIMENT AND EROSION CONTROL PRACTICES, STORMWATER MANAGEMENT PRACTICES AND THE DISCHARGE OF STORM WATER ONTO OR ACROSS AND GRADING OR OTHER WORK TO BE PERFORMED ON ADJACENT OR DOWNSTREAM PROPERTIES AFFECTED BY THIS PLAN.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROL MEASURES MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF TWO ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROL MEASURES 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.
- SITE ANALYSIS:
TOTAL AREA OF SITE: 11600 ACRES
AREA TO BE ROOFED OR PAVED: 11600 ACRES
AREA TO BE PERMANENTLY STABILIZED: 11600 ACRES
TOTAL CUT: 43800 CU. YDS.
TOTAL FILL: 43800 CU. YDS.
OFF-SITE WASTE/BORROW AREA LOCATION: [Blank]

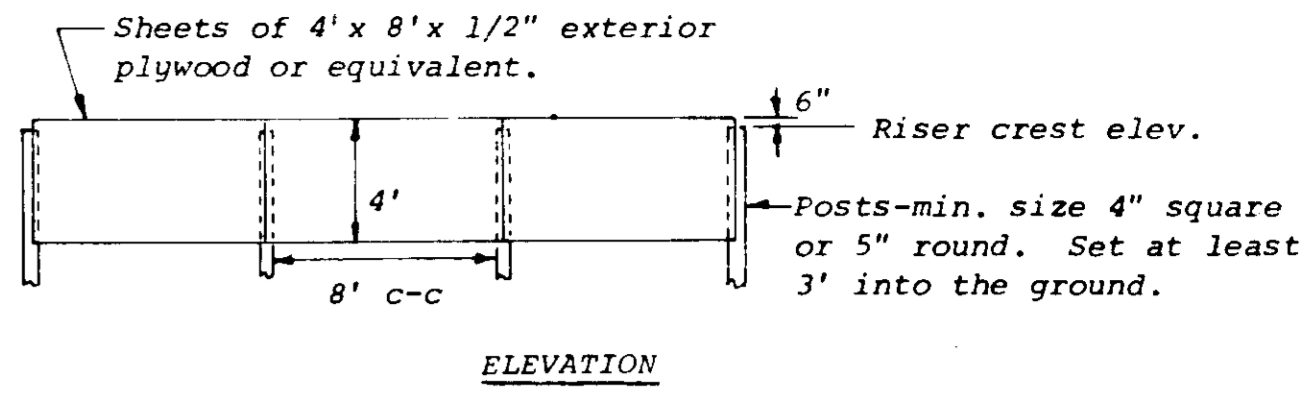
CONSTRUCTION SEQUENCE

- OBTAIN BUILDING GRADING PERMITS.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE AT BREWERS COURT AND WHISKEY BOTTOM ROAD. (1 DAY)
- INSTALL EARTH DIKES, SILT FENCE, INLET PROTECTION AND SEDIMENT TRAPS 1, 2 AND 3. (1 WEEK)
- CLEAR AND GRUB SITE. (3 WEEKS)
- ROUGH GRADE SITE. (4 WEEKS)
- INSTALL STORM DRAIN SYSTEM AND TEMPORARY PIPE TO OUTFALL INTO TRAP #3. (4 WEEKS)
- BEGIN CONSTRUCTION OF BUILDING. (9 MONTHS)
- INSTALL WATER AND SEWER. (6 WEEKS)
- INSTALL CURB AND GUTTER AND SIDEWALKS. (3 WEEKS)
- REMOVE INLET PROTECTION.
- INSTALL PAVING. (2 WEEKS)
- STABILIZE ALL DISTURBED AREAS AS PER 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SEDIMENT AND EROSION CONTROL. (2 WEEKS)
- REMOVE SEDIMENT CONTROL DEVICES AND EXTEND OUTFALL PIPE FROM TRAP #3 AS PER STORM DRAIN PLANS.

BY THE ENGINEER:
"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 it was prepared in accordance with the requirements of the Howard Soil Conservation District."
Brian J. Donald
1-29-87
Date

SEEDING SPECIFICATIONS

- TEMPORARY SEEDING NOTES**
- Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.
- Seeded Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.
- Mulching:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using such anchoring tool or 218 gallons per acre (5 gal./100 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (18 gal./100 sq. ft.) for anchoring.
- Maintenance:** Inspect all seeded areas and make needed repairs, replacement and reseeding.
- Soil Amendment:** Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq. ft.). Where soil is highly acidic, apply dolomitic limestone at the rate of 1 ton per acre.
- Seeding:** For periods March 1 thru April 30 and from August 15 thru November 15, seed with 140 lbs. per acre of annual ryegrass (1.7 lbs./1000 sq. ft.). For the period May 1 thru August 14, seed with 3 lbs. per acre of creeping lovegrass (.07 lbs./1000 sq. ft.). For the period November 16 thru February 28, protect site by applying 7 tons per acre of well-encased straw mulch and seed as soon as possible in the spring, or use sod.
- Mulching:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gal. per acre (18 gal./100 sq. ft.) for anchoring.
- Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR rate and methods not covered.
- PERMANENT SEEDING NOTES**
- Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.
- Seeded Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.
- Soil Amendment:** 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". Lawns or high maintenance areas will be dragged and leveled with a York rake. At the time of seeding, apply 400 lbs. of 30-0-0 ureaform fertilizer and 500 lbs. of 10-20-20 or equivalent fertilizer per acre.
- Seeding:** For the periods March 1 thru April 30, and August 15 thru October 15, seed with 40 lbs. per acre (1 lb./1000 sq. ft.) of a mixture of certified "Merion" Kentucky bluegrass, common Kentucky bluegrass # 40 lbs. per acre (1.0 lb./1000 sq. ft.) and Red Fescue, Pennlawn, or Jamestown # 20 lbs. per acre (0.5 lbs./100 sq. ft.) for the period May 1 thru July 31, seed with 40-40-20 mix as specified above and 2 lbs. per acre (0.05 lbs./1000 sq. ft.) of creeping lovegrass. During the period of October 16 thru February 28, protect site by: (Option 1) 7 tons per acre of well-encased straw mulch and seed as soon as possible in the spring; (Option 2) Use sod; (Option 3) Seed with 40-40-20 mix specified above and mulch with 2 tons/acre well-anchored straw.



APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY MARYLAND
DATE 8-13-87
[Signature]

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER [Signature] DATE 10-1-87

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR [Signature] DATE 10-5-87
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
[Signature] DATE 10-2-87

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND ROADS
DIRECTOR [Signature] DATE 11-29-87
CHIEF, BUREAU OF ENGINEERING [Signature] DATE 1-25-87
HOWARD SOIL CONSERVATION DISTRICT
THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
DISTRICT [Signature] DATE 1
APPROVED HOWARD SOIL CONSERVATION DISTRICT
REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET TECHNICAL REQUIREMENTS
SIGNATURE: [Signature] DATE: [Blank]
THE UNITED STATES SOIL CONSERVATION SERVICE

OWNER/DEVELOPER
WHISKEY BOTTOM LIMITED PARTNERSHIP
C/O GINGERY DEVELOPMENT GROUP
PO BOX 4446 ROCKVILLE MARYLAND 20850

2	REV. AS PER SECOND SUBMISSION COMMENTS	5-19-87
1	REV. AS PER FIRST SUBMISSION COMMENTS	3-17-87
NO	REVISION	DATE

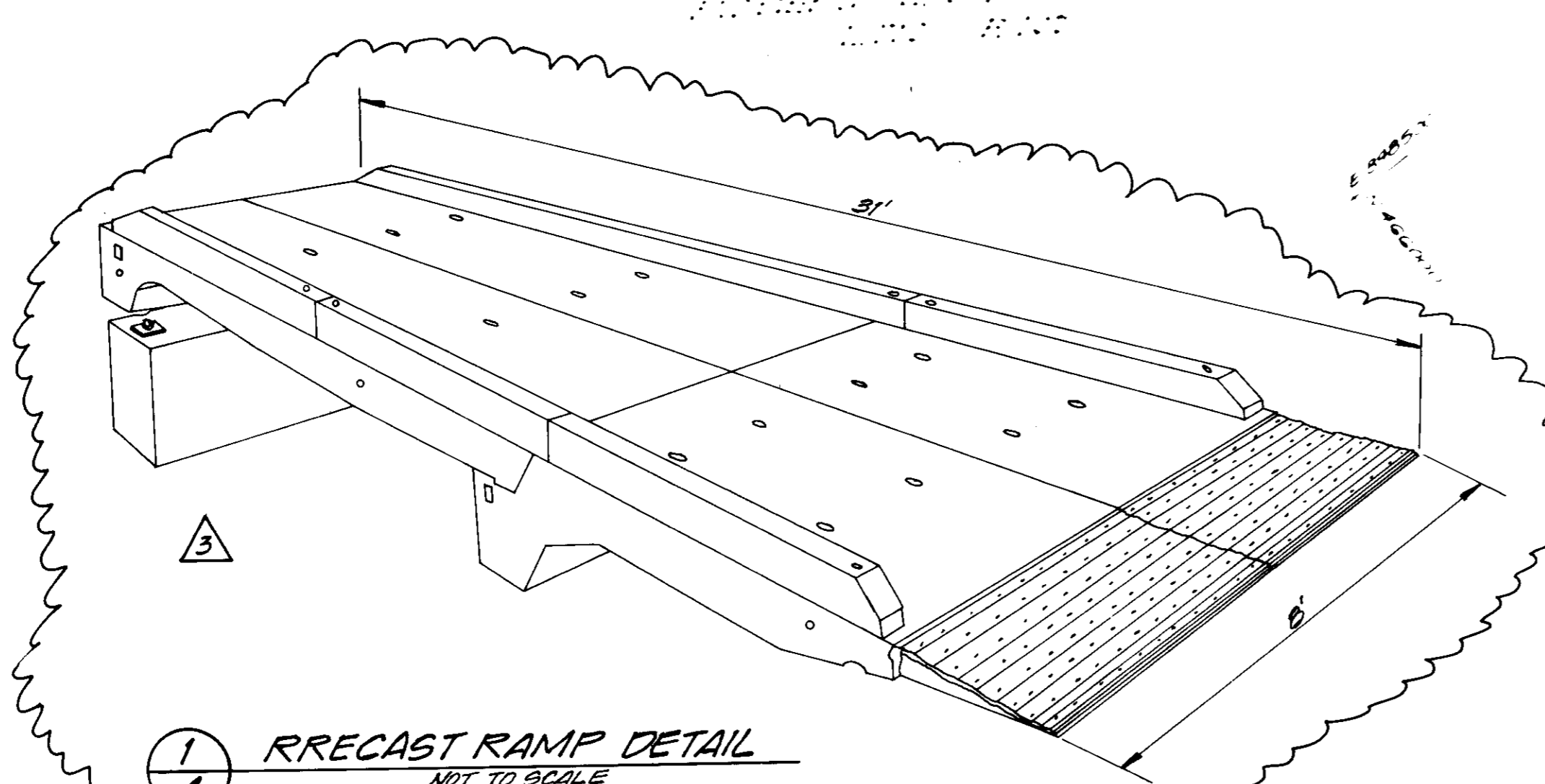
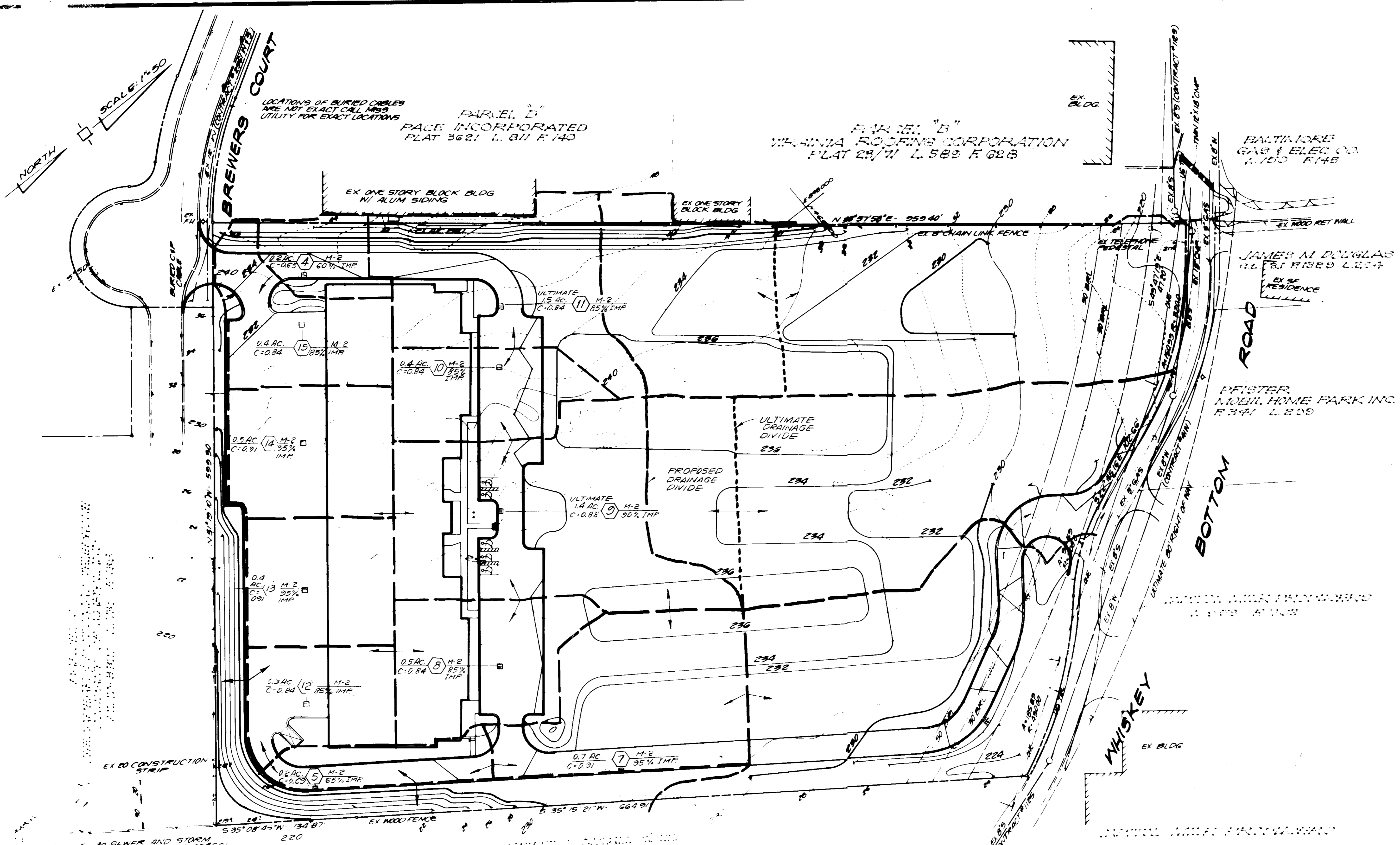
VIA ENGINEERS PLANNERS LANDSCAPE ARCHITECTS SURVEYORS
VIA INCORPORATED
8200 GREENSBORO DRIVE
SUITE 400
MCLEAN, VIRGINIA 22102 703-442-7800

PROJECT:
WHISKEY BOTTOM TRADE CENTER
HOWARD COUNTY MARYLAND
TITLE: **SEDIMENT AND EROSION CONTROL DETAILS**

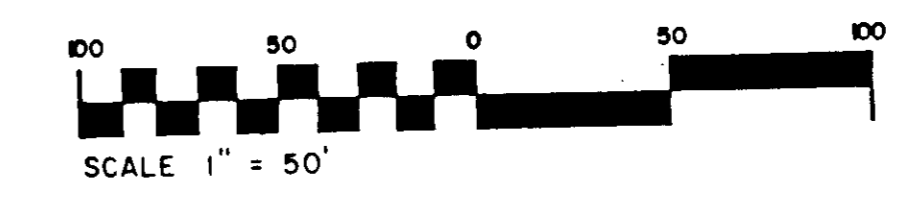
PARCEL	STREET ADDRESS
466	9115 WHISKEY BOTTOM ROAD

NAME	PROPERTY OF	SECT./AREA	LOT/PARCEL #		
METRO INDUSTRIAL PARK			466		
PLAT/DEED/LOT #	BLOCK #	ZONE	TAX/ZONE MAP	ELEC. DIST.	CENSUS TRACT
LIBI/ETIA	5	M-2	50	6TH	6253
WATER CODE	SEWER CODE	703000			
C-04		SDP # 87-140			

DESIGNED BY BJD
DRAWN BY FNS II
PROJECT NO. 5083
DATE JANUARY 1986
SCALE NONE
DRAWING NO. 3 OF 10



THIS PLAN FOR DRAINAGE STUDY PURPOSES ONLY

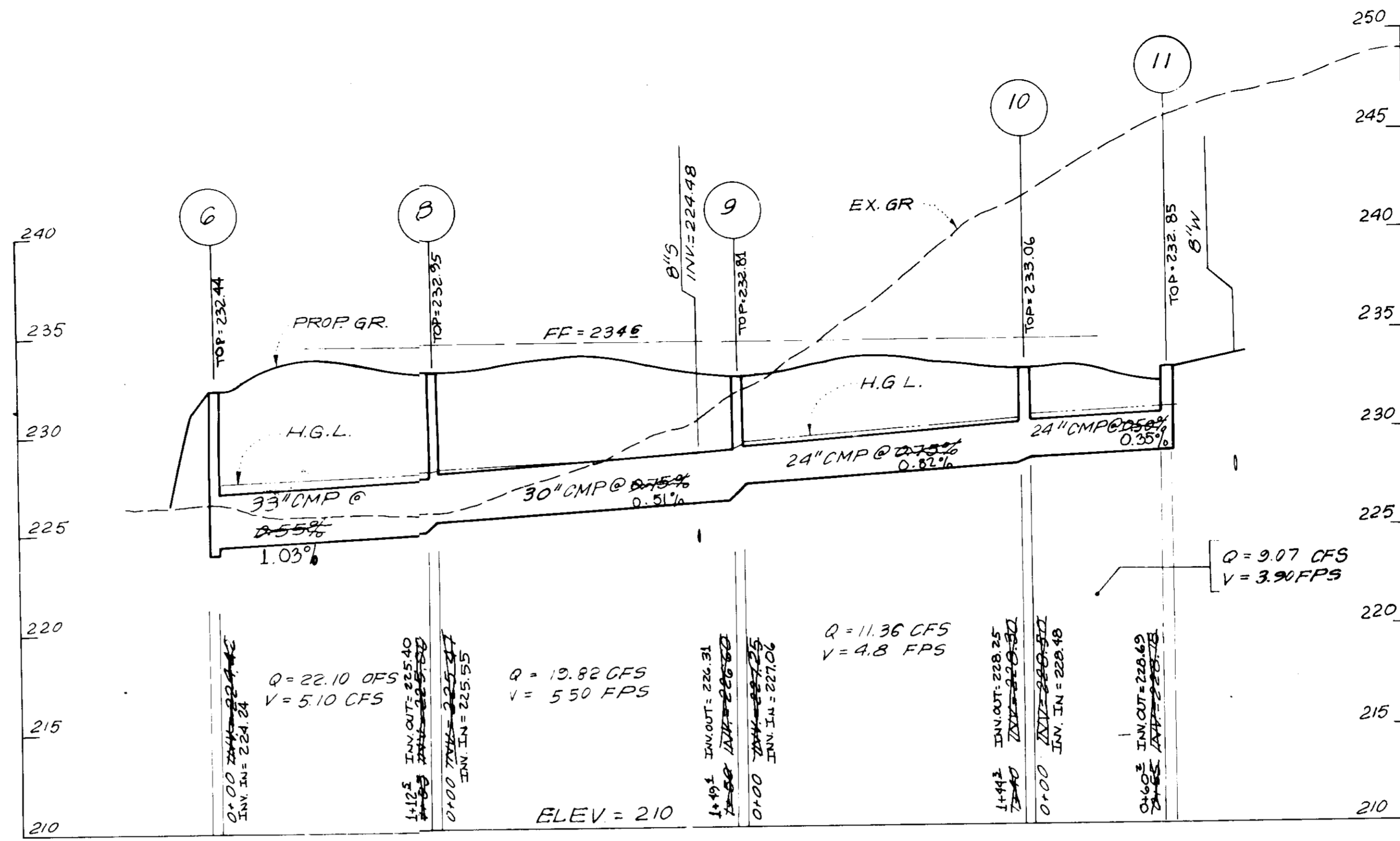
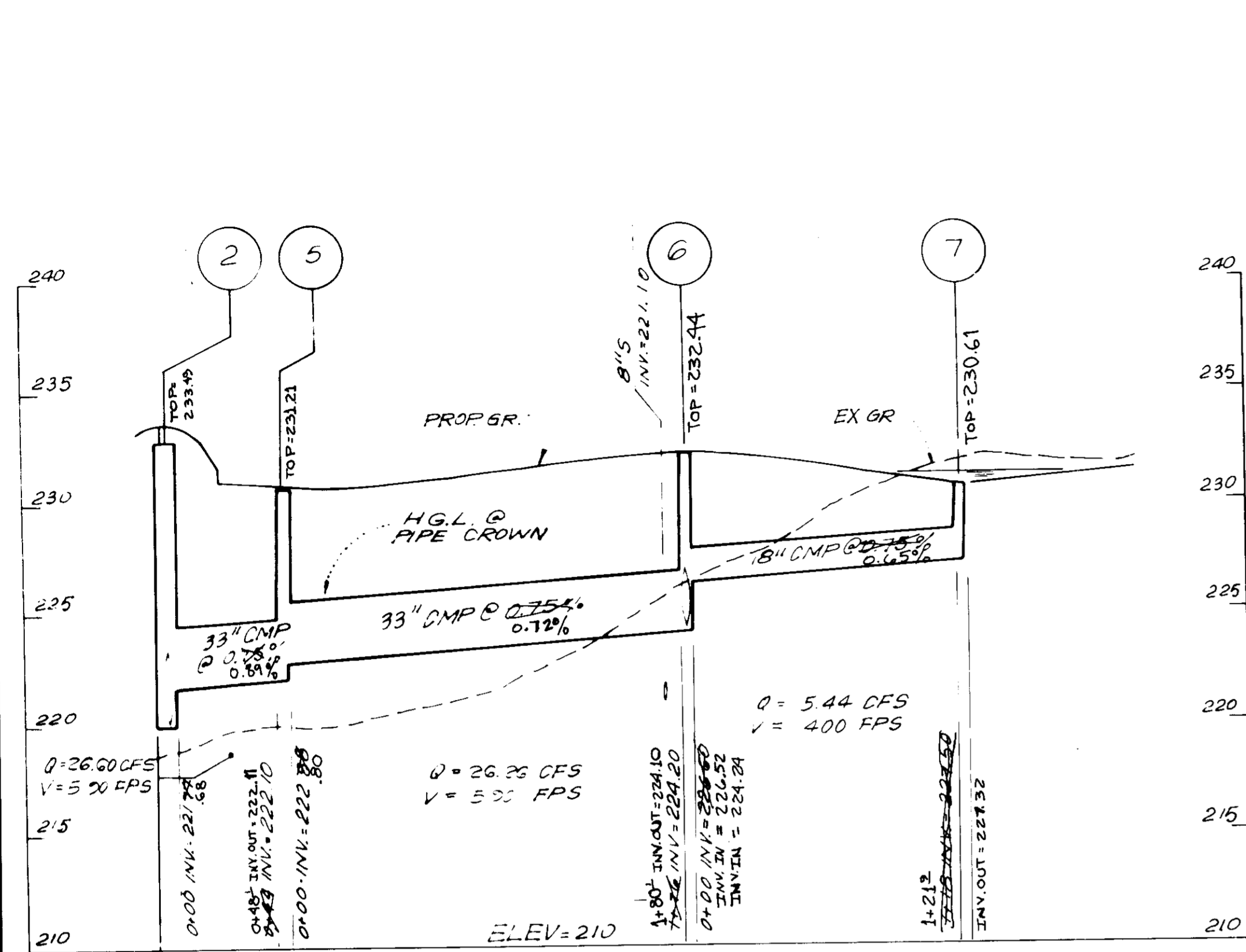


NOTE:
 1. DIRECT VEHICLE ACCESS IS RESTRICTED TO ENTRANCES INDICATED ON THIS PLAN.
 DIRECT ACCESS FROM WHISKEY BOTTOM ROAD HAS BEEN GRANTED BY HOWARD COUNTY DIVISION OF LAND DEVELOPMENT AND ZONING ADMIN. UP-84-142-A-2

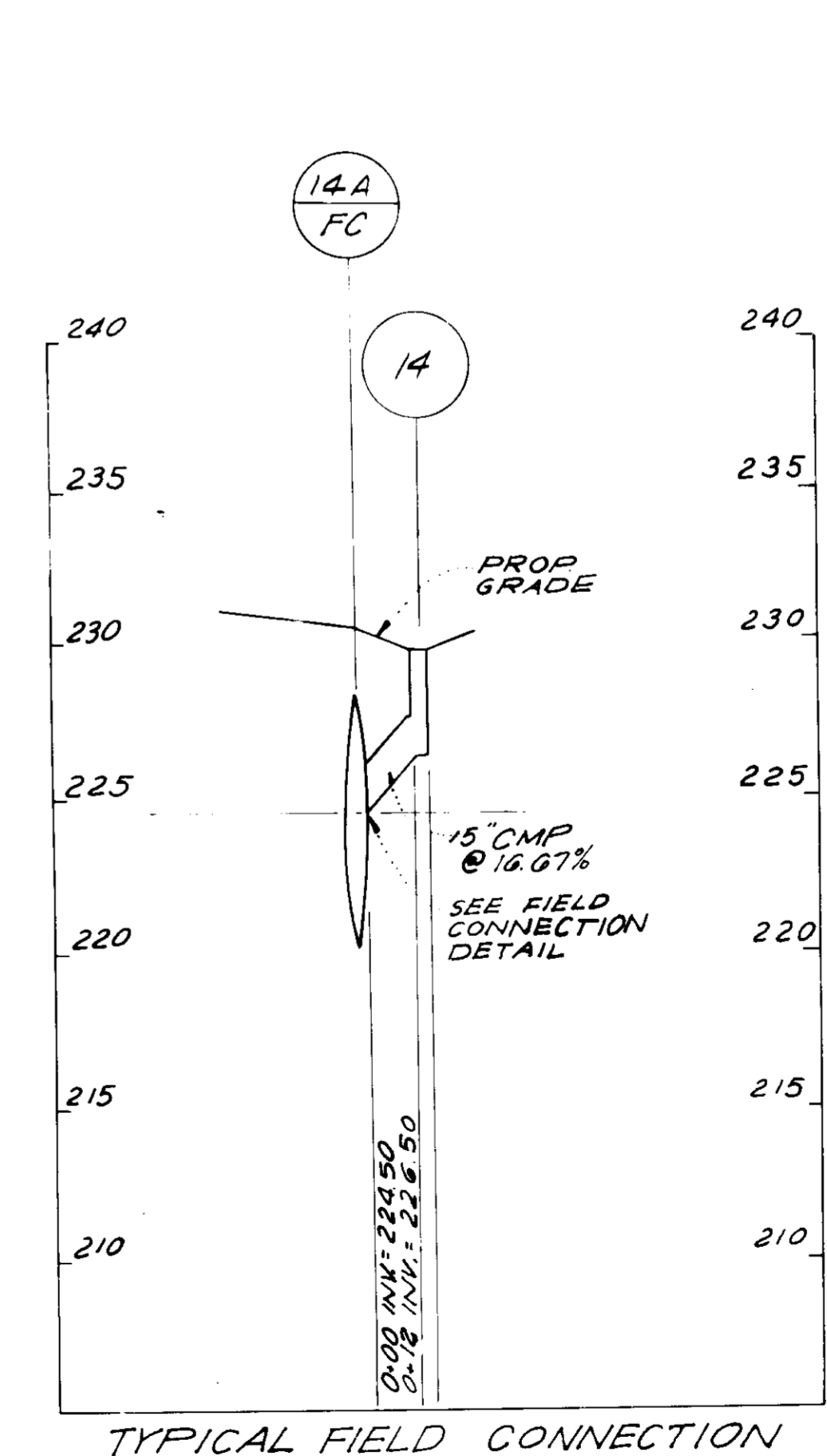
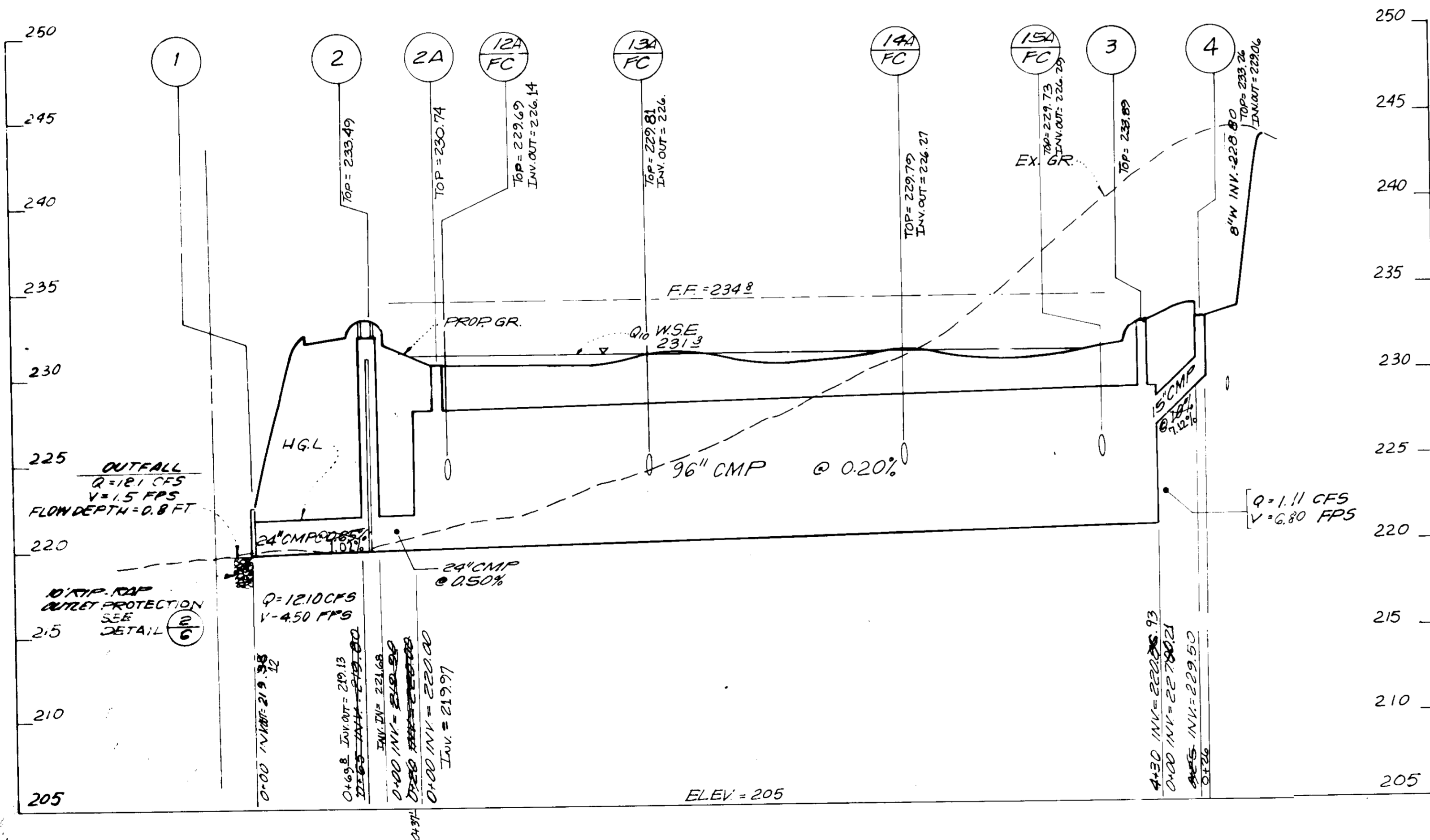
APPROVED:
 DIVISION OF LAND DEVELOPMENT
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 8-13-87
[Signature]

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM HOWARD COUNTY HEALTH DEPARTMENT COUNTY HEALTH OFFICE: <i>[Signature]</i> DATE: 10-1-87
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING PLANNING DIRECTOR: <i>[Signature]</i> DATE: 10-5-87
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION <i>[Signature]</i> DATE: 10-2-87
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS DIRECTOR: <i>[Signature]</i> DATE: 9-29-87 CHIEF BUREAU OF ENGINEERING: <i>[Signature]</i> DATE: 9-25-87
OWNER/DEVELOPER WHISKEY BOTTOM LIMITED PARTNERSHIP C/O GINGERY DEVELOPMENT GROUP PO BOX 4446 ROCKVILLE MARYLAND 20850
NO. REVISION DATE
3 ADD RAMP DETAIL DATE: 2-1-88 BY REV 25 PER SECOND SUBMISSION COMMENTS 5-10-87

VIA	ENGINEERS PLANNERS LANDSCAPE ARCHITECTS SURVEYORS
VIA INCORPORATED 8200 GREENSBORO DRIVE SUITE 400 MCLEAN, VIRGINIA 22102 703-442-7800	
PROJECT: WHISKEY BOTTOM TRADE CENTER	
HOWARD COUNTY	MARYLAND
TITLE: DRAINAGE AREA MAP	
ADDRESS	CHART
PARCEL	STREET ADDRESS
466	9115 WHISKEY BOTTOM ROAD
NAME PROPERTY OF	SECT./AREA
METRO INDUSTRIAL PARK	466
PLAT # OR L.F.	BLOCK #
LIB/E 714	5
ZONE	TAX ZONE MAP
M-2	50
WATER CODE	SEWER CODE
C-04	7103000
SDP #87-140	
DESIGNED BY BUD	
DRAWN BY RAN	
PROJECT NO. 5083	
DATE JANUARY 1986	
SCALE 1" = 50'	
DRAWING NO. 4 OF 10	



PROFILE SCALE
HOR.: 1"=50'
VERT.: 1"=5'



APPROVED
DIVISION OF LAND DEVELOPMENT
ZONING ADMINISTRATION
HOWARD COUNTY MARYLAND
DATE: 8-13-87

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER: [Signature] DATE: 10-1-87
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR: [Signature] DATE: 10-5-87
CHIEF, DIVISION OF LAND DEVELOPMENT
AND ZONING ADMINISTRATION
[Signature] DATE: 10-2-87
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM
DRAINAGE SYSTEMS AND ROADS
DIRECTOR: [Signature] DATE: 9-25-87
CHIEF BUREAU
OF ENGINEERING: [Signature] DATE: 9-25-87

OWNER/DEVELOPMENT
WHISKEY BOTTOM LIMITED PARTNERSHIP
C/O GINGERY DEVELOPMENT GROUP
PO BOX 4446 ROCKVILLE MARYLAND 20850

NO.	REVISION	DATE
2	REV. AS PER SECOND SUBMISSION COMMENTS	5-19-87
1	REV. PER FIRST SUBMISSION COMMENTS	3-20-87

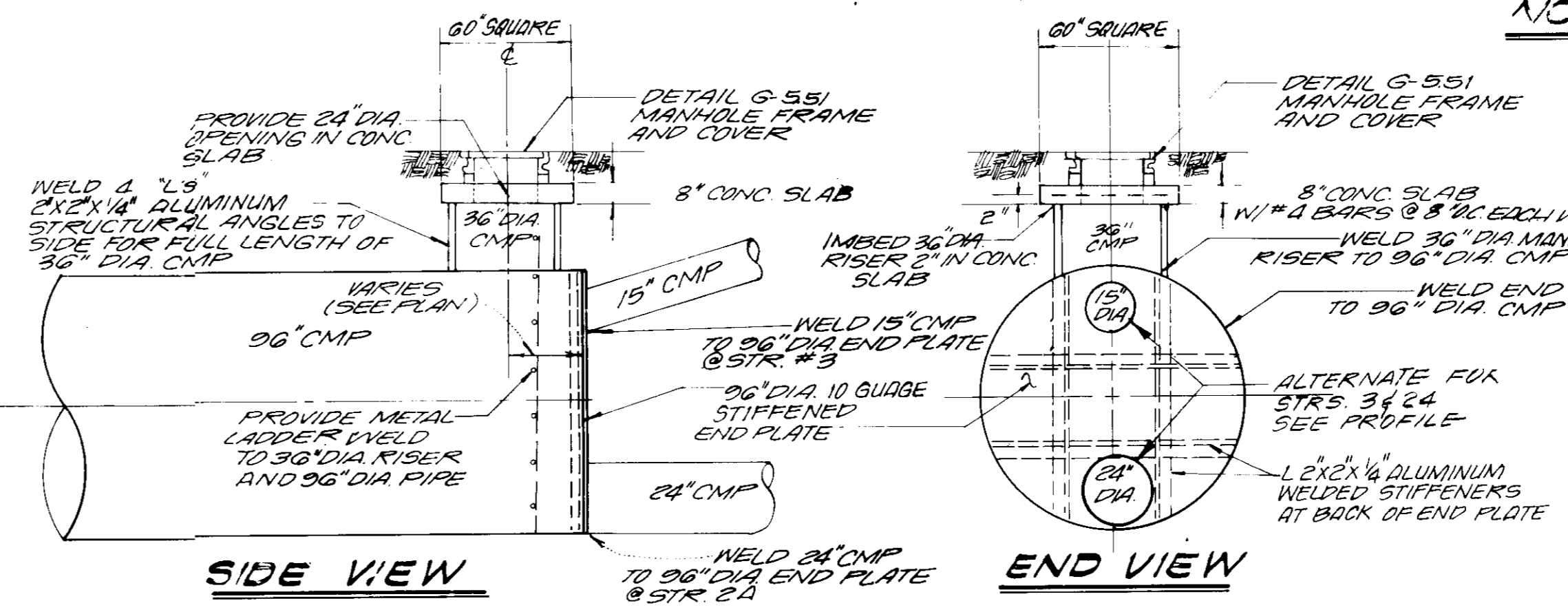
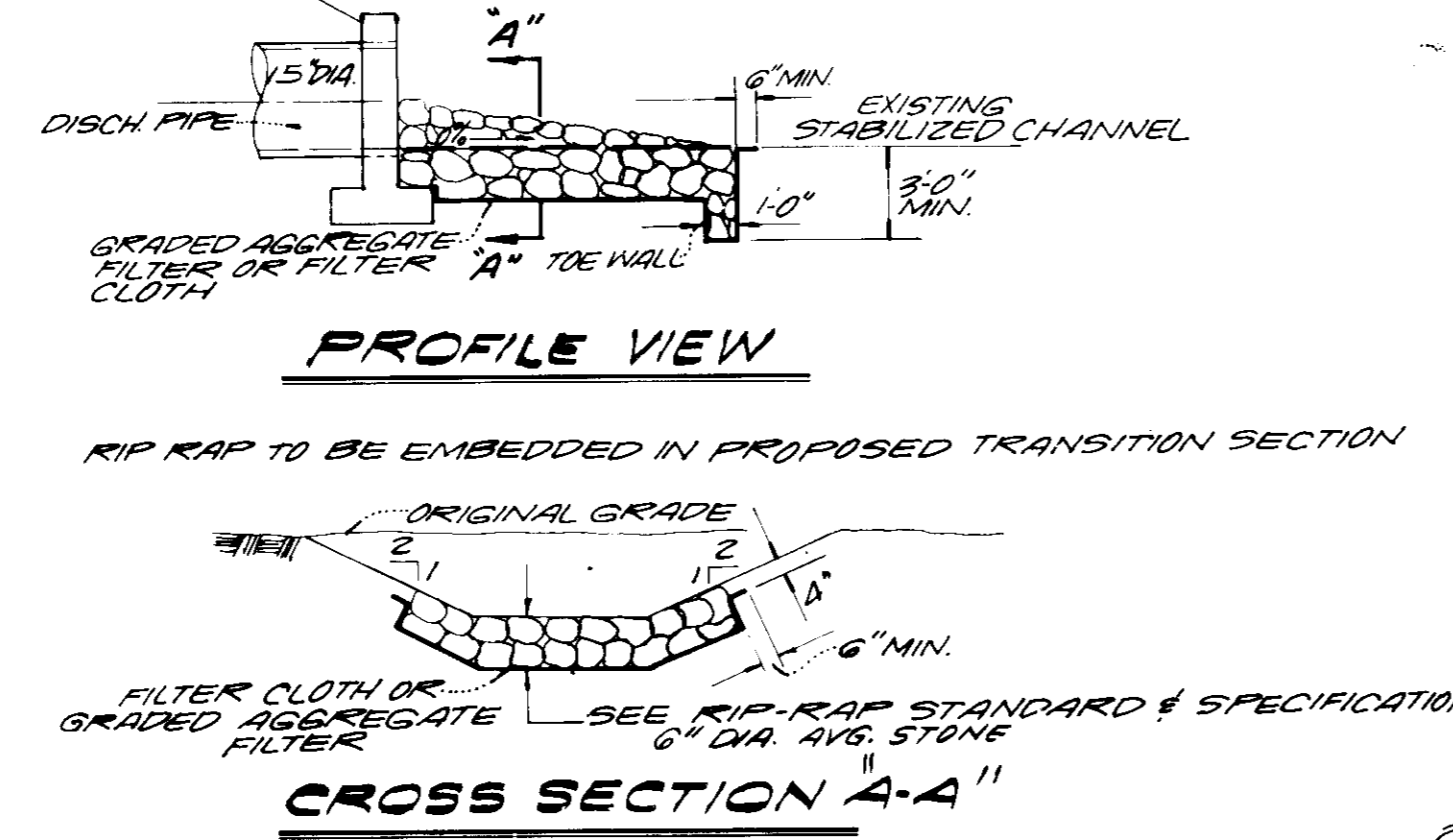
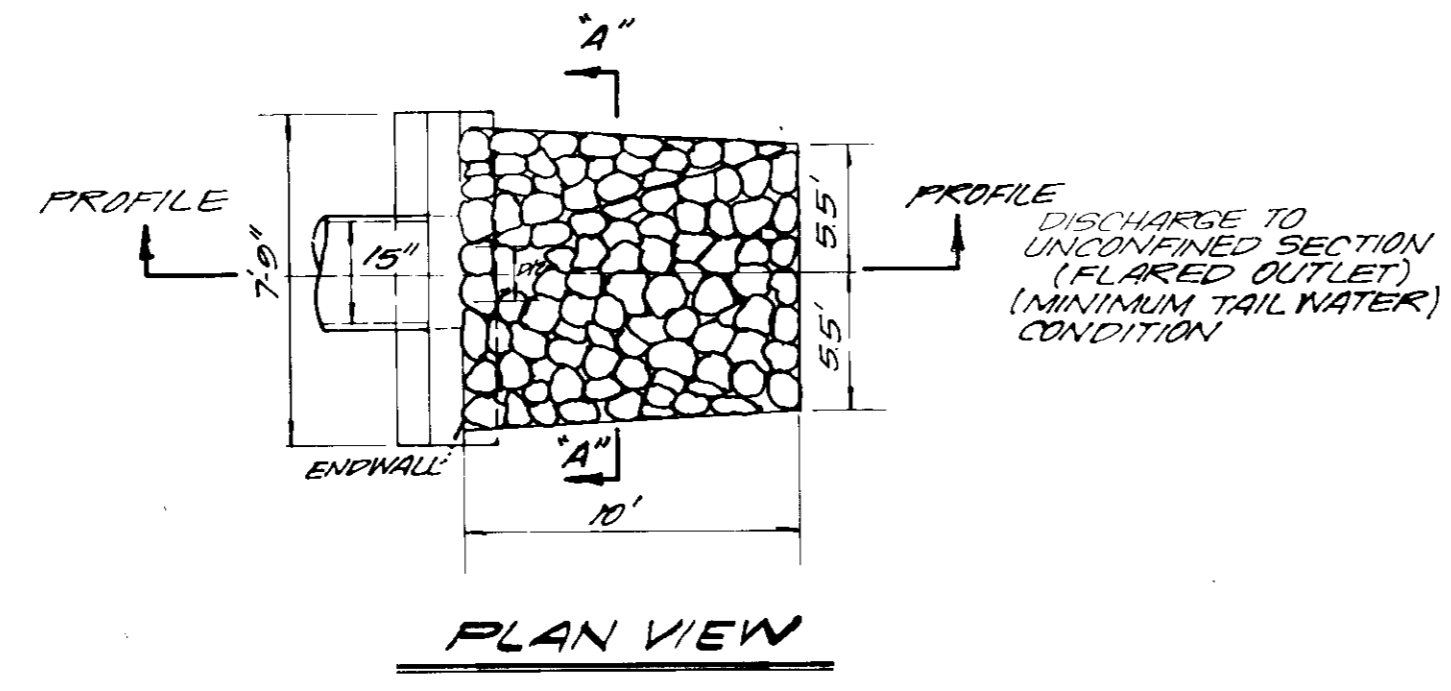
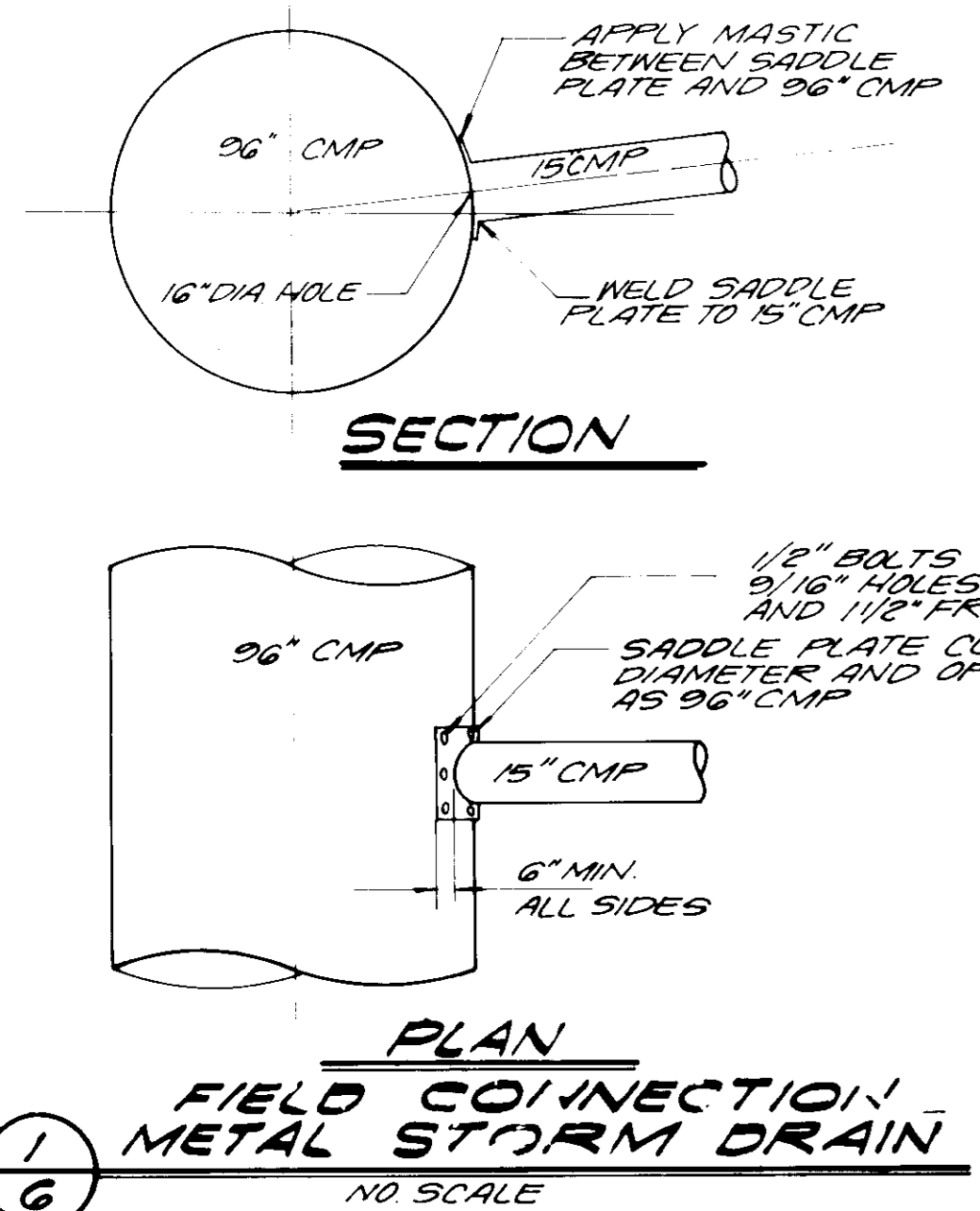
VIA ENGINEERS
PLANNERS
LANDSCAPE ARCHITECTS
SURVEYORS
8200 GREENSBORO DRIVE
SUITE 400
MCLEAN, VIRGINIA 22102 703-442-7800

PROJECT:
WHISKEY BOTTOM TRADE CENTER
HOWARD COUNTY MARYLAND
TITLE: **STORM DRAIN PROFILES**

ADDRESS	CHART
PARCEL	STREET ADDRESS
466	2115 WHISKEY BOTTOM ROAD

NAME: PROPERTY OF	SECT / AREA	LOT / PARCEL
METRO INDUSTRIAL PARK		466
PLAT OR L/T	BLOCK	ZONE
LIB 116-714	5	M-2
TAX / ZONE MAP	ELEC DIST	CENSUS TRACT
50	GTH	6463
WATER CODE: C-04	SEWER CODE:	
		7103000

DESIGNED BY: BJD
DRAWN BY: OB
PROJECT NO: 5083
DATE: JANUARY 1986
SCALE: AS SHOWN
DRAWING 5 OF 10



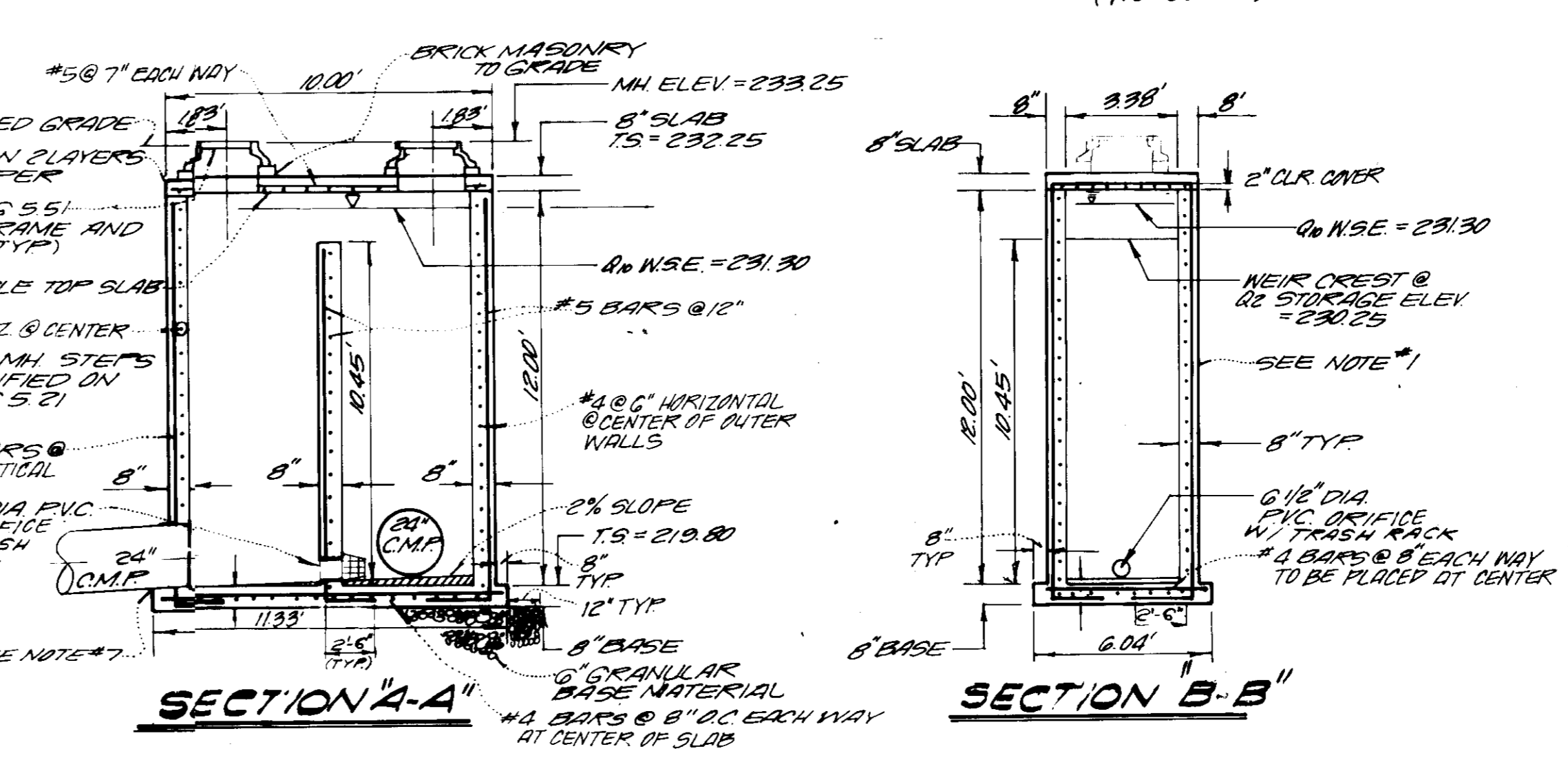
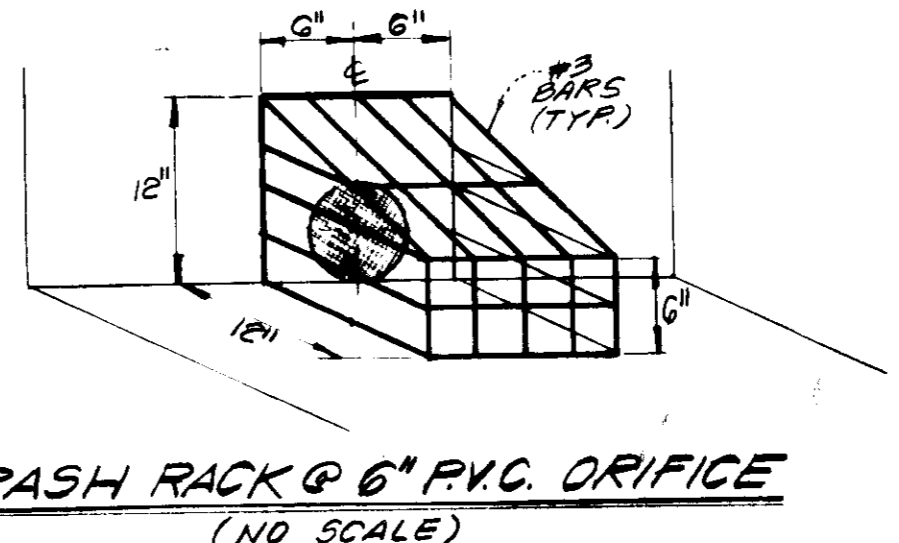
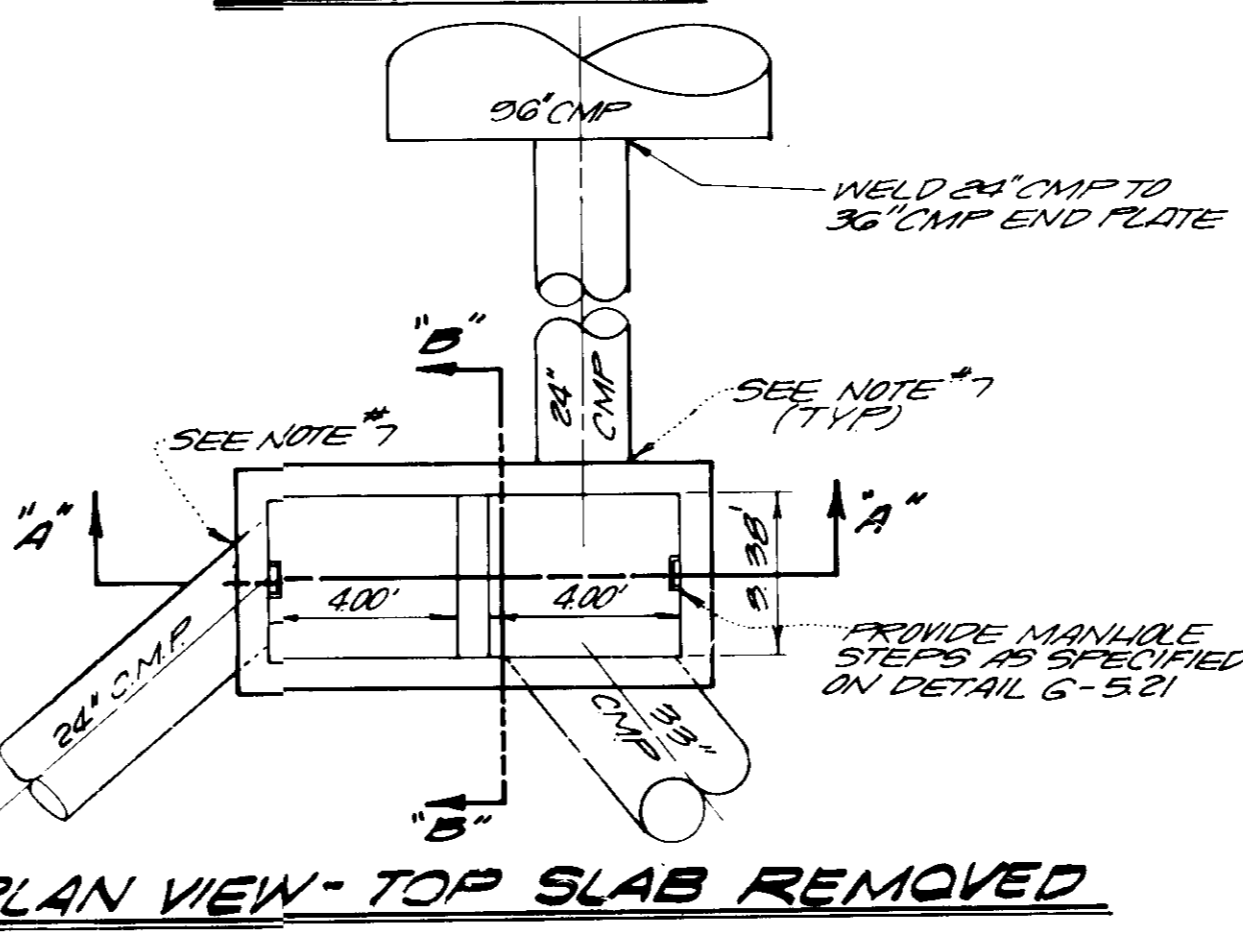
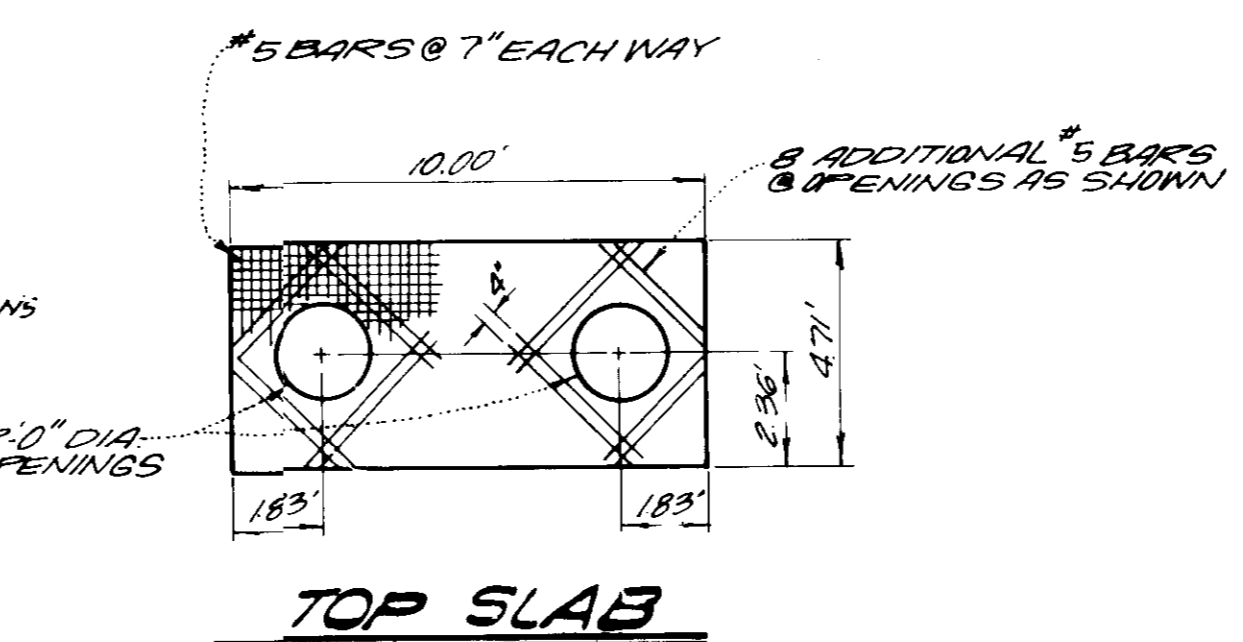
3 96" END CAP & ACCESS MANHOLE
SCALE: 1/4" = 1'-0"

- NOTES FOR 96" CMP SWM PIPE**
- 96" CMP SHALL BE 10 GAUGE ALUMINUM WITH 1" X 3" CORRUGATIONS.
 - 96" CMP SHALL BE INSTALLED WITH A MINIMUM COVER OF 1.5 FEET BASED ON 15 - 20 VEHICLE LOADING.
 - ALL ALUMINUM SURFACES WHICH COME IN CONTACT WITH CONCRETE SHALL BE COATED WITH AN APPROVED ZINC CHROMATE PRIMER TO ISOLATE THE MATERIALS AND PREVENT CORROSION.
 - THE 96" CMP IS TO BE BEDDED IN 12" OF GRANULAR FILL MATERIAL COMPACTED TO FILL THE INVERT CORRUGATIONS. THE CULVERT BED SHALL BE PLACED TO UNIFORM GRADE AND LINE TO AVOID DISTORTIONS OF THE INVERT.
 - THE 96" CMP SHALL NOT BE INSTALLED IN CONTACT WITH ANY DISSIMILAR METAL OBJECTS THAT COULD PROMOTE BI-METALLIC CORROSION.
 - COMPACTION AND BACKFILL:
 - UNDERCUT TO REMOVE ANY UNSUITABLE MATERIAL UNDER THE CULVERT. IT SHOULD BE FREE FROM ROCK FORMATIONS, PROTRUDING STONES, FROZEN LUMPS, ROOTS AND OTHER FOREIGN MATTER.
 - SILTY AND CLAYEY SOILS (SM, SC, GM, GC, ML AND CL) SHOULD BE COMPACTED AT OPTIMUM MOISTURE CONTENT TO A MINIMUM RELATIVE COMPACTION OF 90% PER AASHTO T-99.
 - GRAVELS AND SAND GRAVEL MIXTURES SHOULD BE COMPACTED TO MINIMUM RELATIVE COMPACTION OF 95% PER AASHTO T-99.
 - HIGHLY PLASTIC SILTS, PLASTIC CLAYS, ORGANIC SILTS, ORGANIC CLAYS AND PEATS SHOULD NOT BE USED AS BACKFILL MATERIAL.
 - PLACE BACKFILL IN 6" TO 8" LIFTS OF NEAR EQUAL ELEVATIONS ON BOTH SIDES OF THE 96" CMP.
 - DO NOT PERMIT CROSSING OF THE CULVERT BY CONSTRUCTION VEHICLES UNTIL BACKFILL HAS BEEN COMPLETED AND COMPACTED.
 - FIELD COAT ALL PIPE CONNECTIONS WITH A MASTIC COMPOUND BEFORE ASSEMBLY OR PROVIDE NEOPRENE GASKETS TO ENSURE A WATERTIGHT SEAL AT ALL JOINTS.

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 8-13-87

NOTES FOR SWM CONTROL STRUCTURE

- STRUCTURE WALLS SHALL BE REINFORCED CONCRETE
- ALL CONCRETE SHALL BE MIX NO 3 WITH A MINIMUM FC = 4000 PSI AT 28 DAYS
- ALL BRICK SHALL MEET THE REQUIREMENTS OF ASTM DESIGNATION C-32-73 GRADE M5
- MORTAR SHALL CONFORM TO ASTM SPECIFICATION C-270 TYPE M OR S
- REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60 ALL SPLICES SHALL BE LAPPED A MINIMUM OF 24 BARS DIAMETERS MINIMUM COVER FOR ALL REINFORCING STEEL SHALL BE 2"
- REFER TO THE MARYLAND STATE HIGHWAY ADMINISTRATION AND THE HOWARD COUNTY STANDARD SPECIFICATIONS AND STANDARD DETAILS FOR MATERIALS AND METHOD OF CONSTRUCTION
- PROVIDE WATERTIGHT CONNECTION BETWEEN PIPES AND STRUCTURE WALLS WITH NON-SHRINK GROUT



4 STORM WATER MANAGEMENT CONTROL STRUCTURE
SCALE: 1/4" = 1'-0"

PIPE SCHEDULE

DIA.	TYPE	CLASS	LENGTH
15"	CMP	14 GA.	73'
18"	CMP	14 GA.	118'
24"	CMP	14 GA.	280'
30"	CMP	14 GA.	150'
33"	CMP	14 GA.	325'
96"	CMP	10 GA.	430'

ALL CMP TO BE HELICAL PIPE WITH ANNULAR ENDS PROVIDE NEOPRENE GASKETS OR FIELD COAT WITH A MASTIC COMPOUND PRIOR TO ASSEMBLY FOR WATER-TIGHT CONNECTIONS.

STRUCTURE SCHEDULE

NO.	TYPE	STANDARD	TOP OF GRADE ELEV.	INVERT IN	INVERT OUT
1	12" ENDWALL	HOWARD CO SD-5.21	222.13	219.39	-
2	STORM WATER MANAGEMENT CONTROL STRUCTURE	SEE DETAIL THIS SHEET (4)	233.25	221.73 (23') 219.90 (24')	219.80
3	96" METAL END CAP & ACCESS MANHOLE	SEE DETAIL THIS SHEET (3)	234.00	227.00	220.86
4	5" COMBINATION INLET W/ RETICULAR GRATE	HOWARD CO SD-4.32 & SD-4.93	233.30	-	229.50
5	3" COMBINATION INLET W/ RETICULAR GRATE	HOWARD CO SD-4.34 & 4.93	231.30	222.88	222.10
6	5'-0" DIAMETER MANHOLE	HOWARD CO G-5.02 OR G-5.13	232.50	229.60 (18') 229.22 (23')	224.20
7	5" COMBINATION INLET W/ RETICULAR GRATE	HOWARD CO SD-4.32 & SD-4.93	230.80	-	227.50
8	5" INLET WITH RETICULAR GRATE	HOWARD CO SD-4.23 & SD-4.93	232.90	225.47	225.00
9	5" COMBINATION INLET W/ RETICULAR GRATE	HOWARD CO SD-4.32 & SD-4.93	232.90	227.25	226.60
10	5" INLET WITH RETICULAR GRATE	HOWARD CO SD-4.22 & SD-4.93	233.00	228.50	228.30
11	5" COMBINATION INLET W/ RETICULAR GRATE	HOWARD CO SD-4.32 & SD-4.93	233.00	-	228.78
12	5" INLET WITH RETICULAR GRATE	HOWARD CO SD-4.22 & SD-4.93	229.80	-	226.50
13	5" INLET WITH RETICULAR GRATE	HOWARD CO SD-4.22 & SD-4.93	229.80	-	226.50
14	5" INLET WITH RETICULAR GRATE	HOWARD CO SD-4.22 & SD-4.93	229.80	-	226.50
2A	96" METAL END CAP & ACCESS MANHOLE	SEE DETAIL THIS SHEET	230.78	-	220.00
15	5" INLET WITH RETICULAR GRATE	HOWARD CO SD-4.22 & SD-4.93	229.80	-	226.50

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER: [Signature] DATE: 10-1-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR: [Signature] DATE: 10-5-87

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
[Signature] DATE: 10-2-87

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND ROADS
DIRECTOR: [Signature] DATE: [Blank]

CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 7-25-87

OWNER/DEVELOPMENT
WHISKEY BOTTOM LIMITED PARTNERSHIP
C/O GINGERY DEVELOPMENT GROUP
PO BOX 4446 ROCKVILLE MARYLAND 20850

NO.	REVISION	DATE
1	REV AS PER SECOND SUBMISSION COMMENTS	5-10-87

VIA ENGINEERS PLANNERS LANDSCAPE ARCHITECTS SURVEYORS
VIA INCORPORATED
8200 GREENSBORO DRIVE
SUITE 400
MCLEAN, VIRGINIA 22102 703-442-7800

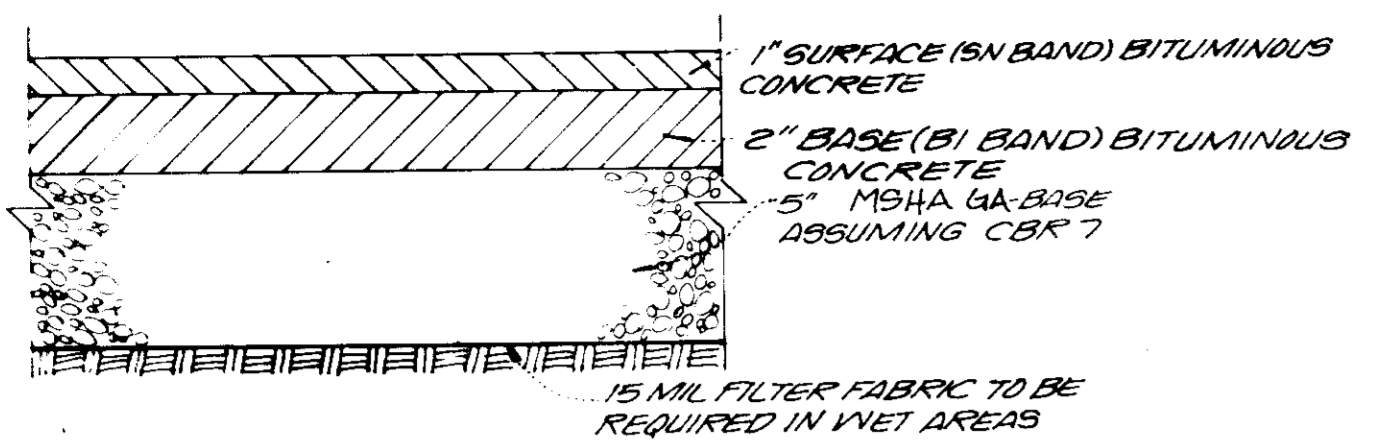
PROJECT: **WHISKEY BOTTOM TRADE CENTER**
HOWARD COUNTY MARYLAND
TITLE: **STORM DRAIN DETAIL**

PARCEL	ADDRESS	CHART
466	9115 WHISKEY BOTTOM ROAD	

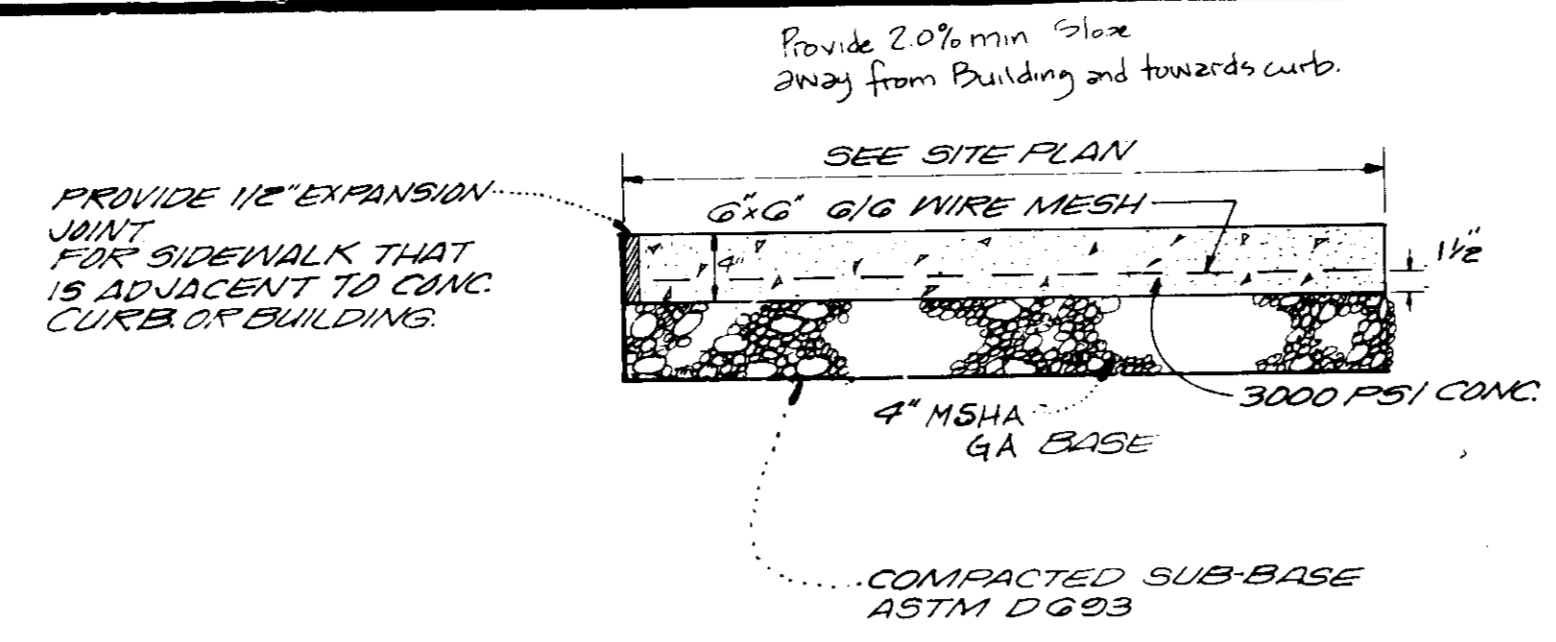
METRO INDUSTRIAL	PROPERTY OF	SECT / AREA	LOT / PARCEL
PLAY DR LTP BLOCK 5	ZONE M-2	TAX ZONE MAP ELEC DIST 50	C. TH 6063

WATER CODE: C-04 SEWER CODE: 7103000

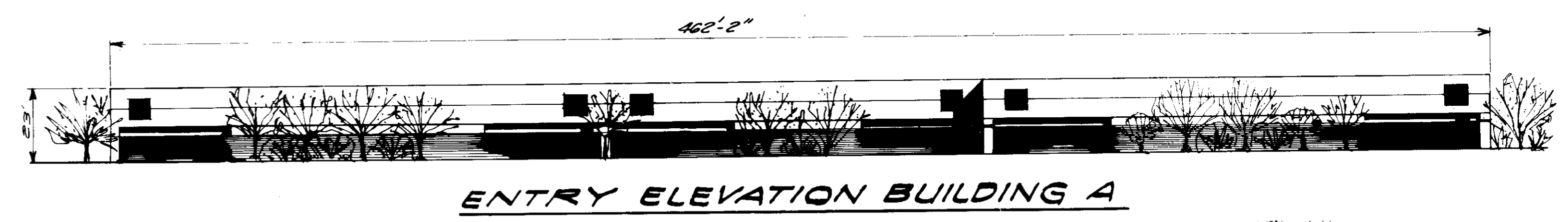
DESIGNED BY: RAN
DRAWN BY: RWSII
PROJECT NO: 5083
DATE: JANUARY 1986
SCALE: AS SHOWN
DRAWING 6 OF 10



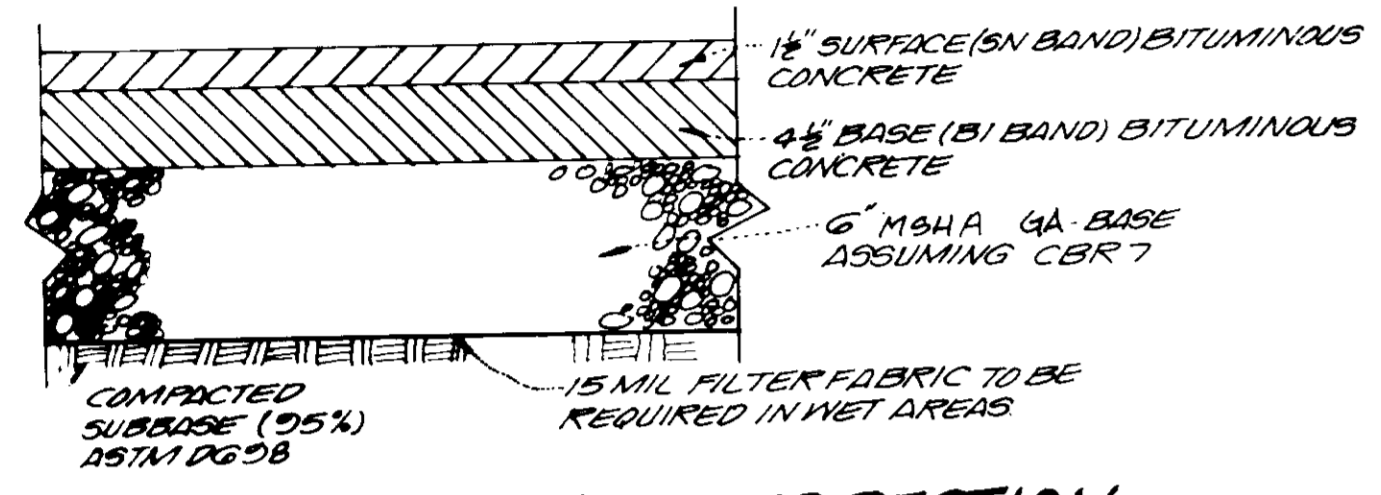
1 LIGHT DUTY PAVING SECTION
(NO SCALE) HOWARD CO. STD. R-201 (7-1)



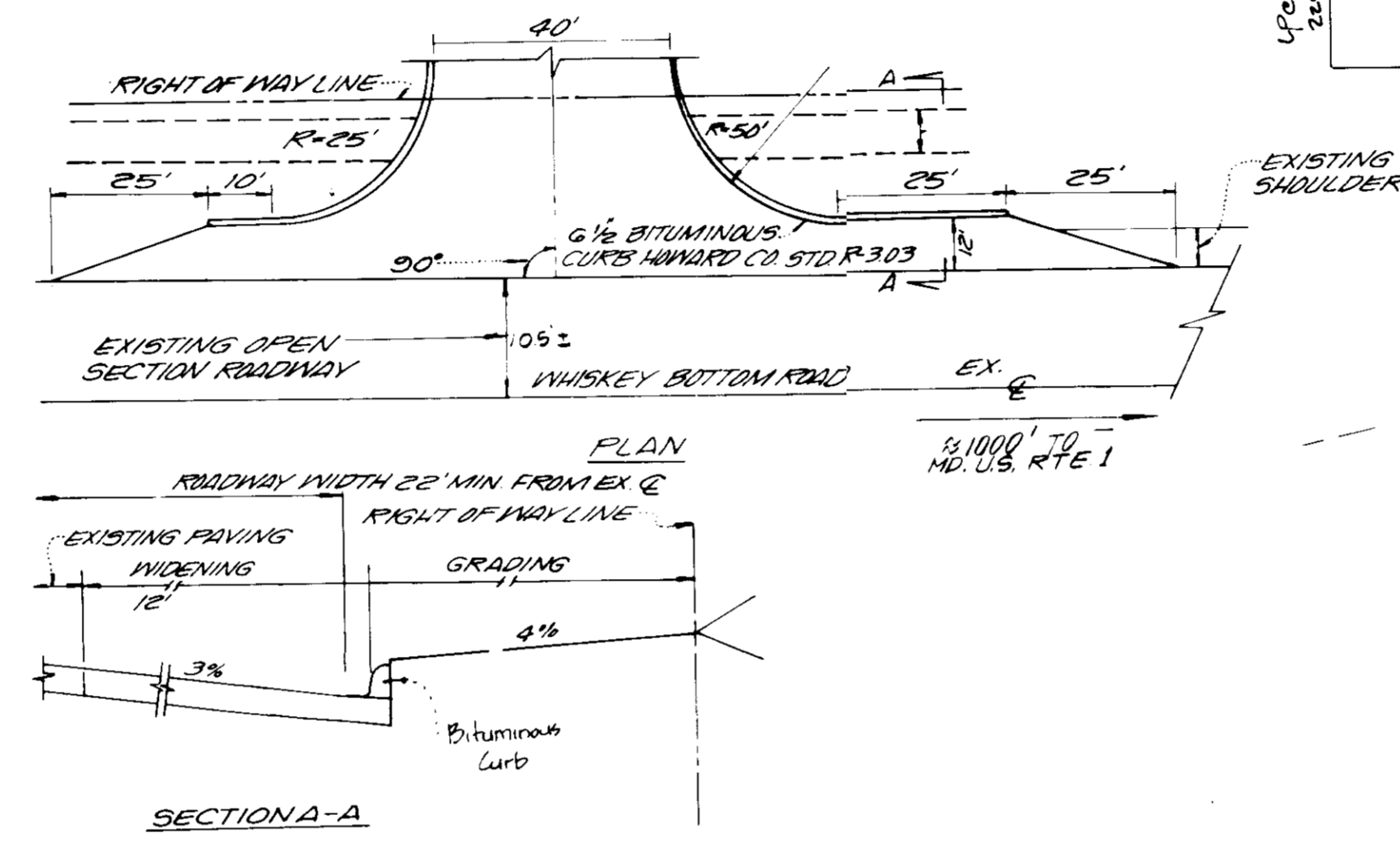
5 SIDEWALK DETAIL
(NO SCALE)



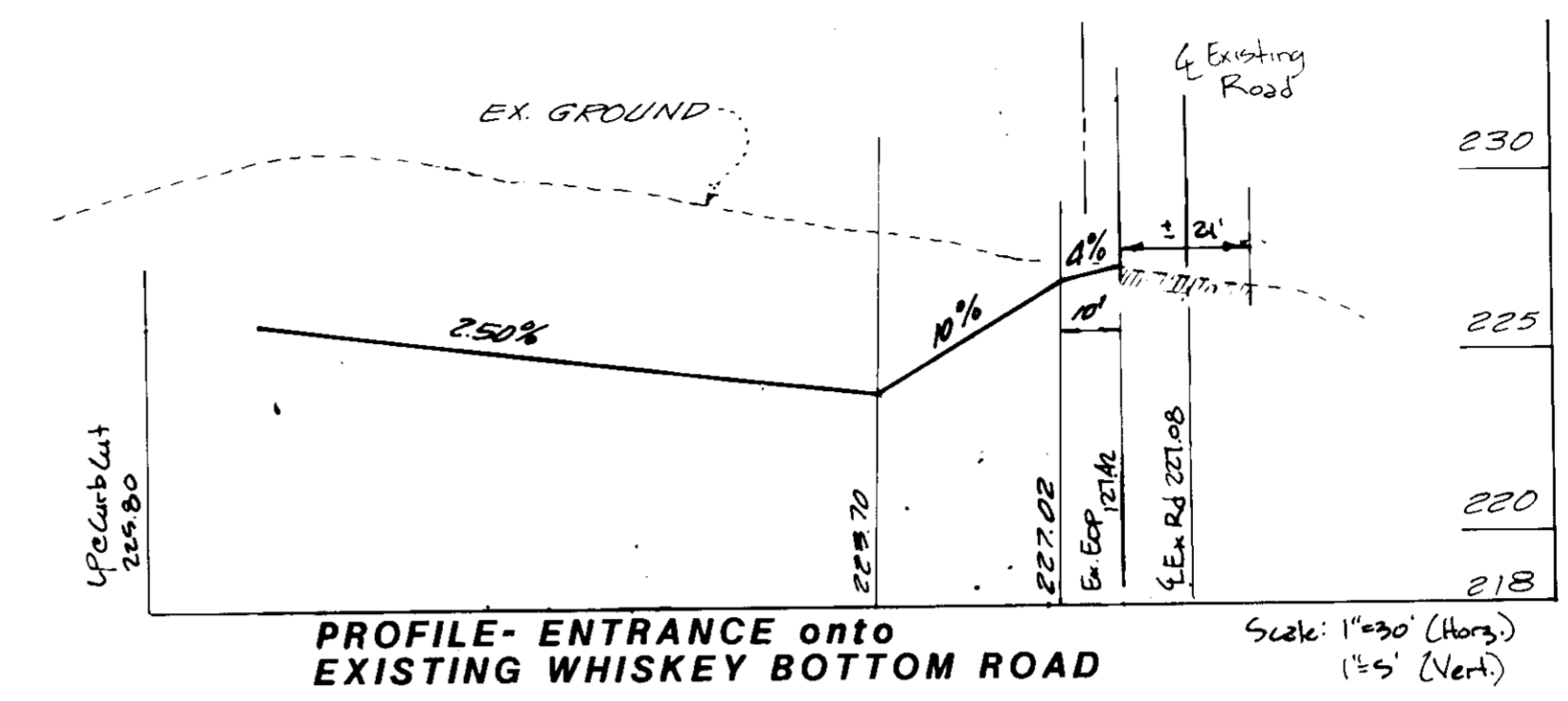
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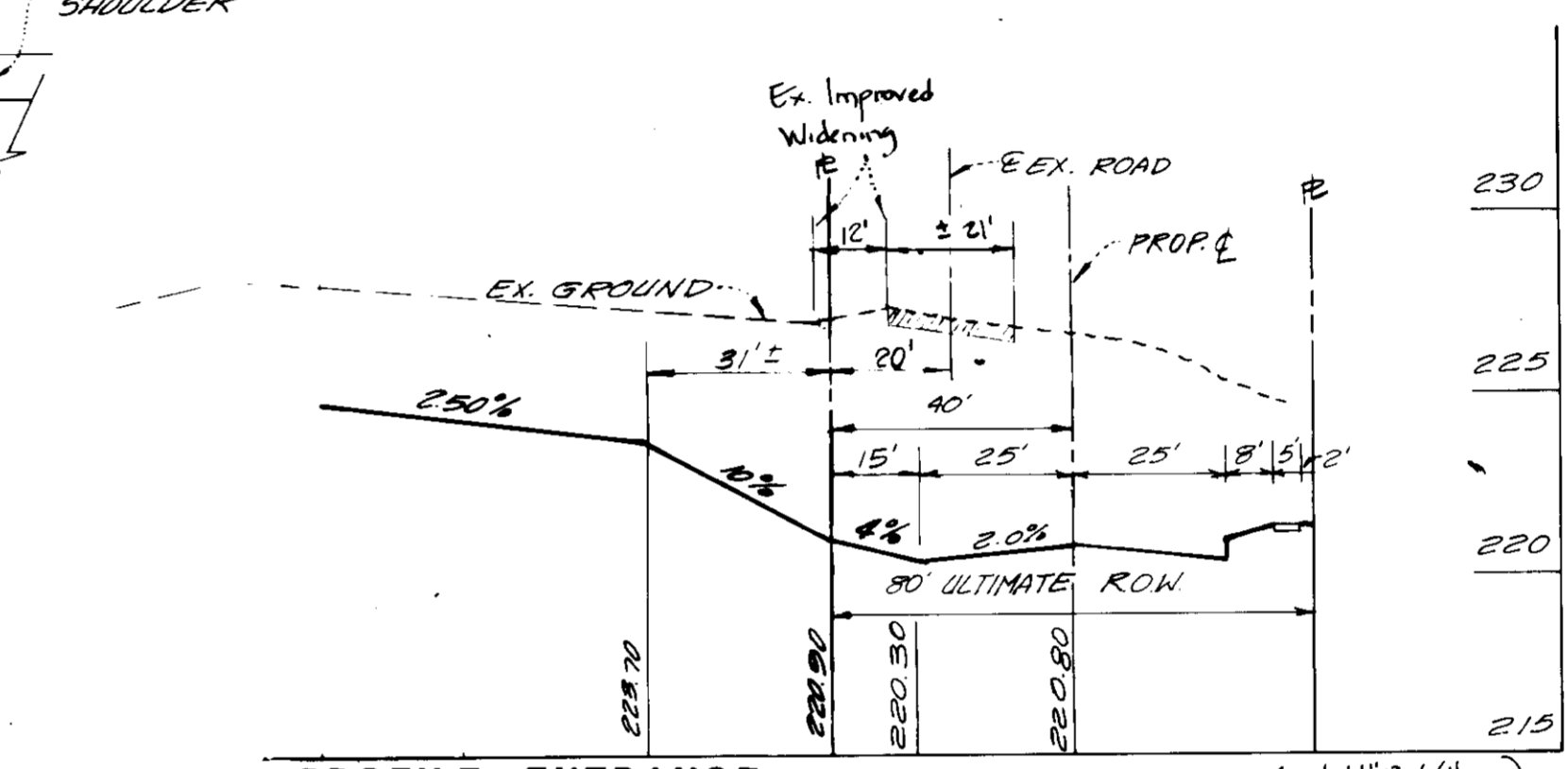
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(NO SCALE) HOWARD CO. STD. R-201 (7-3)



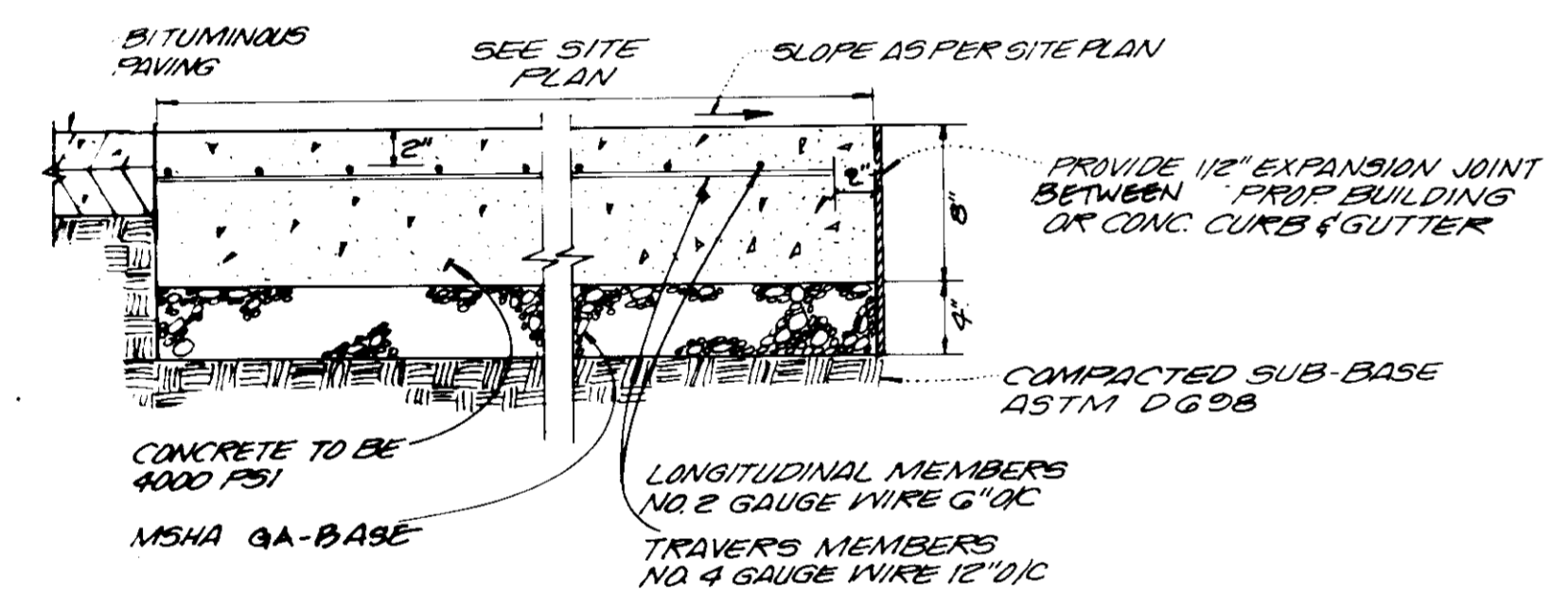
SECTION A-A



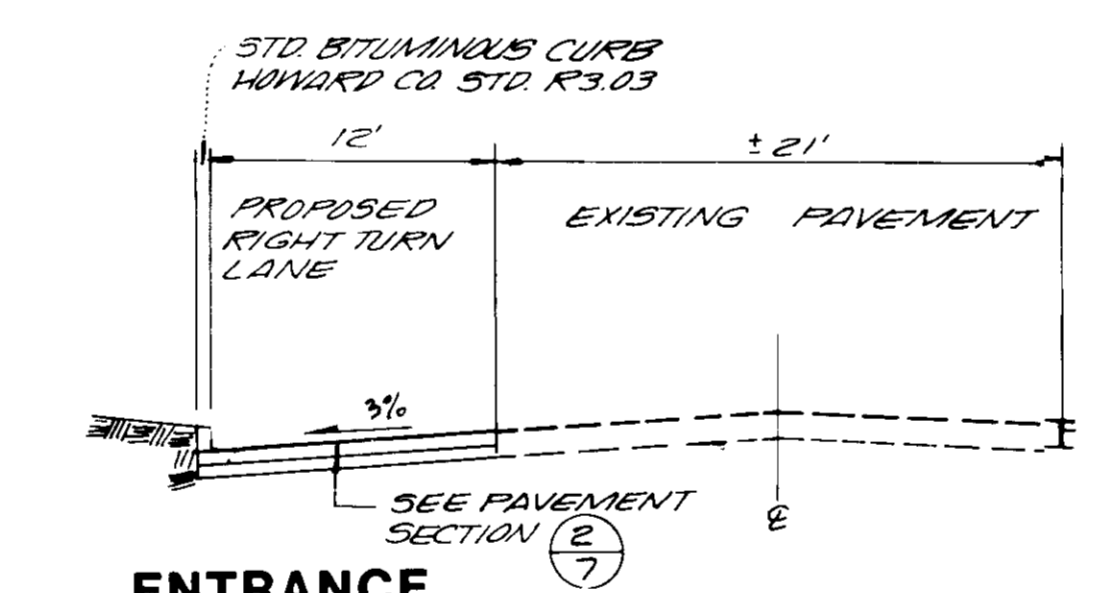
PROFILE- ENTRANCE onto EXISTING WHISKEY BOTTOM ROAD



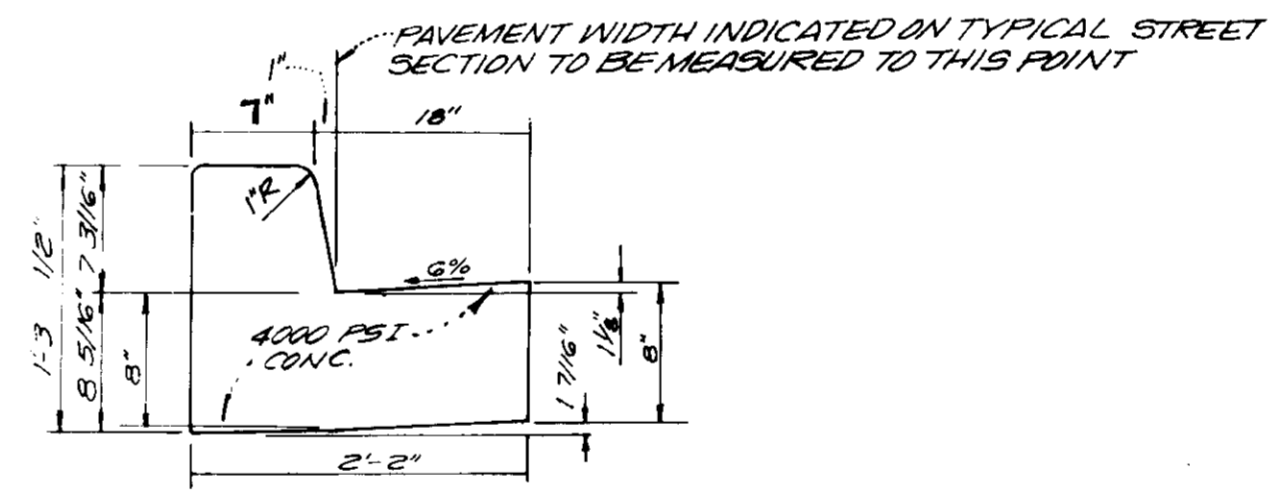
PROFILE- ENTRANCE onto ULTIMATE WHISKEY BOTTOM ROAD



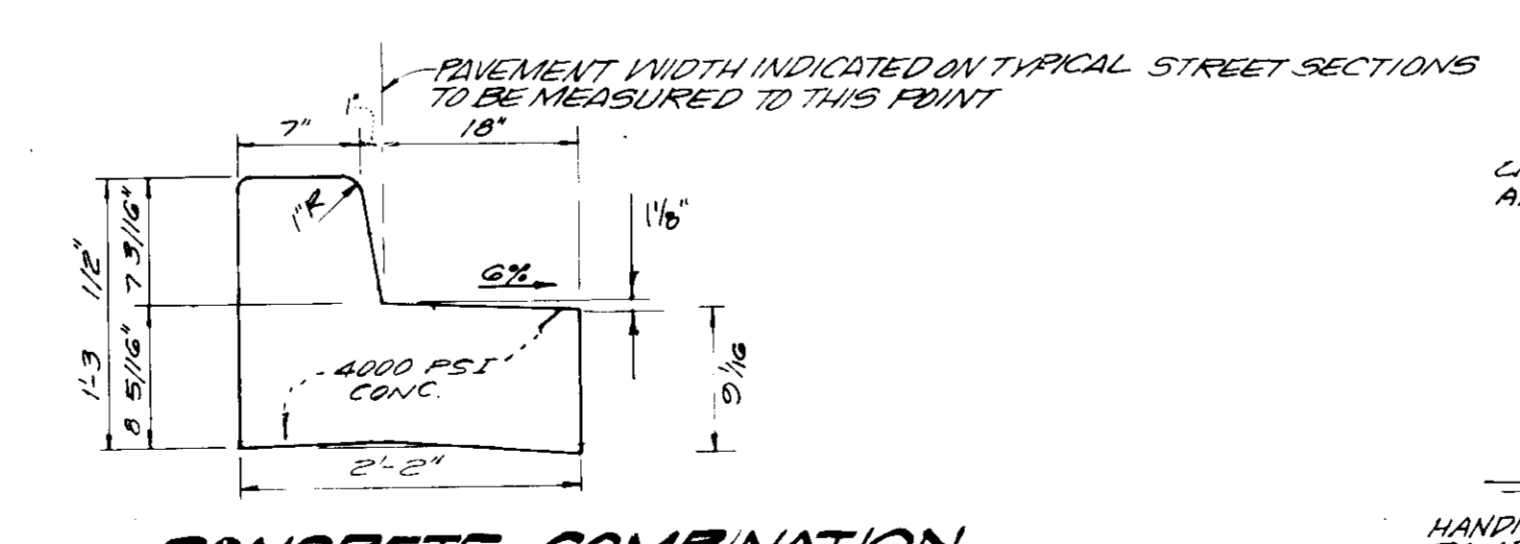
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(NO SCALE)



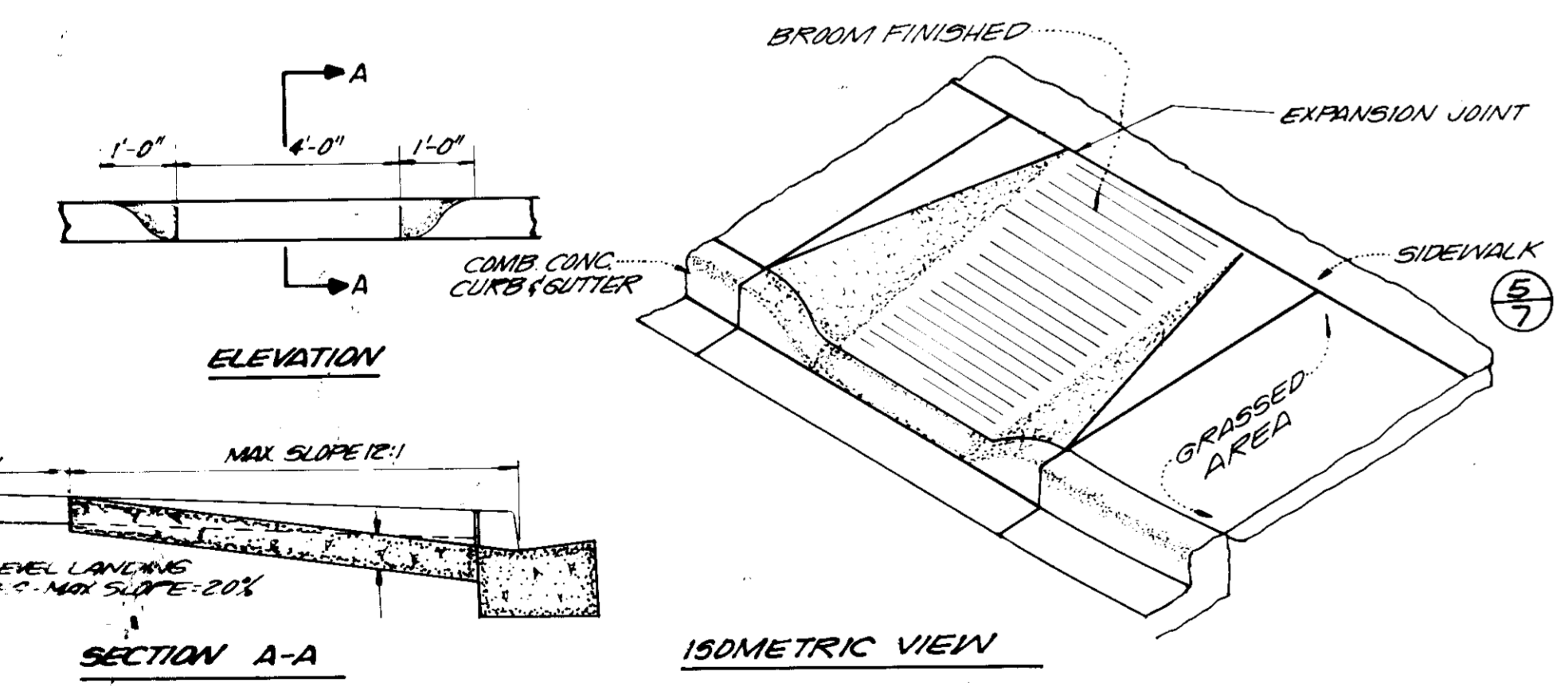
6 ENTRANCE AT WHISKEY BOTTOM ROAD
(NO SCALE)



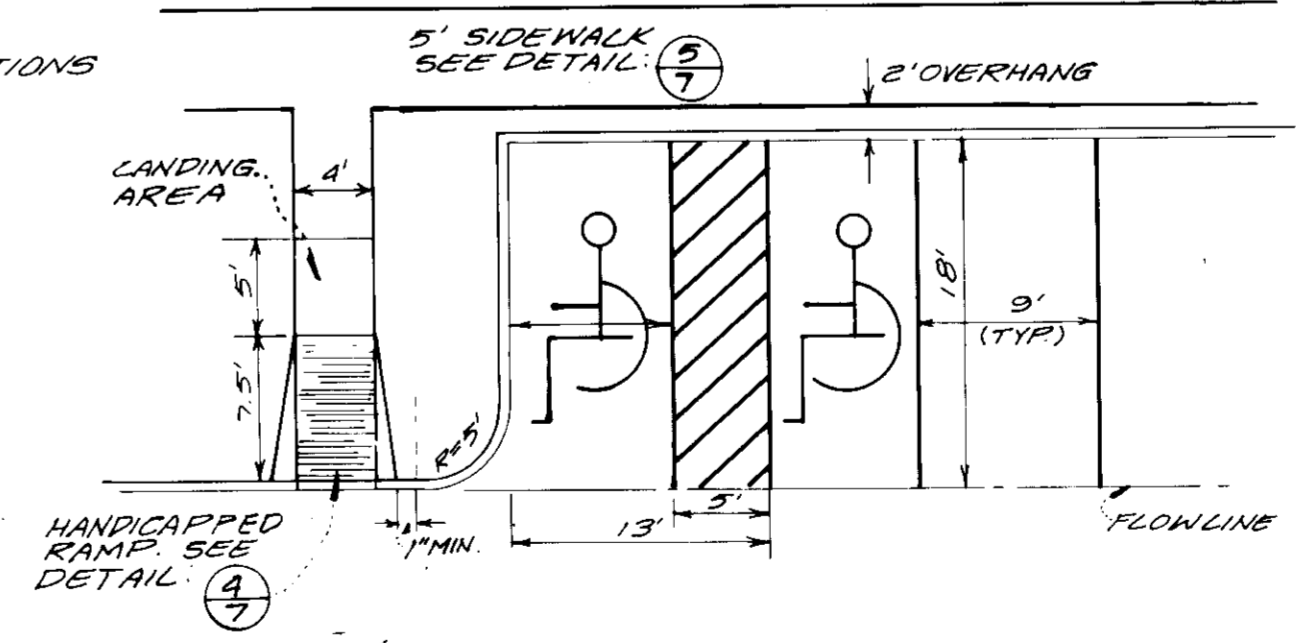
8 CONCRETE COMBINATION CURB & GUTTER
(NO SCALE)



7 CONCRETE COMBINATION REVERSE CURB & GUTTER
(NO SCALE)



4 HANDICAPPED RAMP
(NO SCALE)



9 TYPICAL PARKING STALL
Scale: 1" = 10'

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER: *[Signature]* DATE: 10-1-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR: *[Signature]* DATE: 10-5-87
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION: *[Signature]* DATE: 10-2-87

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND ROADS
DIRECTOR: *[Signature]* DATE: 1-1-87
CHIEF, BUREAU OF ENGINEERING: *[Signature]* DATE: 2-26-87

OWNER/DEVELOPER
WHISKEY BOTTOM LIMITED PARTNERSHIP
C/O GINGERY DEVELOPMENT GROUP
PO BOX 4446 ROCKVILLE MARYLAND 20850

NO.	REVISION	DATE
2	REV AS PER SECOND SUBMISSION COMMENTS	5-10-87
1	REV AS PER 1ST SUBMISSION COMMENTS	3-16-87

VIA ENGINEERS PLANNERS LANDSCAPE ARCHITECTS SURVEYORS
VIA INCORPORATED
8200 GREENSBORO DRIVE
SUITE 400
MCLEAN, VIRGINIA 22102 703-442-7800

PROJECT: **WHISKEY BOTTOM TRADE CENTER**

TITLE: **SITE DETAILS**

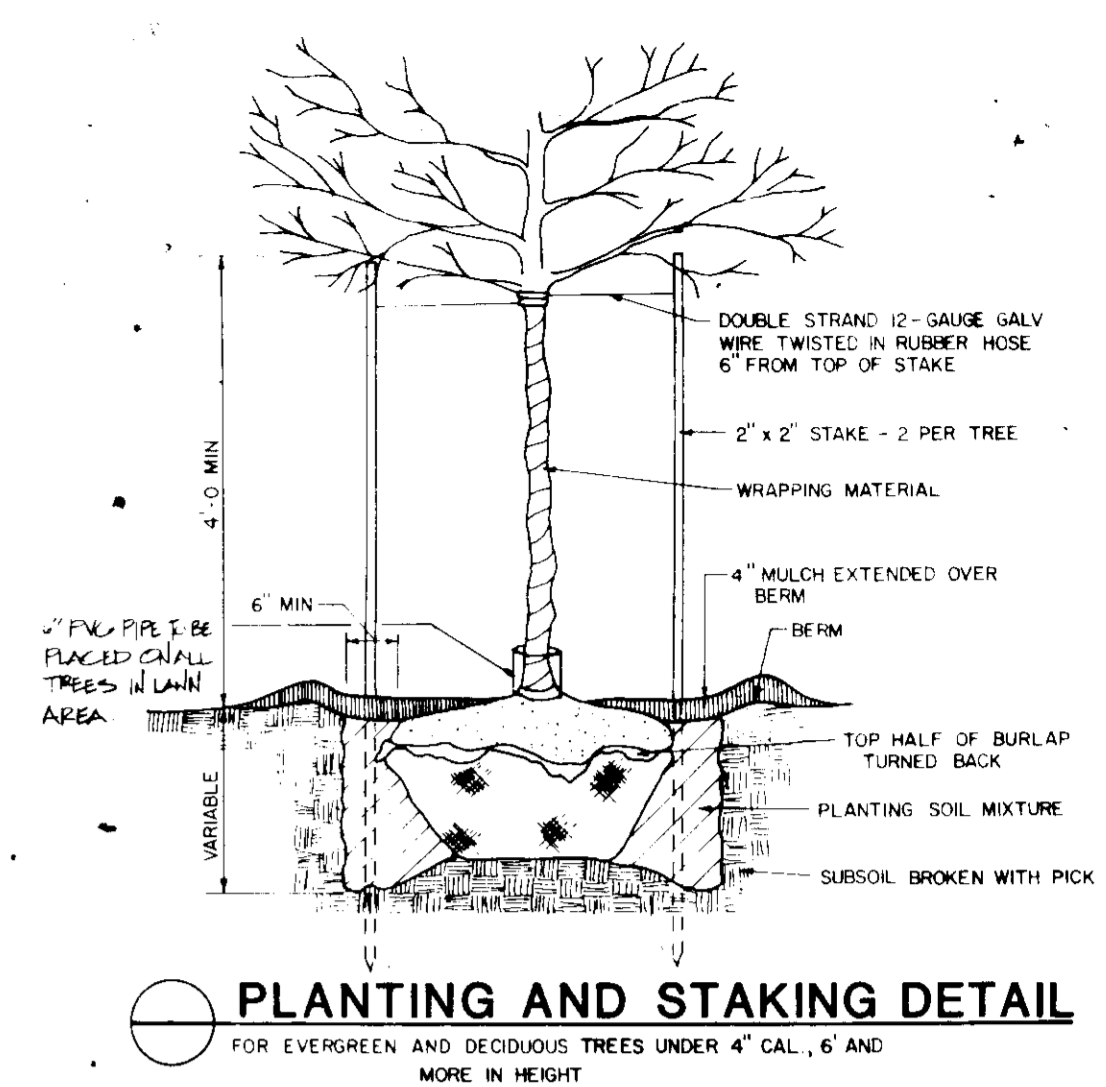
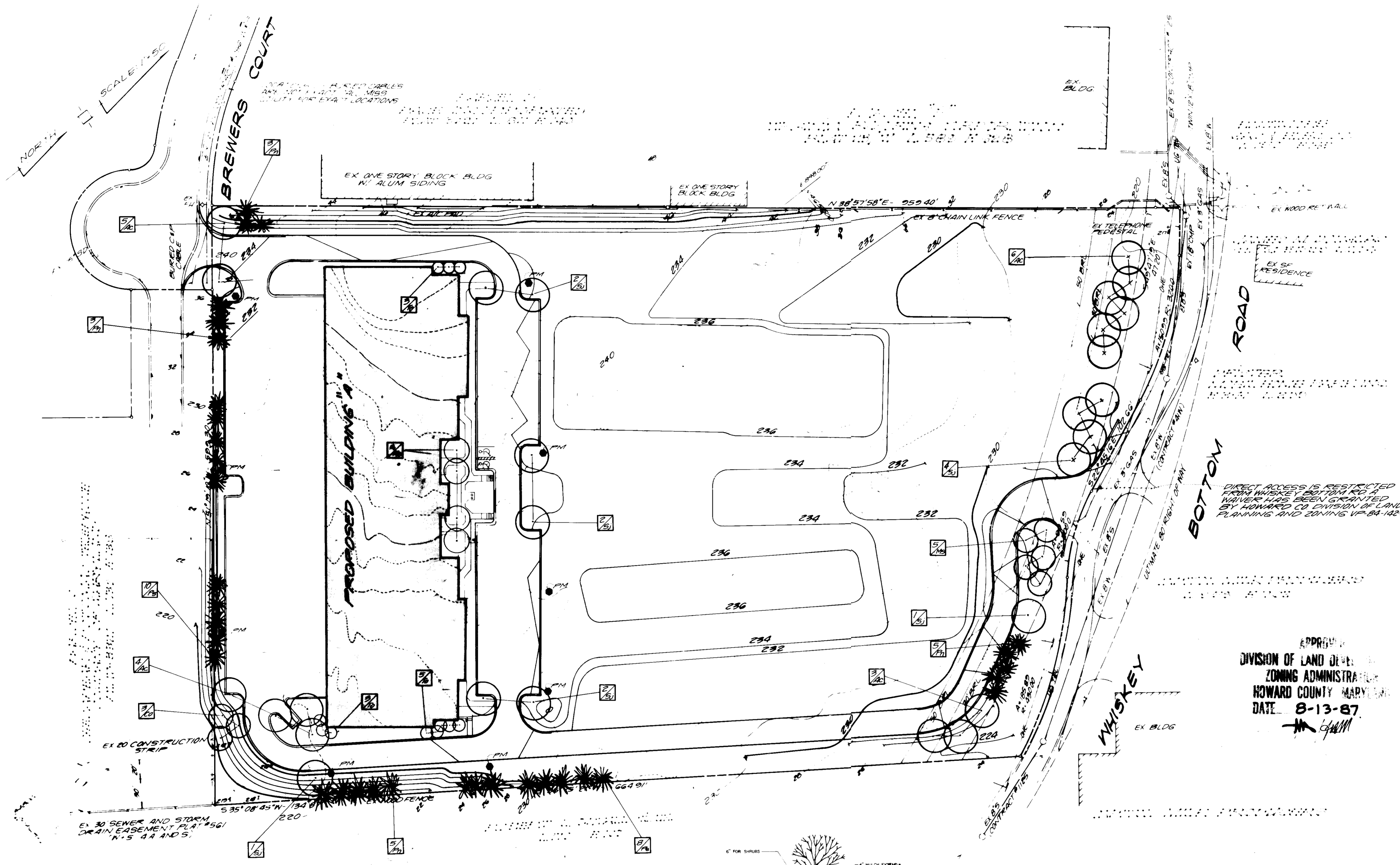
ADDRESS	CHART
466	0115 WHISKEY BOTTOM ROAD

NAME PROPERTY OF	SECT / AREA	LOT / PARCEL #
METRO INDUSTRIAL PARK	50	466
PLAT # OR L.T.	BLOCK #	TAX ZONE MAP
L181/JE74	5	M-2
		ELEC DIST
		674
		SENSITIVITY
		6063

WATER CODE: C-04 SEWER CODE: 703000

SPD# 87-140
DESIGNED BY: BJD
DRAWN BY: EB
PROJECT NO: 5083
DATE: JANUARY 1986
SCALE: AS SHOWN
DRAWING NO: 7 OF 10

[Signature] 8/12/87



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICE: *[Signature]* DATE: 10-1-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR: *[Signature]* DATE: 10-5-87

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
[Signature] DATE: 10-2-87

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND ROADS
 DIRECTOR: *[Signature]* DATE: 9-25-87

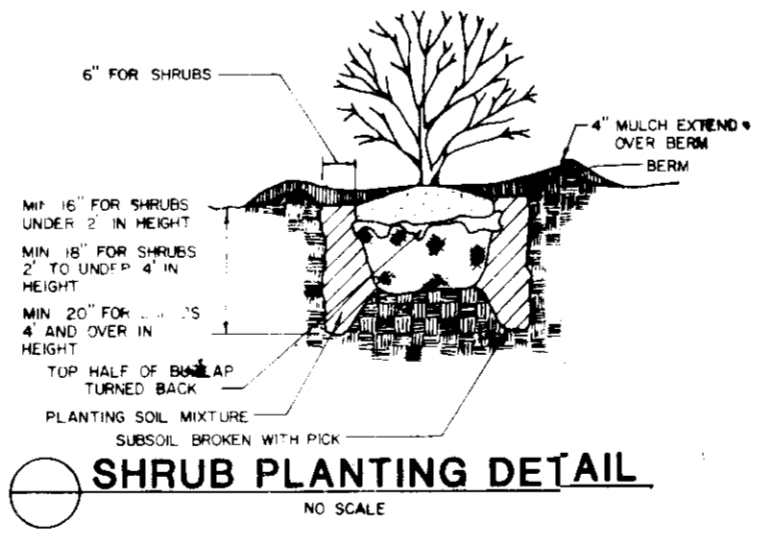
CHIEF, BUREAU OF ENGINEERING: *[Signature]* DATE: 9-25-87

OWNER/DEVELOPER
WHISKEY BOTTOM LIMITED PARTNERSHIP
 C/O GINGERY DEVELOPMENT GROUP
 PO BOX 4446 ROCKVILLE MARYLAND 20850

NO. 1 REVISIONS PER SECOND SUBMISSION COMMENTS: 5-19-87

APPROVED
 DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 HOWARD COUNTY MARYLAND
 DATE: 8-13-87
[Signature]

KEY	QUAN.	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
Ac	18	ACER SACCHARUM 'BONFIRE'	BONFIRE SUGAR MAPLE	2 1/2" CAL	
Sj	12	SOPHORA JAPONICA 'REGENT'	REGENT SCHOLAR TREE	2 1/2" CAL	
Co	3	CRATAEGUS OXYACANTHA 'SUPERBA'	CRIMSON CLOUD HAWTHORN	6-8'	
Ms	9	MALLUS 'SNOW MAGIC'	SNOW MAGIC FLOWERING CRAB	6-8'	
Fp	11	PINUS NIGRA	AUSTRIAN PINE	6-8'	
Fs	18	PINUS STROBUS	WHITE PINE	6-8'	
Tb	11	THUJA OCCIDENTALIS 'NIGRA'	DARK AMERICAN ARBORVITAE	5-6'	



Cultivation: All shrub beds shall be cultivated, edged and mulched. The area around isolated plants shall be mulched to at least a 6" greater diameter than that of the hole. Plant beds adjacent to buildings shall be mulched to the building wall. All shrubs shown are to be planted in prepared beds as follows:

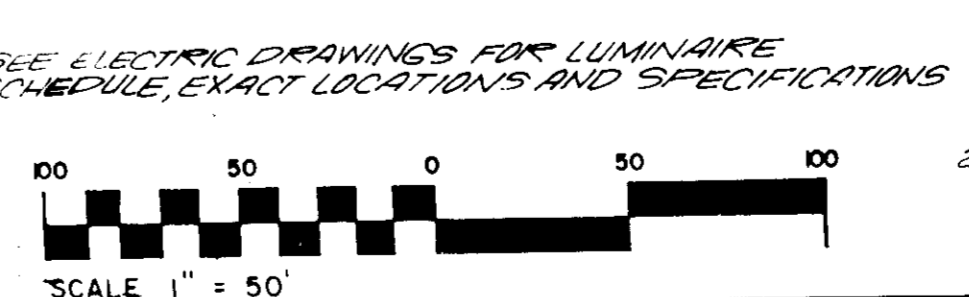
- The outline of each bed will be a smooth continuous line extending through the outside edge of the circles drawn to represent a particular mass or row.
- The shrubs will be set in the bed mulched with 2" shredded hardwood mulch and thoroughly soaked.

SOIL MIX

Normal Planting	1 part topsoil	1 part sand	1 part peat moss
Acid Loving Planting	1 part topsoil	1 part sand	1 part peat moss
Ground Cover	1 part topsoil	1 part sand	1 part peat moss

LIGHTING SCHEDULE

PM PILE MOUNT HID FIXTURE

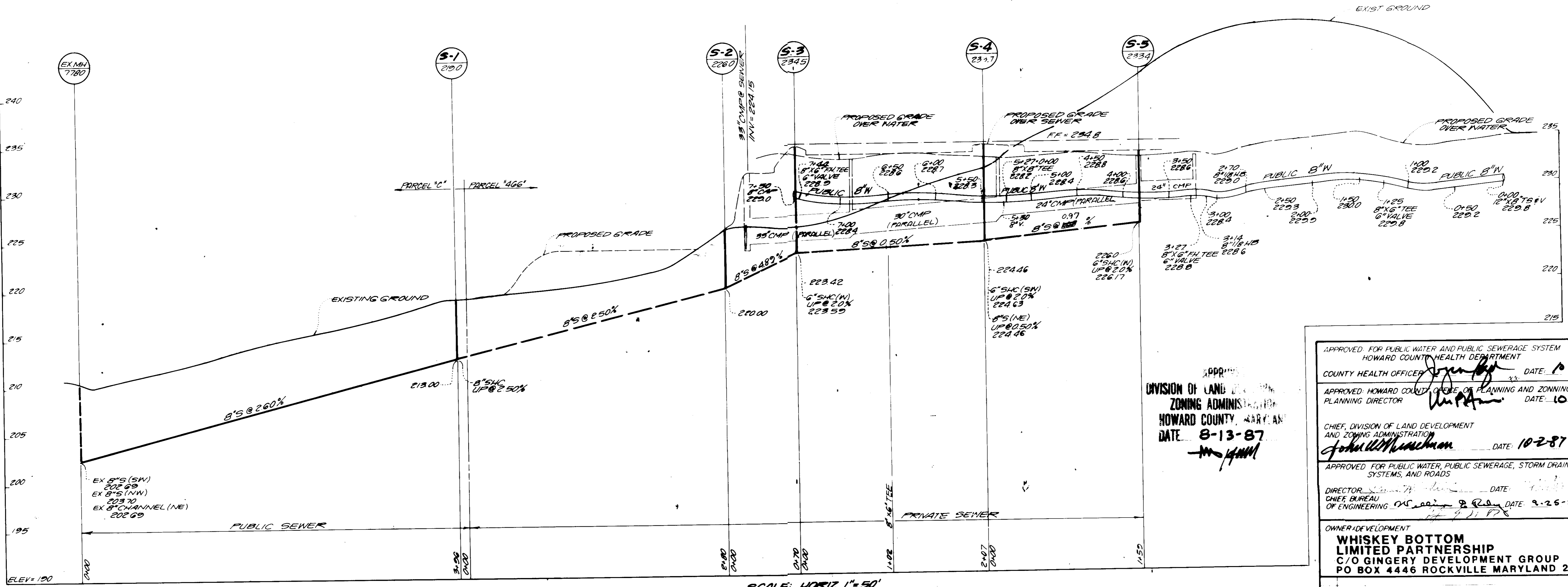


NOTE:

- DIRECT VEHICLE ACCESS IS RESTRICTED TO ENTRANCES INDICATED ON THIS PLAN.
- DIRECT ACCESS FROM WHISKEY BOTTOM ROAD HAS BEEN GRANTED BY HOWARD COUNTY DIVISION OF LAND DEVELOPMENT AND ZONING ADMIN. VP-84-142-A-2

ALL GRADES IN EXCESS OF 4:1 SLOPES SHALL BE STABILIZED AS PER THE SPECIFICATIONS
 SEE DETAILED LANDSCAPE PLAN FOR FOUNDATION PLANTING

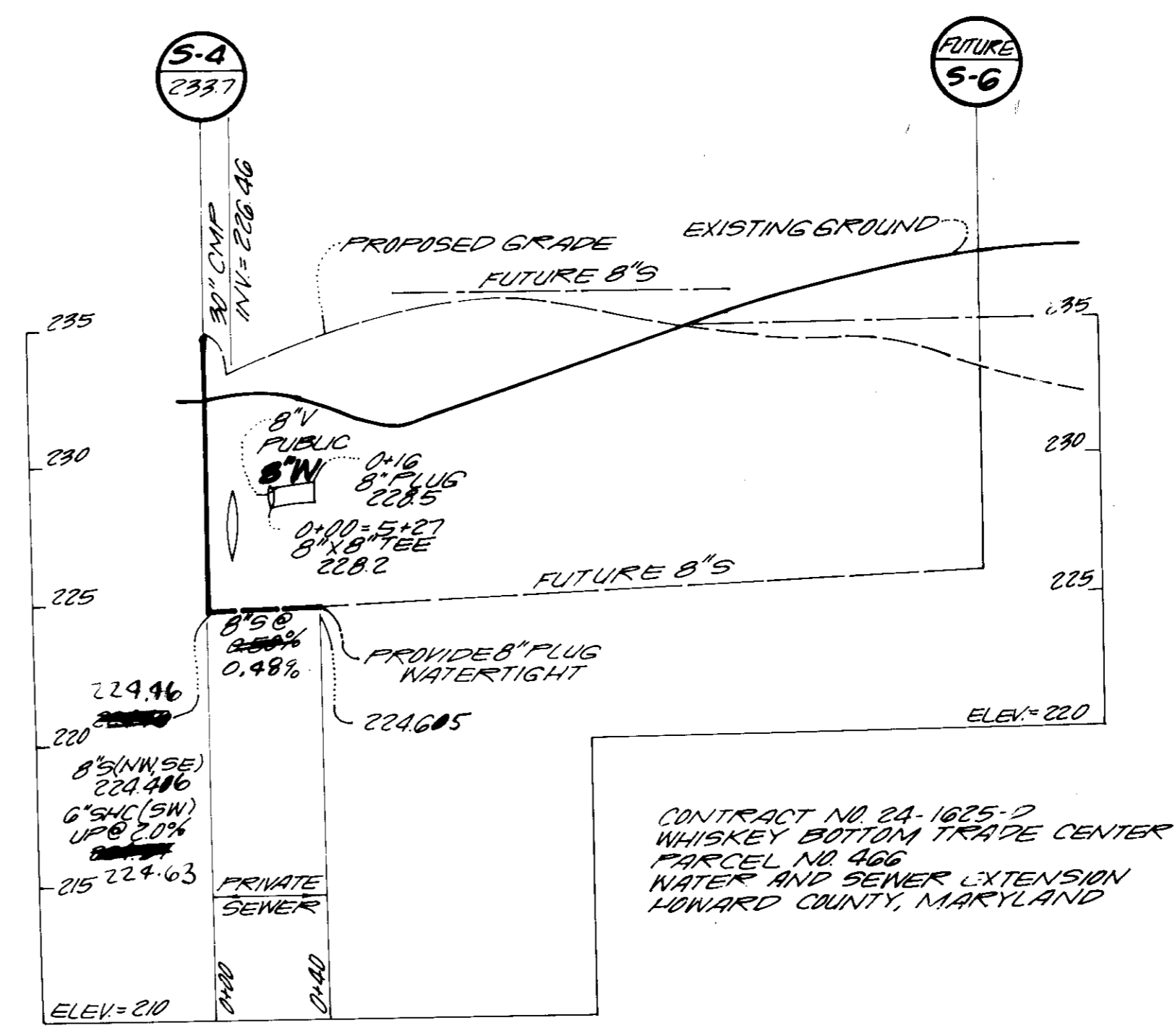
THIS PLAN FOR LANDSCAPE AND LIGHTING ONLY



APPROVED
 DIVISION OF LAND DEVELOPMENT
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 8-13-87

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

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM HOWARD COUNTY HEALTH DEPARTMENT		
COUNTY HEALTH OFFICER	<i>[Signature]</i>	DATE: 10-1-87
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING		
PLANNING DIRECTOR	<i>[Signature]</i>	DATE: 10-5-87
CHIEF, DIVISION OF LAND DEVELOPMENT		
<i>[Signature]</i>		DATE: 10-2-87
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND ROADS		
DIRECTOR	<i>[Signature]</i>	DATE: 9-25-87
CHIEF BUREAU OF ENGINEERING		
<i>[Signature]</i>		DATE: 9-21-87
OWNER/DEVELOPER		
WHISKEY BOTTOM LIMITED PARTNERSHIP C/O GINGERY DEVELOPMENT GROUP PO BOX 4446 ROCKVILLE MARYLAND 20850		
2. REV PER D.H.M.H. COMMENTS (S-9 INV.)		11/2/87
1. REV AS PER SEC 45.100 SUBMISSION COMMENTS		8/2/87
NO.	REVISION	DATE



VIA ENGINEERS PLANNERS LANDSCAPE ARCHITECTS SURVEYORS

VIA INCORPORATED
 8200 GREENSBORO DRIVE
 SUITE 400
 MCLEAN, VIRGINIA 22102 703-442-7800

PROJECT

WHISKEY BOTTOM TRADE CENTER
 HOWARD COUNTY MARYLAND

TITLE **PRIVATE SEWER PROFILES**

ADDRESS CHART

PARCEL 466 STREET ADDRESS 9115 WHISKEY BOTTOM ROAD

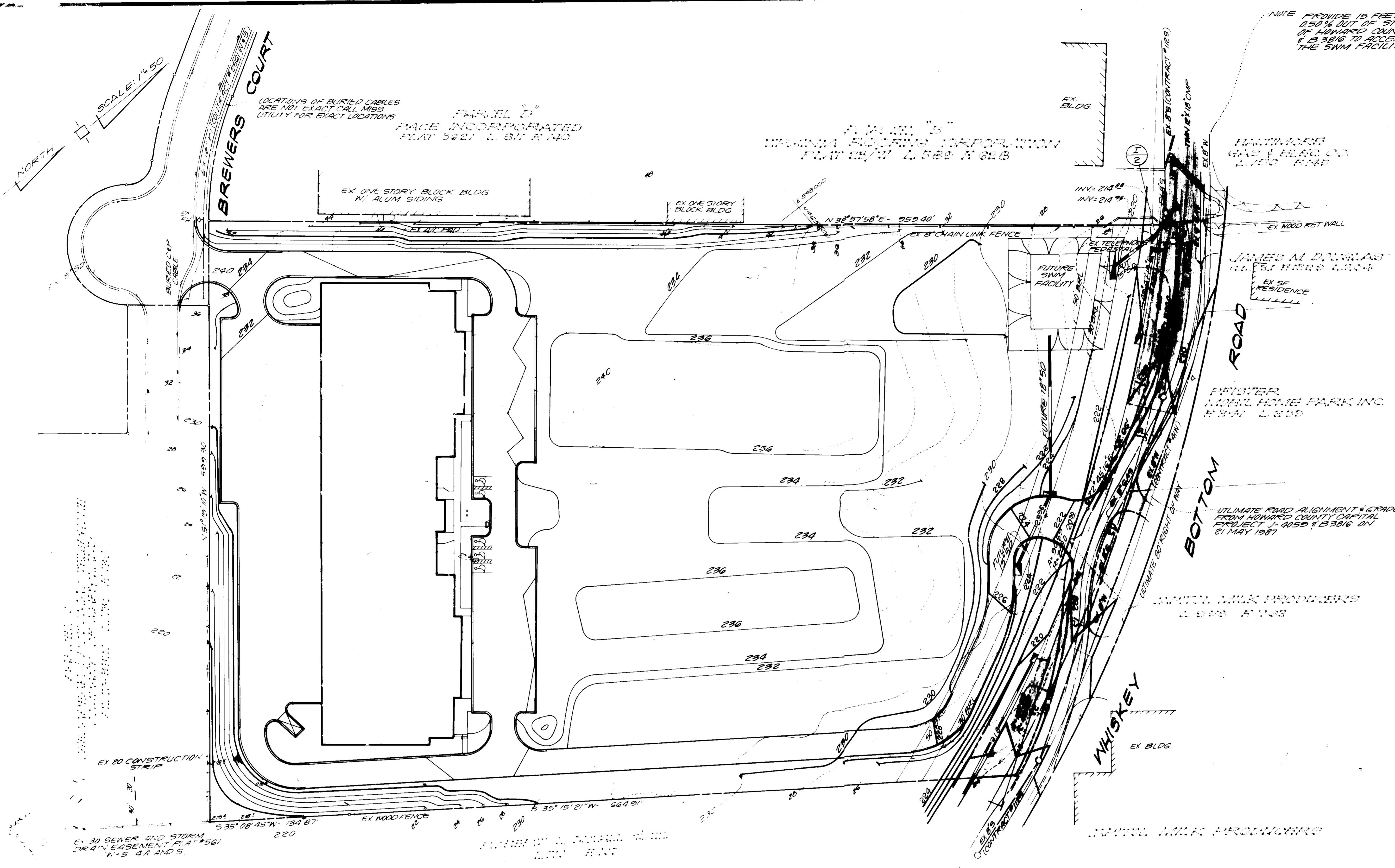
NAME PROPERTY OF SECT / AREA LOT / PARCEL
 METRO INDUSTRIAL PARK

PLAT OR L/F BLOCK ZONE TAX / ZONE MAP ELEC DIST CE / SUBTRACT
 L1181 F 714 5 M-2 50 GTH 6063

WATER CODE C-04 SEWER CODE 7103000

SDP #87-140

DESIGNED BY RAN
 DRAWN BY RWS, II
 PROJECT NO. 5083
 DATE JANUARY 1986
 SCALE AS SHOWN
 DRAWING 9 OF 10



NOTE: PROVIDE 15 FEET OF 15" RCP Q.A. STUB @ 0.50% OUT OF STRUCTURE @ AS A PART OF HOWARD COUNTY CAPITAL PROJECT J-4050 & B 3816 TO ACCEPT FUTURE CONNECTION FROM THE SWM FACILITY.

APPROVE:
 DIVISION OF LAND DEVELOPMENT
 ZONING ADMINISTRATION
 HOWARD COUNTY MARYLAND
 DATE: 8-13-87
[Signature]

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM HOWARD COUNTY HEALTH DEPARTMENT	COUNTY HEALTH OFFICER _____ DATE _____
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING	PLANNING DIRECTOR _____ DATE _____ CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM HOWARD COUNTY HEALTH DEPARTMENT	COUNTY HEALTH OFFICER: <i>[Signature]</i> DATE: 10-1-87
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING	PLANNING DIRECTOR: <i>[Signature]</i> DATE: 10-5-87 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS	DIRECTOR: <i>[Signature]</i> DATE: 1-25-87 CHIEF, BUREAU OF ENGINEERING
OWNER/DEVELOPER WHISKEY BOTTOM LIMITED PARTNERSHIP C/O GINGERY DEVELOPMENT GROUP PO BOX 4446 ROCKVILLE MARYLAND 20850	
ADDED SHEET	DATE: 6-15-87
NO. _____	REVISION _____ DATE _____

VIA ENGINEERS
 PLANNERS
 LANDSCAPE ARCHITECTS
 SURVEYORS
 VIKI INCORPORATED
 8200 GREENSBORO DRIVE
 SUITE 400
 MCLEAN, VIRGINIA 22102 703-442-7800

PROJECT: **WHISKEY BOTTOM TRADE CENTER**
 HOWARD COUNTY MARYLAND
 TITLE: **ULTIMATE DEVELOPMENT GRADE STUDY**

PARCEL	ADDRESS	CHART
466	2115 WHISKEY BOTTOM ROAD	

SUBDIVISION NAME	PROPERTY OF	SECT./AREA	LOT/PARCEL #
MEDIA INDUSTRIAL PARK			466
PLAT #	BLOCK #	ZONE	TAX ZONE MAP
L181/F714	5	M-2	50
			ELEC DIST
			67'
			GENUS TRACT
			6063

WATER CODE: C-04	SEWER CODE: 703000
SDP # 87-140	
DESIGNED BY: RYN	
DRAWN BY: RYN	
PROJECT NO: 5013	
DATE: JUNE 1987	
SCALE: 1/4"=50'	
DRAWING NO: 10 OF 10	

NOTE: DIRECT ACCESS FROM WHISKEY BOTTOM ROAD HAS BEEN GRANTED BY HOWARD CO. DIVISION OF LAND DEVELOPMENT AND ZONING ADMIN. VP. 84-142-A-E

THIS PLAN FOR ENTRANCE GRADE STUDY ONLY