

VICINITY MAP  
SCALE: 1" = 2000'

ADDRESS CHART	
NUMBER	STREET ADDRESS
BLDG NO. 1	10620 RIGGS HILL ROAD
BLDG NO. 2	10630 RIGGS HILL ROAD

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
CORRIDOR NORTH	-	C-9
PLAT # OR L/F	BLOCK #	ZONE
6852	13	M-2
TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
4B	G	6064
WATER CODE	SEWER CODE	
B02	4150000	

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

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
PLANNING DIRECTOR

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

**JJN**  
JEROME J. NORRIS AND ASSOCIATES  
LAND PLANNING  
HOUSING CONSULTANTS  
6001 32nd STREET N.W.  
WASHINGTON, D.C. 20015



Owner  
UADC COLUMBIA INC.  
10009 COVENTRY WAY  
BETHESDA, MARYLAND 20817

Agent  
UNITED AMERICAN  
DEVELOPMENT CORPORATION  
10003 COVENTRY WAY  
BETHESDA, MARYLAND 20817

SITE ANALYSIS

AREA OF PARCEL	191,502 sq ft or 4.1667 acs
PRESENT ZONING	M-2
FLOOR AREA	
BLDG NO. 1	25,341 sq ft
BLDG NO. 2	51,378 sq ft
TOTAL	76,719 sq ft
BUILDING AREA (TOTAL)	50,705 sq ft
BUILDING COVERAGE	27.9%
PARKING LOT AREA	61,120 sq ft
PARKING LANDSCAPE AREA REQUIRED	3056 sq ft (5%)
PARKING LANDSCAPE AREA FURNISHED	4200 sq ft (6.9%)
TOTAL GREEN AREA FURNISHED	60,120 sq ft (33.1%)
PARKING REQUIRED (1:1,000 sq ft)	77
PARKING PROVIDED:	
STANDARD SPACES (9'x20')	124
HANDICAPPED SPACES	5
TOTAL PROVIDED	129
LOADING SPACES PROVIDED	33
PROPOSED USE	WAREHOUSES

NUMBER OF EMPLOYEES	
PROPOSED USES	
50% WAREHOUSE USE (38,360#)	39
50% OFFICE USE (38,360#)	128
TOTAL EMPLOYEES	167

NOTE:  
FOR 100% OFFICE USE (76,364 #)  
(156 CARS, 6 LOAD SPACES) MAXIMUM NUMBER OF EMPLOYEES CAN BE 222

GENERAL NOTES

- ALL CONSTRUCTION SHOWN HEREON TO BE ACCOMPLISHED IN ACCORDANCE WITH HOWARD COUNTY, MARYLAND STANDARDS AND SPECIFICATIONS AND AS NOTED. REFER TO HOWARD COUNTY DESIGN MANUAL VOL. IV.
- WASTE MONITORING MANHOLES WILL BE PROVIDED AT EACH SEPARATE SEWER CONNECTION AS REQUIRED WHERE NON-DOMESTIC WASTE IS DISCHARGED.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES, WHERE DIRECTED BY THE ENGINEER, A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS:
 

MISS UTILITY	559-0100
C & P TELEPHONE COMPANY	725-9976
HOWARD COUNTY BUREAU OF UTILITIES	992-2366
AT&T CABLE LOCATION DIVISION	393-3553
BALTIMORE GAS & ELECTRIC COMPANY	685-0123
STATE HIGHWAY ADMINISTRATION	531-5533
HOWARD COUNTY CONSTRUCTION/INSPECTION SURVEY DIVISION (24 HOURS NOTICE PRIOR TO COMMENCEMENT OF WORK)	792-7272
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- ALL STORM DRAIN PIPE BEDDING SHALL BE AS SHOWN IN DETAIL G2.01 (TRENCH IN ROCK OR TRENCH IN EARTH AS DETERMINED BY FIELD CONDITIONS) IN VOL. IV OF HOWARD COUNTY DESIGN MANUAL UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR AS SHOWN ON THE DRAWINGS.
- ALL WATER-LINES SHALL BE CONSTRUCTED A MINIMUM OF 42" COVER BELOW FINISHED GRADE.
- ELEVATIONS SHOWN HEREON ARE BASED UPON FIELD RUN TOPOGRAPHY PREPARED BY FISHER, COLLINS AND CARTER, INC., CONSULTING ENGINEERS, JUNE 1986.
- ALL HORIZONTAL CONTROLS ARE BASED UPON MARYLAND STATE COORDINATES.

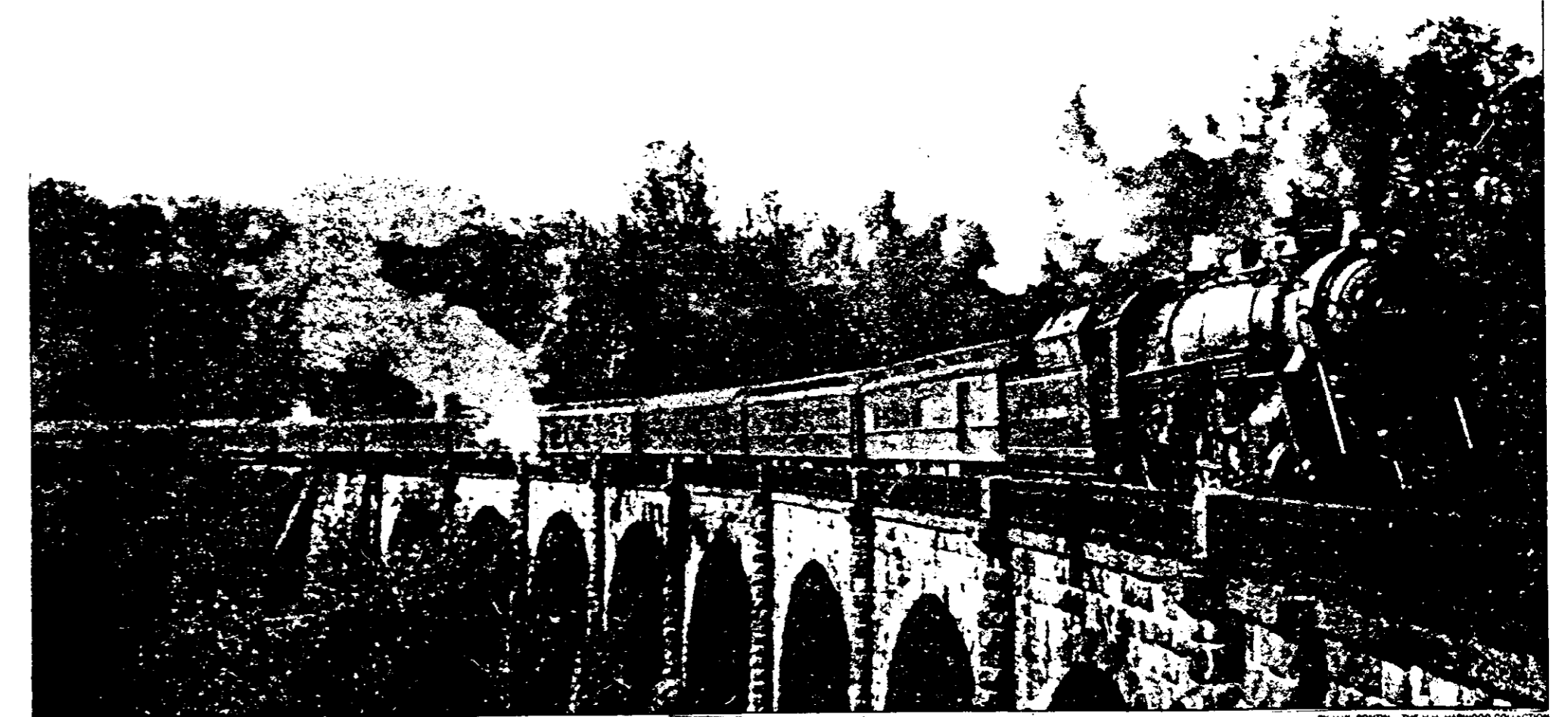
EXISTING CENTRAL STORMWATER MANAGEMENT FACILITY FOR CORRIDOR NORTH PROVIDED UNDER RECORD PLAT F-84-179

LIST OF DRAWINGS

SHEET	TITLE
1	COVER SHEET
2	BUILDING ELEVATIONS
3	SITE DEVELOPMENT PLAN
4	SITE PROFILES, PAVING SECTIONS
5	DEVELOPMENT DETAILS
6	LANDSCAPE PLAN
7	SEDIMENT CONTROL PLAN
8	SEDIMENT CONTROL DETAILS

# UNITED AMERICAN BUSINESS CENTER

HOWARD COUNTY, MARYLAND



A "Royal Blue" train, en route from Washington to Jersey City, crosses the Thomas Viaduct at Relay, Md., just south of Baltimore.

UNITED AMERICAN BUSINESS CENTER

1 OF 8

SDP-87-94

# JJN

JEROME J. NORRIS AND ASSOCIATES  
LAND PLANNING  
HOUSING CONSULTANTS  
6001 32nd STREET, N.W.  
WASHINGTON, D.C. 20015

Owner  
UADC COLUMBIA INC.  
10003 COVENTRY WAY  
BETHESDA, MARYLAND 20817

Agent  
UNITED AMERICAN  
DEVELOPMENT CORPORATION  
10003 COVENTRY WAY  
BETHESDA, MARYLAND 20817

Date  
NOV. 13, 1986  
Sign  
Jerome J. Norris

Proj. Mgr.  
Assistant  
Stamp

Scale  
North

Revisions

Address  
10620 RIGGS HILL ROAD  
JESSUP, MARYLAND 20704

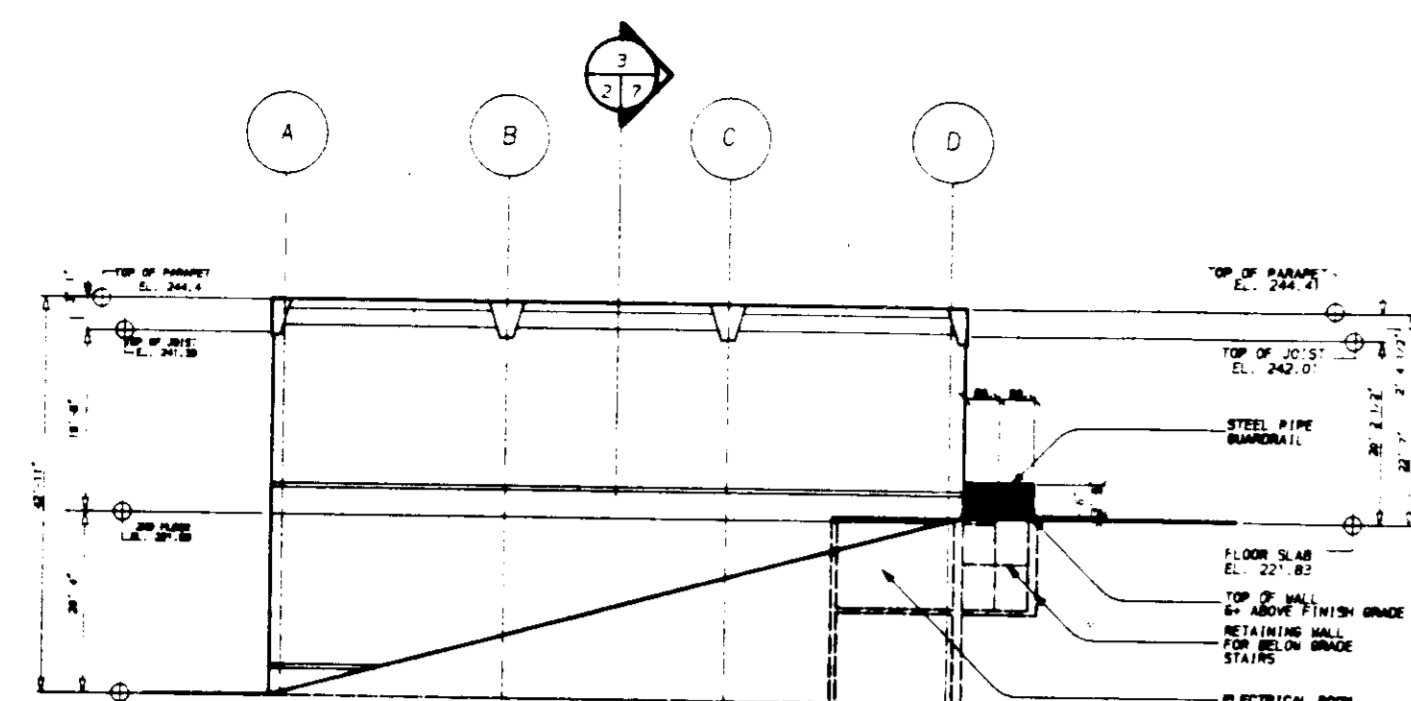
## UNITED AMERICAN BUSINESS CENTER

PARCEL C-9  
CORRIDOR NORTH  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

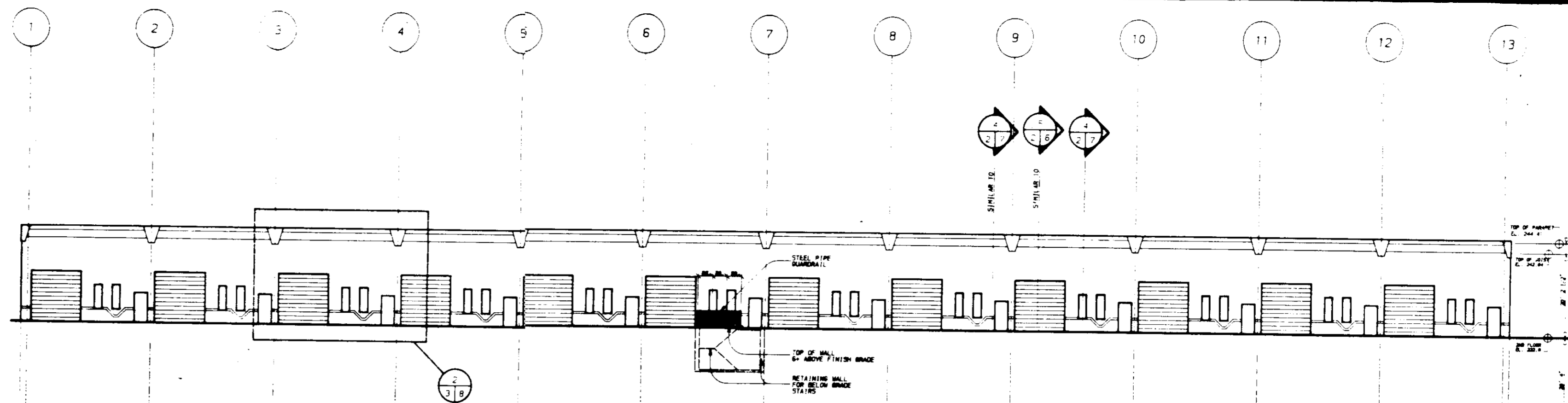
Title  
BUILDING ELEVATIONS

Sheet  
2 OF 8

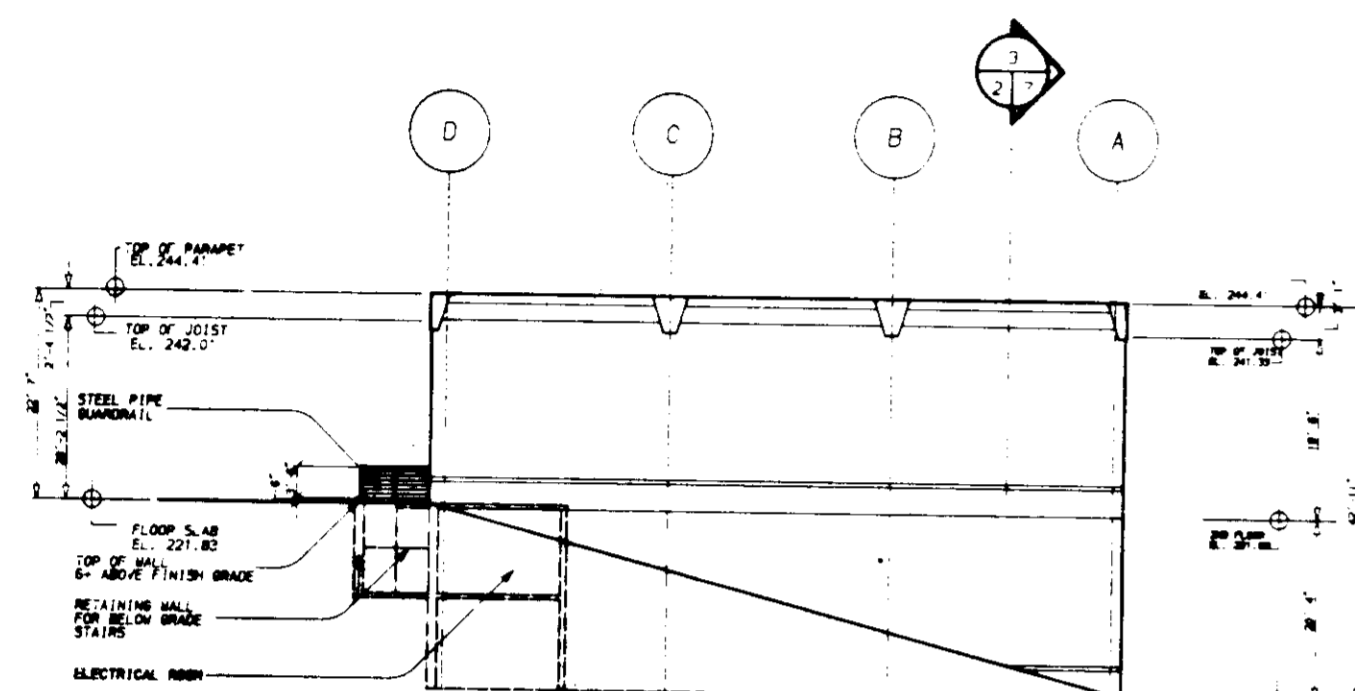
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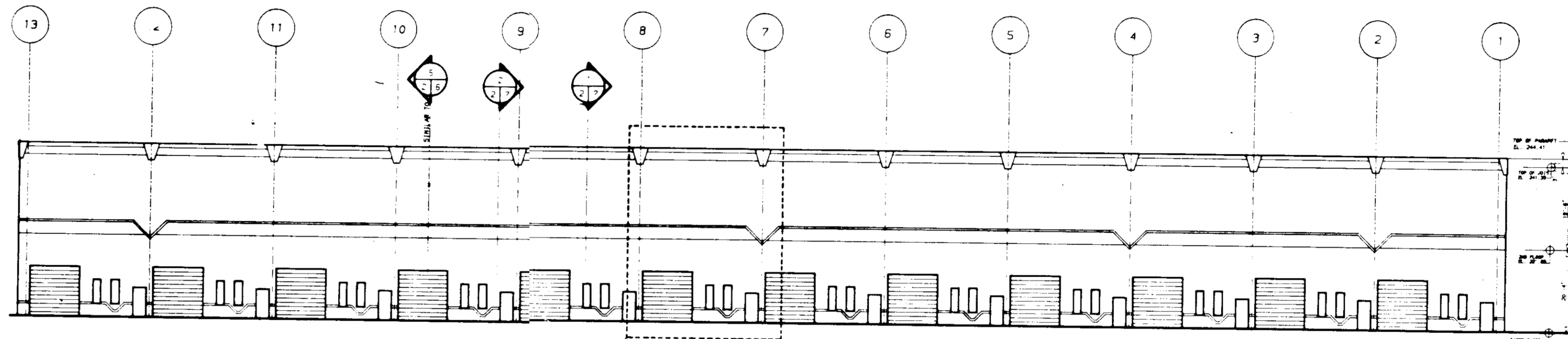
WEST ELEVATION  
3/64" = 1'-0"



SOUTH ELEVATION  
3/64" = 1'-0"

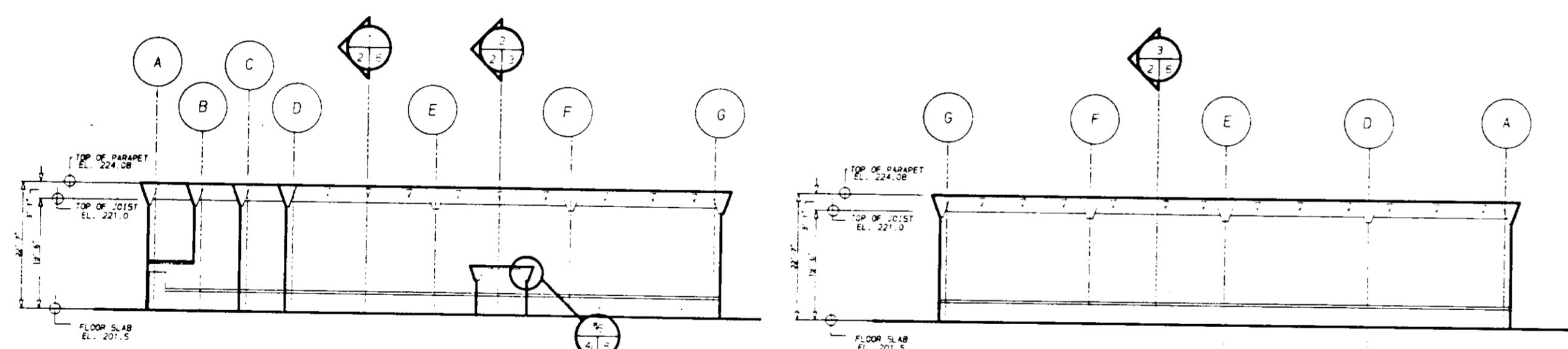


EAST ELEVATION  
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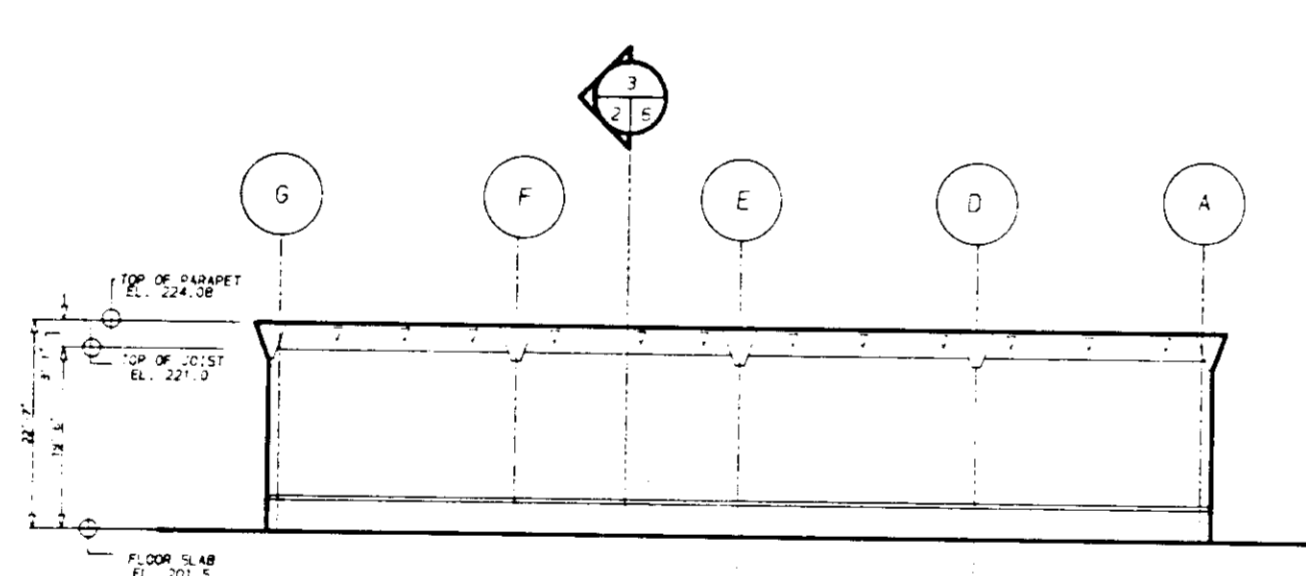


NORTH ELEVATION  
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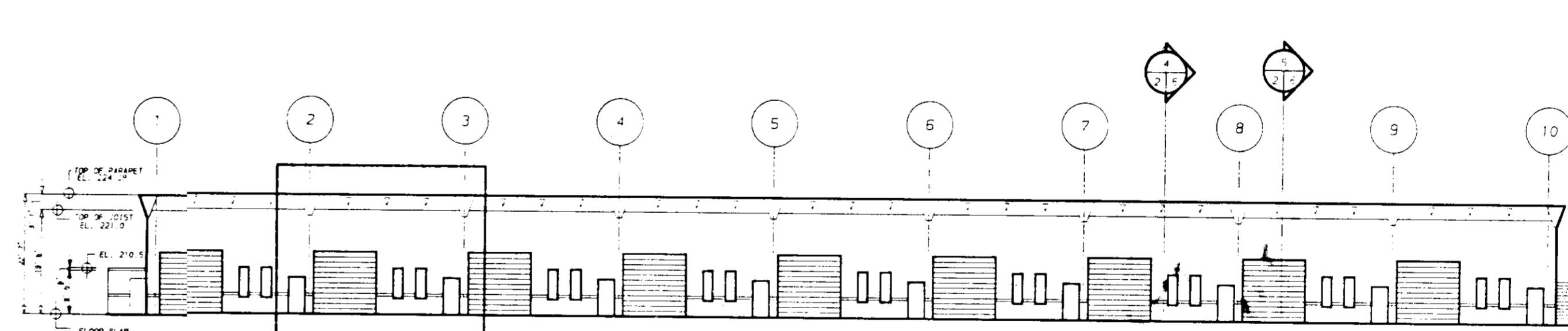
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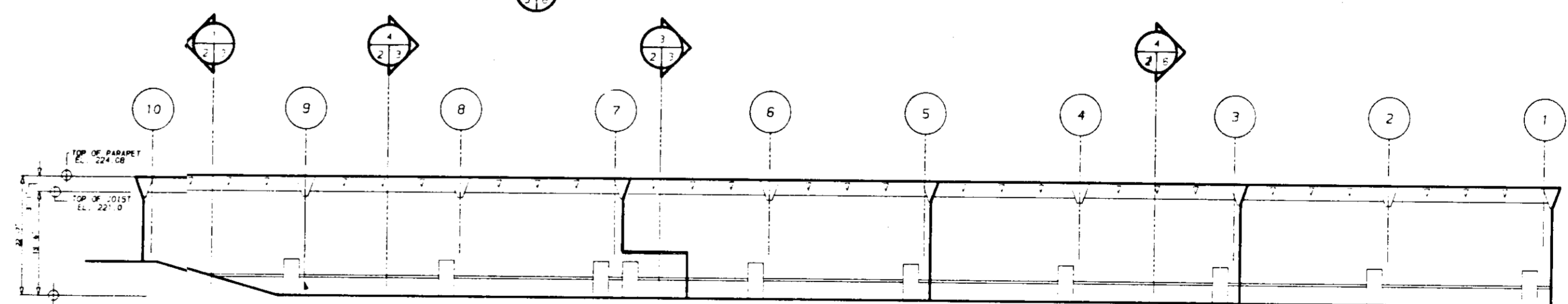
WEST ELEVATION  
3/64" = 1'-0"



EAST ELEVATION  
3/64" = 1'-0"



SOUTH ELEVATION  
3/64" = 1'-0"



NORTH ELEVATION  
3/64" = 1'-0"

### BUILDING NO. 1

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

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

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

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HOWARD COUNTY HEALTH DEPARTMENT

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

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

APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 3-9-87



GORDON & GREENBERG INC. ARCHITECTS  
5101 Seminary Road, Bailey's Crossroads, Virginia 22041  
(703) 845-0900

DIRECTOR

DATE

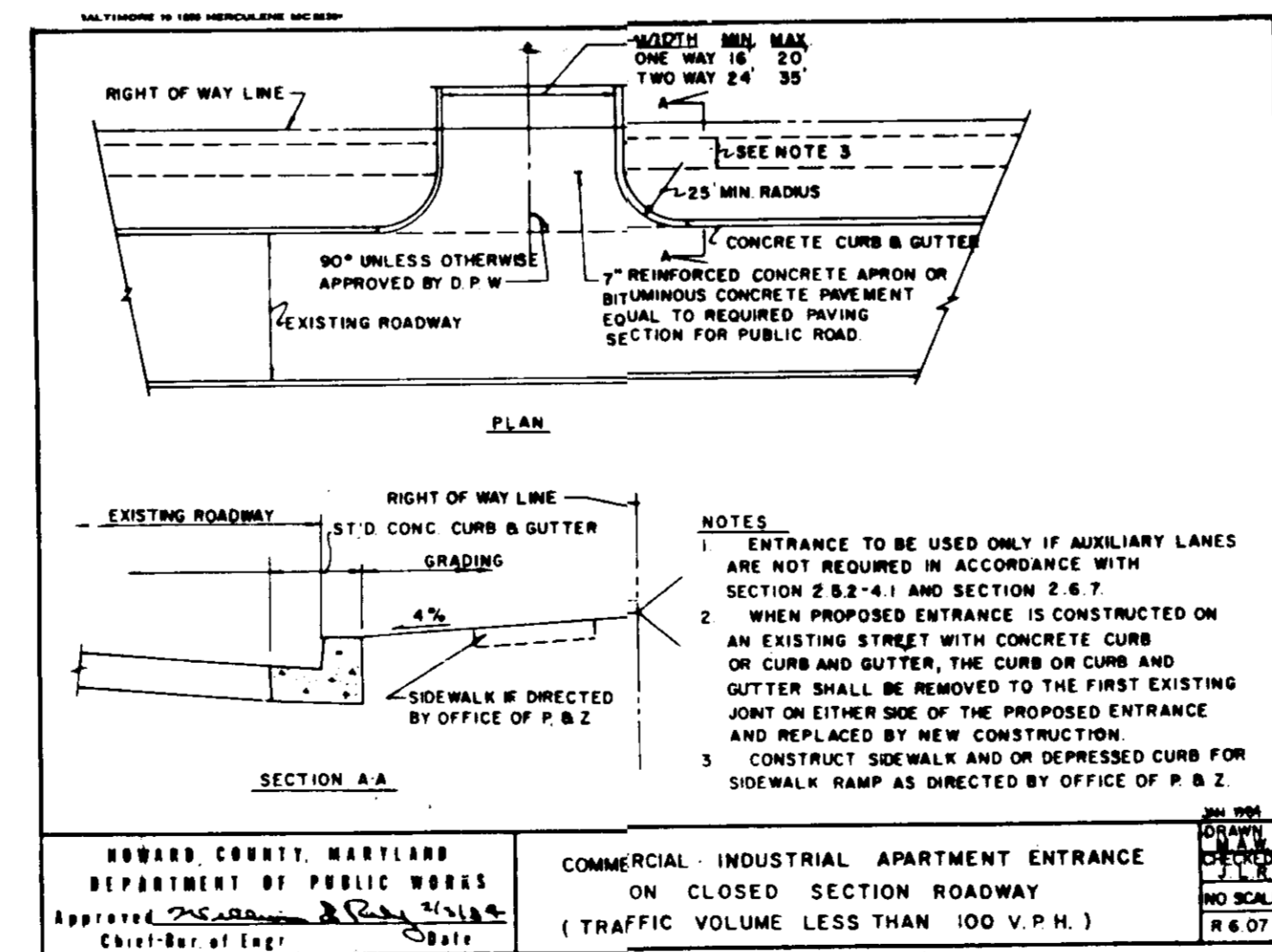
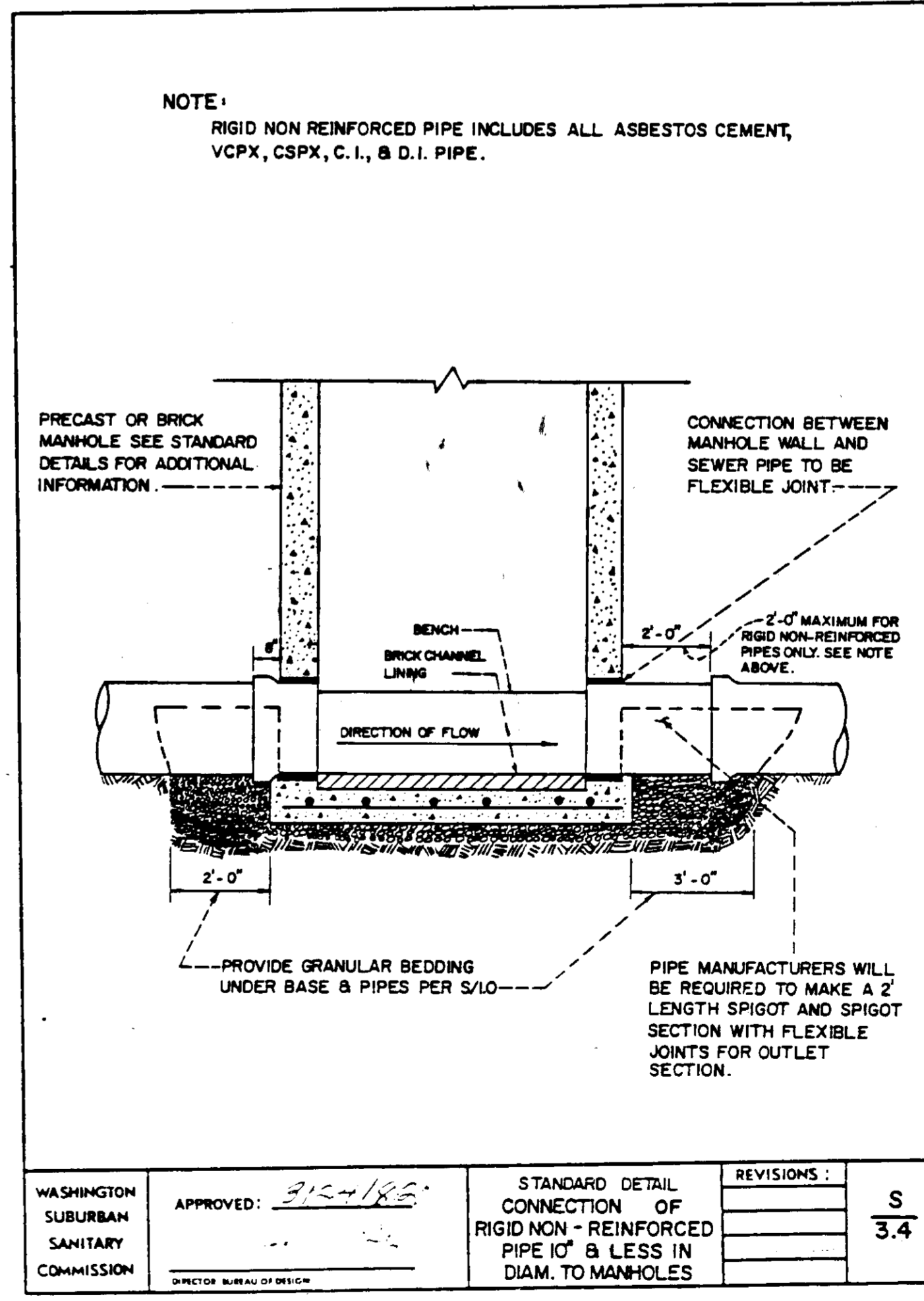
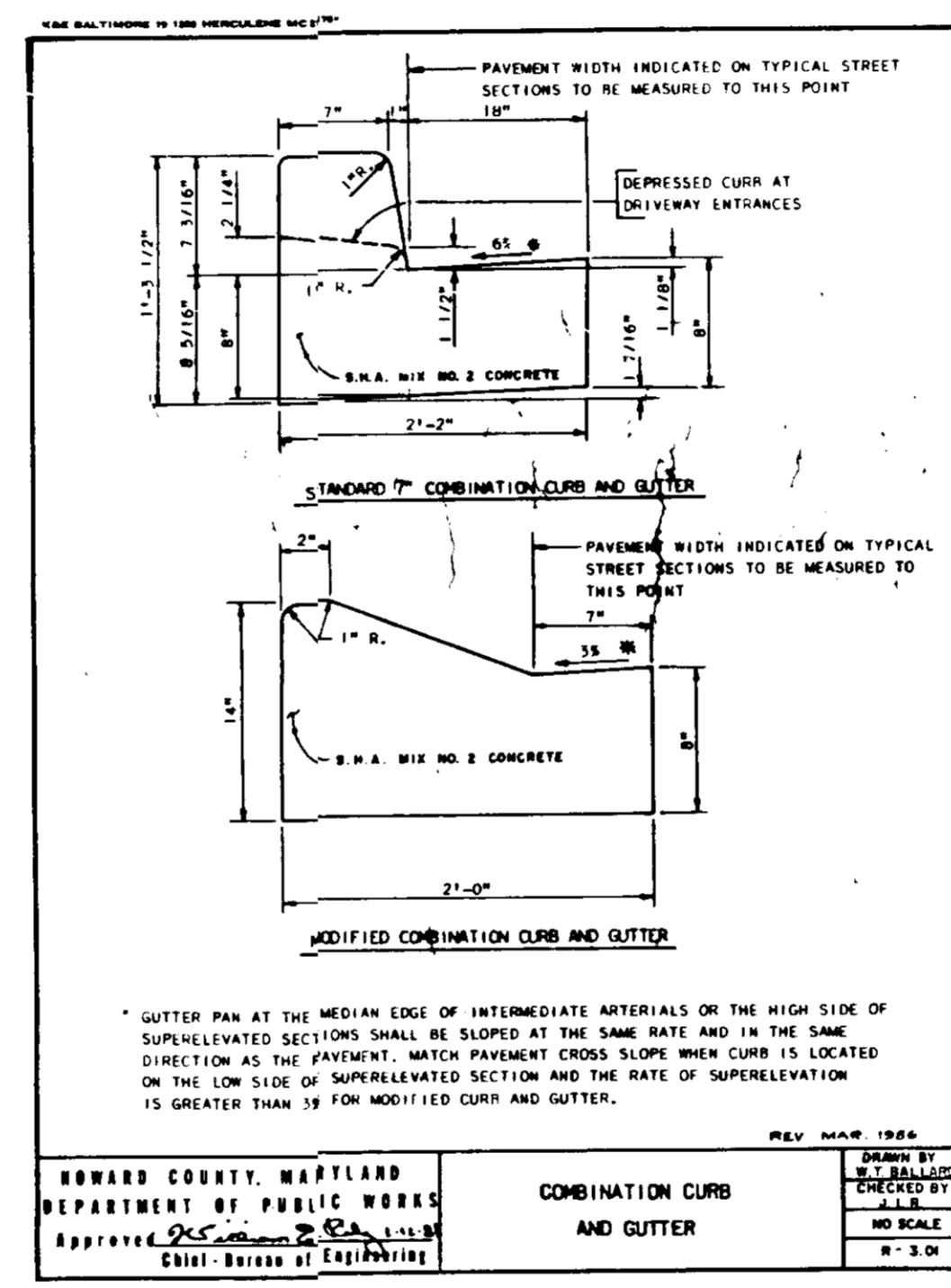
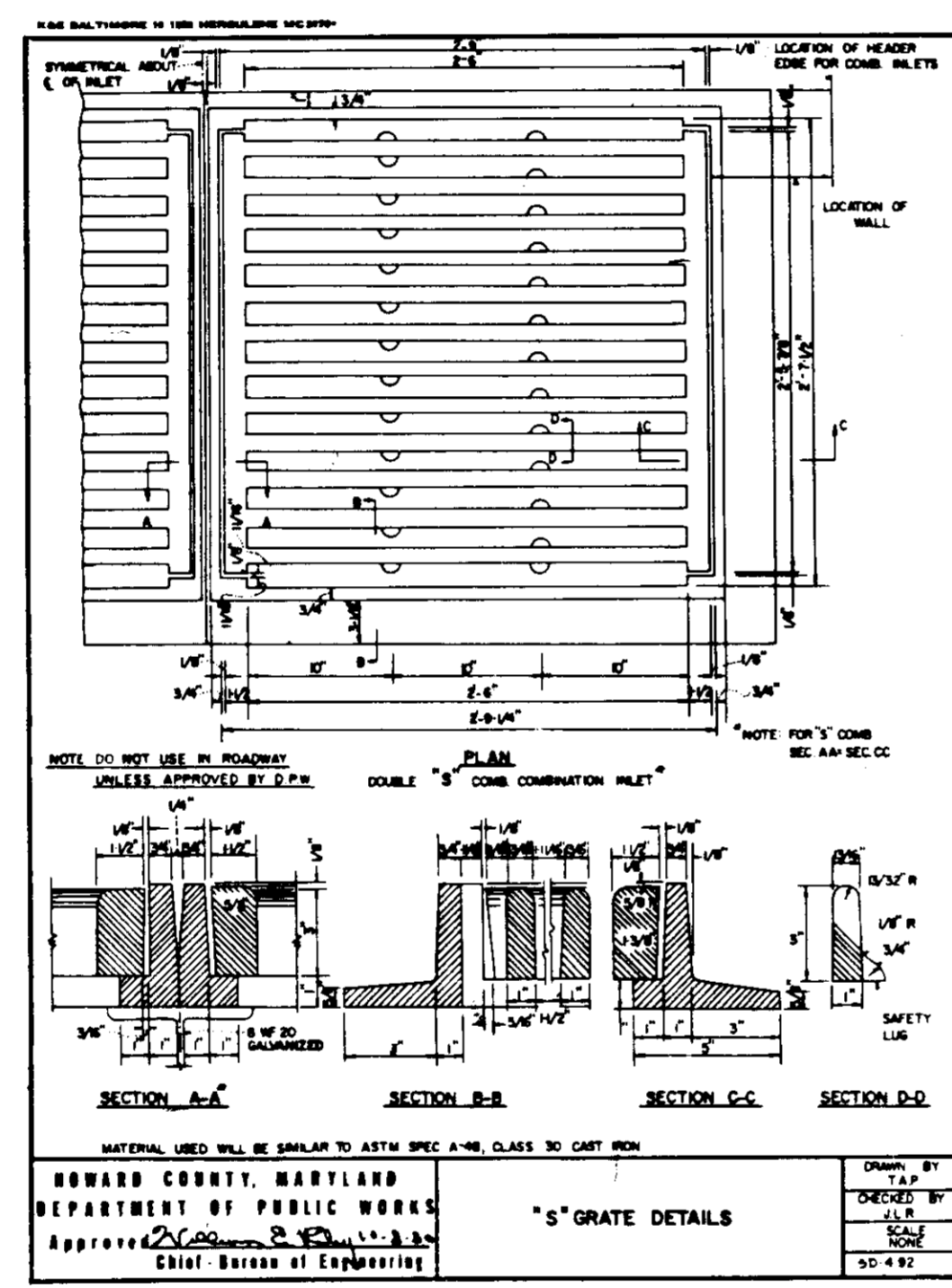
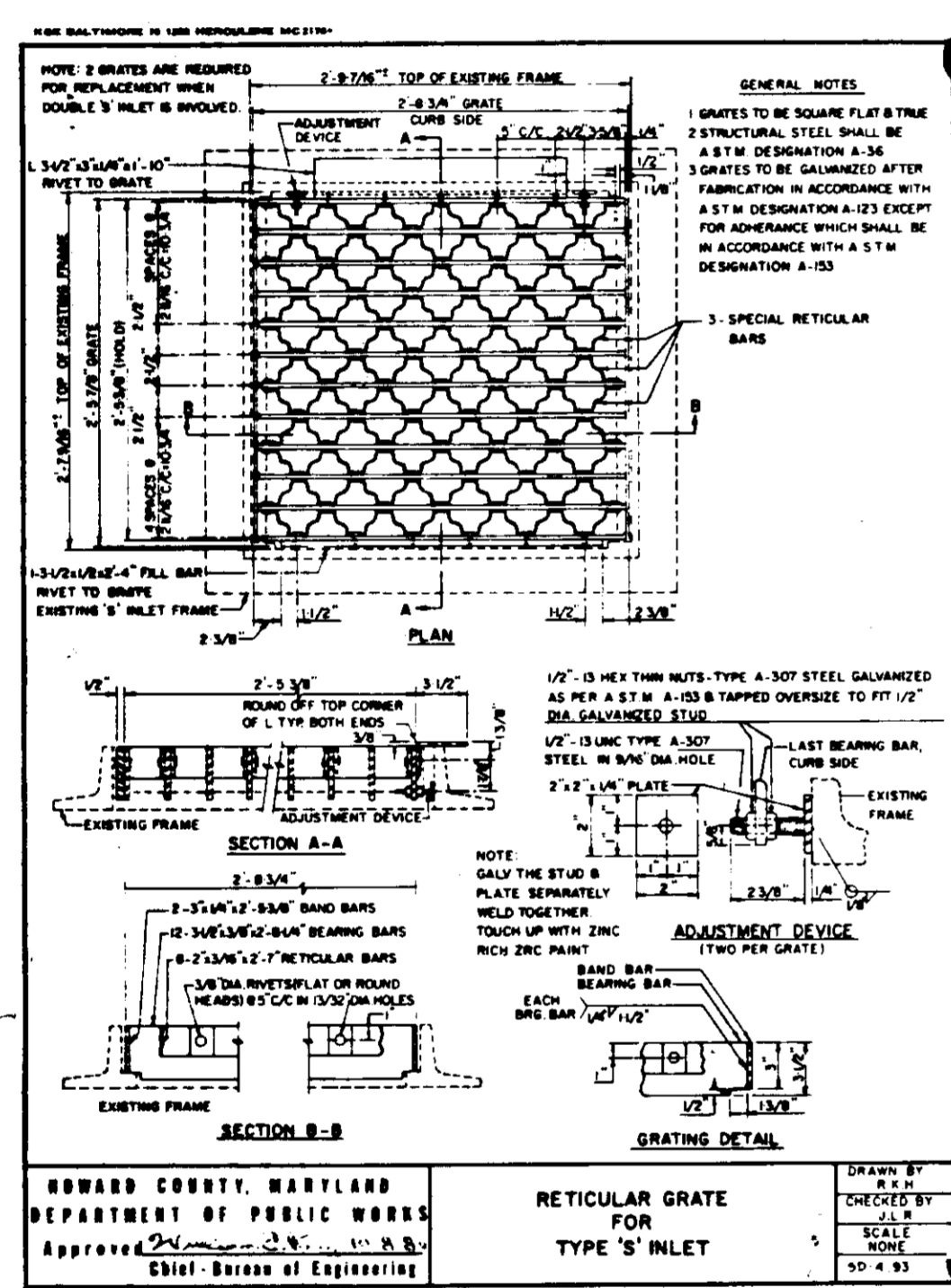
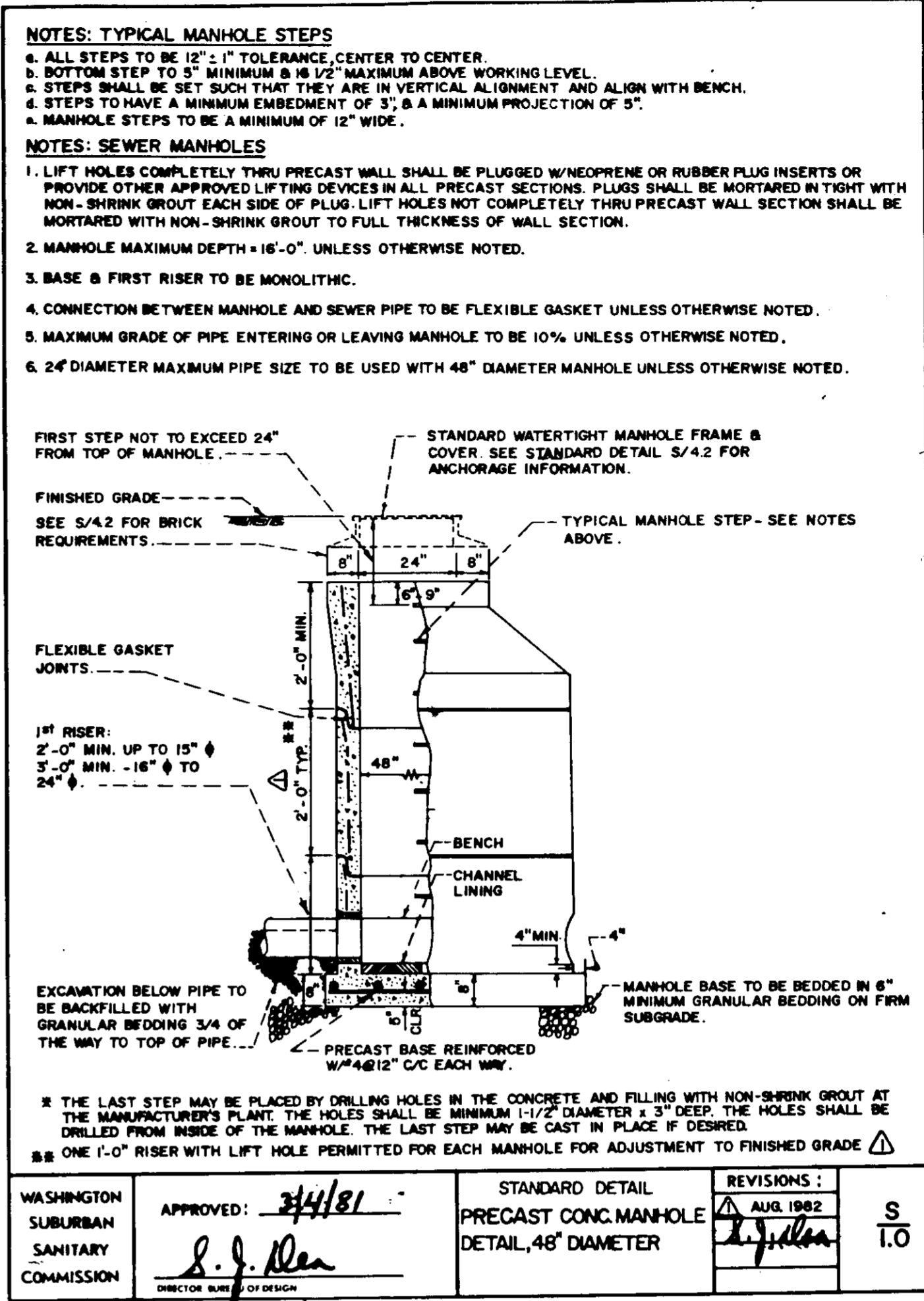
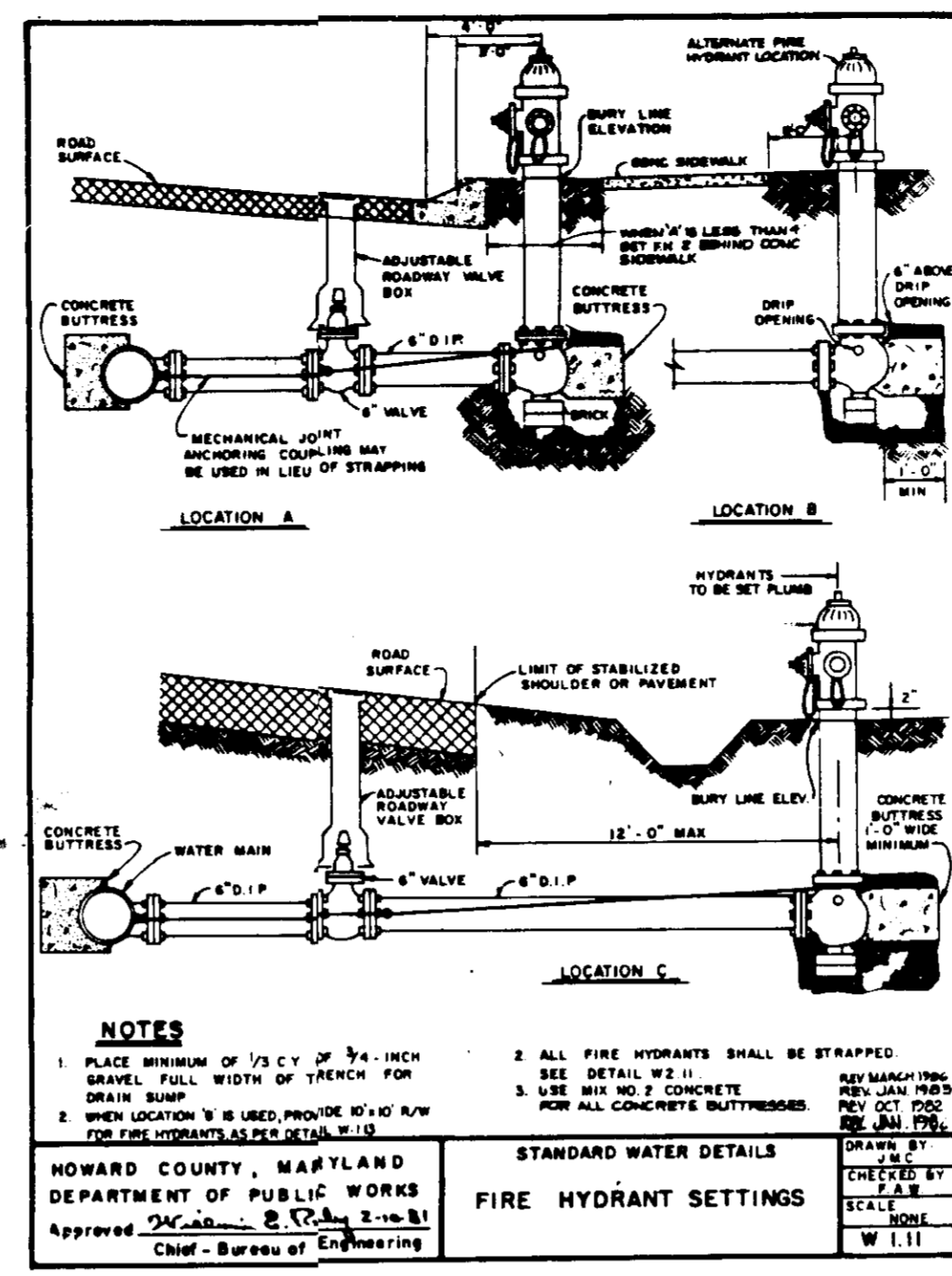
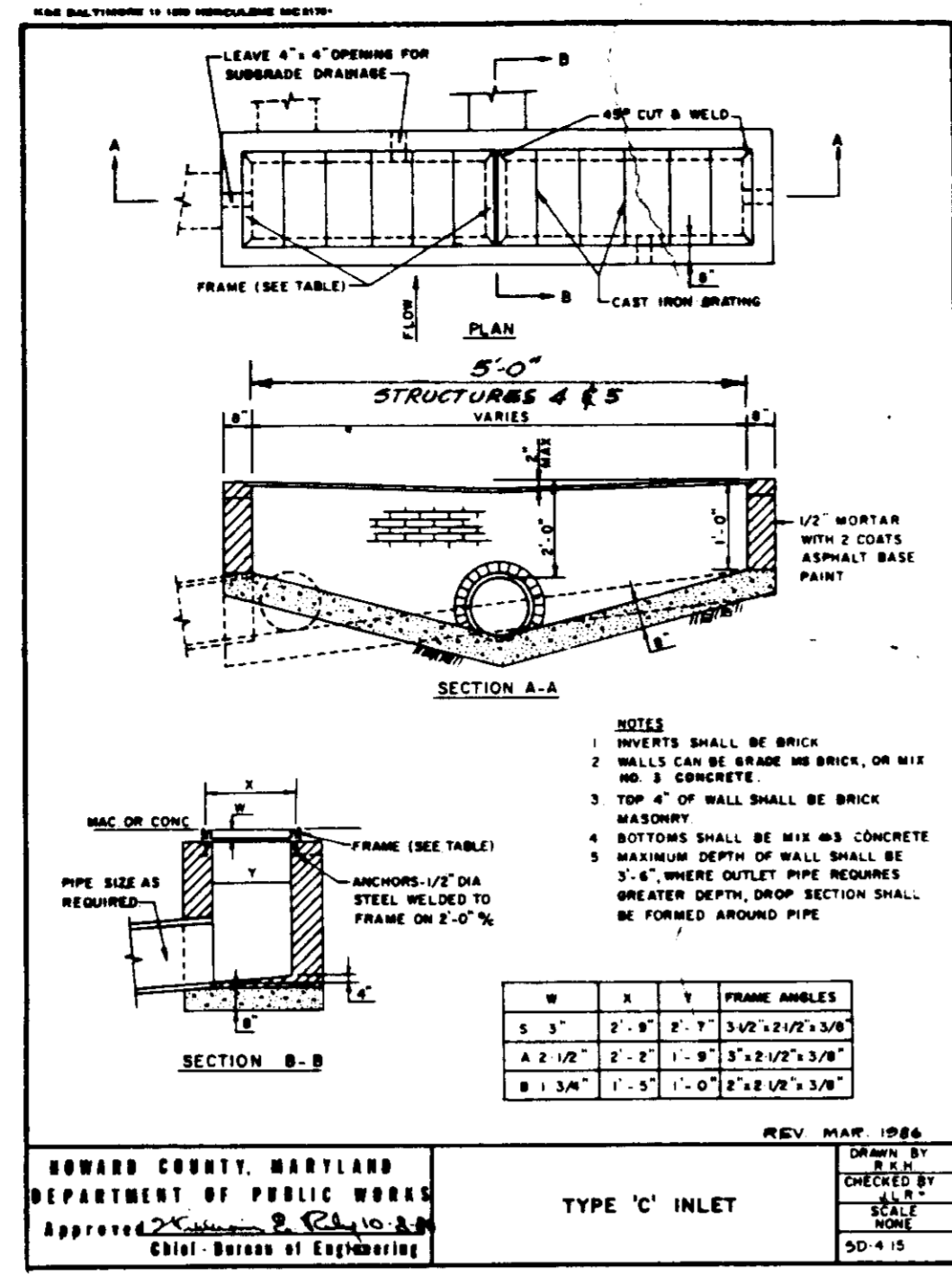
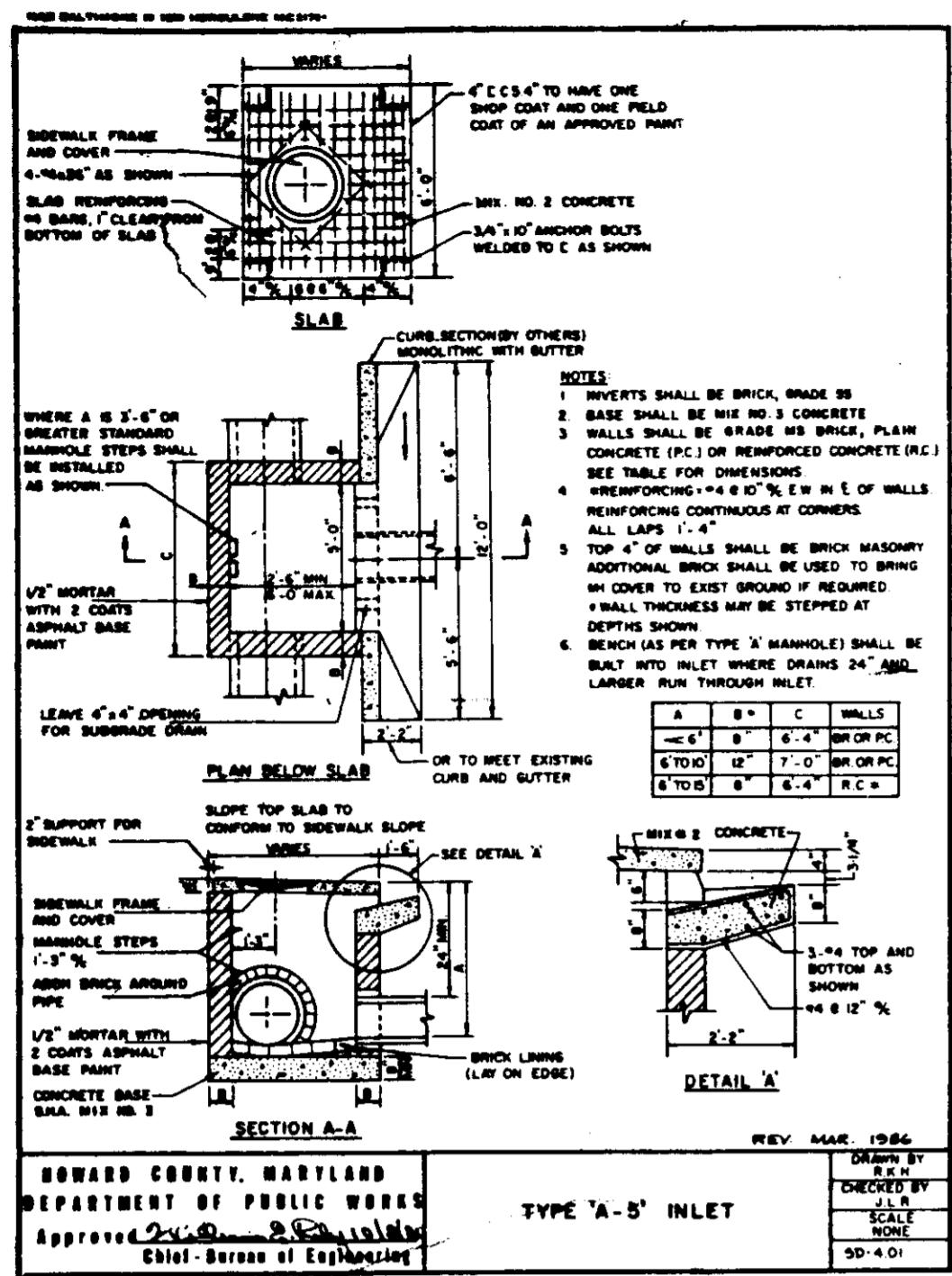
DATE











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

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

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

DATE: 4-22-87

DATE: 4-23-87

DATE: 4-15-87

DATE: 3-9-87

**JJN**

HERMIE I. MORRIS AND ASSOCIATES  
LAND PLANNING  
HOUSING CONSULTANTS  
8001 32ND STREET, N.W.  
WASHINGTON, D.C. 20015

Owner: VADC COLUMBIA INC.  
10009 COVENTRY WAY  
BETHESDA, MARYLAND 20817

Agent: UNITED AMERICAN DEVELOPMENT CORPORATION  
10009 COVENTRY WAY  
BETHESDA, MARYLAND 20817

Date: NOV. 15, 1986

Project: J. J. Morris

Professional Seal: Surveyor

Scale: North

syml	date	issued for	by

Address: 10620 RIGGS HILL ROAD  
JESSUP, MARYLAND 20794

**UNITED AMERICAN BUSINESS CENTER**

PARCEL C-5  
CORRIDOR NORTH  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

Title: DEVELOPMENT DETAILS

Sheet: 5 OF 8

SDP-87-94







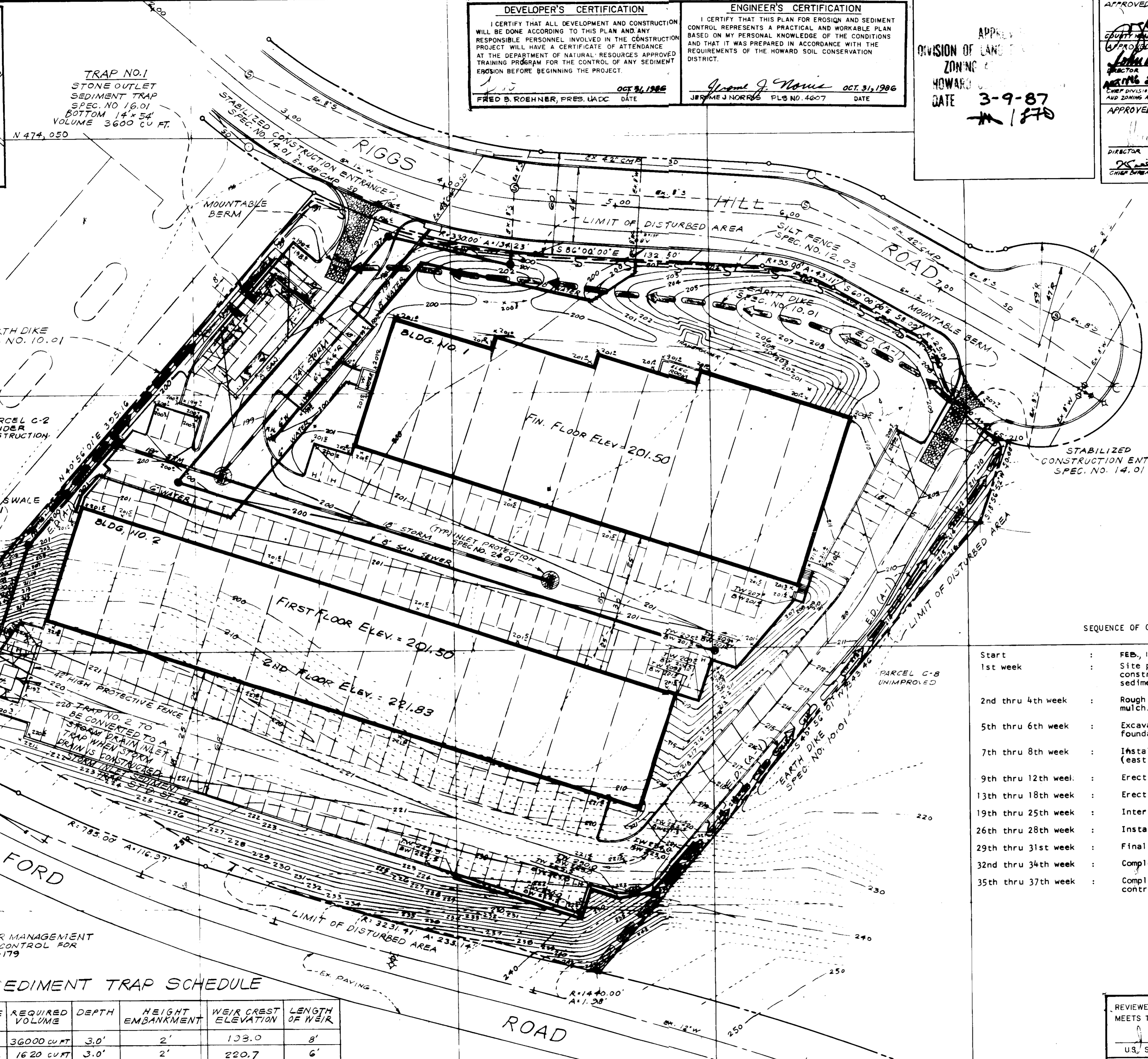
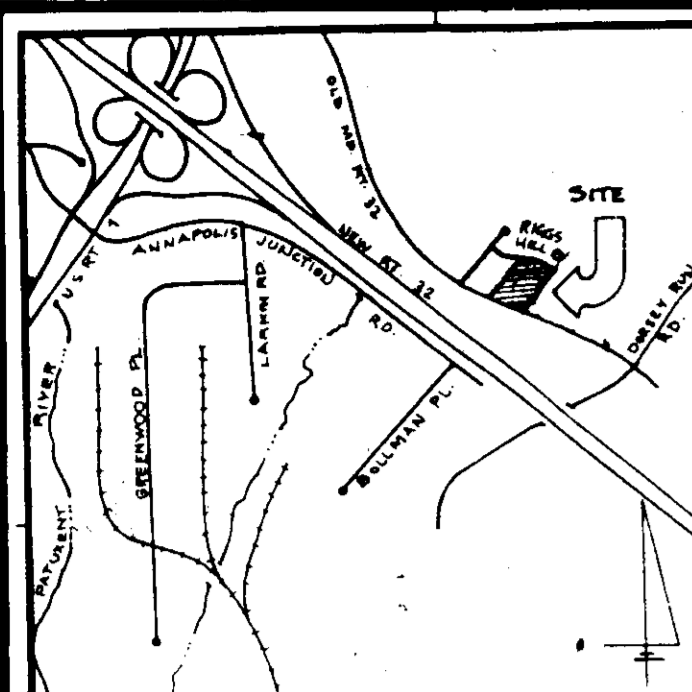
**DEVELOPER'S CERTIFICATION**  
 I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT THE DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF ANY SEDIMENT EROSION BEFORE BEGINNING THE PROJECT.  
 OCT 31, 1986  
 FRED B. ROEHNER, PRES. UAC

**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 CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
 OCT 31, 1986  
 JEROME J. NORRIS, PLS NO. 4607

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER  
 APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF LAND ZONING  
 HOWARD COUNTY  
 DATE 3-9-87  
 1878

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER  
 APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR  
 CHIEF ENGINEER OF ENGINEERING

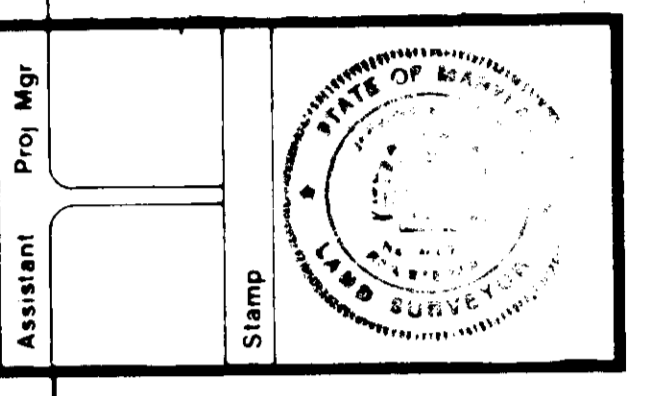
**JJN**  
 JEROME J. NORRIS AND ASSOCIATES  
 LAND PLANNING  
 HOUSING CONSULTANTS  
 6001 32nd STREET, N.W.  
 WASHINGTON, D.C. 20015



**SUMMARY**  
 TOTAL AREA OF TRACT 4.167 ACS.  
 EXISTING ZONING M-2  
 DISTURBED AREA 4.0 ACS

Owner: UACDC COLUMBIA INC.  
 10000 COVENTRY WAY  
 BETHESDA, MARYLAND 20817  
 Agent: UNITED AMERICAN DEVELOPMENT CORPORATION  
 10000 COVENTRY WAY  
 BETHESDA, MARYLAND 20817

Date: OCT 31, 1986  
 Signature: Jerome J. Norris



Scale: 1" = 30'  
 North arrow pointing up.

SYMB.	DATE	ISSUED FOR	BY

Address: 10620 RIGGS HILL ROAD  
 JESSUP, MARYLAND 20794

**UNITED AMERICAN BUSINESS CENTER**

PARCEL C-9  
 CORRIDOR NORTH  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

Title: SEDIMENT CONTROL PLAN  
 Sheet: 7 OF 3

THIS PLAN TO BE USED FOR SEDIMENT CONTROL PURPOSES ONLY. SEE SITE DEVELOPMENT PLAN FOR CONSTRUCTION.

**SEQUENCE OF CONSTRUCTION**

Start	FEB, 1987 GP 87-34
1st week	Site preparation. Install stabilized construction entrance (west side) and sediment control measures.
2nd thru 4th week	Rough grade site. Temporary seed or mulch.
5th thru 6th week	Excavate footings and retaining wall foundations.
7th thru 8th week	Install stabilized construction entrance (east side) and construct foundations.
9th thru 12th week	Erect foundation walls and retaining walls.
13th thru 18th week	Erect building structures, walls, and roof.
19th thru 25th week	Interior work.
26th thru 28th week	Installation of site utilities and paving.
29th thru 31st week	Final site grading and landscaping.
32nd thru 34th week	Complete interior work.
35th thru 37th week	Completion of project. Remove sediment controls with approval of HSCD.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
 U.S. SOIL CONSERVATION DISTRICT  
 DATE 4-10-87  
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 HOWARD SOIL CONSERVATION DISTRICT  
 DATE

TRAP NO. 1  
 STONE OUTLET  
 SEDIMENT TRAP  
 SPEC. NO. 16.01  
 BOTTOM 14" x 54"  
 VOLUME 3600 CU. FT.

EARTH DIKE  
 SPEC. NO. 10.01

PERIMETER DIKE SWALE  
 SPEC. NO. 17.01

TRAP NO. 2  
 STONE OUTLET  
 SEDIMENT TRAP  
 SPEC. NO. 16.01  
 BOTTOM 9" x 14"  
 VOLUME 1800 CU. FT.

TRAP NO. 2 TO BE CONVERTED TO A STORM DRAIN INLET TRAP WHEN STORM DRAINS CONSTRUCTED.

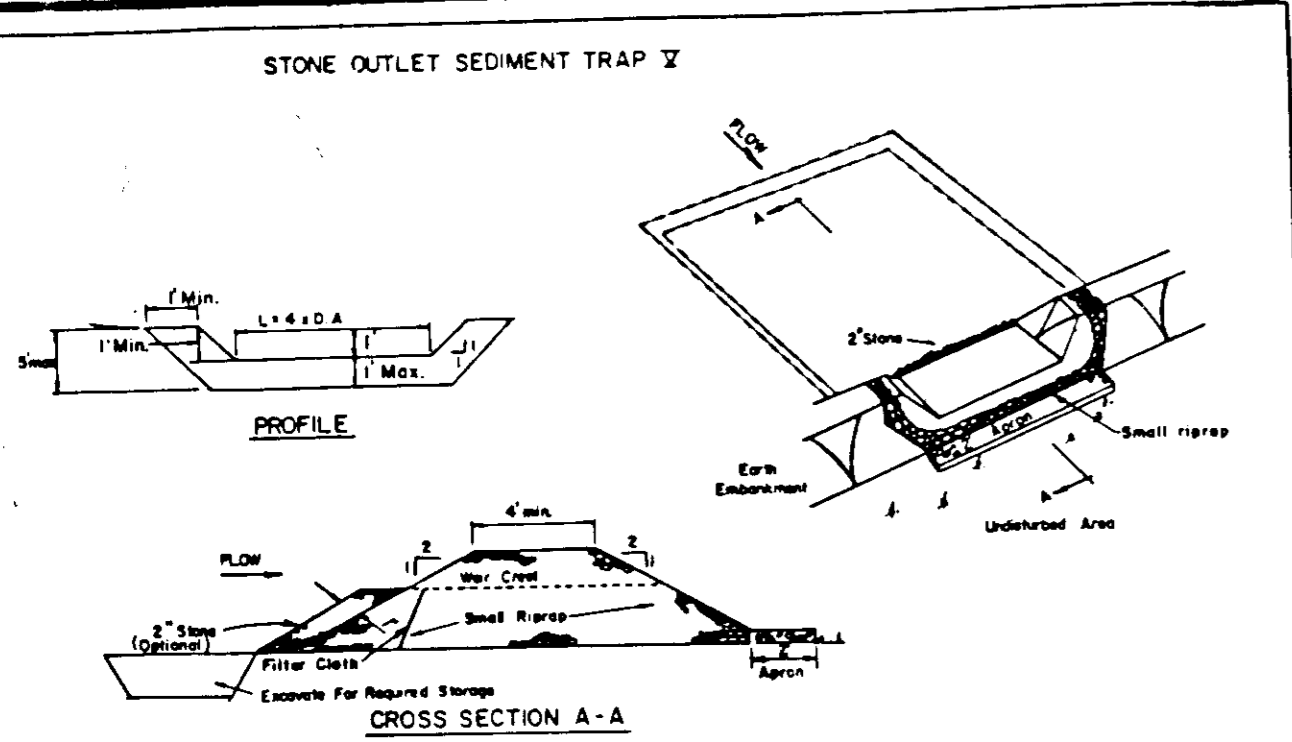
**SEDIMENT TRAP SCHEDULE**

TRAP NO.	TYPE	DRAINAGE AREA	REQUIRED VOLUME	DEPTH	HEIGHT EMBANKMENT	WEIR CREST ELEVATION	LENGTH OF WEIR
1	ST V	2 ACS.	36000 CU. FT.	3.0'	2'	123.0	8'
2	ST V	0.9 ACS.	1620 CU. FT.	3.0'	2'	220.7	6'

EXISTING CONTOURS SHOWN THUS --- 200  
 PROPOSED CONTOURS SHOWN THUS --- 201

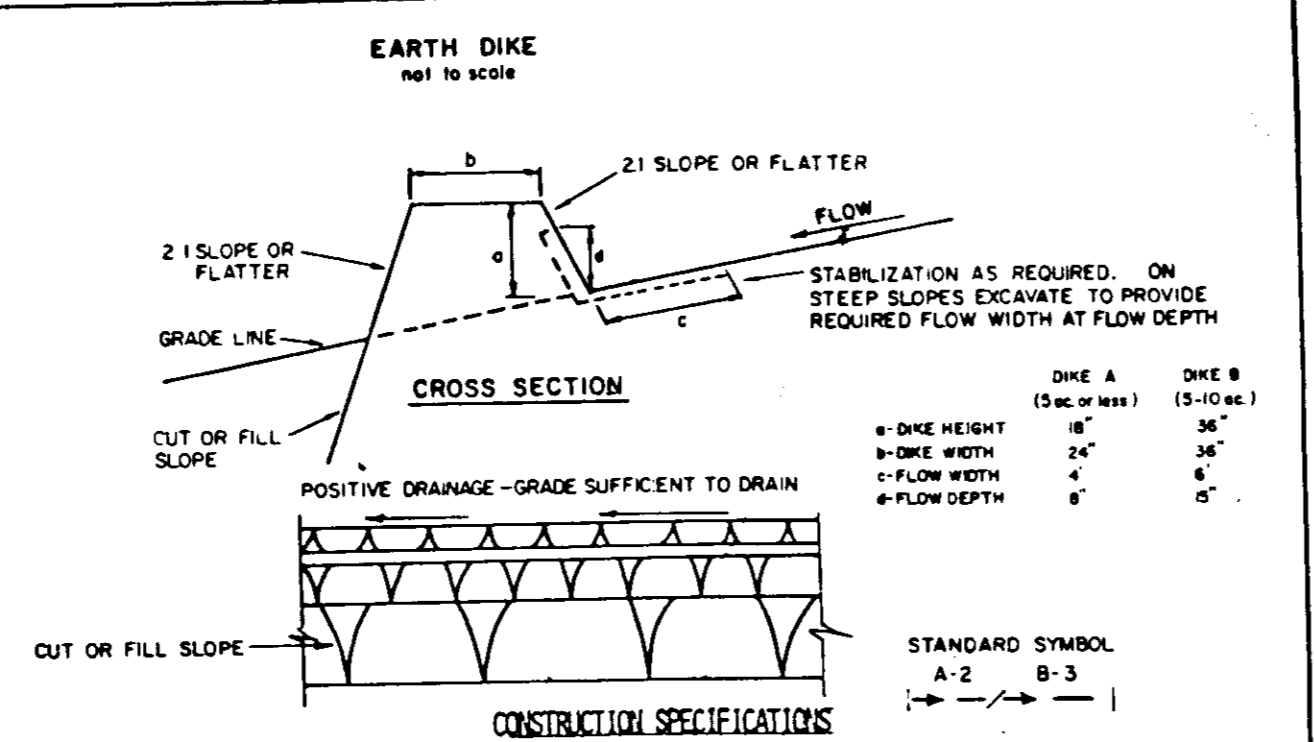
NOTE:  
 EXISTING STORMWATER MANAGEMENT FACILITY PROVIDES CONTROL FOR THIS SITE. SEE P-84-179





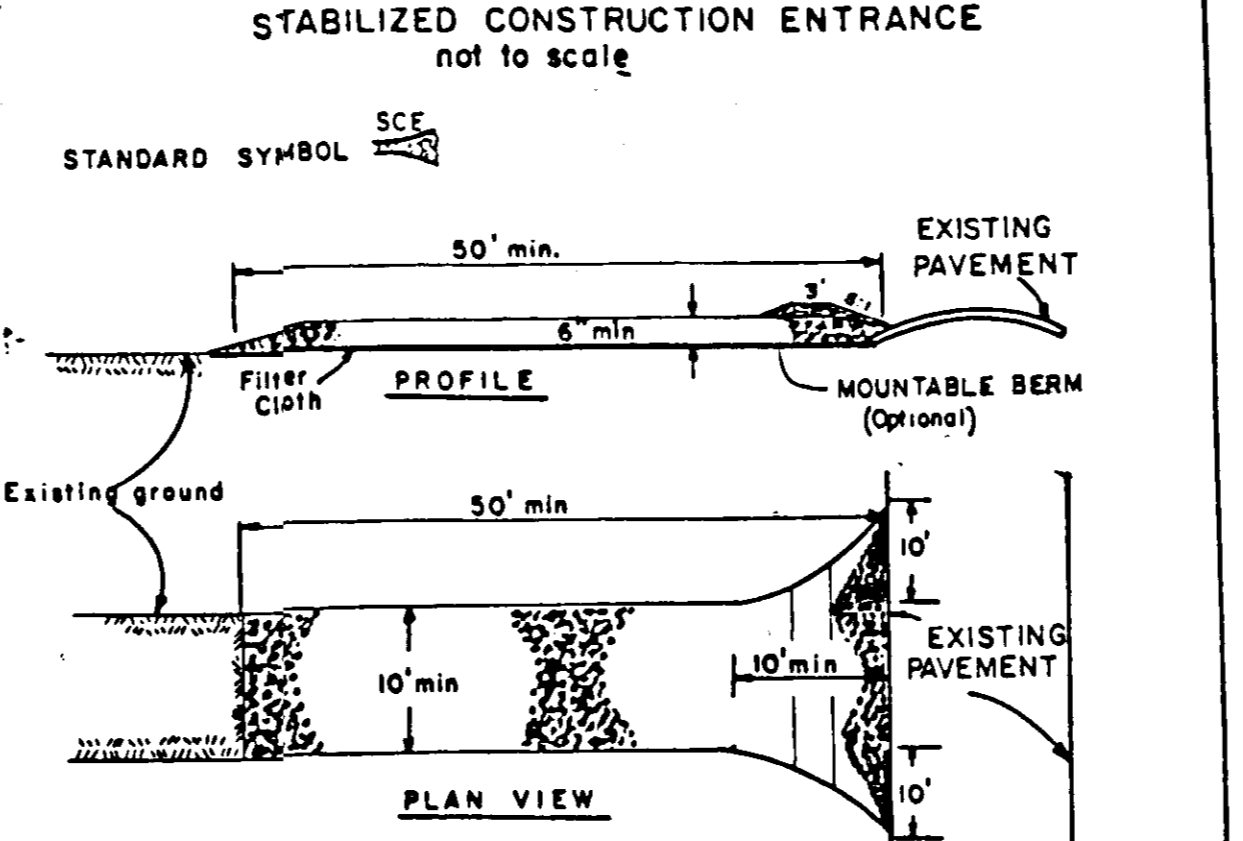
- OPTION:** A one foot layer of 2" stone may be placed on the upstream side of the riprap in place of the embedded filter cloth.
- CONSTRUCTION SPECIFICATIONS FOR ST-Y**
- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
  - The fill material for the embankment shall be free of roots and other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
  - All cut and fill slopes shall be 3:1 or flatter.
  - The stone used in the outlet shall be small riprap 4"-8" along with a 1' thickness of 2" aggregate placed on the upgrade side on the small riprap and embedded filter cloth in the riprap.
  - 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.
  - The structure shall be inspected after each rain and repairs made as needed.
  - Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
  - The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

Maximum Drainage Area: 2 Acres  
 U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND  
 STONE OUTLET SEDIMENT TRAP  
 STANDARD DRAWING ST-Y



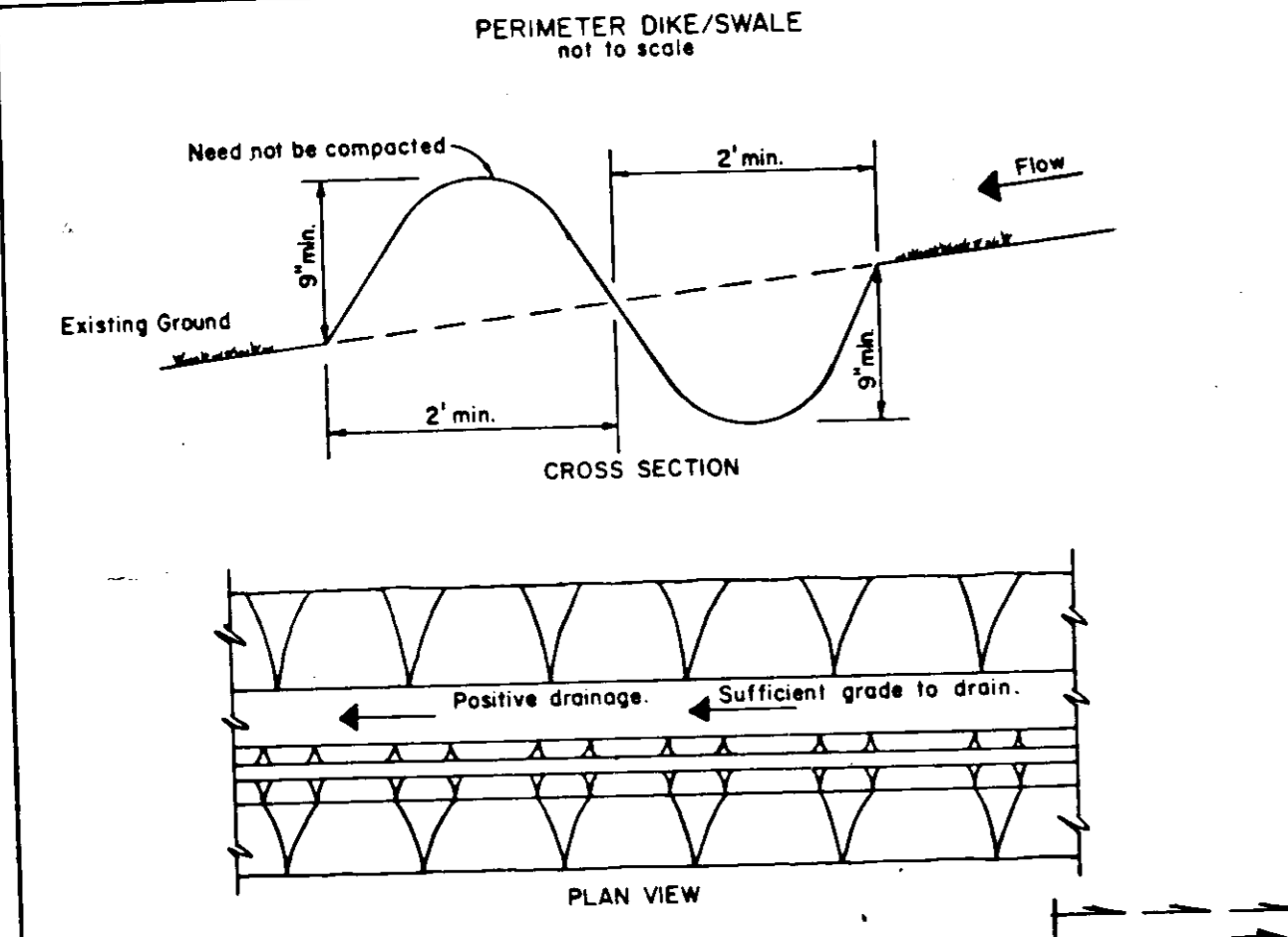
- All dikes shall be compacted by earth-moving equipment.
- All dikes shall have positive drainage to an outlet.
- Top width may be wider and side slopes may be flatter if desired to facilitate crossing by construction traffic.
- Location should be adjusted as needed to utilize a stabilized safe outlet.
- Earth dikes shall have an outlet that functions with a minimum of erosion. Runoff shall be conveyed to a sediment trapping device such as a sediment trap or sediment basin where either the dike channel or the drainage area above the dike are not adequately stabilized.
- Stabilization shall be: (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH IF NOT IN SEEDING SEASON; (B) FLOW CHANNEL AS PER THE CHART BELOW.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND  
 EARTH DIKE  
 STANDARD DRAWING ED-1



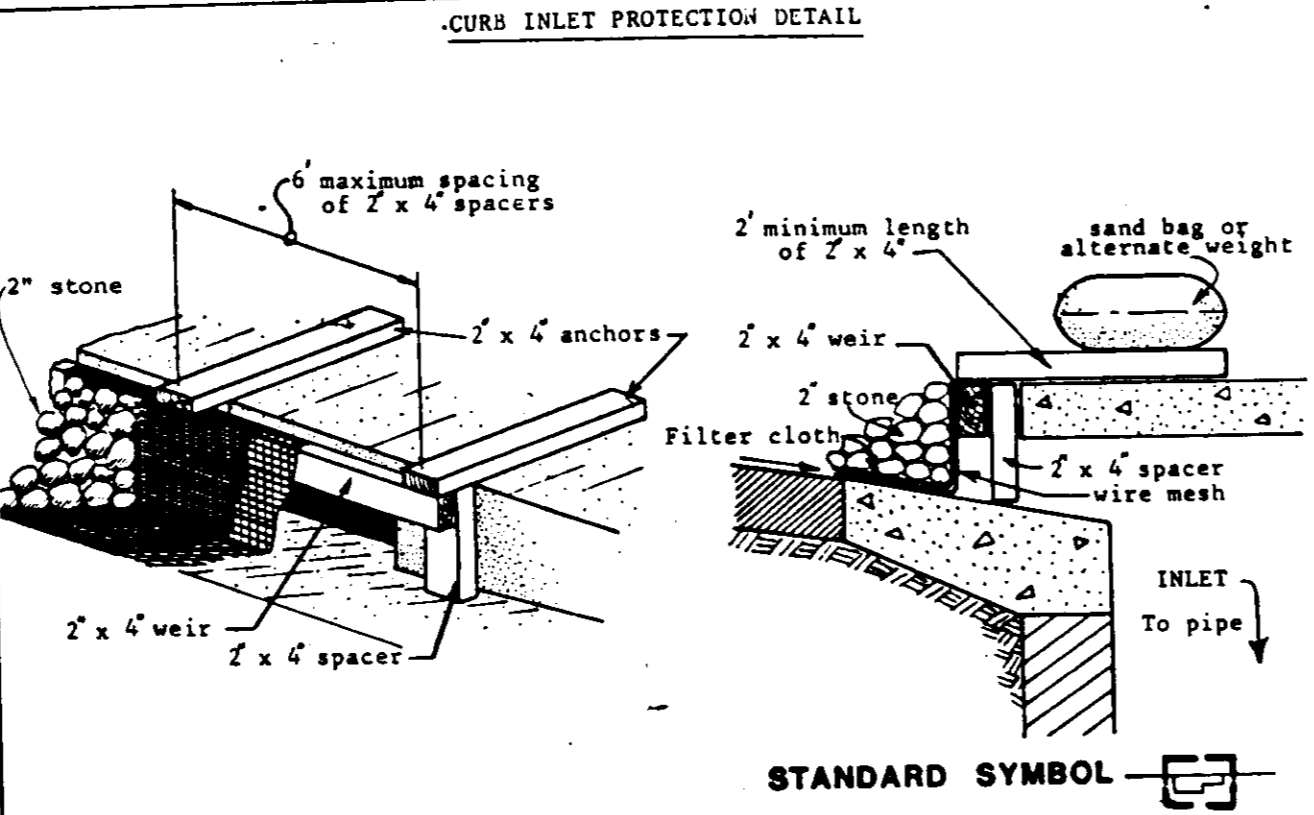
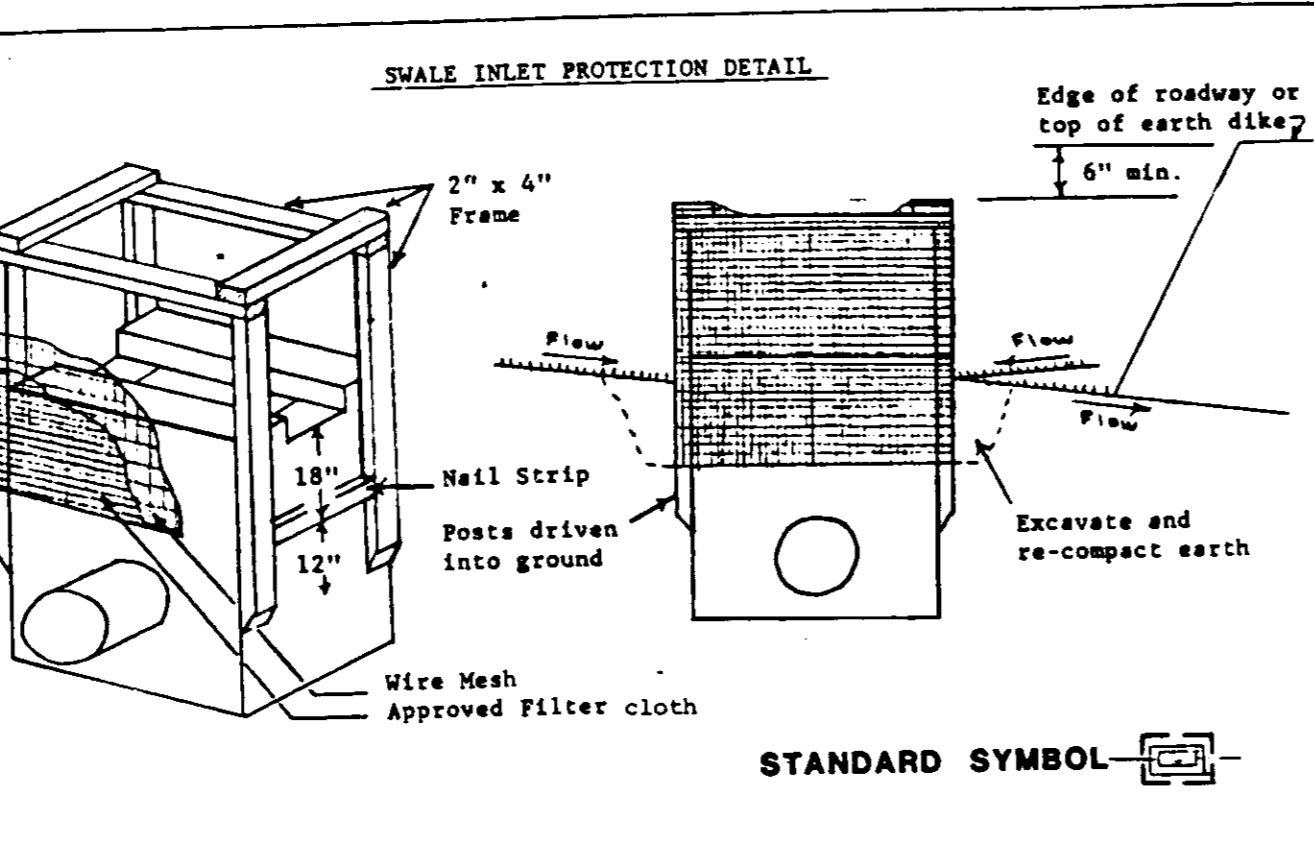
- CONSTRUCTION SPECIFICATIONS**
- Stone Size - use 2" stone, or reclaimed or recycled concrete equivalent.
  - Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
  - Thickness - Not less than six (6) inches.
  - Width - Ten (10) foot minimum, but not less than the full width at points where an 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 entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 3:1 slopes will be permitted.
  - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand require periodic cleaning or removal of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
  - Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-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.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MD.  
 STABILIZED CONSTRUCTION ENTRANCE  
 Standard Drawing SCE-1

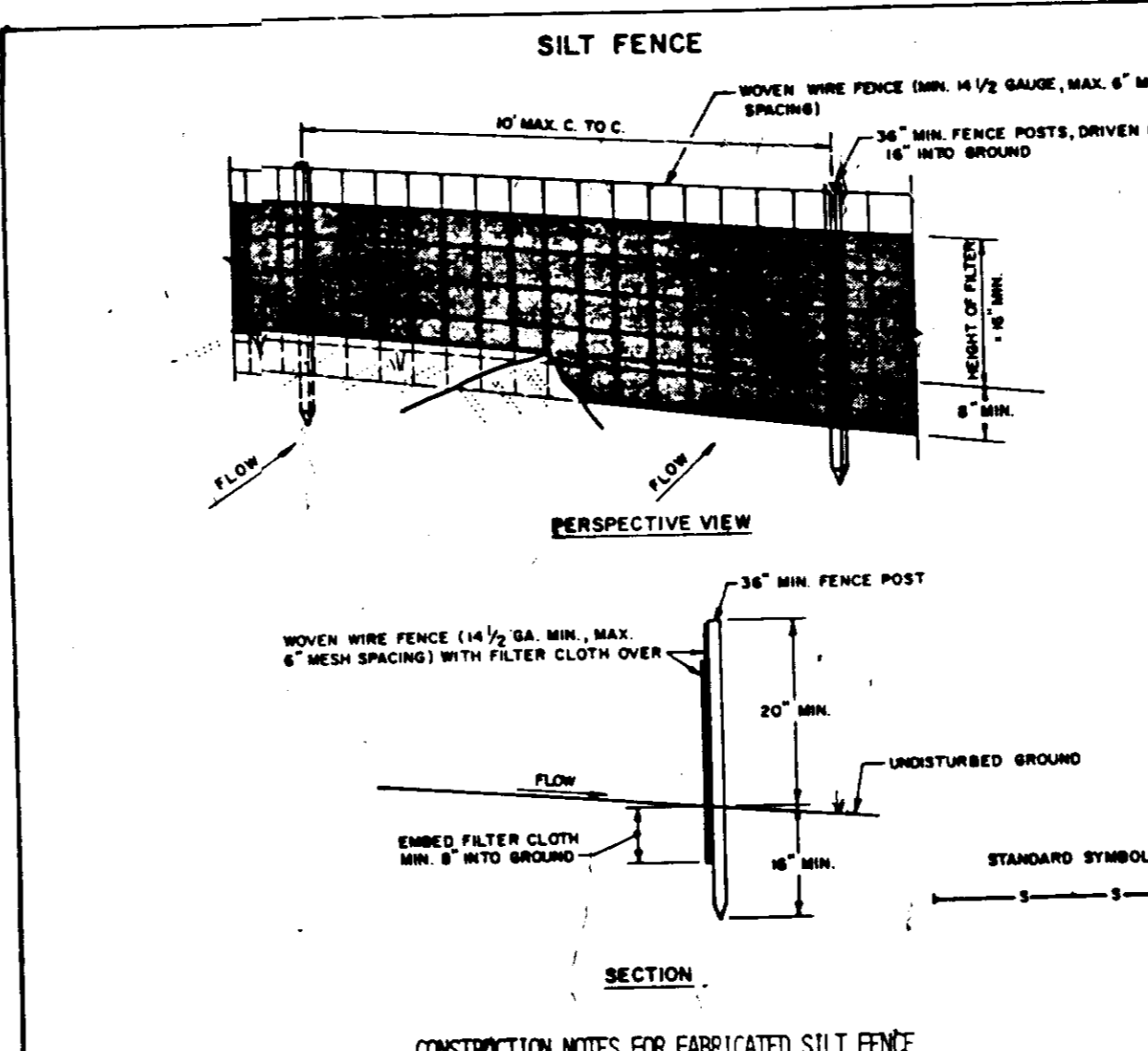


- CONSTRUCTION SPECIFICATIONS**
- All perimeter dike/swale shall have uninterrupted positive grade to an outlet.
  - Diverted runoff from a disturbed area shall be conveyed to a sediment trapping device.
  - Diverted runoff from an undisturbed area shall outlet into an undisturbed stabilized area at non-erosion velocity.
  - The swale shall be excavated or shaped to line, grade, and cross section as required to meet the criteria specified in the standard.
  - Stabilization of the area disturbed by the dike and swale shall be done in accordance with the standard and specification for seed and straw mulch, and shall be done within 10 days.
  - Periodic inspection and required maintenance must be provided after each rain event.

Max. Drainage Area Limit: 2 Acres  
 U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND  
 PERIMETER DIKE/SWALE  
 Standard Drawing PDS-1



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND  
 INLET PROTECTION DETAIL  
 STANDARD DRAWING IPD-1



- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
- Woven wire fence to be fastened securely to fence posts with wire ties or staples.
  - Filter cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.
  - When two sections of filter cloth adjoin in each other they shall be overlapped by six inches and folded.
  - Maintenance shall be performed as needed and material removed when mounds develop in the silt fence.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND  
 SILT FENCE  
 STANDARD DRAWING SF-1

**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 Amendments:** In lieu of soil test recommendations, use one of the following schedules:

- Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq ft).
- Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil.

**Seeding -** For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, 1000 lbs/1000 sq ft of weeping lovegrass. During the period of October 16 thru February 28, 1000 lbs per acre (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

**Mulching -** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of rotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

**Maintenance -** Inspect all seeded areas and make needed repairs, replacements and reseeds.

**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.

**Soil Amendments:** Apply 60 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

**Seeding:** For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushel per acre of annual rye (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

**Mulching:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of rotted small grain straw immediately after seeding. Anchor immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

**SEDIMENT CONTROL NOTES**

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within: 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 sediment traps/basins shown 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. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis:  
 Total Area of Site 4.167 Acres  
 Area Disturbed 4.0 Acres  
 Area to be roofed or paved 2.80 Acres  
 Area to be vegetatively stabilized 1.367 Acres  
 Total Cur \_\_\_\_\_ Cu. yds  
 Total Fill \_\_\_\_\_ Cu. yds  
 Offsite waste/borrow area location \_\_\_\_\_
- 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 controls must be provided, if deemed necessary by the Howard County DPW sediment control inspector.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER DATE 4-22-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR DATE 4-23-87

APPROVED: CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
 DIRECTOR DATE 4-23-87

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR DATE 4-15-87

CHIEF BUREAU OF ENGINEERING DATE 4-15-87

APPROVED: DIVISION OF LAND DEVELOPMENT AND ZONING  
 HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 DATE 3-9-87  
 MO/BJD

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
 U.S. SOIL CONSERVATION DISTRICT DATE 4-13-87

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

**DEVELOPER'S CERTIFICATION**  
 I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT THE DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF ANY SEDIMENT EROSION BEFORE BEGINNING THE PROJECT.  
 FRBD B. ROEHNER, PRES. UADC DATE OCT 31, 1986

**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 CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
 JEROME J. NORRIS PLS NO. 4607 DATE OCT 31, 1986

**JJN**  
 JEROME J. NORRIS AND ASSOCIATES  
 LAND PLANNING HOUSING CONSULTANTS  
 6001 32nd STREET, N.W.  
 WASHINGTON, D.C. 20015

UADC COLUMBIA INC.  
 1000 COVENTRY WAY  
 BETHESDA, MARYLAND 20817

UNITED AMERICAN DEVELOPMENT CORPORATION  
 1000 COVENTRY WAY  
 BETHESDA, MARYLAND 20817

DATE OCT 31, 1986  
 AGENT  
 PROJ. MGR.  
 ASSISTANT  
 SCALE NONE  
 NORTH

SYMB. DATE ISSUED FOR BY

10620 RIGGS HILL ROAD  
 JESSUP, MARYLAND 20704

10620 RIGGS HILL ROAD  
 JESSUP, MARYLAND 20704

**UNITED AMERICAN BUSINESS CENTER**

PARCEL C-9  
 CORRIDOR NORTH  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SEDIMENT CONTROL DETAILS

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 SDP-87-94