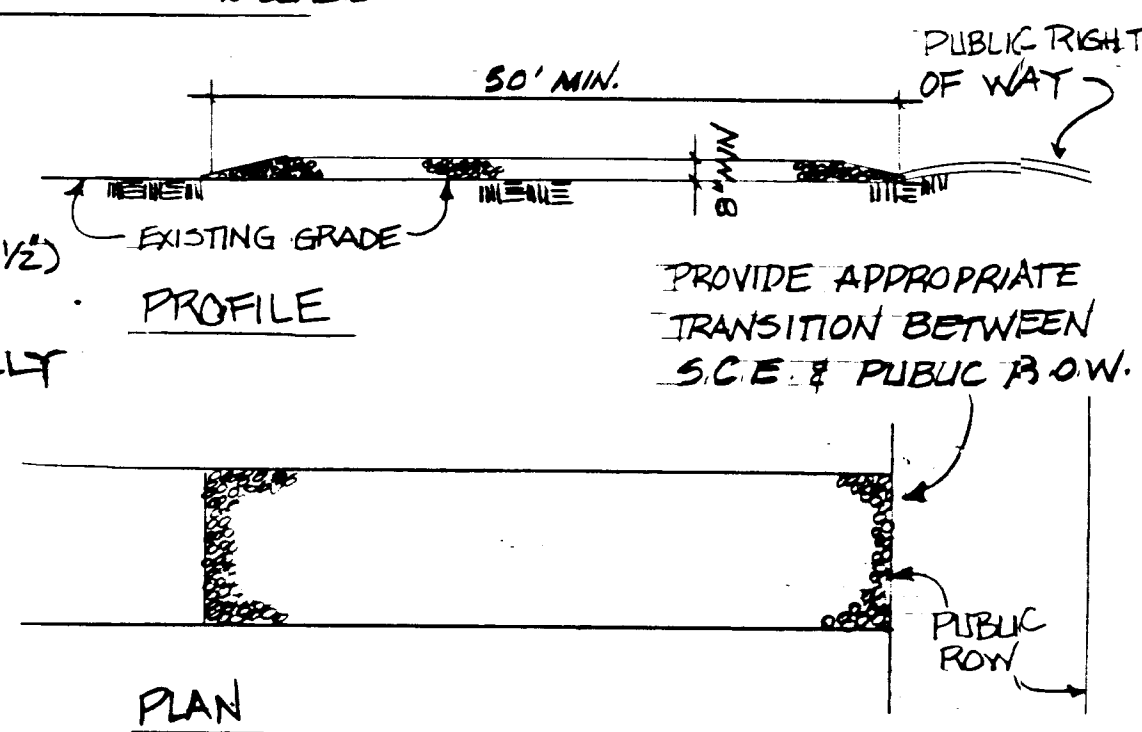


CONSTRUCTION SEQUENCE

1. OBTAIN GRADING PERMIT
2. INSTALL STRAW BALEDIKE, ALL SEDIMENT CONTROLS & POND
3. ROUGH GRADE SITE AND EXCAVATE
4. BACKFILL SITE
5. FINE GRADE & STABILIZE WITH SEED, MULCH, AND TACK AS SOON AS WEATHER PERMITS.
6. DEPT. APPROVAL OF SEDIMENT CONTROL INSPECTOR. REMOVE ALL SEDIMENT CONTROL DEVICES & STABILIZE.

STABILIZED CONSTRUCTION ENTRANCE

- 1) STABILIZED CONSTRUCTION ENTRANCE SHALL BE MINIMUM 50' LONG, 15' WIDE & 8" DEEP
 - 2) STONE SHALL BE MSHA NO. 2 (2 1/2" - 1") OR ASSHTO DESIGNATION M.43 SIZE NO. (2 1/2" - 1 1/2") USE CRUSHED STONE.
 - 3) ENTRANCE SHALL BE TOP DRESSED PERIODICALLY AS NECESSARY.
- NOTE: DURING CONSTRUCTION OPERATION ONLY



SEEDING NOTES

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Soil Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding.

Soil Amendment: To test of soil test recommendations, use one of the following schedule:

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (21 lbs/1000 sq ft) and 500 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding.
- 2) Alternative - Apply 2 tons per acre dolomitic limestone (21 lbs/1000 sq ft) and 500 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (14 lbs/1000 sq ft).
- 3) Acceptable - Apply 2 tons per acre dolomitic limestone (21 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (21 lbs/1000 sq ft) before seeding.

Seeding - For the periods March 1 thru April 30, and August 1 thru October 15, seed with 20 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 (0.05 lbs/1000 sq ft) of vernalis lespedeza. During the period of October 16 thru February 28, seed with 3 lbs per acre of vernalis lespedeza (0.07 lbs/1000 sq ft). For the period November 1 thru February 28, restrict site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) seed with 60 lbs Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Planting - Apply 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 mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt for anchoring. 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 replantings.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redeveloped where a short-term vegetative cover is needed.

Soil Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding.

Soil Amendment: Apply 500 lbs per acre 20-10-10 fertilizer (14 lbs/1000 sq ft)

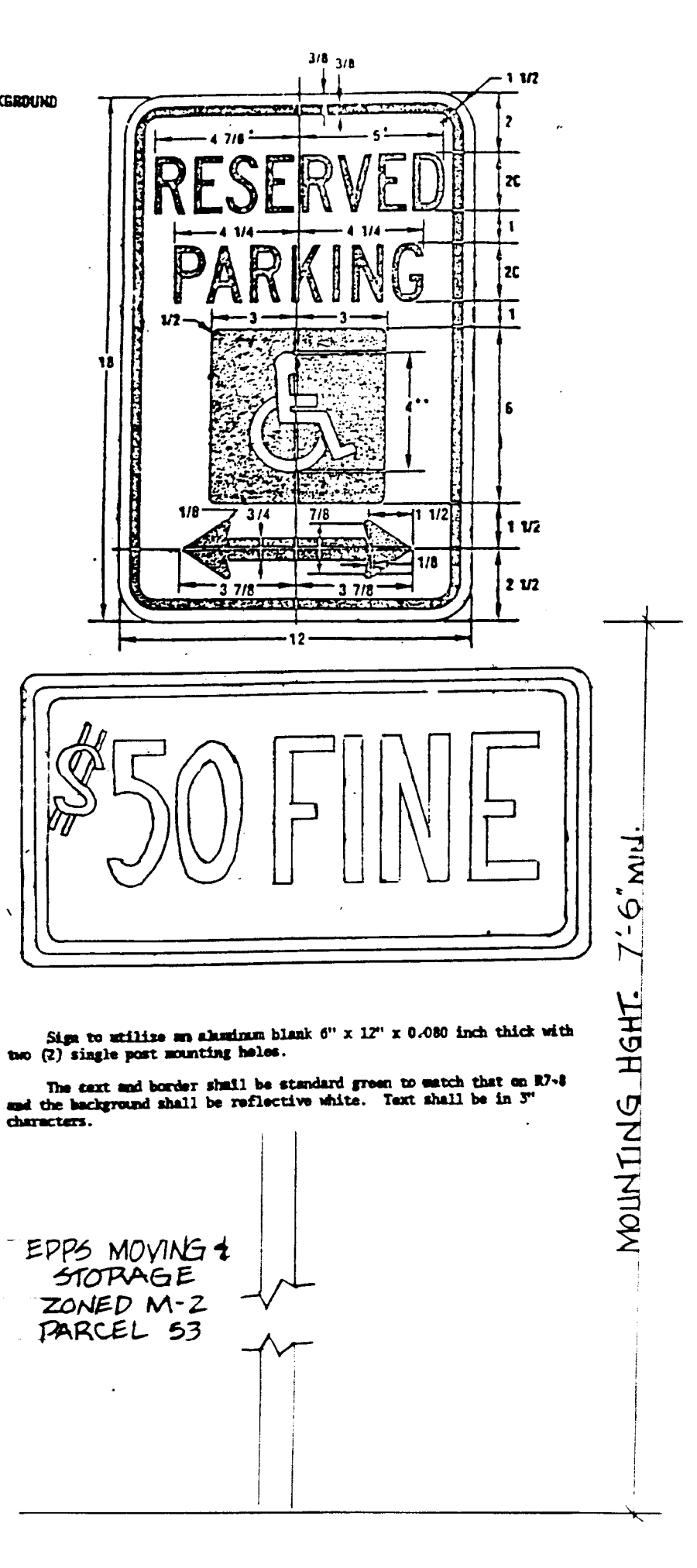
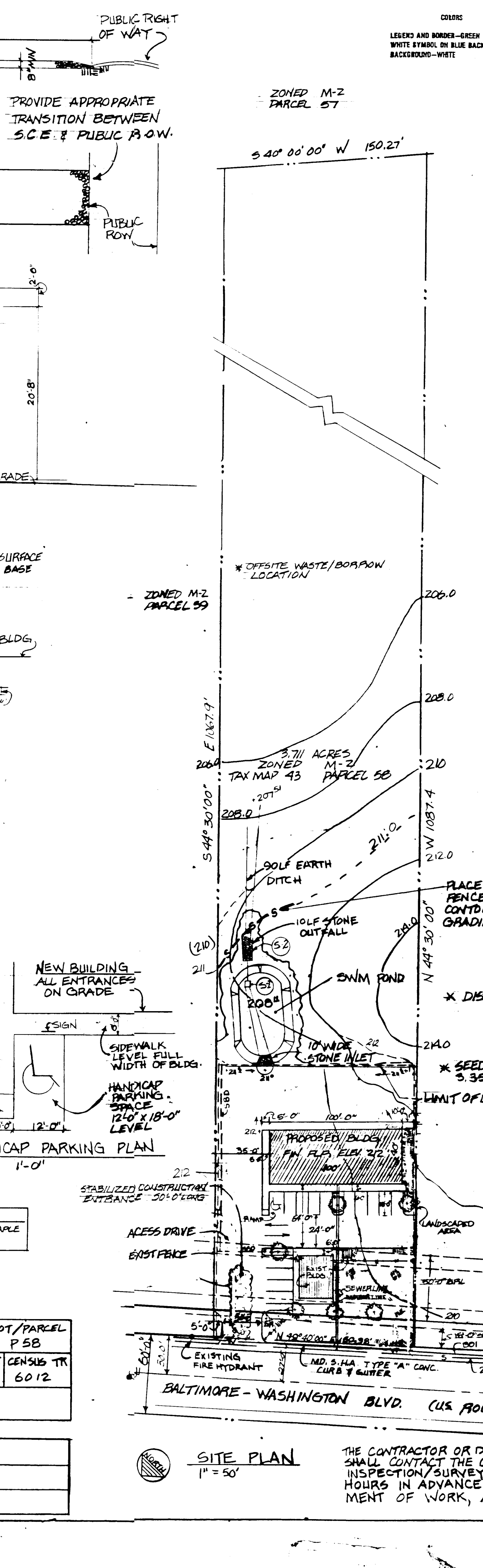
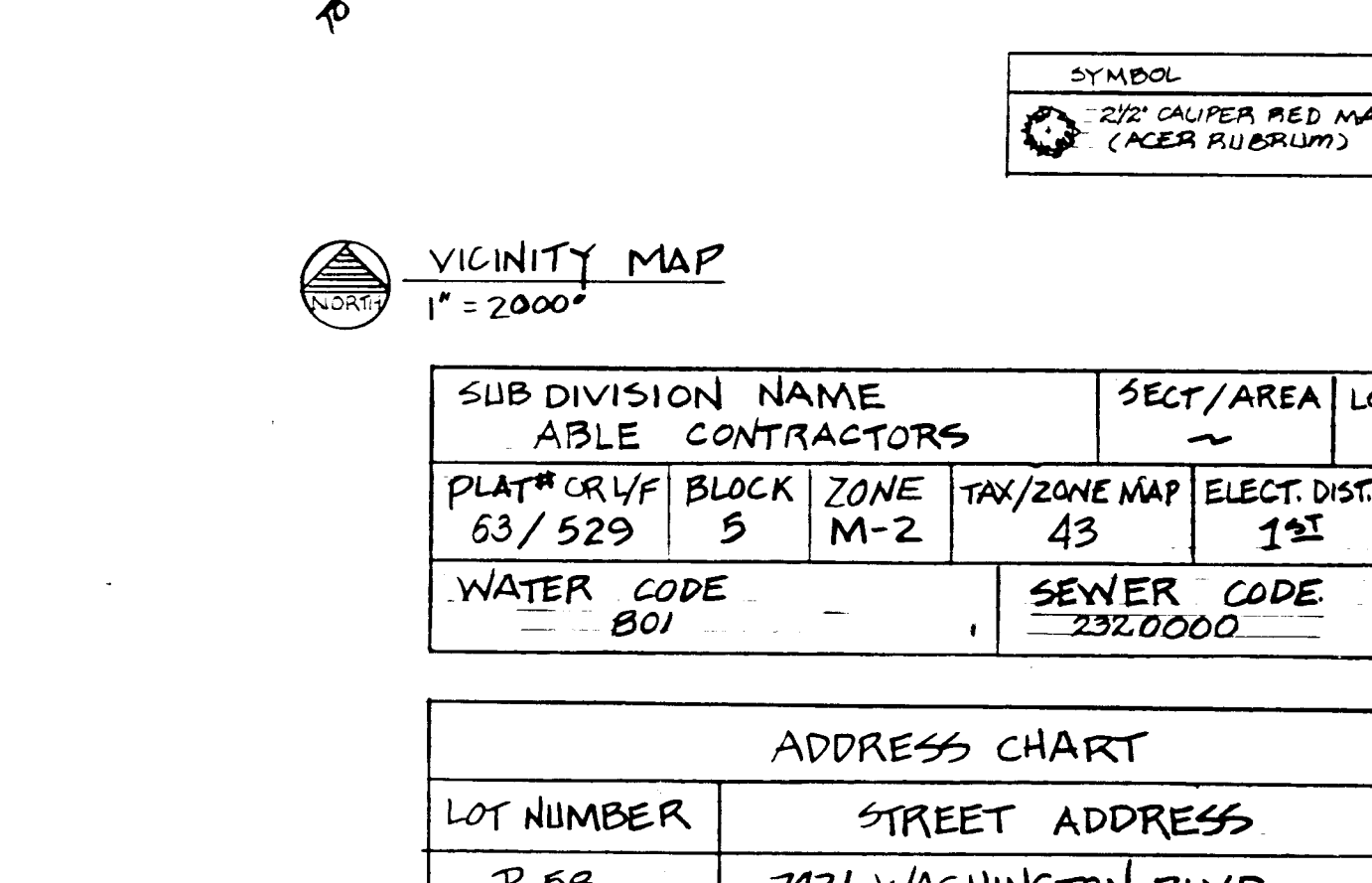
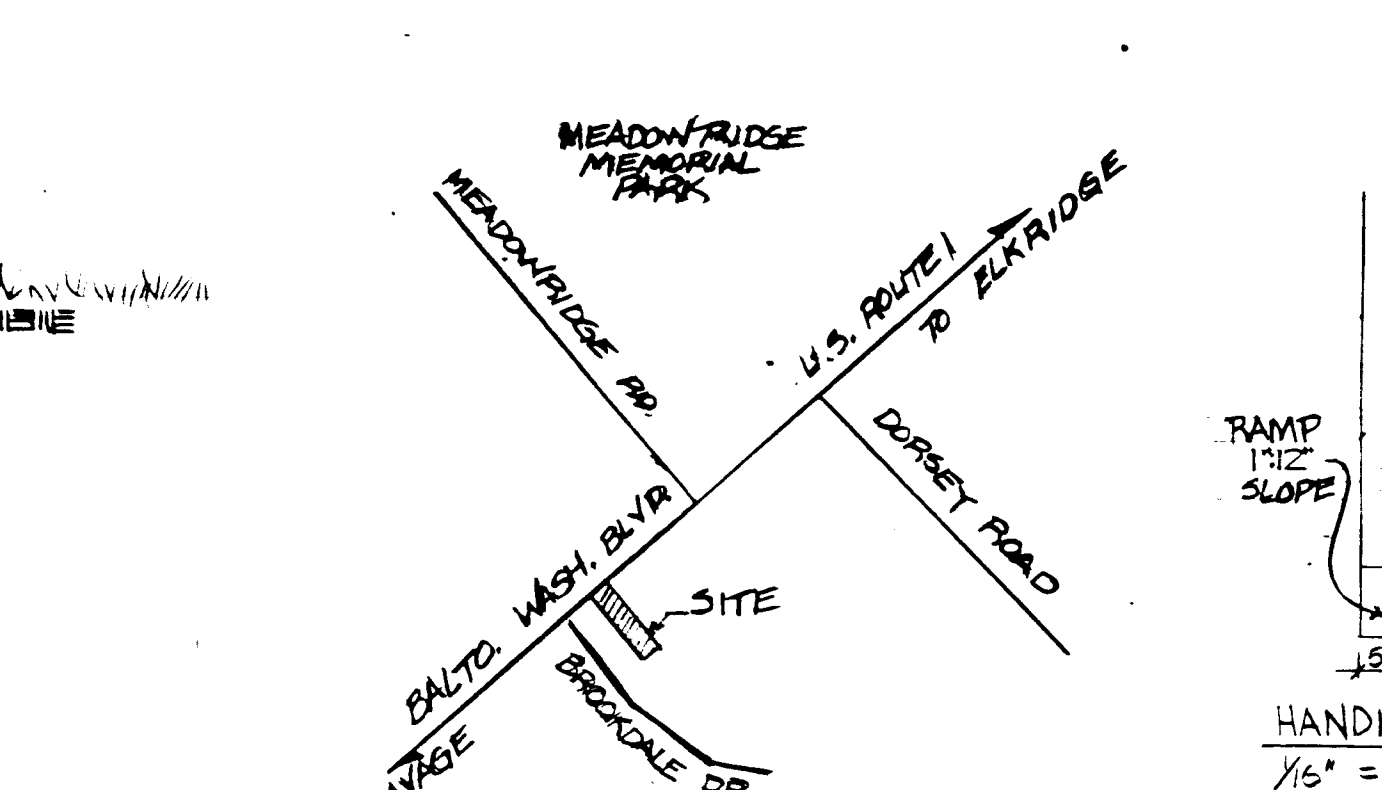
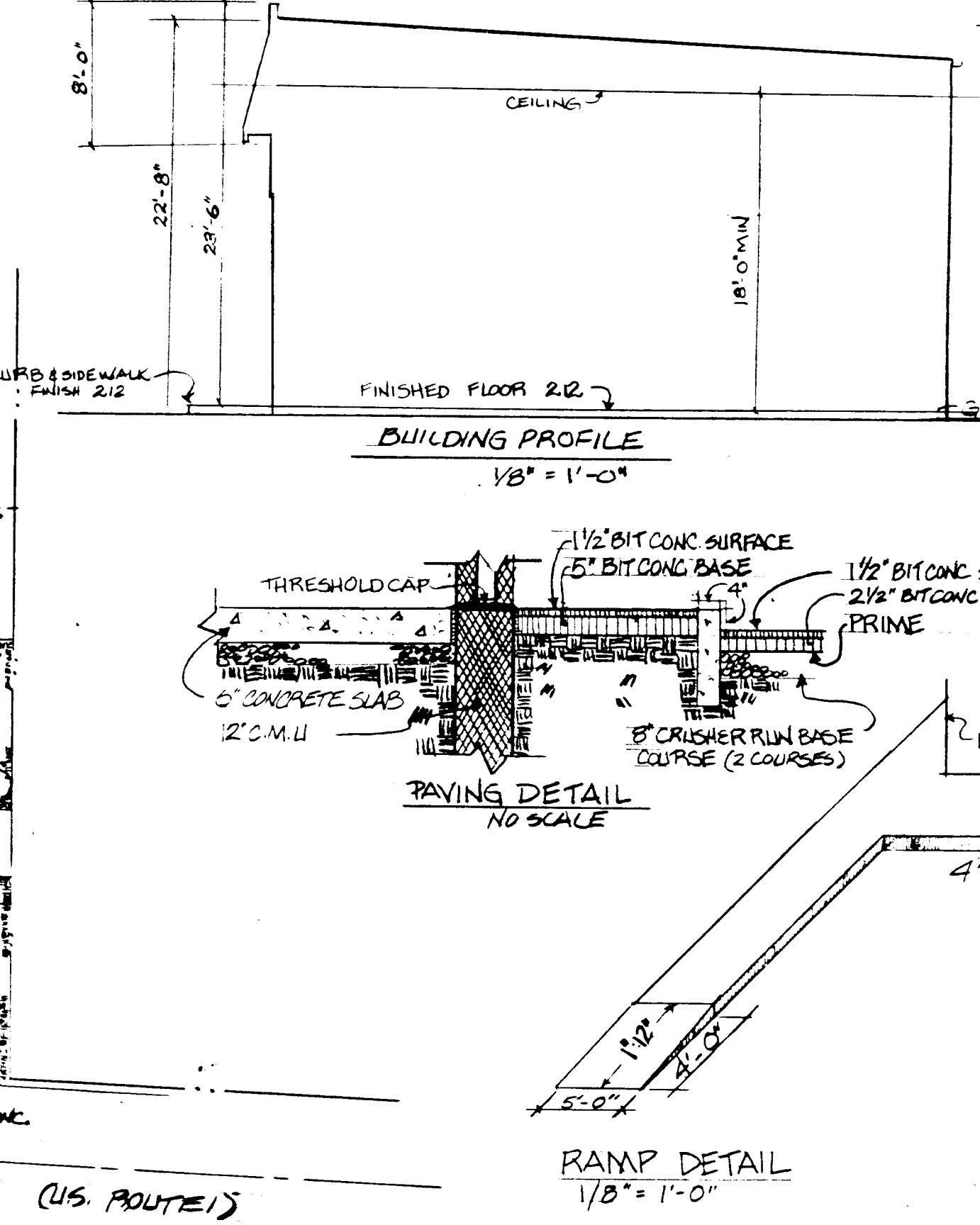
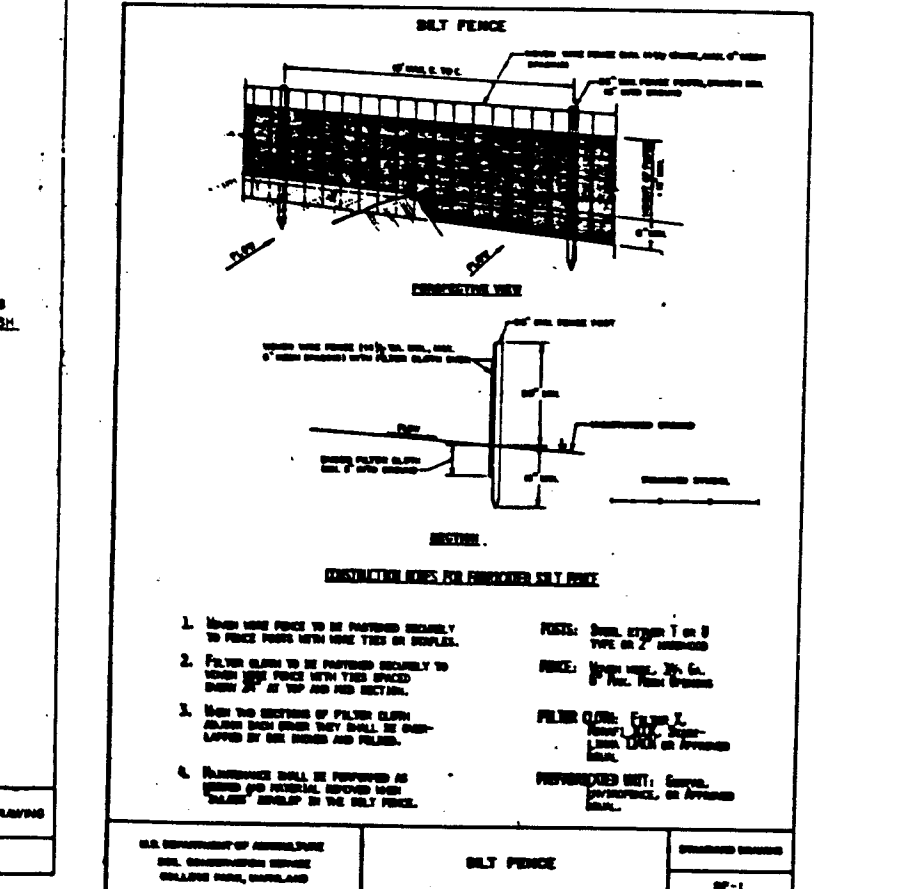
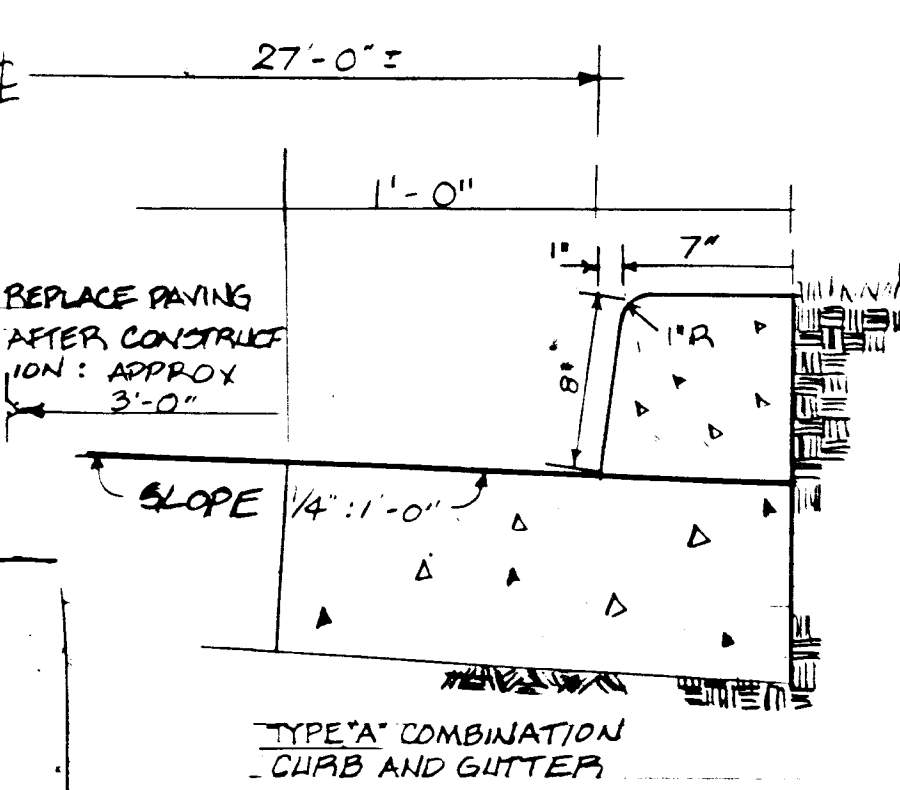
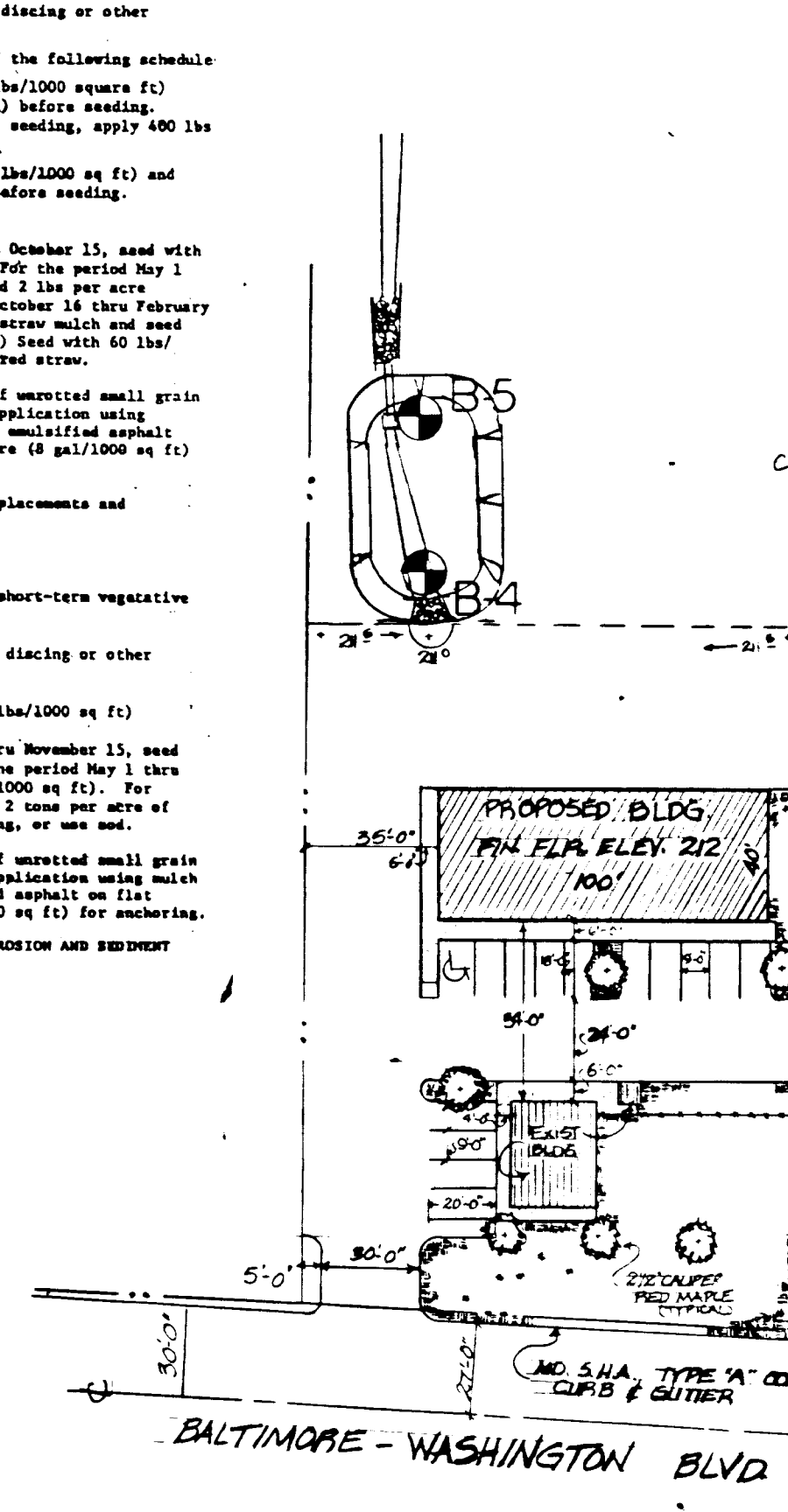
Seeding - For periods March 1 thru April 30 and from August 15 thru November 15, seed with 20 lbs per acre of annual ryegrass (1.4 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of vernalis lespedeza (0.07 lbs/1000 sq ft). For the period November 16 thru February 28, restrict site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use seed.

Planting - Apply 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 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.

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

SEEDING NOTES

- 1) A statement of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (192-1272)
- 2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) Following initial soil disturbance or redistribution, 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 2:1, 1/4 mile or so all other disturbed or graded areas on the project site.
- 4) All sediment control structures shall be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 21, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- 5) 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) and (Sec. 54), temporary seedings (Sec. 50) and mulching (Sec. 53). Temporary stabilization with mulch alone can only be done when recommended seedings do not allow for proper germination and establishment of grasses.
- 6) All sediment control structures are to remain in place and are to be maintained to constructive condition until permission for their removal has been obtained from the Howard County Sediment Inspector.
- 7) Site Analysis:
Total Area of Site: 3.771 Acres
Area to be seeded or planted: 2.820 Acres
Area to be vegetatively stabilized (EXIST. O.S.T.M.): 0.951 Acres
Total Dist.: 3.771 Acres
Total Fill: 312,000 Cu. Yds.
Office waste/hazardous waste location: SEE PLAN
8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be replaced on the same day of disturbance.



APPROVED: PUBLIC WATER, PUBLIC SEWERAGE, AND STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD DEPARTMENT OF PUBLIC WORKS
 [Signature] DIRECTOR 6-15-87 DATE
 [Signature] CHIEF, BUREAU OF ENGINEERING 1/6/87 DATE

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 [Signature] COUNTY HEALTH OFFICER 6-17-87 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 [Signature] PLANNING DIRECTOR 6-17-87 DATE
 [Signature] CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION 6-17-87 DATE

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 10-8-86

SEEDING CONTROL

- 1) Provide the following verification blocks on sediment control plans:
- 2) By the Developer:
 "I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a certificate of attendance at a Department of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project."
 Signature of Developer: [Signature] Date: [Date]
 Title: [Title]
- 3) By the Designer:
 "I/We 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 County Department of Public Works."
 Signature of Designer: [Signature] Date: [Date]
 Title: [Title]
- 4) Endorsed for HOWARD COUNTY, D.C.
 [Signature] Date: 5-6-87
 Title: [Title]
- 5) THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION. DATE 5/6/87

ADDRESS CHART

PARCEL NUMBER	STREET ADDRESS
58	7421 U.S. ROUTE 1

SUBDIVISION NAME: ABLE CONTRACTORS
 SECT./AREA: 5/29
 LOT/ PARCEL #: 58
 PLAT & DE W/P BLOCK # ZONE TAX/ZONE MAP REC. DIST. CENSUS TR.
 63/529 5 M-2 43 1ST 6012
 WATER CODE: B01 SEWER CODE: 2320000

PROJECT NAME: OFFICE/WAREHOUSE
 FLOOR AREA: OFFICE/WAREHOUSE 1500 SF/2,500 SF = 4,000 SF
 EMPLOYEES ON SITE: FIVE (5)
 OPEN SPACE: 132,670 SF OR 3.12 AC. 84%
 PARKING: 9,220 SF OR 0.21 AC. & LANDSCAPING 1/4 IN. PARKING AREA 486 SF OR 0.011 AC.
 REQ'D: 9 SPACES 1 HANDICAPPED
 PROVIDED: 9 SPACES 1 HANDICAPPED

OWNER & DEVELOPER
 WILLIAM HATMAN
 7421 WASHINGTON BOULEVARD
 ELKRIE, MARYLAND 21227
 HOWARD COUNTY, MARYLAND

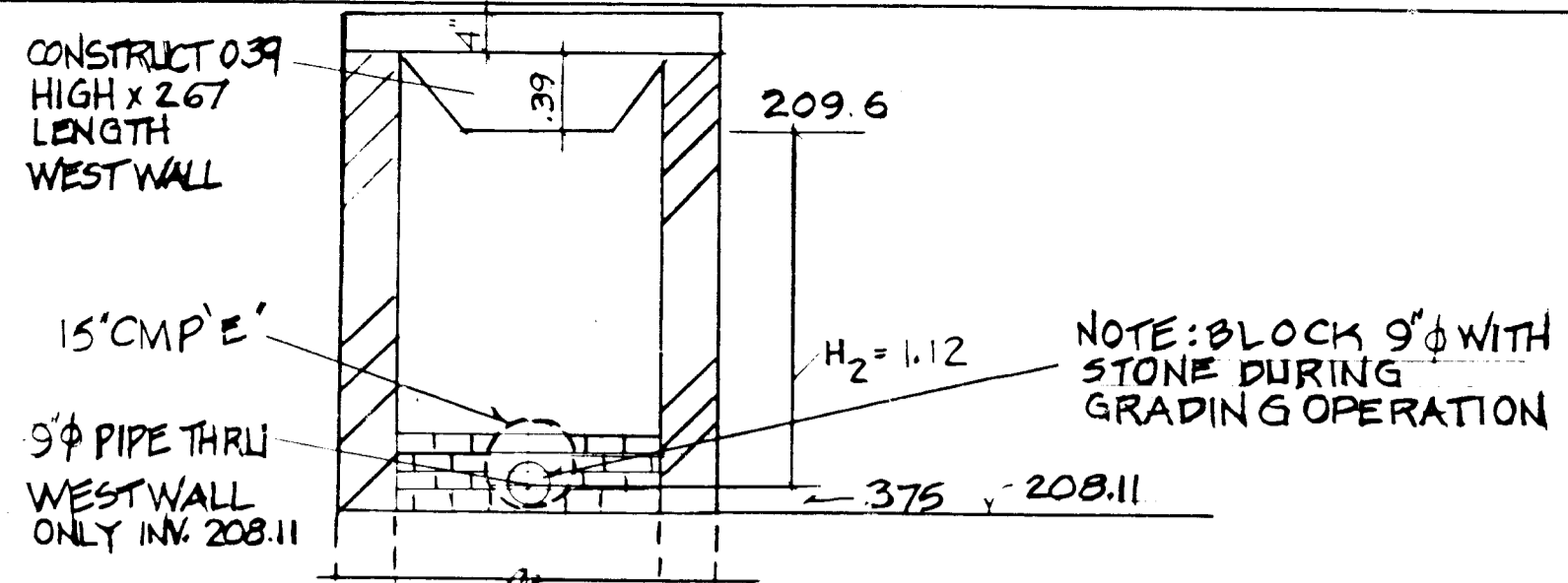
ENGINEER
 JOHN A. SCHNEIDER
 LAND DEVELOPMENT CONSULTANTS
 57 MT. GREEN CIRCLE
 BALTIMORE, MARYLAND 21207
 (301) 265-6543

DATE: [Blank]
 REVISED: [Blank]
 SEAL: [Seal]
 SHEET 1 OF 3

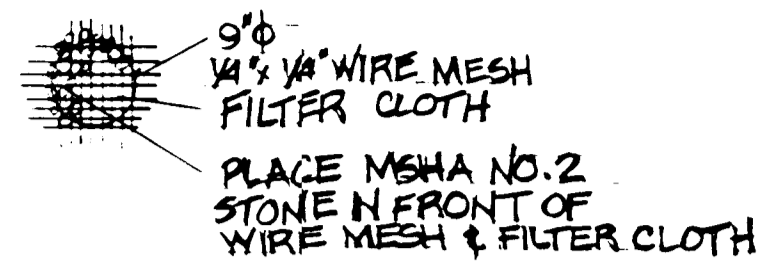
SDP-84-301

SUB DIVISION NAME	SECT./AREA	LOT/PARCEL
ABLE CONTRACTORS	5/29	58
PLAT & DE W/P BLOCK	ZONE	TAX/ZONE MAP
63/529	5	M-2 43
WATER CODE	SEWER CODE	ELECT. DIST.
B01	2320000	1ST
CENSUS TR.		6012

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
P 58	7421 WASHINGTON BLVD.

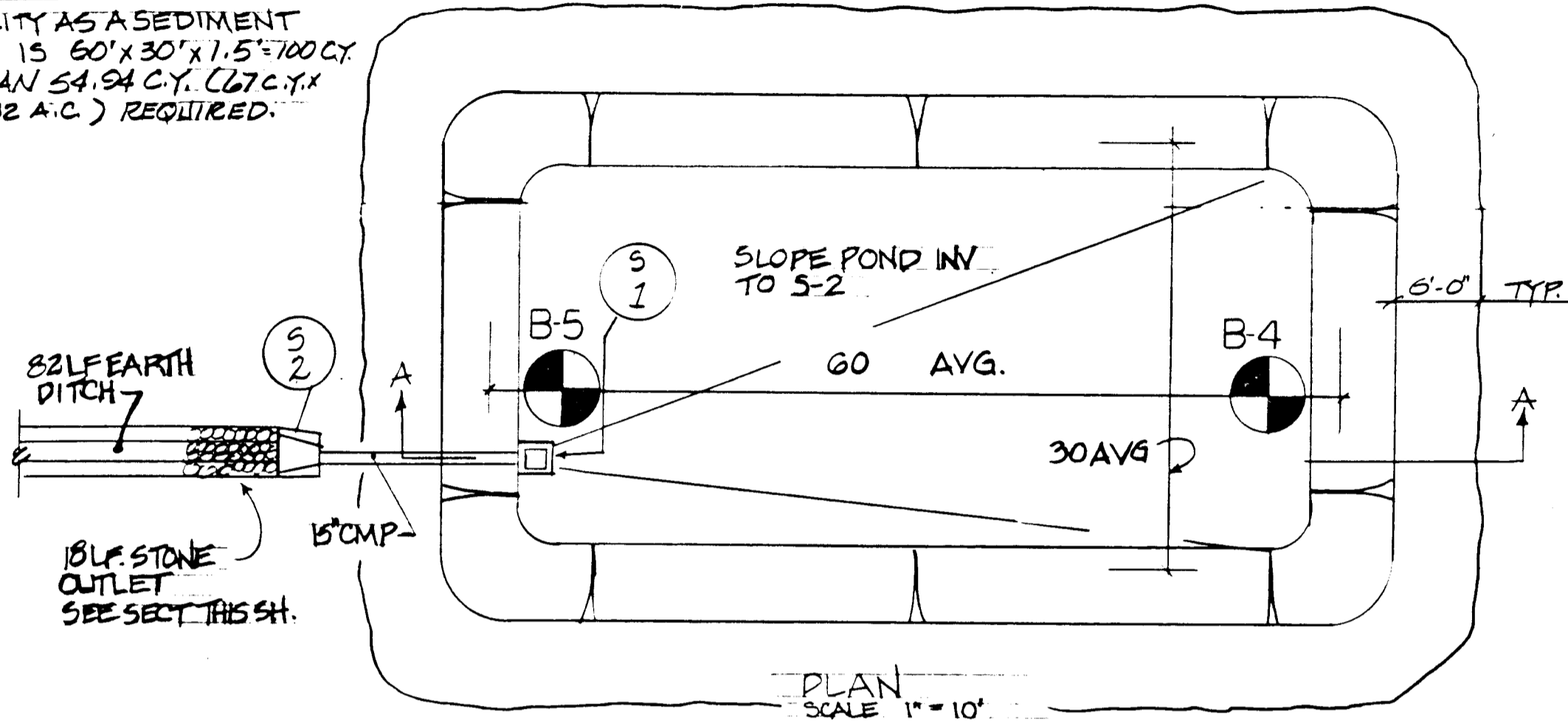


OPENING DETAIL S-1
NO SCALE

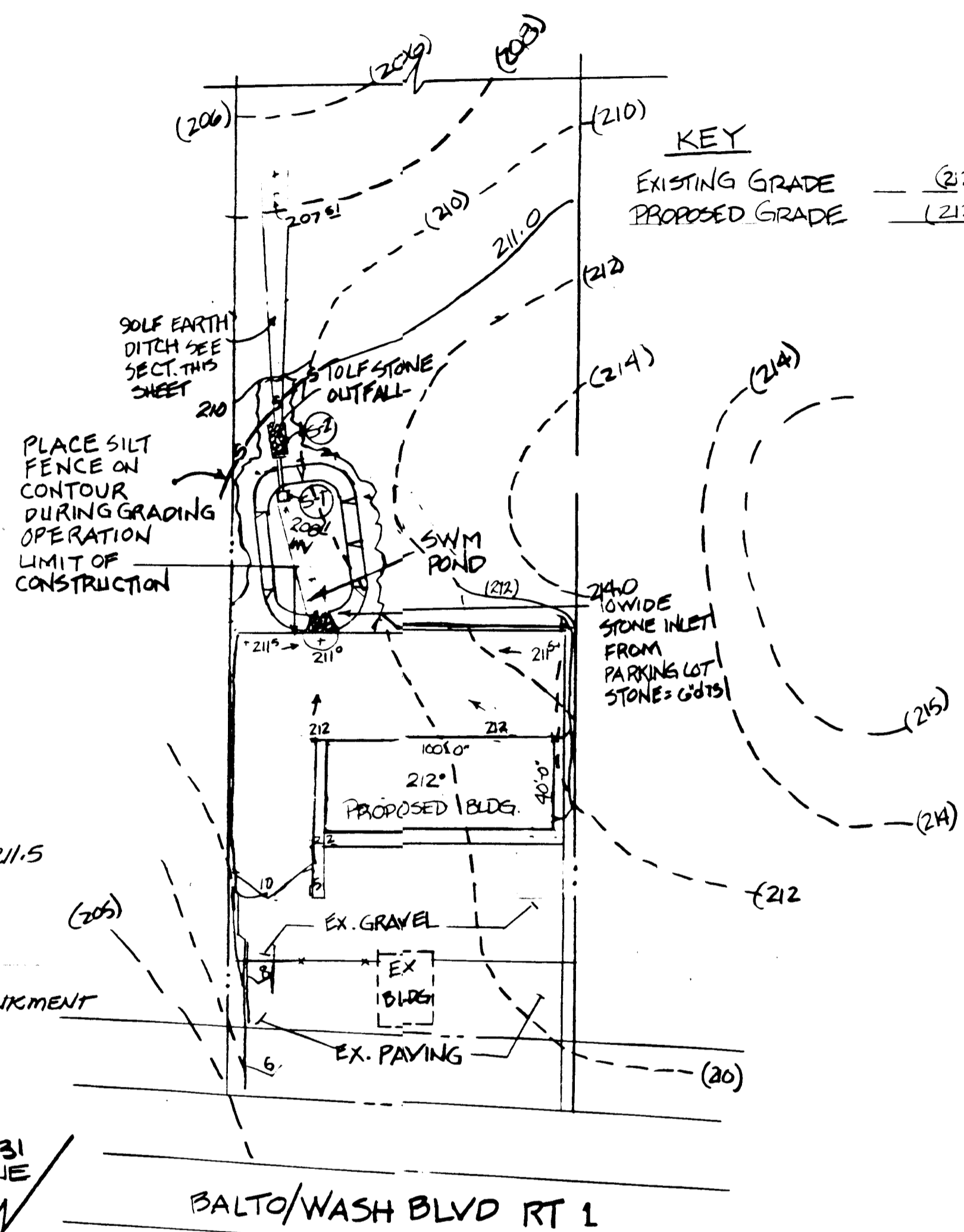


METHOD OF
BLOCKING 3/8" IN S-1
NO SCALE
DURING GRADING OPERATION

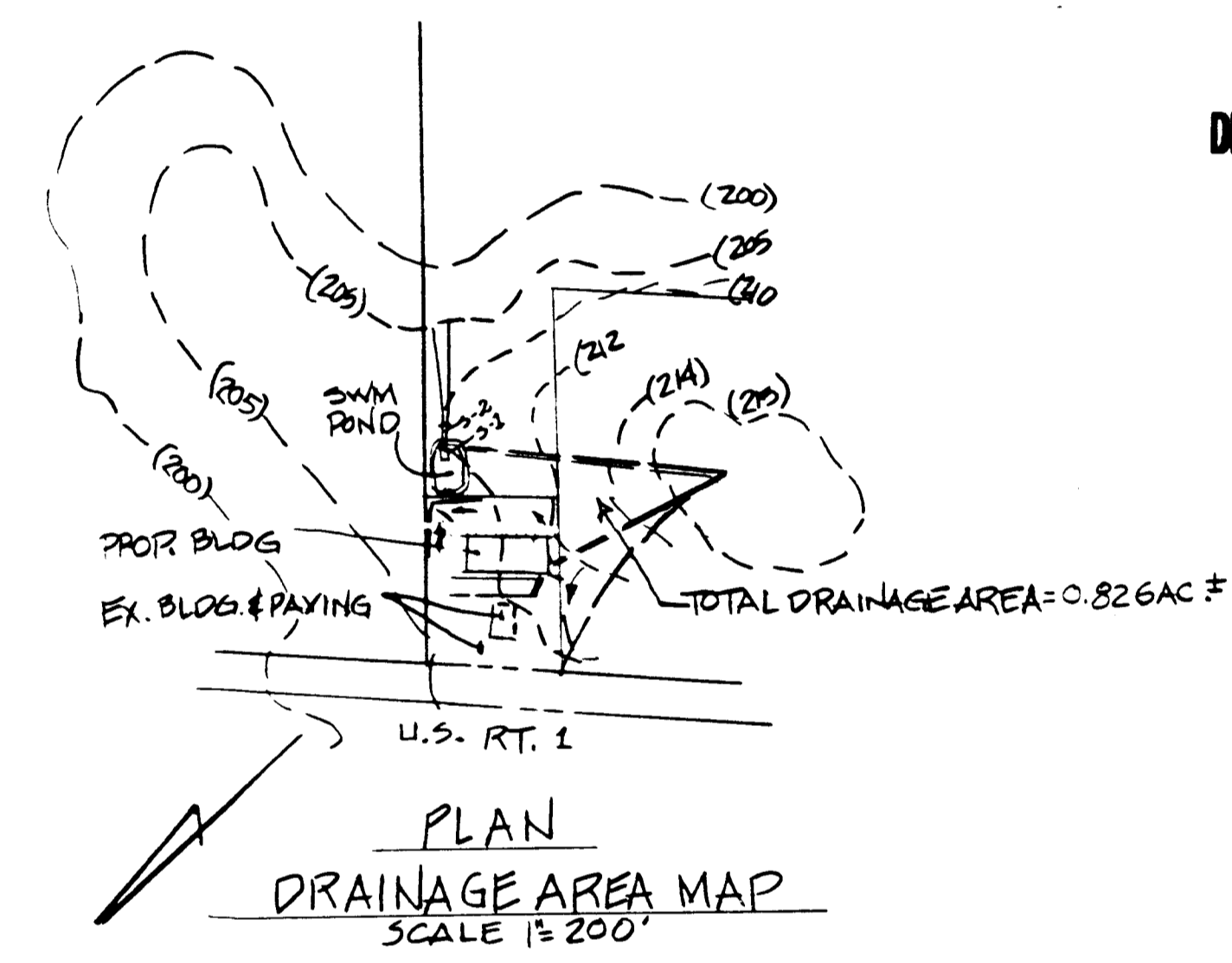
SEDIMENT TRAP CAPACITY
USING THE SWM FACILITY AS A SEDIMENT TRAP, THE CAPACITY IS 60' X 30' X 1.5' = 2700 CY. WHICH IS GREATER THAN 54.94 CY. (2.7 C.Y. DRAINAGE AREA OF 0.82 AC.) REQUIRED.



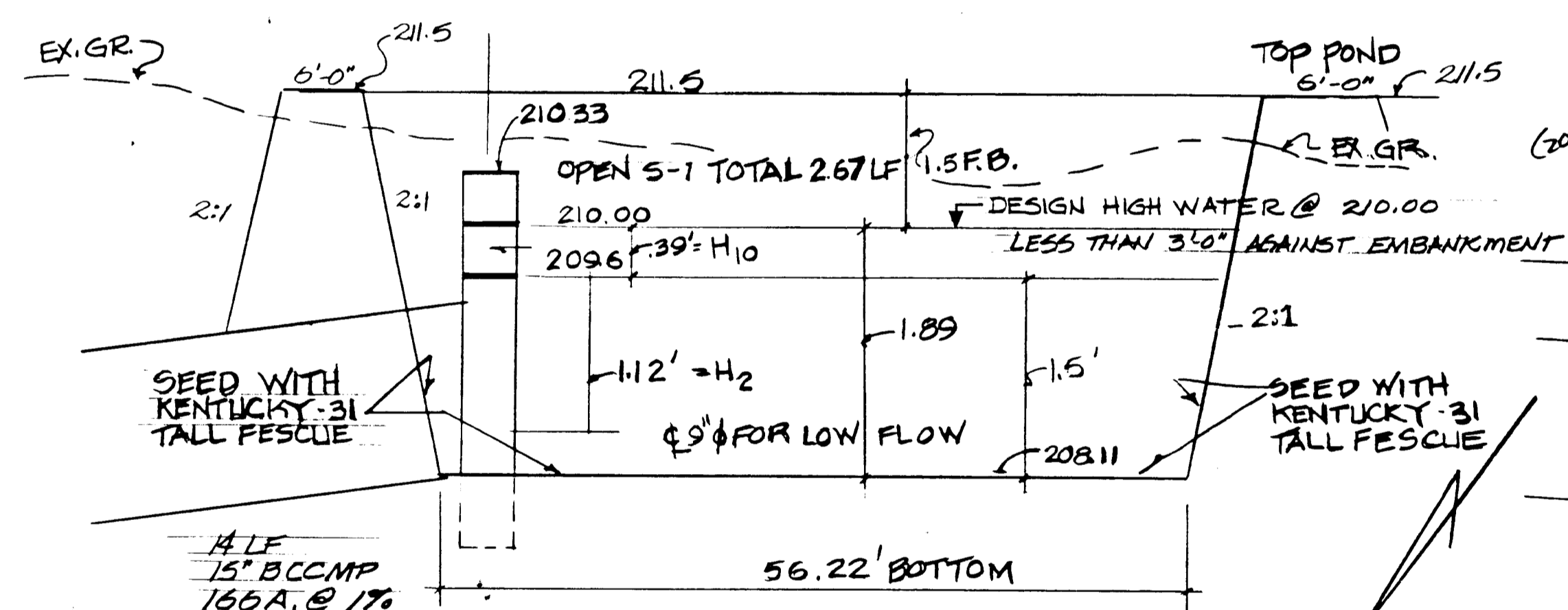
PLAN
SCALE 1" = 10'



PLAN
SCALE: 1" = 50'

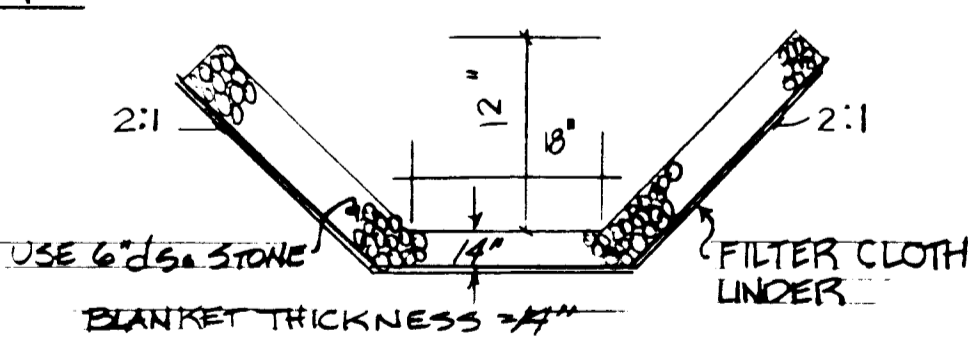


KEY
EXISTING GRADE = (215)
FIN. GRADE = (212)

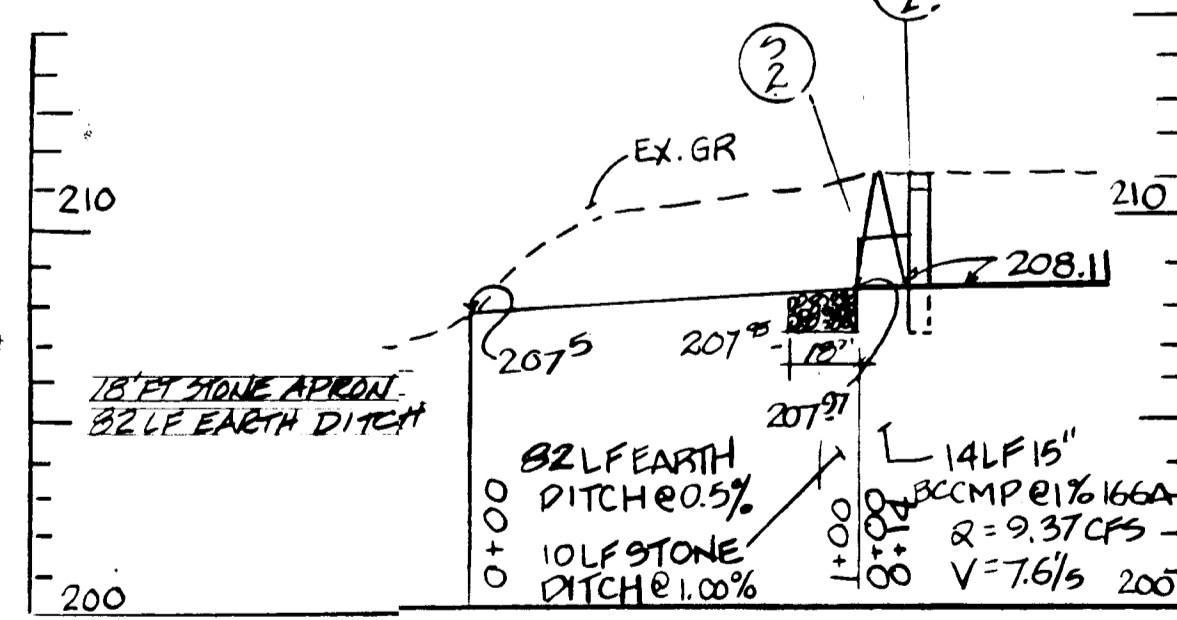


SECTION A-A
SCALE: HOR. 1" = 10'
VERT. 1" = 1.50'

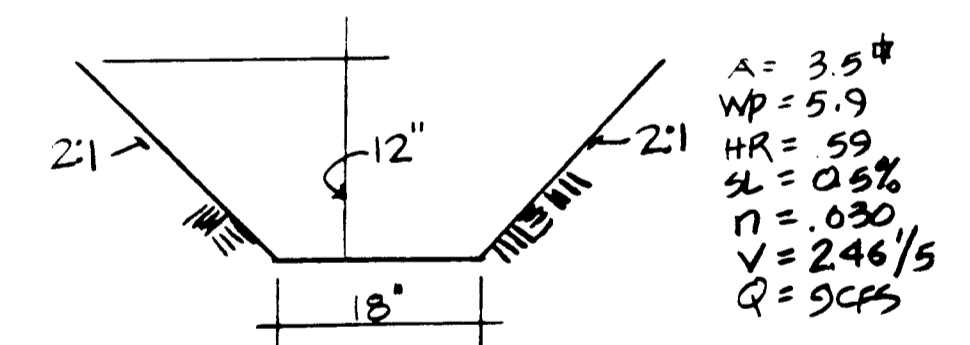
STORM WATER MANAGEMENT FACILITY



STONE OUTLET DITCH S-2
NO SCALE



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



EARTH OUTFALL DITCH S-2

STORM WATER MANAGEMENT
FOR
7421 WASHINGTON BLVD
SDP 84-301

1ST DISTR. AUG. 21, 1984
HO CO MD

PROJECT NAME: _____
OFFICE/WAREHOUSE
HOWARD COUNTY, MARYLAND
PARCEL # 58 ELECTION DISTRICT: 1ST

OWNER & DEVELOPER
WILLIAM HATMAN
7421 WASHINGTON BOULEVARD
ELKRIDGE, MARYLAND 21227
ENGINEER
JOHN A. SCHNEIDER
LAND DEVELOPMENT CONSULTANTS
37 MT GREEN CIRCLE
BALTIMORE, MARYLAND 21207
SDP-84-301
SPP 84-301
SHEET 2 of 3

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
6-17-87
PLANNING DIRECTOR
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

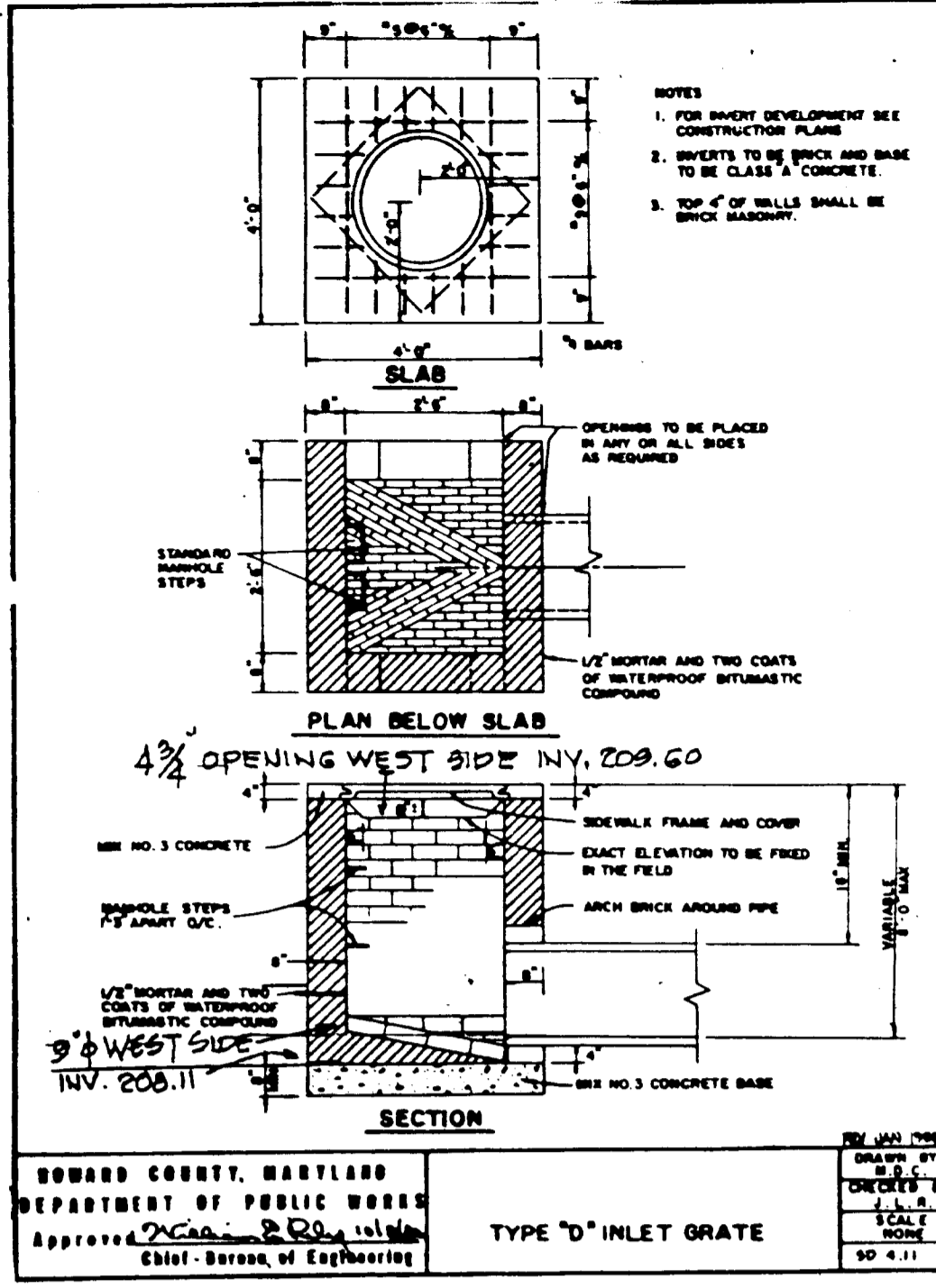
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
6-15-87
DIRECTOR
CHIEF, BUREAU OF ENGINEERING

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
6-17-87
COUNTY HEALTH OFFICER

STRUCTURE		SCHEDULE		REMARKS	HO. CO. PLATE NO.
NO.	TYPE	INV. IN.	INV. OUT.		
S-1	METAL END SECTION/CIRCULAR METAL PIPE	207.97	208.11	SEE NOTE NO. 1	S.D. 5.61
S-2	TYPE K INLET GRATE (MODIFIED)				S.D. 4.11

ALL MATERIALS AND SPECIFICATION IN ACCORDANCE WITH HO. CO. DESIGN MANUAL VOL. IV STD. SPECIFICATIONS & DET.

By the Developer:
I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project.
Signature of Developer: _____ Date: _____
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 Board of Soil Conservation Districts.
Signature of Engineer: _____ Date: _____
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
Signature: _____ Date: 5-6-87
Approved for: HOWARD S.C.D. and MD
Signature: _____ Date: 5-6-87
Technical Requirements:
Signature: _____ Date: 5-6-87



DETAIL S-2
NO SCALE

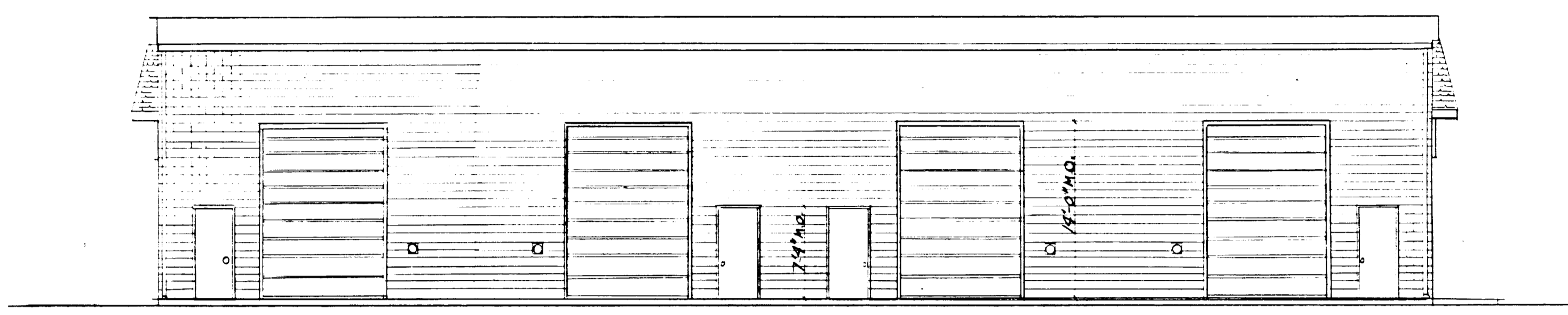
APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 10-8-86

APPROVED: PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS.
 HOWARD CO. DEPARTMENT OF PUBLIC WORKS
John F. Almy 6-15-87
 DIRECTOR DATE

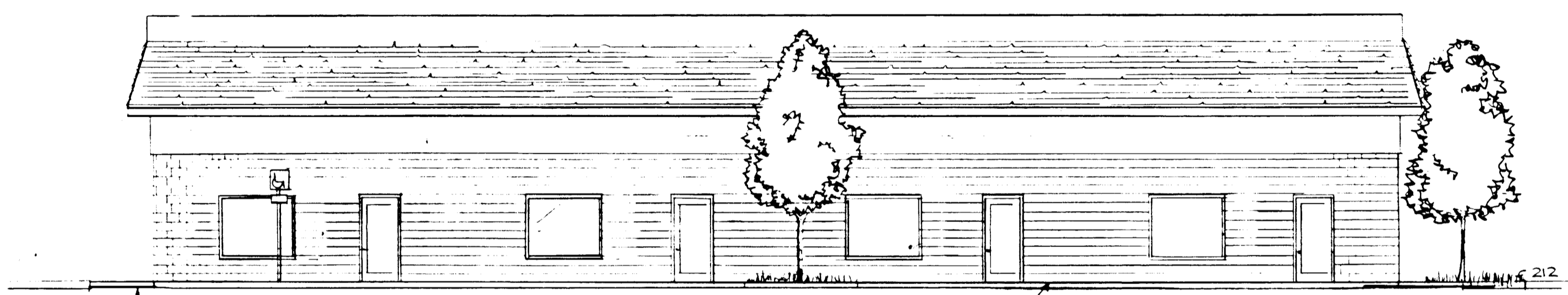
APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
John F. Almy 6-17-87
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
W. P. Avin 6-19-87
 PLANNING DIRECTOR DATE

John W. Muschman 6-18-87
 CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION DATE

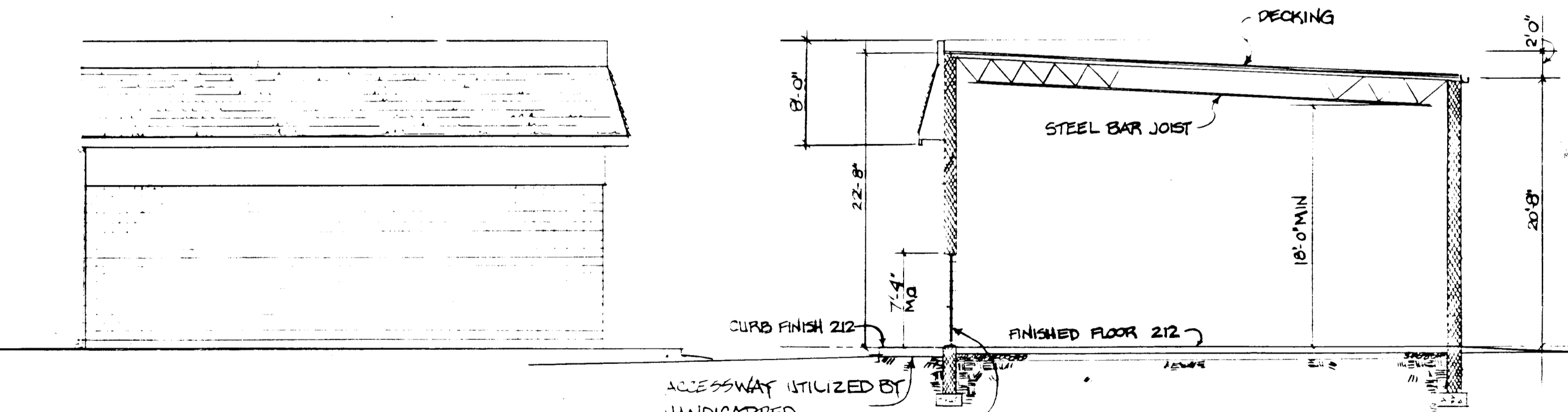


SOUTH ELEVATION
 SCALE: 1/8" = 1'-0"



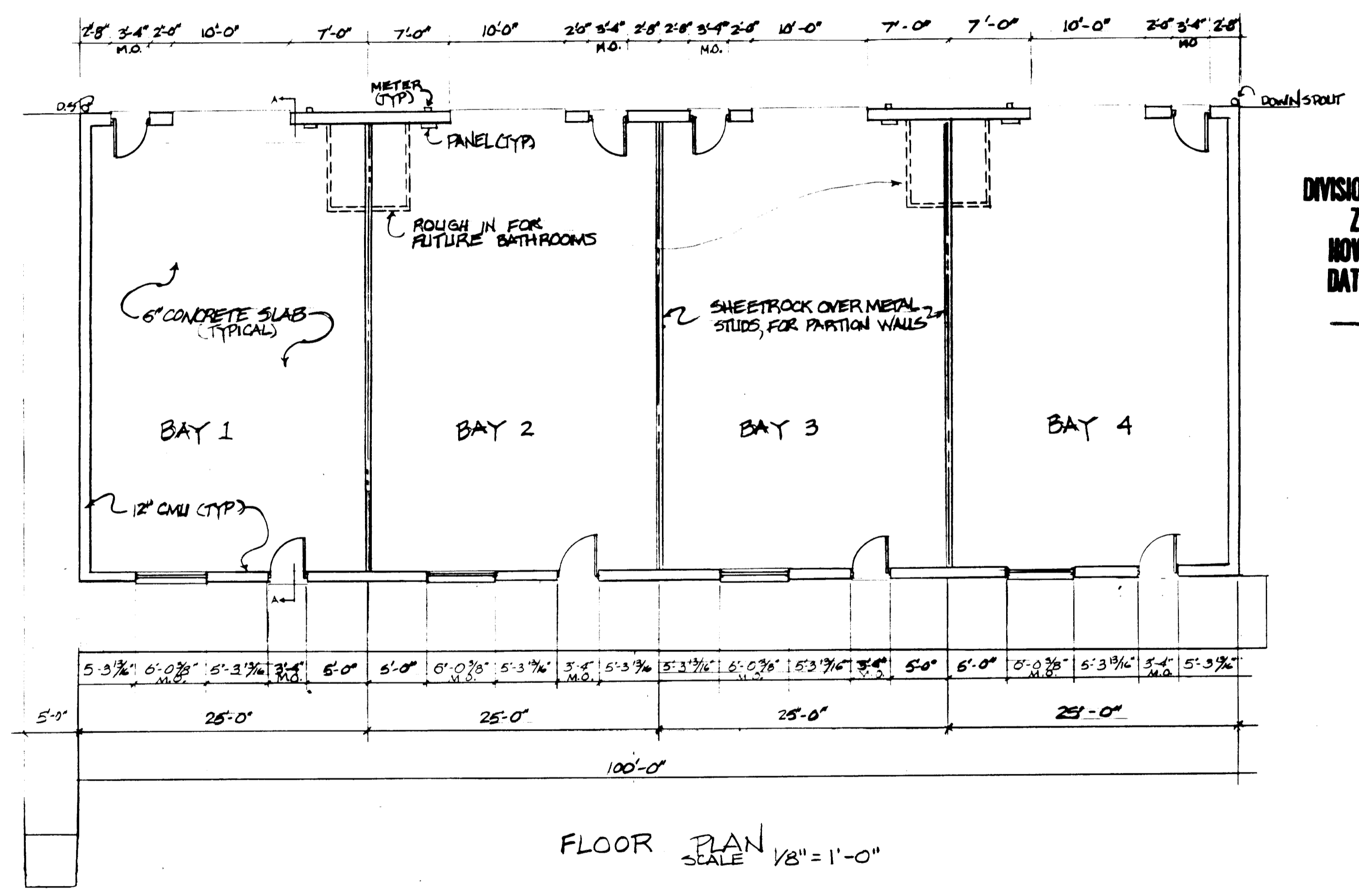
PROPOSED RAMP SERVING HANDICAPPED PARKING (SLOPE 1"=12")
 NORTH ELEVATION
 SCALE: 1/8" = 1'-0"

ACCESSWAY TO BE UTILIZED BY HANDICAPPED INDIVIDUALS



EAST ELEVATION
 SCALE: 1/8" = 1'-0"

SECTION A-A
 SCALE: 1/8" = 1'-0"



FLOOR PLAN
 SCALE: 1/8" = 1'-0"

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 10-8-86

PROJECT NAME: OFFICE / WAREHOUSE HOWARD COUNTY, MARYLAND	PARCEL # 58 ELECTION DISTRICT: 131
OWNER & DEVELOPER WILLIAM HAYMAN 7421 WASHINGTON BOULEVARD ELKRIDGE, MARYLAND 21227	DATE REVISED
ENGINEER JOHN A. SCHNEIDER LAND DEVELOPMENT CONSULTANTS 37 MT. GREEN CIRCLE BALTIMORE MARYLAND 21207 (301) 266-6543	SEAL STATE OF MARYLAND PROFESSIONAL ENGINEER