

MATCH LINE - SEE SHEET 3

ST D - 40 CO TES TURNAROUND
SEE HO CO STD R 5.05

EASEMENT FOR INGRESS AND EGRESS

DEAD END BACKLADE
SEE HO CO STD R 1.0

NOTE
ALL CURB RADII TO BE 5' UNLESS OTHERWISE NOTED.

■ P-1 PAVING
■ P-3 PAVING

PROPERTY OF
OAKLAND EXECUTIVE PARK
PARCEL B
PLAT 6009
ZONED M-1

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

Joseph Boyle 1-14-86
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

William L. Amick 1-17-86
PLANNING DIRECTOR DATE

John W. Muegge 1-16-86
CHIEF, DIVISION OF LAND
DEVELOPMENT AND ZONING
ADMINISTRATION DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM
DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Walter E. Harty 1-17-86
DIRECTOR DATE

Walter E. Harty 1-17-86
CHIEF, BUREAU OF ENGINEERING DATE

4-2-BG-1 REVISE WATER SERVICE SIZE TO 4"
DATE NO REVISION

OWNER
WJF-2 LIMITED PARTNERSHIP
1000 EQUITABLE BANK CENTER
COLUMBIA, MARYLAND 21044

DEVELOPER
JF THEATRES
17 W. PENNSYLVANIA AVENUE
BALTIMORE, MARYLAND 21204

PROJECT
COLUMBIA PALACE NINE

AREA
OAKLAND EXECUTIVE PARK
PARCEL A-1 TAX MAP # 50
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE
SITE DEVELOPMENT PLAN

THE RIEMER GROUP, INC.

The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm
3105 Health Park Drive, Ellicott City, Maryland 21043 (301) 461-2690

11-18-85
DATE

DESIGNED BY JKB

DRAWN BY WCW

PROJECT NO 15200

DATE 8-27-85

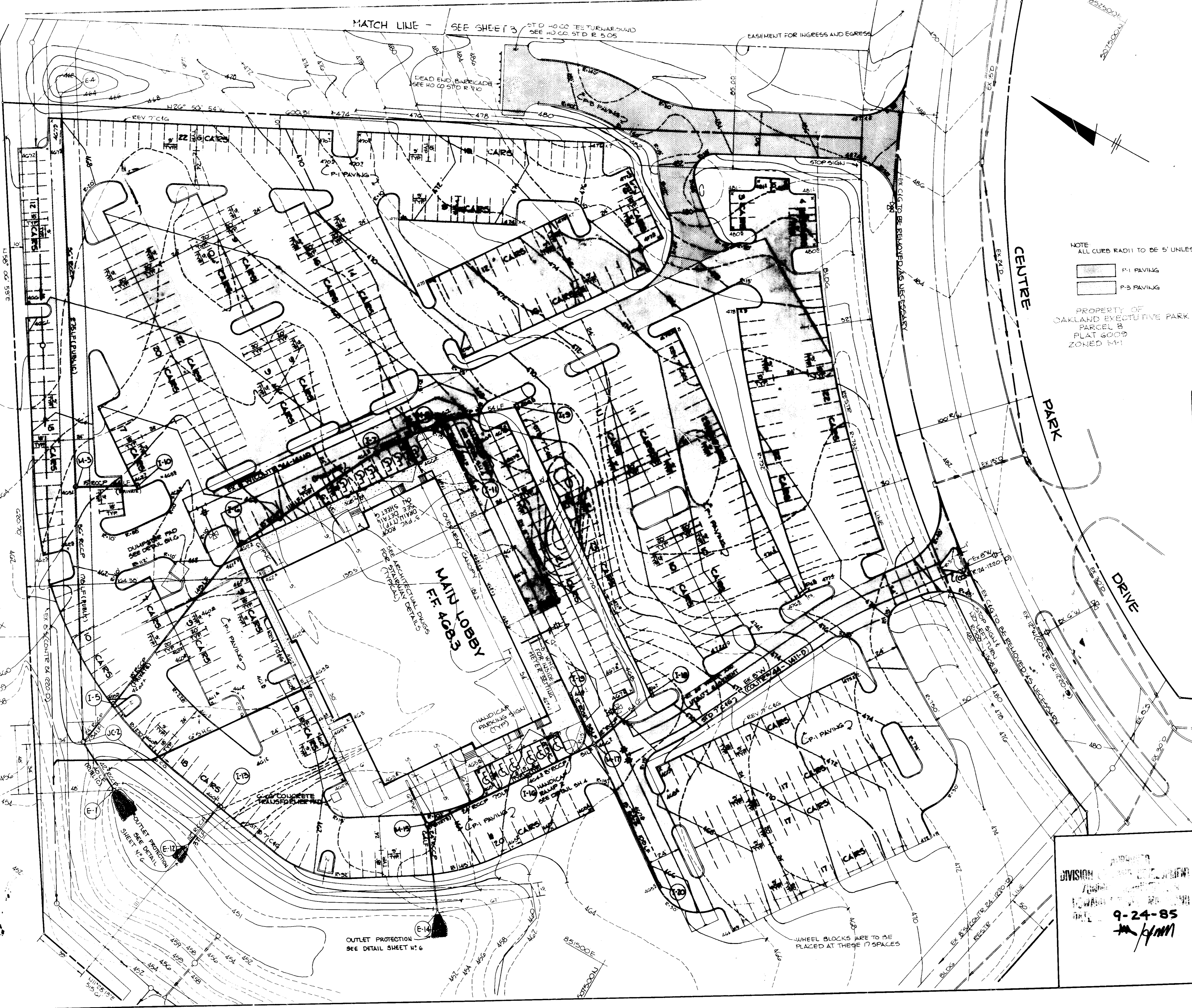
SCALE 1"=30'

DRAWING NO 2 OF 7

SDP-86-49 November 18, 1985

DIVISION OF ENGINEERING
11-18-85
9-24-85
WJF

Arthur E. Muegge
ARTHUR E. MUEGGE



PROPERTY OF
OAKLAND EXECUTIVE PARK
SECTION 2
P-15 INDUSTRIAL
ZONED AND INDUSTRIAL
EMPLOYMENT CENTER

MARYLAND BLUEPRINT CO. INC.

OAKLAND RIDGE INDUSTRIAL PARK
SECTION 2
PB 18 FIG
ZONED INT - INDUSTRIAL
EMPLOYMENT CENTER '8

20' SEWER & UTILITY EASEMENT

PARCEL
A-3
ZONED: M-1

30' SEWER, DRAINAGE,
& UTILITY EASEMENT

MATCH
LINE - SEE SHEET

PROPERTY OF
K&W DEVELOPMENT CORP. INC.
L.I. (21)
ZONED FOR

PARCEL
A-4
ZONED: M-1

PARCEL
A-2
ZONED: M-1

Ex 17' W CONTE - 24-1720-D-7

DRIVE

PARK

CENTRE

NOTE:
GRADING ON PARCELS A-2, A-3, & A-4 TO
BE DONE BY LETTER OF PERMISSION.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
John G. Green 1-14-86
COUNTY HEALTH OFFICER DATE

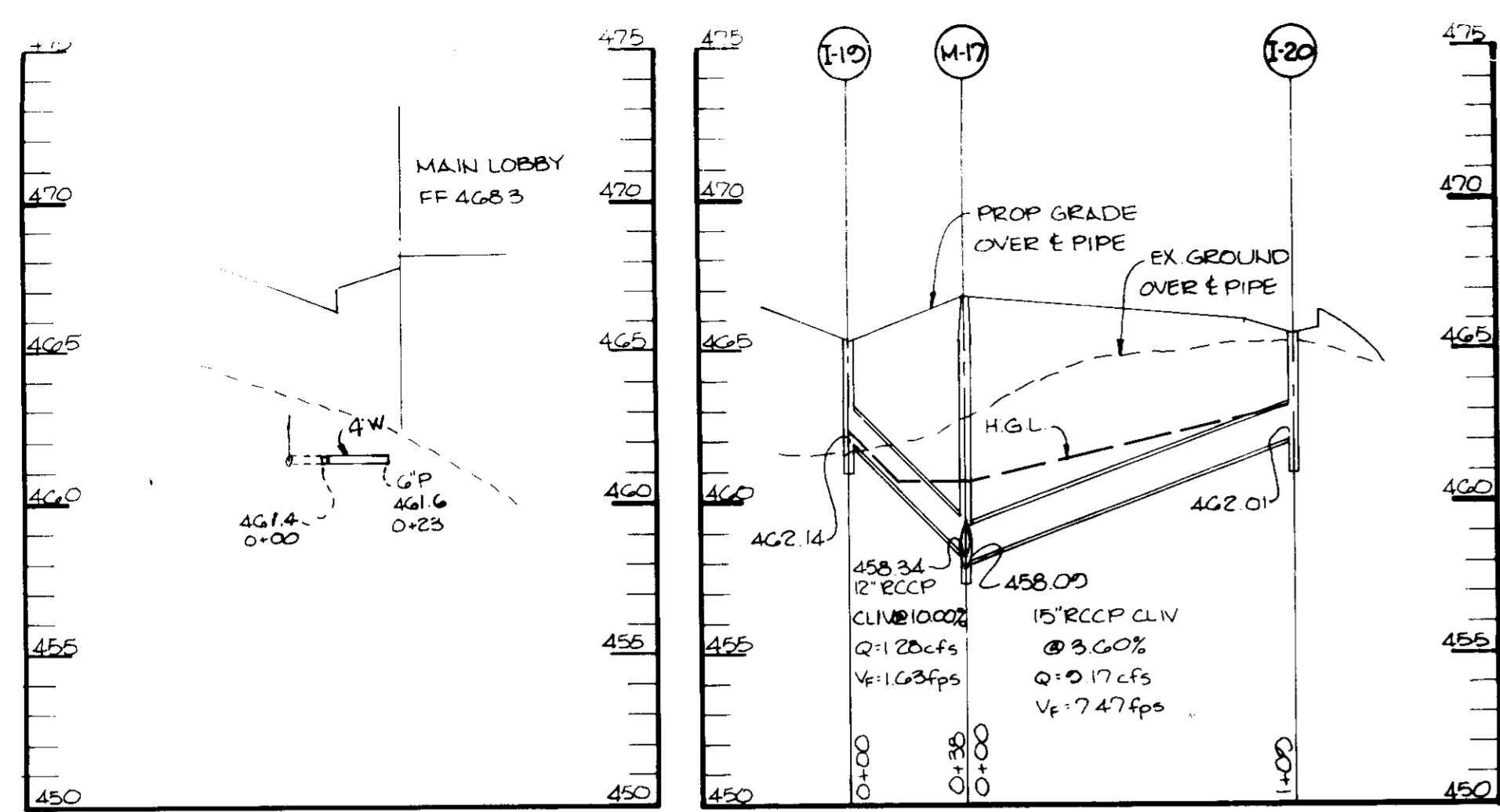
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
Donald A. Hargis 1-17-86
PLANNING DIRECTOR DATE
John W. MacArthur 1-16-86
CHIEF, DIVISION OF LAND
DEVELOPMENT AND ZONING
ADMINISTRATION DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM
DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Henry F. Nunn 1-9-86
DIRECTOR DATE
William B. Ryan 1-3-86
CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO.	REVISION
OWNER: MJF-2 LIMITED PARTNERSHIP 1000 EQUITABLE BANK CENTER COLUMBIA, MARYLAND 21044		
DEVELOPER: J.F. THEATRES 17 W. PENNSYLVANIA AVENUE BALTIMORE, MARYLAND 21204		
PROJECT: COLUMBIA PALACE NINE		
AREA: OAKLAND EXECUTIVE PARK PARCEL A-1 TAX MAP 30 289 ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE: SITE DEVELOPMENT PLAN		

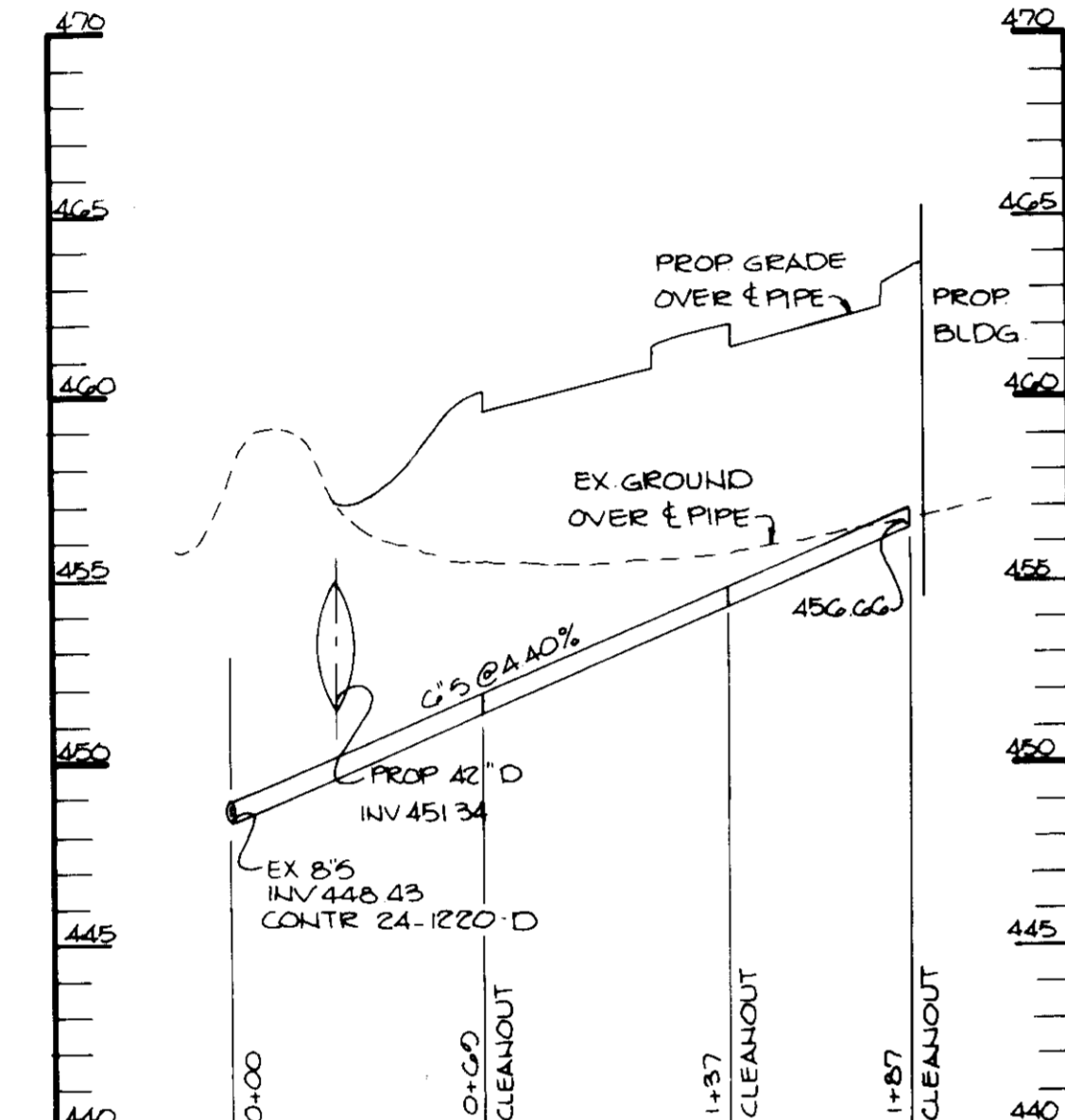
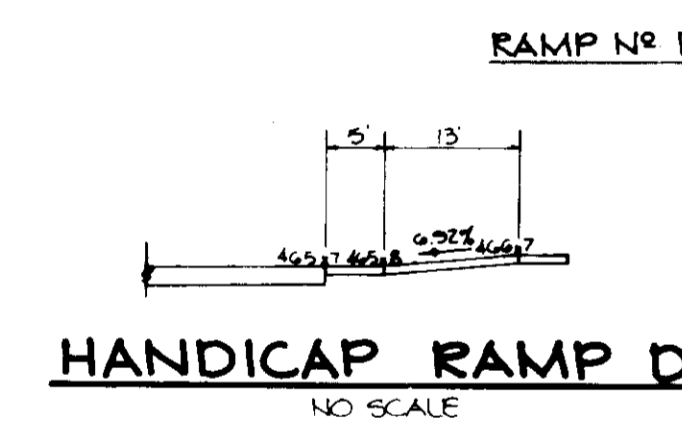
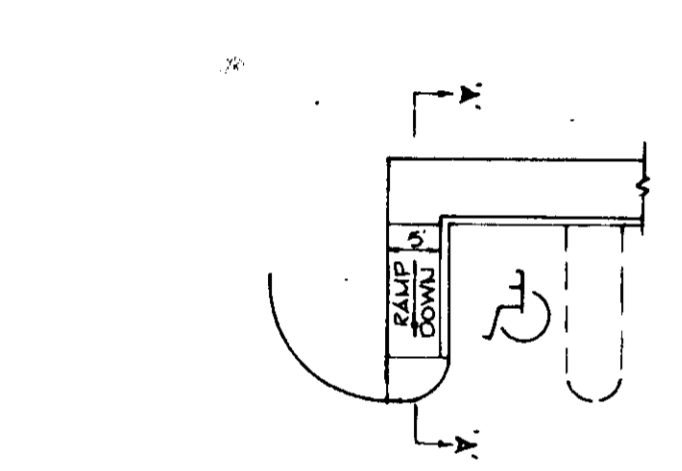
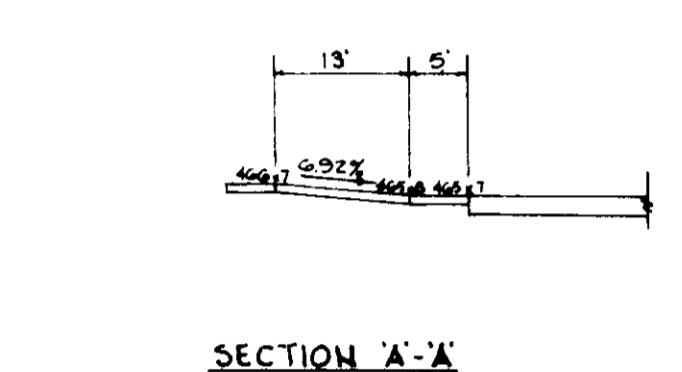
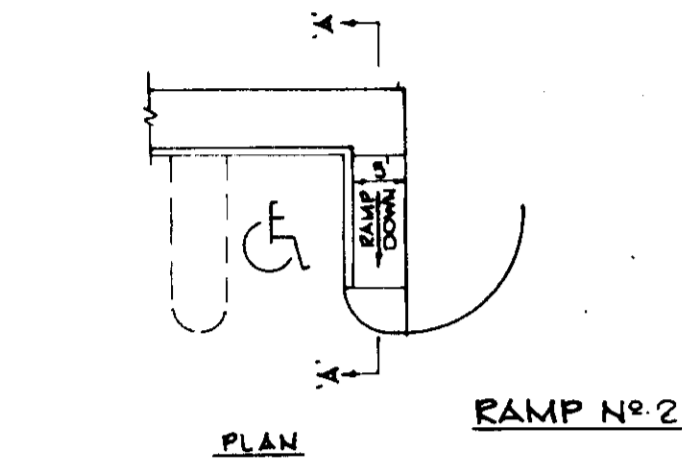
APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-24-85
Arthur E. Wuegge

THE RIEMER GROUP, INC.
The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm
3105 Health Park Drive, Ellicott City, Maryland 21043 (301) 481-2600
11-18-85
DATE
DESIGNED BY JKB
DRAWN BY JCU
PROJECT NO 19200
DATE 8-27-85
SCALE 1" = 30'
DRAWING NO 3 OF 7
Arthur E. Wuegge
ARTHUR E. WUEGGE P.E.

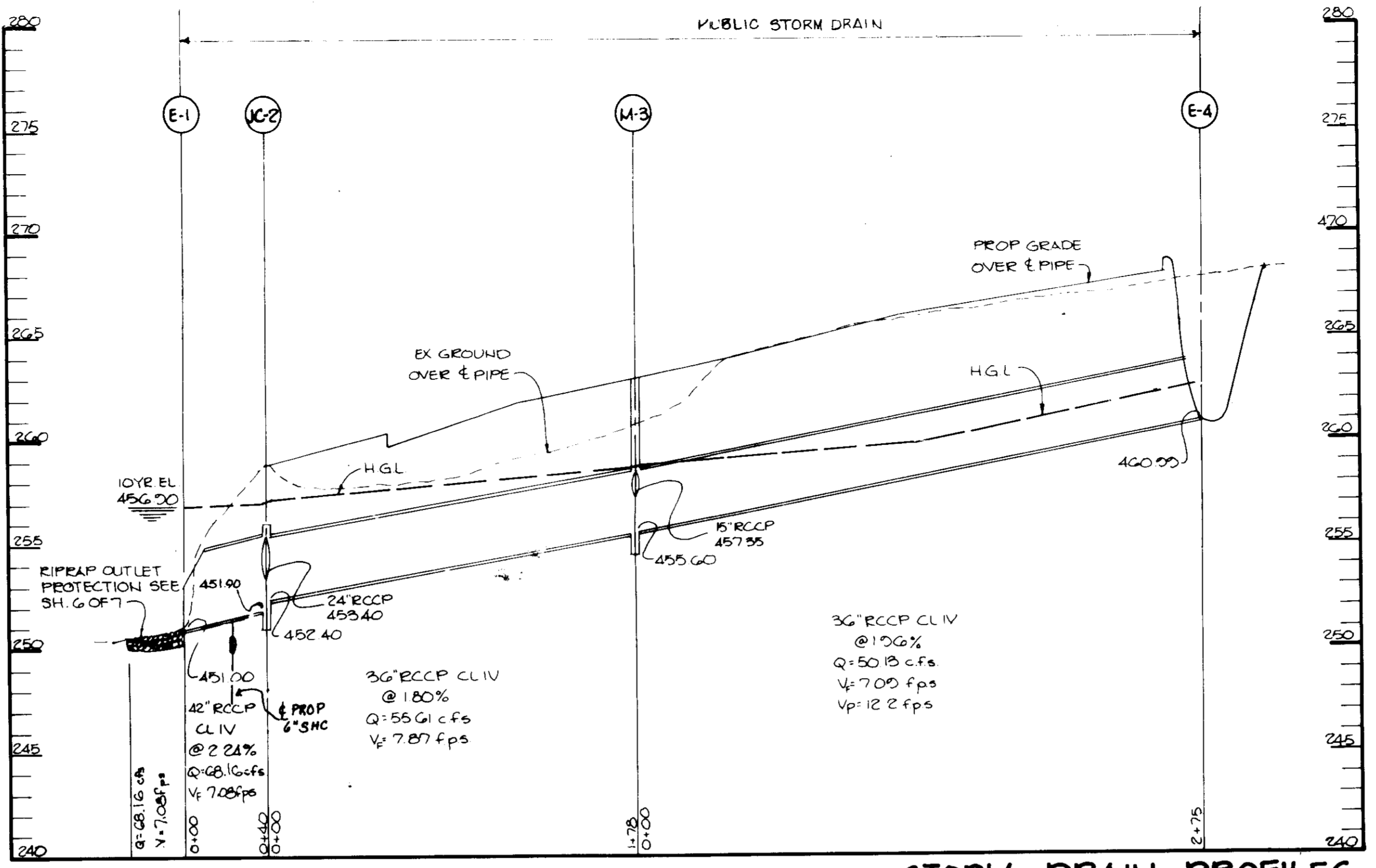
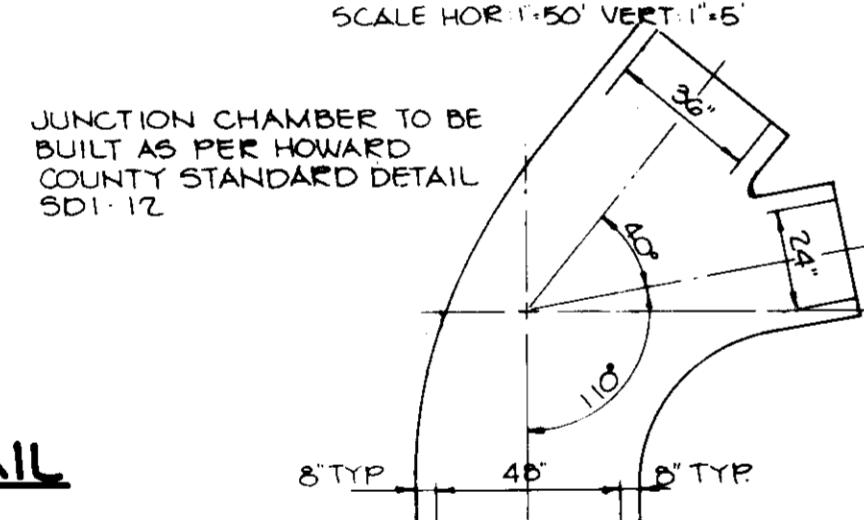


MAIN LOBBY
FF 4683

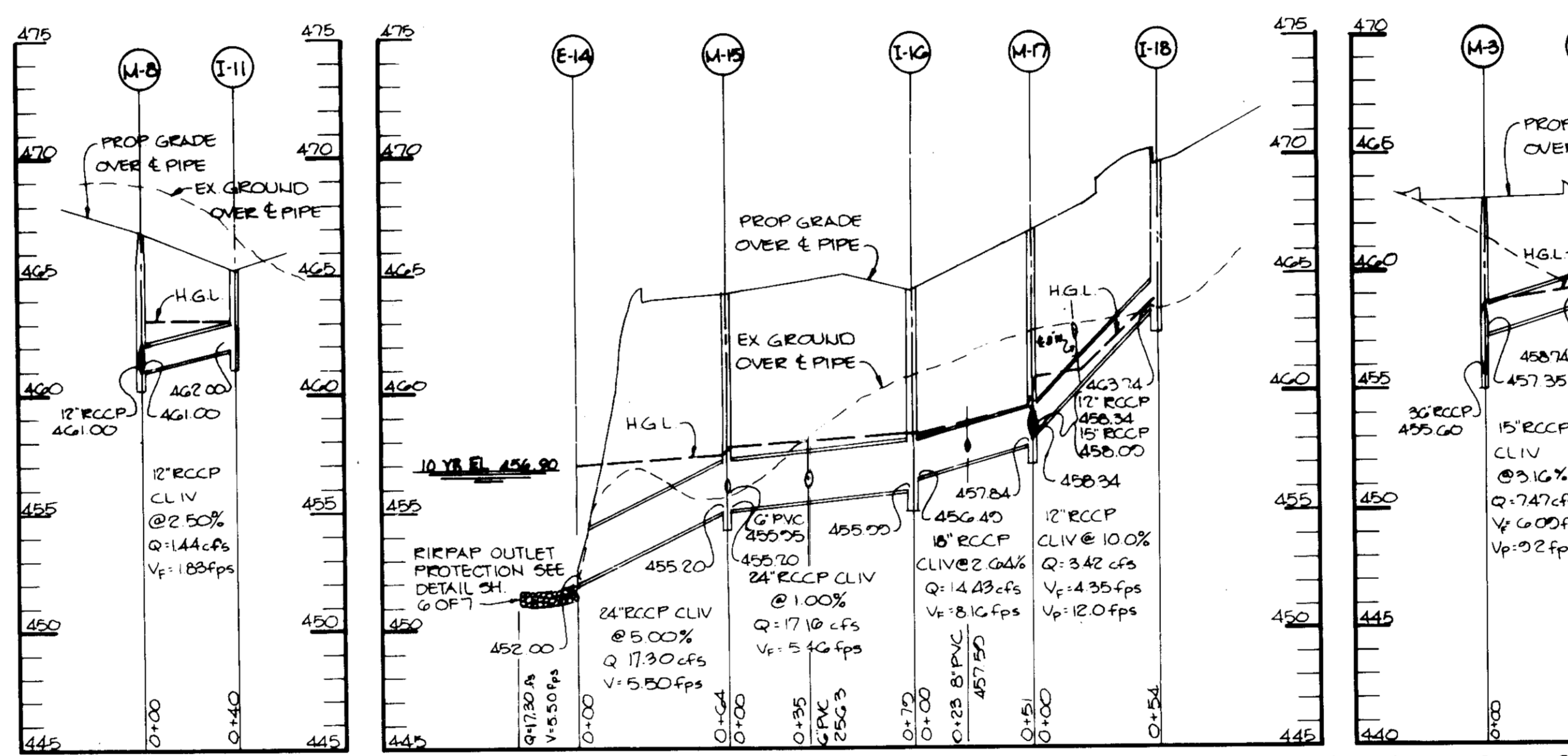
PROP GRADE OVER PIPE
EX GROUND OVER PIPE



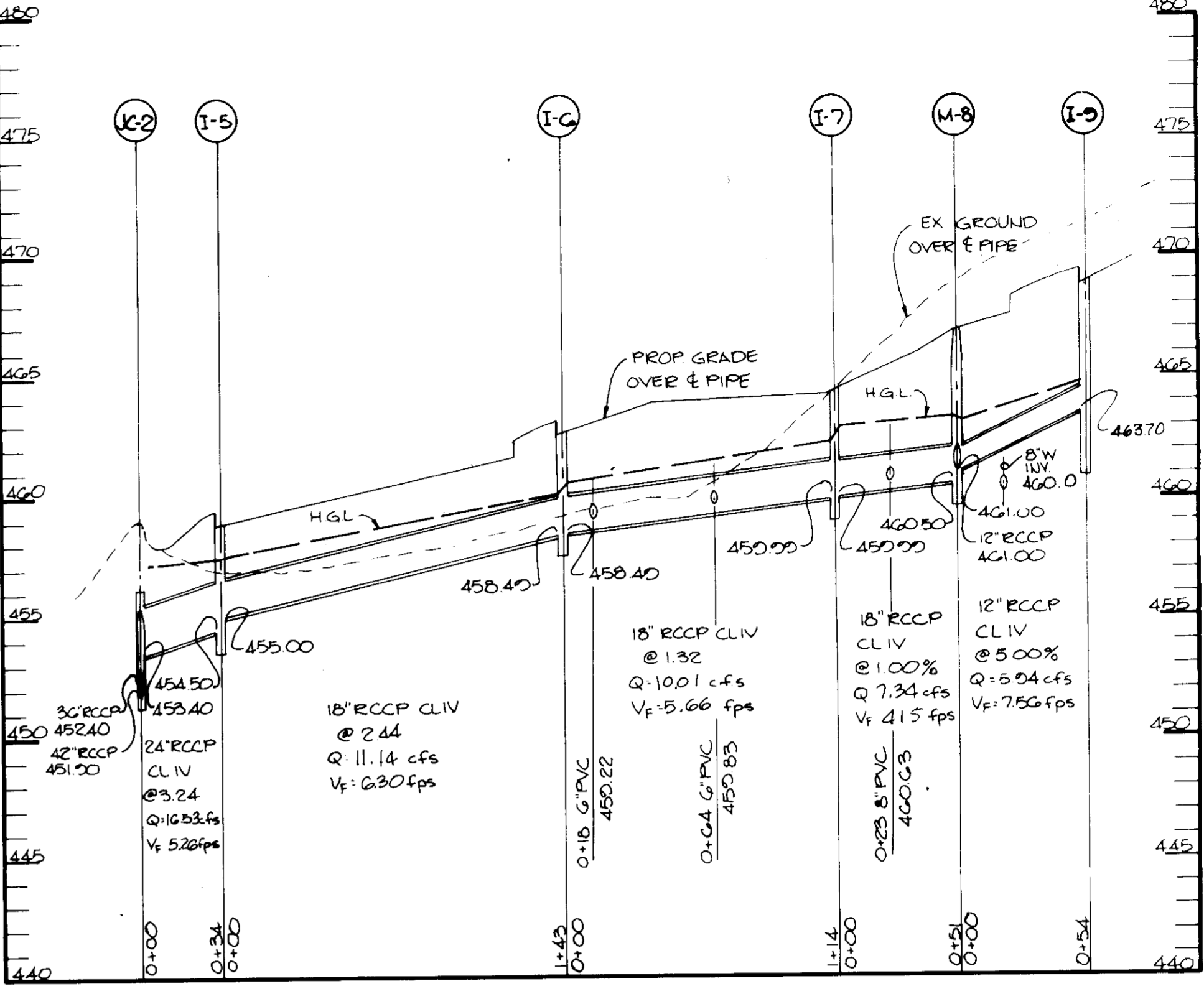
JUNCTION CHAMBER TO BE BUILT AS PER HOWARD COUNTY STANDARD DETAIL SD1-12



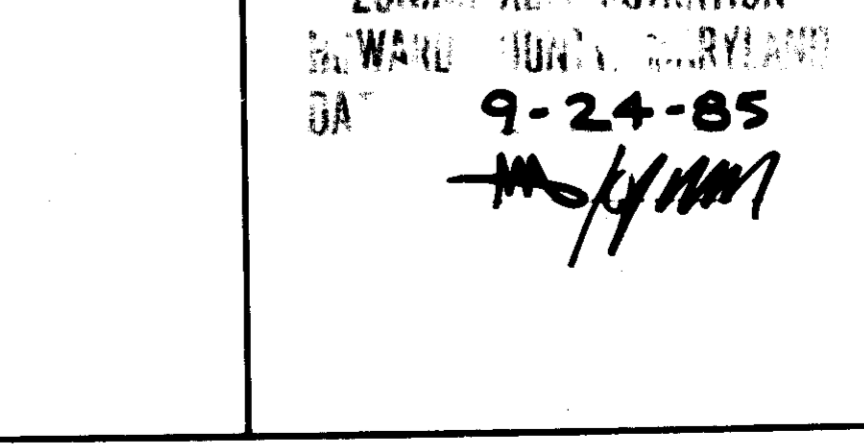
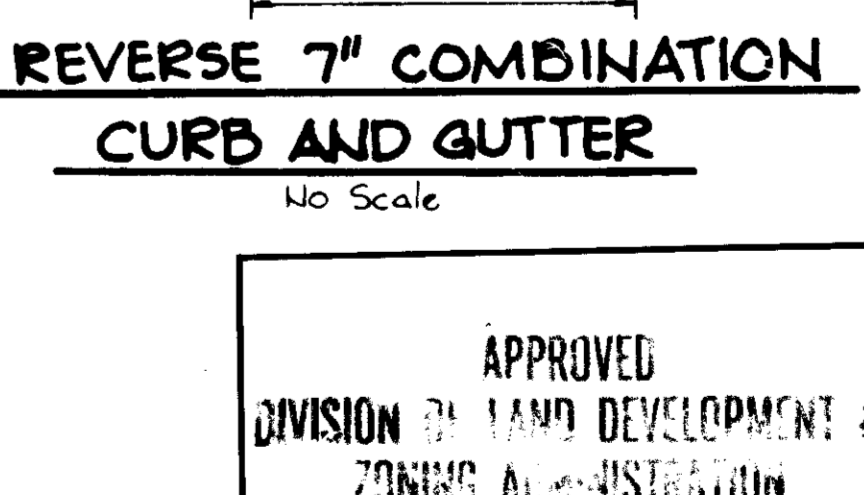
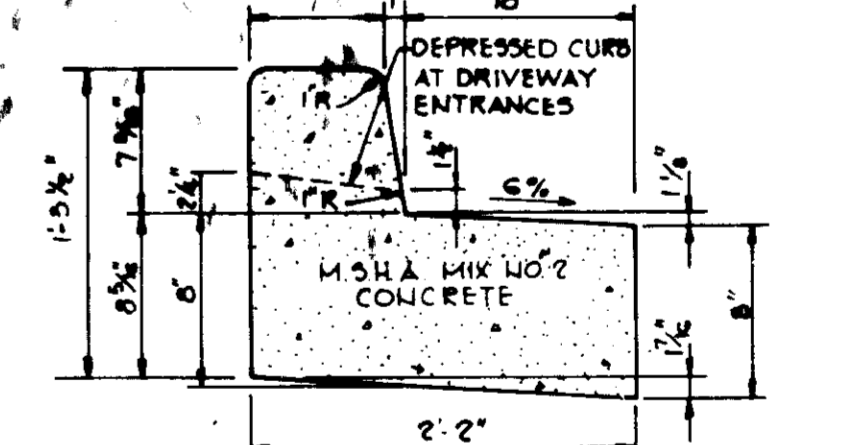
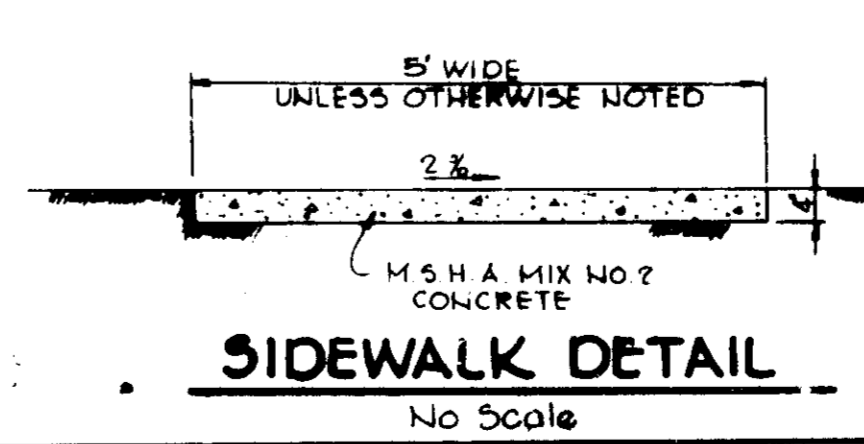
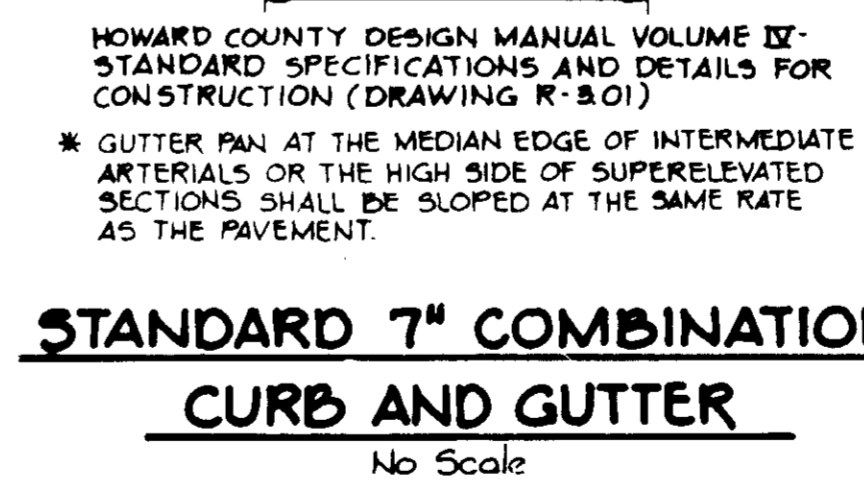
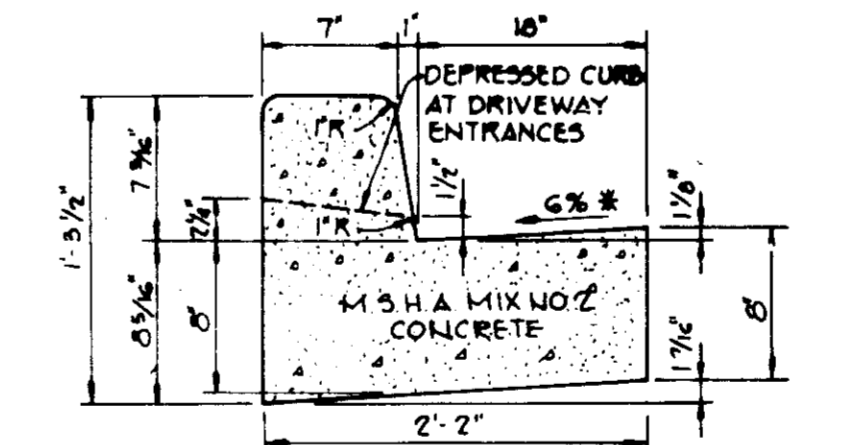
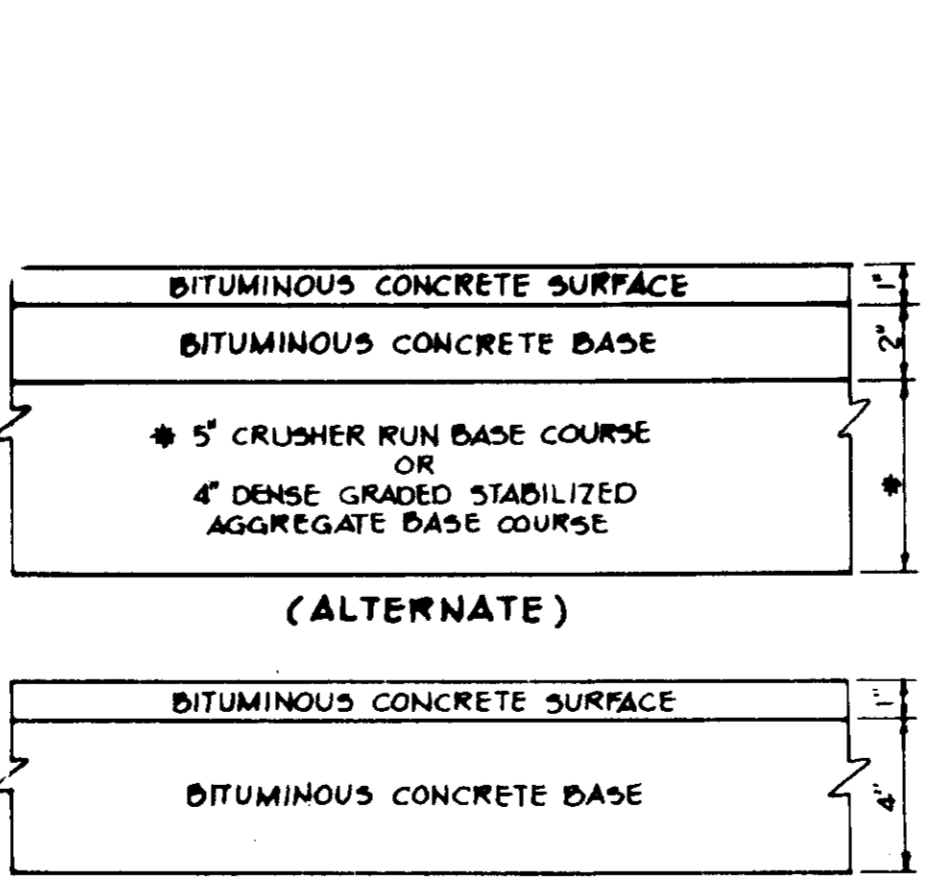
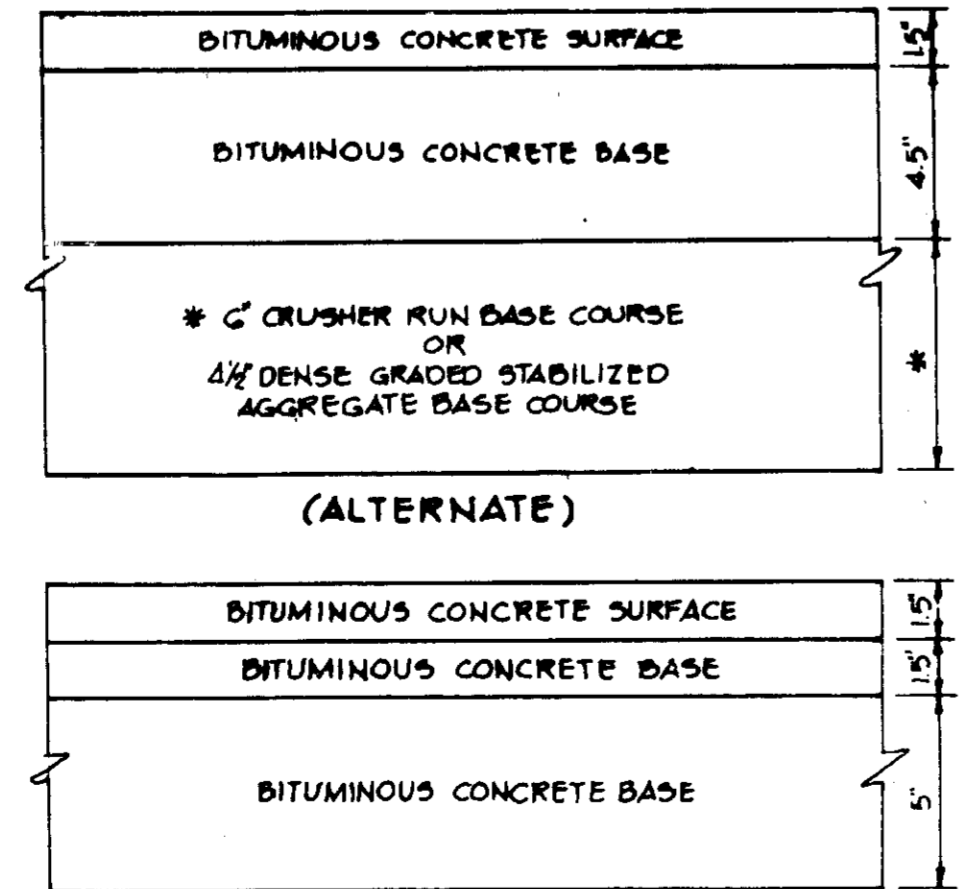
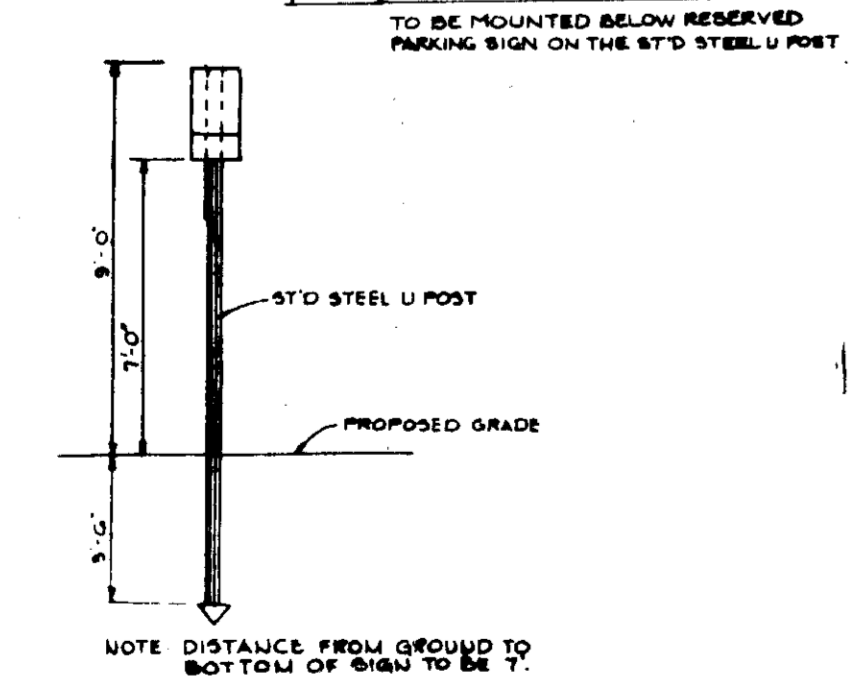
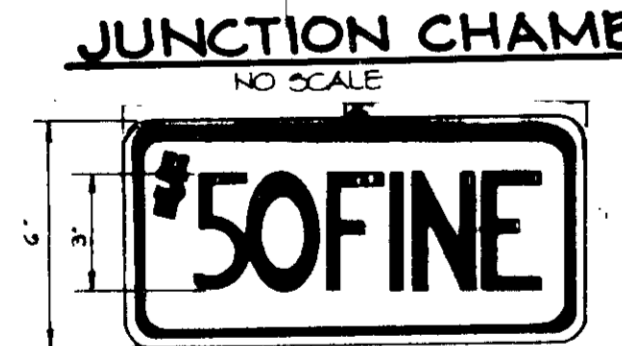
STORM DRAIN PROFILES
SCALE HOR 1"=50 VERT 1"=5'



STORM DRAIN PROFILES
SCALE HOR 1"=50 VERT 1"=5'



STORM DRAIN PROFILES
SCALE HOR 1"=50 VERT 1"=5'



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
Joseph M. Spivey 1-14-86
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
Thomas G. Harris 1-17-86
PLANNING DIRECTOR DATE

John M. McWhorter 1-16-86
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

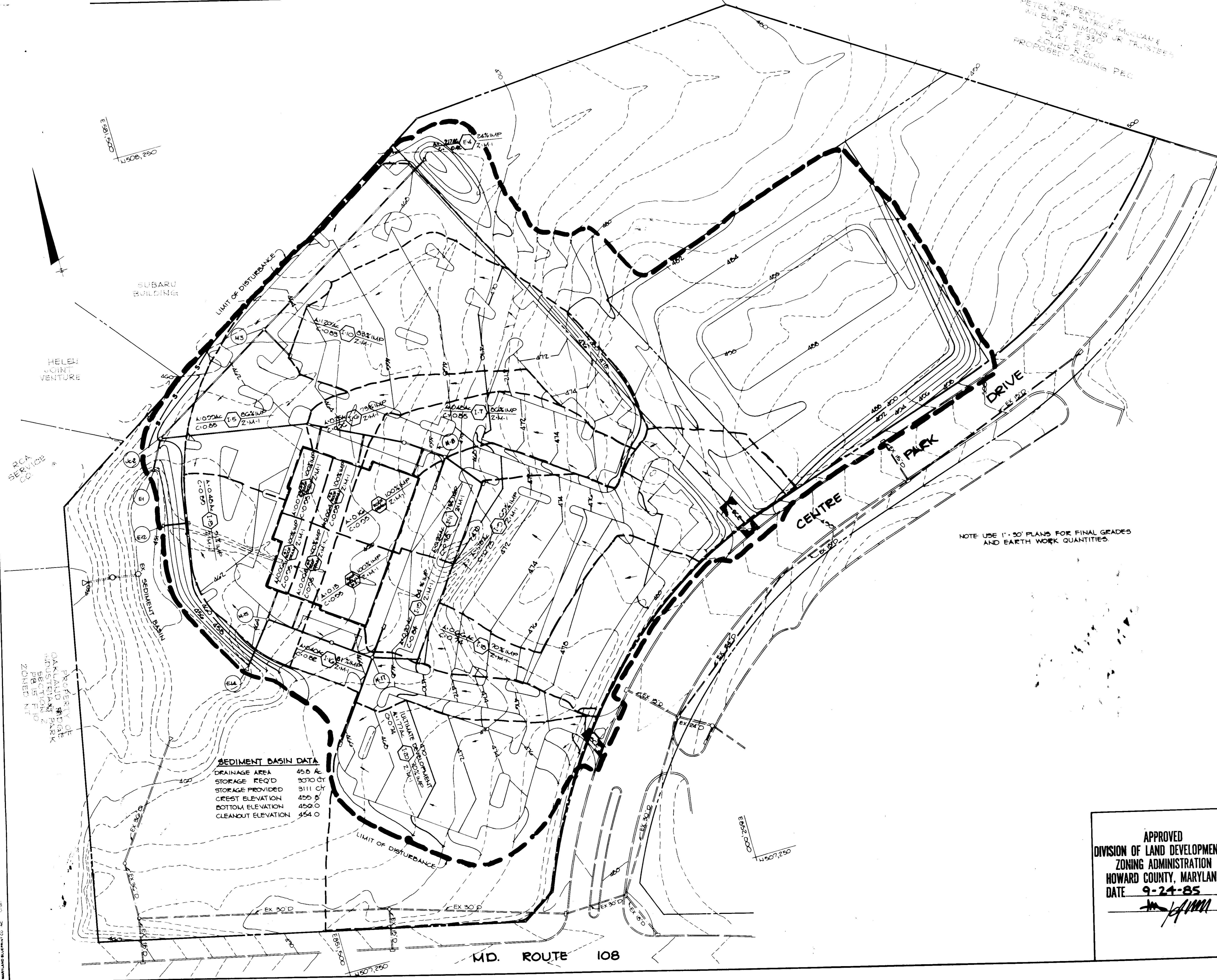
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Mark F. Neumaier 1-9-86
DIRECTOR DATE

William S. Ray 1-8-86
CHIEF, BUREAU OF ENGINEERING DATE

4-2-86 2 REVISED WATER SERVICE TO 4-8-86
4-2-86 1 REVISED QTY VALUES FOR STATE HEALTH
DATE NO REVISION
OWNER MUF-2 LIMITED PARTNERSHIP
1000 EQUITABLE BANK CENTER
COLUMBIA, MARYLAND 21044
DEVEL JF THEATRES
17 W PENNSYLVANIA AVENUE
BALTIMORE, MARYLAND 21204
PROJECT COLUMBIA PALACE NINE
AREA OAKLAND EXECUTIVE PARK
PARCEL A11 TAX MAP 720
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TITLE PROFILES & DETAILS

THE RIEMER GROUP, INC.
The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm
3105 Health Park Drive, Ellicott City, Maryland 21043 (301) 411-2600

11-18-85 DATE
DESIGNED BY JKS
DRAWN BY DAM
PROJECT NC 10200
DATE 8-7-85
SCALE AS SHOWN
DRAWING NO 4 OF 7



PETER K. RAY, REGISTERED PROFESSIONAL ENGINEER
 1115 BIRCHMOUNT DRIVE
 BALTIMORE, MARYLAND 21204
 PHONE 336-1111
 PROPOSED ZONING PER.

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 PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE METHOD OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT."
 Herbert Panklin 12/26/85
 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 HOWARD SOIL CONSERVATION DISTRICT."
 Arthur E. Muegge 12/26/85
 ENGINEER DATE

REVIEWED FOR: HOWARD S.C.D.
 AND MEETS TECHNICAL REQUIREMENTS
 Thomas M. Helan 1-3-86
 U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 Stephen F. Fisher 1/3/86
 HOWARD S.C.D. DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT.
 Joan B. 1-14-86
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
 Donald L. Hamill 1-17-86
 PLANNING DIRECTOR DATE
 John M. 1-16-86
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Lou F. Naimp 1-8-86
 DIRECTOR DATE
 1-8-86
 CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO	REVISION
OWNER: MJF-2 LIMITED PARTNERSHIP 1000 EQUITABLE BANK CENTER COLUMBIA, MARYLAND 21044		
DEVELOPER: J.F. THEATRES 11 W PENNSYLVANIA AVENUE BALTIMORE, MARYLAND 21204		
PROJECT: COLUMBIA PALACE NINE		
AREA: OAKLAUD EXECUTIVE PARK PARCEL A-1 - TAX MAP 20 25 ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE: SEDIMENT CONTROL PLAN & DRAINAGE AREA MAP		

SEDIMENT BASIN DATA

DRAINAGE AREA	456 AC
STORAGE REQ'D	3070 CY
STORAGE PROVIDED	3111 CY
CREST ELEVATION	455.8
BOTTOM ELEVATION	450.0
CLEANOUT ELEVATION	454.0

NOTE: USE 1" = 30' PLANS FOR FINAL GRADES AND EARTH WORK QUANTITIES.

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 9-24-85

THE RIEMER GROUP, INC.
 The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm
 3106 Health Park Drive, Ellicott City, Maryland 21043 (301) 481-2880

11-18-85
 DATE
 DESIGNED BY UKB
 DRAWN BY DAM
 PROJECT NO 10200
 DATE 8-27-85
 SCALE 1"=50'
 DRAWING NO. 5 OF 7

SDP-86-49

TEMPORARY SEEDING NOTES

- A minimum of 72 hours notice must be given to the Howard County Office of Inspections 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%; 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. 50), 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:

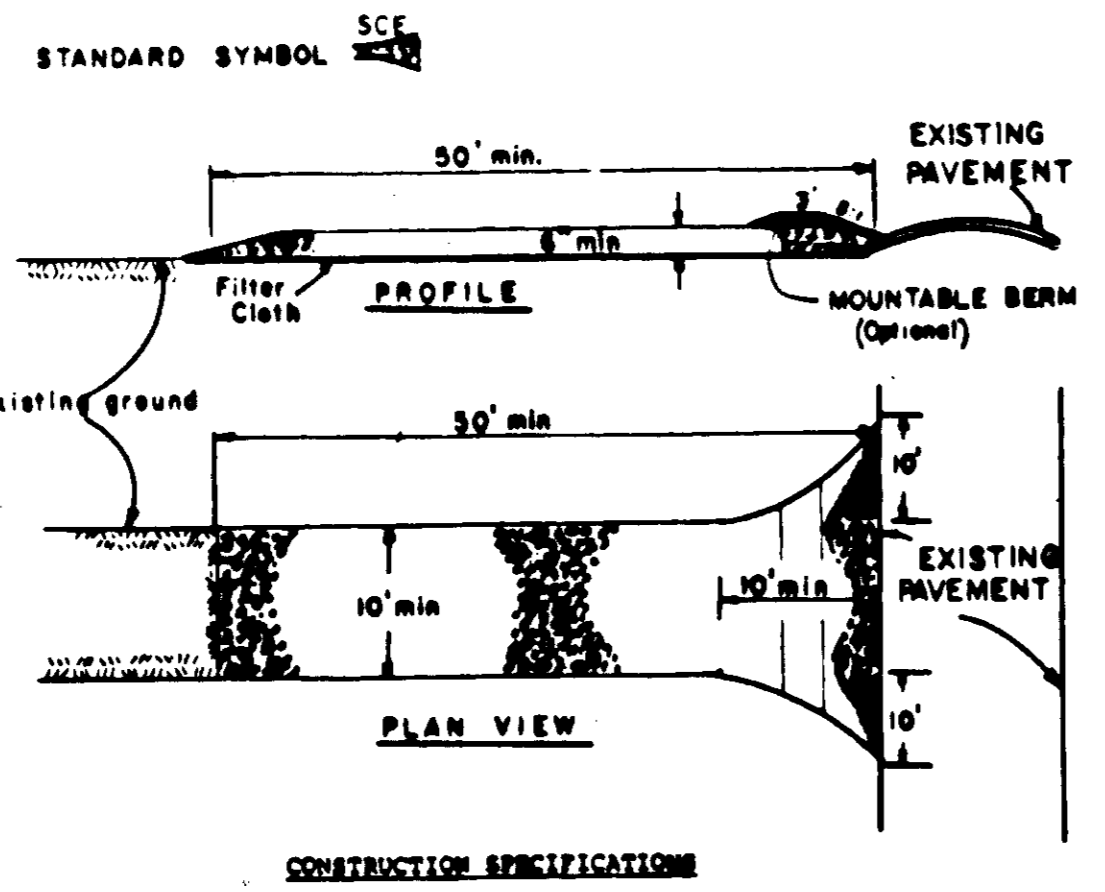
Total Area of Site	11.1 acres
Area Disturbed	11.3 acres
Area to be roofed or paved	5.6 acres
Area to be vegetatively stabilized	5.7 acres
Total Cut	21500 Cu. yds.
Total Fill	34200 Cu. yds.
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment controls must be provided, if deemed necessary by the Howard County DPW sediment control inspector.
- Site grading will begin only after all perimeter sediment control measures have been installed and are in a functioning condition.
- Sediment will be removed from traps when its depth reaches the clean out elevation shown on the plans.

TEMPORARY SEEDING NOTES

- Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.
- Seedbed Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.
- Soil Amendments:** 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 rye (3.2 lbs./1000 sq.ft.). For the period May 1 thru August 14, seed with 3 lbs. per acre of creeping lovegrass (0.7 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 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, 6 ft. or higher, use 348 gal. per acre (8 gal./1000 sq.ft.) for anchoring.

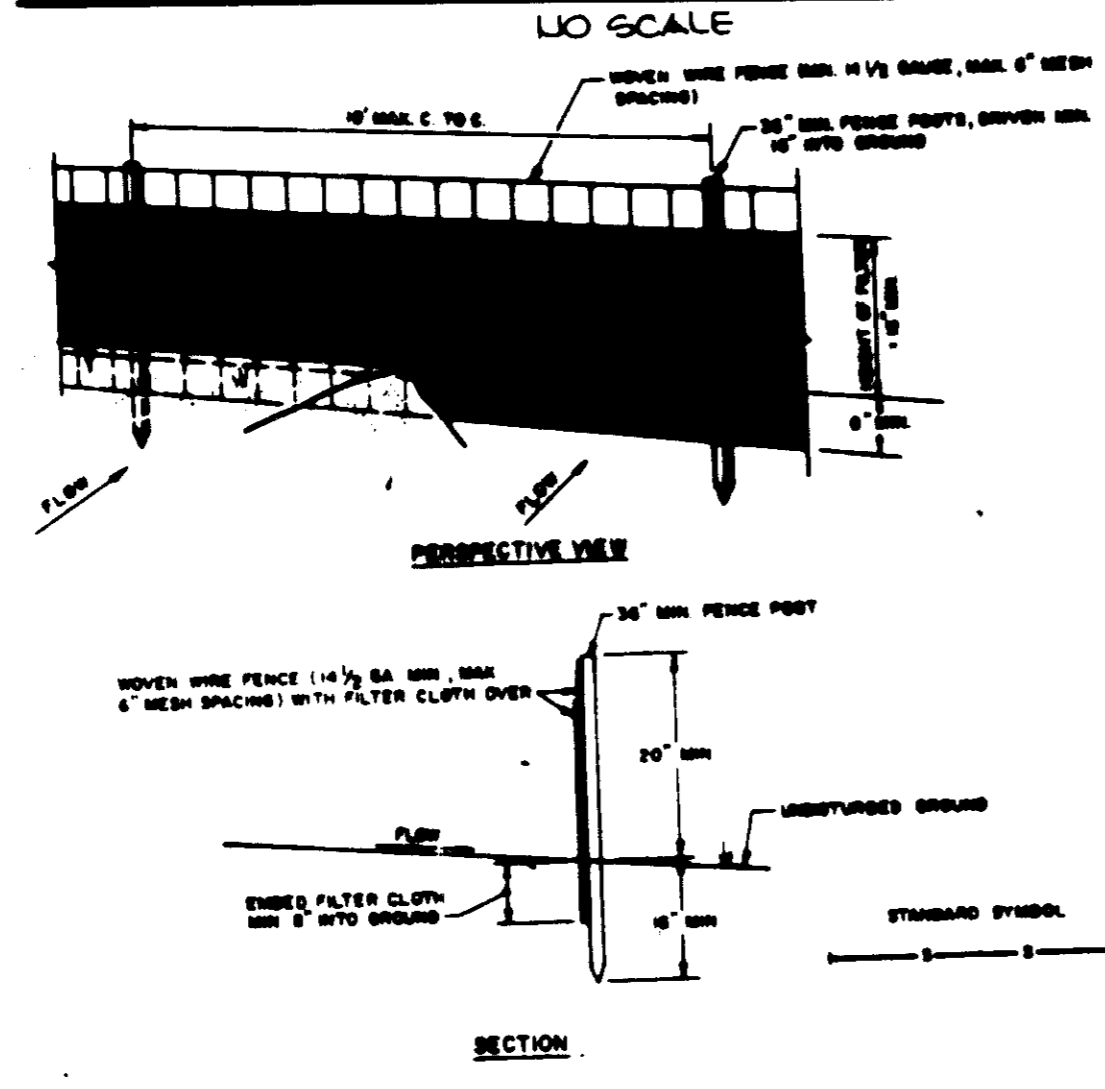
PERMANENT SEEDING NOTES

- Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.
- Seedbed Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.
- Soil Amendments:** Apply 0-20-20 fertilizer at the rate of 600 lbs. per acre. Harrow or disc lime and 0-20-20 fertilizer into the soil to a minimum depth of 3". Lawns or high maintenance areas will be dragged and leveled.
- Seeding:** For the periods March 1 thru April 30, and August 1 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 @ 1 lb. per acre (1 lb./1000 sq.ft.) and Red Fescue, Pennlawn or Jamestown @ 2 lbs. per acre (2 lb./1000 sq.ft.). For the period May 1 thru July 31, seed with 40-40-20 mix as specified above and 2 lbs. per acre (2 lb./1000 sq.ft.) of creeping lovegrass. During the period of October 16 thru February 28, protect site by: (Option 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 40-40-20 mix specified above and mulch with 2 tons/acre well-anchored straw.
- Maintenance:** Repair all seeded areas and make needed repairs, adjustments and reseedings.



- CONSTRUCTION SPECIFICATIONS**
- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 - Length - As required, but not less than 30 feet (except on a single residential lot where a 10 feet minimum length would apply).
 - Thickness - Not less than six (6) inches.
 - Width - Ten (10) feet 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 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 on conditions demand and repair and/or cleaning 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.

STABILIZED CONSTRUCTION ENTRANCE

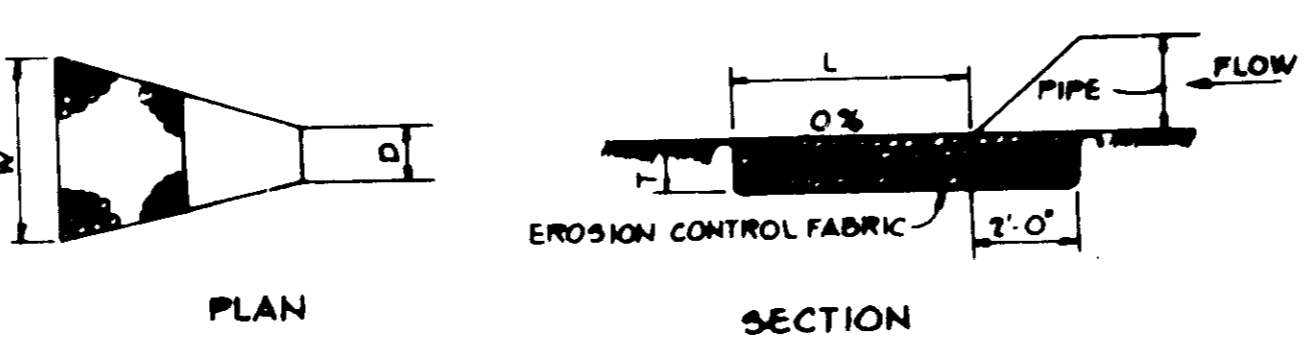


CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- MOVIE WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO MOVIE WIRE FENCE EVERY 4 FT. AT TOP AND MID SECTION.
- WASH TWO SECTIONS OF FILTER CLOTH AGAIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN BULGES DEVELOP IN THE SILT FENCE.

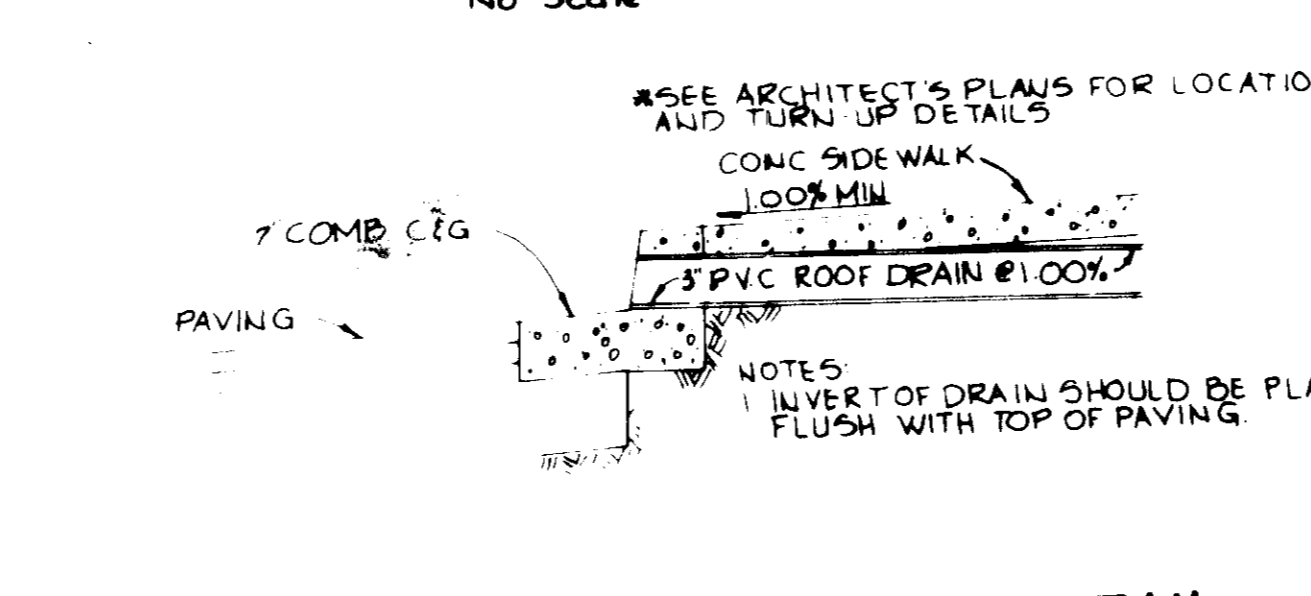
SILT FENCE

- SEQUENCE OF CONSTRUCTION**
- OBTAIN A GRADING PERMIT.
 - INSTALL STABILIZED CONSTRUCTION ENTRANCES AND SILT FENCE (2 DAYS).
 - ROUGH GRADE SITE (3 DAYS).
 - INSTALL STORM DRAINS AND UTILITIES (35 DAYS).
 - COMPLETE REMAINING CONSTRUCTION ACTIVITIES.
 - STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES (3 DAYS).
 - UPON APPROVAL OF THE SEDIMENT CONTROL INSPECTOR REMOVE ALL REMAINING SEDIMENT CONTROL DEVICES AND RESTORE SEDIMENT BASIN TO ORIGINAL DIMENSIONS AS FOLLOWS: (2 DAYS)
 - PIPE OUT IMPOUNDED WATER.
 - REMOVE SEDIMENT AND PLACE AS DIRECTED BY THE DEPARTMENT OF PUBLIC WORKS SEDIMENT CONTROL INSPECTOR.
 - STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES.



STRUCTURE	MEDIUM STONE DIA.	LENGTH (L)	WIDTH (W)	THICKNESS (T)
E-1	0.67'	20	20	1.5'
E-12	0.44'	10	10	1.0'
E-14	0.67'	15	15	1.5'

OUTLET PROTECTION DETAIL



TYPICAL ROOF DRAIN DETAIL



DUMPSTER PAD DETAIL

STRUCTURE SCHEDULE

No.	TYPE	INV. IN	INV. OUT	REM. ELEV.
E-1	42" Concrete End Section per Ho.Co. Std. Detail SD 5.11	42" - 453.00	---	---
JC-2	Junction Chamber per Ho.Co. Std. Detail SD 4.11	36" - 452.40 24" - 473.40	42" - 451.90	---
M-3	4'-0" Standard Precast Manhole per Ho.Co. Std. Detail SD 5.12	36" - 453.60 15" - 457.45	36" - 453.60	457.20
E-4	36" Concrete End Section per Ho.Co. Std. Detail SD 5.11	36" - 460.99	---	---
E-5	Type 'S' Combination Inlet per Ho.Co. Std. Detail SD 4.32	18" - 455.00	24" - 454.50	461.48
E-6	Type 'S' Combination Inlet per Ho.Co. Std. Detail SD 4.32	18" - 458.49	18" - 458.49	462.41
E-7	Type 'S' Inlet per Ho.Co. Std. SD 4.22	18" - 459.99	18" - 459.99	464.30
M-8	4'-0" Standard Precast Manhole per Ho.Co. Std. Detail SD 5.12	12" - 461.00 12" - 461.00	18" - 460.50	466.70
E-9	Type 'S' Combination Inlet per Ho.Co. Std. Detail SD 4.32	---	12" - 463.70	464.18
E-10	Type 'S' Combination Inlet per Ho.Co. Std. Detail SD 4.32	---	15" - 458.74	461.28
E-11	Type 'S' Combination Inlet per Ho.Co. Std. Detail SD 4.32	---	12" - 462.00	465.68
E-12	12" Concrete End Section per Ho.Co. Std. Detail SD 5.11	452.00	---	---
E-13	Type 'S' Combination Inlet per Ho.Co. Std. Detail SD 4.32	---	12" - 454.70	460.68
E-14	24" Concrete End Section per Ho.Co. Std. Detail SD 5.11	452.00	---	---
M-15	4'-0" Standard Precast Manhole per Ho.Co. Std. Detail SD 5.12	24" - 455.20 6" - 455.95	24" - 455.20	463.60
E-16	Type 'S' Inlet per Ho.Co. Std. Detail SD 4.22	18" - 456.49	24" - 455.99	464.30
M-17	4'-0" Standard Precast Manhole per Ho.Co. Std. Detail SD 5.12	12" - 458.34 12" - 458.34 15" - 458.09	18" - 457.84	466.70
E-18	Type 'S' Combination Inlet per Ho.Co. Std. Detail SD 4.32	---	12" - 463.74	470.58
E-19	Type 'S' Combination Inlet per Ho.Co. Std. Detail SD 4.32	---	12" - 462.14	465.68
E-20	Type 'S' Combination Inlet per Ho.Co. Std. Detail SD 4.32	---	15" - 462.01	466.08

* All inlets to have Reticular Grates per Ho.Co. Std. Detail SD 4.93

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE BY THE HOWARD COUNTY HEALTH DEPARTMENT.

John E. Muegge 1-14-86
DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

Thomas L. Hough 1-17-86
DATE

John Muegge 1-16-86
DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROAD.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Demetrius Wemy 1-9-86
DATE

William S. K... 1-8-86
DATE

BY THE DEVELOPER:

"I HEREBY 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."

Herbert Paulini 12/26/85
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 HOWARD SOIL CONSERVATION DISTRICT."

Arthur E. Muegge 12/26/85
DATE

REVIEWED FOR HOWARD COUNTY S.C.D.

AND MEETS TECHNICAL REQUIREMENTS

John M. Hela 1-3-86
DATE

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

Stephen E. Hahn 1/3/86
DATE

DATE NO REVISION

OWNER: MUEGGE LIMITED PARTNERSHIP
1000 EQUITABLE BALUX CENTER
COLUMBIA, MARYLAND 21044

DEVELOPER: JF THEATERS
17 W PENNSYLVANIA AVENUE
BALTIMORE, MARYLAND 21204

PROJECT: COLUMBIA PALACE LINE

AREA: OAKLAND EXECUTIVE PARK
PARCEL A-1 TAX MAP 30
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: DETAILS AND
SEDIMENT CONTROL NOTES

THE RIEMER GROUP, INC.
The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm
3105 Health Park Drive, Ellicott City, Maryland 21043 (301) 461-2600

11-18-85 DATE

DESIGNED BY J.K.B.

DRAWN BY B.A.C.

PROJECT NO 19200

DATE 8-27-85

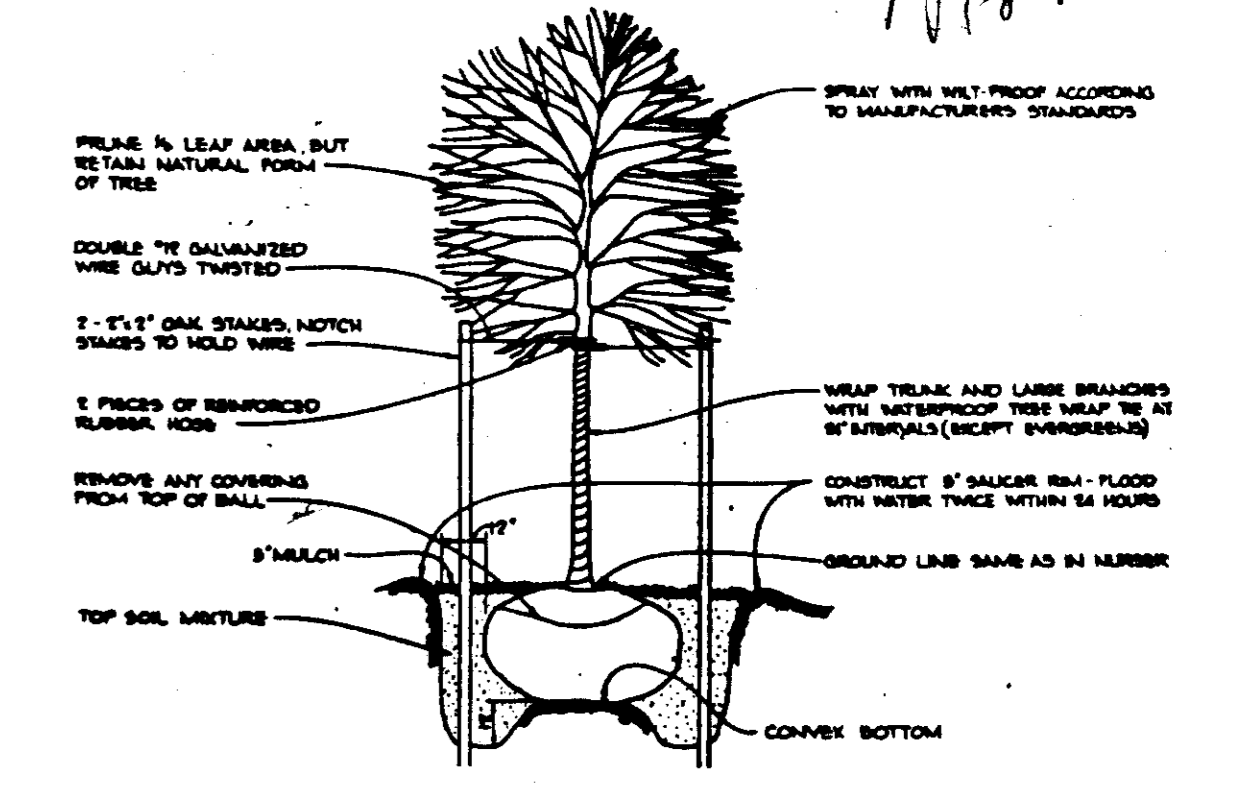
SCALE AS SHOWN

DRAWING NO. 6 OF 7

Arthur E. Muegge 1/3/86
DATE

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-24-85

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Thomas J. Davis 1-17-86
 PLANNING DIRECTOR DATE
William M. Muehlen 1-16-86
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE
 APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC WORKS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John F. Nalley 1-17-86
 DIRECTOR DATE
Richard P. K. [unclear] 1-8-86
 CHIEF, BUREAU OF ENGINEERING DATE



TREE PLANTING DETAIL

PLANT LIST

SYM.	QUAN.	NAME	SIZE	REMARKS
LS	38	SHADE TREES LIQUID AMBER SYRACIFLUA - Sweet Gum	2 1/2"-3" cal. 12'-14' ht.	B&B, full head
TC	27	TILIA CORDATA - Little Leaf Linden	2 1/2"-3" cal. 12'-14' ht.	B&B, full head
CF	6	FLOWERING TREES CORNUS FLORIDA - White Flowering Dogwood	6'-7' ht.	B&B, full head
MS	19	MALUS SPRING SNOW - Spring Snow Crab	7'-8' ht.	B&B, full head
VP	10	VIBURNUM FRUNITIFOLIUM - Blackhaw	6'-7' ht.	B&B, full head
PS	17	EVERGREENS PINUS STROBUS - Eastern White Pine	7'-8' ht. 2 1/2" cal.	B&B, Unsheared
JH	27	SHRUBS JUNIPERUS HORIZONTALIS PLUMOSA - Andorra Juniper	18"-24" SPD Con.	

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT,
Joyce M. Byler 1-14-86
 COUNTY HEALTH OFFICER DATE
 DATE: _____ REVISION: _____
 OWNER: MJE-2 LIMITED PARTNERSHIP
 1000 EQUITABLE BALK CENTER
 COLUMBIA, MARYLAND 21044
 DEVELOPER: J.F. THEATRES
 170 PENNSYLVANIA AVENUE
 BALTIMORE, MARYLAND 21204

COLUMBIA PALACE NINE

OAKLAND EXECUTIVE PARK
 PARCEL A-1 TAX MAP 30
 228 ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

PLANTING PLAN

THE RIEMER GROUP INC.

The Riemer Group Inc. A Land Planning Design & Construction Firm
 1300 North Park Drive, Suite 100, Columbia, Maryland 21044

DESIGNED BY: MEM
 DRAWN BY: PER
 PROJECT NO: 820X
 DATE: 8-27-85
 SCALE:
 DRAWING NO: 7 OF 7

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 9-24-85
M. Moser

NOTE:
 STREET TREES ALONG THE NORTH SIDE OF MD. RTE. 108
 ARE SHOWN IN ACCORDANCE WITH ROAD CONSTRUCTION
 DRAWINGS P-84-174