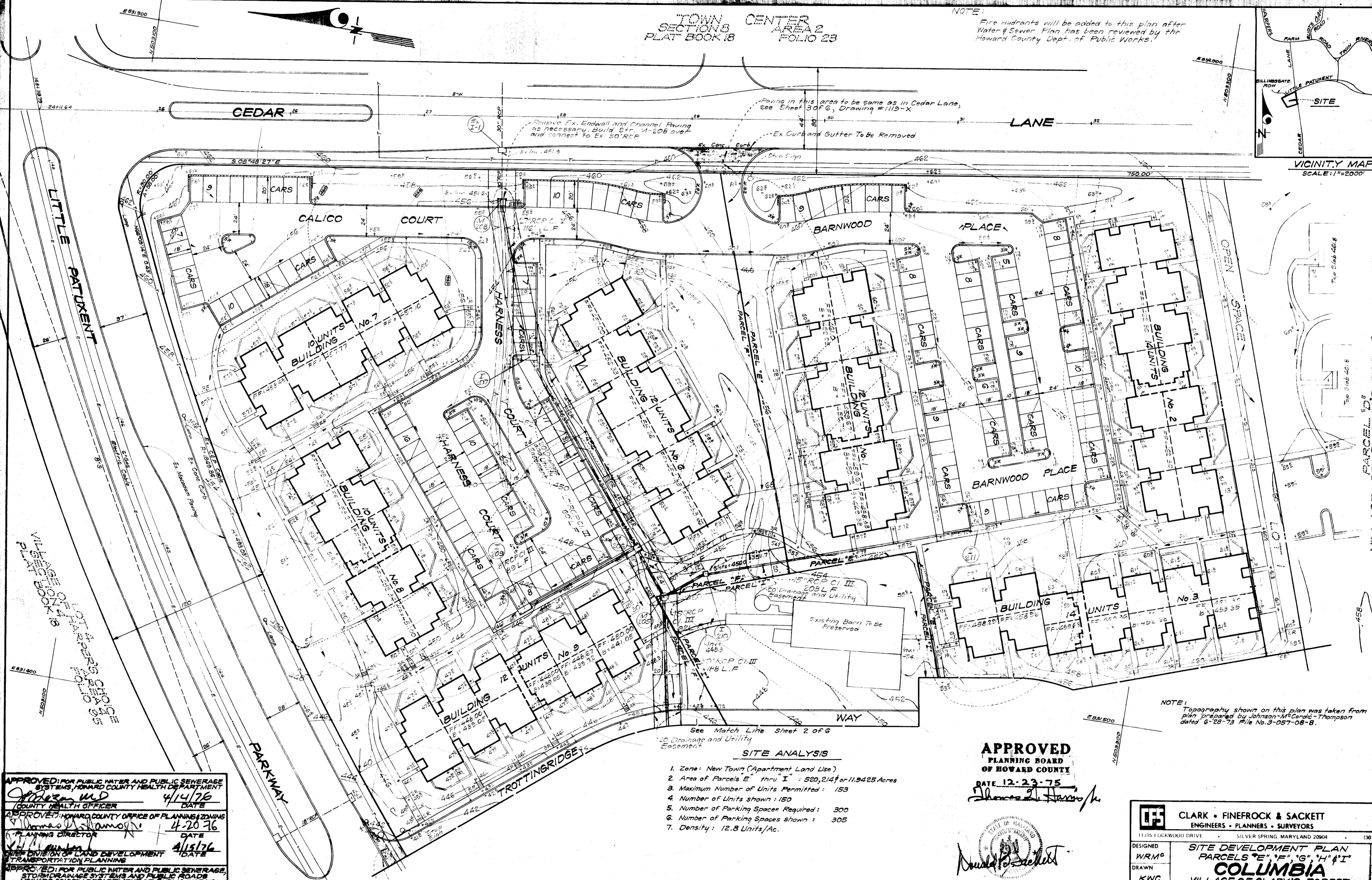
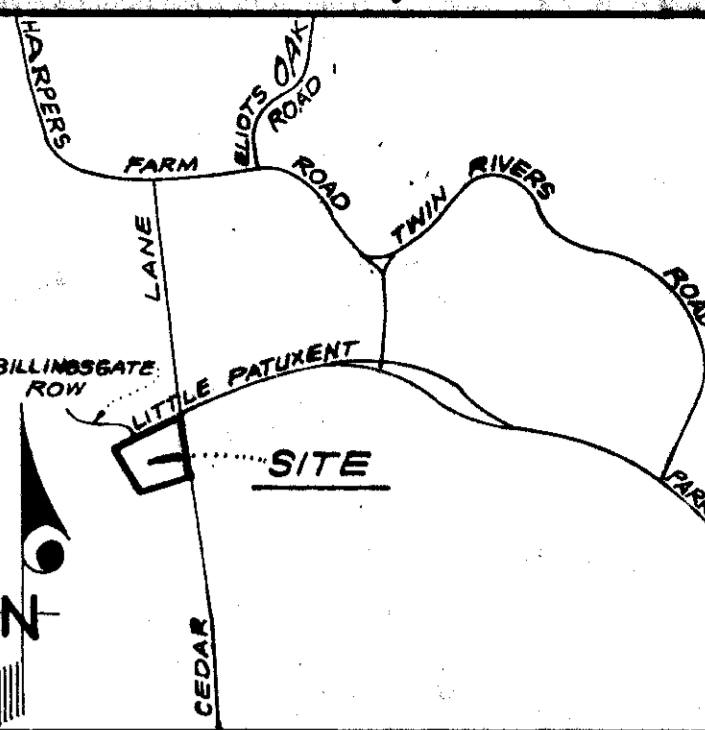


NOTE: Fire hydrants will be added to this plan after Water & Sewer Plan has been reviewed by the Howard County Dept. of Public Works.



See Match Line Sheet 2 of 6
20 Drainage and Utility Easement

SITE ANALYSIS

1. Zone: New Town (Apartment Land Use)
2. Area of Parcels "E" thru "I": 520,214¹/₂ or 11.9425 Acres
3. Maximum Number of Units Permitted: 153
4. Number of Units shown: 150
5. Number of Parking Spaces Required: 300
6. Number of Parking Spaces shown: 305
7. Density: 12.8 Units/Ac.

APPROVED
PLANNING BOARD
OF HOWARD COUNTY

DATE 12-23-75

James H. Harris



NOTE: Topography shown on this plan was taken from plan prepared by Johnson-McCarroll-Thompson dated 6-28-73 File No. 3-057-08-B.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
William W. D. 4/14/76
COUNTY HEALTH OFFICER DATE

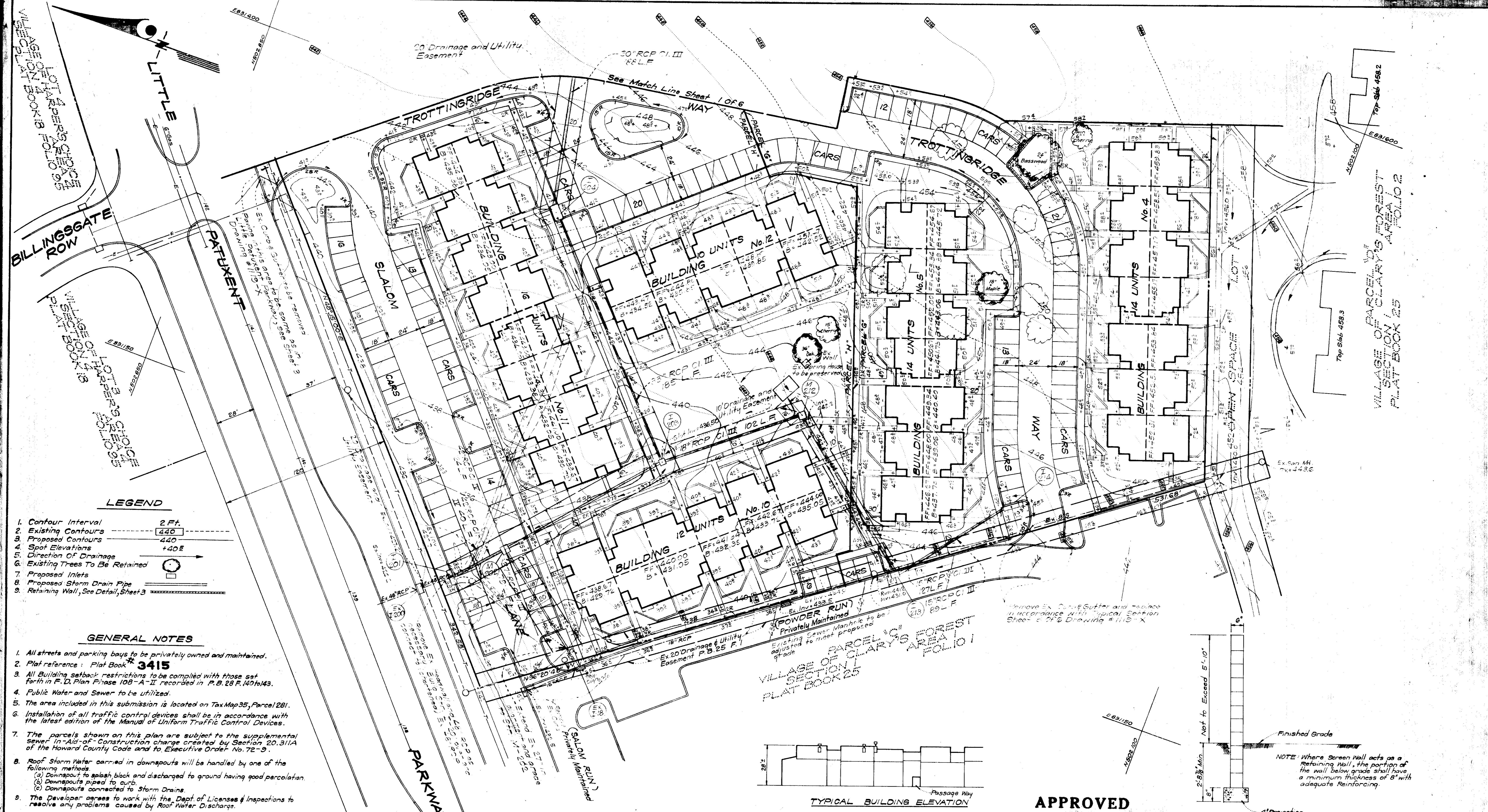
APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING
James H. Harris 4-20-76
PLANNING DIRECTOR DATE

CHIEF DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
William W. D. 4/15/76
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John J. Keane 4-13-76
DIRECTOR DATE

John W. McLaughlin 4/18/76
CHIEF BUREAU OF HIGHWAYS DATE

CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 503-3400		
DESIGNED WRM	SITE DEVELOPMENT PLAN PARCELS "E", "F", "G", "H" & "I" COLUMBIA VILLAGE OF CLARY'S FOREST SECTION I AREA I 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN KWC		DRAWING 1078
CHECKED WRM		JOB NO.
DATE Oct., 1975		FILE NO. 1119-X
FOR: MATHEWS - PHILLIPS, INC. 10750 Columbia Pike, Suite 408 Silver Spring, Md. 20901		



LEGEND

1. Contour Interval 2 Ft.
2. Existing Contours 440
3. Proposed Contours 440
4. Spot Elevations +40±
5. Direction Of Drainage →
6. Existing Trees To Be Retained (Symbol)
7. Proposed Inlets (Symbol)
8. Proposed Storm Drain Pipe (Symbol)
9. Retaining Wall, See Detail, Sheet 3 (Symbol)

GENERAL NOTES

1. All streets and parking bays to be privately owned and maintained.
2. Plat reference: Plat Book **3415**
3. All Building setback restrictions to be complied with those set forth in F.D. Plan Phase 108-A-II recorded in P.B. 28 P. 140/143.
4. Public Water and Sewer to be utilized.
5. The area included in this submission is located on Tax Map 95, Parcel 281.
6. Installation of all traffic control devices shall be in accordance with the latest edition of the Manual of Uniform Traffic Control Devices.
7. The parcels shown on this plan are subject to the supplemental sewer in-lot-of construction charge created by Section 20.311A of the Howard County Code and to Executive Order No. 72-9.
8. Roof Storm Water carried in downspouts will be handled by one of the following methods:
 - (a) Downspout to splash block and discharged to ground having good percolation.
 - (b) Downspouts piped to curb.
 - (c) Downspouts connected to Storm Drains.
9. The Developer agrees to work with the Dept. of Licenses & Inspections to resolve any problems caused by Roof Water Discharge.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER *[Signature]* DATE 4/14/76

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR *[Signature]* DATE 4-20-76

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR *[Signature]* DATE 4-13-76

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER *[Signature]* DATE 4/18/76

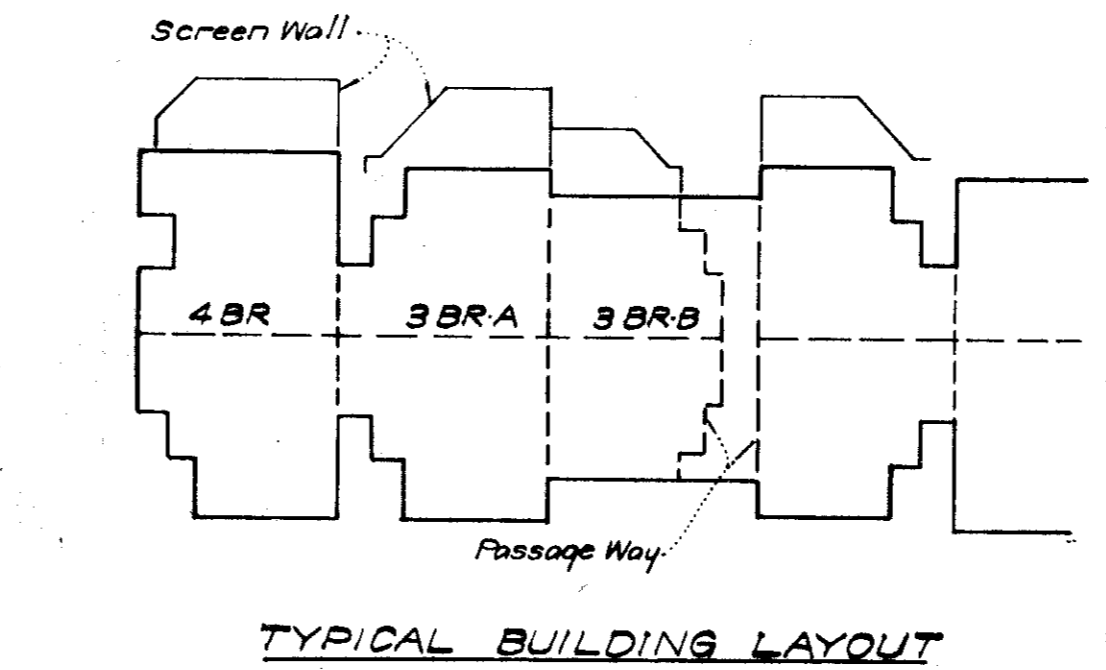
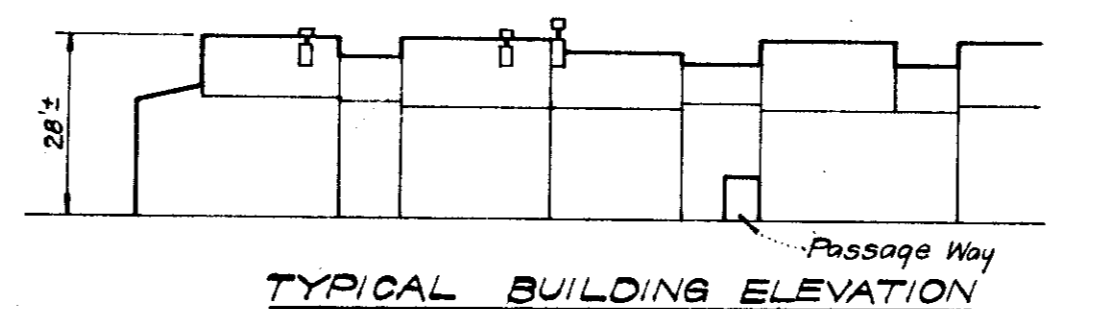
PARCEL ANALYSIS

PARCEL	SQ. FT.	ACRES	BLDG. NOS.	NO. OF UNITS	NO. OF PARKING SPACES	BLDG. COVERAGE SQ. FT.	%
"E"	121,152	2.7813	1,2 & 12	40	81	33,288	27.5
"F"	173,017	3.9719	8,9,10 & 11	44	88	36,860	21.3
"G"	77,402	1.7769	3 & 4	28	56	23,228	30.0
"H"	128,004	2.9386	5,6 & 7	38	80	31,962	25.0
"I"	20,639	0.4738				3,950	19.1
TOTAL	520,214	11.9425	12	150	305	129,288	24.9

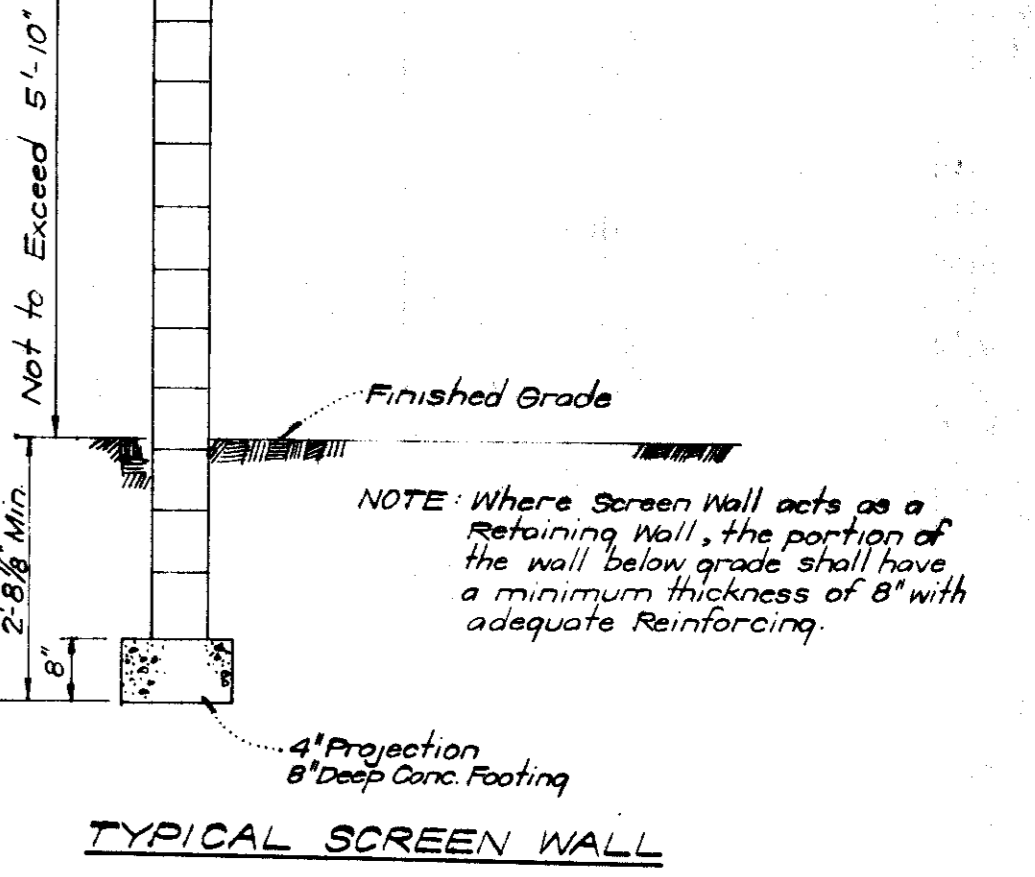
VILLAGE OF CLARY'S FOREST SECTION I AREA 1 5TH ELECTION DISTRICT PLAT BOOK 25

(POWDER RUN) Existing Sewer Manhole to be Privately Maintained

Existing Sewer Manhole to be adjusted to meet Proposed grade



APPROVED PLANNING BOARD OF HOWARD COUNTY
 DATE 12-23-75
[Signature]



CLARK • FINEROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11115 LEEWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 563 3400

DESIGNED WRMC
 DRAWN KWC
 CHECKED WRMC
 DATE Oct., 1975

SITE DEVELOPMENT PLAN PARCELS E, F, G, H & I COLUMBIA
 VILLAGE OF CLARY'S FOREST SECTION I AREA 1 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

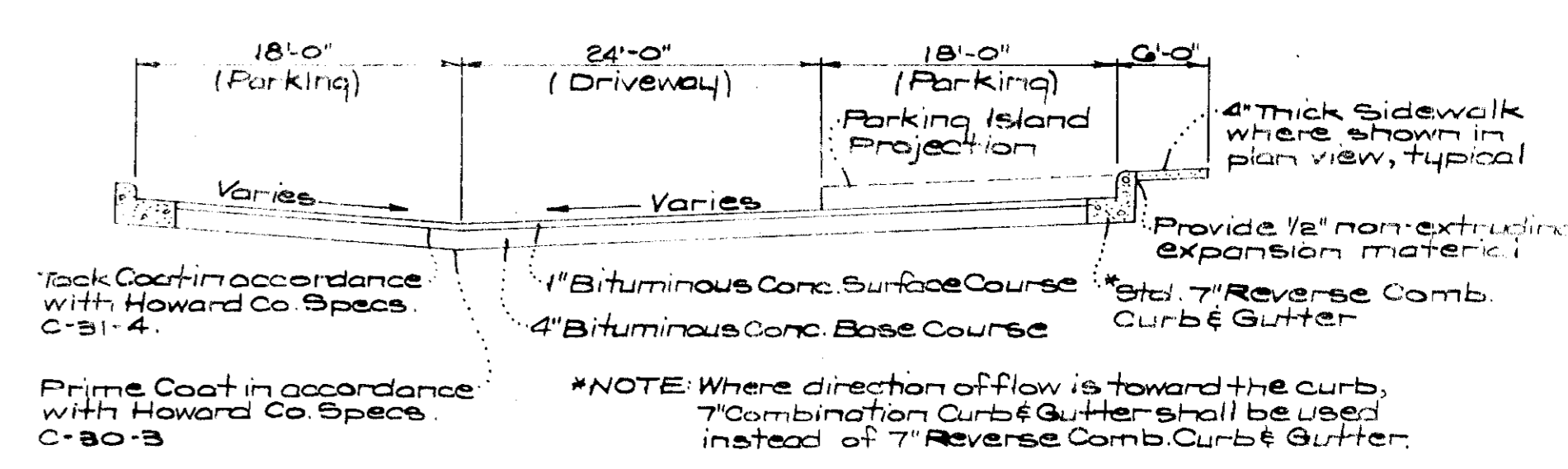
FOR: MATHEWS - PHILLIPS, INC.
 10750 Columbia Pike, Suite 408 Silver Spring, Md. 20901

SCALE 1"=30'
 DRAWING 20FB
 JOB NO.
 FILE NO. 1119-X

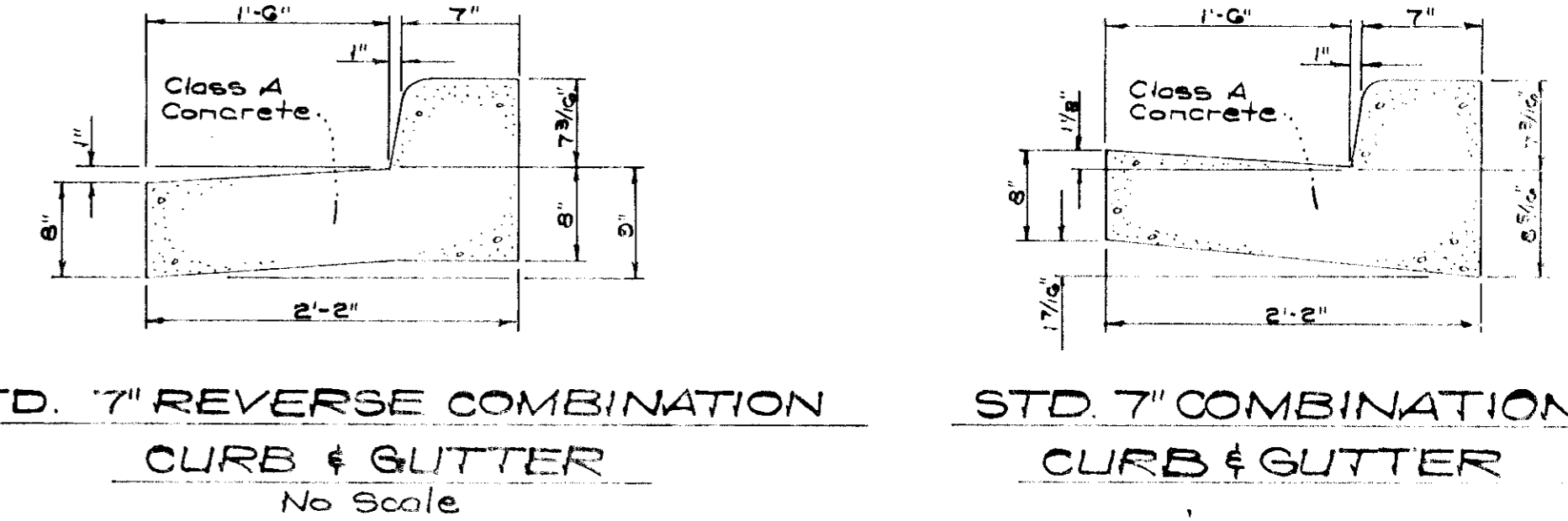
NO.	TYPE	TOP ELEV.		REMARKS	IN	OUT
		UPPER	LOWER			
I-201	A-10 Inlet	435.60	435.60	Howard Co. Std. Rq. 112-A	428.10	428.10
M-202	B-Manhole	435.57	435.57	SDD-9 48" Sq.	428.00	428.00
I-203	C-Inlet	435.50*	435.50*	" " " " Rq. 112-C	428.00	428.00
I-204	A-10 Inlet	441.30	441.00	" " " " Rq. 112-A W=4'-0"	434.07	433.88
M-205	A-1 Manhole	450.20	450.20	" " " " SDD-7	443.90	443.78
M-206	B-Manhole	449.20	449.20	" " " " SDD-9 48" Sq.	443.90	443.78
I-207	A-10 Inlet	454.05	453.80	" " " " Rq. 112-A	443.30	443.25
M-208	B-Manhole	455.00	455.00	" " " " SDD-9 48" Sq.	451.00	450.75
I-209	A-10 Inlet	445.80	445.40	" " " " Rq. 112-A	441.00	441.00
I-210	C-Inlet	450.05*	450.05*	" " " " Rq. 112-C	444.00	444.00
I-211	A-10 Inlet	457.20	457.00	" " " " Rq. 112-A	453.00	453.00
M-212	B-Manhole	442.30	442.30	" " " " SDD-9 48" Sq.	435.01	434.76
I-213	S-Combination	441.40*	441.10**	" " " " Rq. 112-A	435.80	435.85
I-214	A-10 Inlet	445.45	445.20	" " " " Rq. 112-A	441.20	441.20

* Inv. elev. of slots in east side only of Str. I-210, north & south sides of Str. I-203.
 ** Top of curb elevations at Str. I-215.

SIZE	TYPE	LENGTH
15"	RCP C.I. II	45'
18"	RCP C.I. III	19'
27"	RCP C.I. III	230'
27"	RCP C.I. IV	110'
30"	RCP C.I. III	225'
33"	RCP C.I. II	185'
42"	RCP C.I. IV	104'



TYPICAL PAVING SECTION
PRIVATE DRIVES & PARKING
No Scale

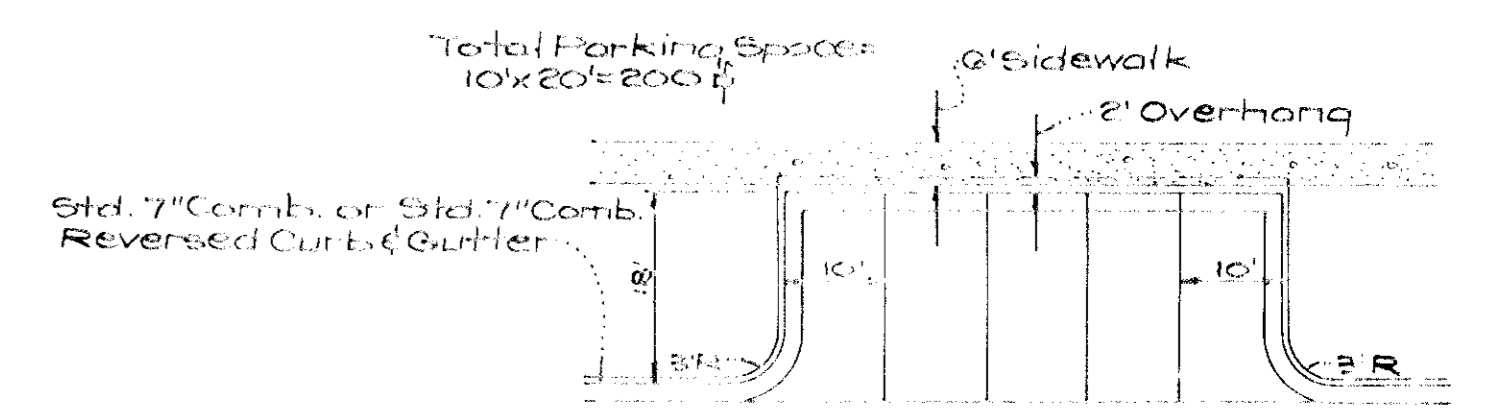


STD. 7" REVERSE COMBINATION CURB & GUTTER
No Scale

STD. 7" COMBINATION CURB & GUTTER
No Scale

GENERAL NOTES

- All storm drain and paving shall be constructed in accordance with the latest details and specifications of Howard County.
- Information concerning underground utilities was obtained from available records, but the Contractor must determine the exact location and elevation of the mains by digging test pits by hand at all utility crossings, well in advance of trenching.
- All utility companies shall be notified 48 hours in advance of construction.



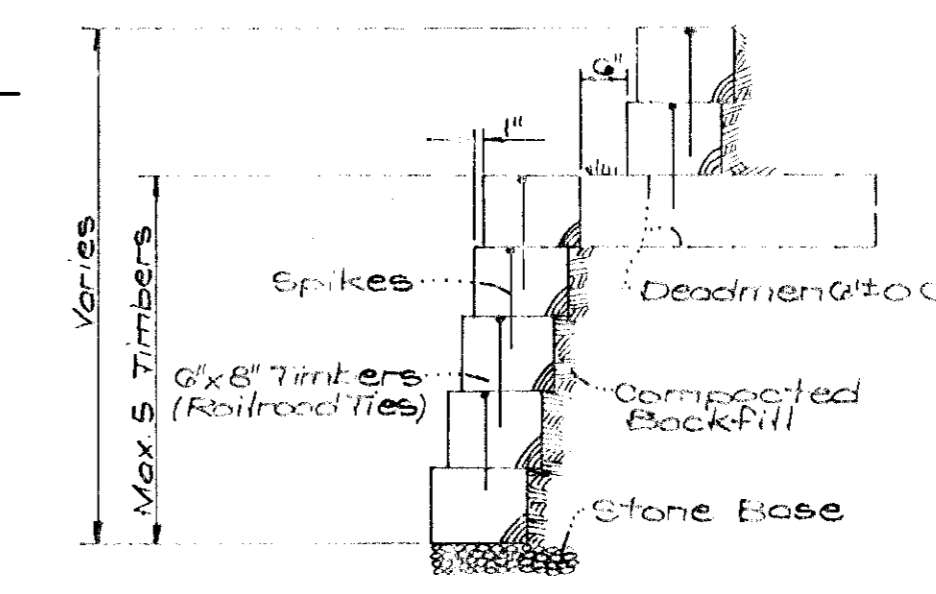
TYPICAL 90° PARKING
No Scale

Layer	Phase
Bituminous Conc. Surface	Band C-3 First Phase
Bituminous Conc. Surface	Band C-3 Second Phase
Bituminous Concrete Binder Course	Band A-3
Bituminous Concrete Base Course	Band C-2 or C-3
3" Gravel Sub-Base Course	Band C-2 or C-3

Clearing and Grading
Subgrade
Sub-Base Course
Base Course
Binder Course
Surface Course

Article C-1
Article C-2
Article C-25-2(a)
Article C-31 or C-33
Article C-31
Article C-31

To be constructed in accordance with the Howard County Road Construction Code and Specifications.



TIMBER RETAINING WALL
No Scale

APPROVED
PLANNING BOARD
OF HOWARD COUNTY

DATE: 12-23-75
Thomas L. Harris, Jr.



W. N. Sam Clark
10-6-75

PAVEMENT REPLACEMENT FOR ENTRANCES
TO LITTLE PATUXENT PKWY & CEDAR LA.

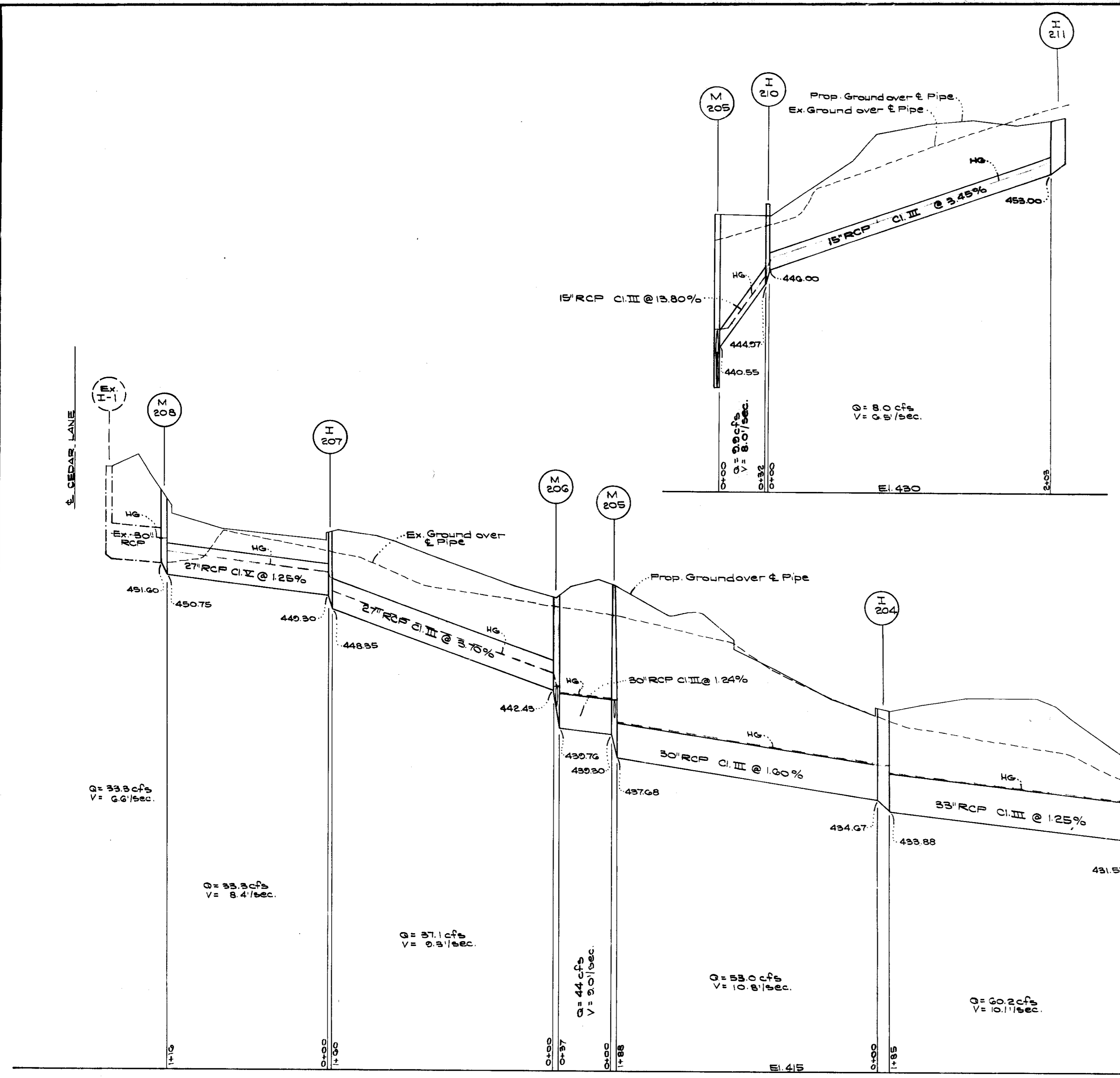
CLARK, FINEROCK & SACKETT
ENGINEERS - PLANNERS - SURVEYORS
11311 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20901 (301) 583-3400

DESIGNED: R.J.S.
DRAWN: Suzan
CHECKED: G.N.C.
DATE: Oct. 1975

SCALE: As Shown
JOB NO.: 5076
JOB NO.: 1119-X

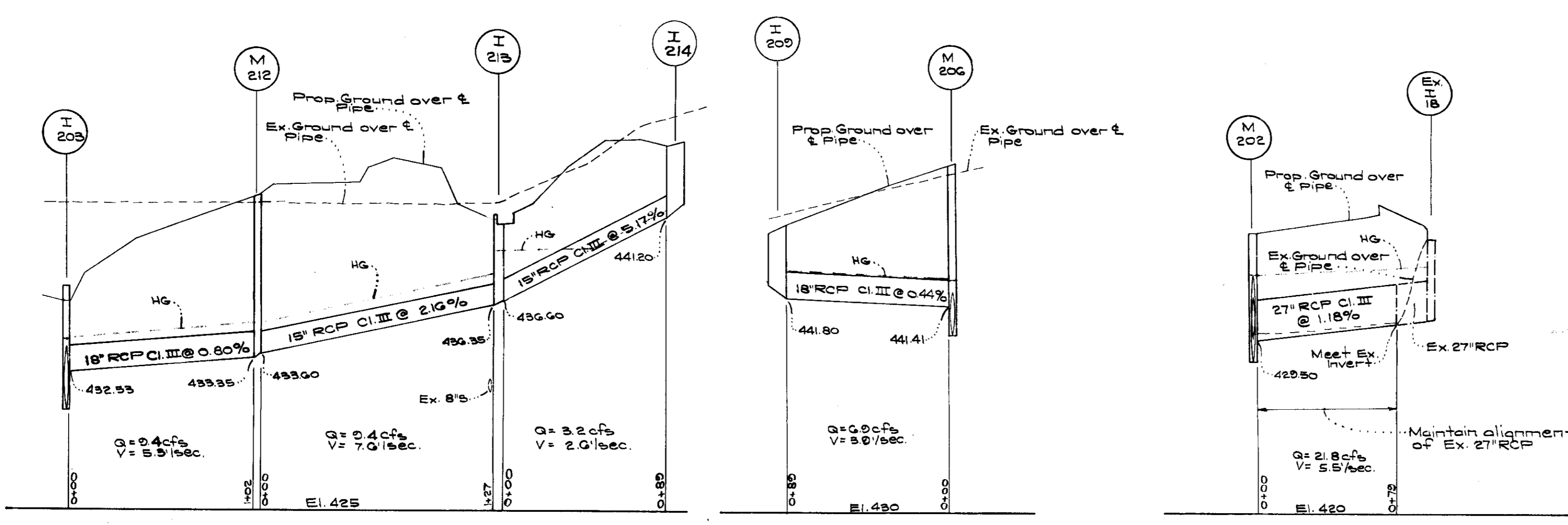
FOR: MATHEWS-PHILLIPS, INC.
10750 Columbia Pike, Suite 408
Silver Spring, Md. 20901

FILE NO.: 1119-X



PROFILES

Scale: Horiz. 1" = 50'
Vert. 1" = 5'

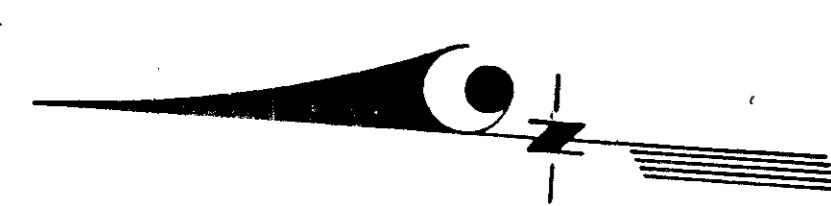


APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
J. J. ...
COUNTY HEALTH OFFICER
DATE: 4/14/76

APPROVED FOR PLANNING BOARD OF HOWARD COUNTY OFFICE OF PLANNING ZONING
...
PLANNING DIRECTOR
DATE: 4/22/76

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
...
DATE: 4/15/76

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
...
DATE: 4/18/76



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER *M. J. ...* DATE 4/14/76
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR *A. ...* DATE 4-20-76
 DIVISION OF LAND DEVELOPMENT
 TRANSPORTATION PLANNING
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 APPROVED
 DATE 4-12-76
 DATE 4/18/76

Ex. I-18 to M-202
 CA = 3.48
 A total = 5.4 Ac.
 T.C. = 3.32

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 12-23-75
Thomas J. ...



CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400			
DESIGNED	RJS	SCALE	1" = 50'
DRAWN	Suzan	DRAWING	40FD
CHECKED	G.N.C.	JOB NO.	
DATE	FOR: MATHEWS-PHILLIPS, INC. 10760 Columbia Pike, Suite 408 Silver Spring, Md. 20901	FILE NO.	1119-X

GENERAL NOTES

- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note # 5 for stabilization, except that the seed mixture shall be Kentucky 31 applied at the rate of 1.4 lbs/1000 sq. ft.
- Notify the Howard Soil Conservation District and the Bureau of Inspections and Permits at least 24 hours before starting any work.
- All Sediment Control practices to conform to the Standards and Specifications for Soil Erosion and Sediment Control in Urbanizing Areas and shall be adjusted to meet actual field conditions.
- Stabilization of disturbed ground to be done as soon after construction as possible.
- All graded areas shall be treated in accordance with the following specifications:
 - Seed - Certified 85% germination applied at the rate of 3 lbs/1000 sq. ft; mixture - 40% Kentucky Blue, 20% Chewing Fescue, 20% Kentucky 31 and 20% Annual Rye.
 - Fertilizer - 5-10-10 applied at the rate of 23 lbs/1000 sq. ft and ground agriculture lime or dolomitic lime applied at the rate of 46 lbs/1000 sq. ft.
 - Mulch - Weed free grain straw applied at the rate of 70 lbs/1000 sq. ft. Mulch shall be secured to the ground by any approved method, i.e. asphalt tacks, chemical binder, wood chips, etc.
- All structural sediment control measures are to remain in place until permission for their removal has been obtained from the Howard Soil Conservation District, phone 465-3180 or 465-5000 ext 328.
- On-site inspection and maintenance of all sediment control measures including cleanup of sediment traps and/or dikes and proper establishment of all planned vegetative measures will be the responsibility of the Developer or his representative on the site, on a continuing day to day basis.
- Protection of stabilized area, from sediment runoff shall be provided by the use of an approved sediment control device, i.e. diversion dikes, straw bales, etc.
- Storm Drain Structures I-201, M-202, I-203, I-204, M-205, M-206, I-207, M-208, I-209, I-210, I-211 and connecting pipes shall be constructed as part of the sediment control plan and prior to total site grading. See Clark, Finerock & Sackett Div. #1119-X for Storm Drainage Const. Plans.
- Storm drainage inlets I-204, I-207, I-209, I-211, Ex. I-6, Ex. I-8 & I-213 shall be completely blocked in accordance with the Stone Filter Inlet Protection Detail on sheet G.
- SITE ANALYSIS**
 - Total Area: 11.9 Ac.
 - Area to be Roofed: 3.0 Ac.
 - Area to be Paved: 3.0 Ac.
 - Area to be Seeded: 5.7 Ac.
 - Area Undisturbed: 0.2 Ac.
- See sheet G for Construction Sequence
- Storm Drainage pipes shall be protected at end of each working day in accordance with pipe blocking detail this Sheet

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 Signature: *[Signature]* DATE: 4/14/76
 COUNTY HEALTH OFFICER

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 Signature: *[Signature]* DATE: 4-20-76
 PLANNING DIRECTOR

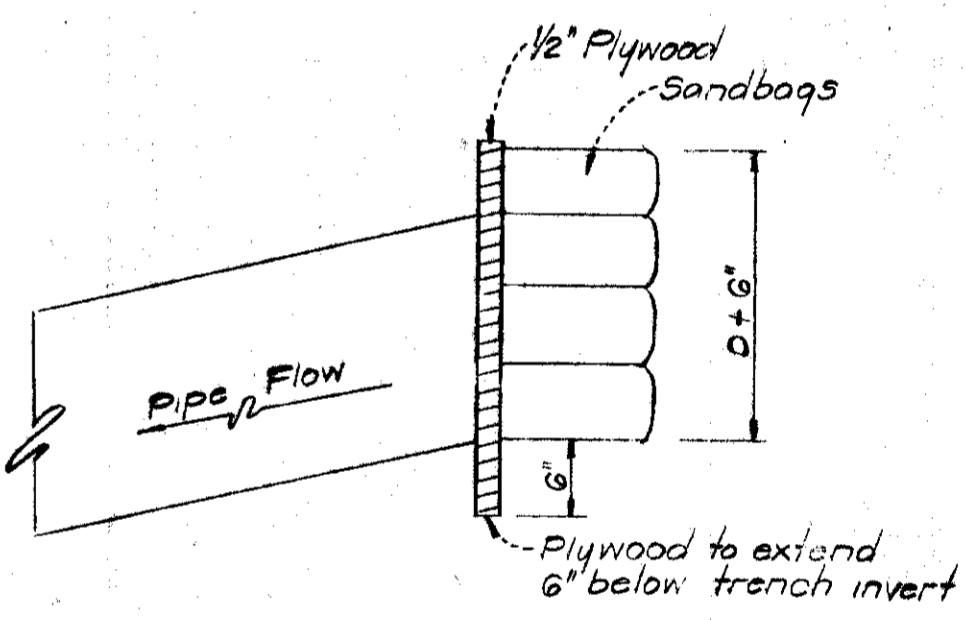
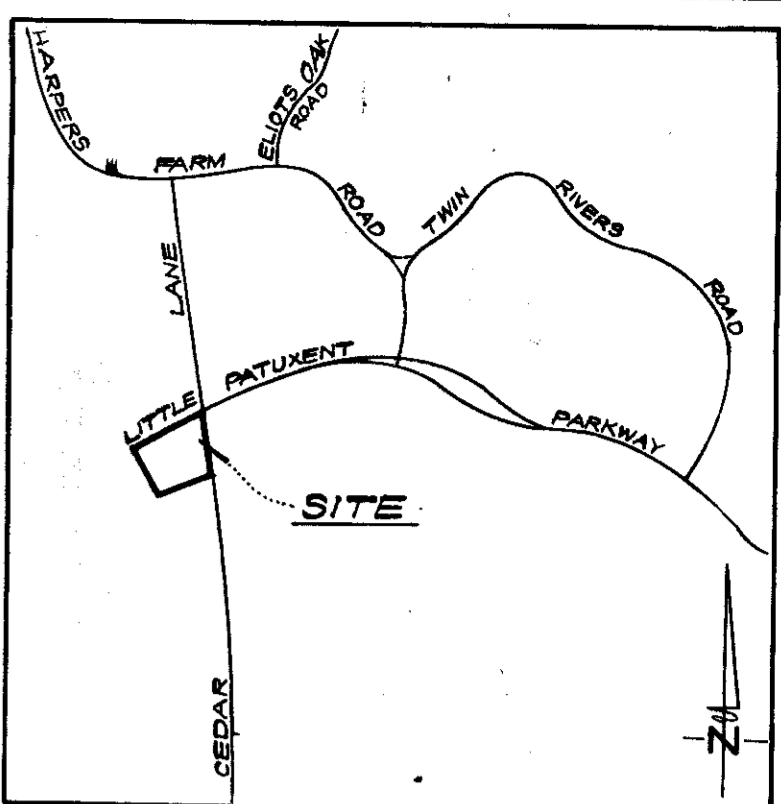
APPROVED FOR LAND DEVELOPMENT
 Signature: *[Signature]* DATE: 4/18/76
 PLANNING & ZONING

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Signature: *[Signature]* DATE: 4-18-76
 CHIEF BUREAU OF HIGHWAYS

Reviewed for: HOWARD S.C.D.
 Name: Howard
 and meets Technical Requirements
 Signature: *[Signature]* Date: 4/7/76
 U.S. Soil Conservation Service

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

Approved: *[Signature]* Date: 4/7/76



PIPE BLOCKING DETAIL
 No Scale

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE: 12-23-75
[Signature]

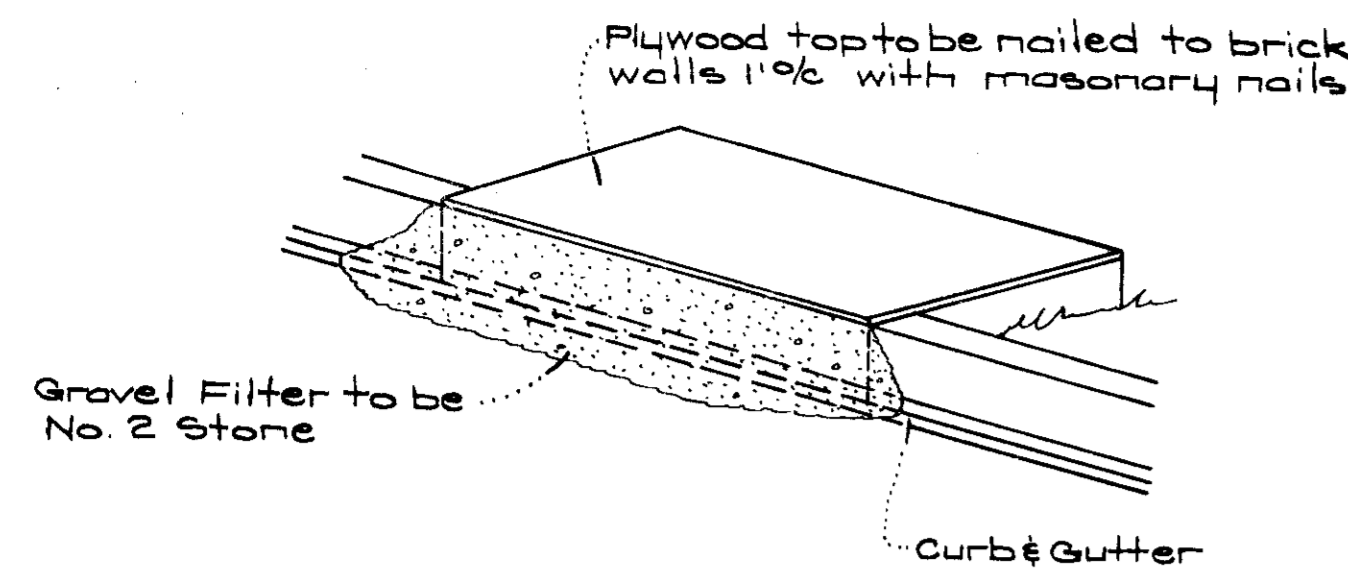
DEVELOPER'S CERTIFICATE
 I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.
 10-6-75 Date
[Signature] Developer

ENGINEER'S CERTIFICATE
 I hereby 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.
 10-6-75 Date
[Signature] Nelson Clark

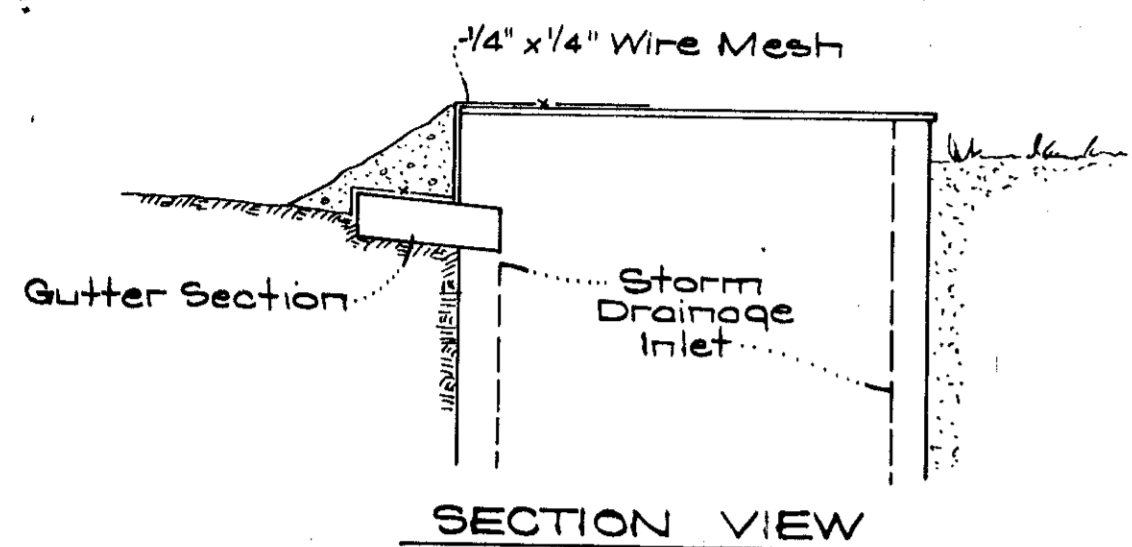


CLARK • FINEROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 13115 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED: D.A.B.	SEDIMENT & EROSION CONTROL PLAN PARCELS E, F, G, I, J COLUMBIA VILLAGE OF CLARY'S FOREST SECTION 1 AREA 1 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE: As Shown
DRAWN: Suzan		DRAWING: 5048
CHECKED: G.N.C.		JOB NO.:
DATE: Oct. 1975		FILE NO.:
FOR: MATHEWS - PHILIPS, INC. 10750 Columbia Pike, Suite 408 Silver Spring, Md. 20901		1119-X



ISOMETRIC VIEW



SECTION VIEW

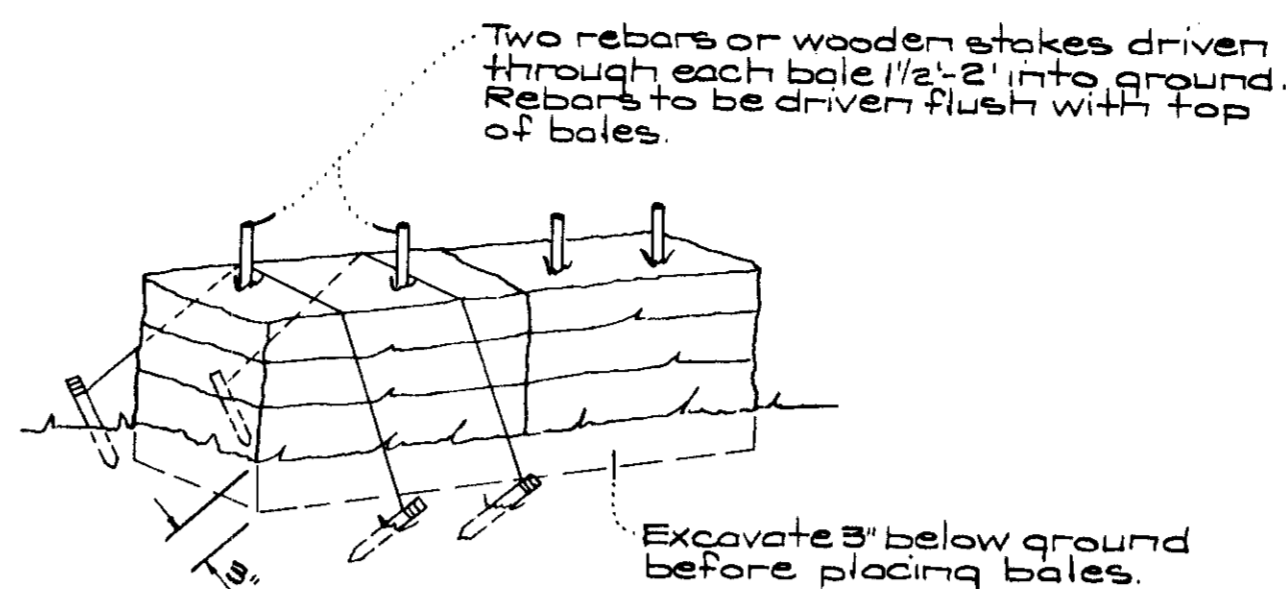
STONE FILTER INLET PROTECTION DETAIL

No Scale

CONSTRUCTION SEQUENCE

- PHASE I** (Bldgs. #1, #2, & #12 Models in That Order)
 Note: Curbs at North End Bldg #2 to be built last.
1. Construct Storm Drainage as noted in General Note #9.
 2. Install & Stabilize Sediment Basin, Earth Dikes, Straw Bales, and Stone Construction Entrances.
 3. Excavate for bldg. footings and rough grade.
 4. Install Utilities.
 5. Construct paving.
 6. Final grade & stabilize.
 7. Remove straw bales along rear of Bldg #1 & Cedar Lane.
- PHASE II** (Bldgs. #3, #9, #10, & #11)
1. Excavate for bldg. footings and rough grade.
 2. Install utilities.
 3. Construct paving.
 4. Final grade & stabilize.
 5. Remove construction entrance on Cedar Lane.
- PHASE III** (Bldgs. #3, & #4)
1. Construct Storm Drainage Str. M-212 & I-213 and connecting pipes.
 2. Excavate for bldg. footings and rough grade.
 3. Install utilities.
 4. Construct paving.
 5. Final grade & stabilize.
 6. Remove construction entrance. Remove earth dike from S.W. corner properly to a point 80'± south of Str. I-213.
- PHASE IV** (Bldgs. #5, #6, & #7)
1. Excavate for bldg. footings and rough grade.
 2. Install utilities.
 3. Construct paving.
 4. Final grade & stabilize in vicinity of Bldgs. #5 & #6.
 5. Remove Sediment Basin & Earth Dike along west property line.
 6. Construct stone inlet protection at Str. I-201.
 7. Complete Bldg. #7 & paving.
 8. Final grade & stabilize.
- PHASE V** (North End Bldg. #4)
1. Install straw bales as shown.
 2. Excavate for bldg. footings and rough grade.
 3. Install utilities.
 4. Final grade and stabilize.

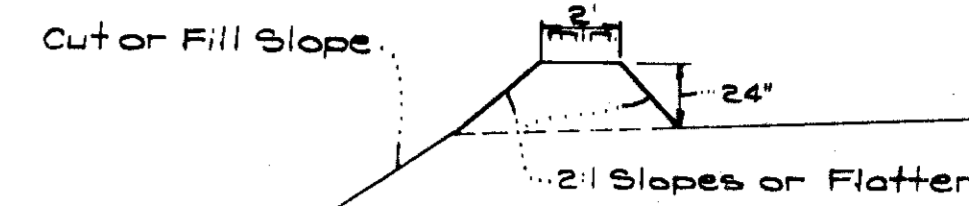
All bales shall be tied with non-weathering material, i.e. wire, nylon.



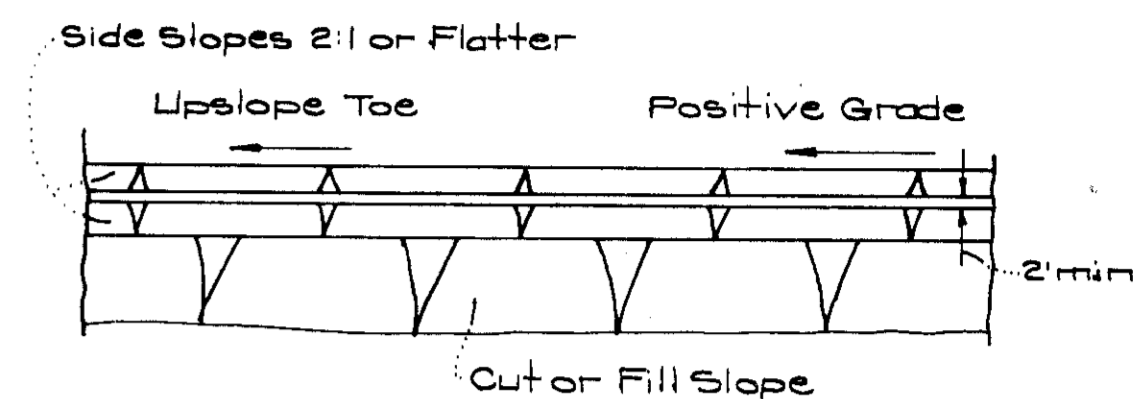
NOTE: In lieu of the use of rebars, each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

TYPICAL STRAW BALE DETAIL

No Scale



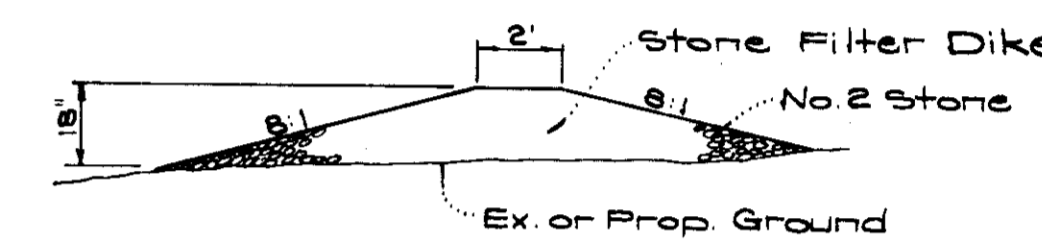
CROSS SECTION



PLAN VIEW

DIVERSION DIKE

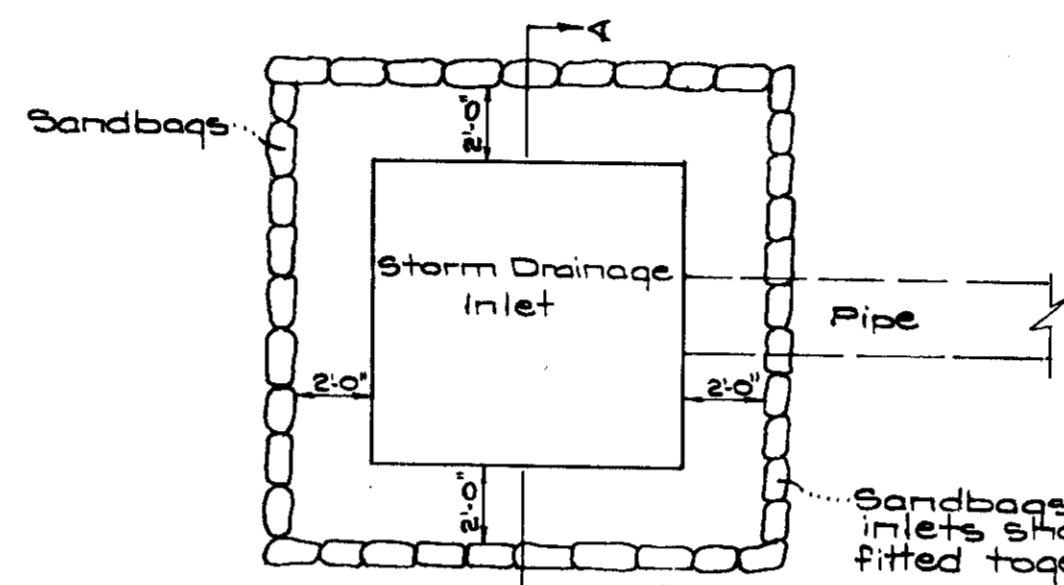
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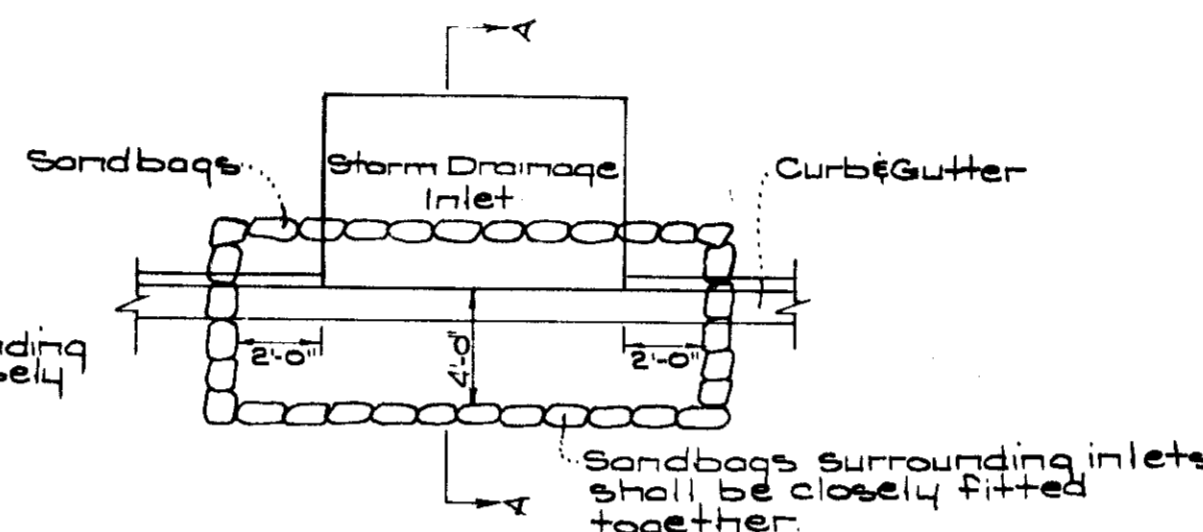
SECTION VIEW

STONE CONSTRUCTION ENTRANCE DETAIL

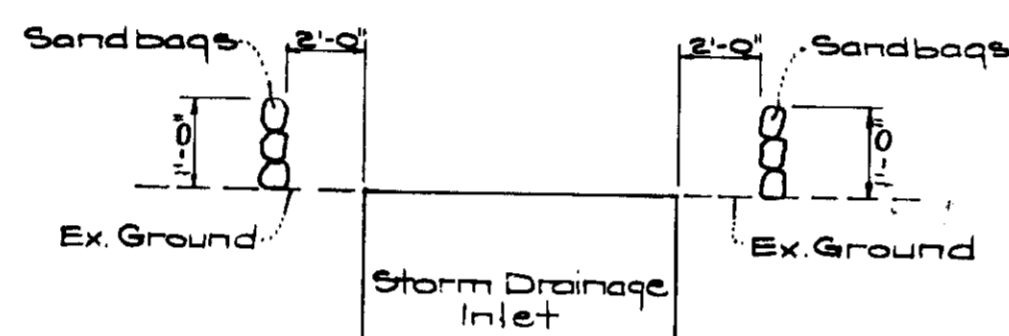
No Scale



PLAN



PLAN

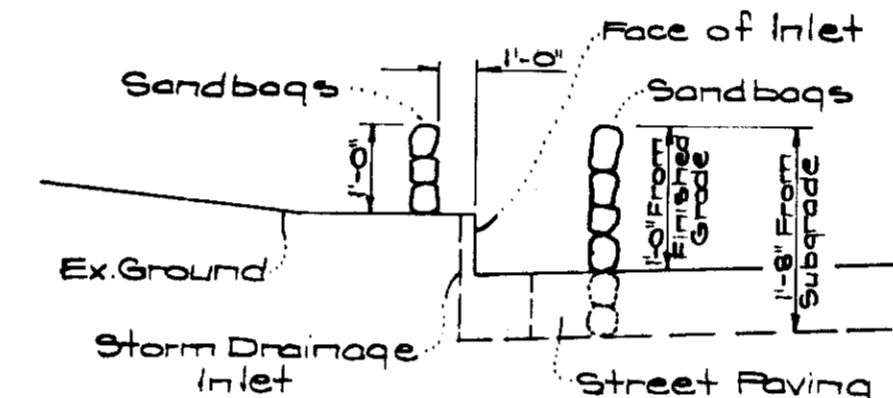


SECTION A-A

DETAIL OF SANDBAG BLOCKING FOR YARD TYPE INLETS

STR. NOS. I-203 & I-210

No Scale

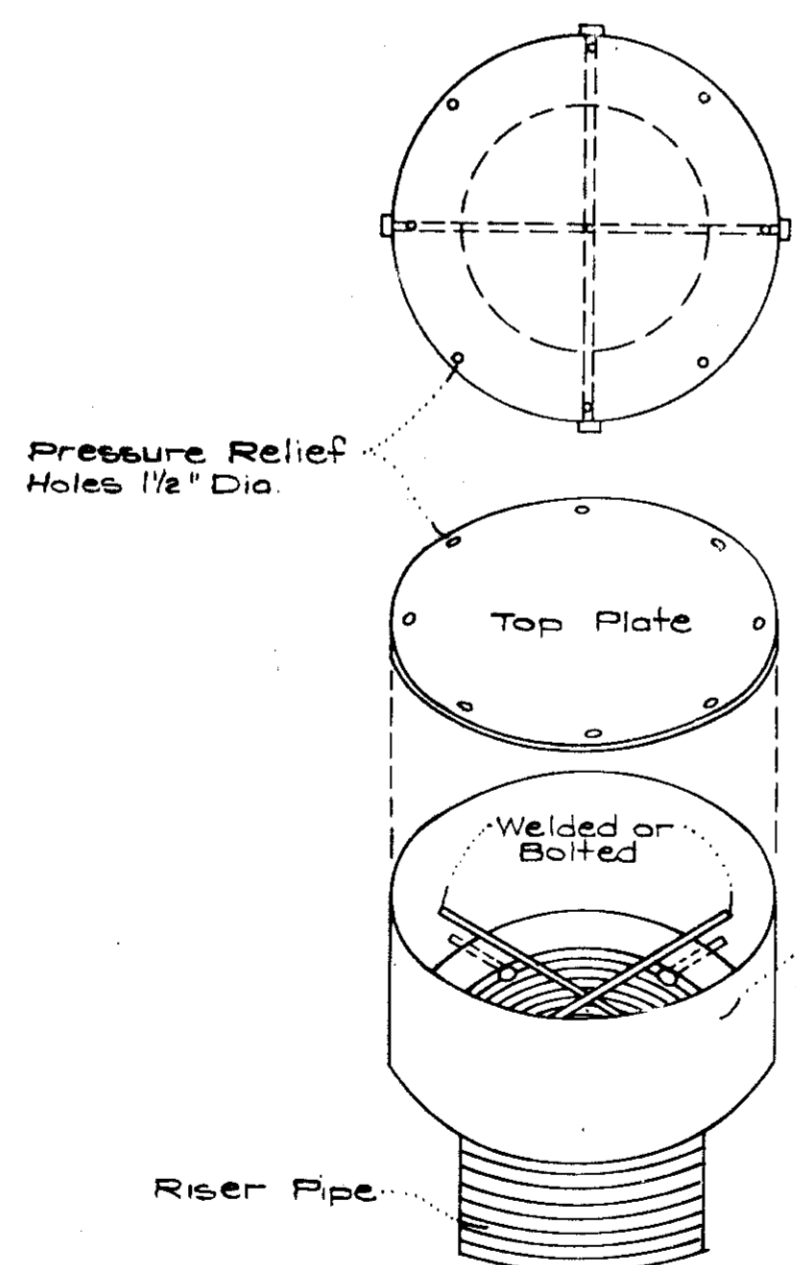


SECTION A-A

DETAIL OF SANDBAG BLOCKING FOR GRATE TYPE OR CURB OPENING INLETS

STR. NOS. I-204, I-207, I-209, & I-211

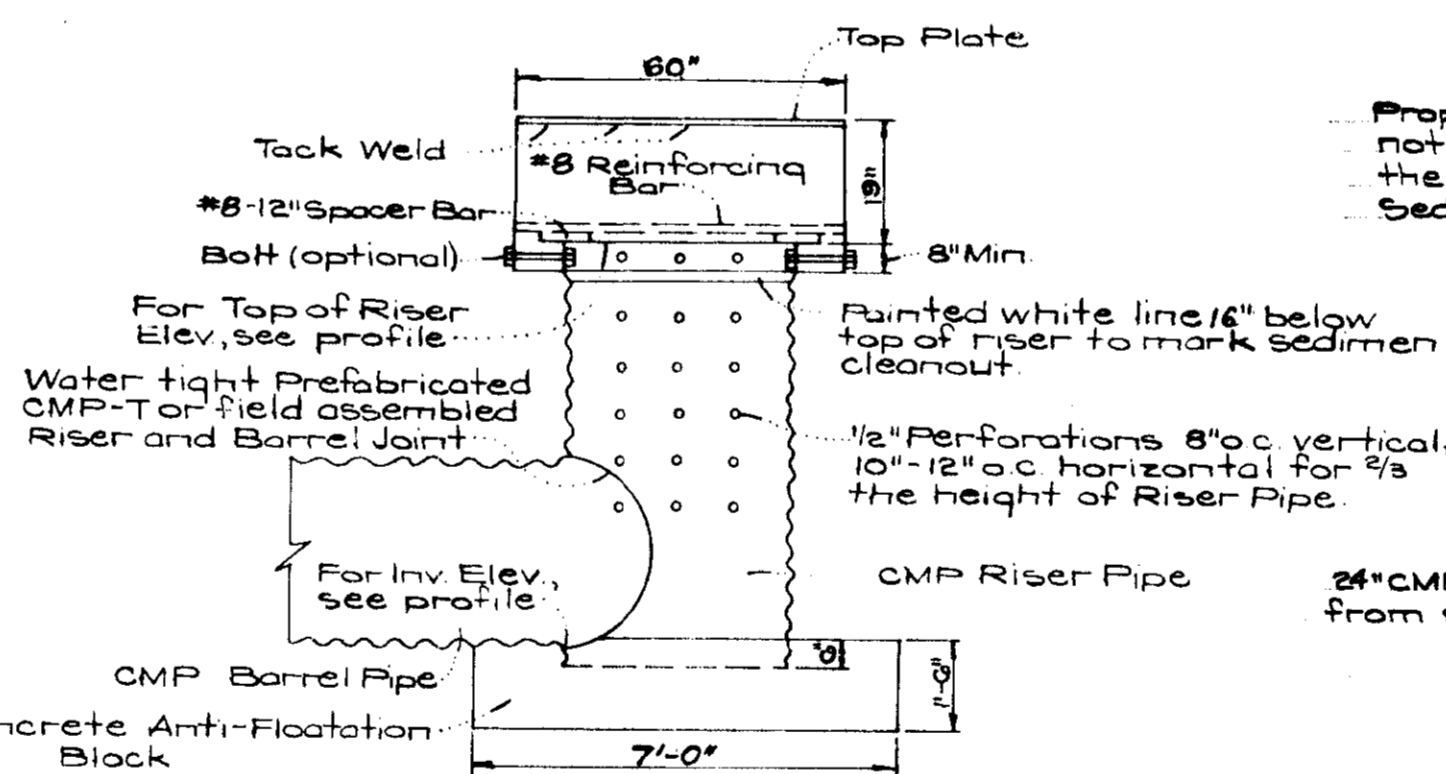
No Scale



CONCENTRIC ANTI-VORTEX DEVICE & TRASH RACK

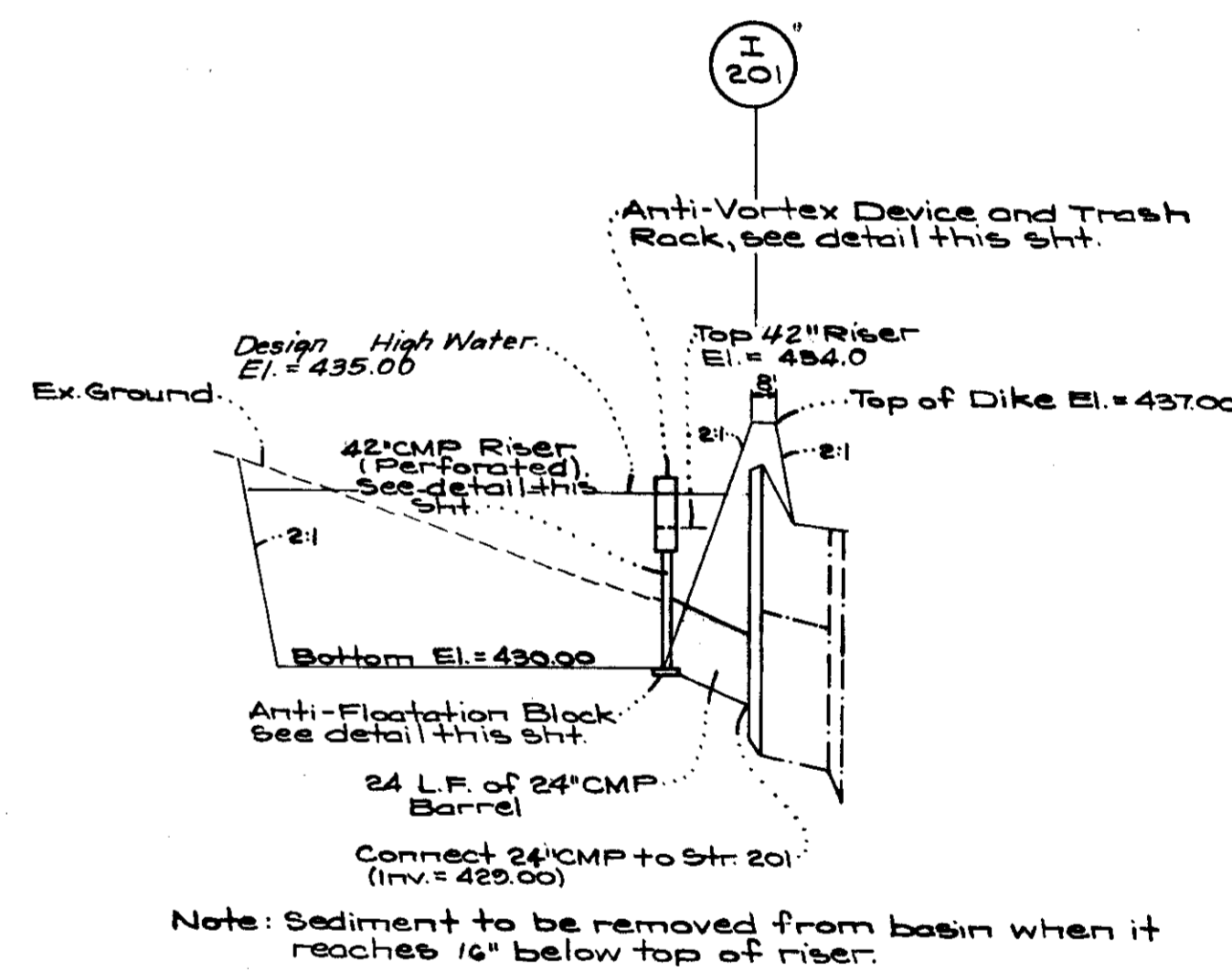
No Scale

1. Top Plate to be 1/2" steel plate.
2. Outer shell to be of same gauge metal as the riser; may be formed sheet steel or corrugated steel.
3. Attachment to riser may be welded, but recommend bolts as shown with bolts directly under the reinforcing rods as shown, for maintenance reasons.
4. Bolts use 1/2" for risers up to #2 diameter; use 3/8" diameter for all larger riser diameters.
5. Bituminous coat all surfaces after fabrication and attachment to the riser.



SEDIMENT BASIN BARREL PIPE CONNECTION TO STRUCTURE NO. I-201

Scale: 1" = 5'



PROFILE

Scale: Horiz. 1" = 50'
 Vert. 1" = 5'

ENGINEER'S CERTIFICATE

I hereby 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.



4-6-75 Date
 G. Nelson Clark

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 4/14/76 DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR
 4-20-76 DATE

CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING
 4/15/76 DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 CHIEF BUREAU OF HIGHWAYS
 4-12-76 DATE
 4-18-76 DATE

DEVELOPER'S CERTIFICATE

I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

10/6/75 Date
 R. Lehmann Developer

Reviewed for HOWARD S.C.D. Name
 and meets Technical Requirements
 Eric W. Herman 4/7/76 Date
 Signature
 U.S. Soil Conservation Service

APPROVED
 PLANNING BOARD OF HOWARD COUNTY
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 DATE 12-23-75
 Approved [Signature] Date: 4/7/76

CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 2115 LOR WOOD DRIVE SILVER SPRING, MARYLAND 20908 (301) 588-3400

DESIGNED R.J.S.
 DRAWN Suzon
 CHECKED G.N.C.
 DATE Oct. 1975

SEDIMENT & EROSION CONTROL PLAN
 PARCELS E, G, & I
COLUMBIA
 VILLAGE OF CLARY'S FOREST
 SECTION 1 AREA 1
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR: MATHEWS - PHILLIPS, INC.
 10760 Columbia Pike, Suite 408
 Silver Spring, Md. 20901

SCALE As Shown
 DRAWING GOFB
 JOB NO.
 FILE NO. 1110-X

SDP-76-34c



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE 4/14/76

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, SITE, DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 PLANNING DIRECTOR
 DATE 4/12/76

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, SITE, DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE 4-12-76

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, SITE, DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE 4/17/76

PLANT MATERIAL LIST (SHRUBS)			
SYMBOL	PLANT NAME	SIZE	QUANTITY
(A)	EUONYMUS ALATUS COMPACTUS (Dwarf Winged Euonymus) Planted in groups of 5 on 4' centers	18"-24" B & B	90
(B)	JUNIPERUS CHINENSIS PFITZERIANA (Pfitzer Juniper) Planted in groups of 3 on 5' centers	24"-38" B & B	87
(C)	PYRACANTHA COCCINAE LALANDI (Orange Laland Firethorn) Planted in groups of 3 on 6' centers	2'-3' In Pots	24
(D)	PYRACANTHA LOBOY (Orange Loboy Firethorn) Planted in groups of 3 on 3' centers	18"-24" in Pots	27
(E)	VIRURNUM TOMENTOSUM (Doublefile Viburnum) Planted in groups of 3 on 4' centers	30"-36" B & B	24
(F)	TAXUS CUSPIDATA DENSIFORMIS (Dense Japanese Yew) Planted as shown on Plan on 30' centers	18"-24" B & B	108

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 12-23-75

LANDSCAPE PLANTING PLAN
 CENTURY ENGINEERING, INC.
 TOWSON, MARYLAND

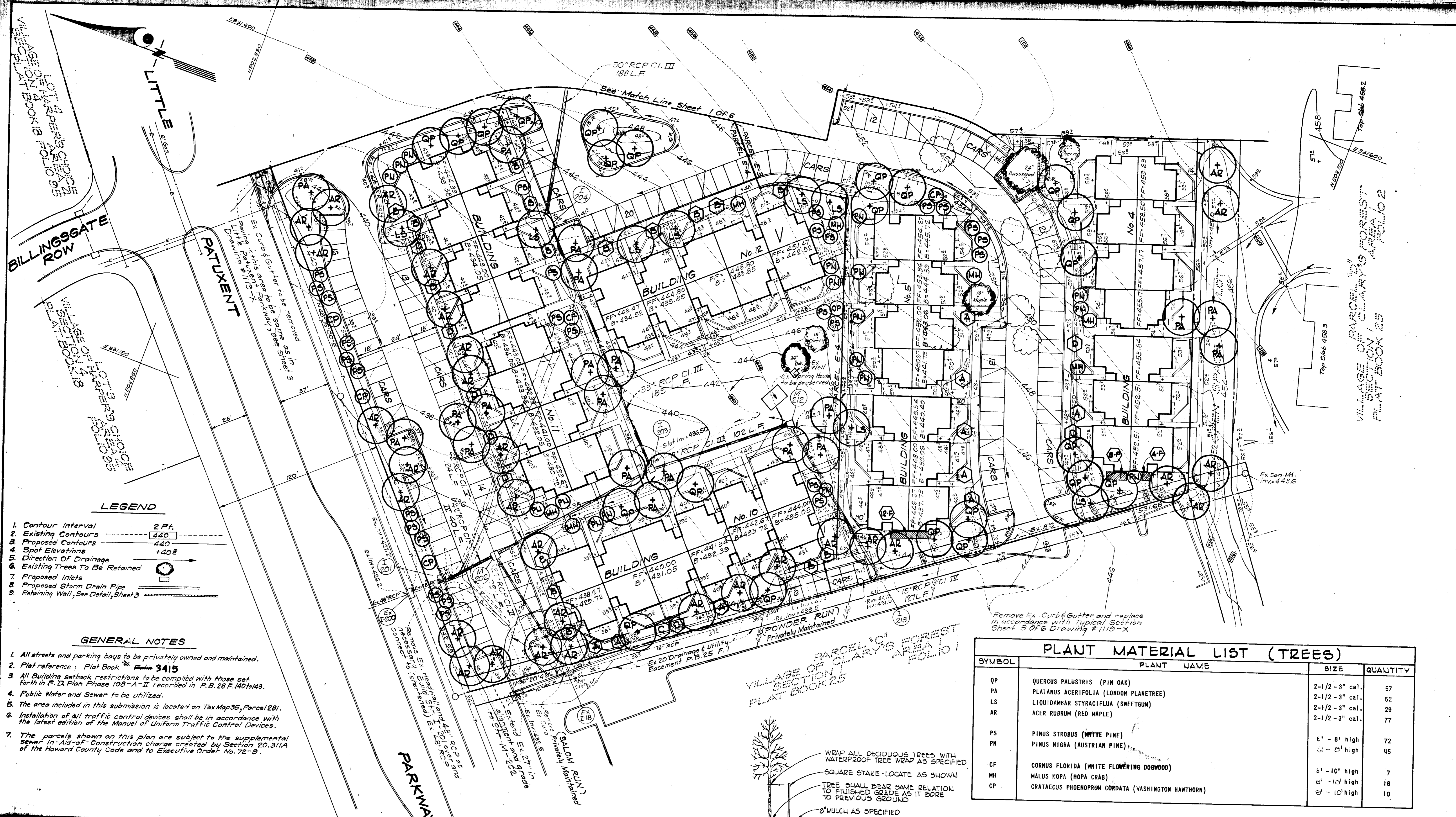
CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11115 LOCKWOOD DRIVE
 SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED WRM
 DRAWN KWC
 CHECKED WRM
 DATE Oct., 1975

SITE DEVELOPMENT PLAN
 PARCELS 'E', 'F', 'G', 'H' & 'I'
COLUMBIA
 VILLAGE OF CLARY'S FOREST
 SECTION I AREA 1
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE 1"=30'
 DRAWING 707-B
 JOB NO.
 FILE NO. 1119-X

FOR: MATHEWS-PHILLIPS, INC.
 10750 Columbia Pike, Suite 408
 Silver Spring, Md. 20901



LEGEND

1. Contour Interval 2 Ft.
2. Existing Contours 440
3. Proposed Contours 440
4. Spot Elevations +40 E
5. Direction Of Drainage
6. Existing Trees To Be Retained
7. Proposed Inlets
8. Proposed Storm Drain Pipe
9. Retaining Wall, See Detail, Sheet 3

GENERAL NOTES

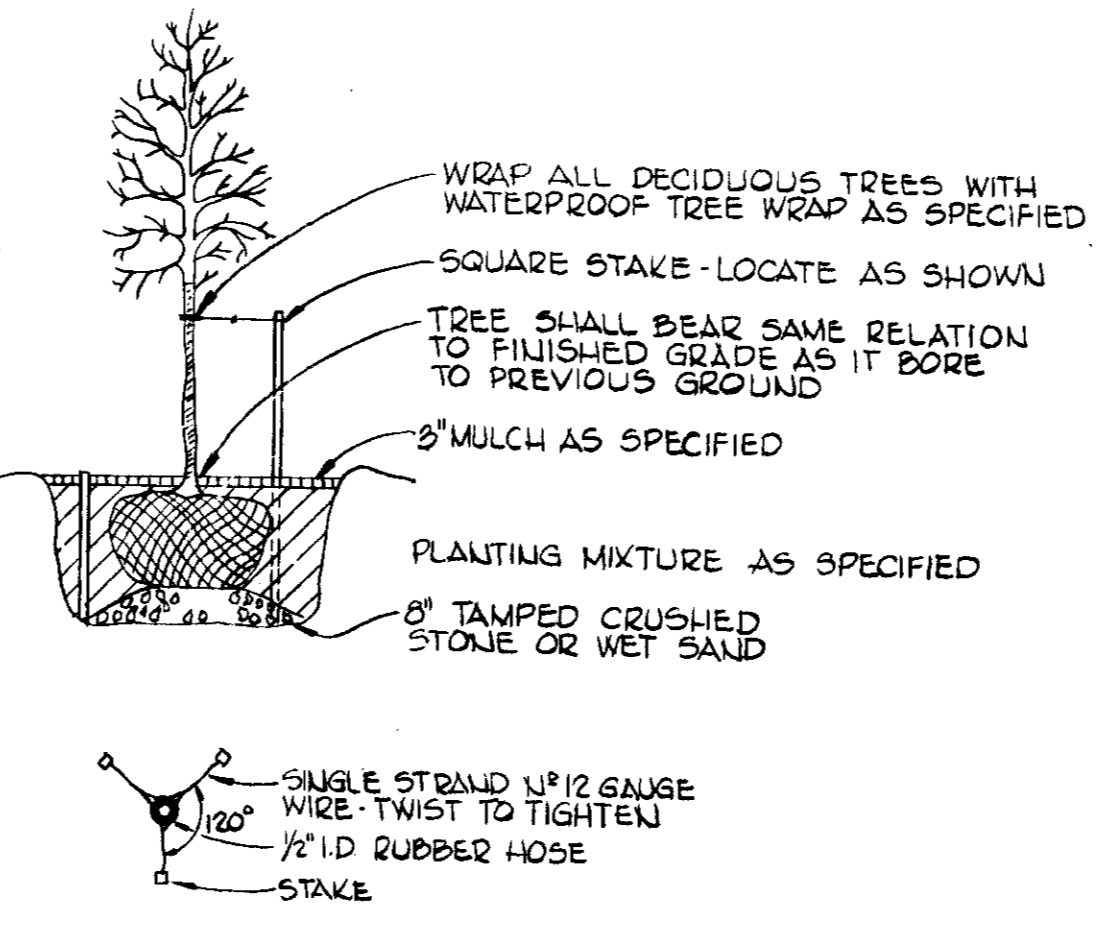
1. All streets and parking bays to be privately owned and maintained.
2. Plat reference: Plat Book # 3415
3. All Building setback restrictions to be complied with those set forth in F.D. Plan Phase 108-A-II recorded in P.B. 28 F. 140143.
4. Public Water and Sewer to be utilized.
5. The area included in this submission is located on Tax Map 35, Parcel 281.
6. Installation of all traffic control devices shall be in accordance with the latest edition of the Manual of Uniform Traffic Control Devices.
7. The parcels shown on this plan are subject to the supplemental sewer in-aid-of-construction charge created by Section 20.311A of the Howard County Code and to Executive Order No. 72-9.

PLANT MATERIAL LIST (TREES)

SYMBOL	PLANT NAME	SIZE	QUANTITY
QP	QUERCUS PALUSTRIS (PIN OAK)	2-1/2 - 3" cal.	57
PA	PLATANUS ACERIFOLIA (LONDON PLANETREE)	2-1/2 - 3" cal.	52
LS	LIQUIDAMBAR STYRACIFLUA (SWEETGUM)	2-1/2 - 3" cal.	29
AR	ACER RUBRUM (RED MAPLE)	2-1/2 - 3" cal.	77
PS	PINUS STROBUS (WHITE PINE)	6' - 8' high	72
PN	PINUS NIGRA (AUSTRIAN PINE)	6' - 8' high	45
CF	CORNUS FLORIDA (WHITE FLOWERING DOGWOOD)	6' - 10' high	7
MH	MALUS HOPEA (HOPA CRAB)	6' - 10' high	18
CP	CRATAEGUS PHOENOPRUM CORDATA (WASHINGTON HAWTHORN)	6' - 10' high	10

PLANTING SPECIFICATIONS

1. ALL PLANT MATERIAL SHALL BE SOUND, HEALTHY, VIGOROUS, FREE FROM PLANT DISEASE NURSERY-GROWN STOCK MEETING REQUIREMENTS AS SPECIFIED.
2. ALL PLANT MATERIAL SHALL BE MOVED WITH ROOT SYSTEMS AS SOLID UNITS WITH BALLS OF EARTH FINELY WRAPPED. DIAMETER AND DEPTH OF BALLS MUST BE SUFFICIENT TO ENCOMPASS FIBROUS AND FEEDING ROOT SYSTEMS. HANDLING SHALL BE FROM BOTTOM OF BALL. TREE SPADE LARGE ENOUGH TO MEET THE DIAMETER AND DEPTH SPECIFICATIONS MAY BE SUBSTITUTED FOR A & B IF MOVING PROCEDURE IS CONTINUOUS. ALL MATERIAL MUST BE GUARANTEED FOR ONE YEAR.
3. ALL PLANT LOCATIONS SHALL BE STAKED AND APPROVED BY THE LANDSCAPE ARCHITECT.
4. PLANTING BACKFILL: FOUR PARTS TOPSOIL, ONE PART DECOMPOSED MUSHROOM MANURE, CATTLE MANURE OR STABLE MANURE PLUS 2 POUNDS OF 10-6-4 FERTILIZER PER CUBIC YARD WELL MIXED.
5. STAKING SHALL BE DONE IMMEDIATELY FOLLOWING PLANTING.
6. LANDSCAPE ARCHITECT HAS THE RIGHT TO REJECT NON-SUITABLE PLANTS.



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 4/14/76

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: *[Signature]* DATE: 4-20-76

APPROVED DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING
 DATE: 4/15/76

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *[Signature]* DATE: 4-12-76

CHIEF BUREAU OF HIGHWAYS
 DATE: 4/17/76

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE: 12-23-75

[Signature]



LANDSCAPE PLANTING PLAN
 CENTURY ENGINEERING, INC. TOWSON, MARYLAND

CLARK • FINEROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 583-3400

DESIGNED: WRMC	SITE DEVELOPMENT PLAN PARCELS 'E', 'F', 'G', 'H' & 'I' COLUMBIA VILLAGE OF CLARY'S FOREST SECTION I AREA 1 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE: 1" = 30'
DRAWN: KWC		DRAWING: E-2FB
CHECKED: WRMC		JOB NO.:
DATE: Oct., 1975		FILE NO.:

FOR: **MATHEWS - PHILLIPS, INC.**
 10750 Columbia Pike, Suite 408
 Silver Spring, Md. 20901