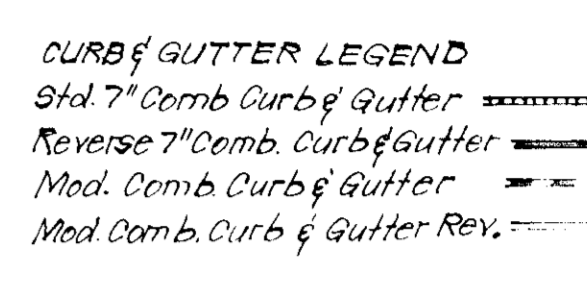
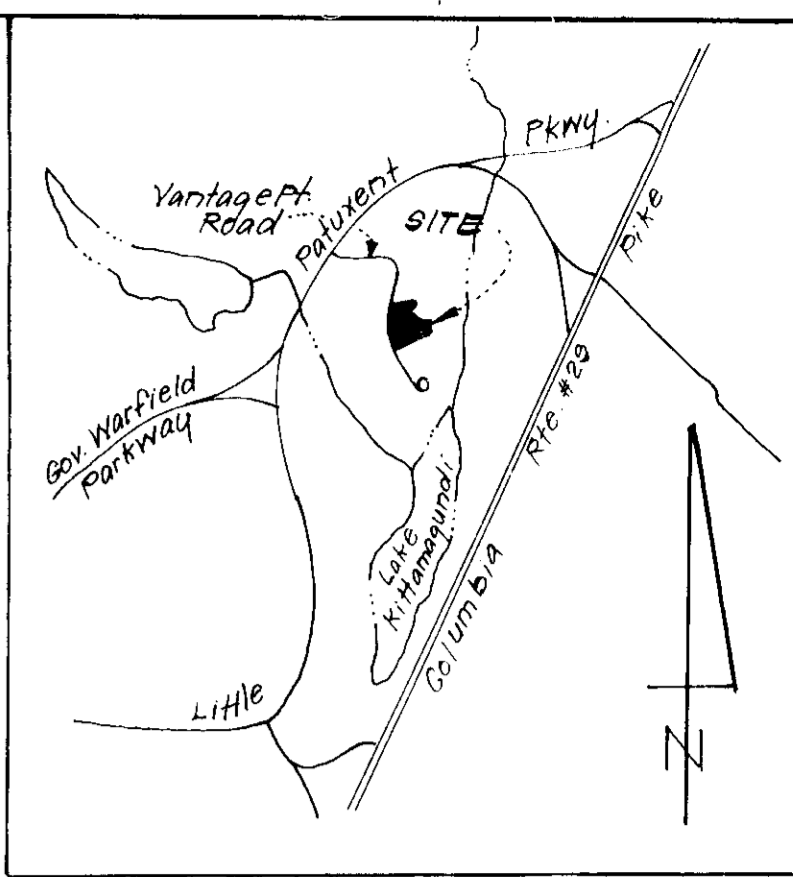


- LEGEND:**
- Contour Interval 2 Ft.
 - Existing Contour -310-
 - Proposed Contour -310-
 - Spot Elevation +105
 - Direction of Drainage -
 - Retaining Wall -
 - Exist. Storm Drain -
 - Prop. Storm Drain -
 - Exist. Sewer Line -
 - Exist. Water Line -
 - Screen Fence Location -



SITE ANALYSIS:

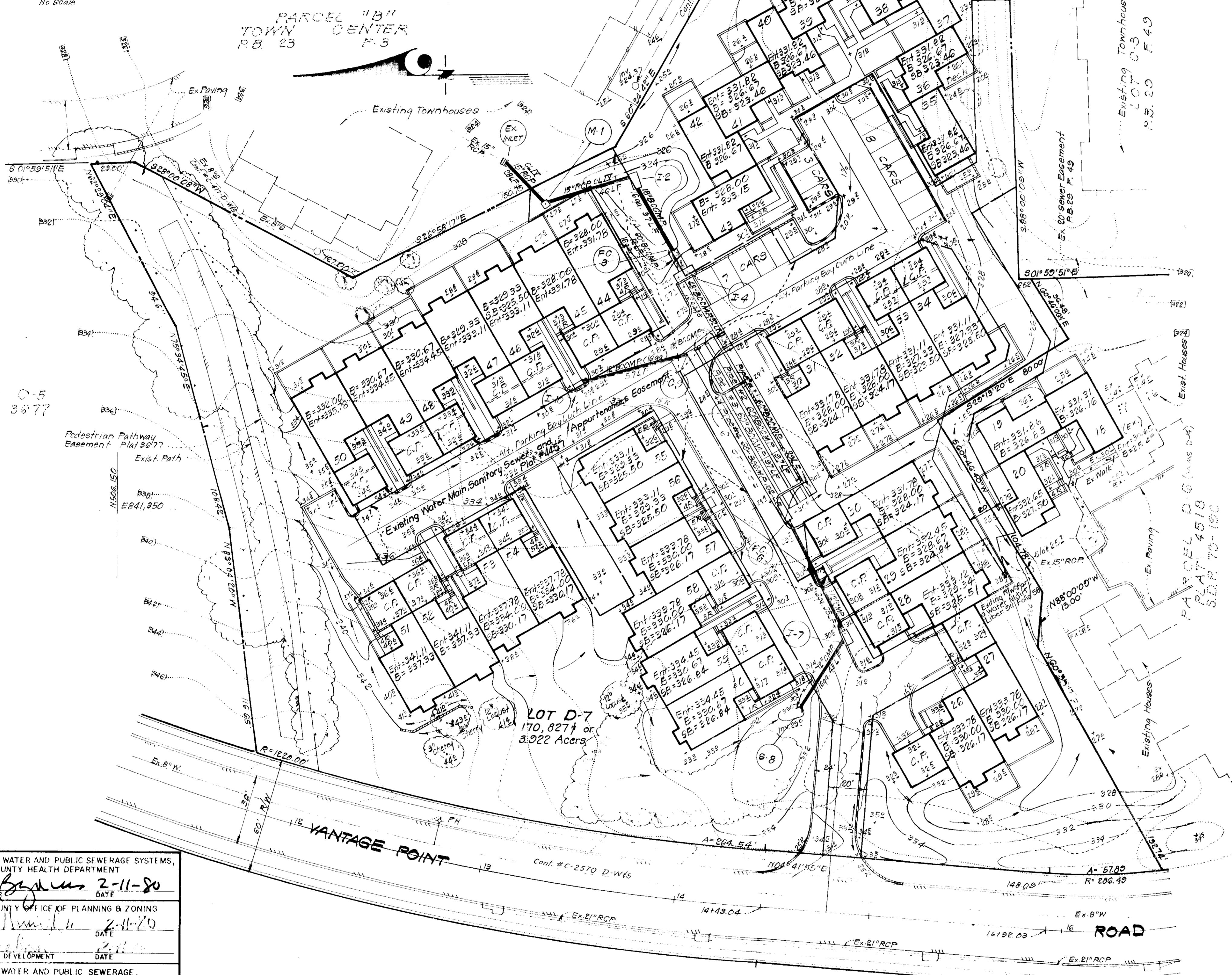
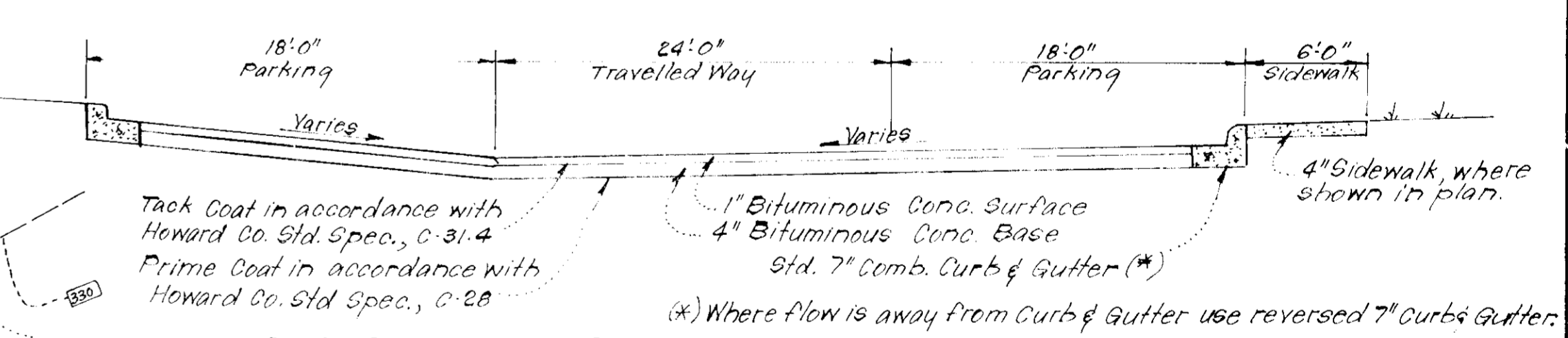
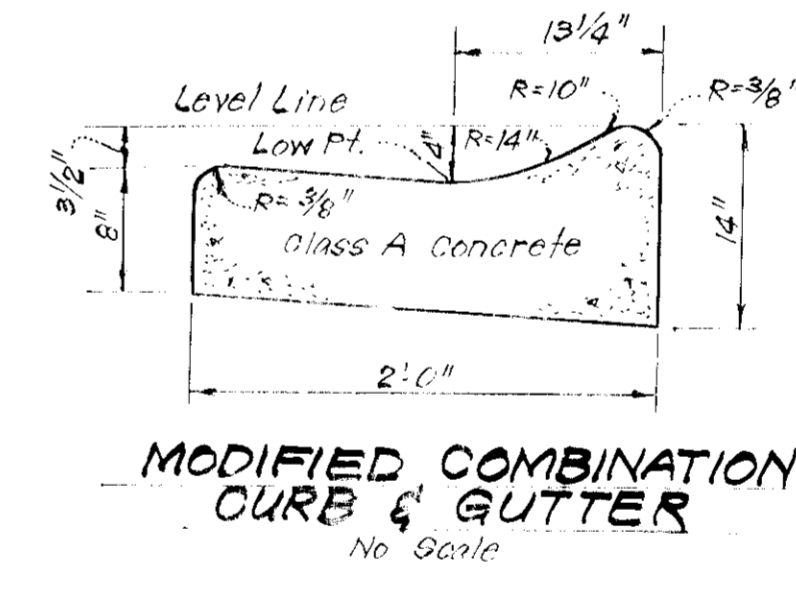
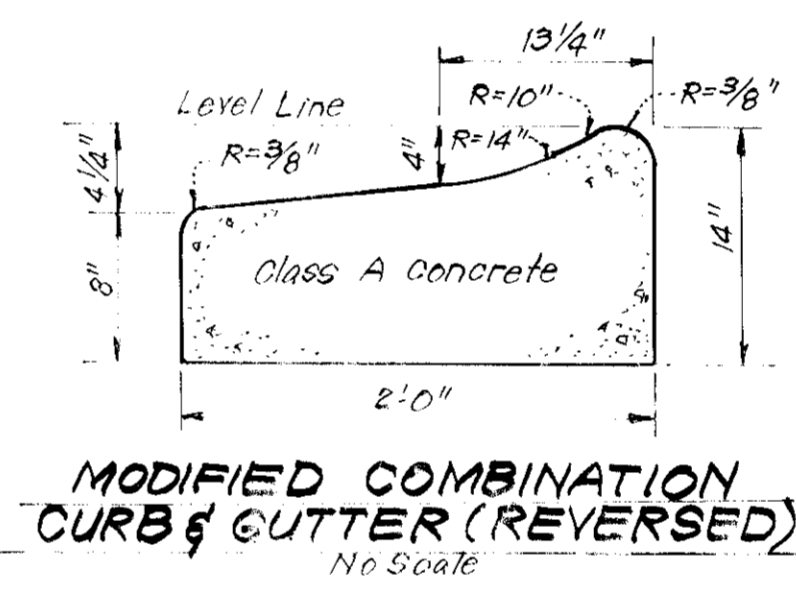
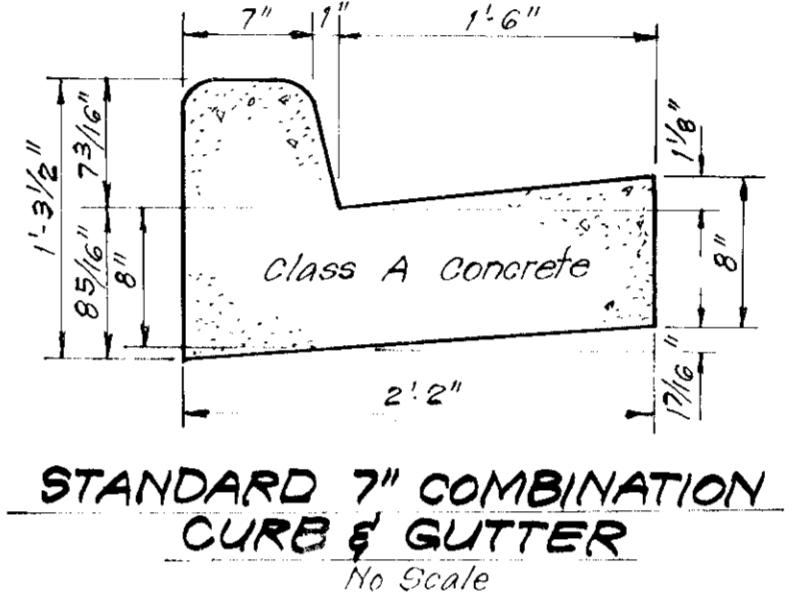
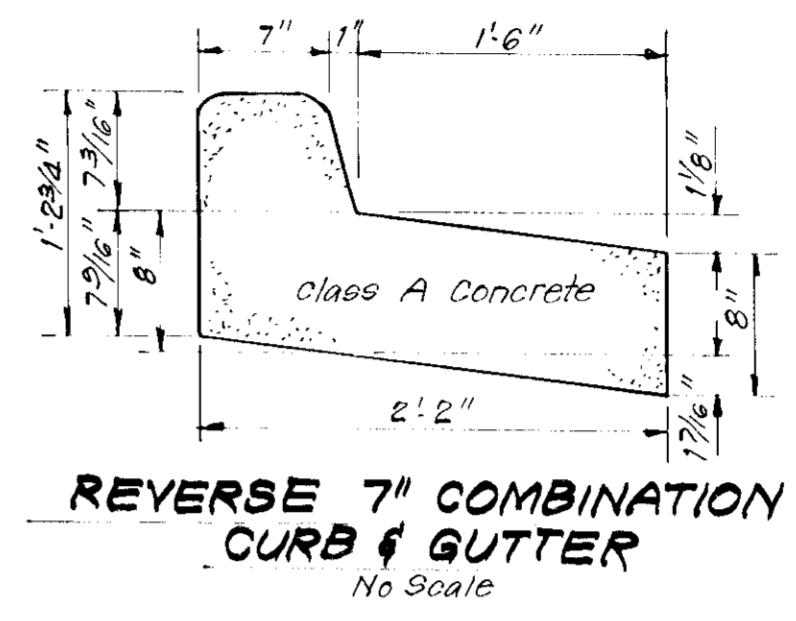
- Zoning: New Town Apartments Land Use
- Area: 3.87 Ac.
- Maximum No. of Units Permitted: 38
- Number of Units Shown: 38
- Number of Parking Spaces Required: 57
- Number of Parking Spaces Provided: 76

Phase	No. of Units	Area	Density	Blq. Coverage
Phase I (Approved SDR 79-19-C)	22	2.18 Ac.	10.0 U/Ac.	26.2%
Phase II (This Plan)	38	3.87 Ac.	9.8 U/Ac.	27.8%
Combined Phase I & II (Lot D-6)	60	6.05 Ac.	9.9 U/Ac.	26%

(30% Max. Allowable)

GENERAL NOTES:

- All materials and construction shall be in accordance with the Howard County Road Construction Code and Specifications.
- Installation of traffic control devices, markings and signing shall be in accordance with the Manual of Uniform Traffic Control Devices, latest edition.
- All parking spaces and travelled ways to be privately owned and maintained.
- This plan is subject to the criteria set forth in Final Development Plan Phase 107 A-2 as recorded in Plat 3054 A-28.
- All coordinates are based on Maryland State Grid System. Elevations are based on U.S. Coast and Geodetic Survey Mean Sea Level Datum of 1929.
- The area covered in this submission is located on Tax Map # 30.
- Public Water and Sewer to be utilized.
- Water and Sewer House Connections shall be installed in accordance with Contr. # 28792 wts as approved by the How. Co. Bureau of Engineering.
- Plat Reference: Plat # 4518
- Any damage to county owned rights of way or paving shall be corrected at the developer's expense.
- Roof Storm Water carried in downspouts will be handled by one of the following methods:
 - Downspout to splash block and discharged to ground having good percolation.
 - Downspout piped to curb.
 - Downspout connected to storm drain.
- The developer agrees to work with the Dept. of Licenses and Road Construction Code and Standard Specifications.
- Concept Plan was approved by the Howard County Planning Board on: March 15, 1978.



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICE DATE 2-11-80
 APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR DATE 2-11-80
 CHIEF DIVISION OF LAND DEVELOPMENT DATE
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR DATE
 CHIEF BUREAU OF ENGINEERING DATE

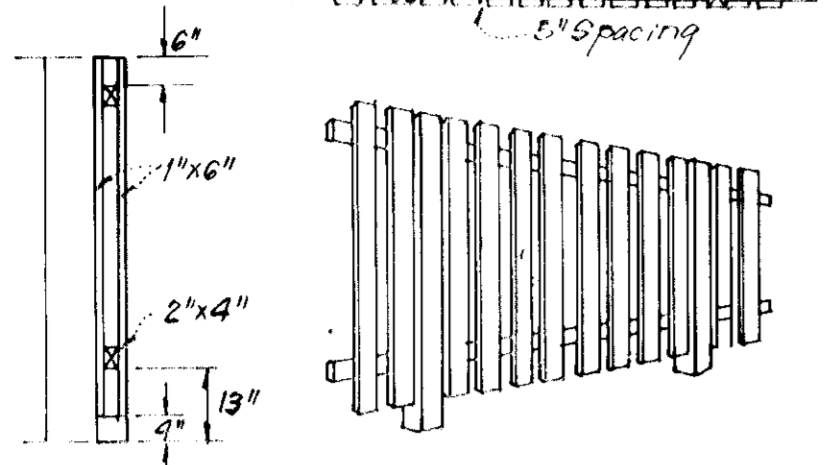
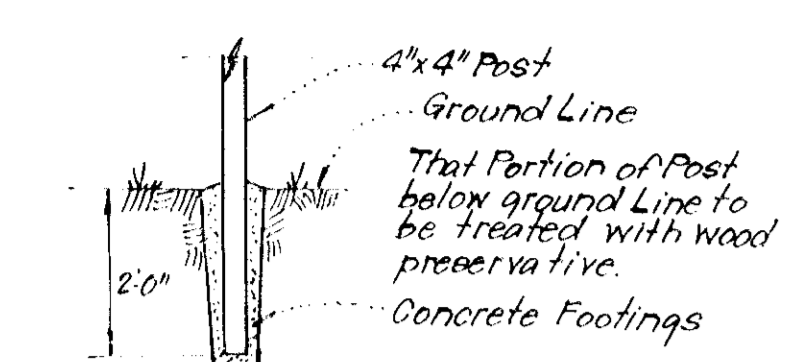


8-15-79
 12-13-79

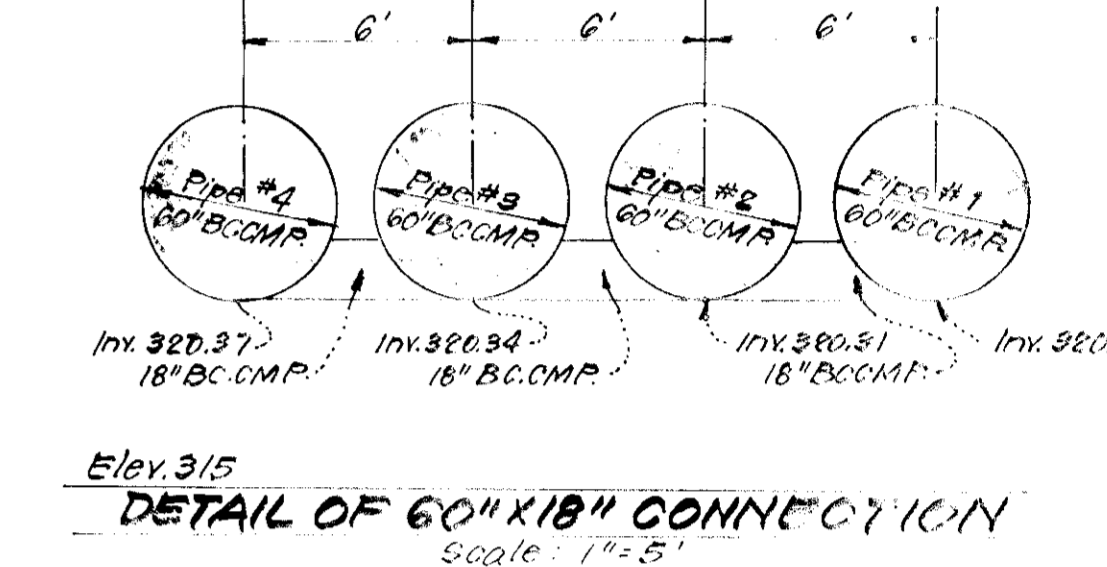
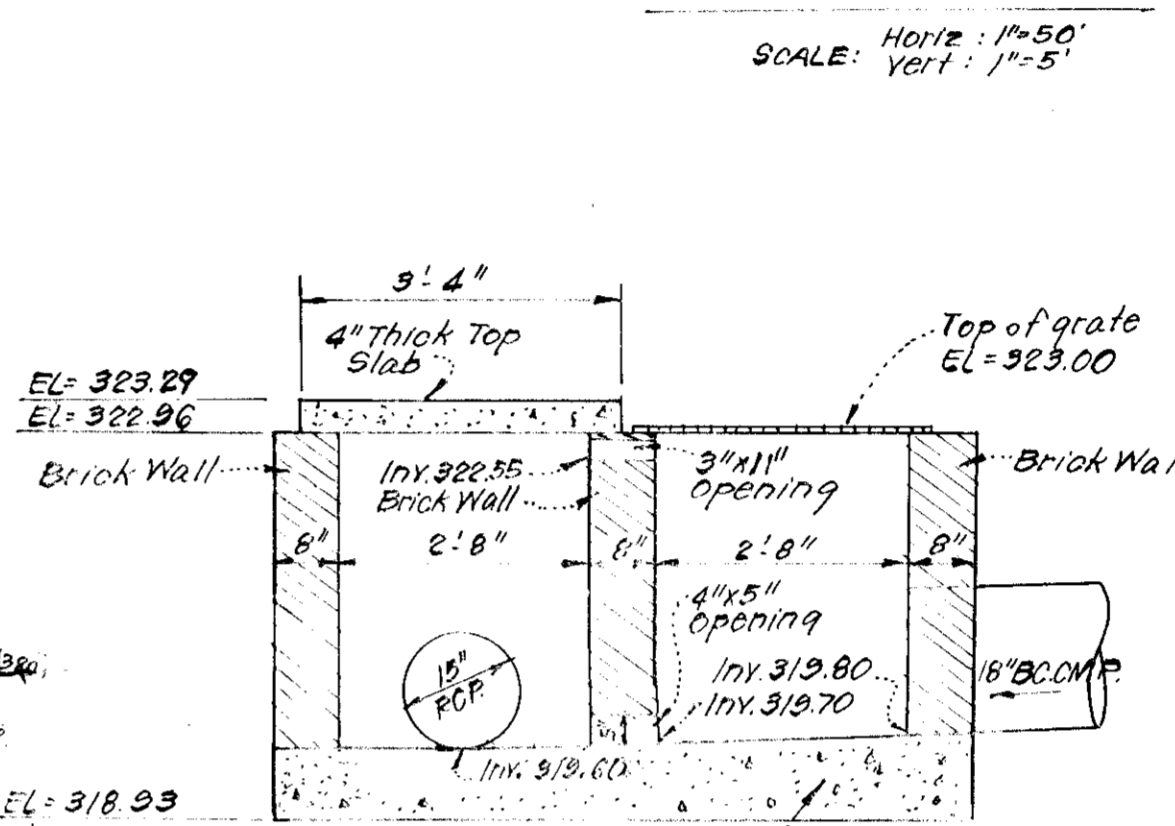
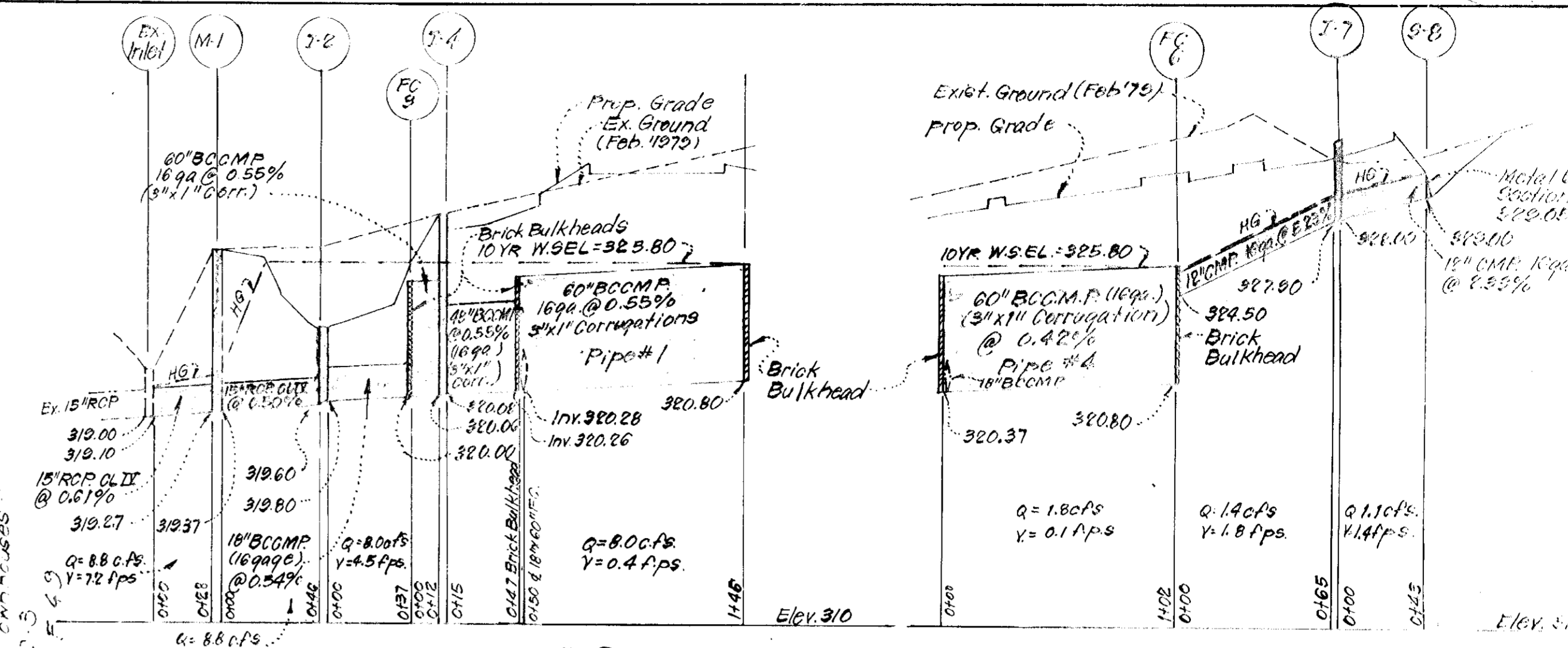
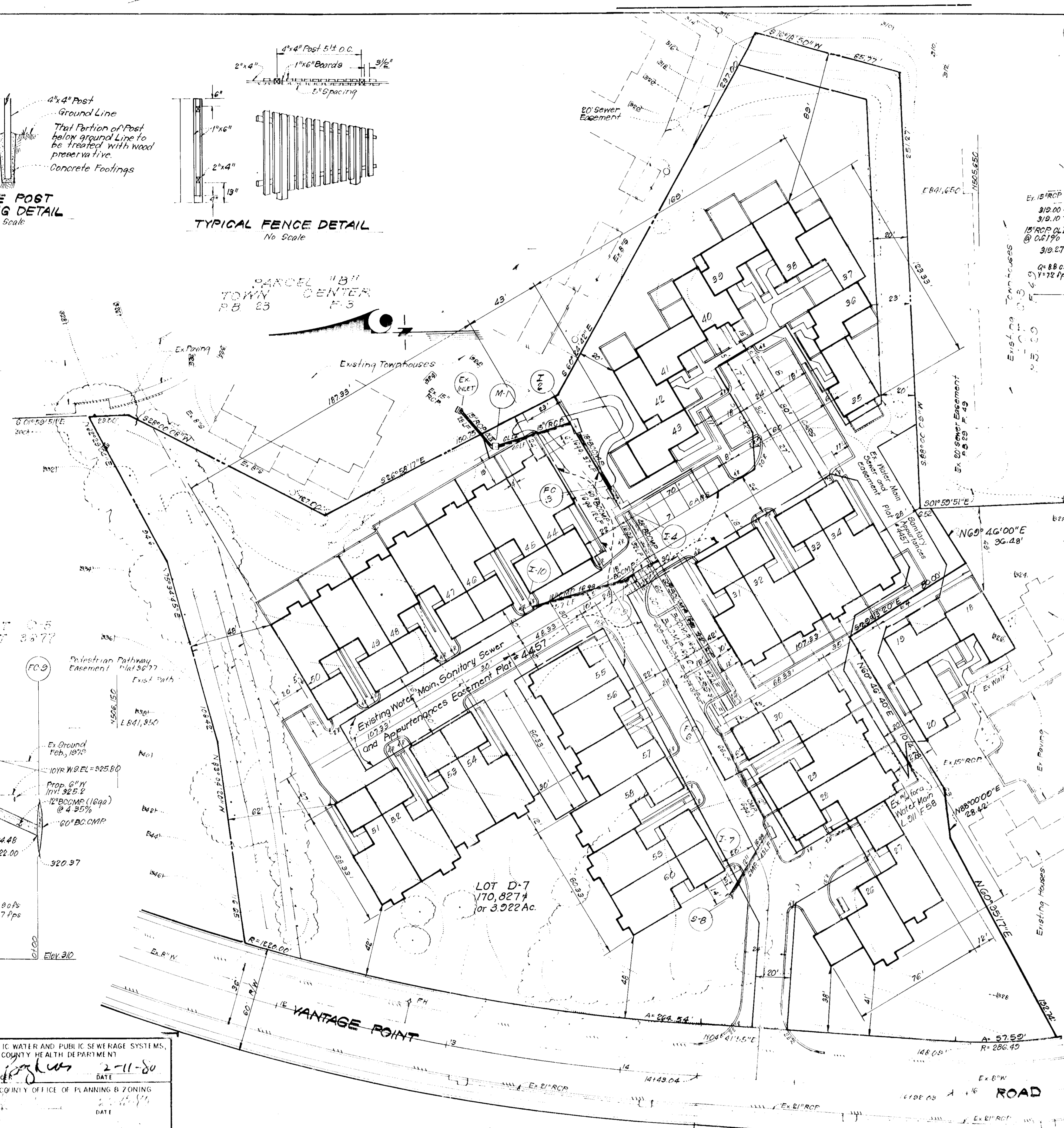
CLARK • FINEBROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11315 LUCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED	W.H.T.	SITE DEVELOPMENT PLAN	SCALE
DRAWN	K.I.W.	LOTS D-6 & D-7 A RESUBDIVISION OF LOT D-5	1" = 30'
CHECKED	W.H.T.	COLUMBIA	DRAWING
DATE	June, 1979	TOWN CENTER	162-5
		SECTION 7 AREA 7	JOB NO.
		5TH ELECTION DISTRICT	78-182
		HOWARD COUNTY, MARYLAND	FILE NO.
		FOR: CONTEMPO HOMES, INC. (OWNER)	78-983-X
		10025 Roy, Warfield Pkwy, Suite 407	
		Columbia, MD • 21044	

SDP-80-04C HC-PFC-964



PARCEL 11511
TOWN CENTER
PB 23

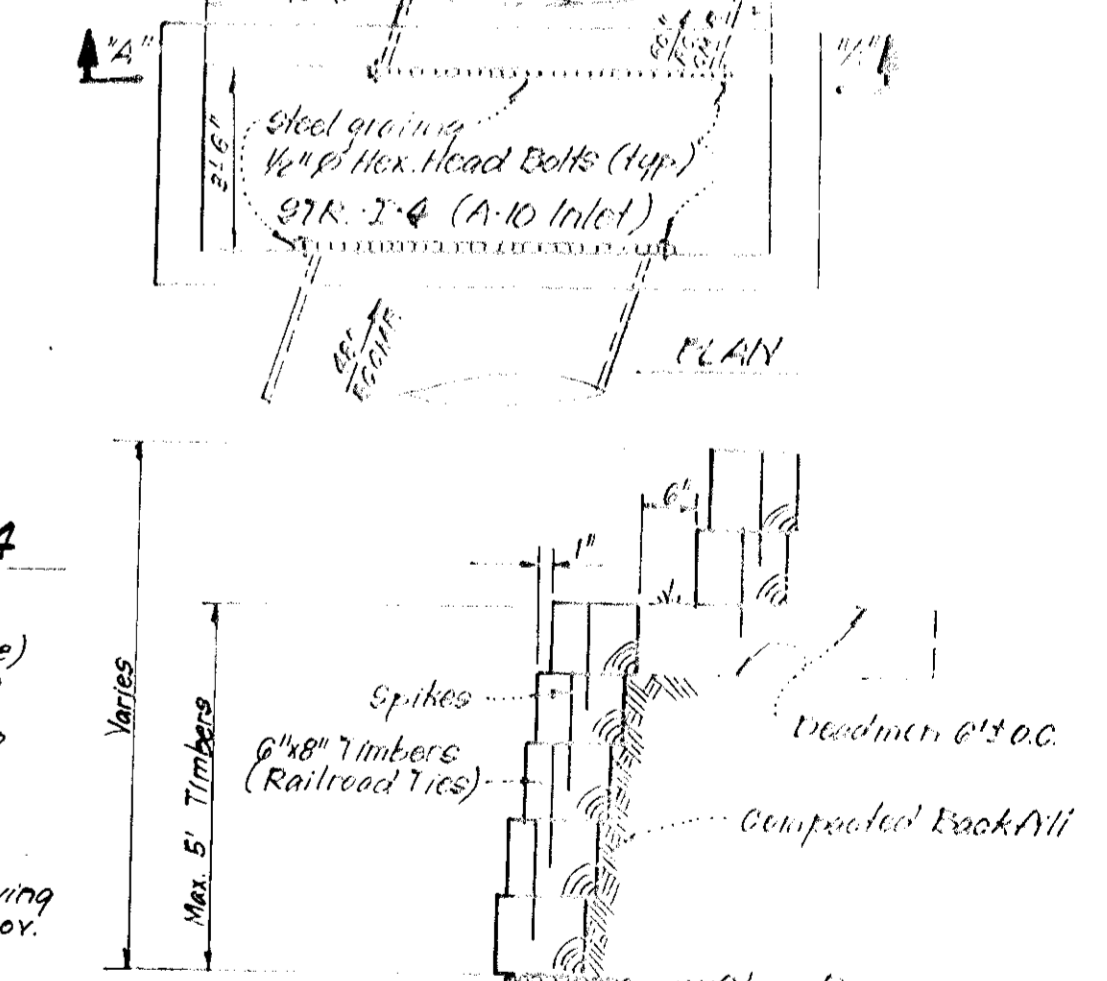
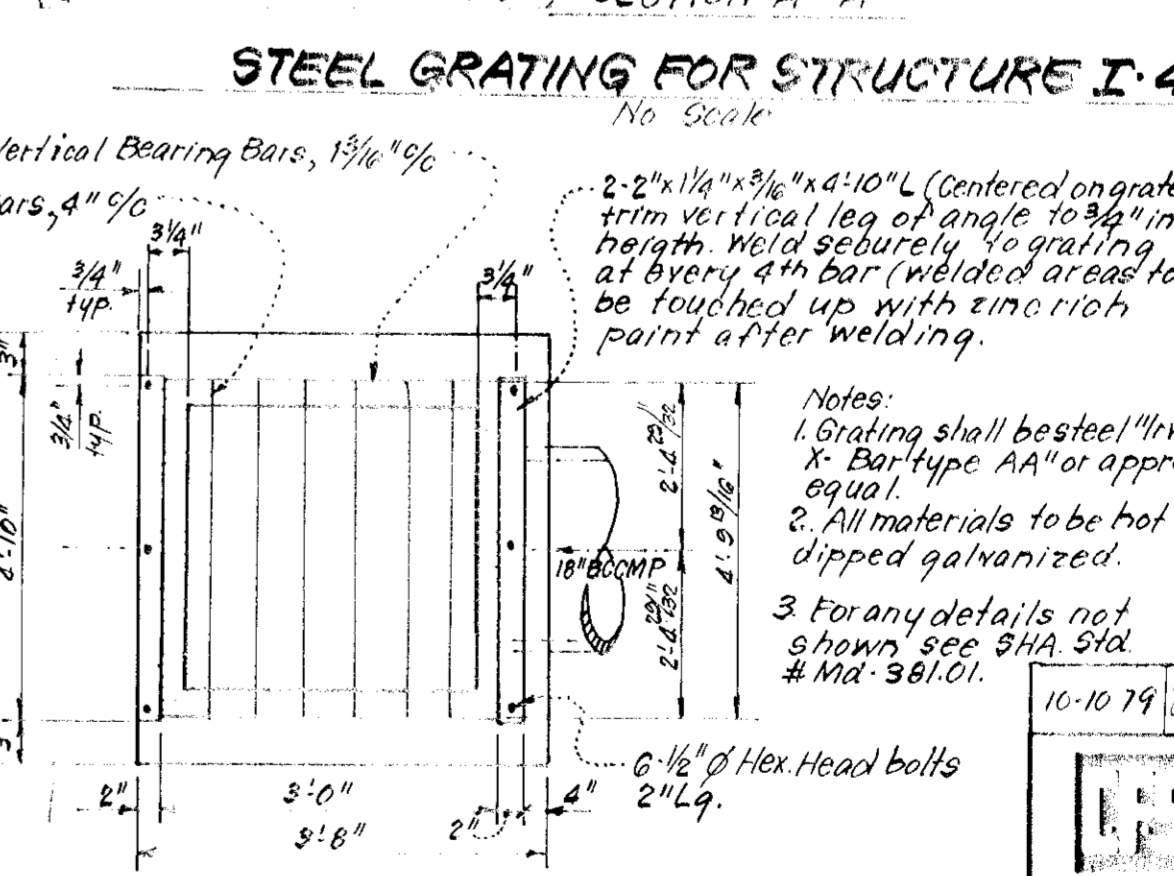
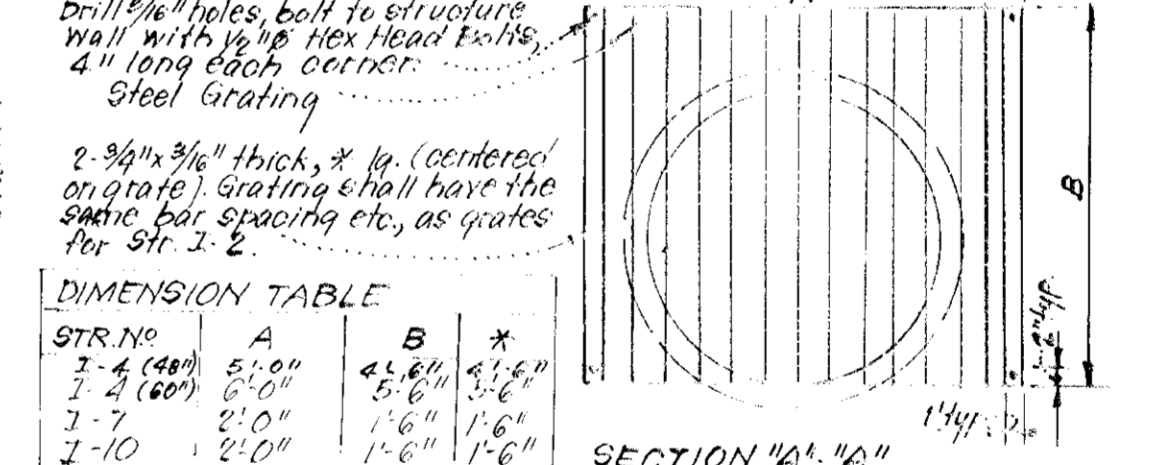


PIPE SCHEDULE

SIZE	TYPE	CLASS
18"	60" C.M.P. (10 page)	CLASS IV
24"	60" C.M.P. (10 page)	CLASS IV
30"	60" C.M.P. (10 page)	CLASS IV
36"	60" C.M.P. (10 page)	CLASS IV
42"	60" C.M.P. (10 page)	CLASS IV
48"	60" C.M.P. (10 page)	CLASS IV
54"	60" C.M.P. (10 page)	CLASS IV
60"	60" C.M.P. (10 page)	CLASS IV

STRUCTURE SCHEDULE

NO.	TYPE	INVERT	UPPER	LOWER	REMARKS	LOCATION
# 1-2	Special (see detail)	319.60	319.60	320.00	Mod. B Manhole 6" x 4" (see detail above)	Sec 1 Plan
# 3-4	I-rigid Connection	320.00	320.00	320.00	Connect into Brick Bulkhead	Sec 1 Plan
# 5-6	A-10 Inlet	320.00	320.00	327.90	No. Co. Sid. Fig. 4-08 W:5'0"	Sec 1 Plan
# 7-8	B Manhole	319.40	319.80	326.50	No. Co. Sid. Fig. 3-05 48" Eq.	Sec 1 Plan
# 9-10	I-rigid Connection	324.00	324.10	327.90	Connect into Brick Bulkhead	Sec 1 Plan
# 11-12	A-5 Inlet	328.00	327.90	331.20	No. Co. Sid. Fig. 4-01 W:3'0"	Sec 1 Plan
# 13-14	Manhole (see detail)	328.00	328.00	328.00	No. Co. Sid. Fig. 3-05 48" Eq.	Sec 1 Plan
# 15-16	I-rigid Connection	327.00	327.00	330.90	60" x 18" I-rigid connection	Sec 1 Plan
# 17-18	A-10 Inlet	324.00	324.00	330.90	No. Co. Sid. Fig. 4-08 W:5'0"	Sec 1 Plan

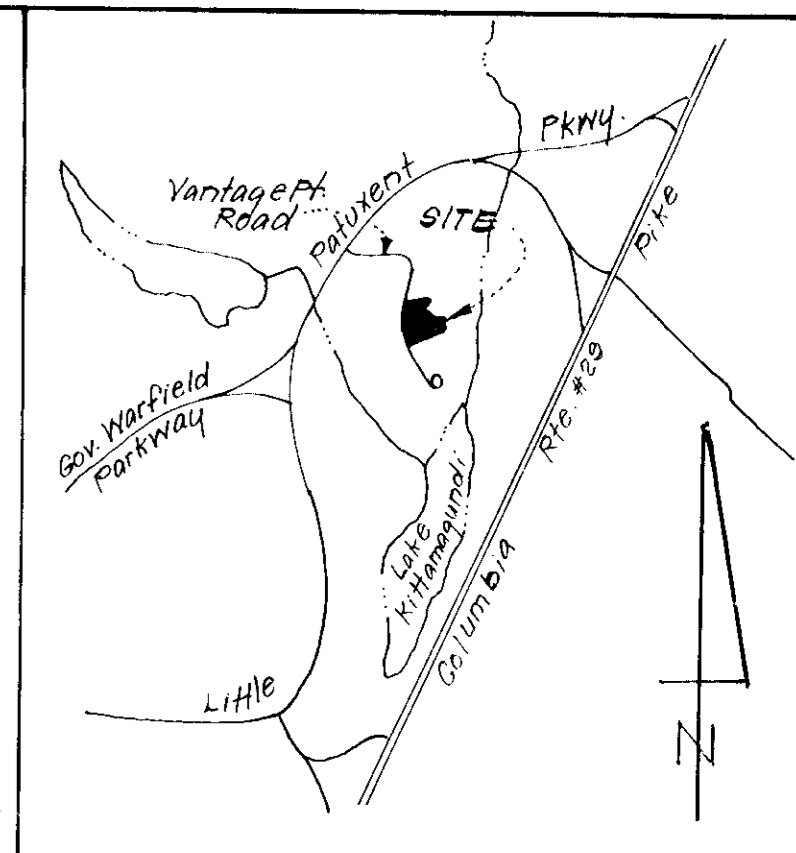


APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 2-11-80
APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE: 2-11-80
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 2-11-80

8-15-79
12-13-79

CLARK • FINEROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
DESIGNED BY: J.L.S.
DRAWN BY: J.L.S.
CHECKED BY: J.L.S.
DATE: June, 1979
SCALE: 1"=30'
SHEET: 2 of 6
JOB NO: 78-982
FILE NO: 78-002-A
SDP-80-04C

- LEGEND:**
- 1. Contour Interval 2'±
 - 2. Existing Contour 1:10
 - 3. Proposed Contour 1:10
 - 4. Spot Elevation 1:10
 - 5. Direction of Drainage →
 - 6. Retaining Wall [Symbol]
 - 7. Exist. Storm Drain [Symbol]
 - 8. Prop. Storm Drain [Symbol]
 - 9. Exist. Sewer Line [Symbol]
 - 10. Exist. Water Line [Symbol]
 - 11. Screen Fence Location [Symbol]



- CURB & GUTTER LEGEND**
- Std. 7" Comb. Curb & Gutter [Symbol]
 - Reverse 7" Comb. Curb & Gutter [Symbol]
 - Mod. Comb. Curb & Gutter [Symbol]
 - Mod. Comb. Curb & Gutter Rev. [Symbol]

- 1. Perimeter Dike [Symbol]
- 2. Straw Bale Dike or Silt Fence [Symbol]
- 3. Stone Filter Inlet Protection [Symbol]
- 4. Stabilized Construction Entrance [Symbol]

Reviewed for HOWARD S.C.D.
Name
and meets Technical Requirements
James M. Adams 12-20-77
Signature Date
U.S. Soil Conservation Service

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

William J. Rowe 12/17/77
Approved 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 will 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.

Christopher O. Blubb 7/15/79
Date

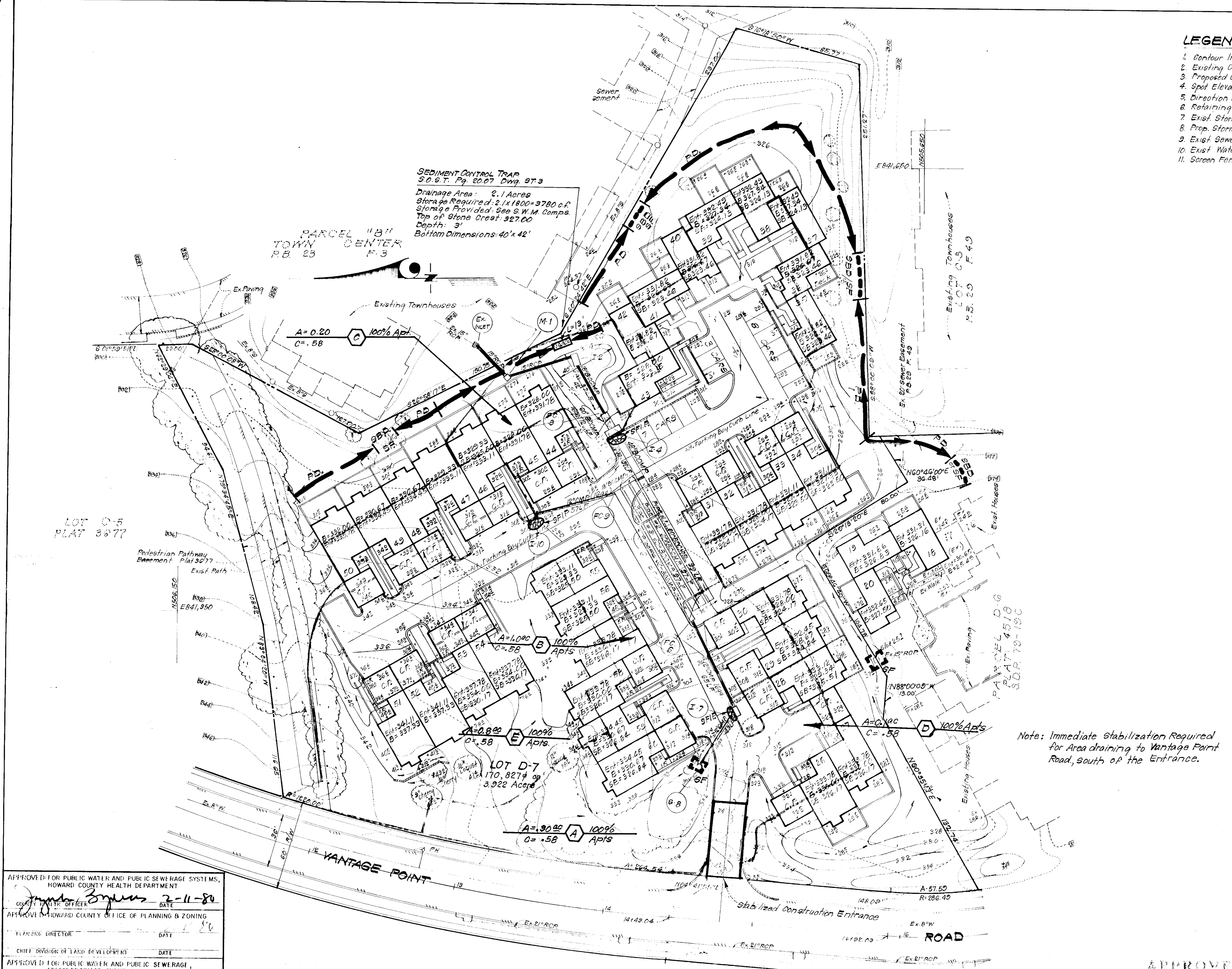
ENGINEER'S CERTIFICATE

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.

John Clark 7-9-79
Date



Note: Immediate stabilization Required for Area draining to Vantage Point Road, south of the Entrance.



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
James Zayas 2-11-80
DATE

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR DATE

CHIEF DIVISION OF LAND DEVELOPMENT DATE

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

CHIEF BUREAU OF ENGINEERING DATE

APPROVED
PLANNING BOARD
FOR HOWARD COUNTY
DATE 8-15-79

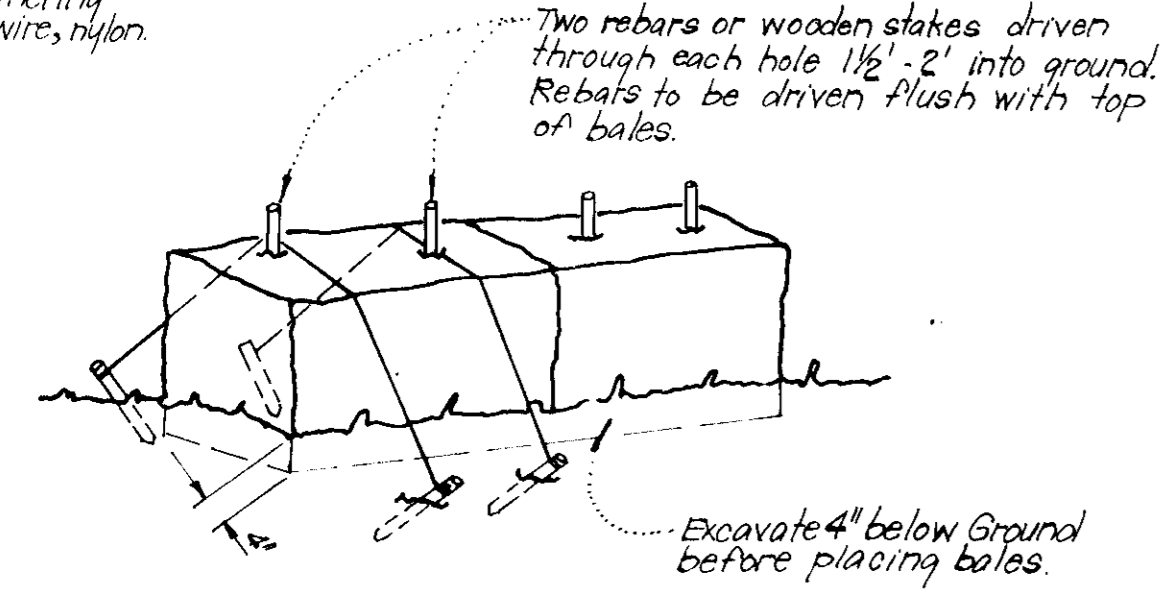
Plot Reference # 4518

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11435 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 583-3800

DESIGNED J.L.S.	SEDIMENT & EROSION CONTROL PLAN LOTS D-6 & D-7 A RESUBDIVISION OF LOT D-5 COLUMBIA TOWN CENTER SECTION 7 CENTER 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: CONTEMPO HOMES, INC. (INCORP) 10025 GUY WARFIELD PKWY, SUITE 407 COLUMBIA, MD. 21044	SCALE 1" = 30'
DRAWN		DRAWING 3 of 5
CHECKED K.W.		JOB NO. 78-983
DATE J.L.S. June 1979		FILE NO. 78-983SE

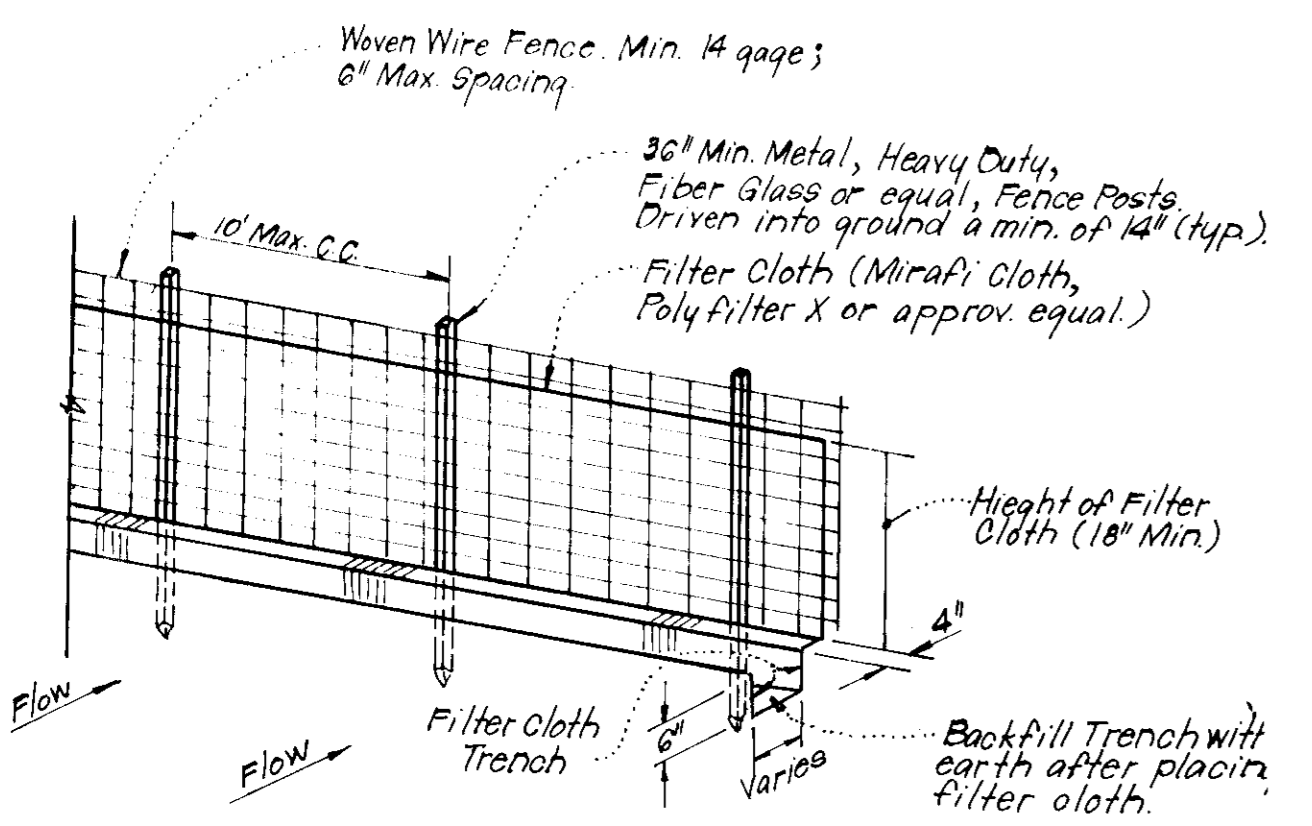
SDP-80-04

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



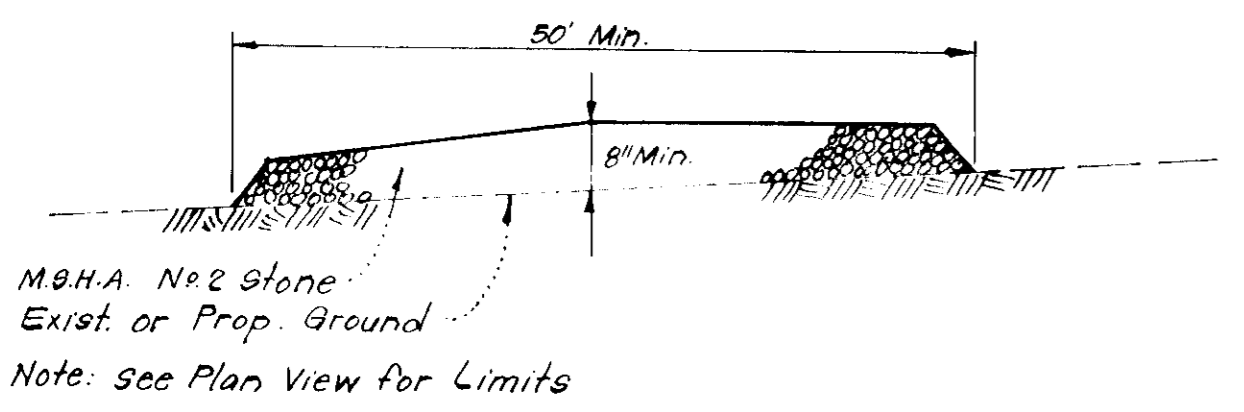
Note:
1. In lieu of the use of rebar each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above.)

TYPICAL STRAW BALE DIKE DETAIL (S.B.D.)
No Scale

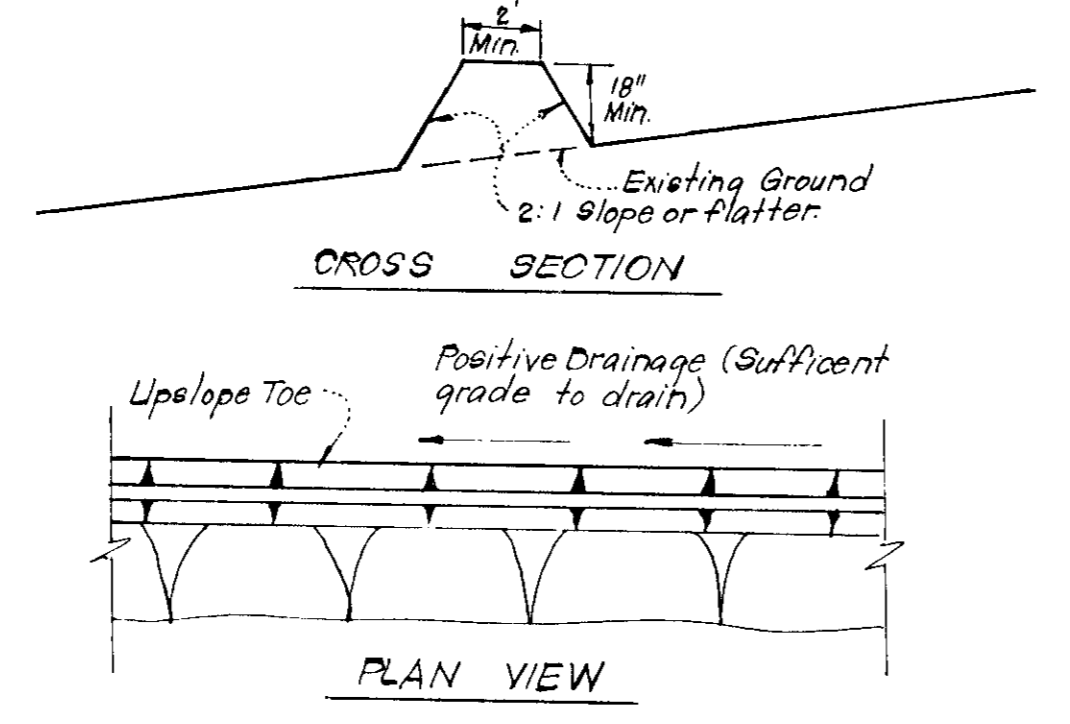


Notes:
1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
2. Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24"

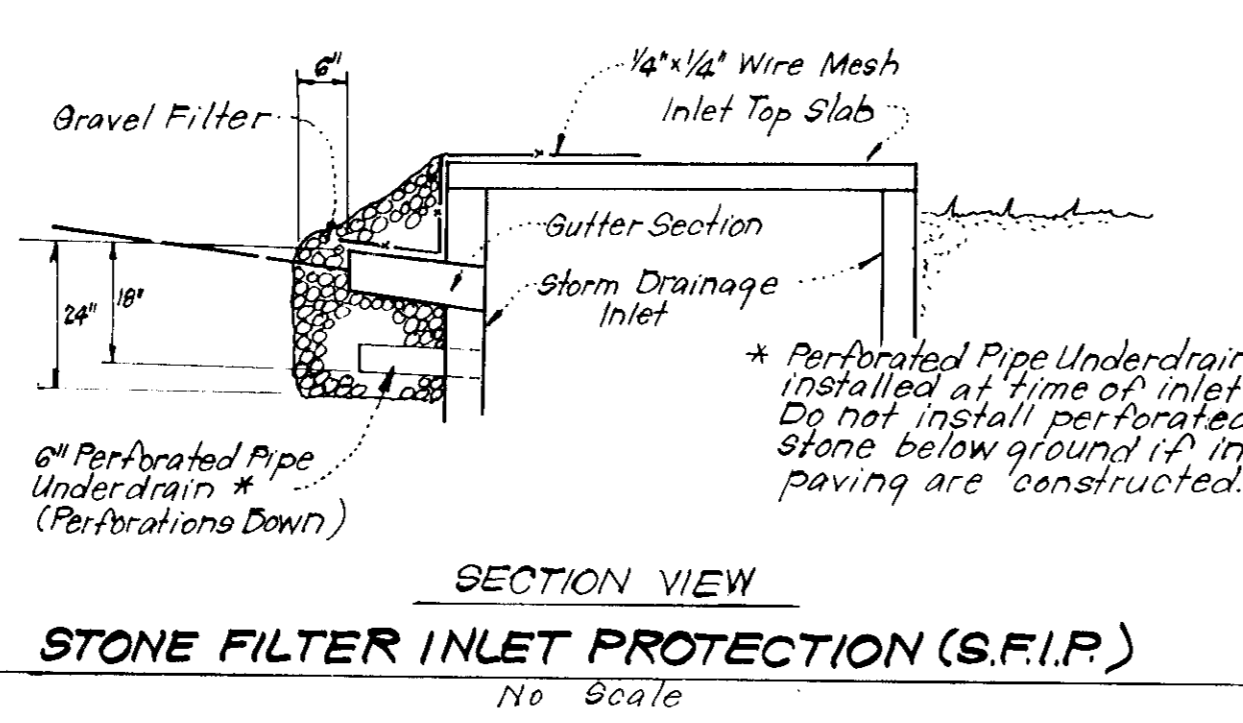
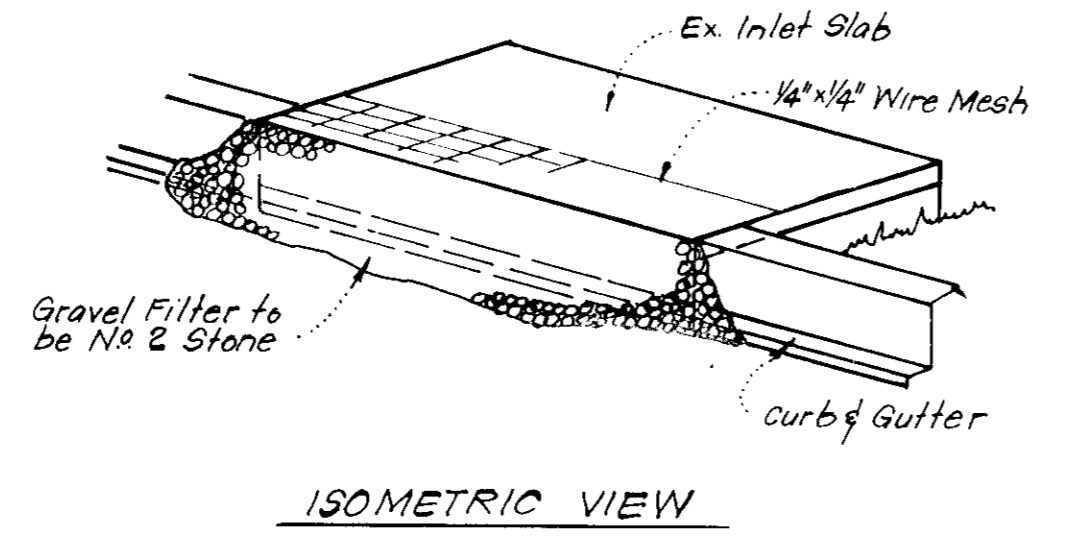
TYPICAL SILT FENCE DETAIL (S.F.)
No Scale



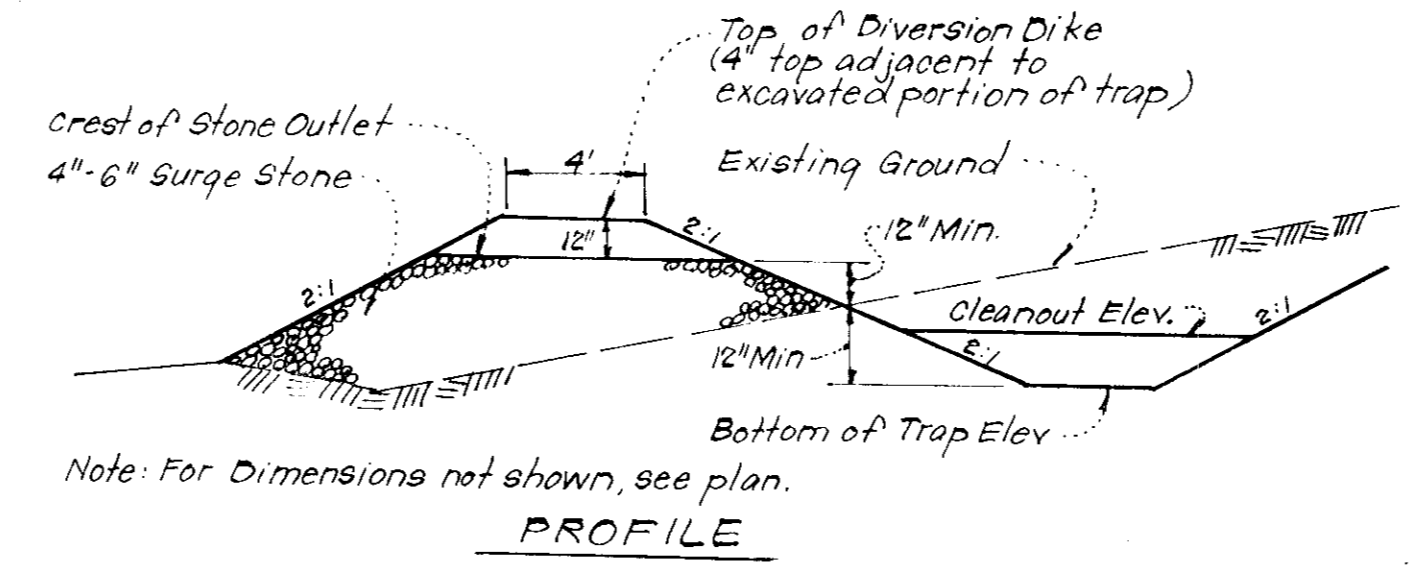
STABILIZED CONSTRUCTION ENTRANCE
No Scale



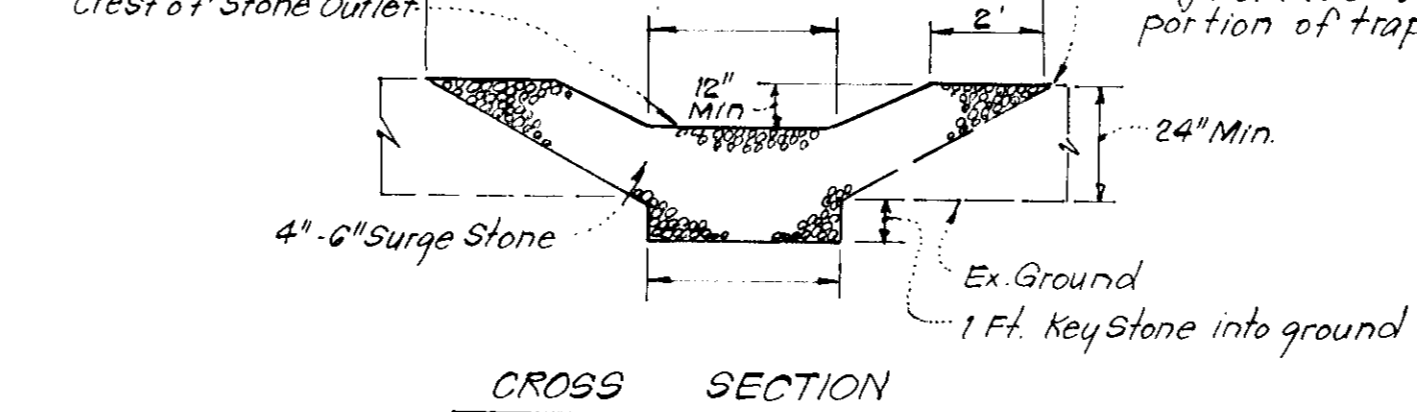
TYPICAL PERIMETER DIKE DETAIL (P.D.)
No Scale



STONE FILTER INLET PROTECTION (S.F.I.P.)
No Scale



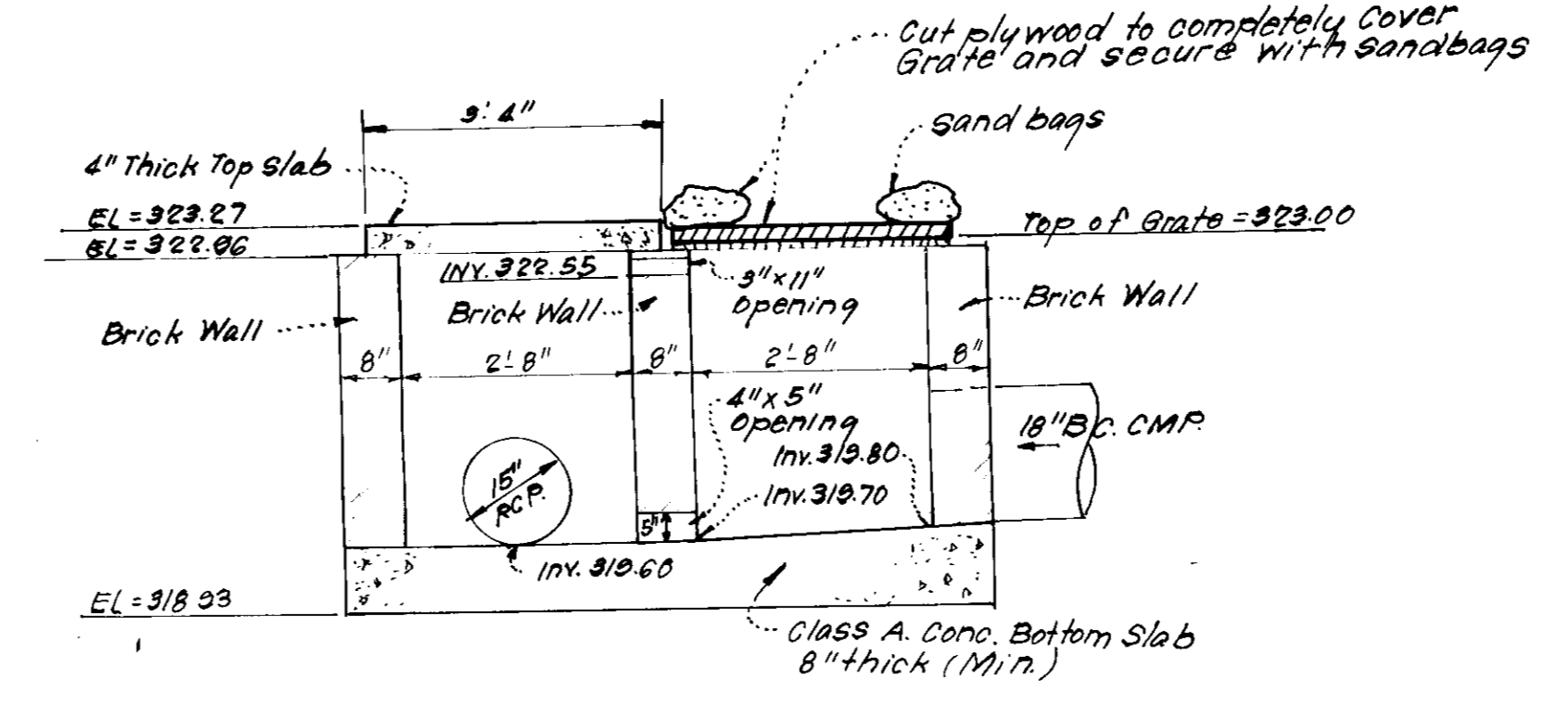
PROFILE



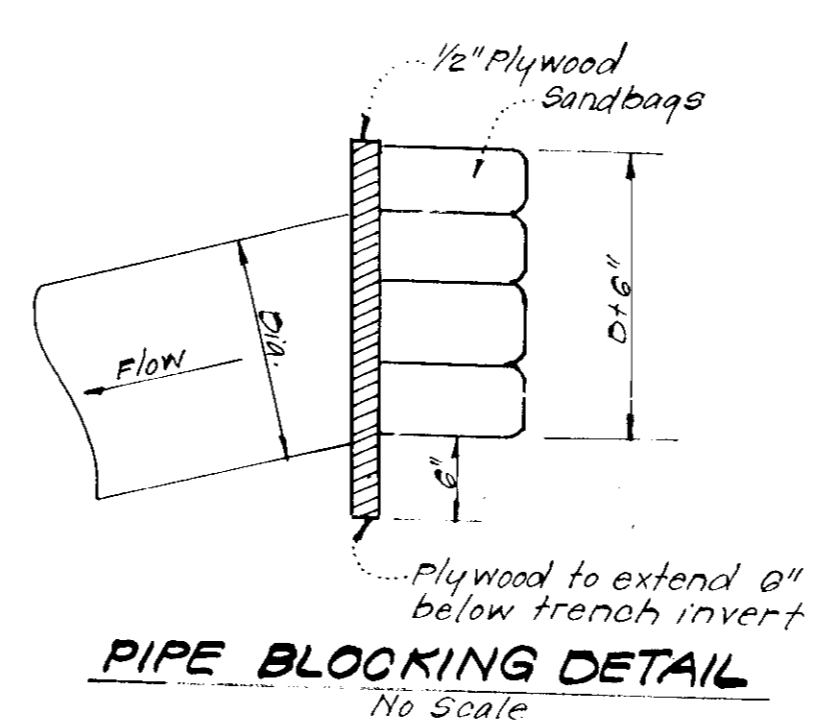
CROSS SECTION

Notes:
1. Sediment Trap to be cleaned out when sediment reaches a level of 1 ft. below crest of stone outlet.
2. Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.
3. Stone Outlet to be constructed through diversion dike adjacent to excavated portion of sediment trap.

DETAILS OF STONE FILTER OUTLET (FOR STONE OUTLET SEDIMENT TRAP)
No Scale



BLOCKING DETAIL FOR STR. NO. 1-2
No Scale



PIPE BLOCKING DETAIL
No Scale

GENERAL NOTES

- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
- 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 #6 for stabilization except that the seed mixture will be annual rye applied at a rate of 1.4 lbs/1000 sq. ft.
- Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work.
- All Sediment Control Practices to conform to the "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas" and shall be adjusted to meet actual field conditions.
- Stabilization of Disturbed ground to be done as soon after construction as possible.
- All grading shall be treated in accordance with the following Specifications:
A. Seed - certified 85% germination applied at the rate of 3 lbs/1000 sq. ft. Mixture - 40% Kentucky Blue, 20% Chewings Fescue, 20% Kentucky 31 and 20% annual rye.
B. Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sq. ft. Ground Agricultural Lime or Dolomitic Lime applied at a rate of 46 lbs/1000 sq. ft.
C. Mulch - Weed free grain straw applied at a rate of 46 lbs/1000 sq. ft. Mulch shall be secured to the ground by any approved method i.e. asphalt tacks, chemical binder, etc.
D. All Soil used shall be Maryland State Certified.
- All Structural Sediment Control Measures are to remain in place until permission for their removal has been obtained from the Bureau of Inspections and Permits.
- On-Site Inspection and Maintenance of all Sediment Control Measures including clean out of Sediment Traps and dikes, and proper establishment of all planned vegetation measures will be the responsibility of the developer or his representative on the site, on a continuing day to day basis.
- It will be the developers responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Stabilized Construction Entrances shall be placed at all construction entrances.
- Approval of this plan is conditional upon the approval of Sediment Control Plan for the off-site waste or borrow area prior to the impact of any borrow or export of waste to or from this site.
- Total Amount of Straw Bales or Silt Fence shown = 120 LF

14. SITE ANALYSIS:
- | | | |
|----------------------|-------|-------|
| A. Total Area | 3.867 | Acres |
| B. Area to be Roofed | 1.087 | Acres |
| C. Area to be Paved | 0.847 | Acres |
| D. Area to be Seeded | 1.079 | Acres |
| E. Area Undisturbed | 0.854 | Acres |
15. CONSTRUCTION SEQUENCE:
- Install Sediment and Erosion Control Devices and Stabilize Perimeter Dikes
 - Grade Site to provide positive drainage to Sediment & Erosion Control Devices and to properly construct storm drainage.
 - Install S.F.I.P.s and S.B.D.s/S.F.s at Storm Drain Inlets as shown in plan.
 - Block Inlet 1-2 as per detail, this sheet.
 - Excavate for foundations and install remaining utilities.
 - Erect Houses and install paving & sidewalks.
 - Final Grade and stabilize in accordance with note #6.
 - Regrade Sediment Trap to conform to Storm Water Management Pond and stabilize in accordance with note #6.

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 8-15-79

Plot Reference # 4518

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

DESIGNED J.L.S.	SEDIMENT & EROSION CONTROL PLAN LOT D-6 & D-7 A RESUBDIVISION OF LOT D-5 COLUMBIA TOWN CENTER SECTION 7 AREA 7 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: CONTEMPO HOMES, INC. (OWNER) 10025 Gov. Warfield Pkwy, Suite 407 Columbia, Md. 21044	SCALE As Shown DRAWING 4 of 5 JOB NO. 78-983 FILE NO. 78-983-SE
DRAWN K.I.W.		
CHECKED J.L.S.		
DATE June, 1979		

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

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

Reviewed for _____ S.C.D.
Name _____
and meets Technical Requirements
Signature _____ Date 12-20-79
U.S. Soil Conservation Service

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

William T. Rowe 12/21/79
Approved 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.

Christopher O. Stubbs 7/5/79
Signature Date

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.

G. Nelson Clark 7-9-79
Signature Date





PLANT SCHEDULE

KEY	PLANT NAME	SIZE	QUANT	REMARKS
⊕	ACER RUBRUM 'OCTOBER GLORY' OCTOBER GLORY MAPLE #2116	2 1/2-3' CAL 12-14' HT.	17	BIB HEAVY HEADS
⊖	QUERCUS RUBRA RED OAK	2 1/2-3' CAL 12-14' HT.	6	" " "
⊗	QUERCUS T. INERMIS 'SHADEMASTER' SHADEMASTER LOCUST (PAT. #1515)	2 1/2-3' CAL 12-14' HT.	10	" " "
⊕	QUERCUS PALUSTRIS PIN OAK	2 1/2-3' CAL 12-14' HT.	16	" " "
⊖	SOPHORA JAPONICA 'REGENT' #2336 REGENT SCHOLARTREE	2 1/2-3' CAL 11-13' HT.	9	" " "
⊕	PRUNUS SERRULATA KWANZAN KWANZAN FLOWERING CHERRY	2-2 1/2' CAL 8-10' HT.	17	BIB HEAVY HEADS
⊗	AMELANCHIER CANADENSIS SHADOW SERVICEBERRY CLUMP	8-10' HT CLUMP	14	BIB HEAVY 3-5 STEM CLUMP
⊕	PINUS NIGRA AUSTRIAN PINE	6-7' HT.	22	BIB HEAVY
⊕	PINUS NIGRA AUSTRIAN PINE	7-8' HT.	20	" " "
⊕	PINUS STROBUS WHITE PINE	4-8' HT.	7	" " "
⊕	PINUS STROBUS WHITE PINE	8-10' HT.	14	" " "
A	TAXUS BREVIFOLIA COMPACT SPREADING YEW	18-24' SP.	34	BIB HEAVY
B	EUONYMUS SIEBOLDIANA SIEBOLD EUONYMUS	18-24' HT.	34	" " "
C	EUONYMUS ALATUS COMPACTUS COMPACT WINGED EUONYMUS	2-3' HT.	5	" " "
D	CORNUS STOLONIFERA RED OSIER DOGWOOD	2-3' HT.	20	" " "

NOTE: ALL PLANT MATERIAL AND PLANTING PROCEDURES SHALL BE IN COMPLIANCE WITH STANDARD HRD COLUMBIA PLANTING SPECIFICATIONS. CONTRACTOR SHALL VERIFY UNDERGROUND UTILITY LOCATIONS PRIOR TO DIGGING. PLANT MATERIAL SUBSTITUTIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT.

Plot Reference # 4518

CLARK • FINEPROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

LANDSCAPE PLANTING PLAN
SEVILLE SQUARE PHASE II
COLUMBIA
LOTS D-6 & D-7 A RESUBDIVISION OF LOT D-5
TOWN CENTER SECTION 7 AREA 7
5TH ELECTION DISTRICT, HOWARD COUNTY MARYLAND
FOR: CONTEMP HOME, INC. OWNER
10025 GOVERNOR WARFIELD PARKWAY SUITE 407
COLUMBIA, MD 21044

DESIGNED: MEYER
DRAWN: MEYER
CHECKED: MEYER
DATE: 8-31-78

SCALE: 1"=30'
DRAWING: 5045
JOB NO.:
FILE NO.: 78-98319

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 2-11-80

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR: [Signature] DATE: 2-11-80
CHIEF DIVISION OF LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR: [Signature] DATE: 2-7-80
CHIEF BUREAU OF ENGINEERING

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 8-15-79
[Signature]

