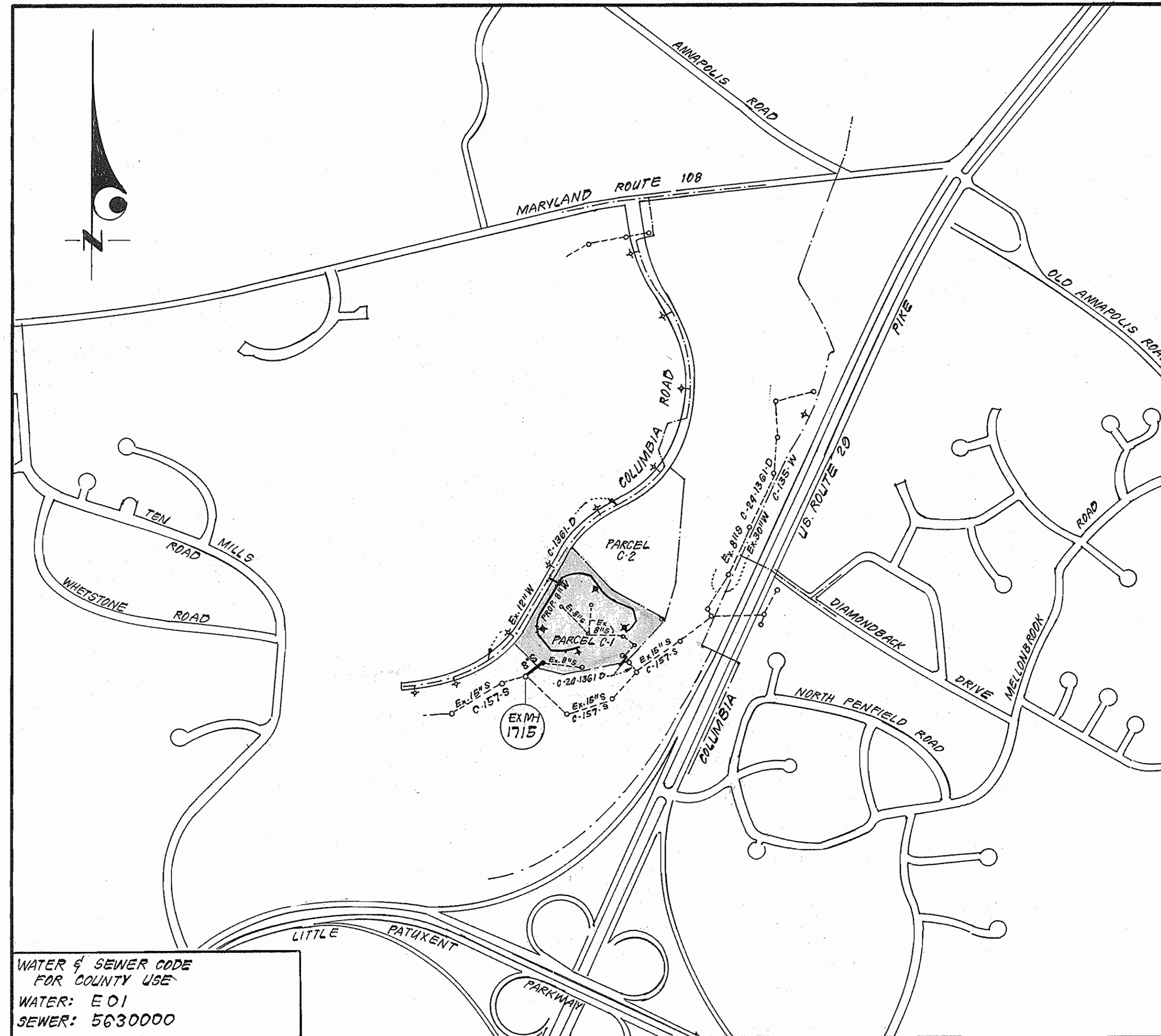


TYPE OF BUILDING	Apartments
NUMBER OF UNITS	192
NUMBER OF SHC's	0
NUMBER OF WHC's	9
DRAINAGE AREA	LITTLE PATUXENT



WATER & SEWER CODE
FOR COUNTY USE
WATER: E 01
SEWER: 5630000

VICINITY MAP
SCALE: 1"=600'

PARCEL C-1
CONTRACT NO. 24-1537-D
VILLAGE OF DORSEY'S SEARCH
SECTION 3 AREA I
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

GENERAL NOTES

- Approximate location of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately to the satisfaction of the Inspector, at the contractor's expense.
- All horizontal controls are based on Maryland State Coordinates.
- All vertical controls are based on U.S.G.S. Datum.
- All pipe elevations shown are invert elevations.
- Clear all utilities by a minimum of 6" clear all poles by 2'-0" minimum or tunnel as required. Any cost incurred to the contractor for tunneling or bracing at poles shall be included in unit prices bid for excavation and backfill.
- For details not shown on the drawings use Howard County Standard Details.
- For materials and construction methods use Howard County Standard Specifications & H.C. Design Manual, Volume II. The contractor shall have a copy of Volume II on the job.
- Contractor shall locate existing utilities a minimum of two (2) weeks in advance of construction operations in the vicinity of proposed utilities at his own expense.
- Contractor shall notify the following utilities or agencies at least five (5) working days before starting work shown on these plans.
State Highway Administration - 531-5533
Baltimore Gas & Electric Company - Contractor Services - 561-2585
Baltimore Gas & Electric Company - Underground Damage Control - 234-5621
Baltimore Gas & Electric Company - Trouble Shooting - 298-9013
Miss Utility - 1-559-0100
Chesapeake & Potomac (C & P) Telephone Company - 725-9976
Colonial Pipeline Company - 781-4641
Bureau of Utilities Howard County - 992-2366
- Trees are to be protected from damage to maximum extent. Trees located within the construction strip are not to be removed or damaged by the contractor.
- Contractor shall remove trees, stumps, and roots along line of excavation as directed by the Inspector. Payment for such removal shall be included in the unit price bid for excavation and backfill.
- Place regulation "Men Working" and warning signs as required to comply with Maryland State Highway Administration Manual of Traffic Control for Highway Construction and Maintenance Operations.
- All water mains to be D.I.P. unless otherwise noted.
- Top of all water mains to have a minimum of 3'-1/2' cover unless otherwise noted.
- Valves adjacent to tees shall be strapped to tees.
- Block all fittings with concrete.
- Bury line elevations on fire hydrants shall be set to the elevations shown on the drawings. All fire hydrants shall be strapped and buttressed with concrete in accordance with standard details. Soil around the fire hydrant to be compacted in accordance with Sections 1003 & 1008 of the Standard Specifications.
- All water house connections shall be for an inside meter setting unless otherwise shown.
- The contractor shall not operate any water main valves on the existing system.
- All sewer mains shall be C.S.P.X., V.C.P.X., P.V.C., or A.C.P. Class 2400 unless otherwise noted.
- The contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole wall.
- All manholes shall be 4'-0" inside diameter, unless otherwise noted.
- Water main and water house connection lines must have a minimum of one foot separation from the sanitary sewer and sewer house connections as they cross. Except at crossings, water and sewer lines shall have a minimum horizontal separation of 10'.
- For all Copper Water House Connections, utilize flared type fittings only.
- Manhole designated thus: WT shall have Watertight Frame & Cover.

Sediment Control Measures will be implemented in accordance with Article No. 15 of the Specifications & with Site Development Plan SDP-86-264 ; Drawing 1 & 2. Sediment & Erosion Control.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.

SIGNATURE DATE
U.S. SOIL CONSERVATION SERVICE

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.

APPROVED:
Robert W. Ziehm 8/20/86
Howard S.C.D. DATE

QUANTITIES			
ITEM	ESTM'D	AS-BUILT	MATERIAL/SUPPLIER
8" W	1472 LF	1472	Ductile Iron Pipe, CL-52-GREEN
2" WHC	200 LF	183	HALSTED METALS COPPER TUBING
2" Meter Vault	9 EA.	9	
F.H.	5 EA.	5	#929 FIRE HYDRANT M+H VALVE
8" S	174 LF	174	P.V.C. PIPE SDP-35-LCP PLASTIC
4' DIA. MH	2 EA.	2	
6" SHC	12 LF	12	P.V.C. PIPE SDP-35-LCP PLASTIC
8" V	4 EA.	4	#3067-01 RESILIENT SEAT GATE VALVE M+H VALVE

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

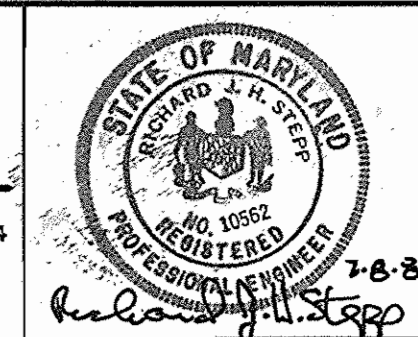
Robert M. Bennett 8-26-86
DIRECTOR OF PUBLIC WORKS DATE

Robert M. Bennett 8-26-86
CHIEF, BUREAU OF UTILITIES DATE

Robert M. Bennett 8-26-86
CHIEF, LAND DEVELOPMENT DIV. DATE

CFS CLARK · FINEPROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904
(301) 593-3400



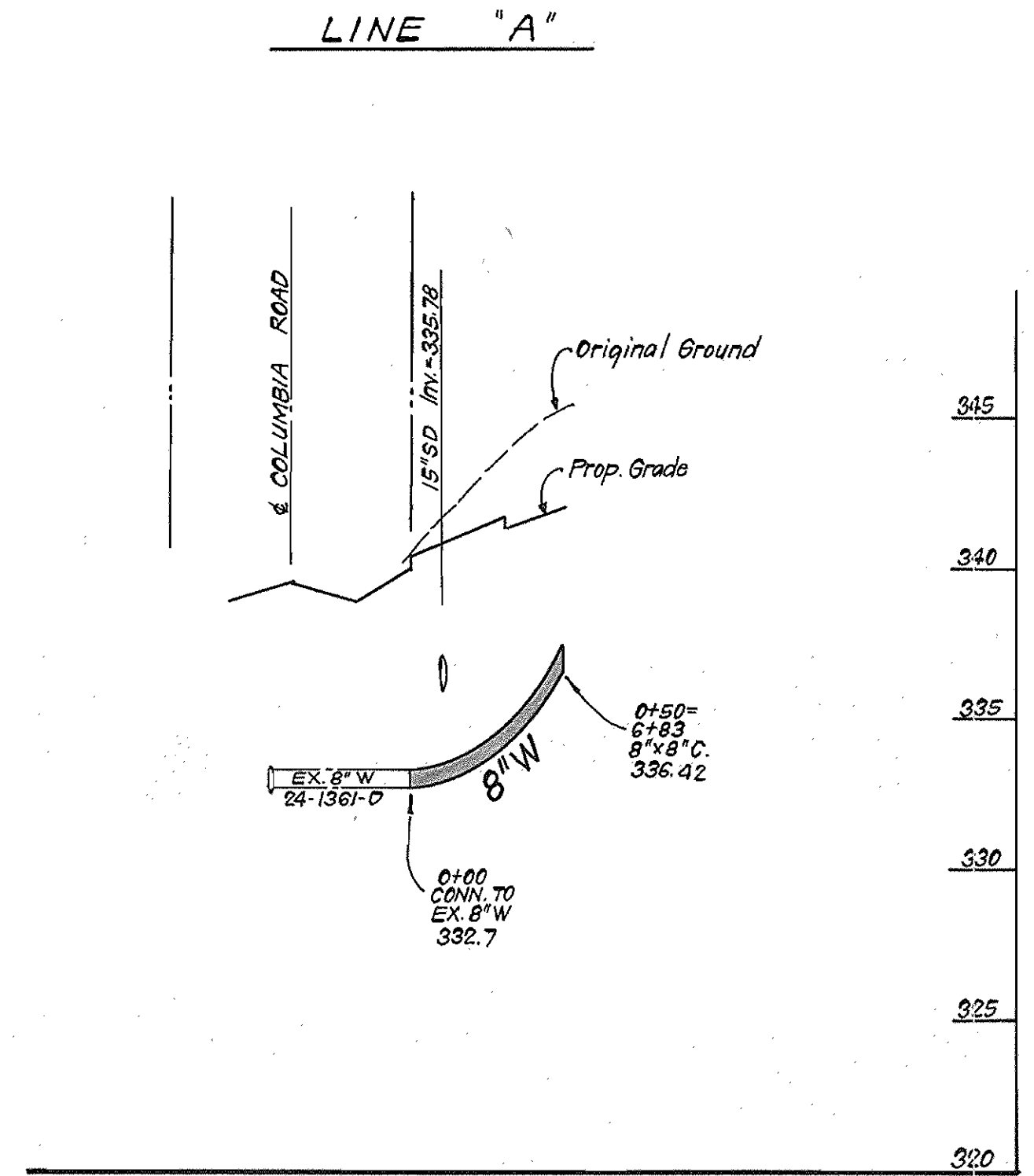
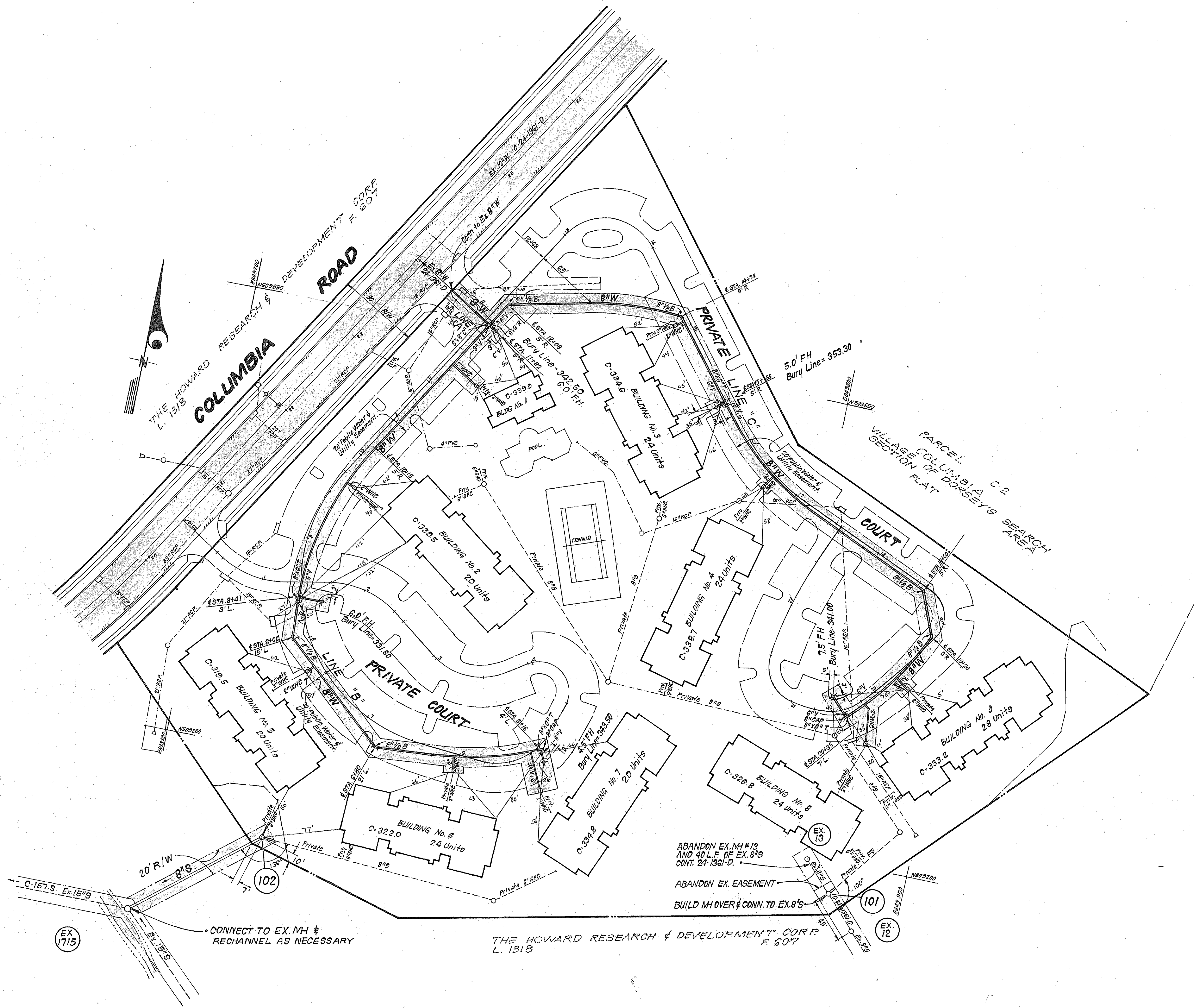
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BY	NO.	REVISION	DATE

VICINITY MAP AND
GENERAL NOTES

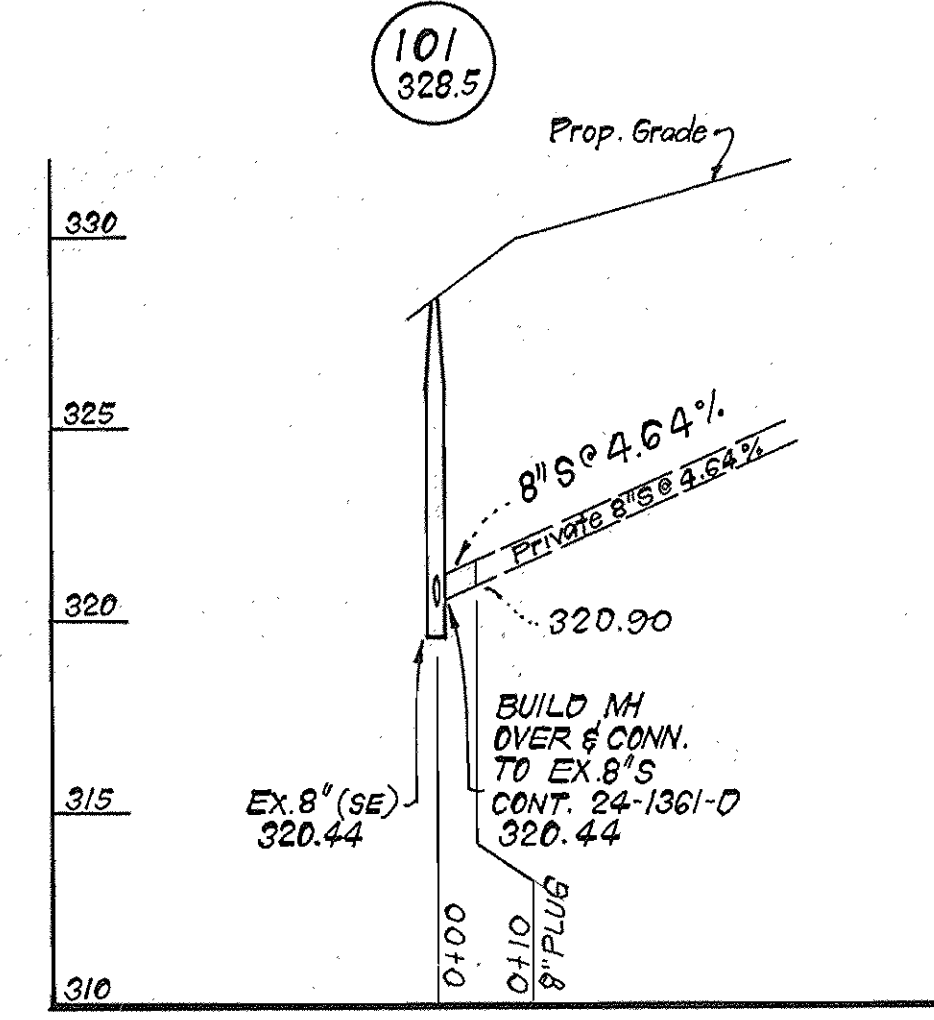
600' SCALE MAP NO. 30 BLOCK NO.

COLUMBIA
VILLAGE OF DORSEY'S SEARCH
SECTION 3 AREA I
PARCEL C-1
6th ELECTION DISTRICT
CONTRACT NO. 24-1537-D

SCALE AS SHOWN
SHEET 1 of 3



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



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

Shawn Nemy
 DIRECTOR OF PUBLIC WORKS
 DATE: 8-26-86

Richard Berman
 CHIEF, BUREAU OF UTILITIES
 DATE: 8-26-86

Richard Berman
 CHIEF, BUREAU OF UTILITIES
 DATE: 8-26-86

Richard Berman
 CHIEF, BUREAU OF UTILITIES
 DATE: 8-26-86

CFE CLARK · FINEFROCK & SACKETT
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11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904
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DES:				
DRN:				
CHK:				
DATE:	BY	NO.	REVISION	DATE

PLAN & PROFILES OF
 WATER & SEWER MAINS

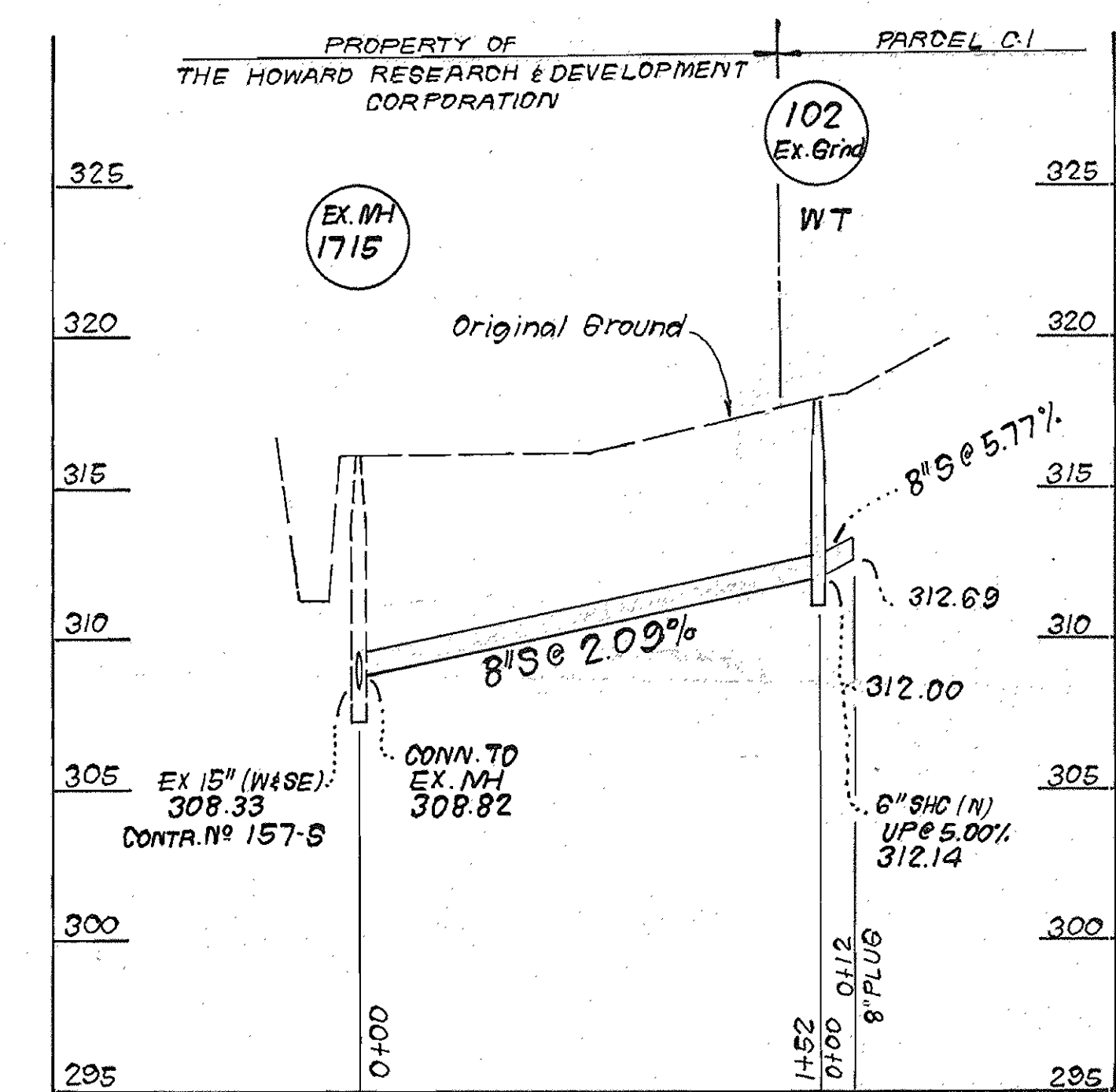
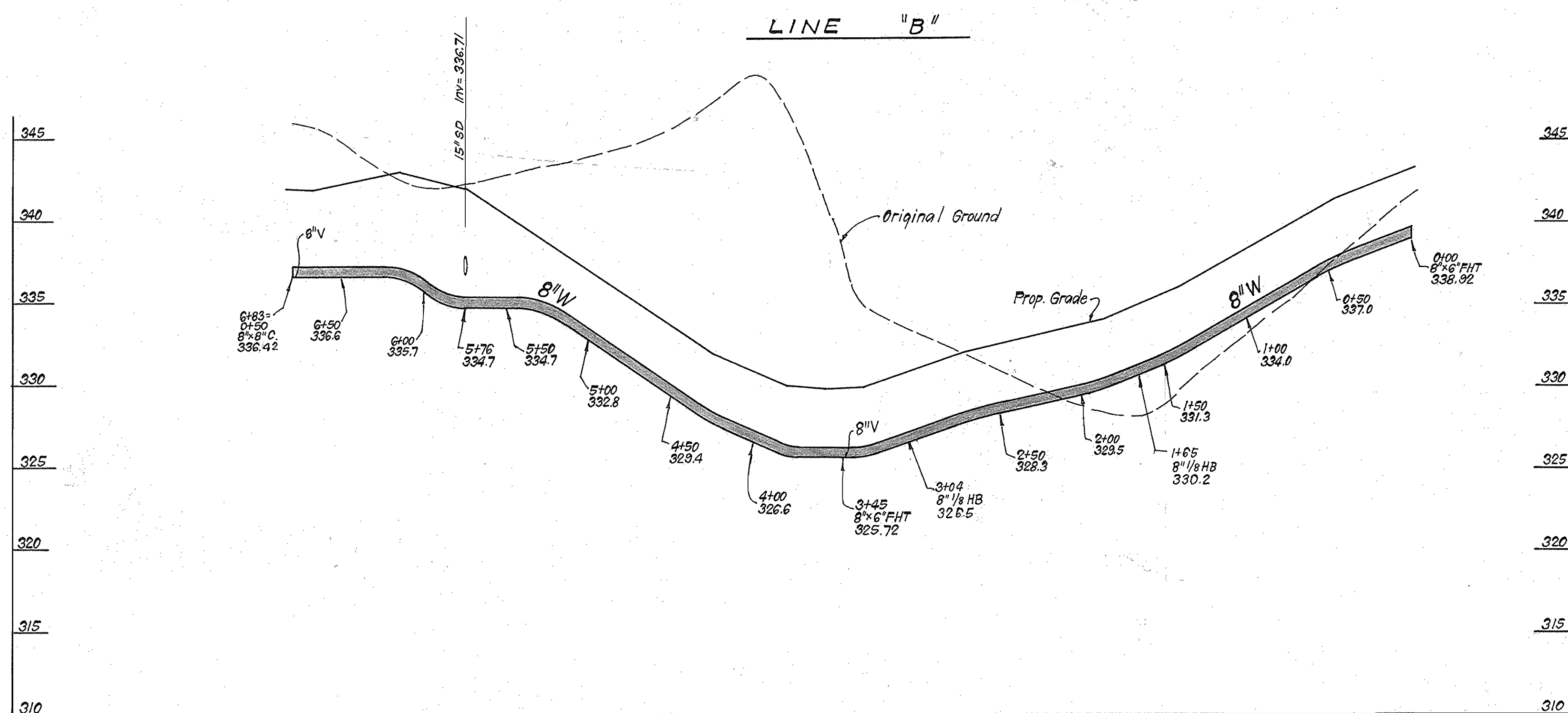
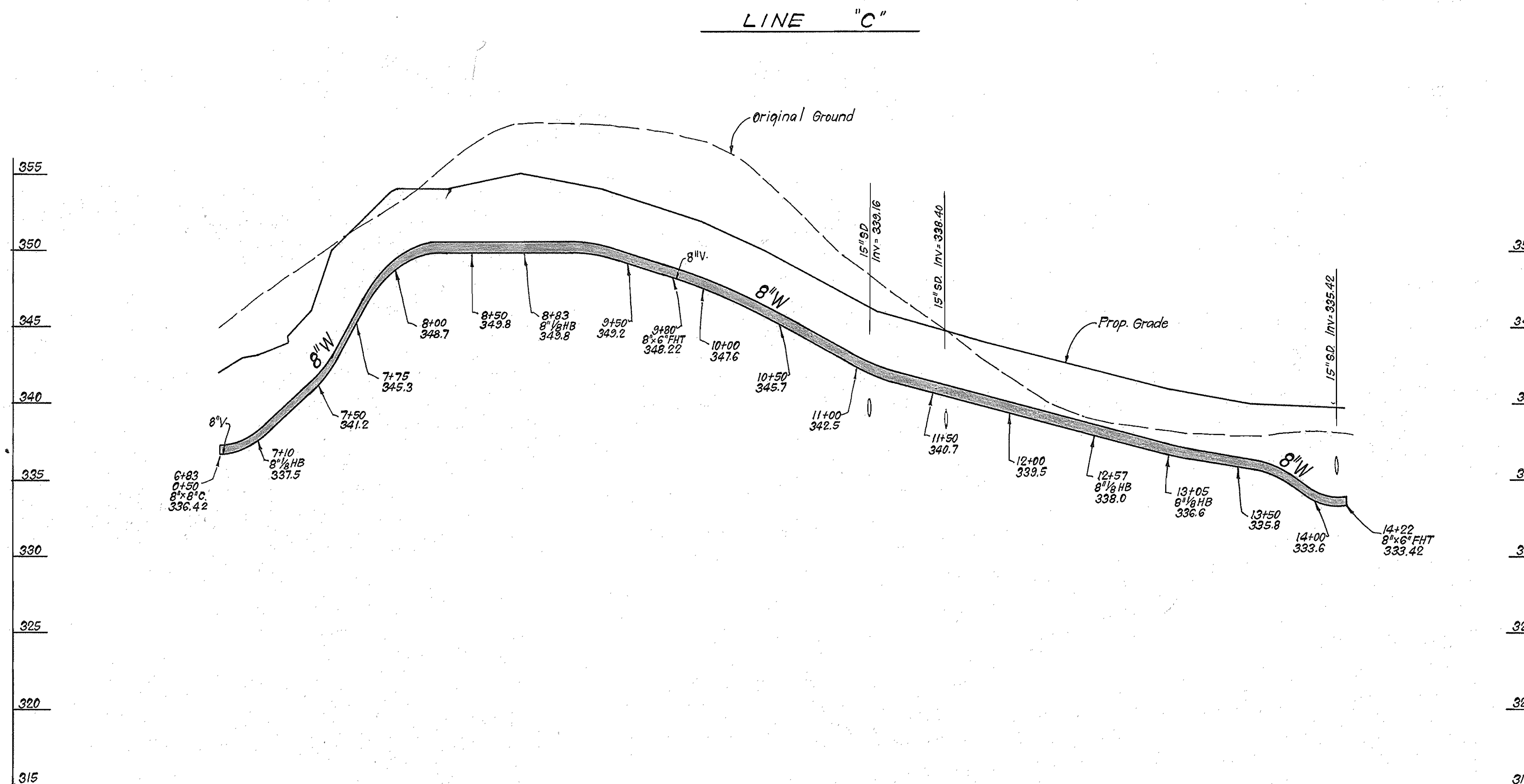
60' SCALE MAP NO. 30 BLOCK NO.

COLUMBIA
 VILLAGE OF DORSEY'S SEARCH
 SECTION 3 AREA 1
 PARCEL C-1
 6th ELECTION DISTRICT
 CONTRACT NO. 24-1537-D

SCALE
 AS SHOWN

SHEET
 2 OF 3

AS-BUILT 12/29/88



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

John F. Nemy
DIRECTOR OF PUBLIC WORKS
DATE: 8-29-88

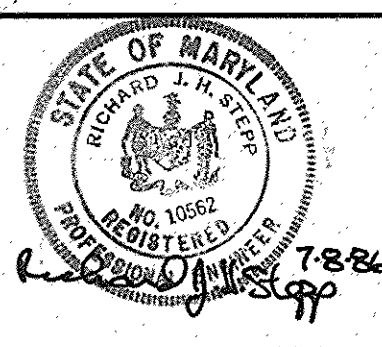
William E. Ray
CHIEF, BUREAU OF ENGINEERING
DATE: 8-26-88

Robert M. Bannan
CHIEF, BUREAU OF UTILITIES
DATE: 8-26-88

John J. Sapp
CHIEF, LAND DEVELOPMENT DIV.
DATE: 8-26-88

CFE CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS

11515 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904
(301) 593-3400



DES:	
DRN:	
CHK:	
DATE:	
BY:	NO.
REVISION:	
DATE:	

PROFILES OF
WATER & SEWER MAINS

600' SCALE MAP NO. 30 BLOCK NO.

COLUMBIA
VILLAGE OF DORSEY'S SEARCH
SECTION 3 AREA 1
PARCEL C-1
6th ELECTION DISTRICT
CONTRACT NO. 24-1537-D

SCALE
HORIZ: 1" = 50'
VERT: 1" = 5'

SHEET
3 OF 3

AS-BUILT 12/29/88