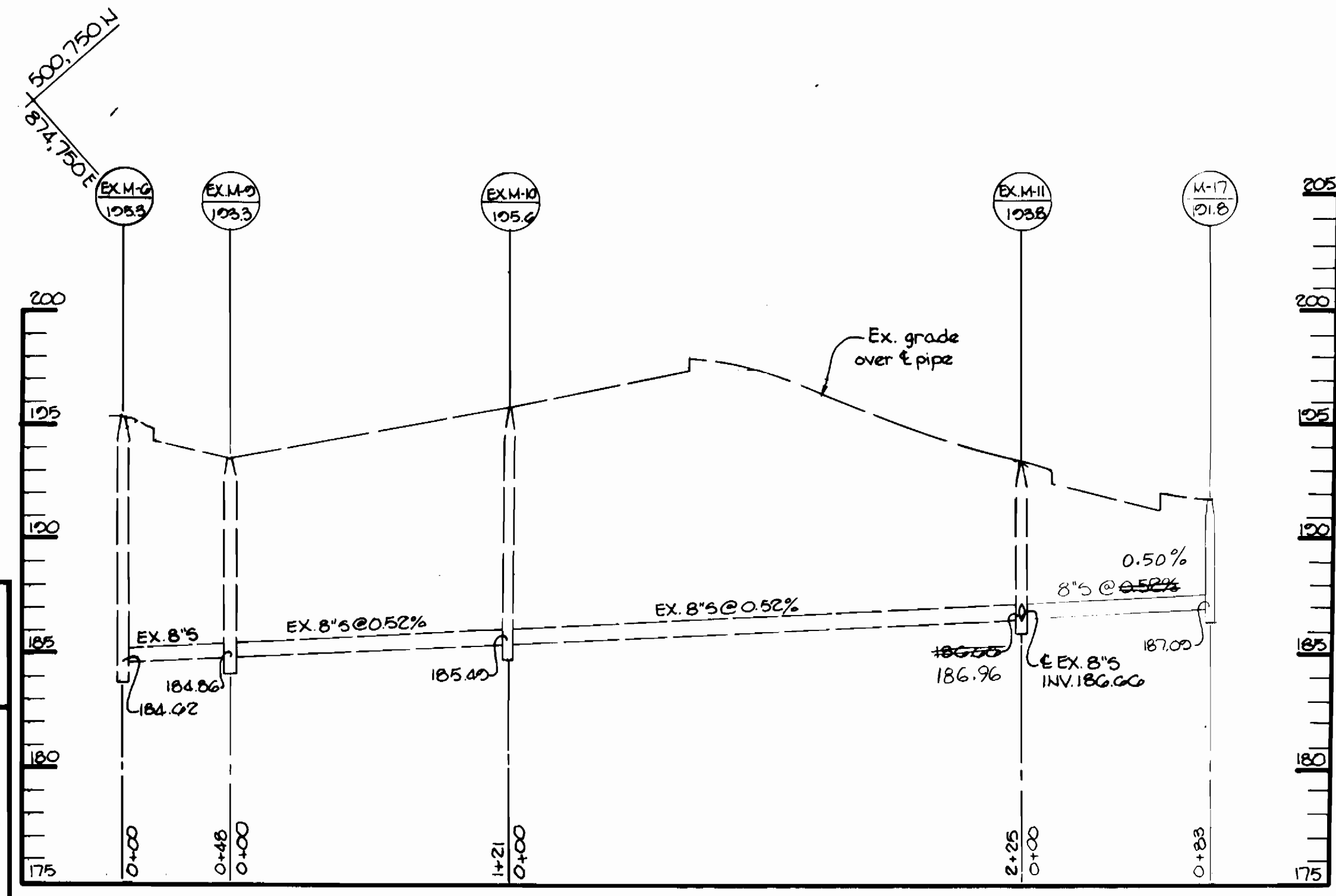


- GENERAL NOTES**
- Approximate location of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately to the satisfaction of the Engineer at the Contractor's expense.
  - All horizontal controls are based on Maryland State Coordinates.
  - All vertical controls are based on U.S.G.S. data.
  - 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. The owner has contacted the utilities companies and has made arrangements for bracing of poles as shown on the drawings. In the event the contractor's work requires the bracing of additional poles, any cost incurred by the owner for the bracing of additional poles or damages shall be deducted from money owed the contractor. The contractor shall coordinate with the utility companies to schedule the bracing of the poles.
  - For details not shown on the drawings, and for materials and construction methods, use Howard County Design Manual, Volume IV, Standard Specifications and Details for Construction. The contractor shall have a copy of Volume IV on the job.
  - Where test pits have been made on existing utilities, they are noted by the symbol  $\square$  at the location of the test pit. A note or notes containing the results of the test pit or pits is included on the drawings. Existing utilities in the vicinity of the proposed work for which test pits have not been dug shall be located by the contractor two weeks in advance of construction operations at his own expense.
  - Contractor shall notify the following utilities or agencies at least five working days before starting work shown on these plans:
 

State Highway Administration	531-5533
Baltimore Gas & Electric Co. - Contractor Services	561-2585
Baltimore Gas & Electric Co. Underground Damage Control	234-5621
Baltimore Gas & Electric Co. Trouble Shooting	208-0013
Miss Utility	1-550-0100
Colonial Pipeline Co.	705-1300
Bureau of Utilities, Howard County Department of Public Works	952-2366
  - 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.
  - Manholes shown with 12" and 16" walls are brick manholes only.
  - Manholes designated W.T. in plan and profile shall have watertight frame and covers, Standard Detail G.562, Volume IV. Where watertight manhole frame and cover is used, set top of frame 1'-6" above finished grade.
  - House(s) with the symbol "N.S." indicates the cellar can not be served.
  - All water house connections shall have a minimum vertical clearance of 12" above all sanitary sewer crossings.
  - All sanitary sewer house connections shall have a minimum vertical clearance of 12" below all water main crossings.
  - Profile stations shall be adjusted as necessary to conform to Plan dimensions.
  - No pipe shall be laid until lines of excavation have been brought to subgrade.



Sediment Control measures for this contract will be implemented in accordance with article 15 of the specifications and SDP-85-B1

Howard Soil Conservation District:  
Reviewed for Howard Soil Conservation District and meets technical requirements.

*John M. ...* 4-17-85  
U.S. Soil Conservation Service  
This plan is approved for soil erosion and sediment control by the Howard Soil Conservation District

*Stephen L. ...* 4/17/85  
Howard Soil Conservation District

ITEM	QUANTITIES		MATERIAL/SUPPLIER
	ESTIMATED	AS BUILT	
8" Sewer	83 LF	83	HUNTER PVC HUNTER CONTRACT SALES
Manholes	5.2VF	5.2	ATLANTIC PRECAST

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 4-19-85 CHIEF, BUREAU OF ENGINEERING		THE RIEMER GROUP INC. 3105 HEALTH PARK DRIVE ELLICOTT CITY, MARYLAND 21043 PATRICK C. JENNINGS II		DES: J.D.P. DRN: DAM CHK: DATE: 1/2/84		PLAN AND PROFILE OF A SEWER MAIN		ROCKBURN COMMONS ELECTION DISTRICT NO. 1 HOWARD COUNTY, MARYLAND CONTRACT NO. 10-1340-D		SCALE AS SHOWN SHEET 1 OF 1
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