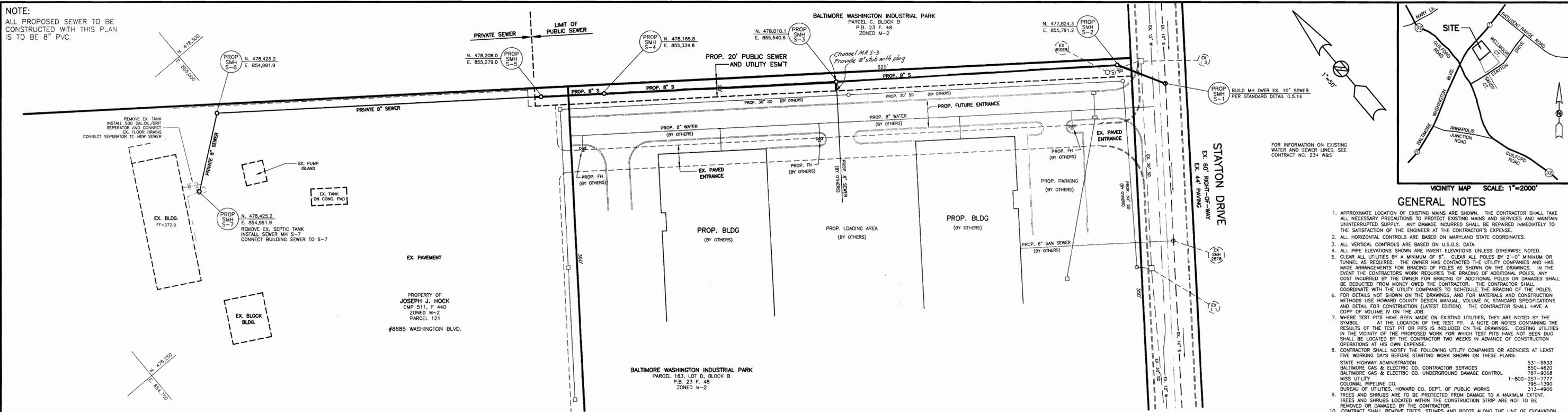


NOTE:  
ALL PROPOSED SEWER TO BE  
CONSTRUCTED WITH THIS PLAN  
IS TO BE 8" PVC.



**GENERAL NOTES**

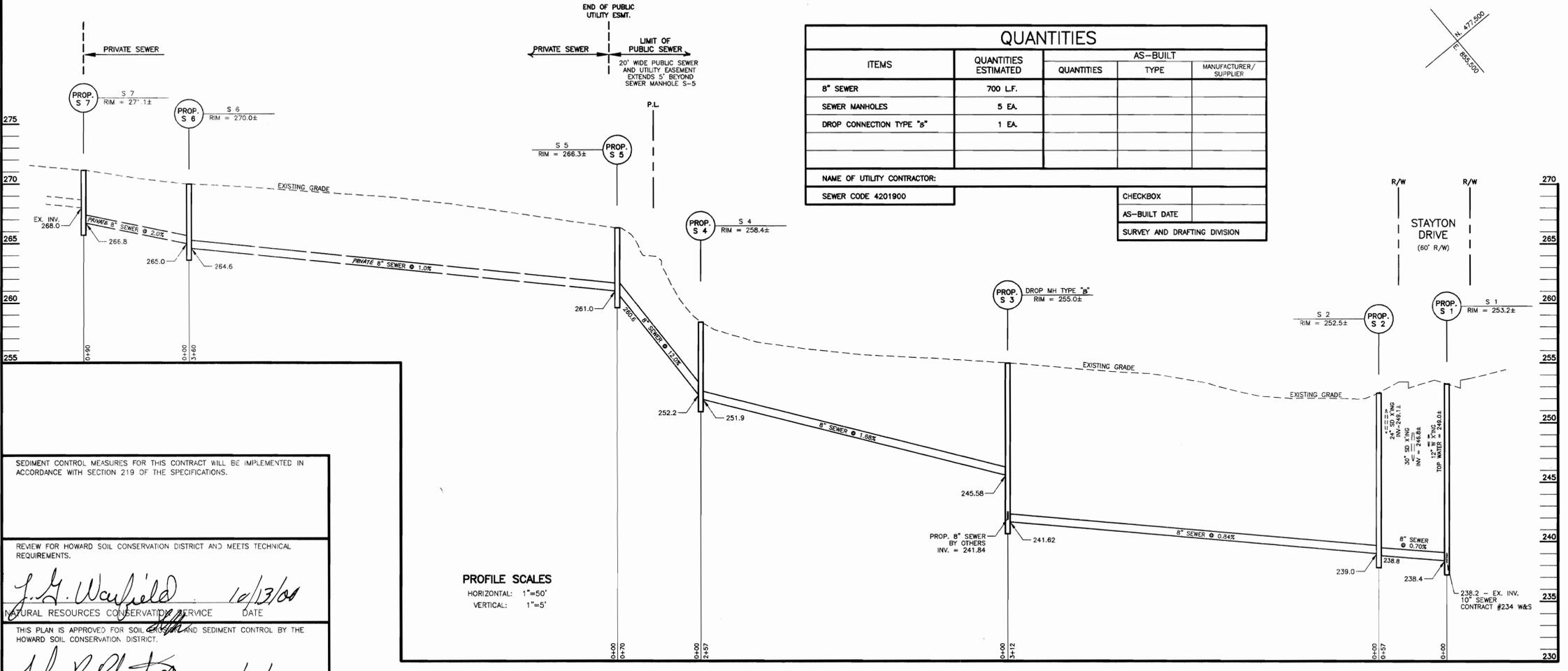
- APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- ALL HORIZONTAL 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 UNLESS OTHERWISE NOTED.
- CLEAR ALL UTILITIES BY A MINIMUM OF 6". CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL AS REQUIRED. THE OWNER HAS CONTACTED THE UTILITY COMPANIES AND HAS MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWN ON THE DRAWINGS. IN THE EVENT THE CONTRACTOR WORK REQUIRES THE BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR 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 DETAIL FOR CONSTRUCTION (LATEST EDITION). 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 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 UTILITY COMPANIES 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        | 850-4620       |
| BALTIMORE GAS & ELECTRIC CO. UNDERGROUND DAMAGE CONTROL | 787-9068       |
| MSS UTILITY   | 1-800-257-7777 |
| COLONIAL PIPELINE CO.                                   | 785-1390       |
| BUREAU OF UTILITIES, HOWARD CO. DEPT. OF PUBLIC WORKS   | 313-4900       |
- TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO A MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
- CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG THE LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.
- ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- ALL SEWER MAINS SHALL BE D.I.P. AND P.V.C. UNLESS OTHERWISE NOTED.
- MANHOLES CAN BE EITHER BRICK OR PRECAST CONCRETE STRUCTURES.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION METHODS, TECHNIQUES SEQUENCES, PROCEDURES, AND SAFETY PRECAUTIONS AND PROGRAMS.
- THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410) 313-7450 AT LEAST FIVE (5) WORKING DAYS BEFORE ANY OPEN CUT OF ANY COUNTY ROAD OR BORING/JACKING OPERATION IN COUNTY ROADS FOR LAYING WATER/SEWER MAINS OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 15.11(A) OF THE HOWARD COUNTY CODE.
- HOWARD COUNTY DPW IS HEREBY GRANTED PERMISSION TO ACCESS PRIVATE LOTS SHOWN ON THESE PLANS IN ORDER TO MAINTAIN PUBLIC WATER AND SEWER HOUSE CONNECTIONS AT THE CURB STOPS AND/OR CLEANOUTS.

**SEDIMENT CONTROL NOTES**

- EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCH EXCAVATION.
- CONSTRUCTION SHALL BE LIMITED TO AN AREA THAT CAN BE BACKFILLED AND STABILIZED AT THE END OF EACH DAYS WORK.

| QUANTITIES                  |                      |                              |      |                       |
|-----------------------------|----------------------|------------------------------|------|-----------------------|
| ITEMS                       | QUANTITIES ESTIMATED | AS-BUILT                     |      |                       |
|                             |                      | QUANTITIES                   | TYPE | MANUFACTURER/SUPPLIER |
| 8" SEWER                    | 700 L.F.             |                              |      |                       |
| SEWER MANHOLES              | 5 EA.                |                              |      |                       |
| DROP CONNECTION TYPE "B"    | 1 EA.                |                              |      |                       |
| NAME OF UTILITY CONTRACTOR: |                      |                              |      |                       |
| SEWER CODE 4201900          |                      |                              |      |                       |
|                             |                      | CHECKBOX                     |      |                       |
|                             |                      | AS-BUILT DATE                |      |                       |
|                             |                      | SURVEY AND DRAFTING DIVISION |      |                       |



**PROFILE SCALES**  
HORIZONTAL: 1"=50'  
VERTICAL: 1"=5'

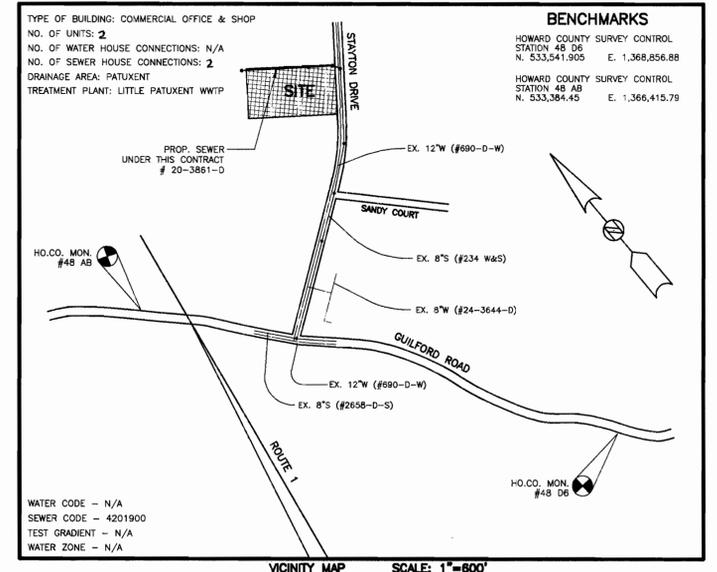
SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS.

REVIEW FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

*J.G. Weisfeld* 10/13/00  
NATURAL RESOURCES CONSERVATION SERVICE DATE

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

*John R. Richter* 10/13/00  
HOWARD SOIL CONSERVATION DISTRICT DATE



VICINITY MAP SCALE: 1"=600'

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
*Robert Beinger* 10-12-00  
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND  
*John D. ...* 10/16/00  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

CHISHOLM-WEBER ASSOCIATES  
LAND DEVELOPMENT CONSULTANTS  
ENGINEERING • PLANNING • SURVEYING  
2661 RIVA ROAD, RIVA 400, SUITE 320  
ANNAPOLIS, MARYLAND 21401  
PHONE (410) 224-3990 FAX (410) 224-4203

STATE OF MARYLAND  
REGISTERED PROFESSIONAL ENGINEER  
*Mark B. Weber*  
MARK B. WEBER # 8539

|                 |    |      |           |  |  |
|-----------------|----|------|-----------|--|--|
| DESIGN: MBW     |    |      |           |  |  |
| DRAWN BY: CK    |    |      |           |  |  |
| CHECKED BY: MBW |    |      |           |  |  |
| DATE: JAN. 2000 |    |      |           |  |  |
| NO.             | BY | DATE | REVISIONS |  |  |

PLAN & PROFILE OF SEWER MAINS  
600 SCALE MAP NUMBER BLOCK NUMBER

CONSTRUCTION PLAN  
JOSEPH J. HOCK PROPERTY  
PARCEL 121  
SEWER EXTENSION  
CONTRACT NO. 20 - 3861 - D  
6th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE AS SHOWN  
SHEET 1 OF 1

20-3861-D