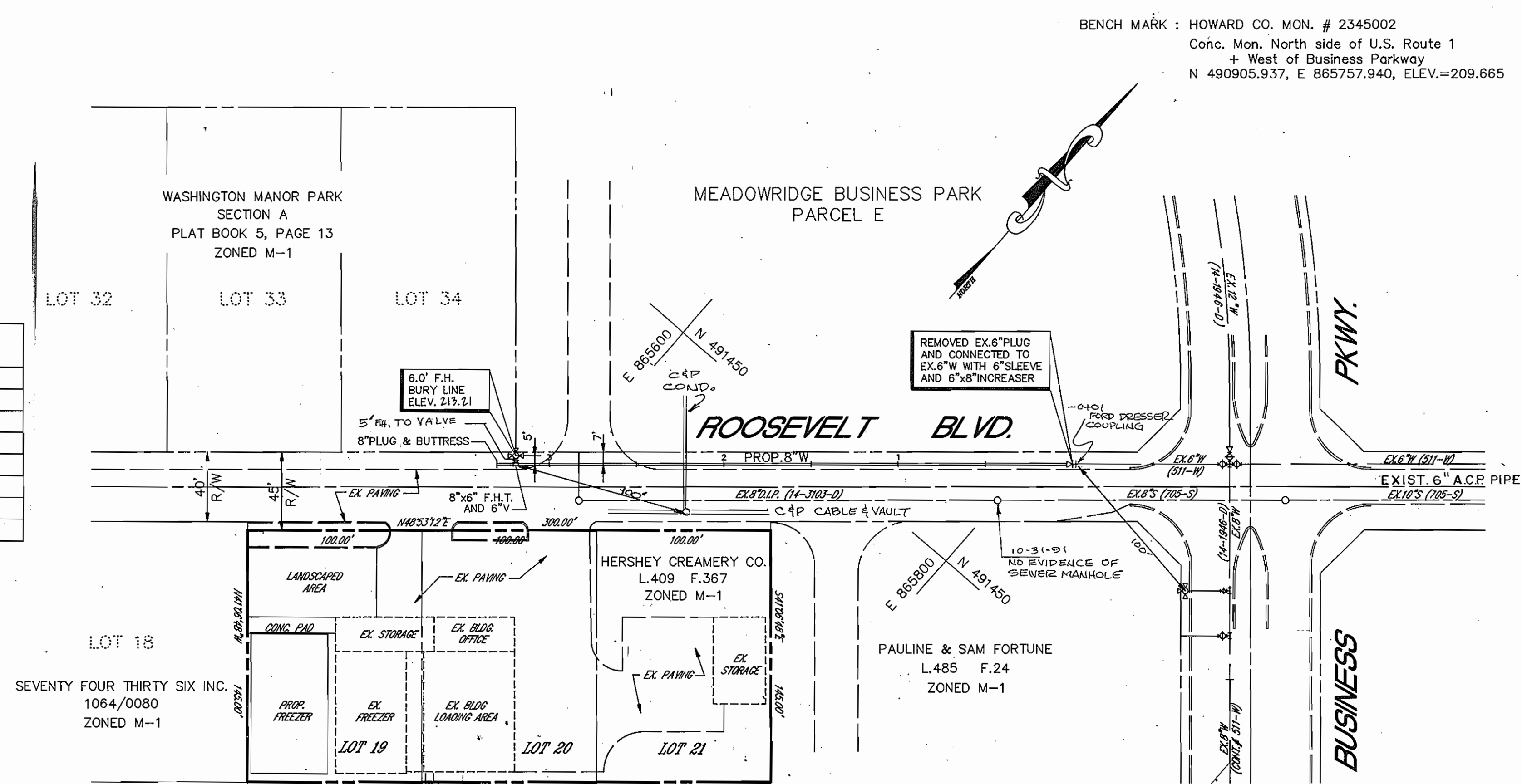


SEDIMENT CONTROL NOTES

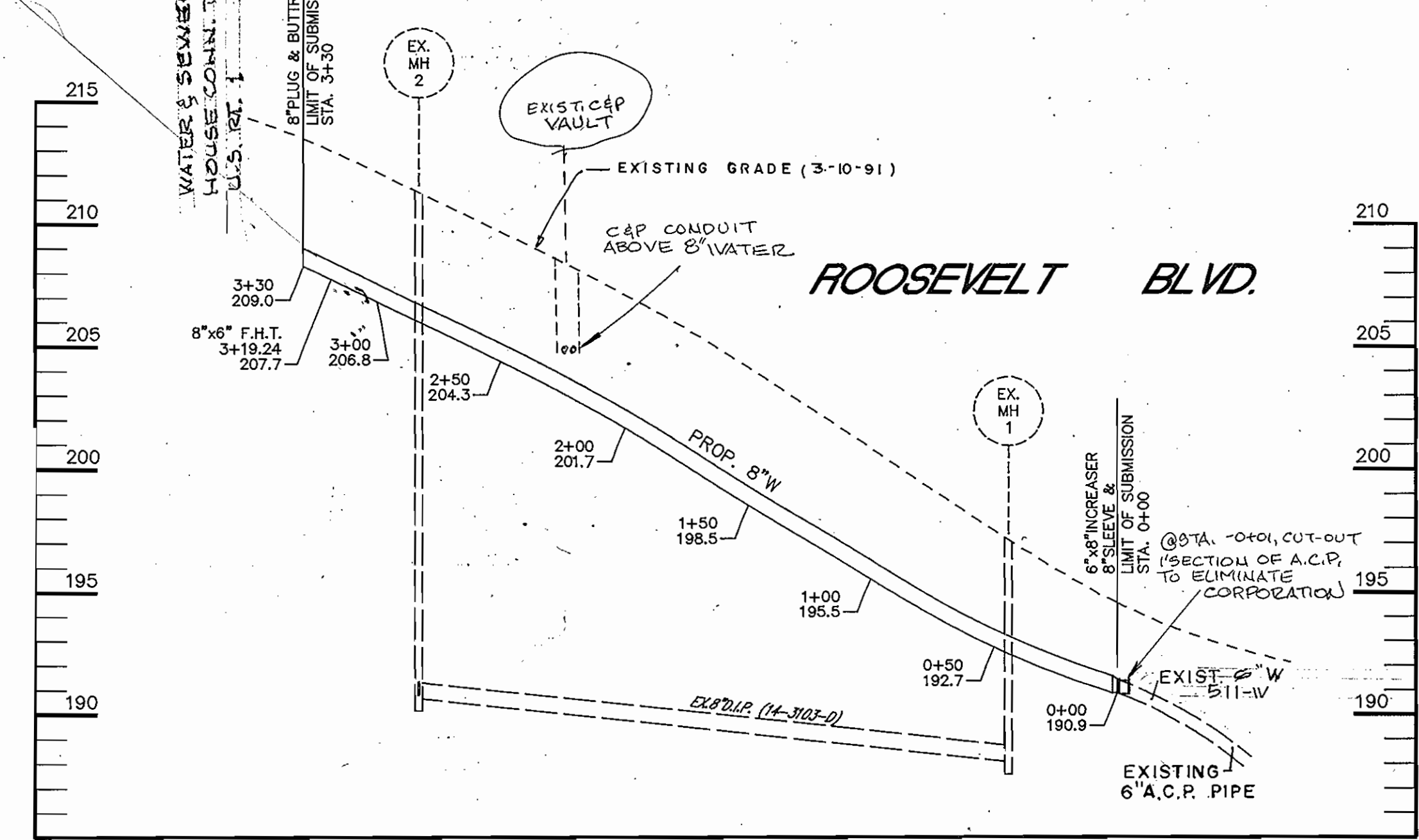
- FOR SEDIMENT CONTROL FOR THIS CONTRACT, SEE THE APPROVED ROAD CONSTRUCTION PLANS
- MATERIALS FROM TRENCH EXCAVATION TO BE PLACED ON UPHILL SIDE OF TRENCH.
- CONTRACTOR TO BACKFILL, COMPACT AND STABILIZE IMMEDIATELY AFTER INSTALLATION OF PIPE. NO TRENCHES WILL BE LEFT OPEN AT THE END OF EACH DAY, EXCEPT THAT PORTION WHERE WORK HAS STOPPED.
- ANY SEDIMENT CONTROL FACILITIES ENCOUNTERED DURING PIPE CONSTRUCTION TO BE RETURNED TO ORIGINAL CONDITION IMMEDIATELY UPON COMPLETION OF THAT PORTION OF WORK.
- SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY STANDARD SPECIFICATION AND AS PER ROAD CONSTRUCTION PLANS.

QUANTITIES			
ITEM	EST'D	AS-BUILT	MATERIAL / SUPPLIER
6" WATER	330 L.F.	331	GRIFFIN/BELAIR RD. SUPPLY
FIRE HYDRANT	1	1	U.S. PIPE
4 VALVE		1	MUELLER

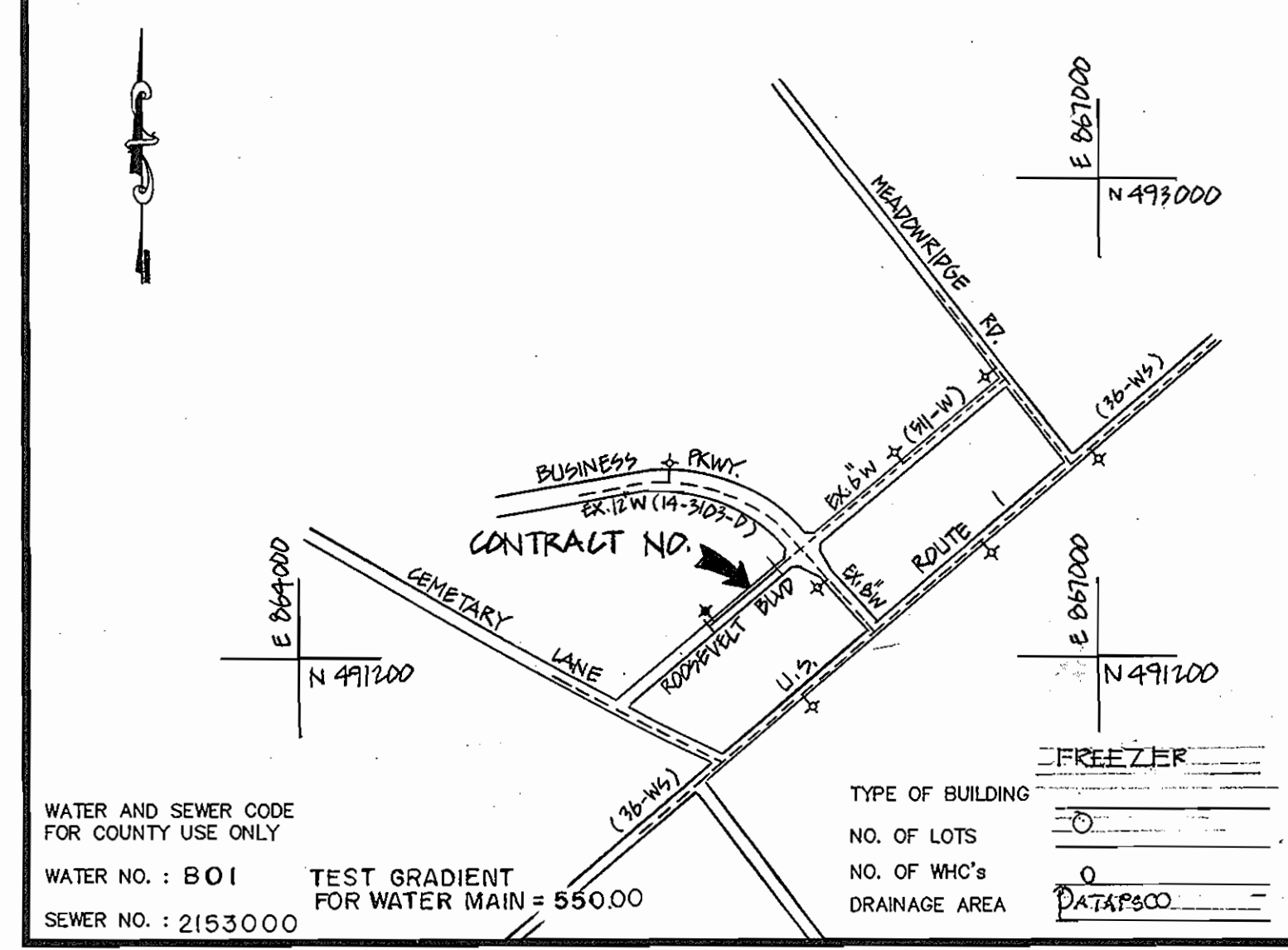


PLAN
SCALE: 1"=50'

NOTE: THE EXISTING WATER MAIN IS A.C.P.
NOTE: THE CONTRACTOR MUST USE EXTREME CAUTION WHEN USING GRADING EQUIPMENT NEAR THE EXISTING WATER MAIN. UPON COMPLETION OF THE UTILITY WORK, THE WATER MAIN SHALL REMAIN FULLY CHARGED DURING ALL CONSTRUCTION ACTIVITIES.



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



VICINITY MAP
SCALE: 1" = 600'

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. DATUM
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 6".
- FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL VOLUME FOUR, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION. THE CONTRACTOR SHALL HAVE A COPY OF VOLUME FOUR 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 BEEN DUG SHALL BE VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION. ANY DAMAGE TO EXISTING FACILITIES DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THIS PLANS:
 - STATE HIGHWAY ADMINISTRATION : 531-5533
 - BALTIMORE GAS & ELECTRIC CO. - CONTRACTOR SERVICES : 850-4620
 - UNDERGROUND DAMAGE CONTROL : 859-9004
 - TROUBLE SHOOTING : 298-9001
 - MISS UTILITY : 1-559-0100
 - COLONIAL PIPELINE COMPANY : 795-1390
 - C&P TELEPHONE COMPANY : 1-800-257-7777
 - BUREAU OF UTILITIES, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS : 313-4900
- TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGE BY THE CONTRACTOR.
- CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.
- ALL WATER MAINS TO BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
- TOPS 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.
- ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE STRAPPED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS. SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND 1005 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING, UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS (STD. DETAIL W 3.21)
- WATER MAINS OR WATER HOUSE CONNECTION LINES MUST BE PLACED SO AS TO HAVE AT LEAST ONE (1) FOOT SEPARATION FROM THE SEWER MAIN OR SEWER HOUSE CONNECTION AS THEY PASS ABOUT IT.
- ALL D.I.P. FITTINGS SHALL BE IN ACCORDANCE WITH AWWA SPECIFICATION C-153 : DUCTILE IRON COMPACT FITTINGS, 3" THROUGH 12" FOR WATER & OTHER LIQUIDS.

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
John P. Robertson 8/21/91
SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY HOWARD SOIL CONSERVATION DISTRICT.
John P. Robertson 8/16/91
HOWARD SOIL CONSERVATION DISTRICT DATE

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE STANDARD SPECIFICATION, AND FINAL PLANS S.D.P. 91-08

BEFORE BEGINNING CONSTRUCTION, CONTRACT "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND.
Robert Berman 8/23/91
DIRECTOR OF PUBLIC WORKS DATE
Robert Berman 8-12-91
CHIEF, BUREAU OF UTILITIES DATE
John M. Johnson 8/16/91
CHIEF, LAND DEVELOPMENT DIVISION DATE

PREPARED BY:
LOUIS ALBERT SPITTEL
CIVIL ENGINEERING CONSULTANTS
Louis A. Spittel 5/28/91
1870, Woodstock Road
WOODSTOCK, MD. 21163



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

PLAN AND PROFILE
600'SCALE MAP NO. _____ BLOCK NO. _____

DEVELOPER: HERSHEY CREAMERY, INC.
7435 ROOSEVELT BLVD.
ELK RIDGE, MD. 21227
CONTRACT NO. 44 - 3143 - D
HERSHEY CREAMERY
WATER MAIN EXTENSION
ELECTION DISTRICT NO. 1
HOWARD COUNTY, MARYLAND.

HERSHEY CREAMERY
WATER MAIN EXTENSION
CONTRACT NO. 44 - 3143 - D
ELECTION DISTRICT NO. 1
HOWARD COUNTY, MARYLAND.
SCALE AS SHOWN
SHEET 1 OF 1

AS-BUILT 12-10-91