

# PIPE REPAIR

## 8255 PATUXENT RANGE ROAD

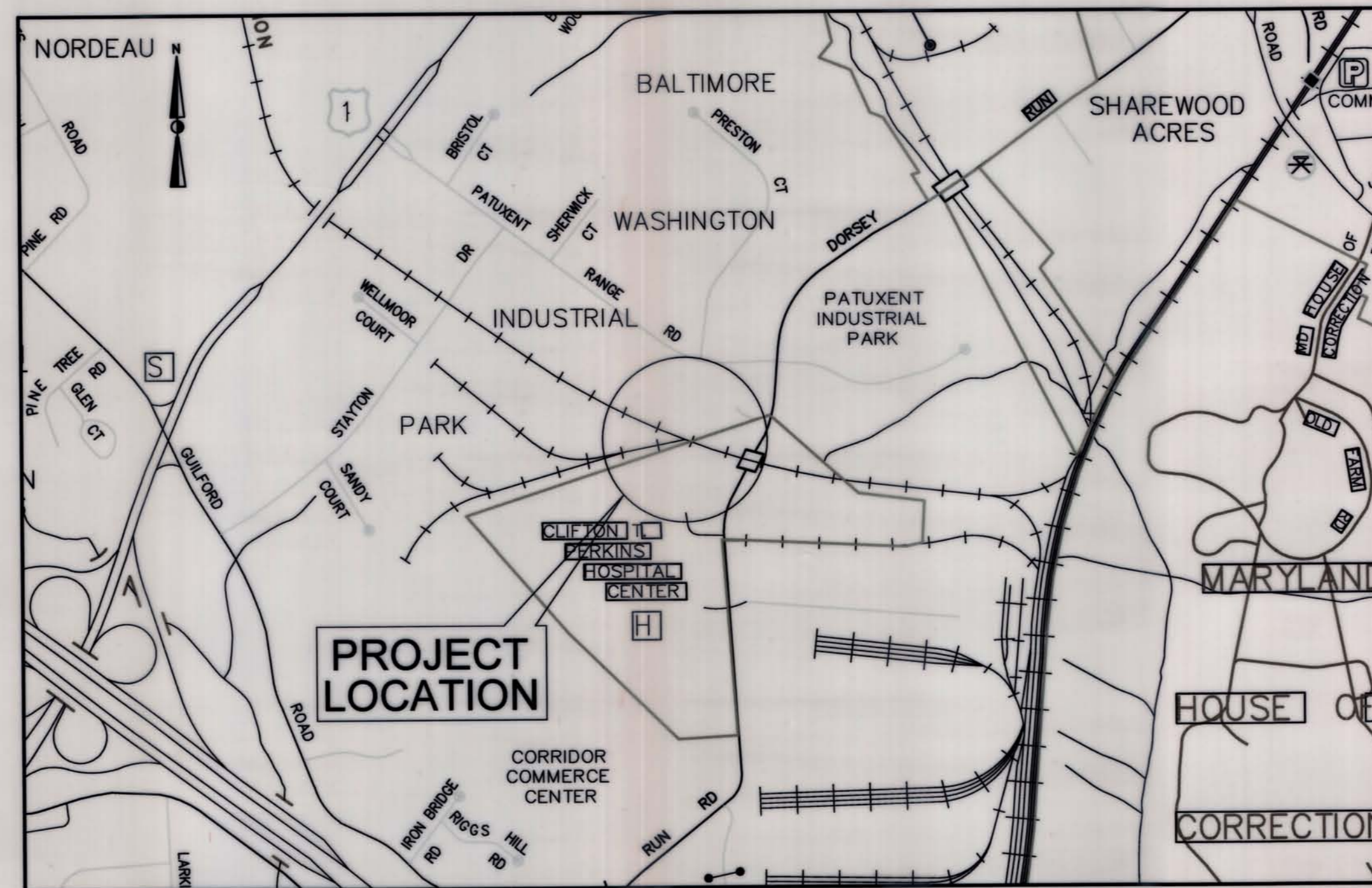
### ELECTION DISTRICT 1

## HOWARD COUNTY, MARYLAND

## CAPITAL PROJECT D-1125

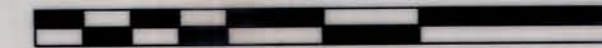
#### INDEX OF SHEETS

- 1 TITLE SHEET
- 2 PLAN, PIPE PROFILE AND DETAILS
- 3 EROSION AND SEDIMENT CONTROL NOTES AND DETAILS



LOCATION MAP  
HOWARD COUNTY

1000 0 1000 2000



SCALE: 1" = 1000'

#### GENERAL NOTES:

1. THE PLAN AND PROFILE WAS DEVELOPED WITHOUT THE BENEFIT OF A FIELD RUN TOPOGRAPHIC SURVEY. INFORMATION TO PREPARE THIS PLAN WAS OBTAINED FROM SHEET 2 OF 2 "STORM DRAIN PROFILE FOR BALTIMORE-WASHINGTON INDUSTRIAL PARK", F-86-25; AND SHEET 2 OF 12 OF SDP#86-161. ALL ELEVATIONS ARE APPROXIMATE.
2. CONTRACTOR MUST PROTECT THE EXISTING RAILROAD SIDING AT ALL TIMES. DAMAGE TO THE RAILROAD SIDING MUST BE REPLACED AT THE CONTRACTORS EXPENSE.
3. HOWARD COUNTY WILL COORDINATE THE APPROVALS OF ANY PARKING AREAS THAT WILL BE USED FOR STAGING AND STORAGE. THE CONTRACTOR SHALL MINIMIZED DISTURBANCE TO EXISTING PAVEMENT AND CURBS. REPAIR ANY PAVEMENT AND CURBING DAMAGED AS PART OF THIS TASK.
4. PROPOSED MANHOLE ACCESS NO.1 SHALL BE MANUFACTURED INTEGRAL TO THE 84-INCH CMP. THE RISER PIPE SHALL BE 36" DIAMETER WITH A 36" FRAME AND COVER SET IN A 6'X6' CONCRETE SLAB, 4" THICK AT THE SURFACE. THE RISER SHALL INCLUDE LADDER RUNGS.
5. PROPOSED MANHOLE ACCESS NO.2 SHALL BE 48" DIAMETER, PRECAST CONCRETE WITH A 24" DIAMETER FRAME AND COVER 6" BASE FINISH GRADE. SEE HOWARD CO. STANDARD G-5.12 FOR ADDITIONAL INFORMATION.
6. THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING CONSTRUCTION INSPECTION DIVISION AT 410-313-1880 AND MISS UTILITY AT 1-800-257-7777 AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING WORK
7. THE SYSTEM OF COORDINATES USED BY HOWARD COUNTY IS BASED IN THE FOLLOWING DATUMS AND PROJECTIONS:  
  
HORIZONTAL: MARYLAND NAD83 (ADJ 1991)  
VERTICAL: NAVD88  
  
HOWARD COUNTY CONTROL:  
  
STATION NO.  
STATION NO.
8. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY.
9. ALL WORK SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE "1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL," ISSUED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT AND THE NATURAL RESOURCES CONSERVATION SERVICE.
10. THE PROPERTY LINES AND EASEMENT LINES ARE BASED ON LAND ACQUISITION DOCUMENTS RESEARCHED AND PLACED ON THE PLANS.
11. SHOULD THE CONTRACTOR DISCOVER DISCREPANCIES BETWEEN THE PLANS AND THE FIELD CONDITIONS, THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY TO RESOLVE THE SITUATION. SHOULD THE CONTRACTOR MAKE FIELD CORRECTIONS OR ADJUSTMENTS WITHOUT NOTIFYING THE ENGINEER, THEN THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR THOSE CHANGES.
12. CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHOD, TECHNIQUES, SEQUENCES, PROCEDURES, AND SAFETY PRECAUTIONS AND PROGRAMS.
13. APPROXIMATE UTILITIES ARE SHOWN FROM AVAILABLE RECORDS. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
14. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
15. UTILITY CONTACTS:

BGE:	(410)-597-7835 (ELECTRIC)
BGE:	(410)-291-5101 (GAS)
VERIZON:	(410)-224-9285
MCI:	(912)-729-6016
XPEIUS:	(703)-386-2340
ABOVENET:	(443)-250-1873
COMCAST:	(410)-513-3207

THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

*John Robinson* / *1/25* / *11/5/10*  
HOWARD SOIL CONSERVATION DISTRICT DATE

#### ENGINEER'S CERTIFICATE

" I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

*David T. Moriconi* / *11-5-10*  
SIGNATURE OF ENGINEER (PRINT NAME BELOW SIGNATURE) DATE

#### DEVELOPER'S CERTIFICATE

" I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

*John Robinson* / *11/5/10*  
SIGNATURE OF DEVELOPER (PRINT NAME BELOW SIGNATURE) DATE

#### PROFESSIONAL CERTIFICATION

" I HEREBY CERTIFY THAT DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 16156 EXPIRATION DATE: 8/28/2012

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*John Robinson* / *11/5/10* / *11/5/10*  
DIRECTOR OF PUBLIC WORKS DATE ACT. CHIEF, BUREAU OF ENGINEERING DATE  
*Steve Shanan* / *11/5/10* / *11-5-10*  
CHIEF, DIVISION OF TRANSPORTATION AND SPECIAL PROJECTS DATE CHIEF, BUREAU OF HIGHWAYS DATE



DES:	DTM	1	AS-BUILT	4/13
DRN:	BJK			
CHK:	DTM			
DATE:	10/2010			
BY:	NO.	REVISION	DATE	SCALE MAP NO.
				BLOCK NO.

TITLE SHEET

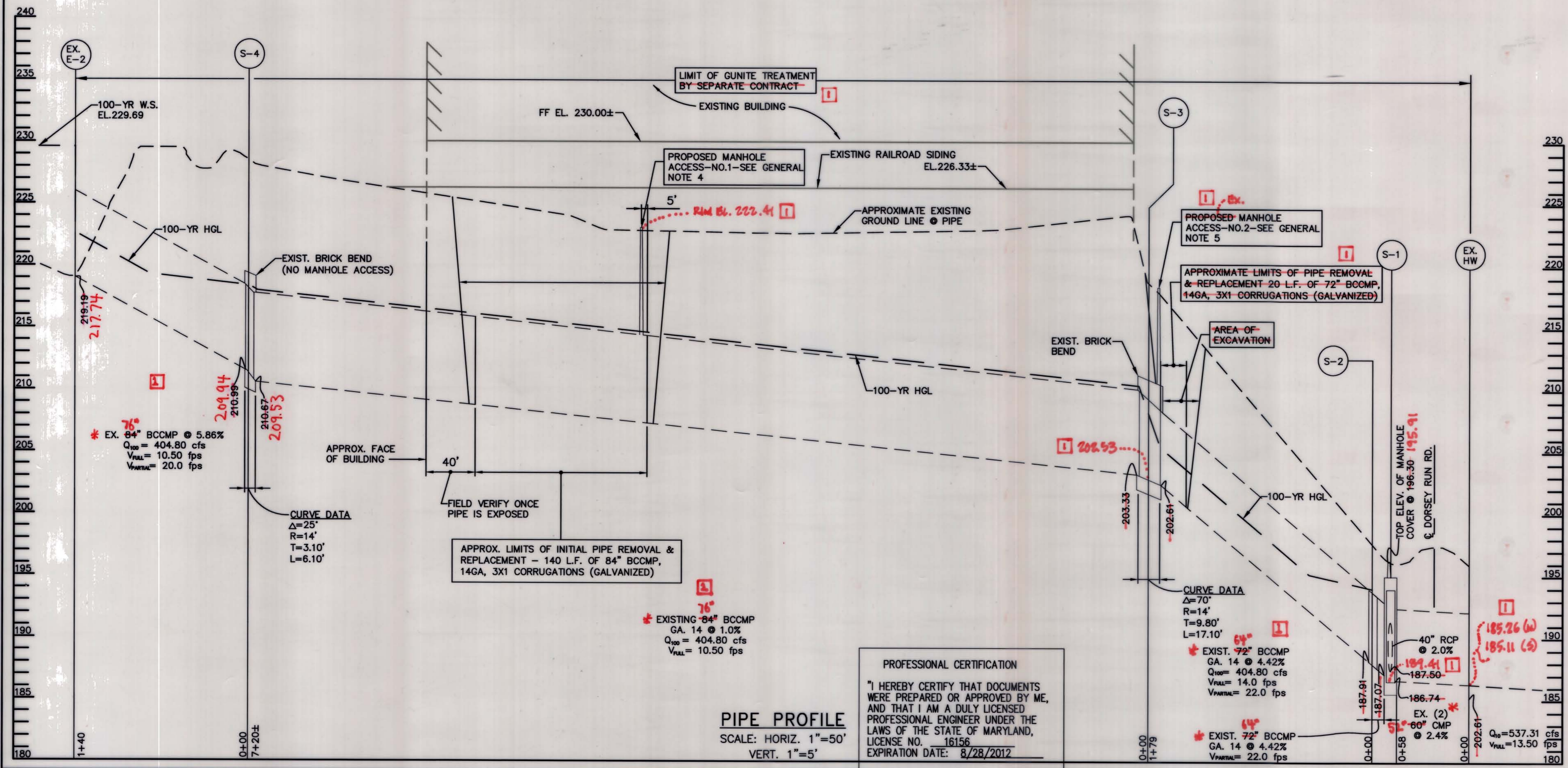
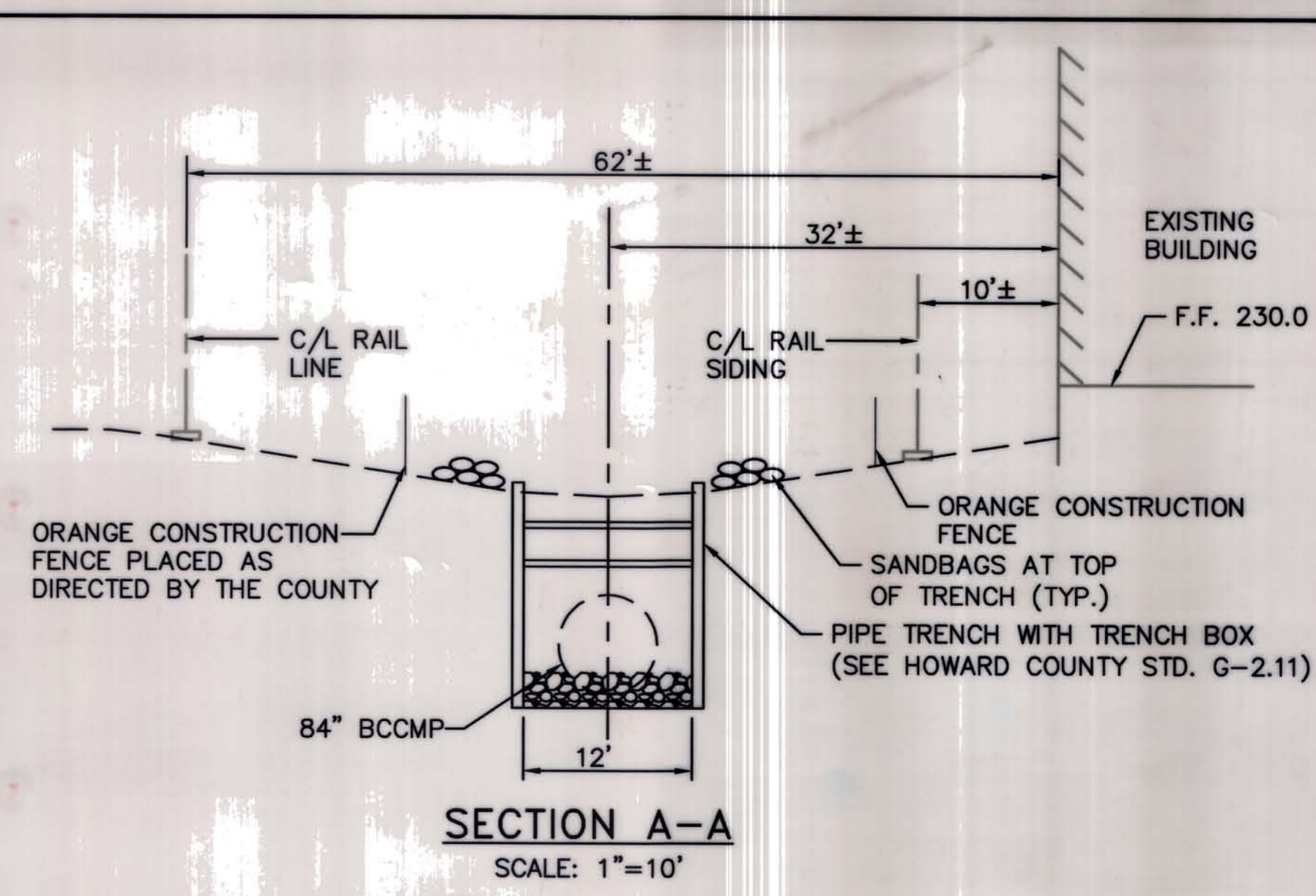
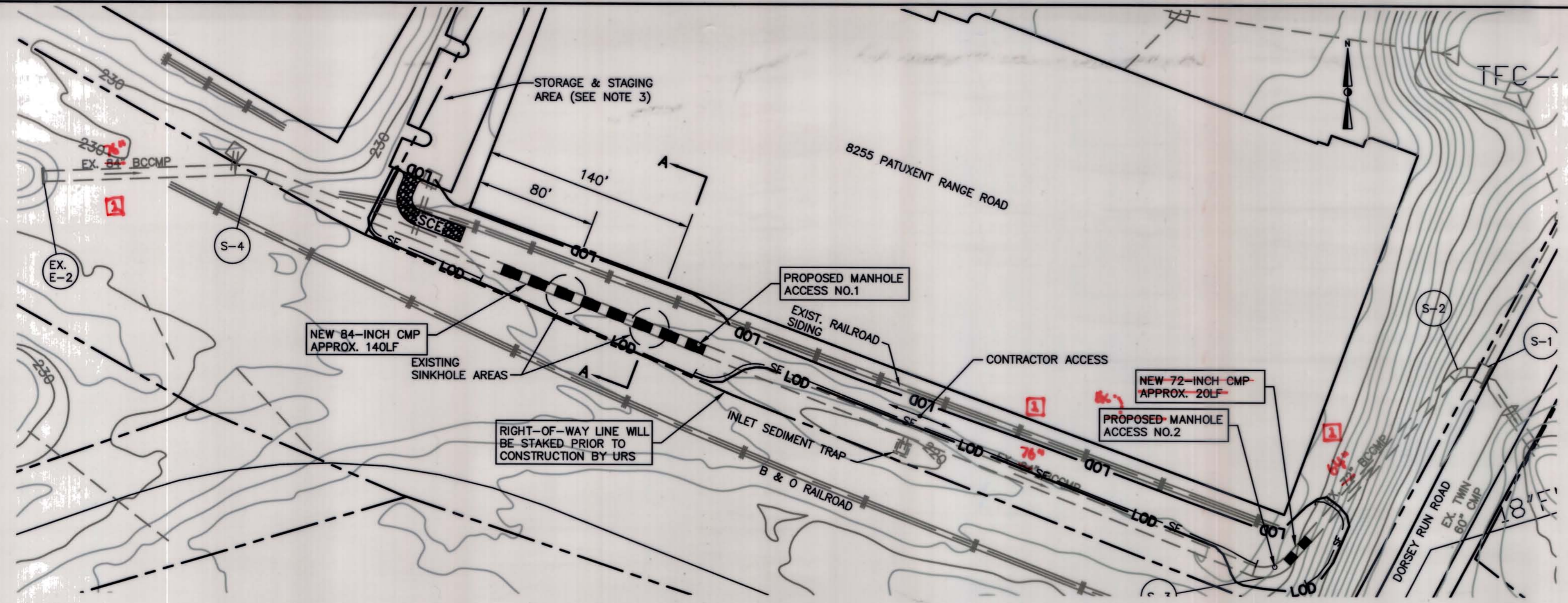
PIPE REPAIR  
8255 PATUXENT RANGE ROAD

ELECTION DISTRICT NO. 1 - JESSUP, MARYLAND  
CAPITAL PROJECT D-1125

SCALE

AS SHOWN

SHEET  
1 OF 3



- LEGEND**
- SF — SILT FENCE
  - SSF — SUPER SILT FENCE
  - OCF — ORANGE CONSTRUCTION FENCE
  - LOD — LIMIT OF DISTURBANCE SEED
  - SCE — STABILIZED CONSTRUCTION ENTRANCE
  - SIP — STANDARD INLET PROTECTION
  - FB — FILTER BAG

SEE SHEET 1 FOR GENERAL NOTES

\* NOTE: GUNITE TREATMENT REDUCED DIAMETER BY 8" [ ]

THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
*John R. Roberts, Inc.* 11/5/10  
 HOWARD SOIL CONSERVATION DISTRICT DATE

ENGINEER'S CERTIFICATE  
 "I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."  
*David T. Moriconi* 11-5-10  
 SIGNATURE OF ENGINEER (PRINT NAME BELOW SIGNATURE) DATE

DEVELOPER'S CERTIFICATE  
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."  
*Chris Fleming* 11/5/10  
 SIGNATURE OF DEVELOPER (PRINT NAME BELOW SIGNATURE) DATE  
 ACTING

PROFESSIONAL CERTIFICATION  
 "I HEREBY CERTIFY THAT DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 16156, EXPIRATION DATE: 8/28/2012"

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
*Steve Shann* 11/5/10  
 DIRECTOR OF PUBLIC WORKS DATE  
*Mike R. M... 11-5-10*  
 ACT. CHIEF, BUREAU OF ENGINEERING DATE  
 CHIEF, BUREAU OF HIGHWAYS DATE

PREPARED BY  
**URS**  
 4 NORTH PARK DRIVE  
 HUNT VALLEY, MARYLAND  
 TEL: (410) 780-7220



DES:	DTM	AS-BUILT	4/2003
DRN:	BJK		
CHK:	DTM		
DATE:	10/2010		
BY:	NO.	REVISION	DATE

PLAN, PIPE PROFILE AND DETAILS  
 SCALE MAP NO. \_\_\_\_\_ BLOCK NO. \_\_\_\_\_

PIPE REPAIR  
 8255 PATUXENT RANGE ROAD  
 ELECTION DISTRICT NO. 1 - JESSUP, MARYLAND  
 CAPITAL PROJECT D-1125  
 SCALE AS SHOWN  
 SHEET 2 OF 3

