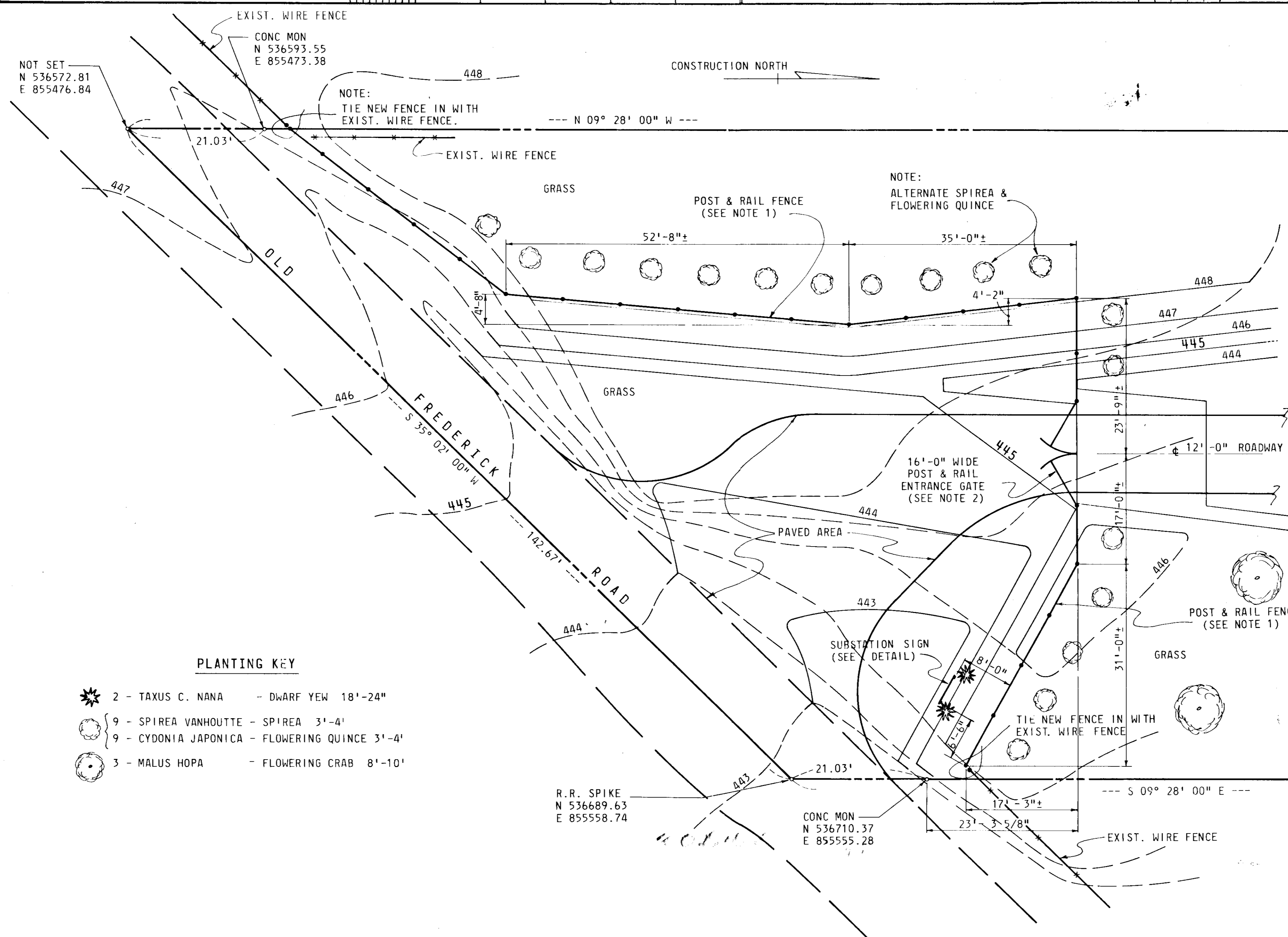


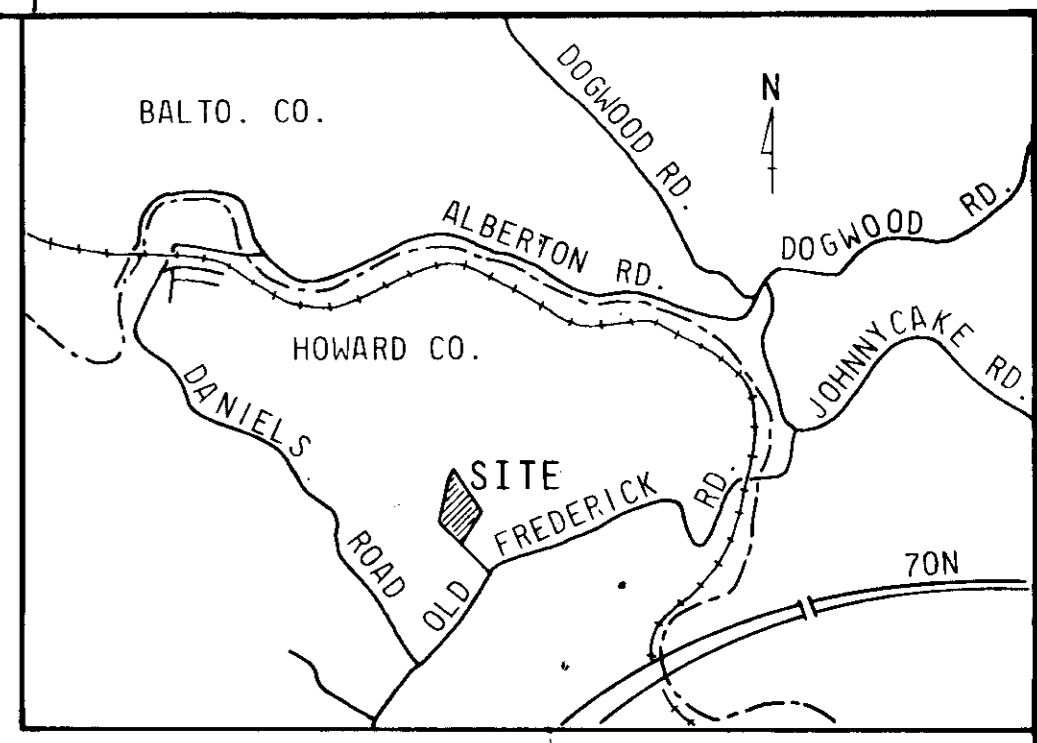
1"=10' 10' 5' 0' 10' 20' 30' 40' 50' 1/4"=1'-0" 5' 0' 5' 10' 15' 20'



**PLANTING KEY**

- 2 - TAXUS C. NANA - DWARF YEW 18'-24"
- 9 - SPIREA VANHOUTTE - SPIREA 3'-4'
- 9 - CYDONIA JAPONICA - FLOWERING QUINCE 3'-4'
- 3 - MALUS HOPA - FLOWERING CRAB 8'-10'

APPROVED  
 DIVISION OF LAND DEVELOPMENT  
 WITH TRANSPORTATION PLANNING  
 HOWARD COUNTY, MARYLAND  
 5/22/75  
*[Signature]*



VICINITY PLAN  
 SCALE: 1"=2000'

- NOTES & SPECIFICATIONS:
- FENCE: FENCE TO BE HABITANT WESCHESTER LAP & RAIL DESIGN NO. 810-34, (4' HIGH, 3 RAIL) MADE OF MICHIGAN WHITE CEDAR.
  - GATE: ENTRANCE GATE TO BE 16'-0" HABITANT POST & RAIL TYPE TO SUIT FENCE DESIGN NO. 810-34. PROVIDE LOCK AND CHAIN FOR ENTRANCE GATE, AS WELL AS ONE CANE BOLT AND BOTTOM KEEPER FOR EACH GATE LEAF.
  - SEEDING: ALL AREAS DISTURBED BY GRADING OTHER THAN THOSE COVERED WITH STONE SHALL BE STABILIZED BY SEEDING AND MULCHING AS SOON AS AREAS ARE AVAILABLE FOR GROUNDS PREPARATION. APPROXIMATELY 2 INCHES OF TOP SOIL WILL BE APPLIED & SEEDING WITH 70% KENTUCKY FESCUE, 20% DOMESTIC RYE & 10% CREEPING RED FESCUE AT THE RATE OF 6 POUNDS PER 1000 SQ. FT. WITH RYE GRAIN APPLIED AS NECESSARY FOR TEMPORARY COVER, & FERTILIZED WITH 25 POUNDS OF 10-10-10 PER 1000 SQ. FT., LIME AS NEEDED BY TEST. SLOPE STABILIZATION WILL INCLUDE SEEDING FERTILIZING & MULCHING. CRITICAL AREAS AROUND FENCE, STEEP SLOPE AREAS & DIVERSIONS SHALL HAVE LUDLOW "SOIL SAVER" JUTE NETTING APPLIED TO SURFACES WITH SIX INCH WIRE STAPLES. OTHER AREAS TO BE MULCHED WITH STRAW & SECURED.
  - TREAT FENCE, GATE & SUBSTATION SIGN POSTS WITH PENTACHLOROPHENOL TO PROVIDE PROTECTION AGAINST ROT AND TERMITES.
  - FOR GRADING & ROADWAY SPECIFICATIONS SEE DWG 218-006-E.

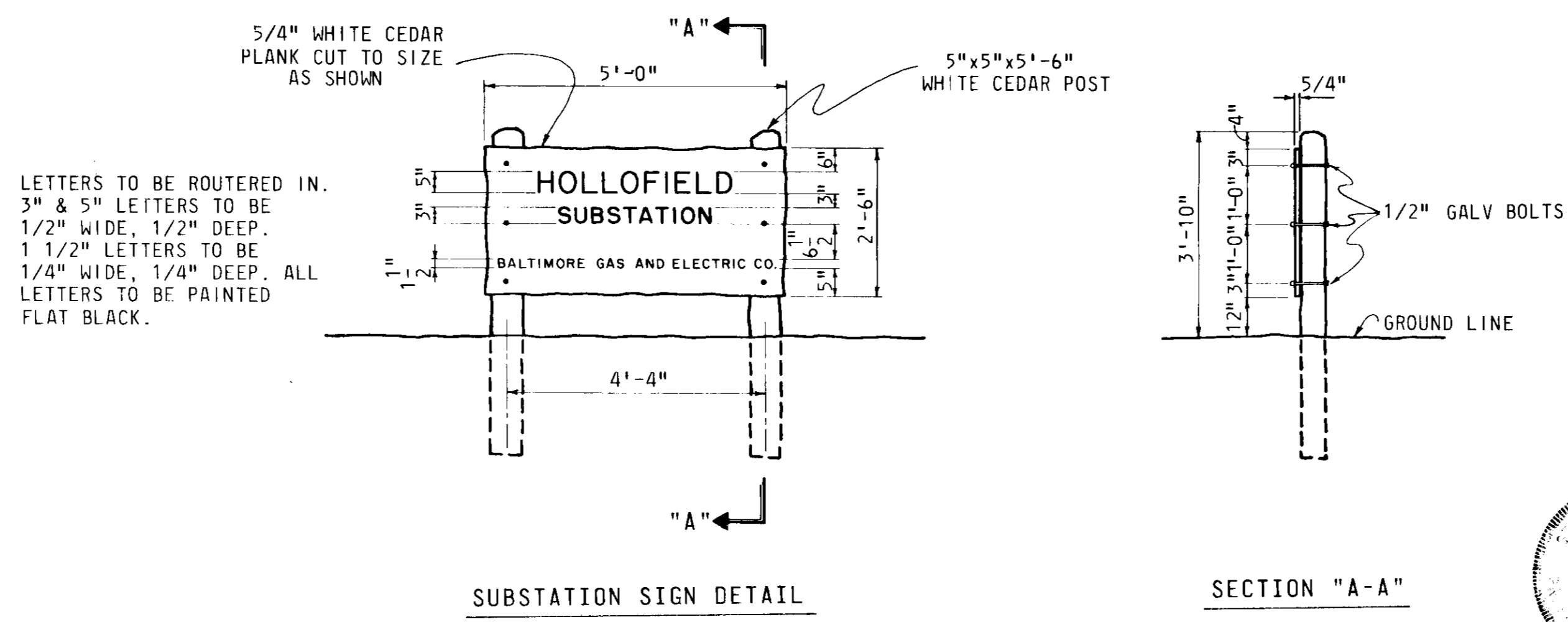
APPROVED: WITHOUT WATER OR SEWER SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
*[Signature]* 7/10/75  
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING.  
*[Signature]* 7-10-75  
 PLANNING DIRECTOR DATE

*[Signature]* 7/10/75  
 CHIEF: DIV. OF LAND DEVELOPMENT & TRANSPORTATION PLANNING DATE

APPROVED: FOR PUBLIC STORM DRAIN SYSTEMS & ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 7-9-75  
 DIRECTOR DATE

*[Signature]* 7/13/75  
 CHIEF: BUREAU OF HIGHWAYS DATE



LETTERS TO BE ROUTERED IN.  
 3" & 5" LETTERS TO BE 1/2" WIDE, 1/2" DEEP.  
 1 1/2" LETTERS TO BE 1/4" WIDE, 1/4" DEEP. ALL LETTERS TO BE PAINTED FLAT BLACK.

REV.	DATE	DESCRIPTION	APPROVAL

ENGINEERING	CIVIL	MECH.	ELEC.	MANAGER
DESIGN & DRAFTING	DESIGNED	DRAWN	CHECKED	APPROVED

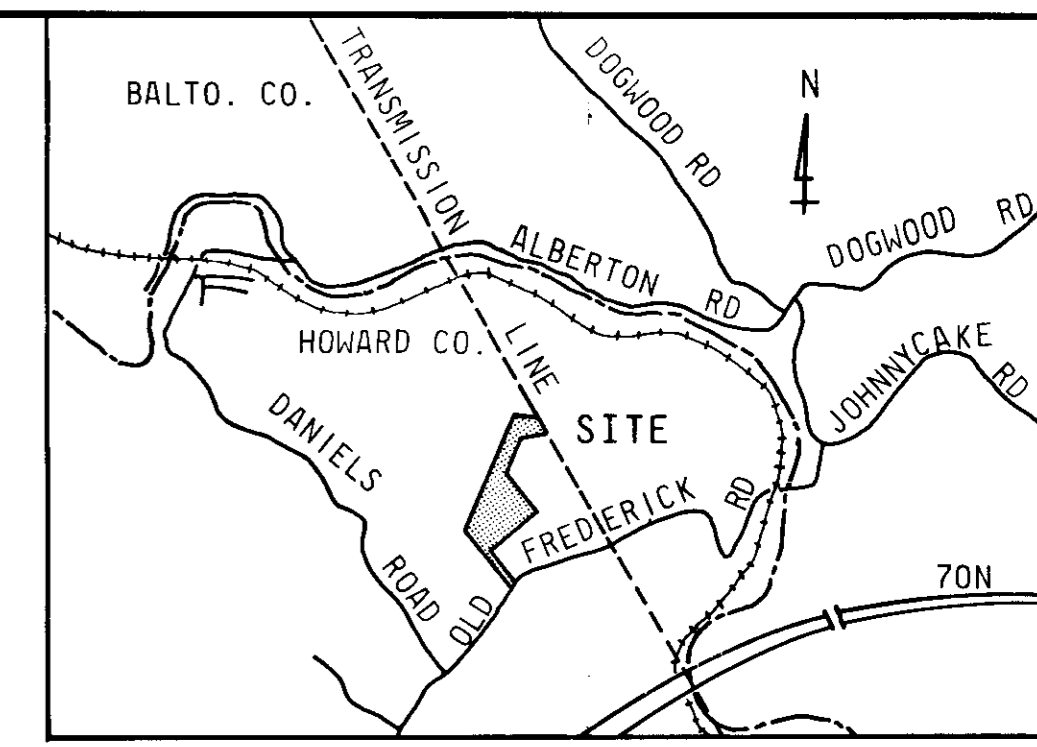
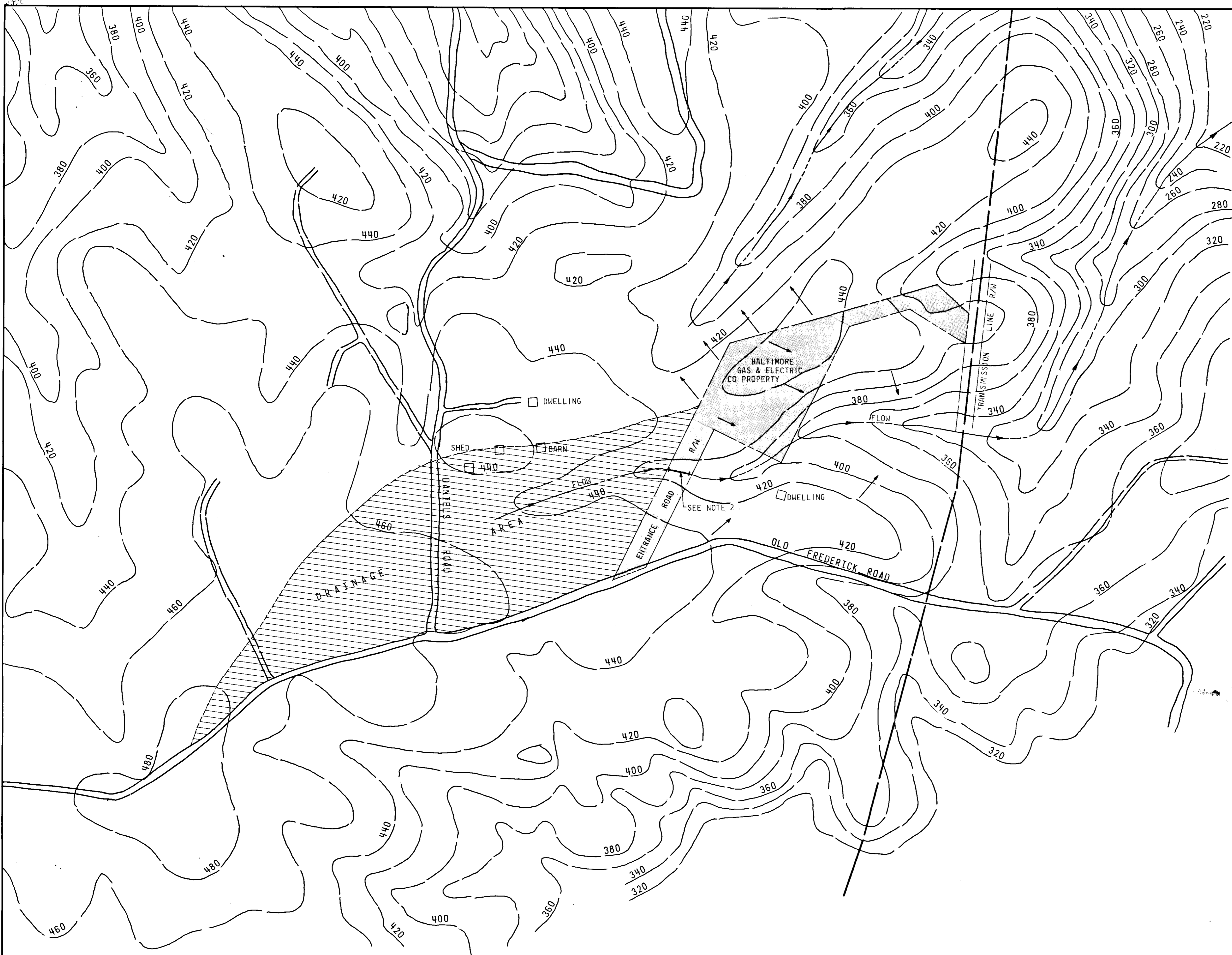
SHEET 1 OF 7  
 HOWARD COUNTY, MARYLAND  
 ELECTION DISTRICT #II  
 TAX MAP #18 E.D.P. 75-70

LOCATION PLAN  
 FOR ENTRANCE GATE  
 FENCING & SUBSTATION SIGN  
 SHOWING LANDSCAPING  
 115-13KV SUBSTATION

HOLLOFIELD  
 BALTIMORE GAS AND ELECTRIC COMPANY  
 ELECTRIC ENGINEERING DEPARTMENT

SCALE 1" = 10'  
 DWG. NO. 218-020-D  
 REV.

*[Signature]*  
 James B. Vogt



- LEGEND:  
 [Symbol] INDICATES OUTDOOR SUBSTATION SITE.  
 [Symbol] INDICATES DRAINAGE AREA TO SUBSTATION SITE.
- NOTES
1. CONTOURS SHOWN HEREON WERE TAKEN FROM A U.S. GEOLOGICAL SURVEY PREPARED IN 1953.
  2. FOR DRAINAGE PIPE INFORMATION, HEAD WALLS AND FINISHED GRADES IN THIS AREA SEE DWG 218-006-E.
  3. AREA DRAINED IS EQUAL TO 24 ACRES.
  4. RUNOFF FROM DRAINAGE-AREA IS EQUAL TO 34 CFS WITH A MAXIMUM VELOCITY EQUAL TO 8 FEET PER SECOND FOR A 100 YEAR STORM.
  5. DRAINAGE AREA CONTRIBUTING TO FLOW THROUGH PIPE UNDER ENTRANCE ROAD IS MOSTLY GRASS COVERED AGRICULTURAL LAND WITH AN AVERAGE SLOPE EQUAL TO 3 PERCENT.
  6. BALTIMORE GAS & ELECTRIC COMPANY PROPERTY IS EQUAL TO 7.7950± ACRES.

APPROVED: WITHOUT WATER OR SEWER SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT.  
*J.P. [Signature]* 7/10/75  
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING.  
*[Signature]* 7-10-75  
 PLANNING DIRECTOR DATE

APPROVED: CHIEF: DIV. OF LAND DEVELOPMENT & TRANSPORTATION PLANNING  
*[Signature]* 7/10/75  
 DATE

APPROVED: FOR PUBLIC STORM DRAIN SYSTEMS & ROADS  
 HOWARD COUNTY DEPT. OF PUBLIC WORKS  
*[Signature]* 7-9-75  
 DIRECTOR DATE

*[Signature]* 7/3/75  
 CHIEF: BUREAU OF HIGHWAYS DATE

218-018-D

SHEET 2 OF 7  
 HOWARD COUNTY MARYLAND  
 ELECTION DISTRICT # II  
 TAX MAP #18 S.D.P. 75-70

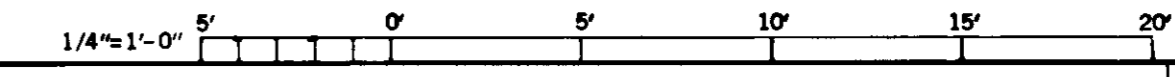
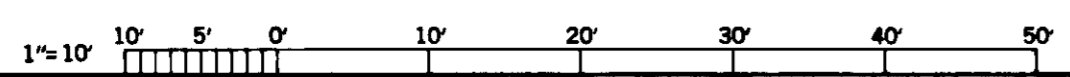
JOB ORDER	REV.	DATE	DESCRIPTION	APPROVAL
EC-9615		1975	INSTLN OF 1- 40MVA TR & 4- 13kv FDR POS	

ENGINEERING	
CIVIL <i>[Signature]</i>	
MECH <i>[Signature]</i>	
ELEC <i>[Signature]</i>	
CHIEF ENG. <i>[Signature]</i>	
MANAGER <i>[Signature]</i>	
DESIGN & DRAFTING	
DESIGNED <i>[Signature]</i>	
DRAWN <i>[Signature]</i>	
CHECKED <i>[Signature]</i>	
APPROVED <i>[Signature]</i> 4-21-75	
DATED	

DRAINAGE AREA  
 MAP  
 115-13KV SUBSTATION  
 HOLLOWFIELD  
 BALTIMORE GAS AND ELECTRIC COMPANY  
 ELECTRIC ENGINEERING DEPARTMENT

REPROD. FROM DWG. SCALE 1"=200'  
 DWG. NO. 218-018-D

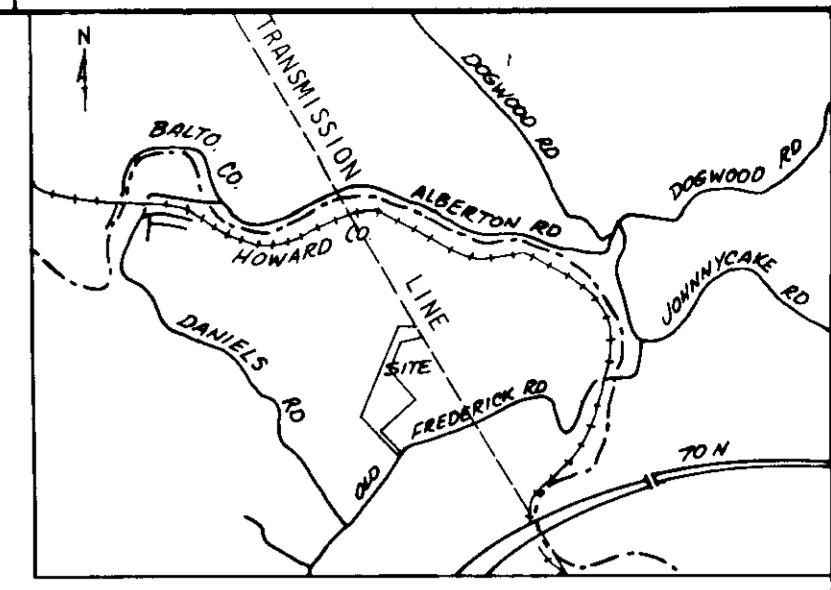
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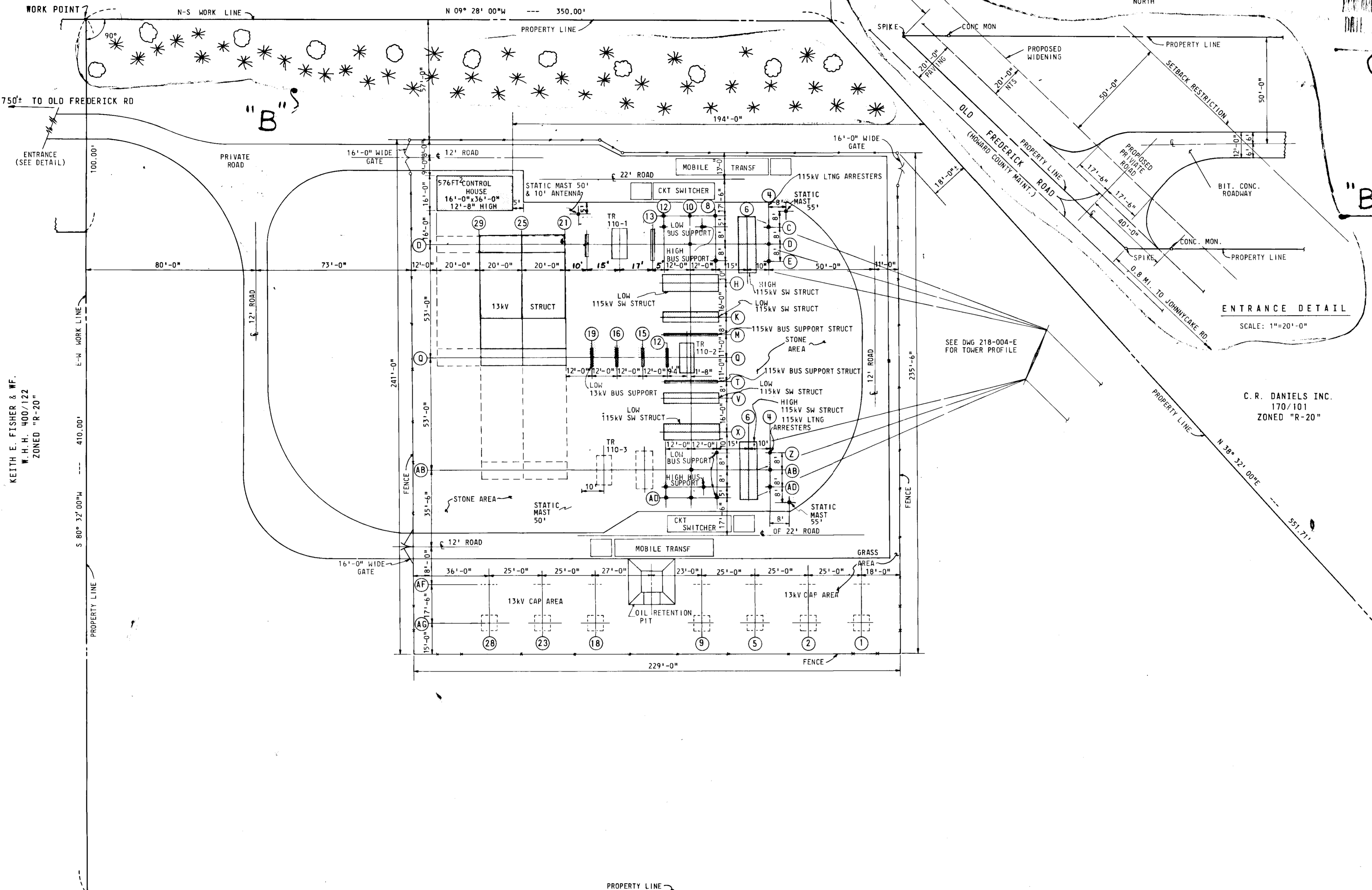
JOHN C. KUHN, SR.  
C.M.P. 550/79

C.R. DANIELS INC.  
170/101

APPROVED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE 5/22/75  
*J. B. Wood*



VICINITY PLAN  
SCALE: 1"=2000'



KEITH E. FISHER & WF.  
W. H. H. 400/122  
ZONED "R-20"

C.R. DANIELS INC.  
170/101  
ZONED "R-20"

- NOTES
- INDICATES 1974 INSTALLATION.
  - STONE AREA: 4" OF STONE COVER TO BE PLACED OVER NEW FINISHED GRADE WHERE INDICATED. STONE COVER SHALL BE MARYLAND STATE HIGHWAY DESIGNATION SPEC-4 BLUE-GRAY CRUSHED TRAP ROCK. VENDOR SHALL MAKE NECESSARY ARRANGEMENTS TO ENSURE UNIFORM COLOR OVER ENTIRE AREA. LOS ANGELES ABRASION RATING SHALL BE LESS THAN 50%.
  - ROADWAY: COMPACT SUBGRADE TO 95% DENSITY AS DETERMINED BY (ASTM-1557-70). INSTALL 8" OF CR-467 CRUSHED STONE BASE IN TWO LIFTS & COMPACT EACH LIFT WITH A 10 TON ROLLER. INSTALL 2" BITUMINOUS BINDER COURSE, (B1 BAND). INSTALL 1" BITUMINOUS CONCRETE SURFACE, (SN BAND) AS PER MARYLAND STATE HIGHWAY ADMINISTRATION SPEC. TACK COATS OF HOT ASPHALT ARE TO BE PLACED AS REQUIRED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE, SECTION C-31-4.
  - FENCE: TO BE CHAIN LINK CONSTRUCTION WITH AN OVERALL HEIGHT OF 8'-0" CONSISTING OF 7'-0" OF FABRIC WITH THREE (3) STRANDS OF BARBED WIRE TURNED OUT.
  - HOLLOFIELD IS AN UNATTENDED SUBSTATION & NO PERMANENT EMPLOYEES WILL BE LOCATED ON THE PREMISES & THEREFORE NO SANITARY FACILITIES WILL BE PROVIDED.
  - SEEDING: ALL AREAS DISTURBED BY GRADING OTHER THAN THOSE COVERED WITH STONE SHALL BE STABILIZED BY SEEDING AND MULCHING AS SOON AS AREAS ARE AVAILABLE FOR GROUNDS PREPARATION. APPROXIMATELY 2 INCHES OF TOP SOIL WILL BE APPLIED & SEEDING WITH 70% KENTUCKY FESCUE, 20% DOMESTIC RYE & 10% CREEPING RED FESCUE AT THE RATE OF 6 POUNDS PER SQ. FT. WITH RYE GRAIN APPLIED AS NECESSARY FOR TEMPORARY COVER, & FERTILIZED WITH 25 POUNDS OF 10-10-10 PER 1000 SQ. FT. LIME AS NEEDED BY SLOPE STABILIZATION WILL INCLUDE SEEDING, FERTILIZING & MULCHING. CRITICAL AREAS AROUND FENCE, STEEP SLOPE AREAS & DIVERSIONS SHALL HAVE LUDLOW "SOIL SAVER" JUTE NETTING APPLIED TO SURFACES WITH SIX INCH WIRE STAPLES. OTHER AREAS TO BE MULCHED WITH STRAW & SECURED.

APPROVED: WITHOUT WATER OR SEWER SYSTEMS.  
*Spencer D. 7/10/75*  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*James B. Wood 7-10-75*  
PLANNING DIRECTOR DATE

APPROVED: DIV. OF LAND DEVELOPMENT & TRANSPORTATION PLANNING  
*W. H. H. 7/10/75*  
DATE

APPROVED: FOR PUBLIC STORM DRAIN SYSTEMS & ROADS  
HOWARD COUNTY DEPT. OF PUBLIC WORKS  
*W. H. H. 7-9-75*  
DIRECTOR DATE

*J. B. Wood 7/3/75*  
CHIEF: BUREAU OF HIGHWAYS DATE

218-003-E

KEITH E. FISHER & WF.  
W. H. H. 400/122  
ZONED "R-20"

LANDSCAPING AS PER EXHIBIT 15 CASE BA-784-C  
PLANTING KEY  
\* 45 - PEER ABIES - NORWAY SPRUCE AND PINUS STROBUS - WHITE PINE 5'-6"  
11 - FLOWERING CRAB & SHADE TREES 8'-10"  
SEEDING MIXTURE ON TREE SLOPE TO BE PREDOMINATELY CROWN VETCH.

PROPERTY INFORMATION  
LOCATED IN HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT 2  
ZONED "R-20"  
TAX MAP #18, PART OF PARCEL #3  
AREA: 7.7950± ACRES

REFERENCE DRAWINGS:  
218-001-E CONSTRUCTION ONE LINE  
218-002-E LOCATION PLAN  
218-005-E ROADWAY SPEC. & ROADWAY  
218-004-E PLOT PLAN FOR ZONING

OWNER & DEVELOPER  
BALTO. GAS & ELECT. CO.  
GAS & ELECT. BLDG.  
BALTO., MD. 21203



*James B. Wood*

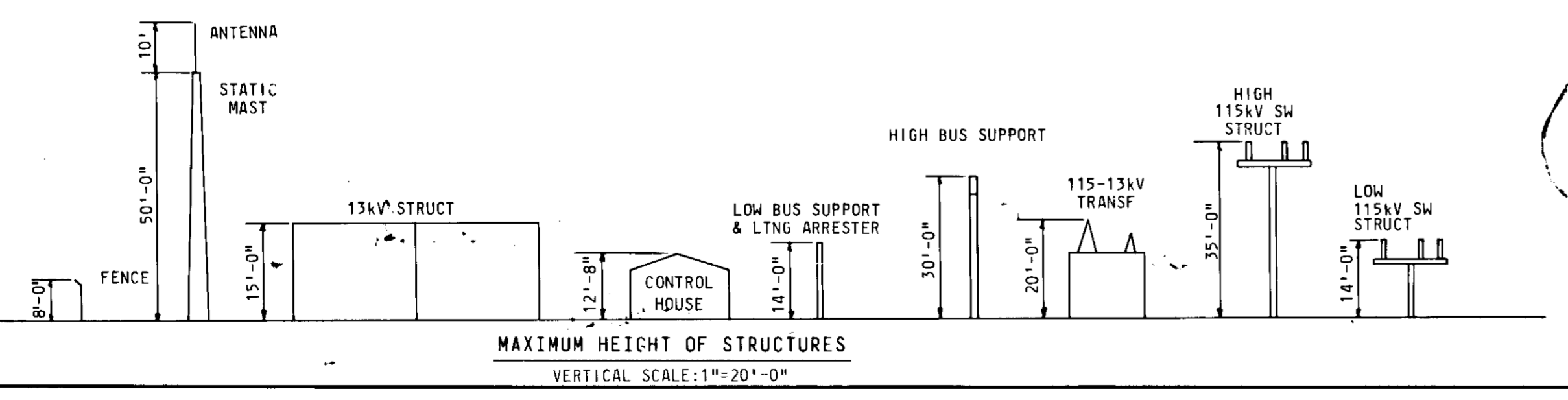
JOB ORDER	REV.	DATE	DESCRIPTION	APPROVAL	ENGINEERING
EC-9615		1974	INSTALL OF 1-40MVA TRANSF & 3-13KV FDR		CIVIL <i>[Signature]</i>
EC-9615	A	2-3-75	INSTLN OF OIL RESERVOIR PIT		MECH. <i>[Signature]</i>
EC-9615	B	4-20-75	REVISED ENTRANCE & ROADWAY SPEC. ADDED LANDSCAPING & SIGNATURE BLOCK		ELEC. <i>[Signature]</i> CHIEF ENG. <i>[Signature]</i> MANAGER <i>[Signature]</i>
	C	4-10-76	ADD 13KV BUS STRUCTURE		DESIGN & DRAFTING
	D	7-10-77	ADDED TRANSF. 110-1 & STRUCT		DESIGNED <i>[Signature]</i> DRAWN <i>[Signature]</i> CHECKED <i>[Signature]</i> APPROVED 11-21-73 DATE

HOWARD COUNTY MARYLAND  
ELECTION DISTRICT II  
TAX MAP #18 S.D.P. 75-70.

SITE DEVELOPMENT PLAN  
FOR  
BUILDING PERMIT  
115-13KV SUBSTATION  
HOLLOFIELD

BALTIMORE GAS AND ELECTRIC COMPANY  
ELECTRIC ENGINEERING DEPARTMENT

REPROD. FROM DWG. SCALE 1"=25'-0"  
DWG. NO. 218-003-E  
DATED

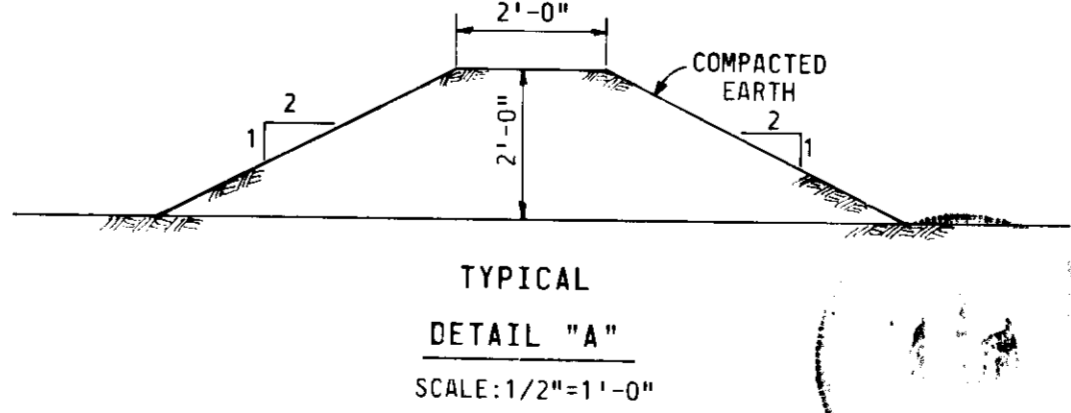
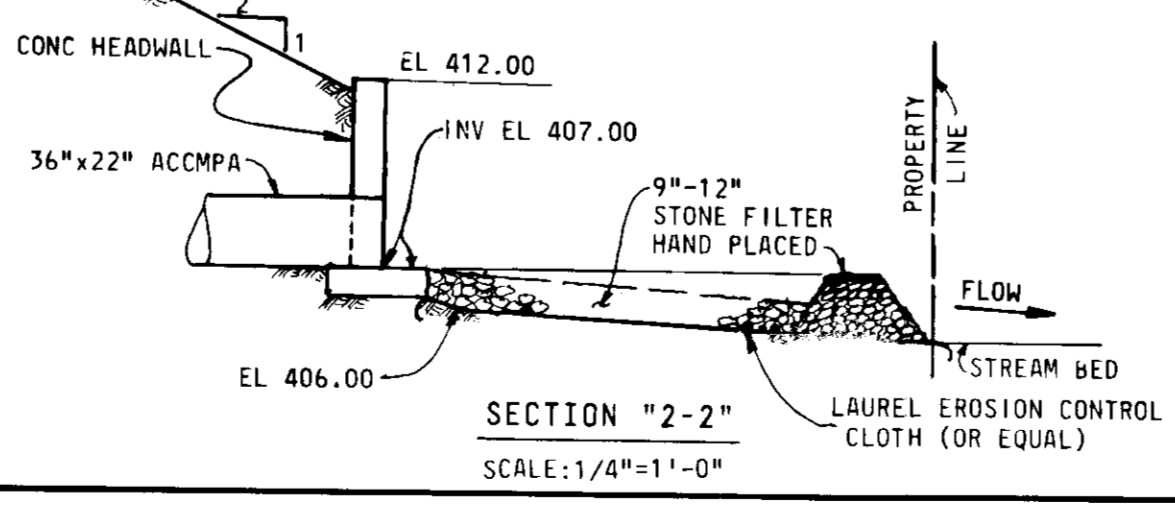
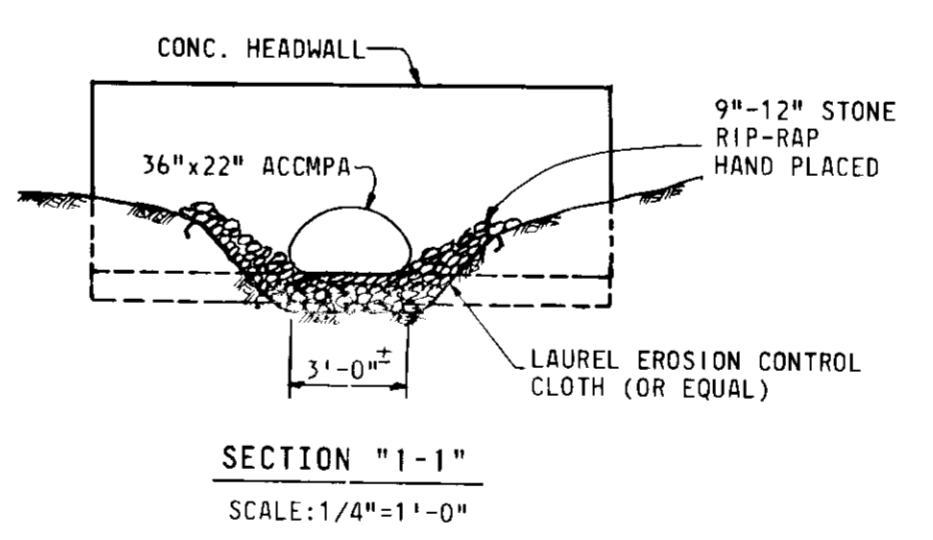
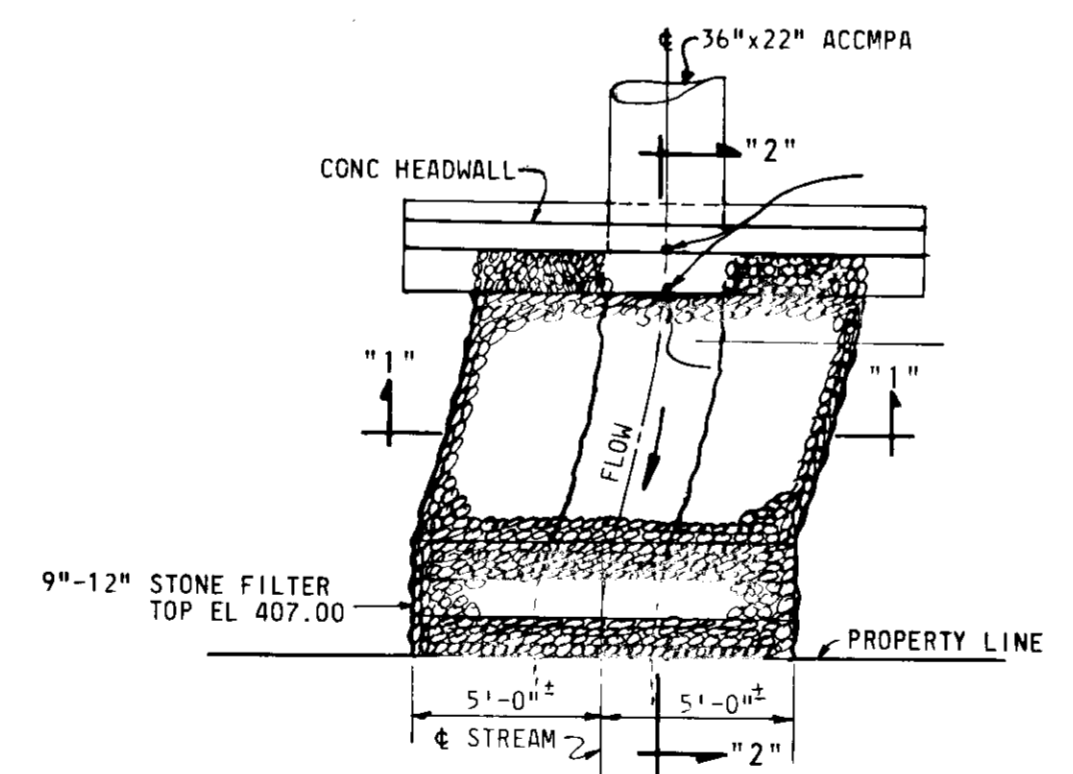
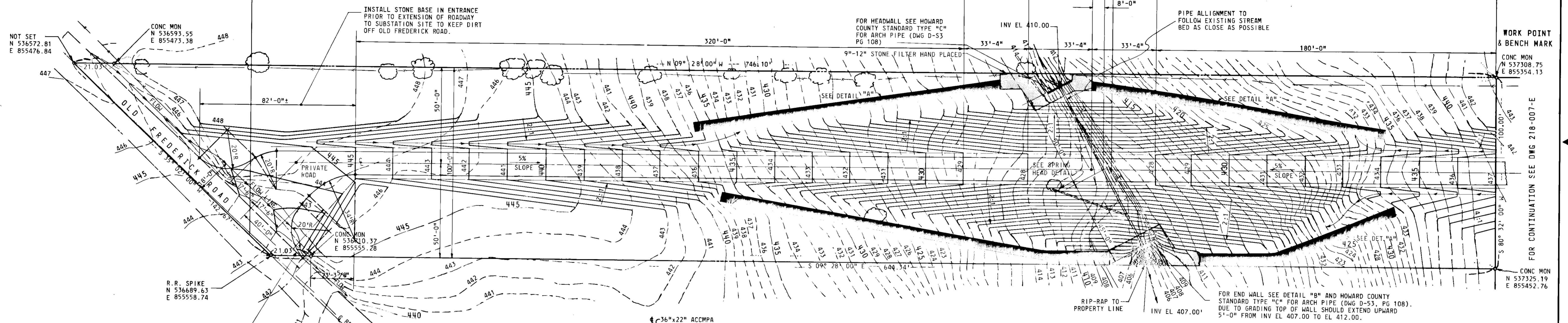
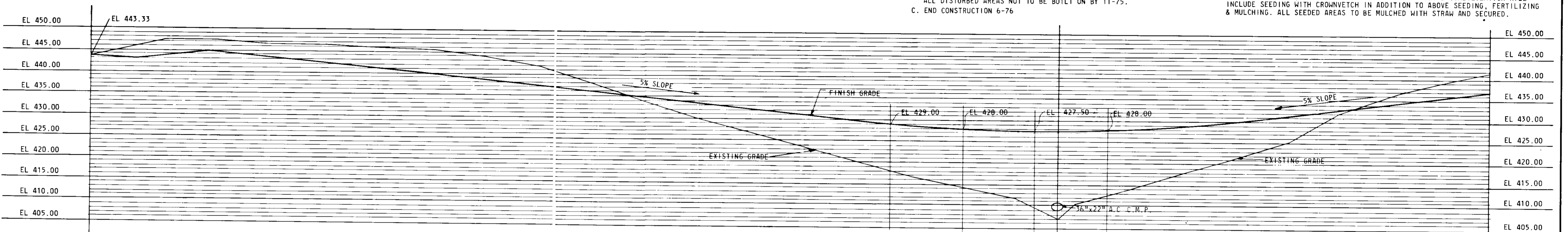


MAXIMUM HEIGHT OF STRUCTURES  
VERTICAL SCALE: 1"=20'-0"



4. BENCH MARK: CONC MON EL. 443.96 LOCATED APPROXIMATELY 746' FROM THE CENTER LINE OF OLD FREDERICK RD. ALONG THE WEST PROPERTY LINE.
5. STANDARD METAL STRAPPED BALES OF STRAW ARE TO BE PLACED WHERE INDICATED & SECURED PRIOR TO GRADING.
6. SEQUENCE OF CONSTRUCTION:
  - A. CLEAR & GRUB
  - B. INSTALL SEDIMENTATION DEVICES
  - C. INITIAL GRADING
  - D. INSTALL ROADWAY
  - E. FINISH GRADING
  - F. INSTALL STONE COVER
7. CONSTRUCTION SCHEDULE:
  - A. BEGIN GRADING 8-75
  - B. END GRADING, PLACEMENT OF STONE CHIP STABILIZATION ALL DISTURBED AREAS NOT TO BE BUILT ON BY 11-75.
  - C. END CONSTRUCTION 6-76

- NOTES
1. GRADING: DOTTED CONTOUR LINES INDICATE EXISTING TOP OF GRADE. SOLID CONTOUR LINES INDICATE NEW TOP OF GRADE. ALL FILL TO BE WELL COMPACTED TO 95% OF MAXIMUM DENSITY (ASTM D1557-70).
  2. ROADWAY: COMPACT SUBGRADE TO 95% DENSITY AS DETERMINED BY (ASTM-1557-70). INSTALL 8" OF CR-467 CRUSHED STONE BASE IN TWO LIFTS & COMPACT EACH LIFT WITH A 10 TON ROLLER. INSTALL 2" BITUMINOUS CONCRETE SURFACE, (81 BAND). INSTALL 1" BITUMINOUS CONCRETE COURSE, (81 BAND) AS PER MARYLAND STATE HIGHWAY ADMINISTRATION SPEC. TACK COATS OF HOT ASPHALT ARE TO BE PLACED AS REQUIRED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE, SECTION C-31-4.
  - SEEDING: ALL AREAS DISTURBED BY GRADING OTHER THAN THOSE COVERED WITH STONE SHALL BE STABILIZED BY SEEDING AND MULCHING AS SOON AS AREAS ARE AVAILABLE FOR GROUNDS PREPARATION. APPROXIMATELY 2 INCHES OF TOP SOIL WILL BE APPLIED & SEEDED WITH 70% KENTUCKY FESCUE, 20% DOMESTIC RYE & 10% CREEPING RED FESCUE AT THE RATE OF 6 POUNDS PER 1000 SQ. FT. WITH RYE GRAIN APPLIED AS NECESSARY FOR TEMPORARY COVER, & FERTILIZED WITH 25 POUNDS OF 10-10-10 PER 1000 SQ. FT. LIME AS NEEDED BY TEST. 2:1 SLOPE STABILIZATION WILL INCLUDE SEEDING WITH CROWN VETCH IN ADDITION TO ABOVE SEEDING, FERTILIZING & MULCHING. ALL SEEDED AREAS TO BE MULCHED WITH STRAW AND SECURED.



BY THE DEVELOPER:  
 "I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION & SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY." DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY HOWARD SOIL CONSERVATION DISTRICT.  
 Signature: *Richard M. Lutz*  
 DATE: 6/16/75

BY THE ENGINEER:  
 "I CERTIFY THAT THIS PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."  
 Signature: *James B. Vogt*  
 DATE: 6-5-75

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS  
 Signature: *C. Wayne Ray*  
 U.S. SOIL CONSERVATION SERVICE  
 DATE: 7-2-75

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 Signature: *Blair W. Zickler*  
 DATE: 7-2-75  
 HOWARD SOIL CONSERVATION DISTRICT

APPROVED: WITHOUT WATER OR SEWER SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
 Signature: *James B. Vogt*  
 COUNTY HEALTH OFFICER DATE: 7/13/75

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 Signature: *James B. Vogt*  
 PLANNING DIRECTOR DATE: 7-10-75

CHIEF: DIV. OF LAND DEVELOPMENT & TRANSPORTATION PLANNING  
 Signature: *James B. Vogt*  
 DATE: 7-10-75

APPROVED: FOR PUBLIC STORM DRAIN SYSTEMS & ROADS HOWARD COUNTY DEPT. OF PUBLIC WORKS  
 Signature: *James B. Vogt*  
 DATE: 7-10-75

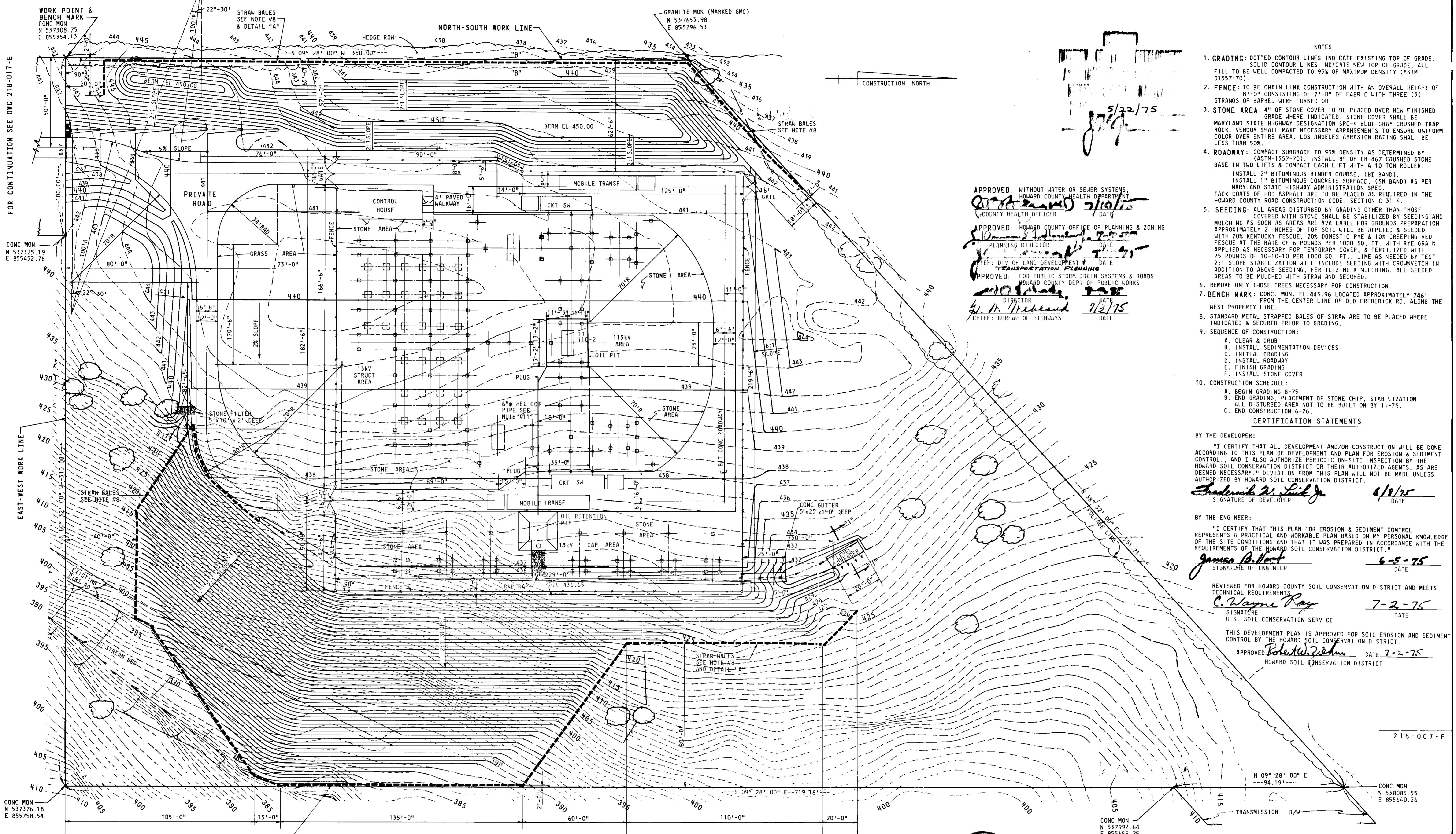
DIRECTOR  
 Signature: *James B. Vogt*  
 CHIEF: BUREAU OF HIGHWAYS DATE: 7/13/75

JOB ORDER	REV.	DATE	DESCRIPTION	APPROVAL	ENGINEERING
EC-9615		1974	INSTALL OF 1-40MVA TRANSF & 4-13KV FDR POS		CIVIL MECH. ELEC. CHIEF ENG. <i>James B. Vogt</i> MANAGER
					DESIGN & DRAFTING DESIGNED <i>James B. Vogt</i> DRAWN <i>James B. Vogt</i> CHECKED <i>James B. Vogt</i> APPROVED <i>James B. Vogt</i>

HOWARD COUNTY MARYLAND ELECTION DISTRICT II TAX MAP #18 S.D.P. 75-70.	SEDIMENT CONTROL FOR ENTRANCE ROAD
115-13KV SUBSTATION	HOLLOFIELD
BALTIMORE GAS AND ELECTRIC COMPANY	ELECTRIC ENGINEERING DEPARTMENT
REPROD. FROM DWG. SCALE 1"=25'-0"	DWG. NO. 218-017-E
DATED	REV.

1"=10'

1/4"=1'-0"



FOR CONTINUATION SEE DWG 218-017-E

CONC MON  
N 537325.19  
E 855452.76

EAST-WEST WORK LINE

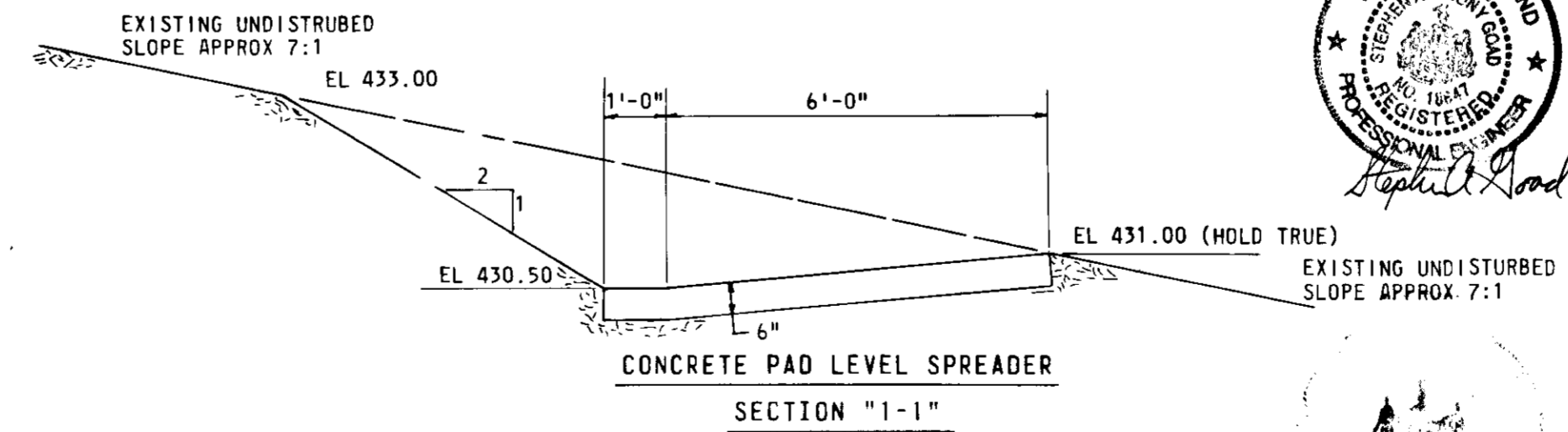
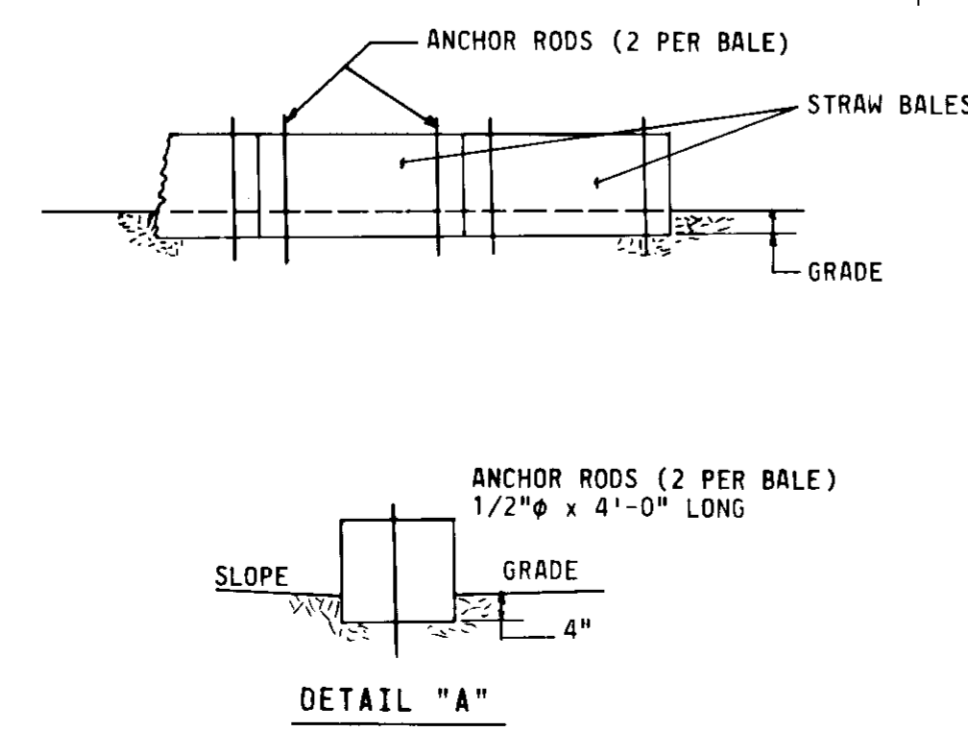
CONC MON  
N 537376.18  
E 855758.54

WORK POINT & BENCH MARK  
CONC MON  
N 537308.75  
E 855354.13

CONC MON  
N 537376.18  
E 855758.54

CONC MON  
N 537376.18  
E 855758.54

FIELD TO INSTALL ADDITIONAL BALES OF STRAW IF 1ST INSTALLATION OF BALES ARE OVERPOWERED BY SILT.



James B. Vogt

5/22/75  
JUL 1975

APPROVED: WITHOUT WATER OR SEWER SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT  
COUNTY HEALTH OFFICER  
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
PLANNING DIRECTOR  
DATE

APPROVED: DIV OF LAND DEVELOPMENT  
TEMPORARY PLANNING  
DATE

APPROVED: FOR PUBLIC STORM DRAIN SYSTEMS & ROADS  
HOWARD COUNTY DEPT OF PUBLIC WORKS  
DIRECTOR  
DATE

CHIEF: BUREAU OF HIGHWAYS  
DATE

- NOTES
- GRADING: DOTTED CONTOUR LINES INDICATE EXISTING TOP OF GRADE. SOLID CONTOUR LINES INDICATE NEW TOP OF GRADE. ALL FILL TO BE WELL COMPACTED TO 95% OF MAXIMUM DENSITY (ASTM D1557-70).
  - FENCE: TO BE CHAIN LINK CONSTRUCTION WITH AN OVERALL HEIGHT OF 8'-0" CONSISTING OF 7'-0" OF FABRIC WITH THREE (3) STRANDS OF BARBED WIRE TURNED OUT.
  - STONE AREA: 4" OF STONE COVER TO BE PLACED OVER NEW FINISHED GRADE WHERE INDICATED. STONE COVER SHALL BE MARYLAND STATE HIGHWAY DESIGNATION SPEC-4 BLUE-GRAY CRUSHED TRAP ROCK. VENDOR SHALL MAKE NECESSARY ARRANGEMENTS TO ENSURE UNIFORM COLOR OVER ENTIRE AREA. LOS ANGELES ABRASION RATING SHALL BE LESS THAN 50K.
  - ROADWAY: COMPACT SUBGRADE TO 95% DENSITY AS DETERMINED BY TWO LIFTS & COMPACT EACH LIFT WITH A 10 TON ROLLER. INSTALL 2" BITUMINOUS BINDER COURSE, (BT BAND). INSTALL 1" BITUMINOUS CONCRETE SURFACE, (SN BAND) AS PER MARYLAND STATE HIGHWAY ADMINISTRATION SPEC. TACK COATS OF HOT ASPHALT ARE TO BE PLACED AS REQUIRED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE, SECTION C-31-4.
  - SEEDING: ALL AREAS DISTURBED BY GRADING OTHER THAN THOSE COVERED WITH STONE SHALL BE STABILIZED BY SEEDING AND MULCHING AS SOON AS AREAS ARE AVAILABLE FOR GROUNDS PREPARATION. APPROXIMATELY 2 INCHES OF TOP SOIL WILL BE APPLIED & SEEDING WITH 70% KENTUCKY FESCUE, 20% DOMESTIC RYE & 10% CREEPING RED FESCUE AT THE RATE OF 6 POUNDS PER 1000 SQ. FT. WITH RYE GRAIN APPLIED AS NECESSARY FOR TEMPORARY COVER, & FERTILIZED WITH 25 POUNDS OF 10-10-10 PER 1000 SQ. FT.. LIME AS NEEDED BY TEST. 2:1 SLOPE STABILIZATION WILL INCLUDE SEEDING WITH CROWNVECH IN ADDITION TO ABOVE SEEDING, FERTILIZING & MULCHING. ALL SEEDED AREAS TO BE MULCHED WITH STRAW AND SECURED.
  - REMOVE ONLY THOSE TREES NECESSARY FOR CONSTRUCTION.
  - BENCH MARK: CONC. MON. EL. 443.96 LOCATED APPROXIMATELY 746' ALONG THE WEST PROPERTY LINE.
  - STANDARD METAL STRAPPED BALES OF STRAW ARE TO BE PLACED WHERE INDICATED & SECURED PRIOR TO GRADING.
  - SEQUENCE OF CONSTRUCTION:
    - CLEAR & GRUB
    - INSTALL SEDIMENTATION DEVICES
    - INITIAL GRADING
    - INSTALL ROADWAY
    - FINISH GRADING
    - INSTALL STONE COVER
  - CONSTRUCTION SCHEDULE:
    - BEGIN GRADING 8-75
    - END GRADING, PLACEMENT OF STONE CHIP, STABILIZATION ALL DISTURBED AREA NOT TO BE BUILT ON BY 11-75.
    - END CONSTRUCTION 6-76.
- CERTIFICATION STATEMENTS

BY THE DEVELOPER:

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION & SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY. NO DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY HOWARD SOIL CONSERVATION DISTRICT."

Signature: Frederick W. Lusk Jr. DATE: 6/1/75

BY THE ENGINEER:

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

Signature: James B. Vogt DATE: 6-5-75

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Signature: C. Wayne Ray DATE: 7-2-75

SIGNATURE 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. Zickman DATE: 7-2-75  
HOWARD SOIL CONSERVATION DISTRICT

218-007-E

SHEET 5 OF 7

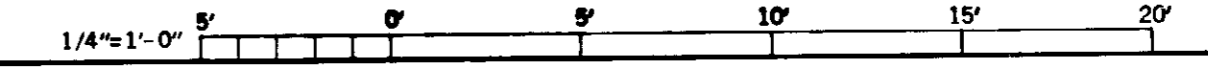
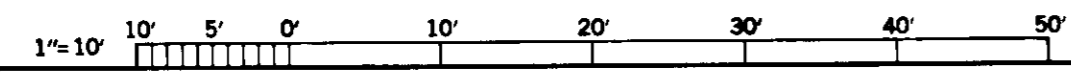
HOWARD COUNTY MARYLAND ELECTION DISTRICT II TAX MAP #18 S.D.P. 75-70.

JOB ORDER	REV.	DATE	DESCRIPTION	APPROVAL
EC-9615		1974	INSTALL OF 1-40MVA TR & 4-13KV FDR POS	
	A	7-1-77	ADDED TRANSF. #10-1 # STRUCT. RW	

ENGINEERING	DESIGN & DRAFTING
CIVIL: [Signature]	DESIGNED: BC
MECH: [Signature]	DRAWN: BC
ELEC: [Signature]	CHECKED: [Signature]
MANAGER: [Signature]	APPROVED: [Signature]

SEDIMENT CONTROL	HOLLOFIELD
FOR STATION AREA	BALTIMORE GAS AND ELECTRIC COMPANY
115-13KV SUBSTATION	ELECTRIC ENGINEERING DEPARTMENT
REPROD. FROM DWG. SCALE 1"=25'-0"	DATE
DWG. NO. 218-007-E	REV. A

SDP-75-

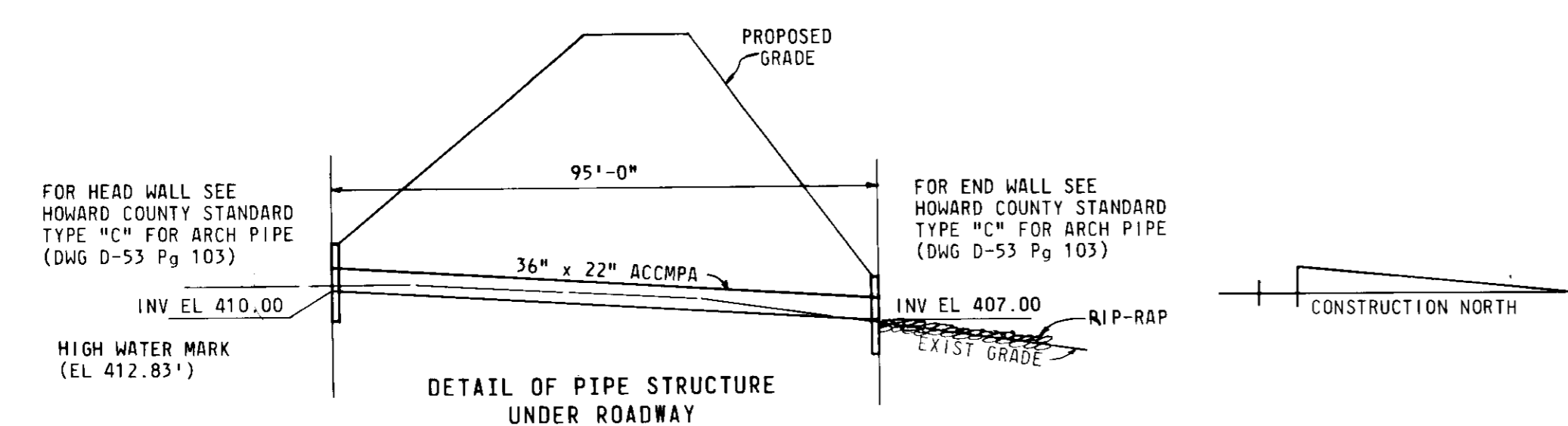


NOTES

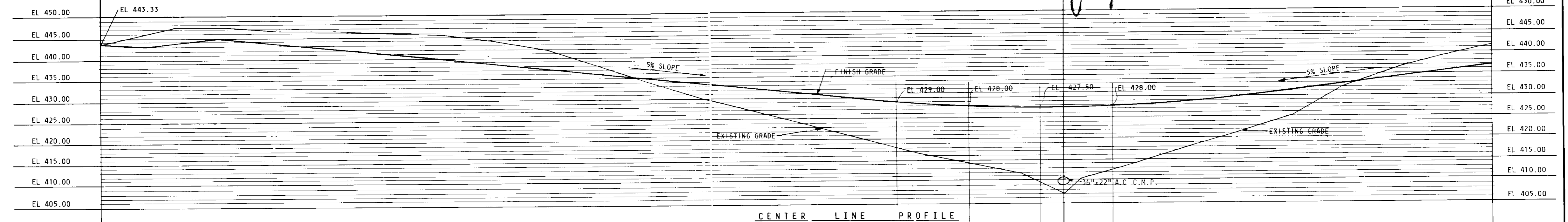
- 4. BENCH MARK: CONC MON EL. 443.96 LOCATED APPROXIMATELY 746' FROM THE CENTER LINE OF OLD FREDERICK RD ALONG THE WEST PROPERTY LINE.
- 5. SEDIMENT CONTROL: FOR SEDIMENT CONTROL MEASURES SEE DWG 218-017-E.

- 1. GRADING: DOTTED CONTOUR LINES INDICATE EXISTING TOP OF GRADE. SOLID CONTOUR LINES INDICATE NEW TOP OF GRADE. ALL FILL TO BE WELL COMPACTED TO 95% OF MAXIMUM DENSITY (ASTM D1557-70).
- 2. ROADWAY: COMPACT SUBGRADE TO 95% DENSITY AS DETERMINED BY (ASTM-1557-70). INSTALL 8" OF CR-467 CRUSHED STONE BASE IN TWO LIFTS & COMPACT EACH LIFT WITH A 10 TON ROLLER. INSTALL 2" BITUMINOUS BINDER COURSE, (BI BAND). INSTALL 1" BITUMINOUS CONCRETE SURFACE, (SN BAND) AS PER MARYLAND STATE HIGHWAY ADMINISTRATION SPEC. TACK COATS OF HOT ASPHALT ARE TO BE PLACED AS REQUIRED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE, SECTION C-31-4.
- 3. SEEDING: ALL AREAS DISTURBED BY GRADING OTHER THAN THOSE COVERED WITH STONE SHALL BE STABILIZED BY SEEDING AND MULCHING AS SOON AS AREAS ARE AVAILABLE FOR GROUNDS PREPARATION. APPROXIMATELY 2 INCHES OF TOP SOIL WILL BE APPLIED & SEED WITH 70% KENTUCKY FESCUE, 20% DOMESTIC RYE & 10% CREEPING RED FESCUE AT THE RATE OF 6 POUNDS PER 1000 SQ. FT. WITH RYE GRAIN APPLIED AS NECESSARY FOR TEMPORARY COVER. & FERTILIZED WITH 25 POUNDS OF 10-10-10 PER 1000 SQ. FT., LIME AS NEEDED BY TEST. 2:1 SLOPE STABILIZATION WILL INCLUDE SEEDING WITH CROWN VETCH IN ADDITION TO ABOVE SEEDING FERTILIZING & MULCHING. ALL SEEDING AREAS TO BE MULCHED WITH STRAW AND SECURED.

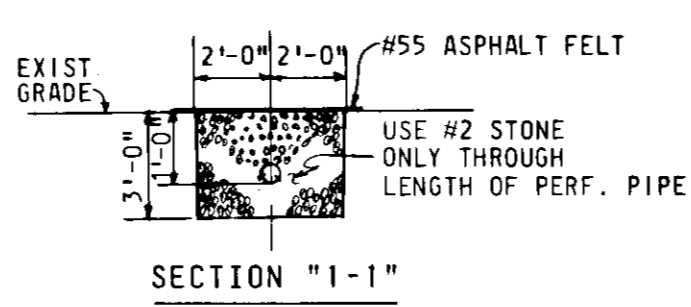
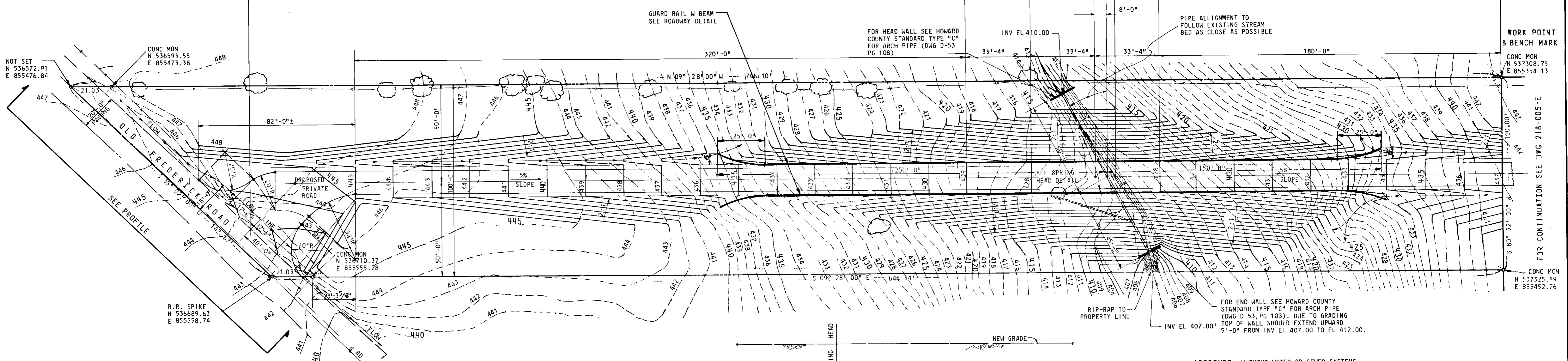
5/22/75  
J.P.



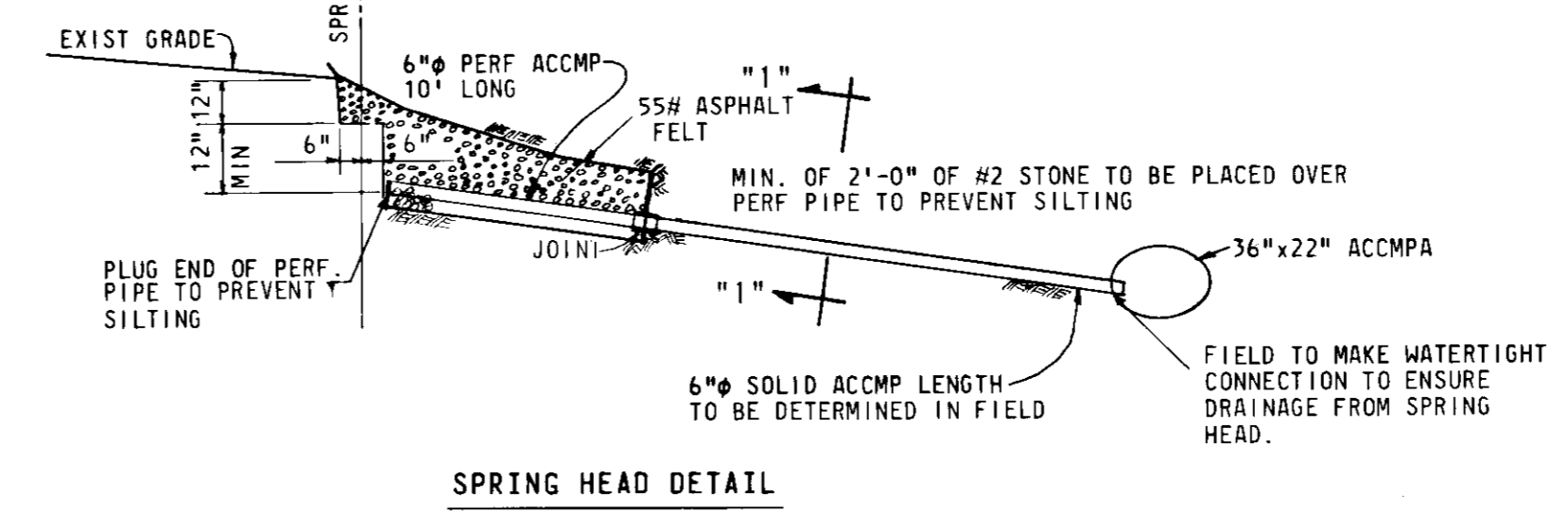
DETAIL OF PIPE STRUCTURE UNDER ROADWAY  
SCALE: HOR 1"=20'-0" VERT 1"=10'-0"



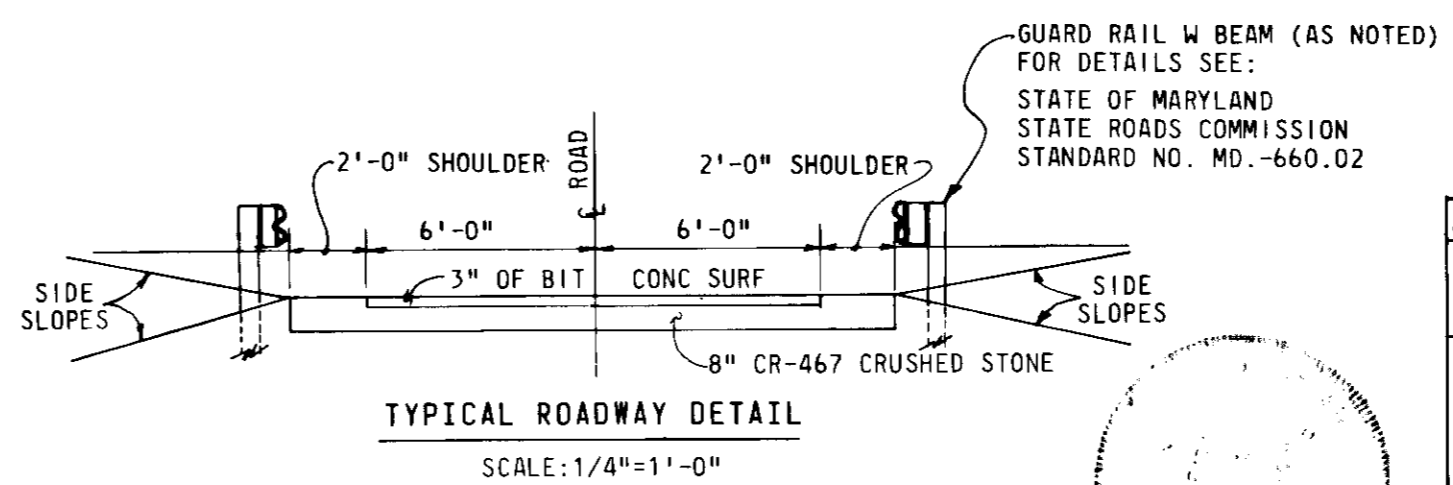
CENTER LINE PROFILE  
SCALE: VERT 1"=10'-0" HORIZ. 1"=20'-0"



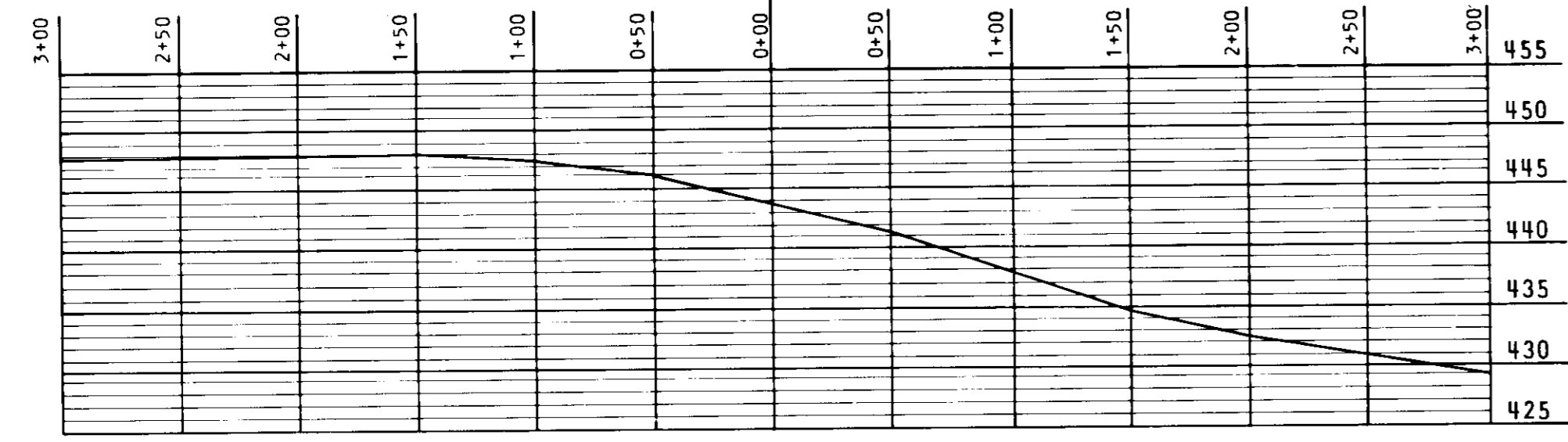
SECTION "1-1"



SPRING HEAD DETAIL



TYPICAL ROADWAY DETAIL  
SCALE: 1/4"=1'-0"



OLD FREDERICK ROAD PROFILE  
SCALE: VERT 1"=10'-0" HOR 1"=50'-0"

APPROVED: WITHOUT WATER OR SEWER SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT  
COUNTY HEALTH OFFICER  
DATE: 7/10/75

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
PLANNING DIRECTOR  
DATE: 7/10/75

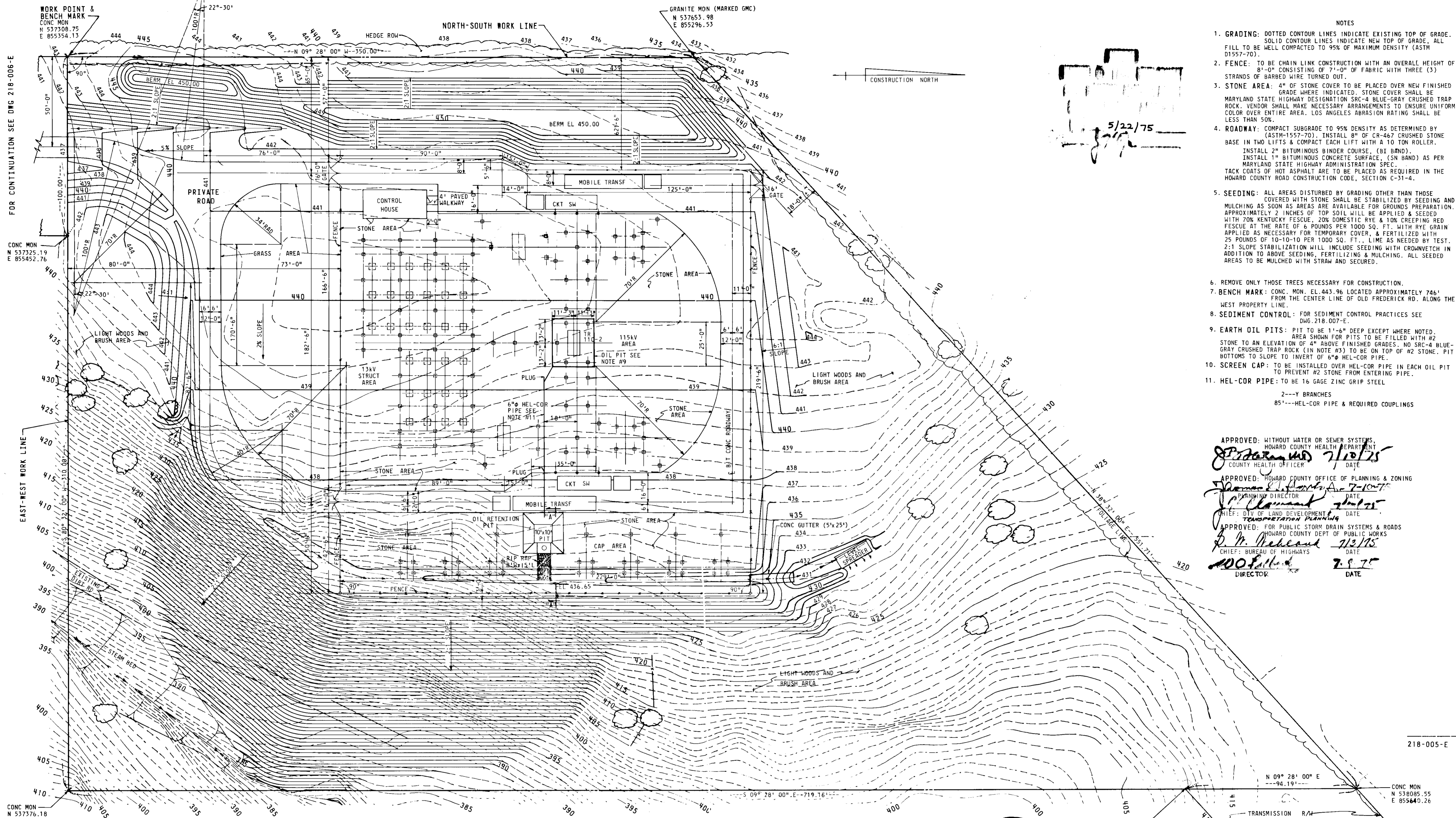
APPROVED: DIV. OF LAND DEVELOPMENT & TRANSPORTATION PLANNING  
DIRECTOR  
DATE: 7/10/75

APPROVED: FOR PUBLIC STORM DRAIN SYSTEMS & ROADS  
HOWARD COUNTY DEPT OF PUBLIC WORKS  
DIRECTOR  
DATE: 7/10/75

APPROVED: 7/13/75  
CHIEF: BUREAU OF HIGHWAYS

JOB ORDER	REV.	DATE	DESCRIPTION	APPROVAL
EC-9615		1974	INSTALL OF 1-40MVA TRANSF & 4-13KV FDR POS	

SHEET 6 OF 7	
HOWARD COUNTY MARYLAND ELECTION DISTRICT II TAX MAP #18 S.D.P. 75-70	
GRADING PLAN FOR ENTRANCE ROAD	115-13KV SUBSTATION HOLLIFIELD
BALTIMORE GAS AND ELECTRIC COMPANY ELECTRIC ENGINEERING DEPARTMENT	
REPROD. FROM DWG. NO. 218-006-E	SCALE 1"=25'-0" REV. NO. 1



- NOTES
1. GRADING: DOTTED CONTOUR LINES INDICATE EXISTING TOP OF GRADE. SOLID CONTOUR LINES INDICATE NEW TOP OF GRADE, ALL FILL TO BE WELLED COMPACTED TO 95% OF MAXIMUM DENSITY (ASTM D1557-70).
  2. FENCE: TO BE CHAIN LINK CONSTRUCTION WITH AN OVERALL HEIGHT OF 8'-0" CONSISTING OF 7'-0" OF FABRIC WITH THREE (3) STRANDS OF BARBED WIRE TURNED OUT.
  3. STONE AREA: 4" OF STONE COVER TO BE PLACED OVER NEW FINISHED GRADE WHERE INDICATED. STONE COVER SHALL BE MARYLAND STATE HIGHWAY DESIGNATION SRC-4 BLUE-GRAY CRUSHED TRAP ROCK. VENDOR SHALL MAKE NECESSARY ARRANGEMENTS TO ENSURE UNIFORM COLOR OVER ENTIRE AREA. LOS ANGELES ABRASION RATING SHALL BE LESS THAN 50%.
  4. ROADWAY: COMPACT SUBGRADE TO 95% DENSITY AS DETERMINED BY (ASTM-1557-70). INSTALL 8" OF CR-467 CRUSHED STONE BASE IN TWO LIFTS & COMPACT EACH LIFT WITH A 10 TON ROLLER. INSTALL 2" BITUMINOUS BINDER COURSE, (BI BAND). INSTALL 1" BITUMINOUS CONCRETE SURFACE, (SN BAND) AS PER MARYLAND STATE HIGHWAY ADMINISTRATION SPEC. TACK COATS OF HOT ASPHALT ARE TO BE PLACED AS REQUIRED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE, SECTION C-31-4.
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  6. REMOVE ONLY THOSE TREES NECESSARY FOR CONSTRUCTION.
  7. BENCH MARK: CONC. MON. EL. 443.96 LOCATED APPROXIMATELY 746' FROM THE CENTER LINE OF OLD FREDERICK RD. ALONG THE WEST PROPERTY LINE.
  8. SEDIMENT CONTROL: FOR SEDIMENT CONTROL PRACTICES SEE DWG. 218.007-E.
  9. EARTH OIL PITS: PIT TO BE 1'-6" DEEP EXCEPT WHERE NOTED. AREA SHOWN FOR PITS TO BE FILLED WITH #2 STONE TO AN ELEVATION OF 4" ABOVE FINISHED GRADES. NO SRC-4 BLUE-GRAY CRUSHED TRAP ROCK (IN NOTE #3) TO BE ON TOP OF #2 STONE. PIT BOTTOMS TO SLOPE TO INVERT OF 6" HEL-COR PIPE.
  10. SCREEN CAP: TO BE INSTALLED OVER HEL-COR PIPE IN EACH OIL PIT TO PREVENT #2 STONE FROM ENTERING PIPE.
  11. HEL-COR PIPE: TO BE 16 GAGE ZINC GRIP STEEL  
 2---Y BRANCHES  
 85'---HEL-COR PIPE & REQUIRED COUPLINGS

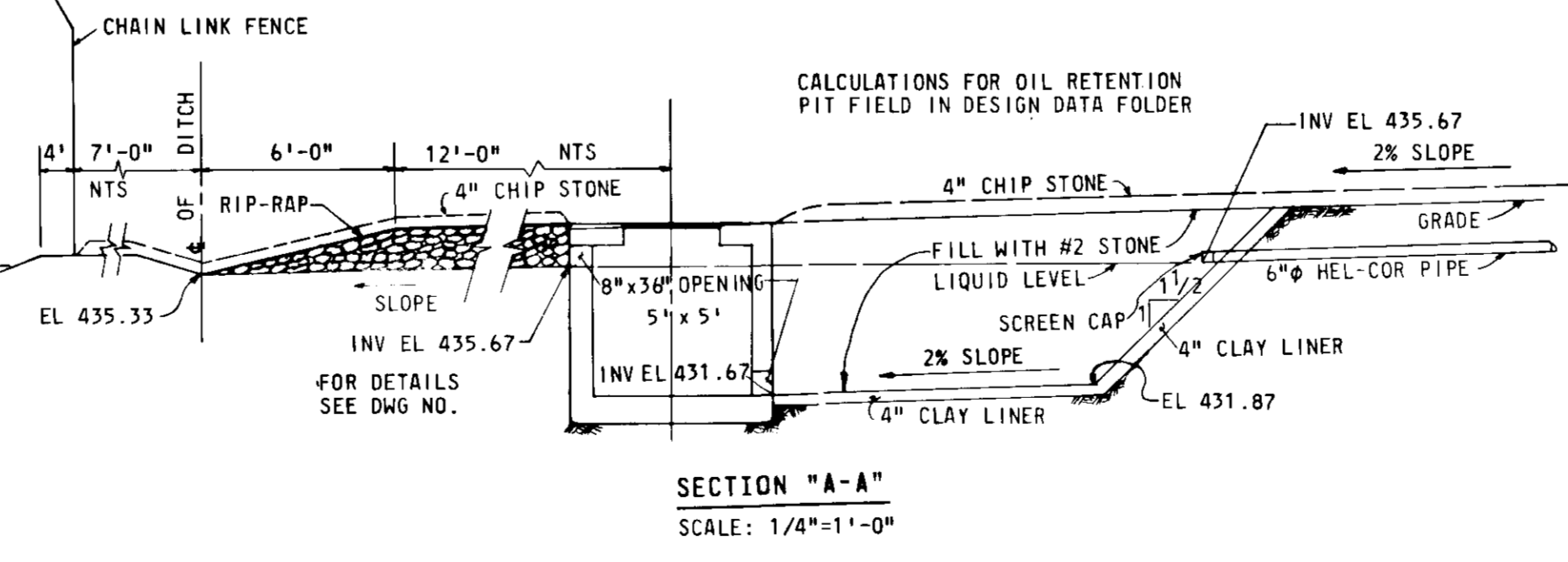
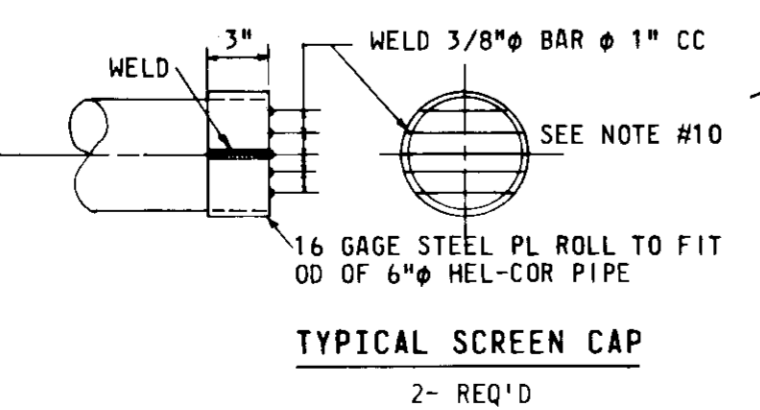
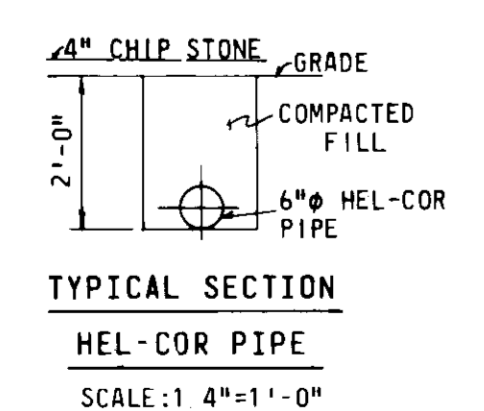
5/22/75  
*[Signature]*

APPROVED: WITHOUT WATER OR SEWER SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER  
 DATE: 7/10/75

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR  
 DATE: 7-10-75

APPROVED: DIV OF LAND DEVELOPMENT  
 TRANSPORTATION PLANNING  
 DATE: 7/13/75

APPROVED: FOR PUBLIC STORM DRAIN SYSTEMS & ROADS  
 HOWARD COUNTY DEPT OF PUBLIC WORKS  
 CHIEF: BUREAU OF HIGHWAYS  
 DATE: 7-8-75



*James J. Toft*

JOB ORDER	REV	DATE	DESCRIPTION	APPROVAL
EC-96T5		1974	INSTALL OF T-40MVA TR & 4-13KV FDR POS	
	A	7-1-77	Added Transf 110-1 & STRUCT	

SHEET 7 OF 7

HOWARD COUNTY MARYLAND  
 ELECTION DISTRICT II  
 TAX MAP #18 S.D.P. 75-70.

GRADING PLAN  
 FENCE & ROADWAY

115-13KV SUBSTATION

HOLLOFIELD

BALTIMORE GAS AND ELECTRIC COMPANY  
 ELECTRIC ENGINEERING DEPARTMENT

DESIGN & DRAFTING  
 DESIGNED: EC  
 DRAWN: EC  
 CHECKED: EC  
 APPROVED: EC

REPROD FROM DWG: SCALE 1/4"=1'-0"  
 DWG. NO. 218-005-E  
 REV. A

FOR CONTINUATION SEE DWG 218-006-E

EAST-WEST WORK LINE

NORTH-SOUTH WORK LINE

CONSTRUCTION NORTH

218-005-E

SHEET 7 OF 7

GRADING PLAN  
 FENCE & ROADWAY

BALTIMORE GAS AND ELECTRIC COMPANY

DWG. NO. 218-005-E

REV. A

3

30X

31-34 S.D.P. 75-70