

- NOTES:
- INDICATES 1976 INSTALLATION.
 - STONE AREA: FENCED IN AREA TO BE COVERED WITH 4" OF STONE COVER OVER NEW GRADE. STONE COVER GRADATION SHALL BE IN ACCORDANCE WITH MARYLAND STATE HIGHWAY ADMINISTRATION SHA-4. STONE SHALL BE GRAY IN COLOR WITH A LOS ANGELES ABRASION RATING LESS THAN 50%.
 - 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.
 - 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, (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.
 - HIGHLAND IS AN UNATTENDED SUBSTATION & NO PERMANENT EMPLOYEES WILL BE LOCATED ON THE PREMISES & THEREFORE NO SANITARY FACILITIES WILL BE PROVIDED OR INSTALLED.
 - 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.
 - EQUIPMENT SHOWN DOTTED IS INTENDED FOR FUTURE INSTALLATION.

PLANTING KEY

KEY	QUANTITY	NAME	SIZE
⊙ 1	5	MALUS HOPPI-HOPA FLOWERING CRAB	10'-12"
⊙ 2	2	PYRUS CALLERYANA BRADFORD-CALLERY PEAR	10'-12"
⊙ 3	7	PICEA ABIES-NORWAY SPRUCE	8'-10'
⊙ 4	16	CUPRESSOCYPARIS LEYLAND LEYLAND CYPRESS	5'-6'
⊙ 5	33	JUNIPERUS CHINENSIS HETZI	3'-3 1/2'

PROPERTY INFORMATION
 LOCATED IN HOWARD COUNTY, MARYLAND
 ELECTION DISTRICT 5
 ZONED "R-20" RESIDENTIAL & "B-2" HEAVY COMMERCIAL
 TAX MAP #40 PARCEL #78
 AREA: 1.4694 ACRES
 DEED REF 166/428

OWNER & DEVELOPER
 BALTO GAS & ELECTRIC COMPANY
 C. A. HERNDON JR., ATTORNEY
 GAS & ELECTRIC BUILDING
 BALTIMORE, MARYLAND 21203

ENGINEER
 JAMES B. VOGT
 1024 GAS & ELECTRIC BUILDING 21203
 PREVIOUS BLDG PERMIT #7278 ISSUED 9/21/60
 PREVIOUS CASE #315-C, 9/14/60
 ZONING: THIS APPLICATION CASE #BA-883-C 8-18-76

REFERENCE DRAWINGS:
 89-721-D CONST ONE LINE WIRING DIAG
 89-722-E LOCATION PLAN & OVERHEAD LINES
 89-724-E PLOT PLAN FOR ZONING
 89-725-E GRADING PLAN FENCE & ROADWAY
 89-726-E SEDIMENT CONTROL
 89-733-E DRAINAGE AREA MAP
 SHEET 6 - CONSTRUCTION DETAILS AND NOTES



APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 2-3-77
 JRM

APPROVED: WITHOUT WATER OR SEWER SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.
 County Health Officer: *Jayman Boyles* 2-23-77 DATE 89-723-E

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 Planning Director: *Thomas H. Smith* 2-25-77 DATE
 Chief of Land Development: *John W. Musick* 2-23-77 DATE

APPROVED: FOR PUBLIC STORM DRAIN SYSTEMS & ROADS
 HOWARD COUNTY DEPT OF PUBLIC WORKS
 Director: *P. J. Boas* 2-24-77 DATE
 Chief of Bureau of Highways: *Greenville W. McLeod* 2/23/77 DATE

Rev.	Date	Job Order	Description	Approved	ENGINEERING	DESIGN & DRAFTING
	1976	EC-1791	INSTLN OF 1-20MVA TRANSF & 2-13KV FDR		Civil: <i>JRM</i> Elec: <i>JRM</i> Mech: <i>JRM</i> Transm: <i>JRM</i> Chief Eng: <i>JRM</i> Manager: <i>JRM</i>	Designed: <i>JRM</i> Drawn: <i>JRM</i> Checked: <i>JRM</i> Date Approved: 9-24-76
A	12-22-76	EC-1791	REVISED PER COUNTY COMMENTS			
B	1/3/77		REVISED SITE DEVELOPMENT PLAN FOR TELECOM STRUCTURE AND NEW SHEET 6 MONOPOLE DETAILS			

HOWARD COUNTY MARYLAND
 ELECTION DISTRICT 5
 TAX MAP #40 SDP#

SITE DEVELOPMENT PLAN
 FOR BUILDING PERMIT
 HIGHLAND ELECTRICAL SUBSTATION
 ADDITION AND ALTERATIONS
 34.5-13KV SUBSTATION
 HIGHLAND
 BALTIMORE GAS AND ELECTRIC COMPANY
 ELECTRIC ENGINEERING DEPARTMENT
 File: _____ Scale: NONE Rev: _____
 Microfilm: _____ Dwg. No. 89-723-E
 Orig. Rev. _____

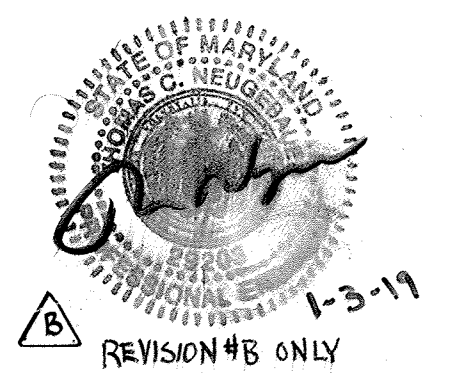
P. 85
 EDW. M. DOUGHERTY & WF
 425/628

P. 83
 ALFRED L. DISNEY & WF
 430/367

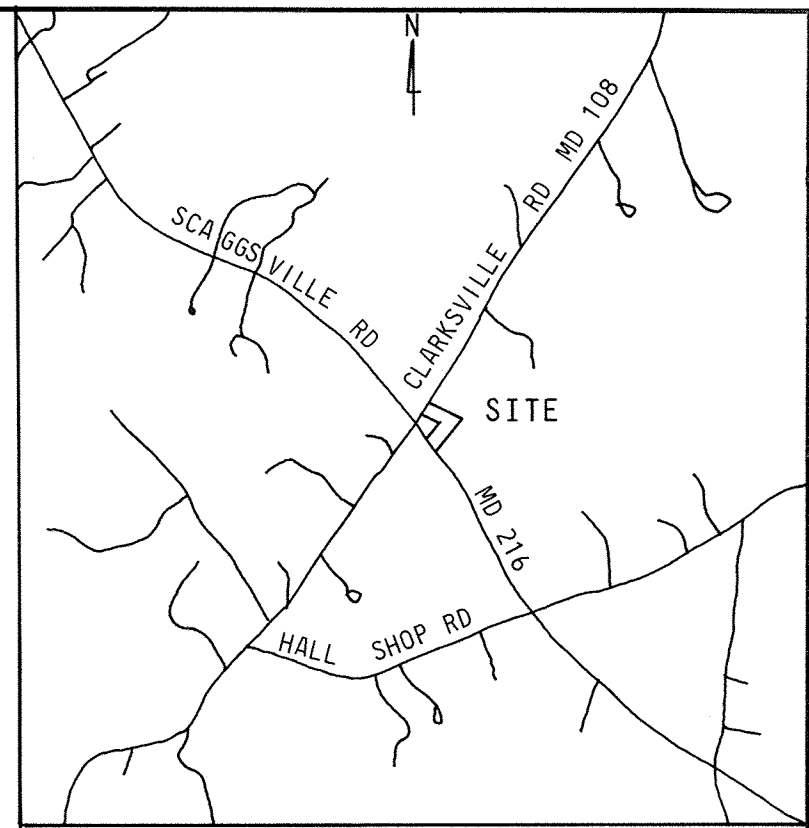
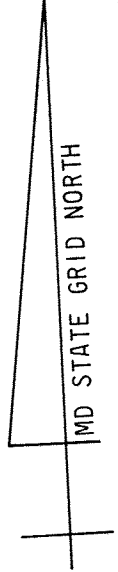
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 WINIFRED S. PARLETTE
 138/593
 ZONED B-1

P. 79
 NORMAN W. WEHLAND
 168/293
 ZONED B-1

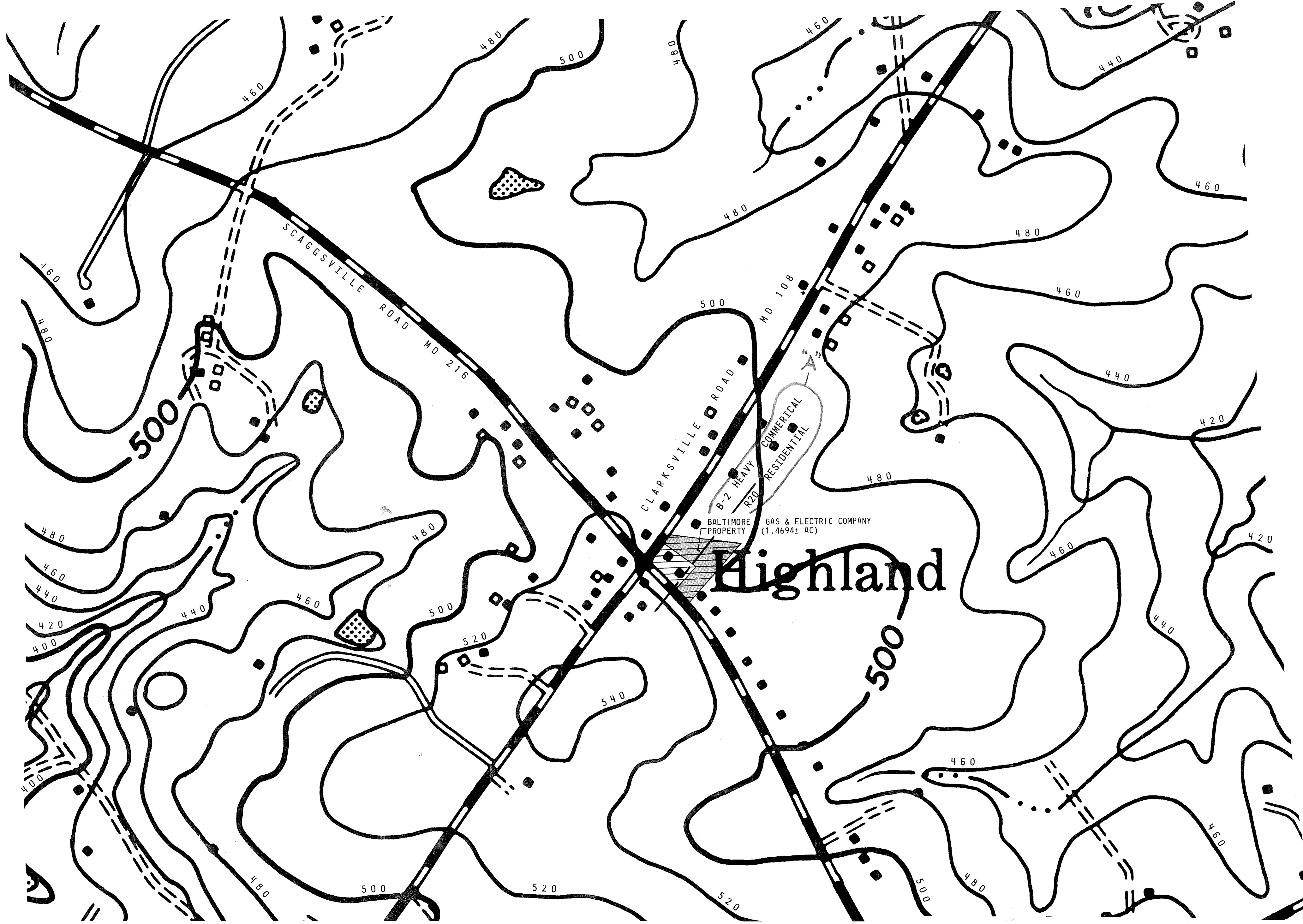
P. 77
 ALFRED L. DISNEY & WF
 430/367
 ZONED B-1



REVISION #8 ONLY



VICINITY MAP
SCALE: NONE



LEGEND:
 INDICATES OUTDOOR SUBSTATION SITE.
 INDICATES DRAINAGE AREA TO SUBSTATION SITE.

NOTES:
 1. CONTOURS SHOWN HEREON WERE TAKEN FROM A U.S. GEOLOGICAL SURVEY MADE IN 1953 AND REVISED IN 1970.
 2. AREA DRAINED IS EQUAL TO 2.29 ACRES.
 3. RUNOFF FROM DRAINAGE AREA IS EQUAL TO 13.3 CFS, WITH A MAXIMUM VELOCITY EQUAL TO 1.1 FEET PER SECOND FOR A 100 YEAR STORM.
 4. BALTIMORE GAS AND ELECTRIC COMPANY PROPERTY IS EQUAL TO 1.4694± ACRES.

APPROVED: WITHOUT WATER OR SEWER SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.
James P. Bagley 2-23-77
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Thomas A. Haniff 2-25-77
 PLANNING DIRECTOR DATE

John W. Mendenhall 2-25-77
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC STORM DRAIN SYSTEMS & ROADS
 HOWARD COUNTY DEPT OF PUBLIC WORKS
P. J. Reagan 2-24-77
 DIRECTOR DATE

James W. Beveland 2/23/77
 CHIEF, BUREAU OF HIGHWAYS DATE



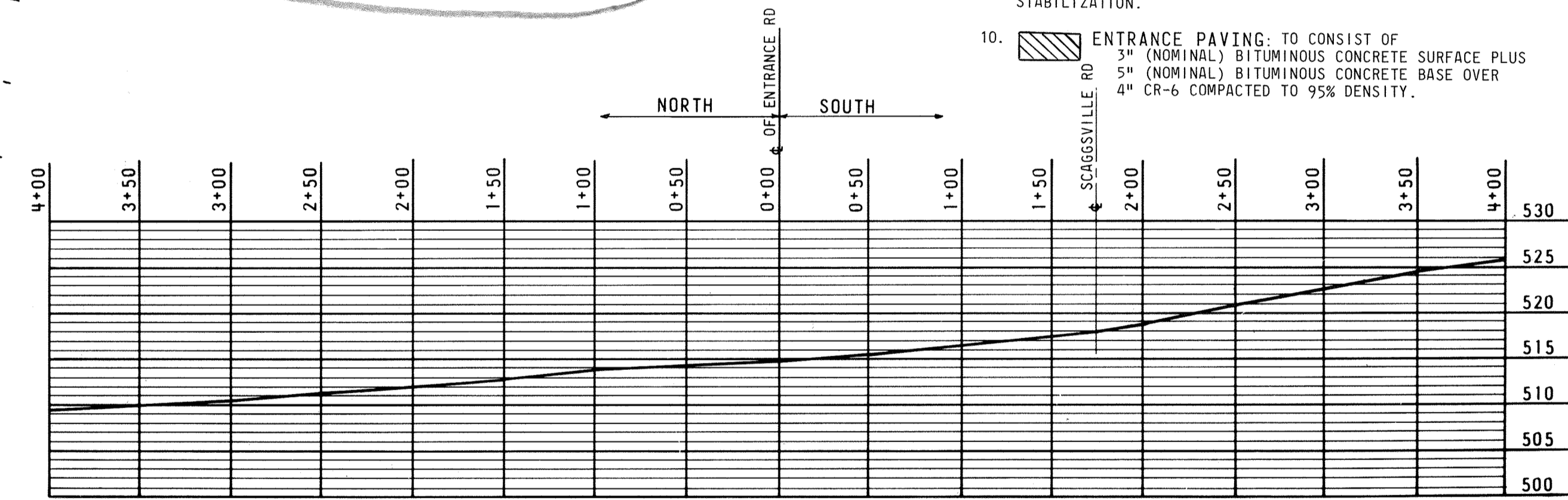
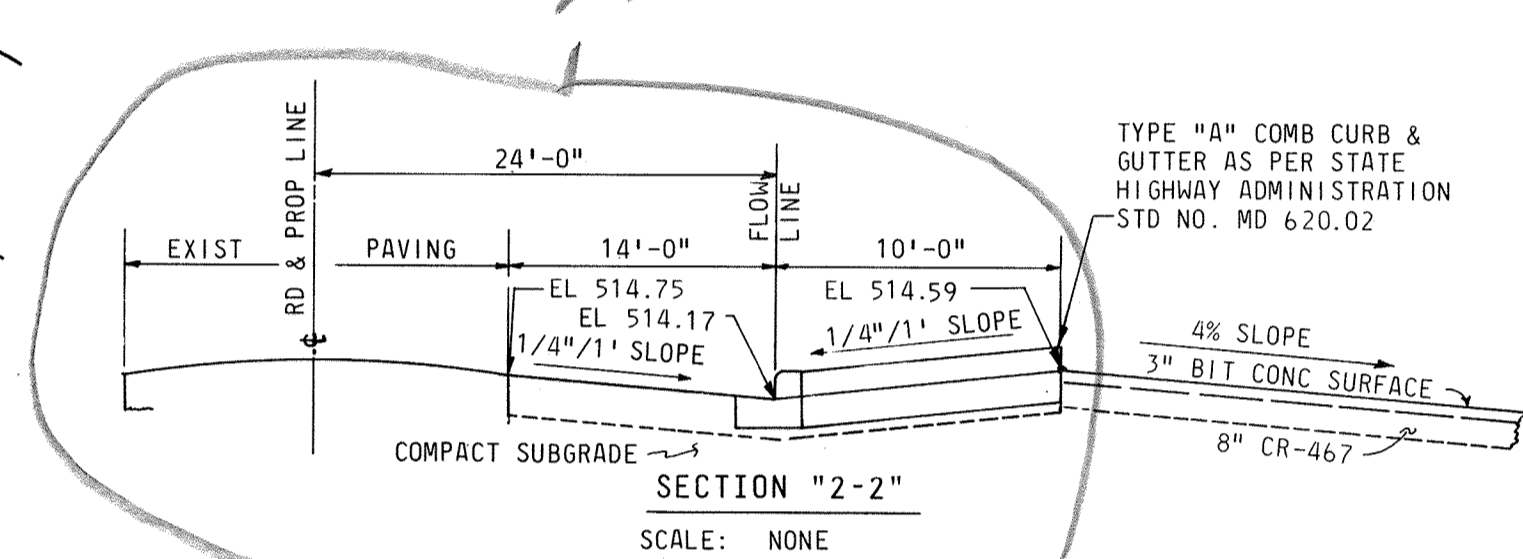
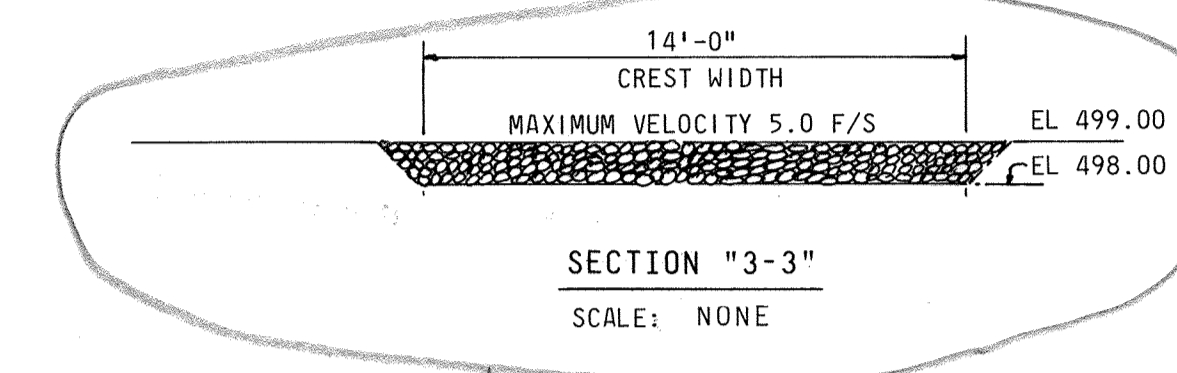
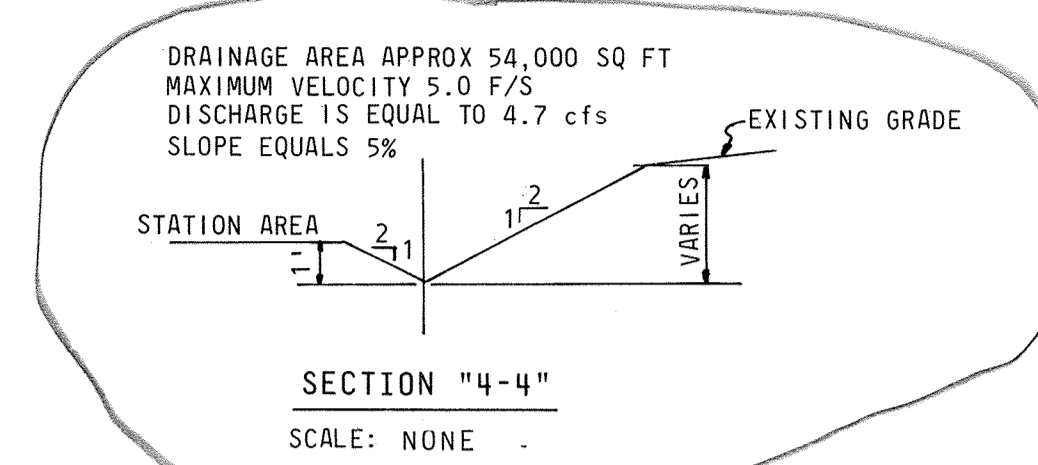
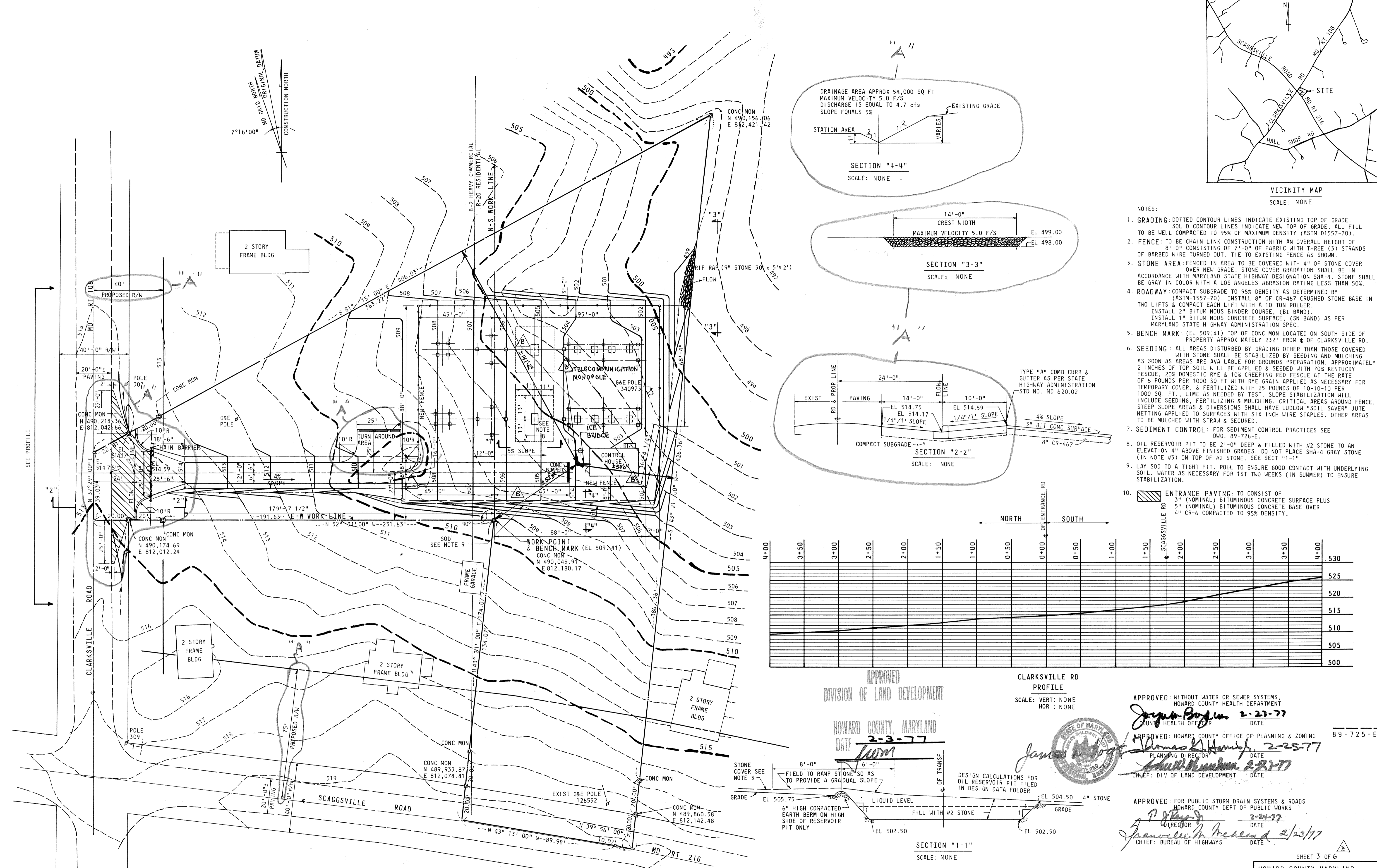
APPROVED
 DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND
 DATE 2-3-77

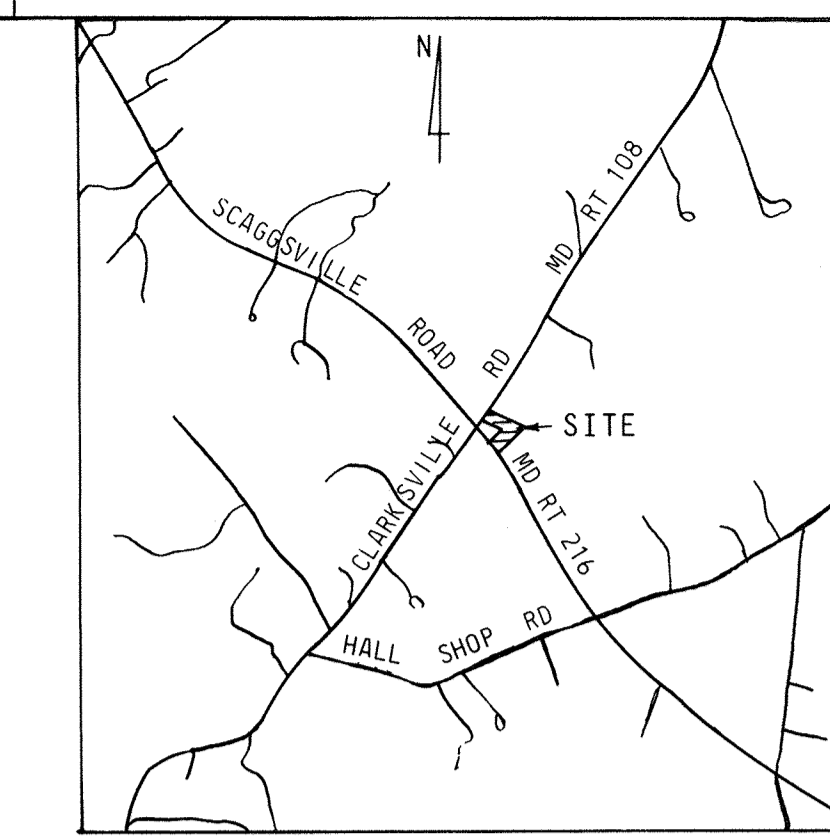
SHEET 2 OF 6
 HOWARD COUNTY MARYLAND
 ELECTION DISTRICT 5
 TAX MAP #40 SDP#

Rev.	Date	Job Order	Description	Approved
	1976	EC-1791	INSTLN OF 1- 20MVA TRANSF & 2- 13KV FDR	<i>James P. Bagley</i>
A	12-22-76	EC-1791	REVISED PER COUNTY COMMENTS	<i>James P. Bagley</i>

ENGINEERING	Chief Eng. <i>J.P.B.</i>
DESIGN & DRAFTING	Design <i>J.P.B.</i>
Drawn <i>J.P.B.</i>	
Checked <i>J.P.B.</i>	
Date Apprd. 12-15-76	
File	Scale NONE
Microfilmed	Dwg. 89-733-E
Orig. <input type="checkbox"/>	Rev. <input type="checkbox"/>



- 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. TIE TO EXISTING FENCE AS SHOWN.
 - STONE AREA: FENCED IN AREA TO BE COVERED WITH 4" OF STONE COVER OVER NEW GRADE. STONE COVER GRADATION SHALL BE IN ACCORDANCE WITH MARYLAND STATE HIGHWAY DESIGNATION SHA-4. STONE SHALL BE GRAY IN COLOR WITH A LOS ANGELES ABRASION RATING 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, (BI BAND). INSTALL 1" BITUMINOUS CONCRETE SURFACE, (CN BAND) AS PER MARYLAND STATE HIGHWAY ADMINISTRATION SPEC.
 - BENCH MARK: (EL 509.41) TOP OF CONC MON LOCATED ON SOUTH SIDE OF PROPERTY APPROXIMATELY 232' FROM E OF CLARKSVILLE RD.
 - 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.
 - SEDIMENT CONTROL: FOR SEDIMENT CONTROL PRACTICES SEE DMG. 89-726-E.
 - OIL RESERVOIR PIT TO BE 2'-0" DEEP & FILLED WITH #2 STONE TO AN ELEVATION 4" ABOVE FINISHED GRADES. DO NOT PLACE SHA-4 GRAY STONE (IN NOTE #3) ON TOP OF #2 STONE. SEE SECT "1-1".
 - LAY SOD TO A TIGHT FIT. ROLL TO ENSURE GOOD CONTACT WITH UNDERLYING SOIL. WATER AS NECESSARY FOR 1ST TWO WEEKS (IN SUMMER) TO ENSURE STABILIZATION.
 - ENTRANCE PAVING: TO CONSIST OF 3" (NOMINAL) BITUMINOUS CONCRETE SURFACE PLUS 5" (NOMINAL) BITUMINOUS CONCRETE BASE OVER 4" CR-6 COMPACTED TO 95% DENSITY.

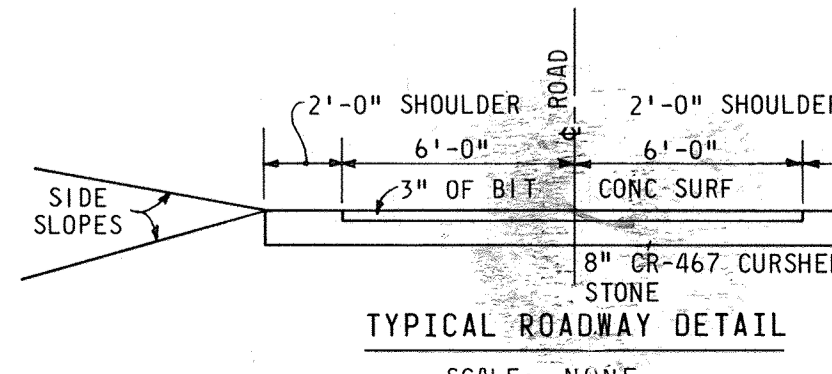
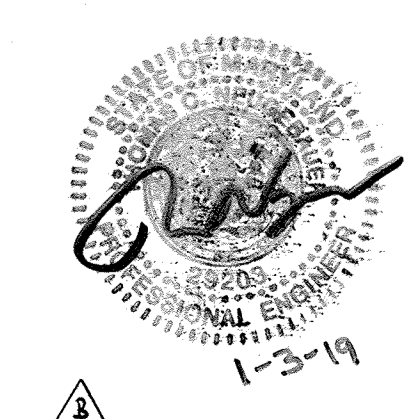
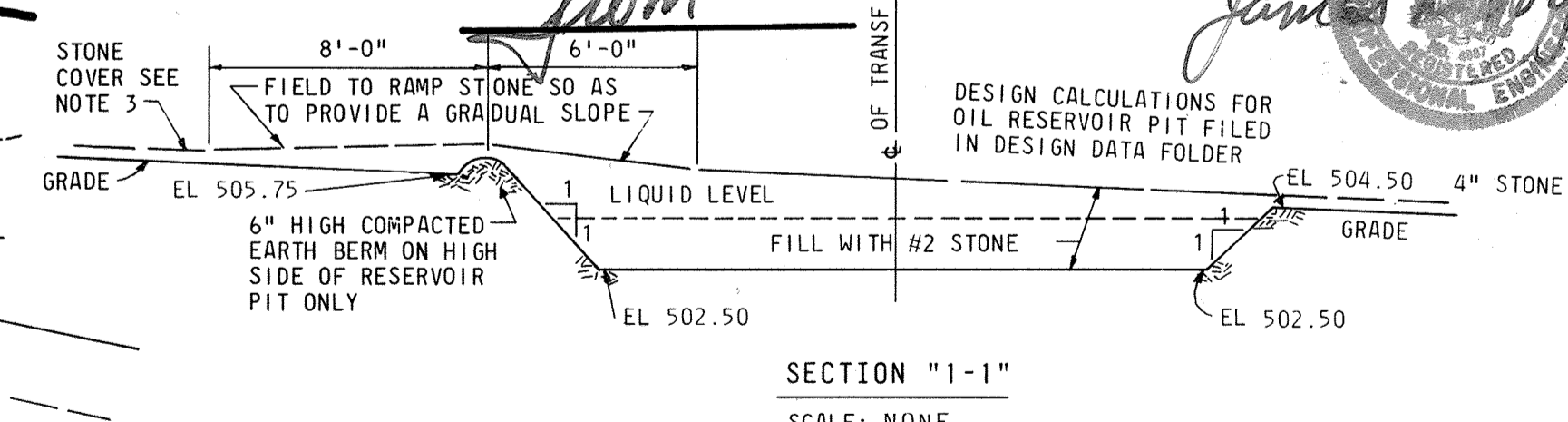


APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 2-3-77
 JUM

APPROVED: WITHOUT WATER OR SEWER SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 JAMES BOGGS 2-23-77
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 THOMAS J. HANIFF 2-25-77
 PLANNING DIRECTOR DATE

APPROVED: FOR PUBLIC STORM DRAIN SYSTEMS & ROADS
 HOWARD COUNTY DEPT OF PUBLIC WORKS
 JAMES W. McNEELAND 2/23/77
 DIRECTOR DATE
 CHIEF: DIV OF LAND DEVELOPMENT
 CHIEF: BUREAU OF HIGHWAYS

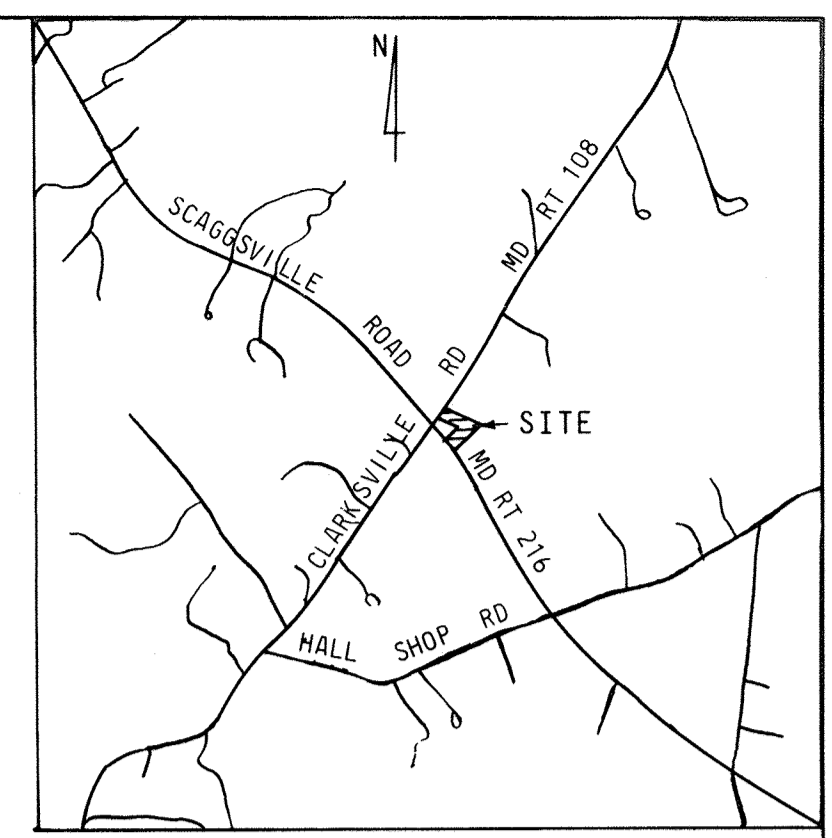
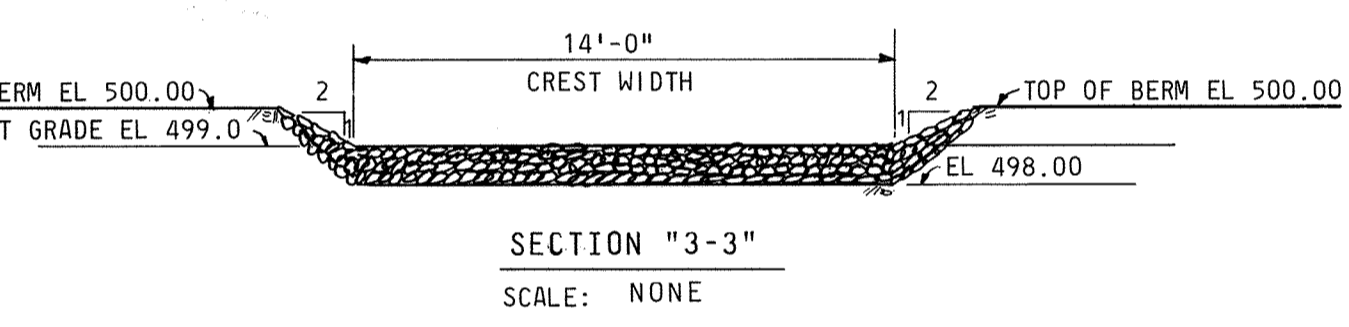
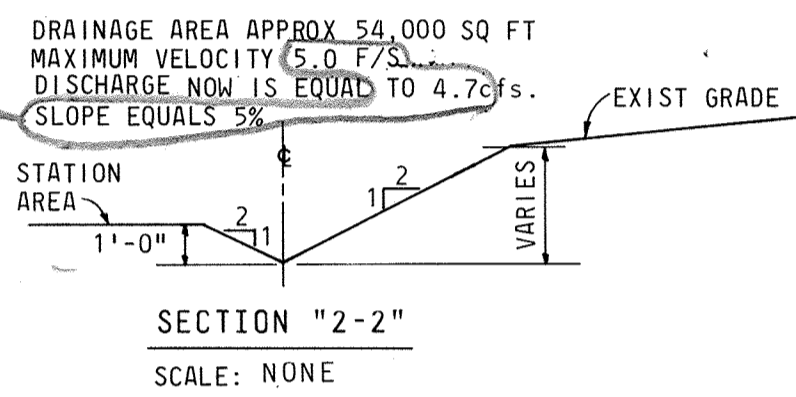
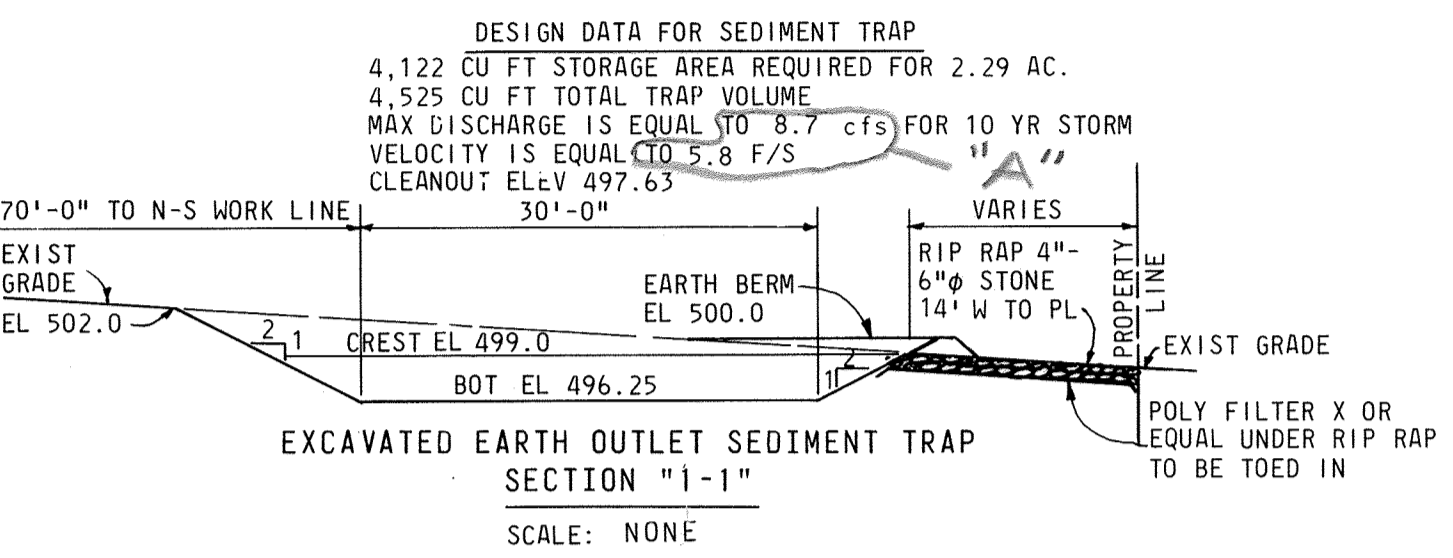
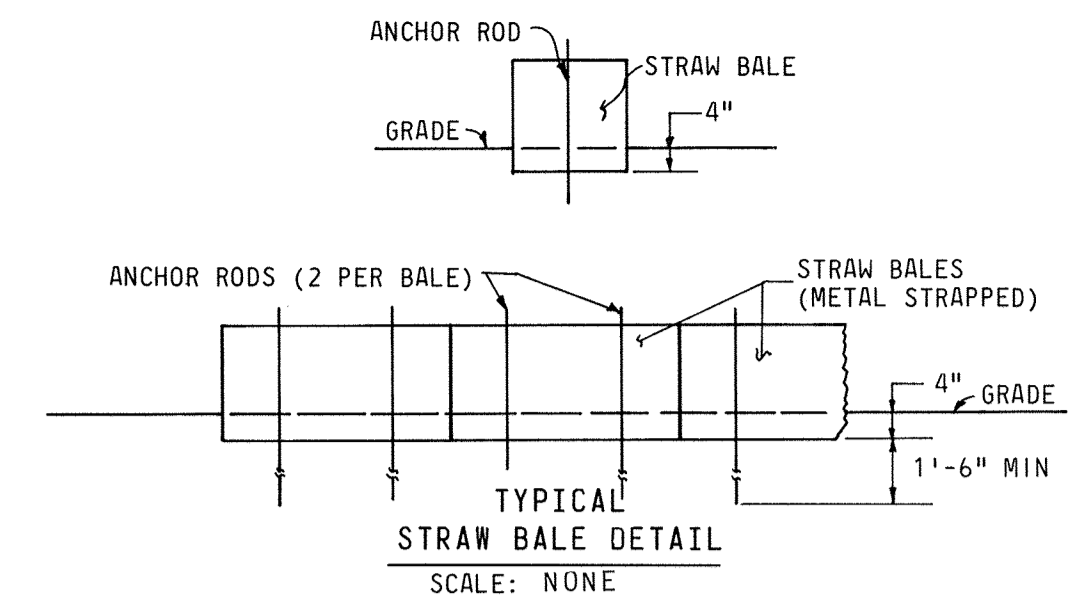
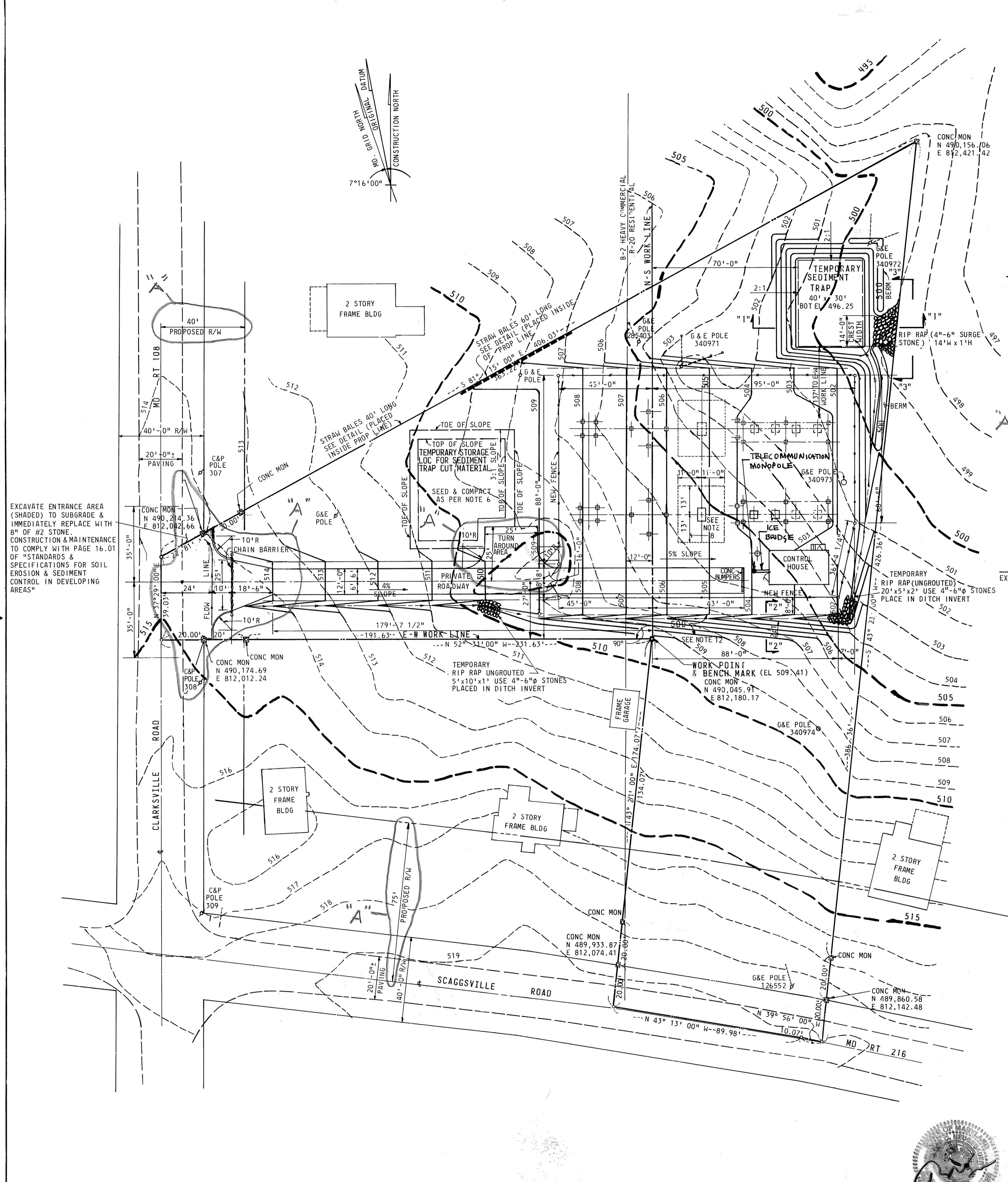


- NOTE:
 SHOULDERS INSIDE FENCED IN AREA TO BE COVERED WITH STONE CHIP.
- NOTES:
 a. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 AS PROVIDED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
 b. TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STANDARD SPECIFICATIONS.
 c. ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STANDARD SPECIFICATIONS.

Rev.	Date	Job Order	Description	Approved	ENGINEERING
	1976	EC-1791	INSTLN OF 1-20MVA TRANSF & 2-13KV FDR		Civil: JEL Elec: JEL Mech: JEL
A	12-22-76	EC-1791	REVISED PER COUNTY COMMENTS		Transm. Chief Eng. JEL Manager: JEL
Δ	1-3-77		REVISED SITE DEVELOPMENT PLAN FOR TELECOM STRUCTURE AND NEW SHEET 6 MONOPOLE DETAILS		DESIGN & DRAFTING Drawn: JEL Checked: JEL Date App'd: 2-21-77 J.W.M.

SHEET 3 OF 6	
HOWARD COUNTY MARYLAND ELECTION DISTRICT 5 TAX MAP #40 SDP#	
GRADING PLAN FENCE & ROADWAY LAYOUT	
34.5-13KV SUBSTATION	
HIGHLAND	
BALTIMORE GAS AND ELECTRIC COMPANY ELECTRIC ENGINEERING DEPARTMENT	
File 2-1-77	Scale NONE
Microfilmed	Dwg. 89-725-E
Orig. J.W.M.	Rev. J.W.M.

INFORMATION SHOWN HEREON IS TAKEN FROM A SURVEY MADE BY JAMES D. HICKS ASSOC INC DATED JANUARY 5, 1976.



- 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. TIE TO EXISTING FENCE AS SHOWN.
 - STONE AREA: FENCED IN AREA TO BE COVERED WITH 4" OF STONE COVER OVER NEW GRADE. STONE COVER GRADATION SHALL BE IN ACCORDANCE WITH MARYLAND STATE HIGHWAY DESIGNATION SHA-4. STONE SHALL BE GRAY IN COLOR WITH A LOS ANGELES ABRASION RATING LESS THAN 50%.
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 - BENCH MARK: (EL 509.41) TOP OF CONC MON LOCATED ON SOUTH SIDE OF PROPERTY APPROXIMATELY 232' FROM E OF CLARKSVILLE RD.
 - 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 (LIME & FERTILIZER ARE TO BE WORKED INTO SOIL BY DISCING & FIRMS UP AFTERWARDS). 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.
 - REMOVE ONLY THOSE TREES NECESSARY FOR CONSTRUCTION.
 - SEQUENCE OF CONSTRUCTION:
 - CLEAR & GRUB
 - INSTALL SEDIMENT DEVICES
 - INITIAL GRADING
 - INSTALL ROADWAY
 - INSTALL EQUIPMENT
 - FINISH GRADING
 - INSTALL STONE COVER & SEED; REMOVE TEMPORARY SEDIMENT CONTROL
 - CONSTRUCTION SCHEDULE:
 - BEGIN CONSTRUCTION 10-76
 - END GRADING, PLACEMENT OF CHIP STONE, STABILIZATION OF ALL DISTURBED AREAS NOT TO BE BUILT ON BY 11-76
 - END CONSTRUCTION 6-77
 - SITE ANALYSIS:
 - TOTAL AREA OF SITE IS 1.4694 AC (64,007 SQ FT)
 - TOTAL DISTURBED AREA IS 34,000 SQ FT
 - TOTAL AREA OF STONE COVER 11,840 SQ FT
 - TOTAL AREA TO BE PAVED 4,530 SQ FT
 - TOTAL AREA TO BE STABILIZED 17,630 SQ FT
 - HOWARD COUNTY SOIL CONSERVATION DISTRICT OFFICE TO BE CONTACTED 48 HRS PRIOR TO BEGINNING WORK. (465-3180 OR 465-5000 EXT 328).
 - LAY SOD TO A TIGHT FIT. ROLL TO ENSURE GOOD CONTACT WITH UNDERLYING SOIL. WATER AS NECESSARY FOR 1ST TWO WEEKS (IN SUMMER) TO ENSURE STABILIZATION.
 - MONOPOLE CONSTRUCTION LIMITS OF DISTURBANCE = 20 SQUARE FEET

EXCAVATE ENTRANCE AREA (SHADED) TO SUBGRADE & IMMEDIATELY REPLACE WITH 8" OF 412 STONE. CONSTRUCTION & MAINTENANCE TO COMPLY WITH PAGE 16.01 OF "STANDARDS & SPECIFICATIONS FOR SOIL EROSION & SEDIMENT CONTROL IN DEVELOPING AREAS"

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 AND SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

BY THE ENGINEER: "I CERTIFY THAT THIS PLAN FOR EROSION AND 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."

APPROVED: WITHOUT WATER OR SEWER SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 APPROVED: FOR PUBLIC STORM DRAIN SYSTEMS & ROADS HOWARD COUNTY DEPT OF PUBLIC WORKS

REVIEWED FOR HOWARD COUNTY S.C.D. AND MEETS TECHNICAL REQUIREMENTS

DATE 2/16/77
 U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: HOWARD S.C.D.



APPROVED: WITHOUT WATER OR SEWER SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 DATE 2-23-77

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 DATE 2-24-77

APPROVED: DIVISION OF LAND DEVELOPMENT
 DATE 2/17/77

APPROVED: FOR PUBLIC STORM DRAIN SYSTEMS & ROADS HOWARD COUNTY DEPT OF PUBLIC WORKS
 DATE 2-24-77

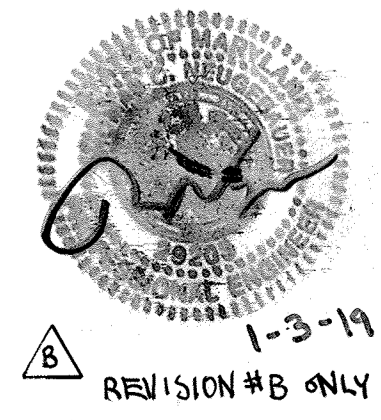
HOWARD COUNTY, MARYLAND
 DATE 2-3-77

CHIEF: BUREAU OF HIGHWAYS
 DATE 2/23/77

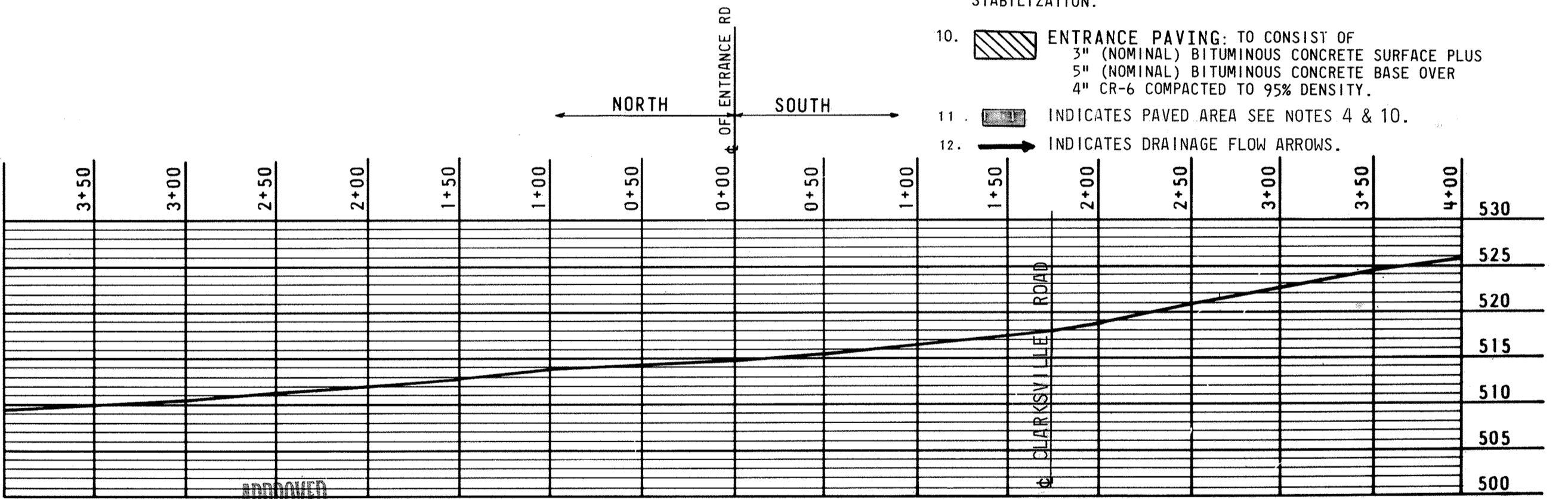
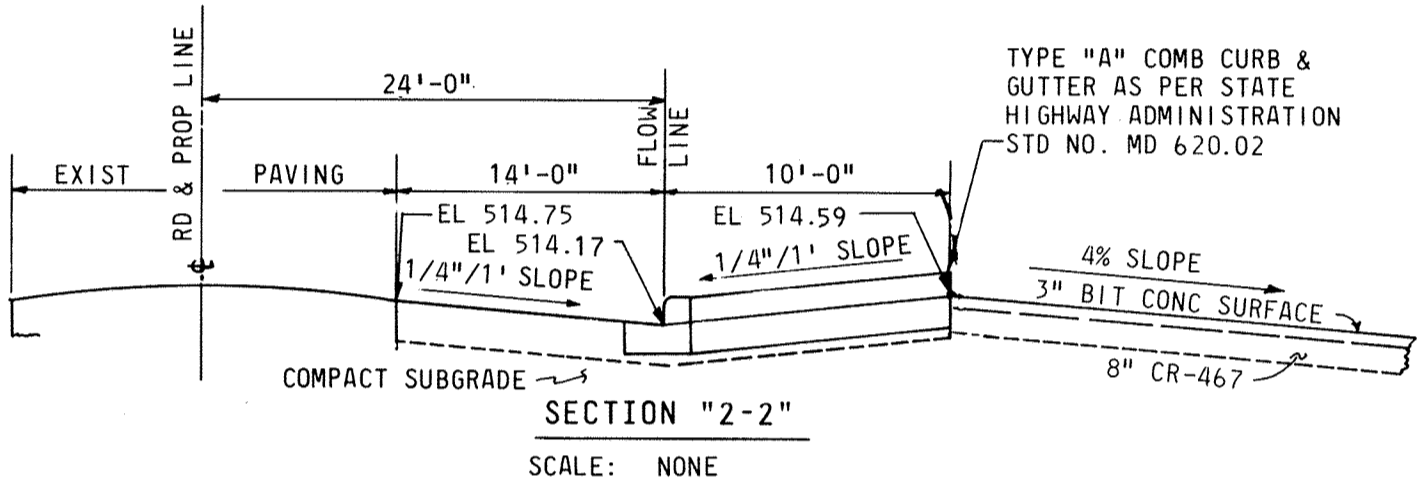
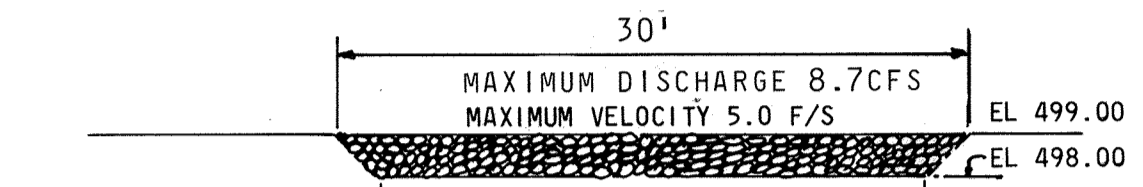
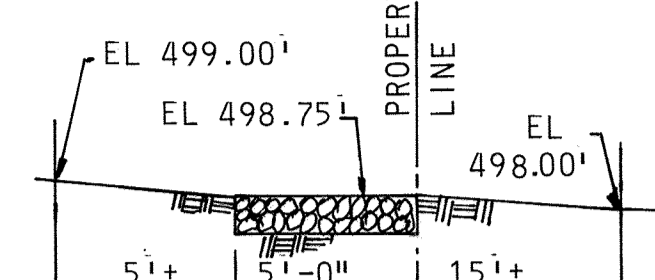
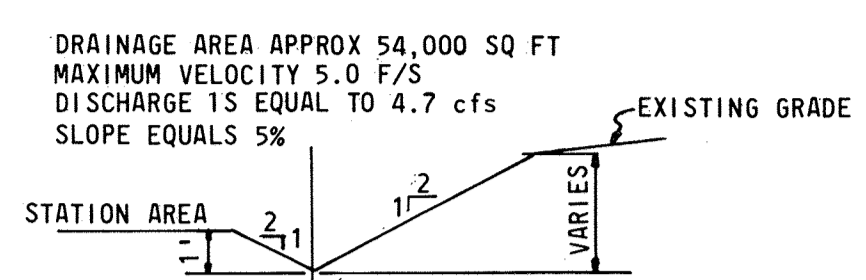
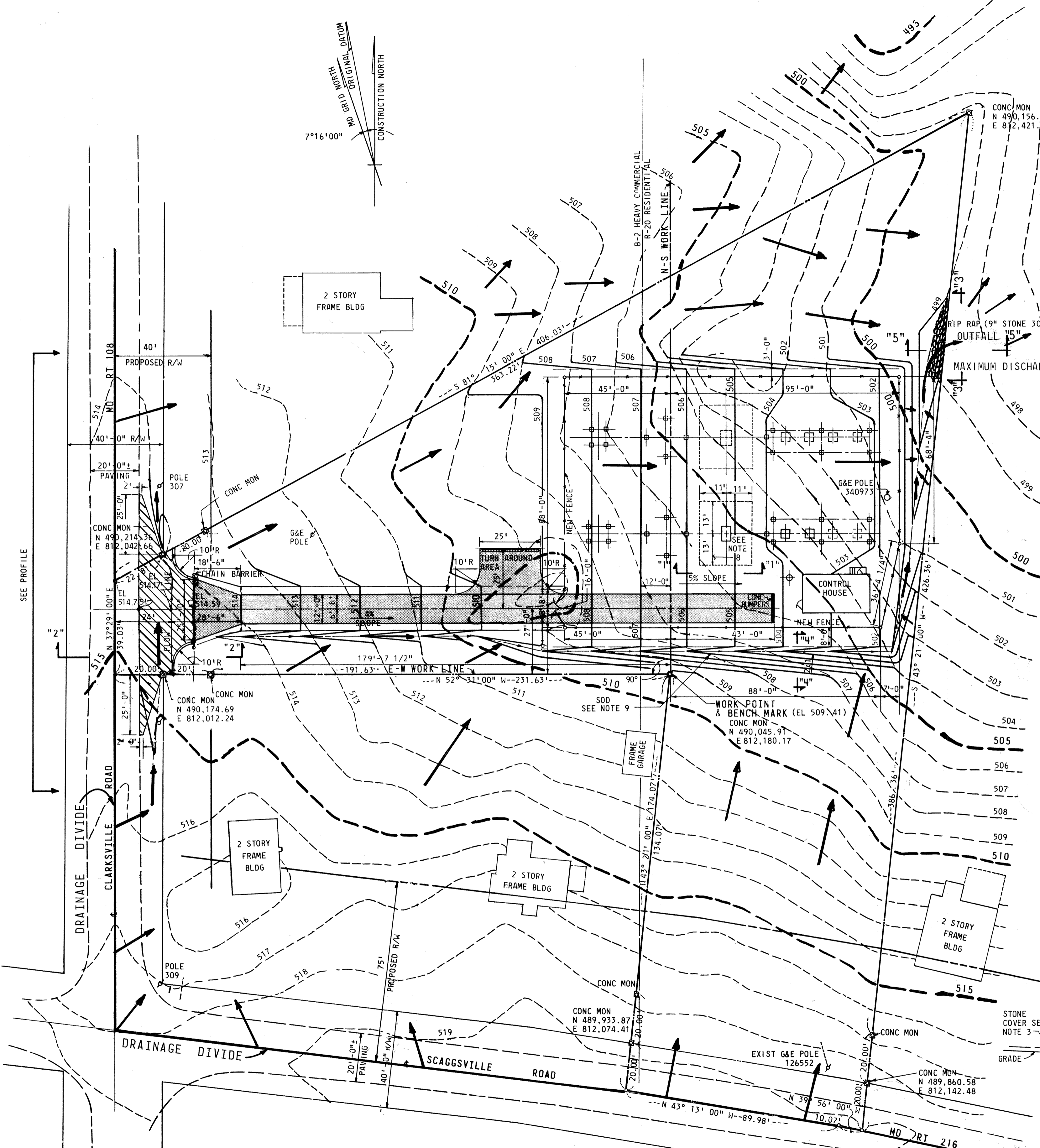
Rev.	Date	Job Order	Description	Approved
	1976	EC-1791	INSTLN OF 1-20MVA TRANSF & 2-13KV FDR	
A	12-22-76	EC-1791	REVISED PER COUNTY COMMENTS	
B	1/31/77		REVISED SITE DEVELOPMENT PLAN FOR TELECOM STRUCTURE AND NEW SHEET & MONOPOLE DETAILS	

ENGINEERING	Civil	Elect	Mech.	Transm.	Chief Eng.	Manager
DESIGN & DRAFTING	Designed	Drawn	Checked	Date Apprd.	Scale	Rev.
HOWARD COUNTY MARYLAND ELECTION DISTRICT 5 TAX MAP #40 SDP#						GRADING PLAN FOR SEDIMENT CONTROL 34.5-13KV SUBSTATION HIGHLAND BALTIMORE GAS AND ELECTRIC COMPANY ELECTRIC ENGINEERING DEPARTMENT
File	Scale	None	Microfilmed	Dwg. No.	89-726-E	Rev. No.

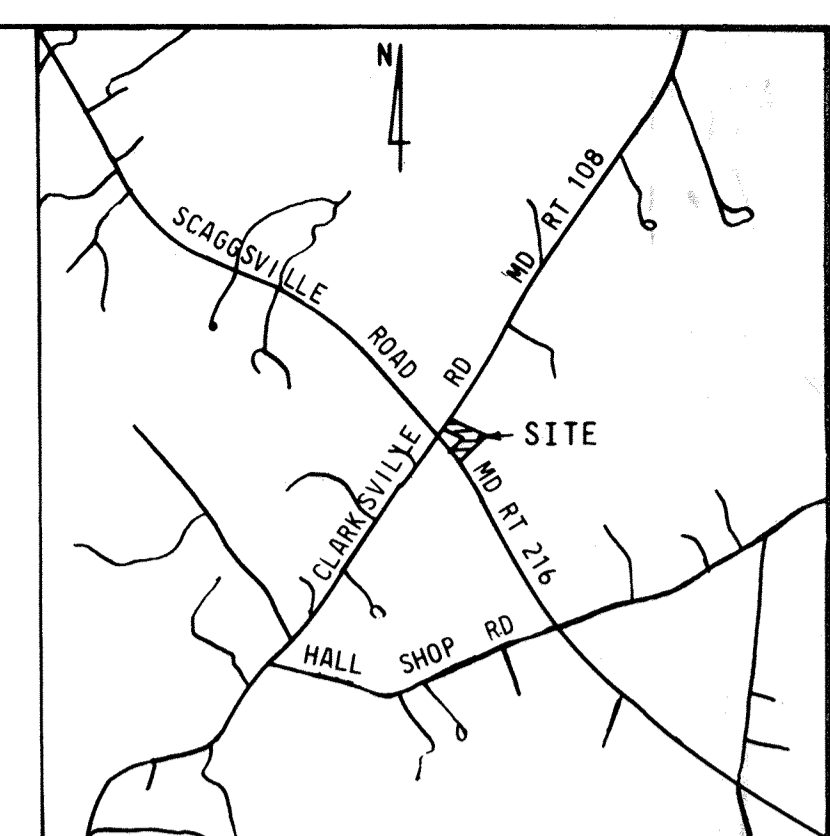
INFORMATION SHOWN HEREON IS TAKEN FROM A SURVEY MADE BY JAMES D. HICKS & ASSOC INC DATED JANUARY 5, 1976.



REVISION #B ONLY



- 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. TIE TO EXISTING FENCE AS SHOWN.
 - STONE AREA: FENCED IN AREA TO BE COVERED WITH 4" OF STONE COVER OVER NEW GRADE. STONE COVER GRADATION SHALL BE IN ACCORDANCE WITH MARYLAND STATE HIGHWAY DESIGNATION SHA-4. STONE SHALL BE GRAY IN COLOR WITH A LOS ANGELES ABRASION RATING 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, (BI BAND). INSTALL 1" BITUMINOUS CONCRETE SURFACE, (SN BAND) AS PER MARYLAND STATE HIGHWAY ADMINISTRATION SPEC.
 - BENCH MARK: (EL 509.41) TOP OF CONC MON LOCATED ON SOUTH SIDE OF PROPERTY APPROXIMATELY 232' FROM S OF CLARKSVILLE RD.
 - 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 GRASS SEED 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.
 - SEDIMENT CONTROL: FOR SEDIMENT CONTROL PRACTICES SEE DMG. 89-726-E.
 - OIL RESERVOIR PIT TO BE 2'-0" DEEP & FILLED WITH #2 STONE TO AN ELEVATION 4" ABOVE FINISHED GRADES. DO NOT PLACE SHA-4 GRAY STONE (IN NOTE #3) ON TOP OF #2 STONE. SEE SECT "1-1".
 - LAY SOD TO A TIGHT FIT. ROLL TO ENSURE GOOD CONTACT WITH UNDERLYING SOIL. WATER AS NECESSARY FOR 1ST TWO WEEKS (IN SUMMER) TO ENSURE STABILIZATION.
 - ENTRANCE PAVING: TO CONSIST OF 3" (NOMINAL) BITUMINOUS CONCRETE SURFACE PLUS 5" (NOMINAL) BITUMINOUS CONCRETE BASE OVER 4" CR-6 COMPACTED TO 95% DENSITY.
 - INDICATES PAVED AREA SEE NOTES 4 & 10.
 - INDICATES DRAINAGE FLOW ARROWS.



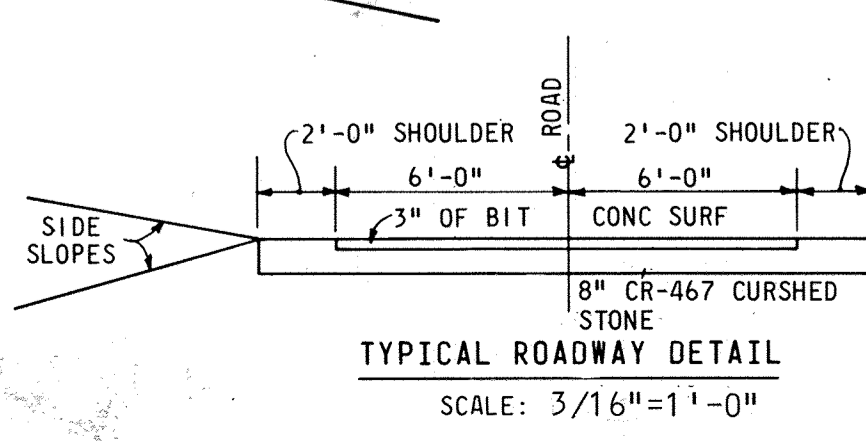
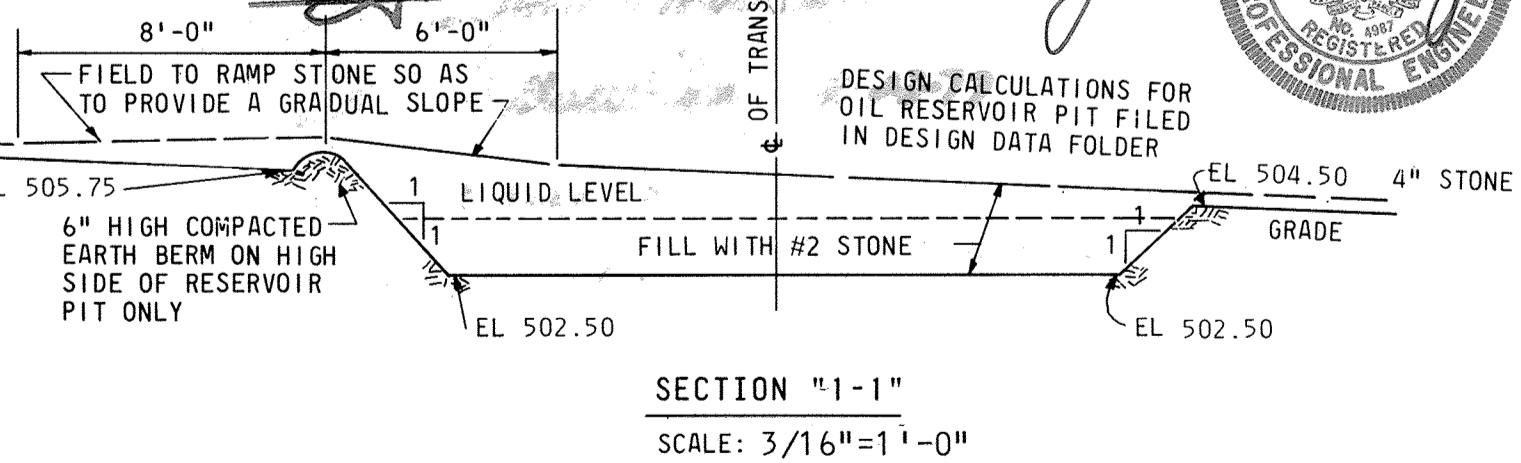
APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 2-3-77

CLARKSVILLE RD
PROFILE
SCALE: VERT NONE
HOR NONE

APPROVED: WITHOUT WATER OR SEWER SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE 2-23-77

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 2-23-77

APPROVED: FOR PUBLIC STORM DRAIN SYSTEMS & ROADS
HOWARD COUNTY DEPT OF PUBLIC WORKS
DATE 2-23-77



- NOTE:
SHOULDERS INSIDE FENCED IN AREA TO BE COVERED WITH STONE CHIP.
- BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 AS PROVIDED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
 - TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STANDARD SPECIFICATIONS.
 - ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STANDARD SPECIFICATIONS.

INFORMATION SHOWN HEREON IS TAKEN FROM A SURVEY MADE BY JAMES D. HICKS ASSOC INC DATED JANUARY 5, 1976.

Rev.	Date	Job Order	Description	Approved
1	1976	EC-1791	INSTLN OF 1-20MVA TRANSF & 2-13KV FDR	

SHEET 5 OF 6

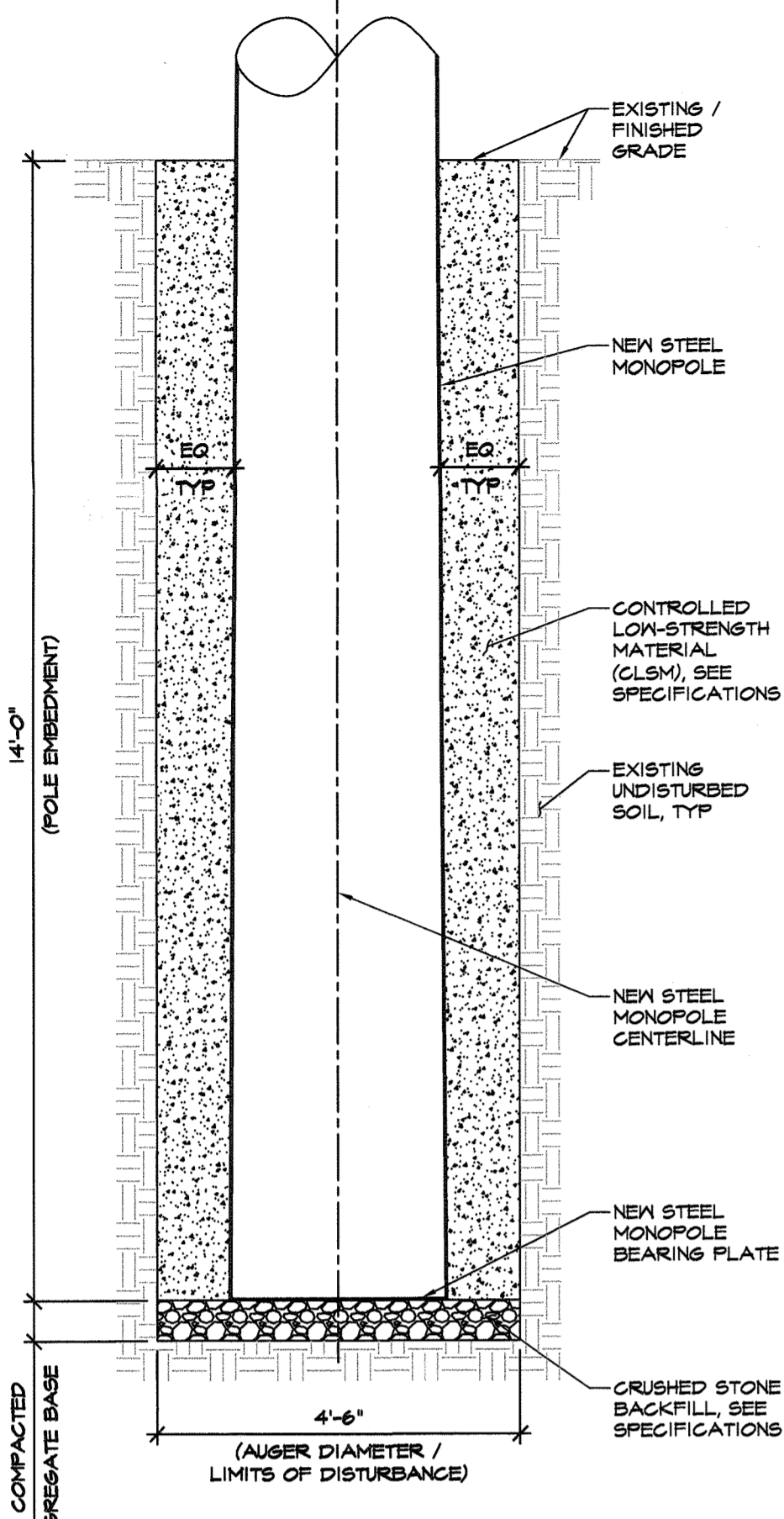
HOWARD COUNTY MARYLAND
ELECTION DISTRICT 5
TAX MAP #40 SDP#

SUBSTATION DRAINAGE
AREA MAP

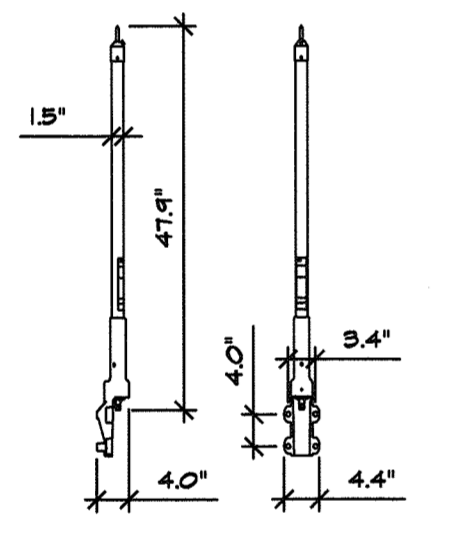
34.5-13KV SUBSTATION
HIGHLAND

BALTIMORE GAS AND ELECTRIC COMPANY
ELECTRIC ENGINEERING DEPARTMENT

File No: 89-735-E
Scale: 1"=25' (APPROX)
Dwg No: 89-735-E
Rev: B



2 POLE EMBEDMENT SECTION
SCALE: 1/2" = 1'-0"



BGE SSN ANTENNA DETAILS
NOT TO SCALE

CONSTRUCTION NOTES

CODES

- ANSI/TIA-222-G-2-2014 'STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS', AND ALL SUBSEQUENT SUPPLEMENTS
- INTERNATIONAL BUILDING CODE (IBC-2015)
- IN ADDITION, ALL CONSTRUCTION SHALL CONFORM WITH THE GOVERNING LOCAL BUILDING CODE

DESIGN LOADS

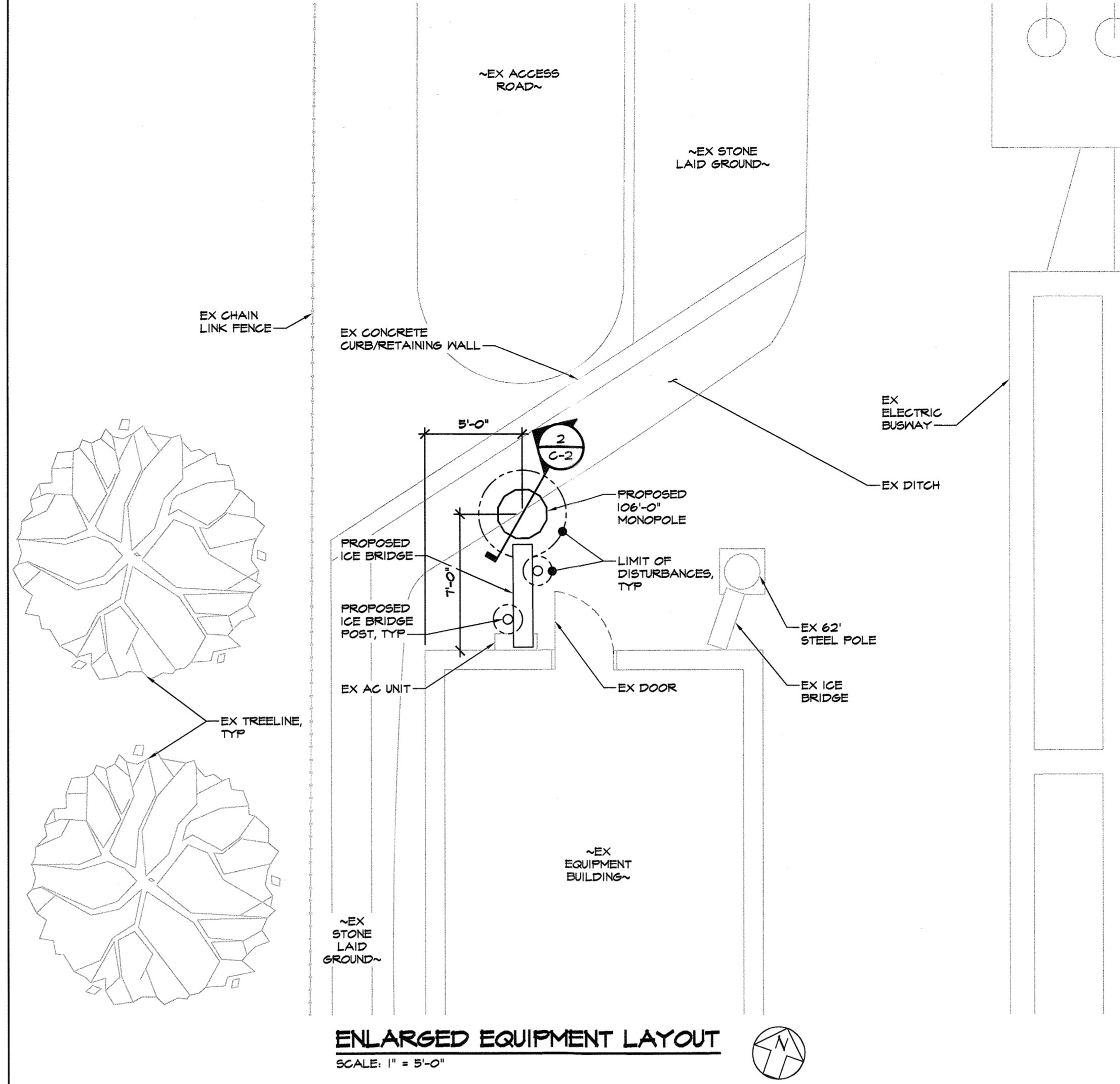
- THE EMBEDDED STEEL MONOPOLE HAS BEEN ASSIGNED TO SUPPORT THE APPURTENANCES LISTED IN THE MONOPOLE ANALYSIS REPORT BY MORRIS & RITCHE ASSOCIATES, JOB NO. 16208.267, DATED DECEMBER 9, 2018.
- WIND LOAD DESIGN DATA
 ULTIMATE WIND SPEED (NO ICE): $V_{100} = 120$ MPH
 BASIC WIND SPEED (WITH ICE): $V_1 = 40$ MPH
 DESIGN RADIAL ICE THICKNESS: $1/2$ " (ICE THICKNESS INCREASES WITH HEIGHT)
 RISK CATEGORY: III/IV
 EXPOSURE CATEGORY: C
 TOPOGRAPHIC CATEGORY: I
- EARTHQUAKE LOAD DESIGN DATA
 NOT APPLICABLE. $S_s < 1.00$
- THE CONTRACTOR SHALL PROVIDE TEMPORARY BRACINGS AS REQUIRED DURING ERECTION AND CONSTRUCTION. DESIGN OF TEMPORARY BRACINGS IS THE RESPONSIBILITY OF THE CONTRACTOR. SEE CONTROLLED LOW-STRENGTH MATERIAL SECTION OF NOTES FOR ADDITIONAL INFORMATION.

MISCELLANEOUS

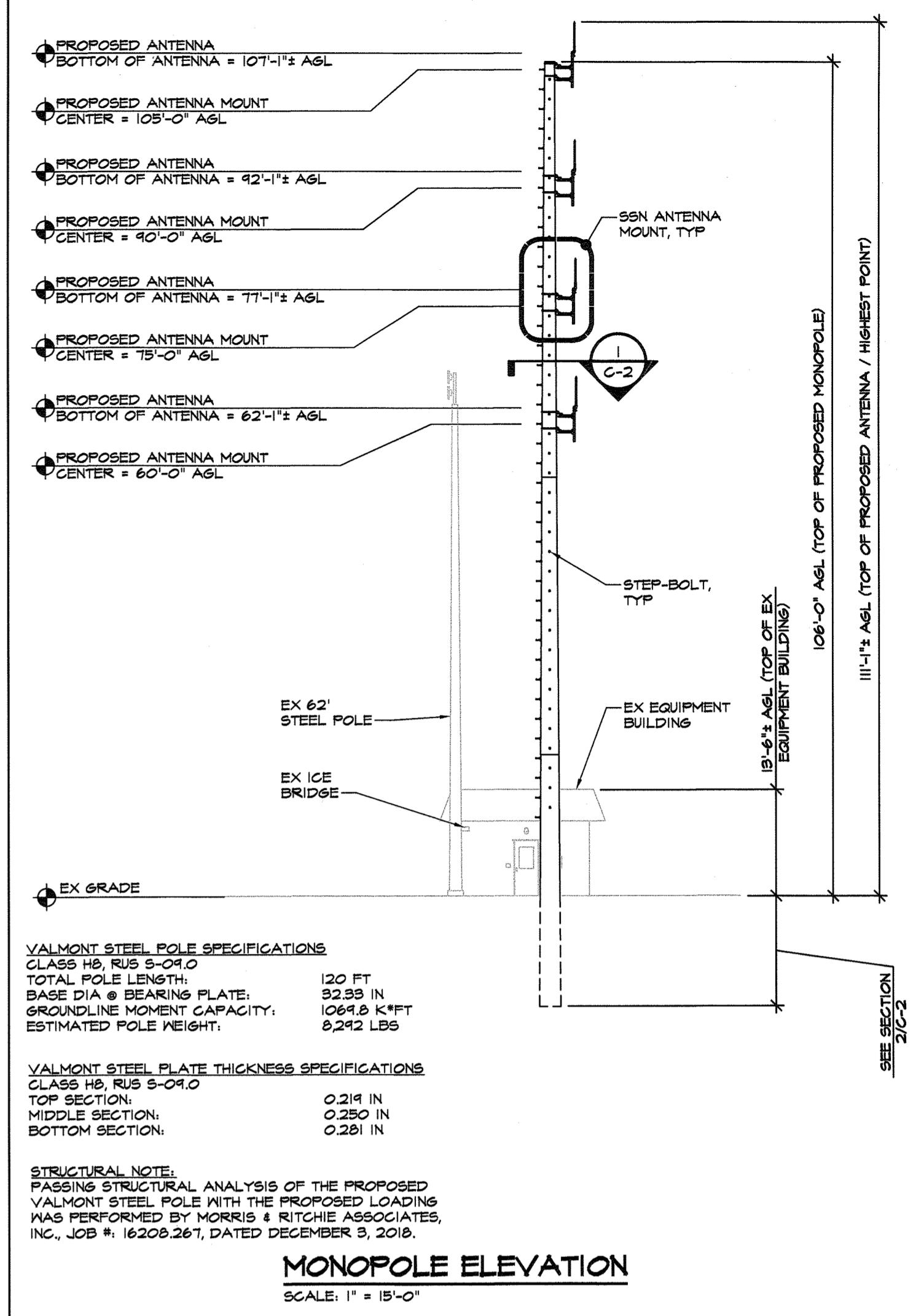
- THE CONTRACTOR SHALL INSTALL THE EMBEDDED STEEL MONOPOLE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS, IN ADDITION TO THE SPECIFICATIONS ON THESE DRAWINGS.
- THE CONTRACTOR SHALL LOCATE ALL UTILITIES IN THE AREA OF CONSTRUCTION AND PREVENT DAMAGE TO THEM. SHOULD DAMAGE OCCUR TO ANY UTILITIES, THE CONTRACTOR IS REQUIRED TO REPAIR THE DAMAGE TO THE SATISFACTION OF THE OWNER AT HIS OWN EXPENSE.
- IN CASES OF CONFLICT BETWEEN THE DRAWINGS AND/OR SPECIFICATIONS OR EXISTING CONDITIONS, CONTRACTOR SHALL NOTIFY THE DESIGN PROFESSIONALS AND OBTAIN CLARIFICATION PRIOR TO BIDDING AND PROCEEDING WITH WORK.
- THE CONTRACTOR SHALL NOT SUBMIT REPRODUCTIONS OF THE STRUCTURAL CONTRACT DOCUMENTS AS SHOP DRAWINGS.
- SCALES SHOWN ON THE STRUCTURAL CONTRACT DRAWINGS ARE FOR GENERAL INFORMATION ONLY. DIMENSIONAL INFORMATION SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS.
- APPLY DETAILS, SECTIONS AND NOTES ON THE DRAWINGS WHERE CONDITIONS ARE SIMILAR TO THOSE INDICATED BY DETAIL, DETAIL TITLE OR NOTE.
- PROVIDE SHORING AND PROTECTION FOR EXCAVATION AS NECESSARY TO PREVENT CAVING AND COMPLY WITH ALL APPLICABLE OSHA RULES AND REGULATIONS.
- SHOP DRAWINGS FOR ALL STRUCTURAL ELEMENTS SHOWN ON THE CONTRACT DOCUMENTS MUST BE SUBMITTED BY THE CONTRACTOR OR OWNER FOR REVIEW BY THE ENGINEER. IF THE CONTRACTOR OR OWNER FAILS TO SUBMIT THE SHOP DRAWINGS, THE ENGINEER WILL NOT BE RESPONSIBLE FOR STRUCTURAL CERTIFICATION AND DESIGN OF THE PROJECT. THE SHOP DRAWINGS SHALL INDICATE ANY DEVIATIONS OR OMISSIONS FROM THE CONTRACT DOCUMENTS. THE GENERAL CONTRACTOR SHALL REVIEW ALL SHOP DRAWINGS PRIOR TO SUBMISSION AND MAKE ALL CORRECTIONS DEEMED NECESSARY.

EMBEDDED STEEL MONOPOLE

- STEEL MONOPOLE SPECIFICATIONS:
 MANUFACTURER: VALMONT
 DESIGNATION: CLASS HB, RUS S-09.0 (12-SIDED)
 POLE TYPE: THREE-PIECE WITH SLIP JOINTS
 TOTAL POLE LENGTH: SEE DRAWINGS
 TOP SECTION THICKNESS: 0.214 IN
 MIDDLE SECTION THICKNESS: 0.250 IN
 BOTTOM SECTION THICKNESS: 0.281 IN
 BASE DIA @ BEARING PLATE: 32.93 IN
 GROUNDLINE MOMENT CAPACITY: 1,064.8 K'FT
 APPROXIMATE POLE WEIGHT: 8,242 LBS
 EMBEDMENT LENGTH: SEE DRAWINGS
- MISCELLANEOUS SPECIFICATIONS:
 STEEL FINISH: GALVANIZED
 CORROSION: 1'-6" ABOVE GRADE TO BOTTOM OF POLE
 CLIMBING HARDWARE: STEP-BOLTS 10' ABOVE GRADE TO TOP OF POLE



ENLARGED EQUIPMENT LAYOUT
SCALE: 1" = 5'-0"



MONOPOLE ELEVATION
SCALE: 1" = 15'-0"

STRUCTURAL AND MISCELLANEOUS STEEL

- ALL STEEL CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE AISC STEEL CONSTRUCTION MANUAL 'SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS' (ANSI/AISC 360) AND THE AISC 'CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES'.
- ALL PIPE SHALL CONFORM TO ASTM A53, GRADE B ($F_y = 35$ KSI).
- ALL U-BOLTS SHALL CONFORM TO ASTM A307 ($F_u = 60$ KSI).
- ALL NUTS SHALL CONFORM TO ASTM A563.
- ALL WASHERS SHALL CONFORM TO ASTM F436.
- FIELD WELDING IS NOT PERMITTED.
- THE CONTRACTOR SHALL NOT SPlice OR CUT OPENINGS IN STEEL MEMBERS NOT SHOWN ON CONTRACT DRAWINGS WITHOUT THE PERMISSION OF THE STRUCTURAL ENGINEER.
- ALL STEEL MEMBERS, FABRICATIONS AND ASSEMBLIES SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123 AFTER FABRICATION. ALL BOLTS, WASHERS & NUTS SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM F2324.
- DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED BY COLD GALVANIZING IN ACCORDANCE WITH ASTM A780.
- AN INDEPENDENT INSPECTION AGENCY SHALL INSPECT ALL STRUCTURAL STEEL AND VERIFY THAT IT CONFORMS TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. FIELD INSPECTION REPORTS SHALL BE SUBMITTED TO THE ENGINEER WITHIN 5 DAYS OF THE INSPECTION. THE CONTRACTOR SHALL NOTIFY THE INSPECTION AGENCY OF ALL PHASES OF STEEL CONSTRUCTION AND WELDING.

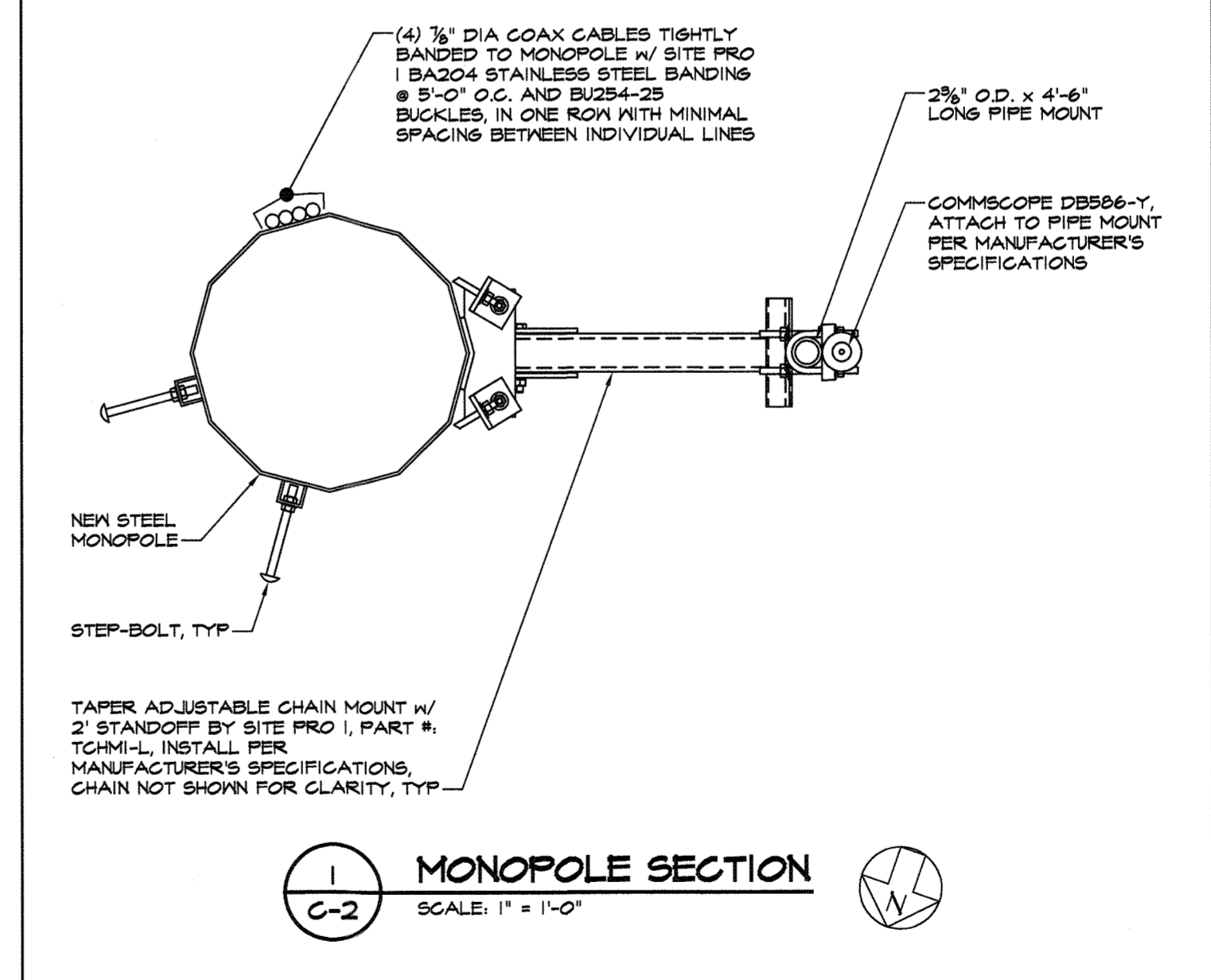
STRUCTURAL BACKFILL

CRUSHED STONE

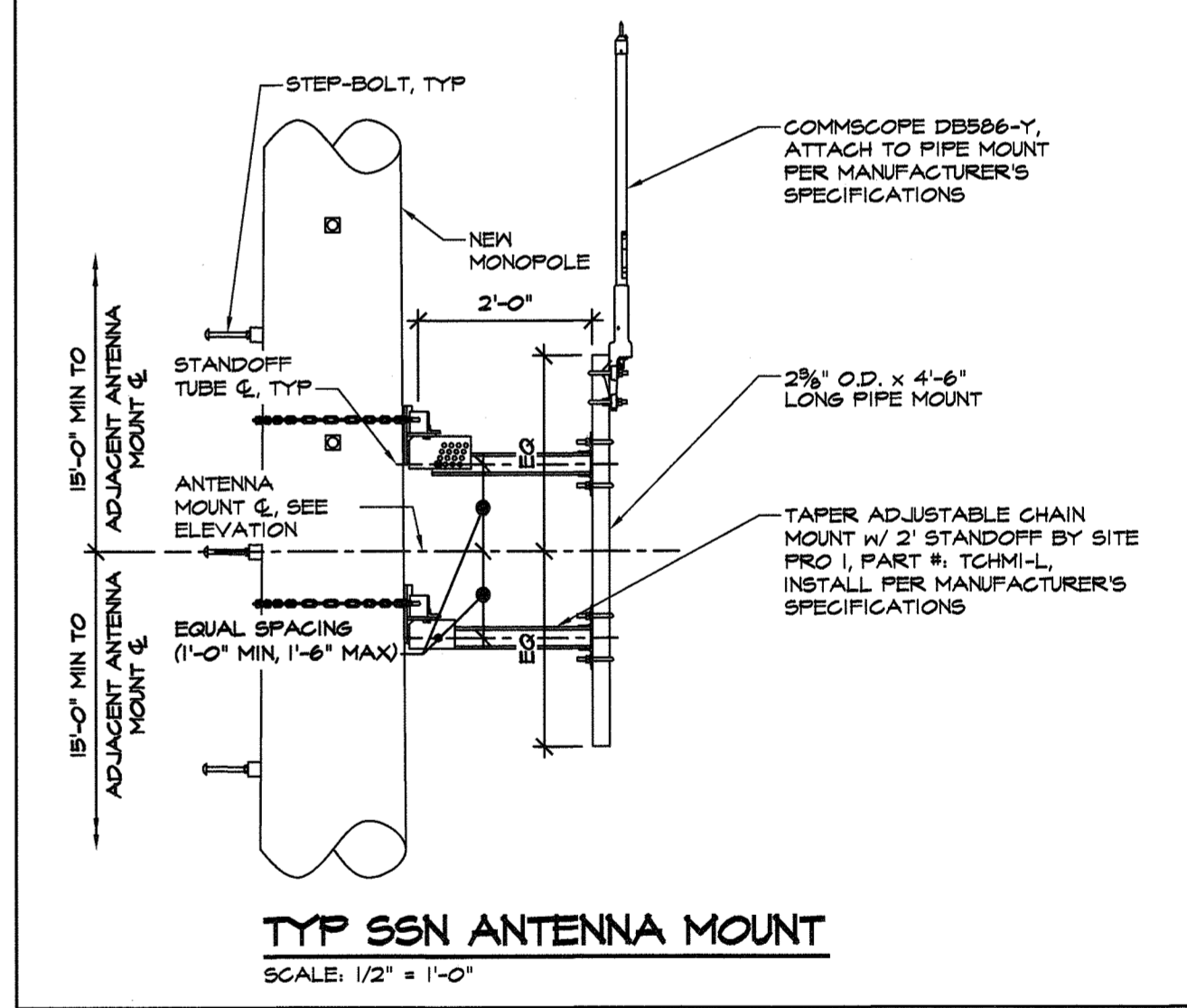
- STONE SHALL BE 1" DIAMETER OR SMALLER MEETING THE GRADATION REQUIREMENTS OF SIZE NO. 57 PER COARSE AGGREGATE OF ASTM C33.
- STONE SHALL BE DEPOSITED IN 6 INCH MAXIMUM LOOSE LIFTS AND COMPACTED TO THE SPECIFIED FINISHED GRADE.

CONTROLLED LOW-STRENGTH MATERIAL (CLSM)

- ALL CLSM CONSTRUCTION SHALL CONFORM TO THE LATEST STANDARD FOR CONTROLLED LOW-STRENGTH MATERIAL (ACI 224).
- CLSM MATERIAL SPECIFICATIONS:
 1. AGGREGATE SHALL CONFORM TO ASTM C33. COARSE AGGREGATE SHALL CONSIST OF A WELL-GRADED MIXTURE OF CRUSHED ROCK OR SAND WITH A MAXIMUM SIZE AGGREGATE OF $3/8$ ". 100% SHALL PASS THE $1/2$ " SIEVE. NOT MORE THAN 30% SHALL BE RETAINED BY THE $3/8$ " SIEVE AND NOT MORE THAN 12% SHALL PASS THE NUMBER 200 SIEVE. ALL MATERIAL SHALL BE FREE FROM ORGANIC MATTER AND NOT CONTAIN MORE ALKALI, SULFATES, OR SALTS THAN THE NATIVE MATERIAL AT THE SITE.
 2. THE ENTRAINED AIR CONTENT SHALL BE A MINIMUM OF 6% AND A MAXIMUM OF 20%.
 3. AIR ENTRAINING ADMIXTURE AND/OR WATER REDUCING AGENT MAY BE ADDED TO IMPROVE THE WORKABILITY AND SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM C260 AND ASTM C494, RESPECTIVELY.
 4. WATER SHALL BE POTABLE, CLEAN AND FREE FROM OBJECTIONABLE QUANTITY OF SILTY ORGANIC MATTER, ALKALI, SALTS, AND OTHER IMPURITIES.
 C. CLSM PERFORMANCE SPECIFICATIONS:
 1. THE MINIMUM 28 DAY COMPRESSIVE STRENGTH SHALL BE 300 PSI.
 2. THE MINIMUM UNCONFINED COMPRESSIVE STRENGTH AT 8-HOURS SHALL BE 50 PSI. THE STEEL MONOPOLE SHALL BE TEMPORARILY SUPPORTED DURING THE CLSM 8-HOUR SETTING PERIOD TO ALLOW THE CLSM TO PROPERLY CURE.
 3. THE MINIMUM FLOW (SLUMP) SHALL BE 6 INCHES WHEN TESTED IN ACCORDANCE WITH ASTM D6103.
 D. ALL CLSM MIX DESIGNS, INCLUDING CEMENT CONTENT, WATER CEMENT RATIO, FINE AND COARSE AGGREGATE CONTENT AND ALL ADMIXTURES, SHALL BE REVIEWED BY ENGINEER PRIOR TO PLACING FIRST CLSM.
 E. ALL CLSM SHALL BE SAMPLED AND TESTED BY THE TESTING AGENCY. THE CONTRACTOR SHALL NOTIFY THE TESTING AGENCY 48 HOURS PRIOR TO THE PLACING OF ANY CLSM. TESTING SHALL BE IN ACCORDANCE WITH ASTM C84.
 F. THE CLSM SHALL NOT BE REQUIRED TO SUPPORT WIND LOADING FOR A MINIMUM OF 6 HOURS AND ALL TEMPORARY BRACING REQUIRED TO SUPPORT THE MONOPOLE STRUCTURE DURING CONSTRUCTION SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR. SHOP DRAWINGS SHALL BE REVIEWED AND SEALED BY A REGISTERED ENGINEER IN THE STATE OF MARYLAND. SHALL BE SUBMITTED FOR REVIEW. SHOP DRAWINGS SHALL INDICATE THE TYPE, EXTENT, SIZE, AND LOCATION OF ALL TEMPORARY BRACING, AS WELL AS THE SEQUENCE OF CONSTRUCTION.



1 MONOPOLE SECTION
SCALE: 1" = 1'-0"



TYP SSN ANTENNA MOUNT
SCALE: 1/2" = 1'-0"

GENERAL NOTES

- CONTRACTOR SHALL NOTIFY 'MISS UTILITY' (1-800-281-7777) 48 HOURS PRIOR TO DOING ANY EXCAVATION IN THIS AREA. CONTRACTOR SHALL CONTACT A SUBSURFACE UTILITY LOCATOR FOR LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL VERIFY EXISTING UTILITY LOCATIONS BY TEST PIT AS NECESSARY. LOCATION OF UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND FOR PLANNING PURPOSES ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. DAMAGE TO UTILITIES OR PROPERTY OF OTHER BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED TO PRECONSTRUCTION CONDITIONS BY THE CONTRACTOR.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND ORDINANCES, THE LATEST EDITION THEREOF.
- BUILDING PERMIT WILL BE OBTAINED BY BALTIMORE GAS & ELECTRIC. GENERAL CONTRACTOR SHALL SECURE ELECTRICAL PERMIT FOR THIS PROJECT FROM ALL APPLICABLE GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
- CONTRACTOR SHALL COORDINATE ALL UTILITY CONNECTIONS WITH APPROPRIATE UTILITY OWNERS.
- EXISTING PAVEMENT AND OTHER SURFACES DISTURBED BY CONTRACTOR (WHICH ARE NOT TO BE REMOVED) SHALL BE REPAIRED TO PRECONSTRUCTION CONDITIONS BY THE CONTRACTOR.
- THE STRUCTURE WILL NOT SUPPORT LIGHTS OR SIGNS UNLESS REQUIRED FOR AIRCRAFT WARNING OR OTHER SAFETY PURPOSES.
- IF THE ANTENNAS ARE NO LONGER USED FOR TELECOMMUNICATIONS PURPOSES FOR A CONTINUOUS PERIOD OF ONE (1) YEAR, THEY SHALL BE REMOVED BY THE ANTENNA OWNER AT OWNER'S EXPENSE.

CONTACTS	
APPLICANT:	BALTIMORE GAS & ELECTRIC 1048 NORTH FRONT STREET BALTIMORE, MD 21202 TEL: (410) 470-8572 FAX: (410) 470-8849
APPLICANT'S ATTORNEY:	BANKERS TRUST CO TRUSTEE C/O BALTIMORE GAS & ELECTRIC CO PO BOX 1478 BALTIMORE, MARYLAND 21208-1478
PROPERTY OWNER:	BALTIMORE GAS & ELECTRIC COMPANY BANKERS TRUST CO TRUSTEES PO BOX 1478 BALTIMORE, MD 21208

MORRIS & RITCHE ASSOCIATES, INC.
ENGINEERS, PLANNERS, SURVEYORS AND LANDSCAPE ARCHITECTS
14280 PARK CENTER DRIVE
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(410) 792-9792 / (301) 776-1690
FAX: (410) 792-7395
MRAGTA.COM
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HIGHLAND SUBSTATION - BGE
SDP-77-34
ESSENTIAL TELECOMMUNICATION STRUCTURE
CONSTRUCTION DETAILS AND NOTES

ELECTION DISTRICT 5, ZONE B-1 (BUSINESS: LOCAL DISTRICT)
13365 CLARKSVILLE PIKE
HIGHLAND, MARYLAND 20777 - HOWARD COUNTY

DATE	REVISIONS	JOB NO.:
1-09-2019	REVISED SITE DEVELOPMENT PLAN FOR TELECOM STRUCTURE AND NEW SHEET & MONOPOLE DETAILS	16208267
		DATE: 11/30/18
		DESIGN BY: MAM
		REVIEW BY: TM
		SHEET: 6 OF 6

MD PROFESSIONAL CERTIFICATION: 1-9-19

I HEREBY CERTIFY THAT THESE 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. 29203, EXPIRATION DATE: 06/16/2019.

Know what's below. Call before you dig.
PROTECT YOURSELF. GIVE THREE WORKING DAYS NOTICE.
THIS DRAWING DOES NOT INCLUDE NECESSARY COMMENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THERE TO APPURTENANCE.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING	
CHIEF, DEVELOPMENT ENGINEERING DIVISION &	1/18/19 DATE
CHIEF, DIVISION OF LAND DEVELOPMENT	1/23/19 DATE
DIRECTOR OF PLANNING AND ZONING	1-23-19 DATE