

VIGNITY MAP SCALE: 1"=100'

BENCH MARK SCHEDULE

- B.M. #1 STA 700 NAIL IN CURB ELEV. 179.23
- B.M. #2 POL STA. 1 RAILROAD SPIKE ELEVATION 179.81
- B.M. #3 STA. 702 NAIL IN PAVING ELEV. 190.84
- B.M. #4 RAILROAD SPIKE IN BASE OF G.F.E. POLE # 334925 ELEVATION 213.08

LEGEND

- EXIST. CONTOURS 10'
- PROP. SPOT ELEV. +179.5
- NEW ADDITION
- EXIST. RETAINING WALL
- PROP. 5' BITUMINOUS PAVING
- PROP. 4' CONCRETE WALK
- PROP. CONCRETE PAVING
- PROP. STORM DRAIN

NOTE: ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD CO. ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
Jocelyn Borden COUNTY HEALTH OFFICER 9-22-77 DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Thomas A. Harvia PLANNING DIRECTOR 9-22-77 DATE
 CHIEF DIVISION OF LAND DEVELOPMENT 9-22-77 DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Pat Regan DIRECTOR 9-21-77 DATE
P. H. Wehrend CHIEF BUREAU OF HIGHWAYS 9-20-77 DATE

NOTE: NEW CONCRETE BOX CULVERT SHALL NOT BE CONSTRUCTED AS PART OF THIS PLAN BUT AS PART OF HOWARD COUNTY CONTRACT D-4-1011.

CURVE DATA FOR CULVERT
 R=40.00
 Δ=76°
 A=53.06'
 CHD=47.25
 TAN=31.23

PLAN
 SCALE: 1"=10'

NOTE: WE, TALBOTT LUMBER COMPANY OWNERS HEREOF DO HEREBY AGREE THAT THE RESPONSIBILITY FOR THE CARE, REPAIRS AND MAINTENANCE OF THE STORM DRAINS SHOWN HEREOF SHALL BE THE RESPONSIBILITY OF THE OWNERS, AND THAT ALL COST MAINTENANCE SHALL BE BORNE BY OWNERS, FOR EMERGENCY REPAIRS DO AS TO PROTECT THE PUBLIC HEALTH, SAFETY AND WELFARE OWNERS GRANT TO THE COUNTY THE RIGHT TO ENTER THE IMPROVEMENTS TO BE CONSTRUCTED IN THE AREAS ENCLOSED BY STORM DRAINAGE ELEMENTS HEREOF, ANY COST INCURRED BY COUNTY IN CONNECTION WITH EMERGENCY REPAIRS TO BE BORNE BY OWNERS.



Ben Rose OWNER 7/5/77 DATE

ARCHITECT
 BENNETT / JOLSON ASSOCIATES
 AMERICAN CITY BUILDING, SUITE 719
 COLUMBIA, MARYLAND 21044
 TELEPHONE 301-730-1700

OWNER / DEVELOPER
 TALBOTT LUMBER CO.
 8308 MAIN STREET
 ELLICOTT CITY, MD.
 21043 PHONE 405-4000

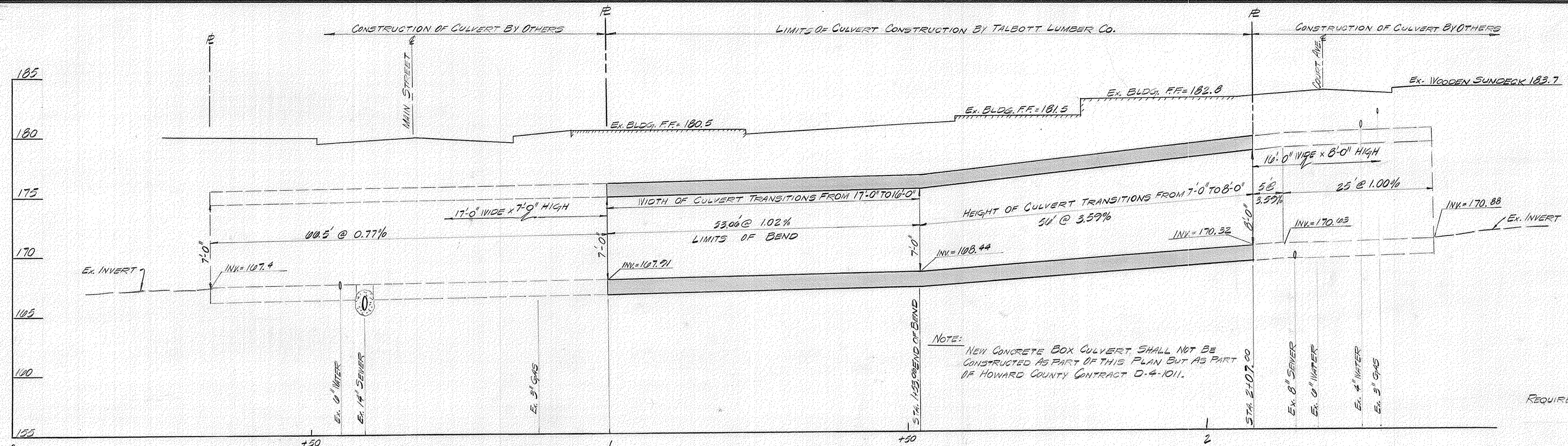


| REVISIONS | | |
|-----------|------|----|
| N° | DATE | BY |
| | | |
| | | |
| | | |

SITE PLAN
 SITE DEVELOPMENT PLANS, BLDG. ADDITIONS AND ALTERATIONS
TALBOTT LUMBER CO.
 ELLICOTT CITY, MARYLAND
 LIBER 028 FOLIO 083
 ELECTION DISTRICT 2 TAX MAP N° 25

MACRIS-FOWLER ASSOCIATES
 CIVIL-STRUCTURAL ENGINEERS, SURVEYORS, PLANNERS
 27 W. JEFFERSON ST. ROCKVILLE, MD. 20850 (301) 340-8705
 (301) 762-3858

| | |
|--------------------|----------------------|
| DESIGNED J.C.G. | DRAWN D.A.C. |
| CHECKED J.A.H. | DATE 4/7/77 |
| JOB N° 75-502 | DRAWING N° 1 of 4 |



SITE ANALYSIS

PRESENT ZONING - COMMERCIAL
 TOTAL SITE AREA - 33,035 # OR 0.758 AC.
 TOTAL DISTURBED AREA - 27,055 #
 TOTAL AREA TO BE PAVED - 7,835 #
 TOTAL BUILDING COVERAGE - 10,424 # OR 49.7%

PARKING SCHEDULE

REQUIRED: 740 # RETAIL SALES AREA @ 1 CAR/100 # = 8 SPACES
 LUMBER STORAGE AREA @ 2 EMPLOYEES @ 1 CAR PER 2 EMPLOYEES = 1 SPACE
 TOTAL REQUIRED = 9 SPACES
 TOTAL SPACES PROVIDED = 9 SPACES
 8-TYPICAL SPACES @ 10'x20'
 1-HANDICAPPED SPACE @ 12'x20'

NOTE:
 NEW CONCRETE BOX CULVERT SHALL NOT BE CONSTRUCTED AS PART OF THIS PLAN BUT AS PART OF HOWARD COUNTY CONTRACT 0-4-1011.

CULVERT NOTES

1. REMOVE EXIST. CULVERT WALLS AS NECESSARY FOR NEW CONSTRUCTION.
2. CULVERT BOTTOM SLAB SHALL BE ON UNDISTURBED EARTH OR EXPOSED ROCK OUTCROPPINGS. EXCAVATE AS NECESSARY TO OBTAIN FULL BOTTOM SLAB THICKNESS.
3. BACKFILL BELOW BOTTOM OF SLAB SHALL BE WITH #2 CRUSHED STONE OR CLASS "C" CONCRETE.
4. SEE TALBOTT LUMBER CO. BUILDING STRUCTURAL DRAWINGS FOR ADDITIONAL TOP SLAB MODIFICATIONS.

LOADING: H.S. 20-44

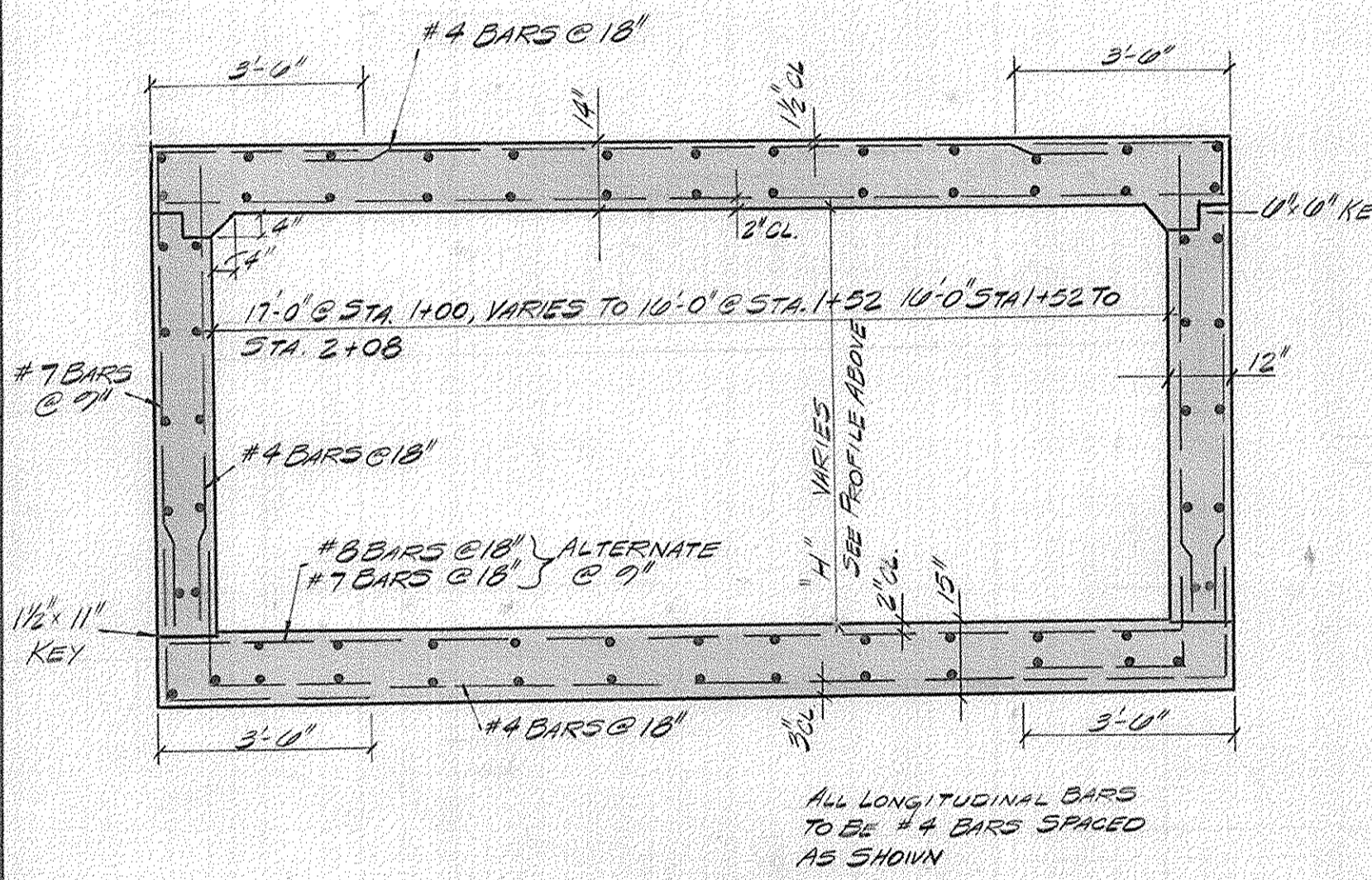
SPECIFICATION: MD. S.H.A. SPECIFICATION AND ERRATA TO SPECIFICATIONS DATED MARCH 1966 AND SPECIAL PROVISIONS FOR MATERIALS AND CONSTRUCTION, A.H.S.H.O. STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES DATED 1973 FOR DESIGN INCLUDING ALL INTERIM SPECIFICATIONS FOR REINFORCED CONC. DESIGN.

REINFORCING: REINFORCING STEEL SHALL CONFORM TO A.S.T.M. A-36, GRADE 40 LAP A MIN. OF 24 DIAMETERS AT ALL SPLICES. ALLOWABLE FS = 54,000 P.S.I. REINFORCING STEEL TO HAVE A 2" MIN. CL. COVER, UNLESS OTHERWISE SHOWN.

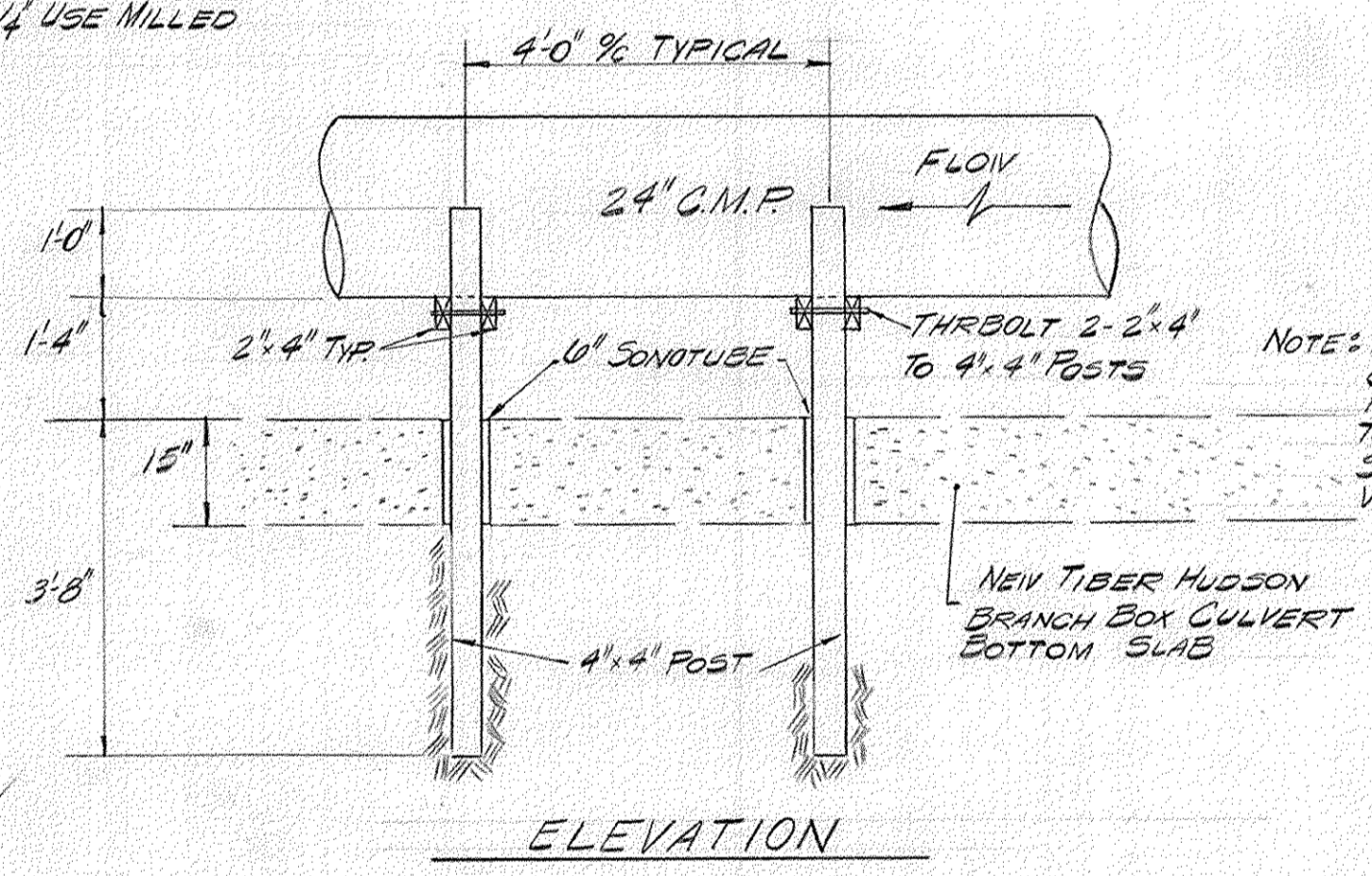
CHAMFER: ALL EXPOSED EDGES OF CONCRETE TO BE CHAMFERED 3/4" x 3/4" USE MILLED CHAMFER STRIPS.

CONCRETE: CONCRETE SHALL BE CLASS A-1, AIR-ENTRAINED FC - 3000 P.S.I. @ 28 DAYS CONTAINING AN APPROVED RETARDING ADMIXTURE. SUBFOUNDATIONS IF REQUIRED SHALL BE CLASS "C" CONCRETE.

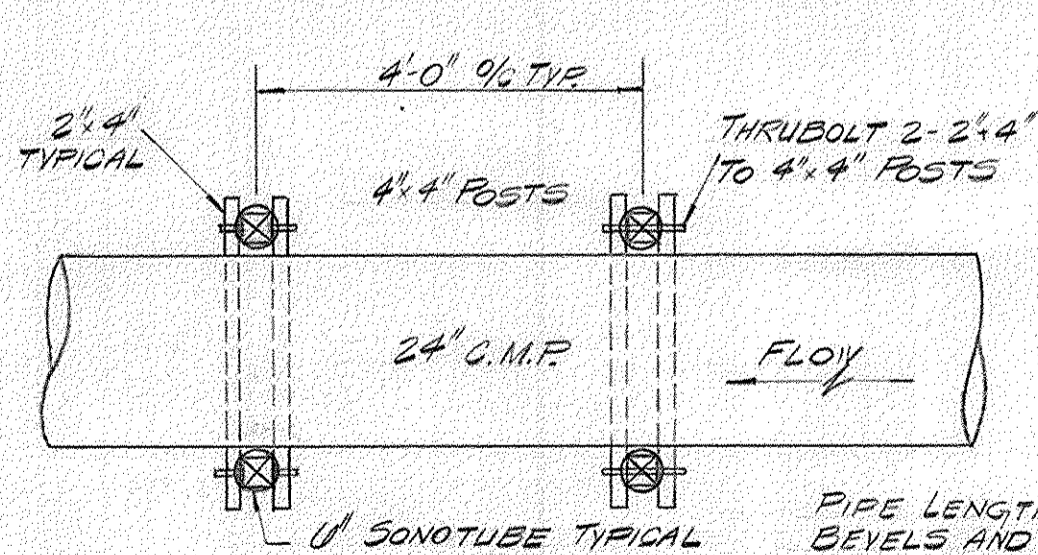
MEMBRANE WATERPROOFING: ALPHEX (2) TWO PLY MEMBRANE WATERPROOFING 18" WIDE TO THE EARTH SIDE AND ABOVE THE NORMAL WATER SURFACE OF ALL CONSTRUCTION JOINTS WITH AIR ON ONE SIDE AND EARTH ON THE OTHER. DO NOT USE ON CONTRACTION AND EXPANSION JOINTS.



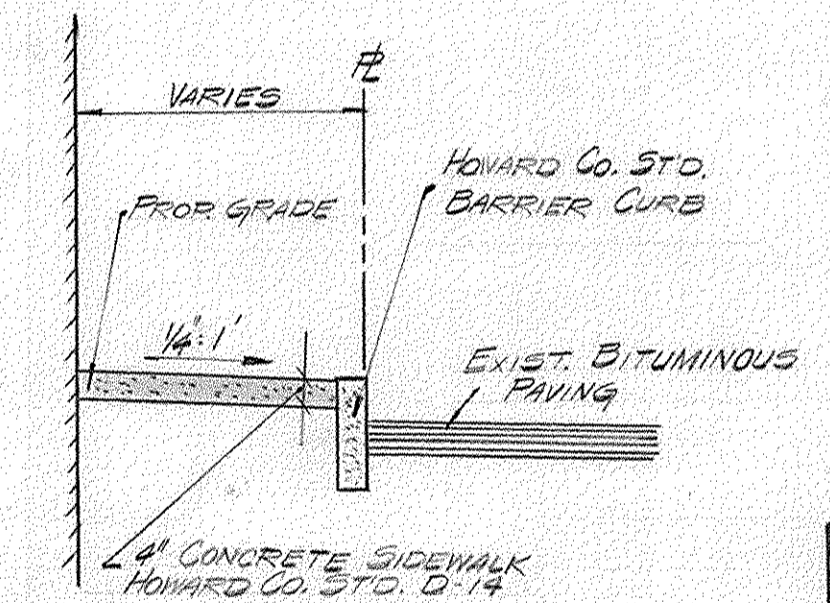
TYPICAL SECTION BOX CULVERT
 SCALE: 3/8" = 1'-0"



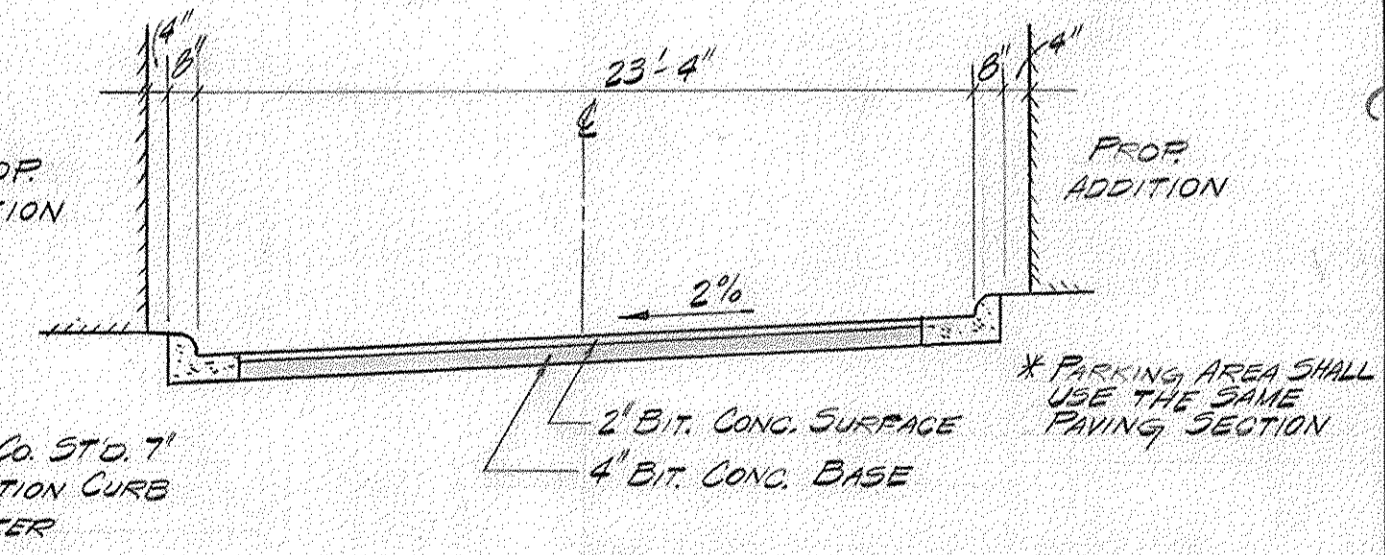
ELEVATION



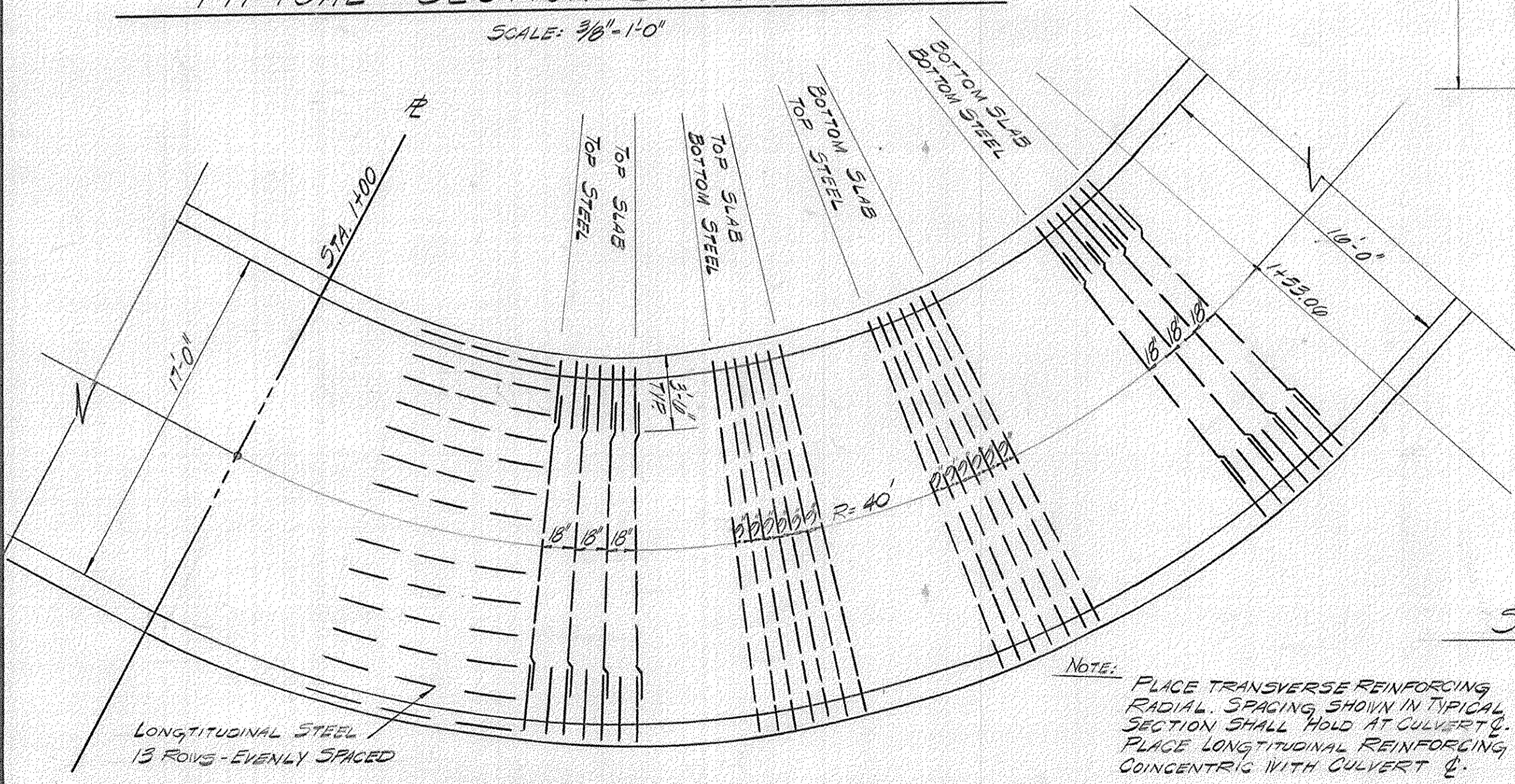
SUPPORTS FOR TEMPORARY LOW FLOW BYPASS
 SCALE: 1/2" = 1'-0"



TYPICAL SECTION ALONG COURT AVE.
 NO SCALE



FRONT DRIVEWAY SECTION
 NO SCALE



REINFORCING PATTERNS @ BEND
 SCALE: 3/16" = 1'-0"

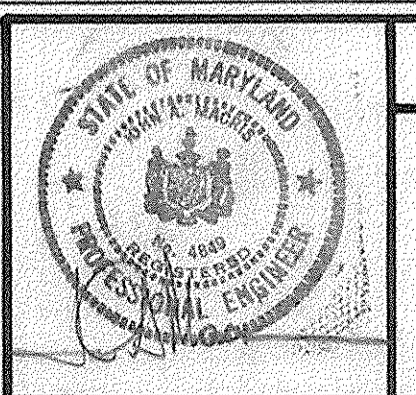
CASE HISTORY
 BOARD OF APPEALS CASE # 024-C - 1/29/70
 ZONING BOARD CASE # 007 - 10/22/75

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
John P. ...
 COUNTY HEALTH OFFICER 9-22-77 DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Thomas L. ...
 PLANNING DIRECTOR 9-22-77 DATE
...
 CHIEF DIVISION OF LAND DEVELOPMENT 9-22-77 DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
M. ...
 DIRECTOR 9-22-77 DATE
...
 CHIEF BUREAU OF HIGHWAYS 9/20/77 DATE

APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 7-27-77

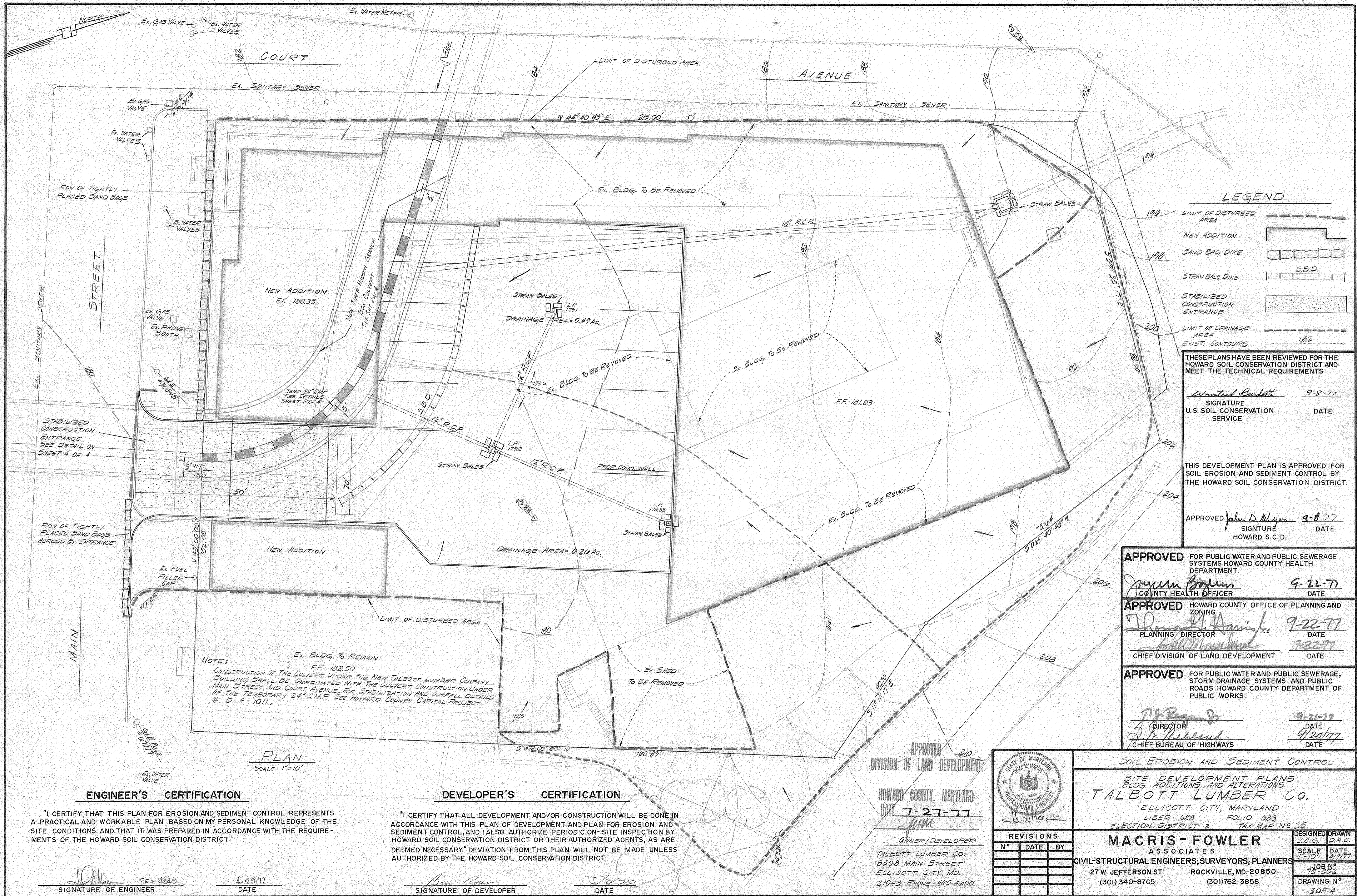


SITE DEVELOPMENT PLANS
 BLDG. ADDITIONS AND ALTERATIONS
TALBOTT LUMBER CO.
 ELLICOTT CITY, MARYLAND
 LIBER 623 FOLIO 693
 ELECTION DISTRICT 2 TAX MAP NO 23

| REVISIONS | | | DESIGNED | DRAWN |
|-----------|------|----|----------|--------|
| N° | DATE | BY | J.C.G. | D.A.G. |
| | | | | |
| | | | | |
| | | | | |

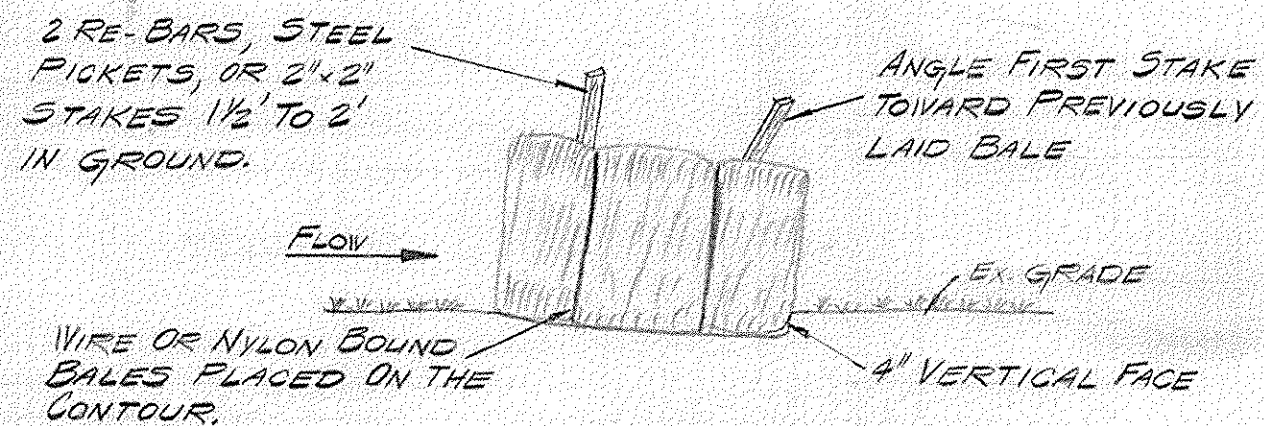
MACRIS-FOWLER ASSOCIATES
 CIVIL-STRUCTURAL ENGINEERS, SURVEYORS, PLANNERS
 27 W. JEFFERSON ST. ROCKVILLE, MD. 20850 (301) 340-8705
 ROCKVILLE, MD. 20850 (301) 762-3858

SCALE: AS SHOWN
 DATE: 7-27-77
 JOB N°: 75-202
 DRAWING N°: 2054

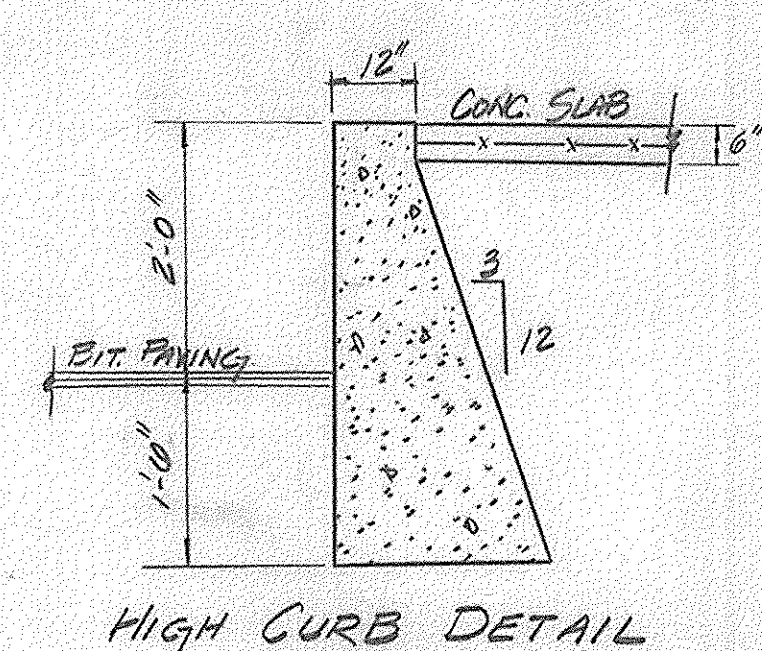


SOIL EROSION AND SEDIMENT CONTROL NOTES

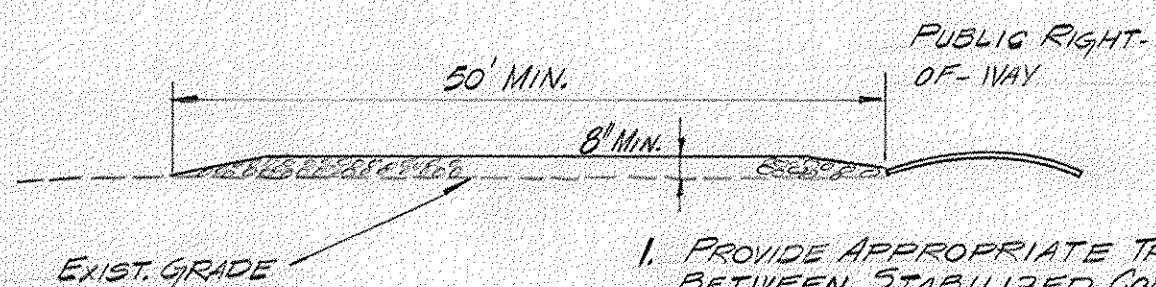
- ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED PRIOR TO ANY GRADING OF THE SITE.
- ALL SEDIMENT CONTROL MEASURES ARE TO REMAIN IN PLACE UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD CO. DEPT. OF INSPECTIONS/PERMITS, PHONE 445-3180 OR 445-5000 EXT. 301.
- NOTIFY THE HOWARD CO. DEPT. OF INSPECTIONS/PERMITS AT LEAST 24 HOURS BEFORE STARTING ANY WORK.
- ALL SEDIMENT CONTROL MEASURES SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS IN URBANIZING AREAS AND AS SHOWN AND DETAILED ON THIS PLAN.
- CONTINUED INSPECTION AND MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE DEVELOPER.
- SEED OR SOO ALL EXPOSED SOIL IN GRASS AREAS WITHIN 72 HOURS OF GRADING TO FINISHED GRADE IN ACCORDANCE WITH H.S.C.D. STANDARDS AND SPECIFICATIONS AND THESE NOTES. LAY BASE COURSE IN PAVED AREAS OR PROTECT WITH BITUMINOUS MULCH OR OTHER METHODS APPROVED BY THE ENGINEER WITHIN 72 HOURS OF FINE GRADING.
- TEMPORARY SEEDING
 - GROUND LIMESTONE - 3500 LBS./AC. WORK INTO TOP 3" OF SOIL
 - FERTILIZER - 1300 LBS./AC. 10-10-10
 - MULCH - 3000 LBS./AC. STRAW (WHEAT PREFERRED)
 - SEED - 40 LBS./AC. RYE GRASS
 - BINDER - ASPHALT SPRAY OF MULCH @ RATE OF 1 gal. PER 1000 SQ. FT.
 - ALTERNATE - HYDROSEED FERTILIZER, SEED AND MULCH USING "TURFIBER" OR APPROVED EQUAL
- PERMINENT SEEDING
 - GROUND LIMESTONE - 2000 LBS./AC. WORK INTO TOP 3" OF SOIL
 - FERTILIZER - 1300 LBS./AC. 10-10-10
 - SEED - 70% KENTUCKY 31 TALL FESCUE
- 8% RYE GRASS
- 2% MERION BLUEGRASS
 - SEEDING RATE - 348 LBS./AC.
 - BINDER - HYDROSEED FERTILIZER, SEED AND BINDER USING "TURFIBER" OR EQUAL



STRAW BALE DIKE
NO SCALE



HIGH CURB DETAIL



- PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND PUBLIC RIGHT OF WAY.
- USE M.S.H.A. #2 (2-1/2" TO 1") OR A.A.S.H.T.O. DESIGNATION M43 #2 (2-1/2" TO 1-1/2") USE CRUSHED STONE.

STABILIZED CONSTRUCTION ENTRANCE
NO SCALE

NOTE: ALL EXCESS DIRT SHALL BE GIVEN TO ONLY THOSE PERSONS HAVING AN APPROVED GRADING PLAN.

SEQUENCE OF CONSTRUCTION

- CONTRACTOR SHALL OBTAIN GRADING PERMIT.
- PLACE SAND BAGS ALONG MAIN STREET PROPERTY LINE BEFORE ANY SITE DISTURBANCE IS BEGUN.
- REMOVE EXISTING BUILDINGS NECESSARY FOR CONSTRUCTION OF THE IMPROVED CULVERT AND NEW BUILDING ADDITION.
- CONSTRUCT STRAW BALE DIKE PRIOR TO CULVERT CONSTRUCTION.
- DAM TIBER HUDSON BRANCH UPSTREAM FROM CONSTRUCTION WITH AN EARTH BERM AND CONSTRUCT TEMPORARY 24" G.M.P. THROUGH CULVERT CONSTRUCTION AREA.
- PROCEED WITH CONSTRUCTION OF NEW BOX CULVERT.
- CONSTRUCT ON-SITE STORM DRAINAGE SYSTEM, ENCASES 18" R.C.P. AS SHOWN ON THESE PLANS.
- COMPLETE CULVERT CONSTRUCTION, REMOVE STRAW BALE DIKE, GRADE SITE AS NECESSARY FOR CONSTRUCTION OF THE NEW BUILDING AND PARKING AREA. STRAW BALES AROUND INLETS SHALL REMAIN UNTIL THE BASE COURSE IS LAID.
- AS AREAS ARE BROUGHT TO FINAL GRADE, STABILIZE PAVED AREAS BY SPREADING BITUMINOUS MULCH OR BY LAYING BASE COURSE AND SOO/SEED GRASSSED AREAS.
- WHEN ENTIRE SITE IS STABILIZED ALL SEDIMENT CONTROL STRUCTURES SHALL BE REMOVED.

SODDING NOTES

- APPLY 10-10-10 FERTILIZER @ 1000 LBS./AC. (25 LBS./1000 SQ. FT.)
- APPLY GROUND AGRICULTURE LIMESTONE @ 2000 LBS./AC. (50 LBS./1000 SQ. FT.)
- INCORPORATE BOTH LIME AND FERTILIZER INTO SOIL BY DISCING. FIRM UP AFTER INCORPORATION.
- LAY SOO TO A TIGHT FIT. ROLL TO ENSURE CONTACT WITH UNDER LYING SOIL. WATER AS NECESSARY FOR FIRST TWO WEEKS (IN SUMMER) TO ENSURE ESTABLISHMENT.

ENGINEER'S CERTIFICATION

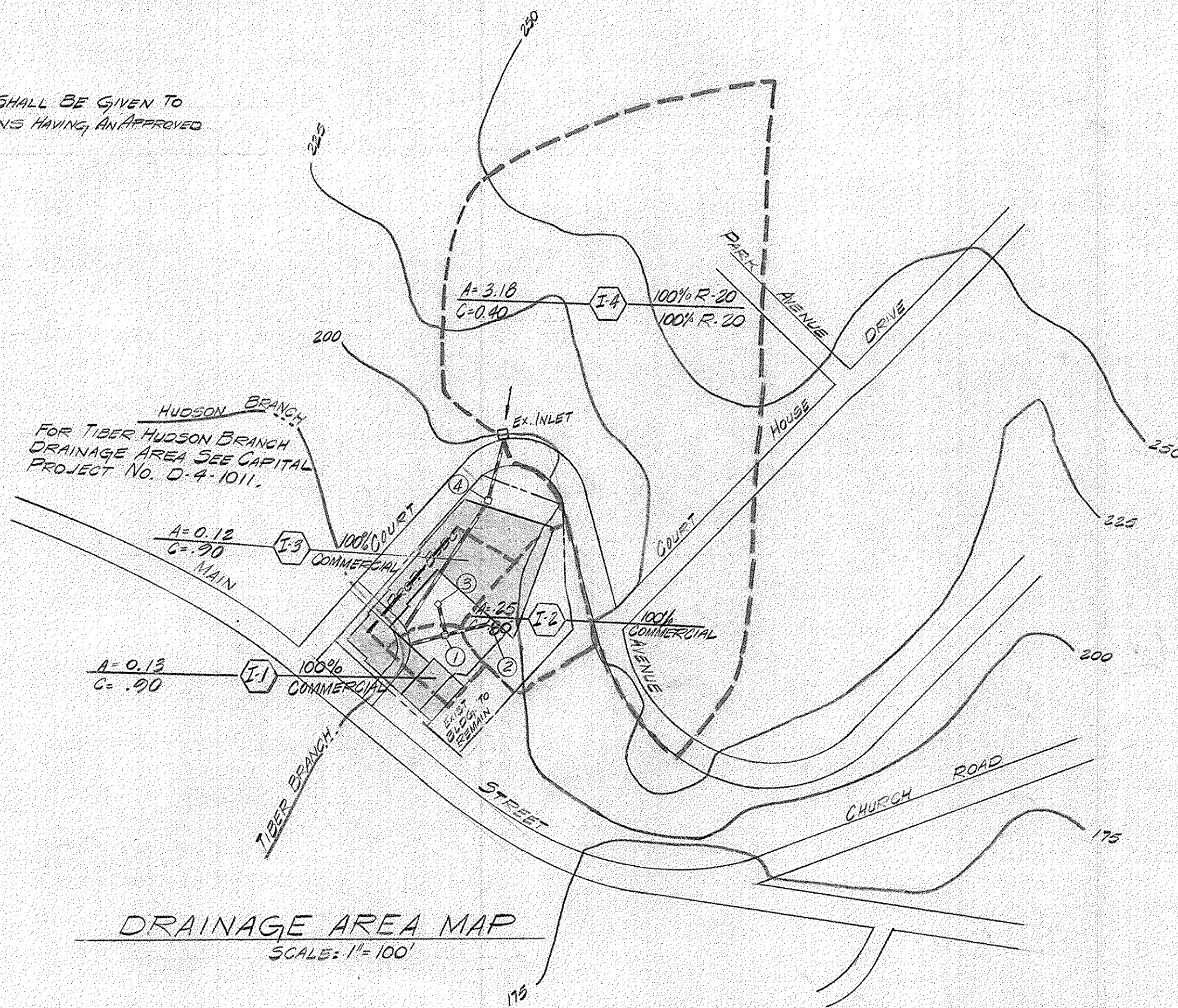
"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

SIGNATURE OF ENGINEER: *[Signature]* FE# 4843 DATE: 4-29-77

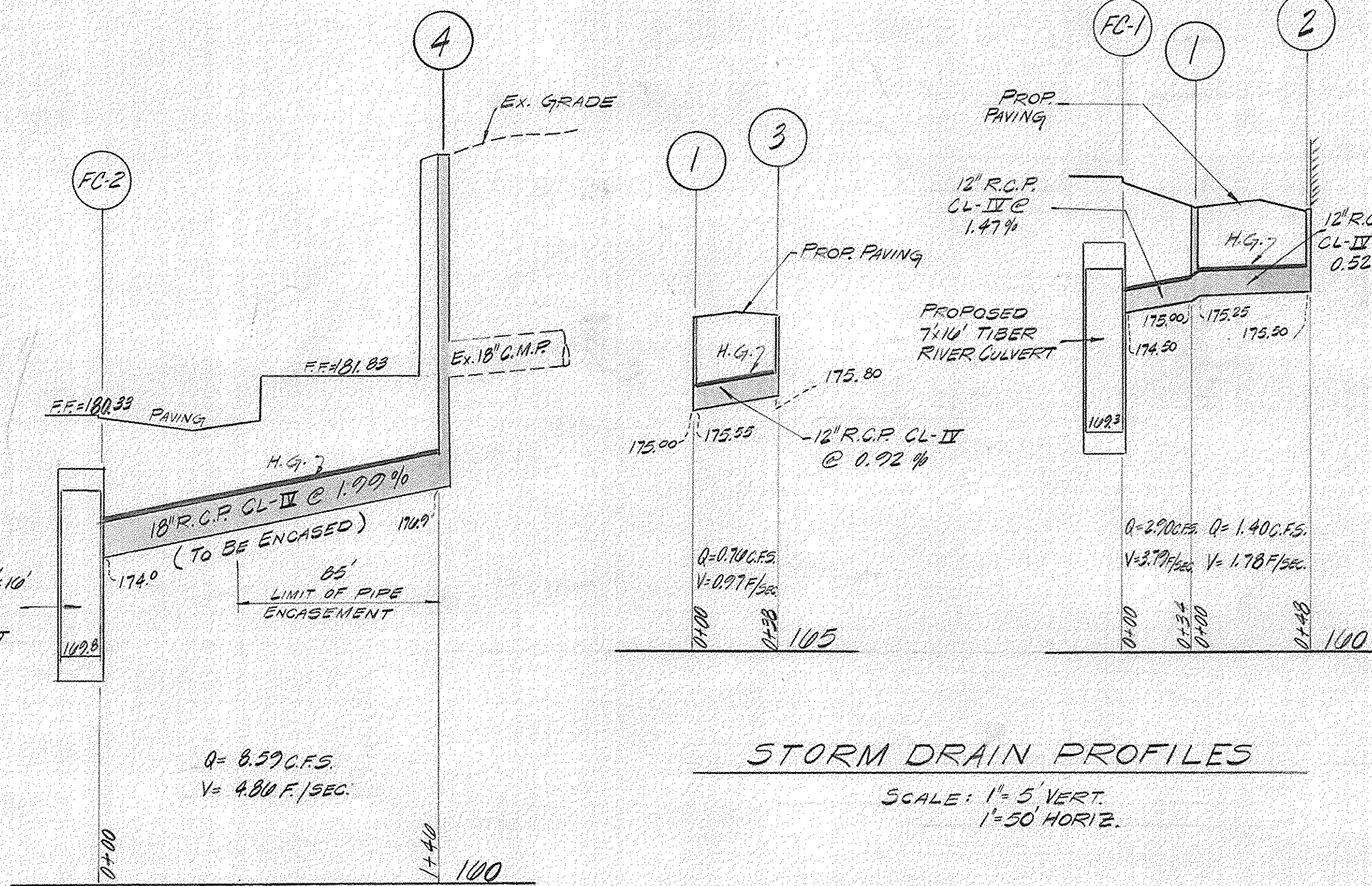
DEVELOPER'S CERTIFICATION

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT."

SIGNATURE OF DEVELOPER: *[Signature]* DATE: 5/2/77



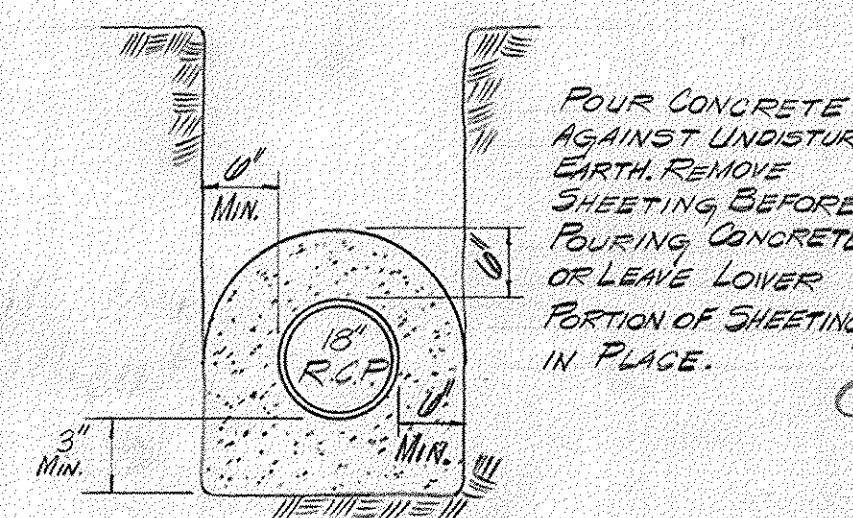
DRAINAGE AREA MAP
SCALE: 1" = 100'



STORM DRAIN PROFILES
SCALE: 1" = 5' VERT. 1" = 50' HORIZ.

| STRUCTURE SCHEDULE | | | |
|--------------------|------------------|-----------|-------------------------------|
| NO | TYPE | TOP ELEV. | REMARKS |
| 1 | 5" INLET | 179.20 | HOWARD CO. STD. D-98 PAGE 153 |
| 2 | 5" INLET | 178.83 | HOWARD CO. STD. D-98 PAGE 153 |
| 3 | 5" INLET | 172.10 | HOWARD CO. STD. D-98 PAGE 153 |
| 4 | MANHOLE | 179.50 | HOWARD CO. STD. D-103 |
| FC.1 | FIELD CONNECTION | | |
| FC.2 | FIELD CONNECTION | | |

| PIPE SCHEDULE | | |
|---------------|--------------|--------|
| SIZE | TYPE | LENGTH |
| 12" | R.C.P. CL-II | 120' |
| 18" | R.C.P. CL-II | 140' |



ENCASEMENT DETAIL
NO SCALE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS

SIGNATURE: *[Signature]* DATE: 9-8-77
U.S. SOIL CONSERVATION SERVICE

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

APPROVED: *[Signature]* DATE: 9-8-77
SIGNATURE: JOHN A. MAYER DATE: 9-8-77
HOWARD S.C.D.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
DATE: 9-22-77

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
DATE: 9-22-77

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
DATE: 9-21-77

SOIL EROSION AND SEDIMENT CONTROL

SITE DEVELOPMENT PLANS BLDG. ADDITIONS AND ALTERATIONS
TALBOTT LUMBER CO.
ELLICOTT CITY, MARYLAND
LIBER 628 FOLIO 683
ELECTION DISTRICT 2 TAX MAP NO. 25

MACRIS - FOWLER ASSOCIATES
CIVIL-STRUCTURAL ENGINEERS, SURVEYORS, PLANNERS
27 W. JEFFERSON ST. ROCKVILLE, MD 20850
(301) 340-8705 (301) 762-3858

DESIGNED DRAWN: J.C.G. B.A.C.
SCALE: AS SHOWN DATE: 11/77
JOB NO: 2-202
DRAWING NO: 40F3

APPROVED DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE: 7-27-77