



Worcester County Administration Office
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Addendum # 3 Coastal Resiliency and Living Shoreline Project

Date of Addendum: 9/13/22

NOTICE TO ALL BIDDERS AND PLANHOLDERS

The Bid Documents for the above-referenced Project are modified as set forth in this Addendum. The original Bid Documents and any previously issued addenda remain in full force and effect, except as modified by this Addendum, which is hereby made part of the Bid Documents. Vendors will take this Addendum into consideration when preparing and submitting a bid, and shall acknowledge receipt of this Addendum in the space provided in the Bid Documents.

BID SUBMITTAL DEADLINE

The bid submittal time has been changed from Monday, September 12, 2022 at 1:00pm to Monday, September 19, 2022 at 1:00pm. The last day for questions remains noon on Thursday, September 8, 2022.

1.0 – QUESTIONS AND ANSWERS	
The following questions and answers are provided as a matter of information to clarify issues raised about the Bid Documents.	
Item	Questions and Answers
1.1	Q. Turbidity curtain: Does this need to all be in place at once or can it be staged as needed? <i>A. The turbidity curtain does not need to be placed until needed. (i.e. when placing sand and/or if/when disturbance of land occurs due to construction). Turbidity Curtain should be utilized in accordance with MDE Standards & Specifications.</i>
1.2	Q. What is the expected timeline for the project? Will funding be available immediately? Is working in the winter anticipated? <i>A. It will take approximately two months from the time the contractor is selected, for approval of state funds. Because of the planting that is required, ideally the project should be staged so that planting can be done in the spring. Anticipated project timeline Fall 2022 – Fall 2024. Item #2 within Supplemental General Conditions. The contractor should provide an estimated timeline for construction with planting in the spring.</i>
1.3	Q. Can a copy of the soil borings be provided? <i>A. Contractor responsible for soil borings. Section 1-2 Items C & F. Section 1-4 Item I.</i>
1.4	Q. The two access points depicted in the plan seem unrealistically narrow/small. Can more matting be used than what is shown? <i>A. A larger area is OK as long as the contractor remains within the limits of disturbance. Any change/disturbance outside the LOD will require revisions to given approvals/permits.</i>
1.5	Q. Concerned about the cost of road repair, and how damage will be assessed. Can a price per square foot be provided by the County? Would it be possible to provide bid items for the repair of access roads for damage incurred by the heavy truck traffic?

	<i>A. Contractors can provide a proposed cost per square foot, or may use the county's approved estimate of \$8.96 per square foot in calculating the bond required. 125% of the repair cost estimate to pave the entry portion of Keyser Point Rd and all of Selsey Road is \$264,711.96. The bidder may submit a different bond cost estimate for review that will include the necessary road repairs they believe will be required to return the road to its original condition as a result of truck traffic under this contract.</i>
1.6	Q. Concerned about enough time between answers provided to questions and the deadline to bid. <i>A. Questions will be answered at least five (5) days prior to deadline.</i>
1.7	Q. Need an estimate from the county on volume of rock needed. Substrate is an unknown and rocks will sink once placed. Otherwise, can a unit price be offered in the bid? <i>A. This is the contractor's responsibility. Contractor should determine this based on-site condition prior to bid submittal. Contractor responsible for verification of substrate material. Rock volumes can be calculated utilizing the provided plans and details. Section 1-2 Items C & F.</i>
1.8	Q. Cobble/core stone shown on plan is not listed in bid specs. <i>A. Stone sizes and specifications are detailed within Division 2 "Stonework".</i>
1.9	Q. Who will inspect the project? <i>A. Worcester County will have authority to conduct inspections, as will MDE and ACOE. A list of required County inspections will be provided to the contractor when the permit is issued.</i>
1.10	Q. Explain how the contractor will receive payment. <i>A. This project is to be funded by a grant from the state of Maryland. Payment will be made to the contractor by Worcester County. The county then invoices MD DNR. No payment delays are anticipated.</i>
1.11	Q. How will parking be managed on the project side of Selsey Road. Parking by adjacent homeowners and others will be a potential hazard or may block access. <i>A. Once a contractor is chosen, an additional public meeting will be held. Side of road/parking closures may be required throughout the construction timeline.</i>
1.12	Q. Is a Home Improvement Contractor license required? <i>A. This requirement, noted under item 21 Permits and Licenses in the bid specifications, is eliminated.</i>
1.13	Q. Can the county provide a volumetric survey? <i>A. If referring to an updated bathymetric survey, that is the responsibility of the contractor to verify current site conditions. Section 1-2 Item F. Once a survey is completed approved adjustments can be made to the design as needed.</i>
1.14	Q. Can the CAD file produced by the project designer be provided? <i>A. Please use existing plans for bidding purposes.</i>
1.15	Q. Has there been a survey since 2019? <i>A. No.</i>
1.16	Q. Can additional cross sections be provided as conditions have changed? <i>A. It is the responsibility of the contractor to verify current site conditions. Section 1-2 Item F.</i>
1.17	Q. Elevation of breakwaters are not equal in the cross sections in the plan. <i>A. Each of the sills are labeled with their respective elevation. Within the cross sections of each particular area, the elevations are represented accurately.</i>
1.18	Q. The rocks placed at the cul-de-sac may be damaged during construction. The rocks are an obstacle for sand placement. <i>A. This area is not labeled as to be removed. Removal or relocation of the stone isn't part of this project.</i>
1.19	Q. Will adjacent homeowners/landowners receive communications regarding this project? <i>A. Yes. Meetings and communication have already occurred. There will be a meeting held with the community and the contractor, once the contractor is selected. The county will maintain communication with the community.</i>
1.20	Q. Is there a survey of the sewer lines under the road? <i>A. Please see attached plans that illustrate location and profiles of sewer main.</i>
1.21	Q. Concerned about storm damage to the project ("act of God") and the responsibility of the contractor to repair damage during construction.

	<i>A. There is a one-year warranty for plantings. The State has Adaptive Management funding that could be available if sand is washed away due to a design flaw.</i>
1.22	Q. We do not know in advance if available spoils can be used for this project because they have not been tested. This unknown could increase the cost of the project. <i>A. Testing is the responsibility of the contractor. If spoils that are donated are tested and found to be adequate the cost should be reduced by that amount.</i>
1.23	Q. Is the bid opening public? Also, can you ensure enough time between response to questions and bid submission deadline? <i>A. Yes. Sealed bids will be accepted until September 19. This date is being pushed back one week to allow adequate time between responses to questions and the submission deadline.</i>
1.24	Q. Can elevations be added to the shown grade lines for the sand, sills, and breakwaters? Especially the limits of the sand? Many grade lines are not annotated. <i>A. Adequate elevations and grading information have been provided on the plan and details.</i>
1.25	Q. Should contractors bid on the quantity of 8,490 CY of imported sand as referenced in the Department of the Army permit NAB-2020- 60802? <i>A. Contractor is responsible for evaluating current site conditions and verification of quantities.</i>
1.26	Q. Cross Section A-A shows Spartina Alterniflora directly in front of the rock sill. The legend and the plan view indicate that the plantings in front of the rock sill should be Spartina Patensspartina Patens. Which is correct, the plan view or the cross section? <i>A. It appears that the legend has the alterniflora and patens accidentally reversed. However, the cross sections and plan are consistent with each other and correctly illustrated. We will have the legend amended.</i>
1.27	Q. Cross Section B-B shows Patensspartina Patens plantings. The legend and the plan view indicate that these plantings should be Spartina Alterniflora. Which is correct, the plan view or the cross section? <i>A. It appears that the legend has the alterniflora and patens accidentally reversed. However, the cross sections and plan are consistent with each other and correctly illustrated. We will have the legend amended.</i>
1.28	Q. The construction schedule on page one of the plans totals 280 days. The work schedule in the spec's states work should be completed within 180 calendar days. Is the duration in the specs an error? Should it be 280 calendar days? <i>A. Work should be completed within 180 calendar days from the Notice to Proceed date.</i>
1.29	Q. The Department of the Army permit NAB-2020- 60802 refers to installing a steel pipe at the tidal inlet. This is not shown on the plans. Do contractors need to include this work in their proposal? <i>A. The contractor shall follow the requirements and restrictions of all of the permits issued for the proposed construction. Division 1 – Section 1-5 "Permits".</i>
1.30	Q. The permit indicates we must use clean substrate fill material. Does this limit contractors from using dredged sand from other ongoing projects nearby? <i>A. The contractor can obtain suitable material from whatever source they prefer provided it meets all of the necessary specifications.</i>

2.0 – ATTACHMENTS	
Item	Description
2.1	REVISED Construction Bid Form *This is to be used in lieu of the Construction Bid Form that was provided in the original Bid Documents.
2.2	Two files have been attached that illustrate location and profiles of sewer main.

3.0 – CLARIFICATIONS	
The following clarifications are provided as a matter of information to clarify issues raised about the Bid Documents.	
Item	Description
3.1	A unit price per square foot has been added to the REVISED Construction Bid Form. Damage will be assessed by doing a video drive through of the roads before the project begins and periodic checks as the

	project gets underway. Once the project is complete, a final drive thru will be done to assess the conditions of the roadways.
3.2	A unit price per cubic yard has been added for the spoils that have been donated to the county for this project. If these spoils pass testing and can be used for the project this amount will be deducted from the contract amount.

END OF ADDENDUM

REVISED CONSTRUCTION BID FORM

Date: 7/25/2022

Project No: CRP-1-17

To Whom It May Concern:

We hereby submit our proposal for the following:

PROPOSED Coastal Resiliency and LIVING SHORELINE PROJECT at Selsey Road for
Worcester County, on Isle of Wight Bay
Worcester County, Maryland, involving the construction of approximately 70
linear feet (L.F.) of segmented stone breakwater, with clean sand fill, marsh grass plantings,
tree removal, bank grading, native trees and shrubs planting, debris removal and restoration of
all graded and disturbed areas.

Having carefully examined the "Instructions to Bidders", the "General Conditions", the "Supplemental
General Conditions" and the Project Drawings and Specifications for the subject construction project:

Drawings Numbered: CRP 1-17 , Sheets 1 of 4 through 4 of 4 Dated: 7/25/2022

Addenda Numbered: _____

Amendment to Invitation to Bid: _____

and having received clarifications on all items of conflict upon which doubt may arise, the undersigned
proposes to furnish all labor, materials, and equipment called for by the said documents for the entire
work, in strict accordance with the Contract Documents, for the stipulated sum of:

BASE BID: _____

_____ Dollars (\$ _____)
(Words) (Numbers)

**The Base Bid shall be the controlling figure in determining the value of the Contract and the
lowest Base Bid, if accepted, shall be the basis for the Award of the Contract.**

NOTE: The prices shall be written in both words and numbers. Failure to properly and
completely fill in all blanks may be cause for rejection of this bid. The Property Owner(s)
reserves the right to accept or reject any or all bids and to waive any irregularities.

(Sign for Identification)

The **BASE BID** is divided as follows:

BID ITEM 1. Stone Breakwater and sills (totaling approximately _____ L.F.:(see Wetlands License No. 20-0497 for approximate amounts)

_____ Dollars (\$) _____)
(Words) (Numbers)

BID ITEM 2. Clean Sand Fill:

_____ Dollars (\$) _____)
(Words) (Numbers)

BID ITEM 3. Marsh Grass Planting:

_____ Dollars (\$) _____)
(Words) (Numbers)

BID ITEM 4. Debris Removal:

_____ Dollars (\$) _____)
(Words) (Numbers)

BID ITEM 5. Bank Grading and Restoration of All Graded and Disturbed Areas:

_____ Dollars (\$) _____)
(Words) (Numbers)

SCHEDULE OF UNIT PRICES:

The following unit prices, if accepted in the Award of Contract, shall be applied in computing the value of changes, additions, deletions, and substitutions, which may be made in the work following the Award of Contract. Each unit price shall include all work, materials and incidentals necessary to complete the items in accordance with the Project Drawings and Specifications.

NOTE: Prices shall be written in both words and numbers. The schedule of unit prices for all materials and items of work shall be estimated in accordance with the Project Drawings.

1. 600 -lb. to 1,600 -lb. Armor Stone, as shown on the Project Drawings and as specified:

_____ Dollars (\$) _____) per Ton
(Words) (Numbers)

2. Woven Plastic Filter Fabric, as shown on the Project Drawings and as specified:

_____ Dollars (\$) _____) per S.F.
(Words) (Numbers)

(Sign for Identification)

3. Clean Sand Fill, as shown on the Project Drawings and as specified:

_____ Dollars (\$ _____) per C.Y.
(Words) (Numbers)

4. If free spoils are approved for use:(this amount will be deducted from the lump sum amount)

_____ Dollars (\$ _____) per C.Y.
(Words) (Numbers)

5. Smooth Cordgrass (*Spartina alterniflora*), as shown on the Project Drawings and as specified:

_____ Dollars (\$ _____) per Plug
(Words) (Numbers)

6. Saltmeadow Hay (*Spartina patens*), as shown on the Project Drawings and as specified:

_____ Dollars (\$ _____) per Plug
(Words) (Numbers)

7. Reinforced Silt Fence, as detailed on the Project Drawings:

_____ Dollars (\$ _____) per L.F.
(Words) (Numbers)

8. Turbidity Curtain, as shown on the Project Drawings:

_____ Dollars (\$ _____) per L.F.
(Words) (Numbers)

9. Stabilized Stone Construction Entrance, as detailed on the Project Drawings (if required):

_____ Dollars (\$ _____) per Each
(Words) (Numbers)

10. Goose Exclusion Fence, if required:

_____ Dollars (\$ _____) per L.F.
(Words) (Numbers)

11. Topsoil, as specified:

_____ Dollars (\$ _____) per C.Y.
(Words) (Numbers)

12. _____ (_____) as shown on the Project Drawings:

_____ Dollars (\$ _____) per Each
(Words) (Numbers)

(Sign for Identification)

13. _____ (_____) as shown on the Project Drawings:
_____ Dollars (\$ _____) per Each
(Words) (Numbers)

14. _____ (_____) as shown on the Project Drawings:
_____ Dollars (\$ _____) per Each
(Words) (Numbers)

15. Restoration of All Graded and Disturbed Areas, as specified (seeding operation only):
_____ Dollars (\$ _____) per S.F.
(Words) (Numbers)

16. Road repair, per square foot
_____ Dollars (\$ _____) per S.F.
(Words) (Numbers)

It is understood that the bid price will be firm for a time period of ninety (90) calendar days from the bid opening date and that if the undersigned is notified of the acceptance of this proposal within this time period, they agree to execute a contract for the above stated compensation and supply all required documents within ten (10) calendar days of notification, and to guarantee the completion of this work in **365** calendar days (not to extend beyond 180 calendar days) thereafter.

_____ Date Issued
Construction Firm License Number

Place of Issuance

Federal Employer Identification Number: _____

or if not an employer, Social Security Number: _____

(Sign for Identification)

INDIVIDUAL PRINCIPAL

FIRM NAME: _____
SIGNED: _____
In Presence of Witness: ADDRESS: _____
TELEPHONE: _____

CO-PARTNERSHIP PRINCIPAL

FIRM NAME: _____
ADDRESS: _____
TELEPHONE: _____
In Presence of Witness:

_____ as to BY _____
PARTNER

_____ as to BY _____
PARTNER

_____ as to BY _____
PARTNER

CORPORATE PRINCIPAL

NAME OF CORPORATION: _____
ADDRESS: _____
Attest: TELEPHONE: _____

_____ BY _____
CORPORATE SECRETARY PRESIDENT
(AFFIX CORPORATE SEAL)

ALL BIDDERS:

The Bidder represents, and it is condition precedent to acceptance of this bid, that the bidder has not been a party to any agreement to bid a fixed or uniform price.

WITNESS:

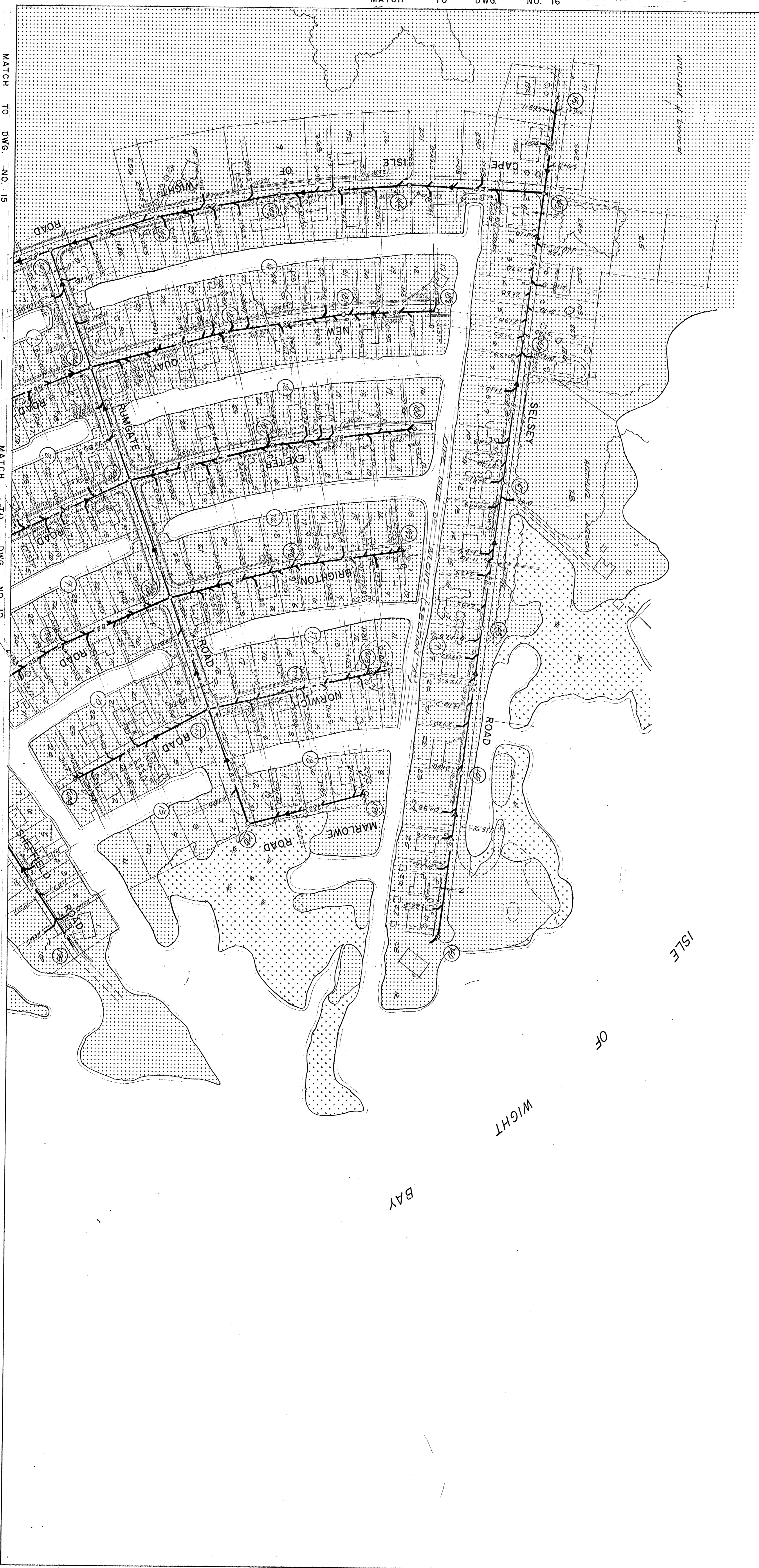
_____ (SEAL)
SIGNATURE OF OFFICER AND TITLE

NOTARY PUBLIC

SUBSCRIBED AND SWORN TO before me, a Notary Public of the State of _____, county of _____, City of _____, this day of _____, 20____.

My commission expires: _____
NOTARY PUBLIC

MATCH TO DWG. NO. 16



NOTE: 1. For more detailed information on types and details shown, refer to books kept binder in the office of K&S.

2. All sewer line dimensions are from centerline of embankment.

RECORD DRAWING

BASED ON INFORMATION SUPPLIED BY GENERAL CONTRACTOR SEPTEMBER 17, 1984

24-HOUR NOTE

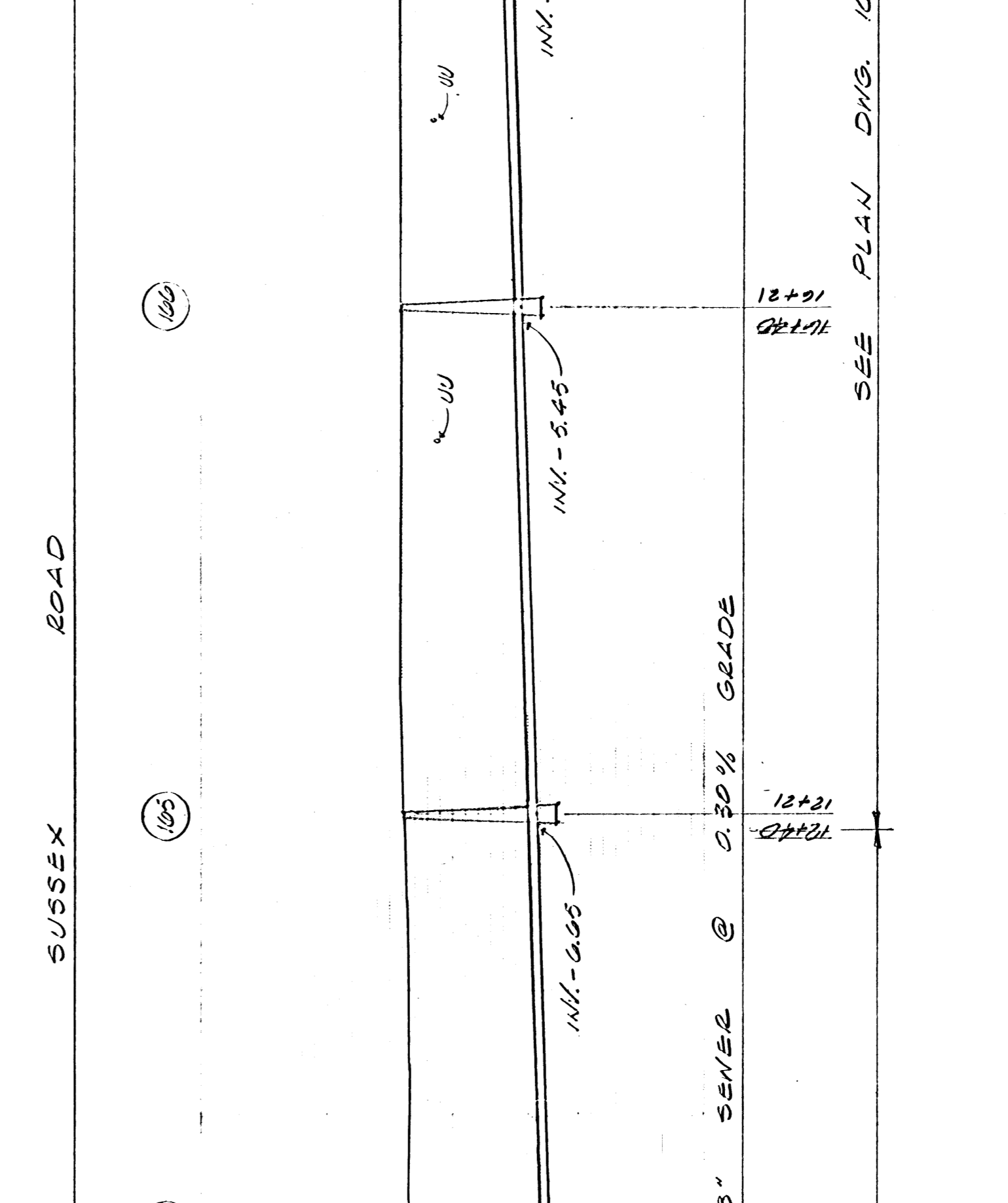
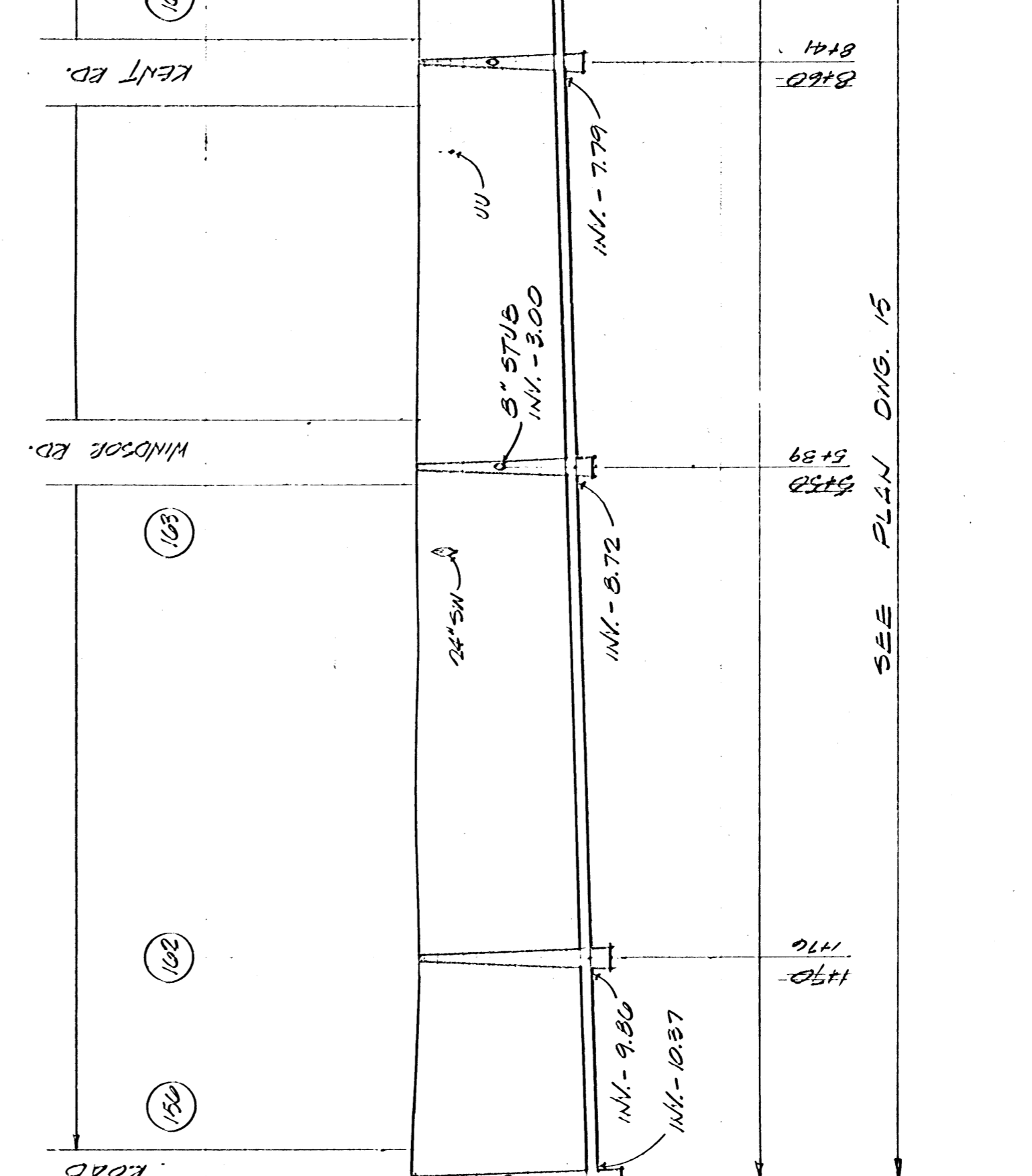
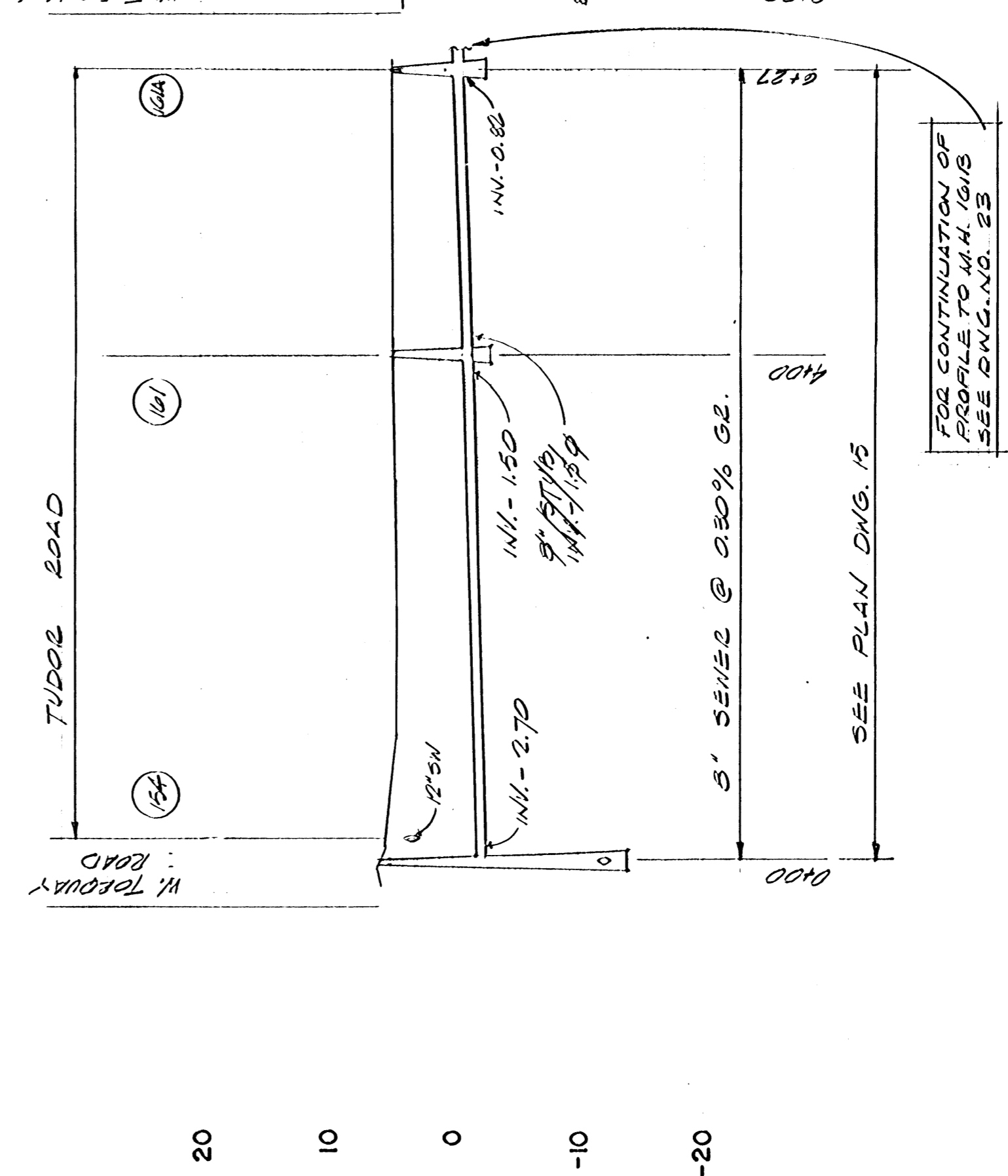
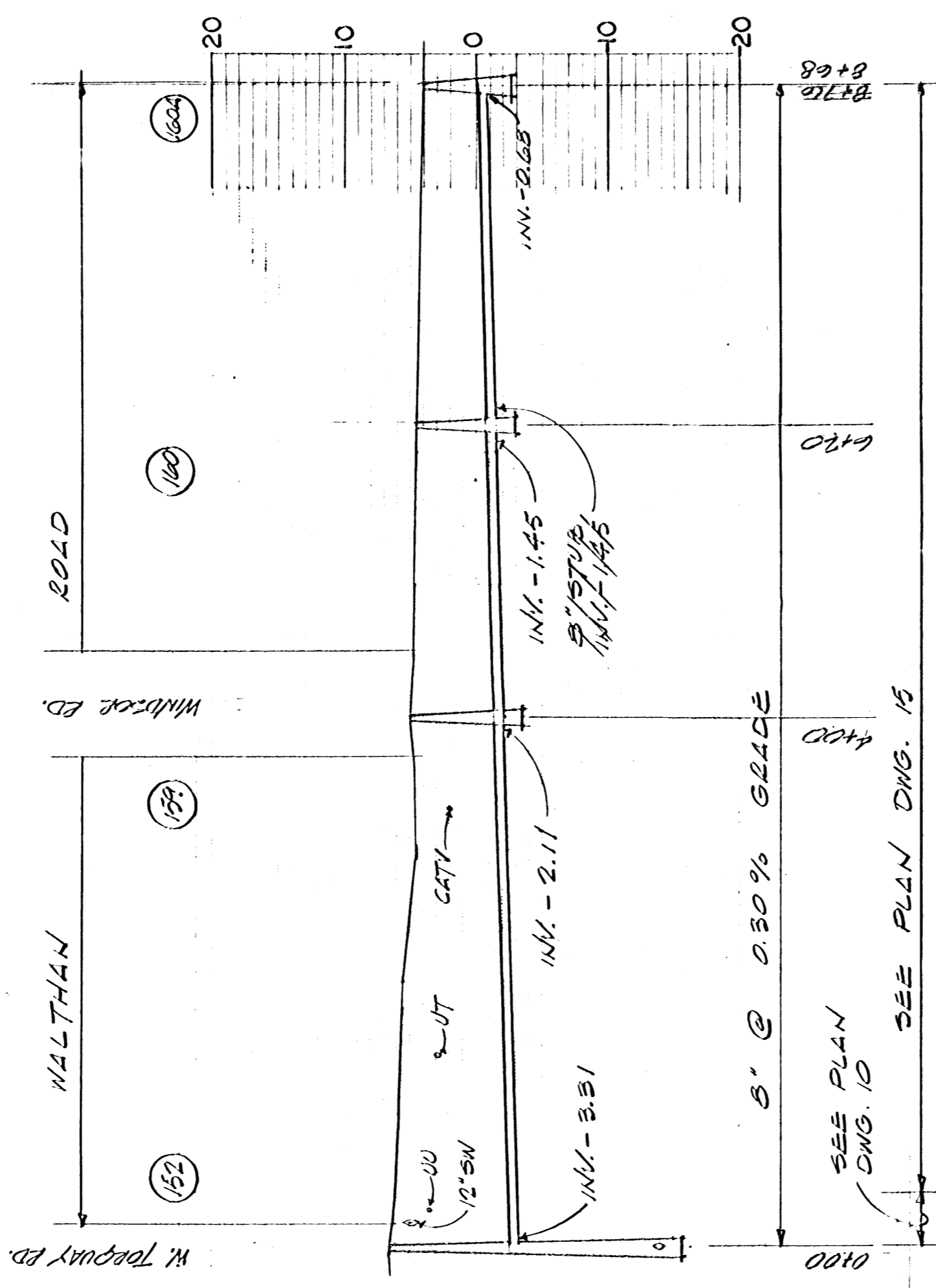
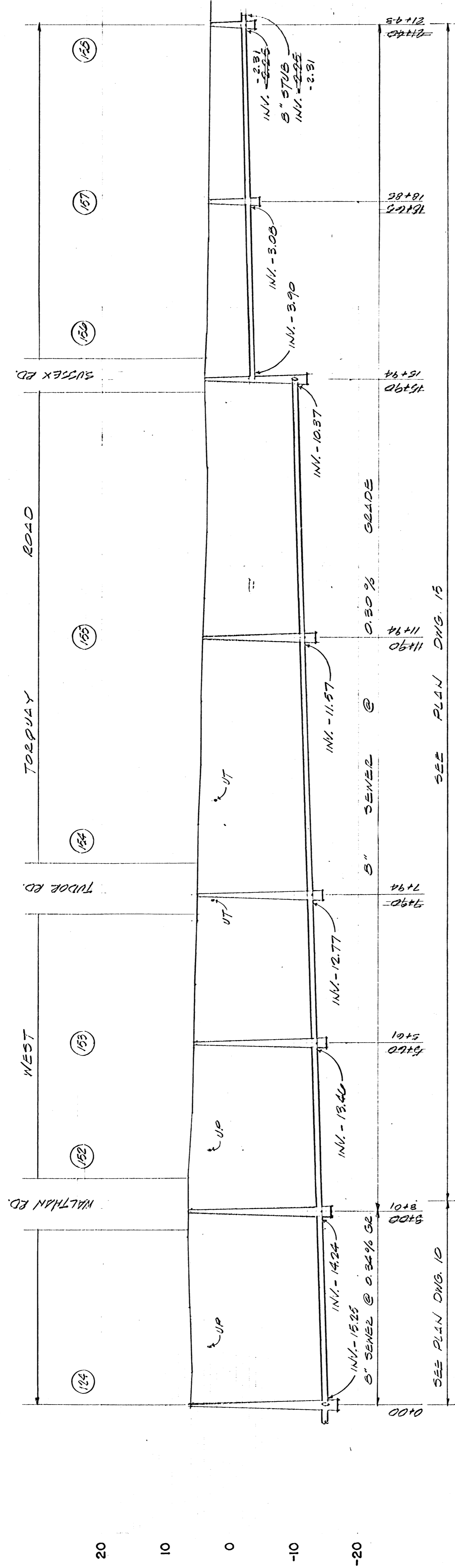
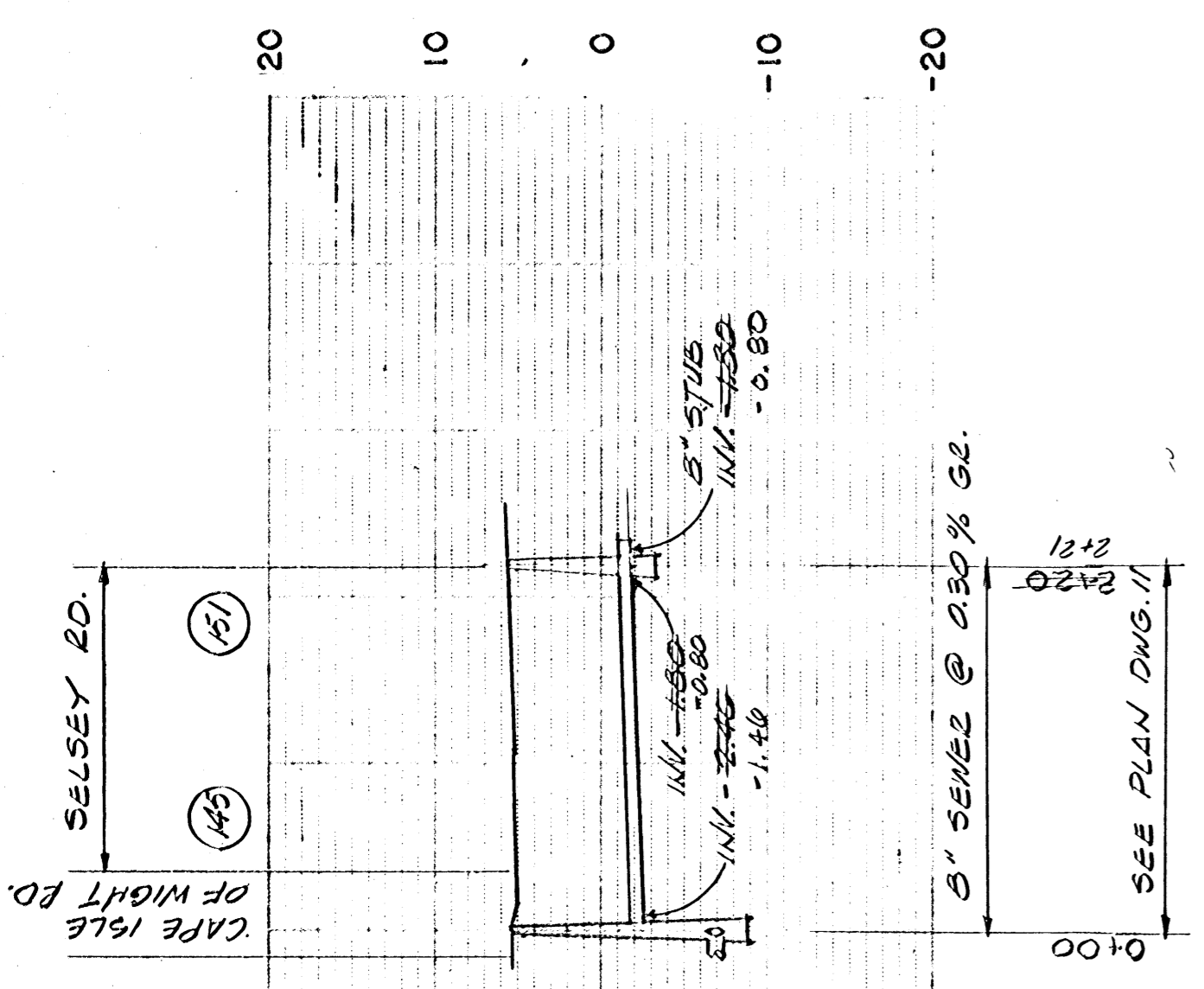
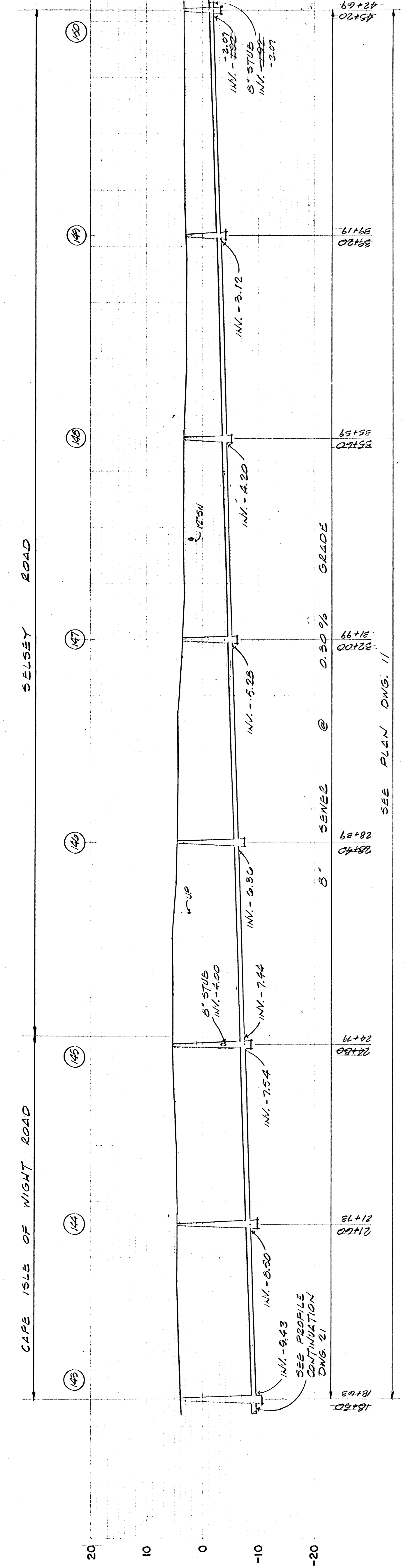
George Miles & Buhr disclaims any liability related to the design of the sewer line collection system shown on this drawing related to the extent of the information provided to the engineer. Some of the information has been obtained subsequent to June, 1977.

PROFILE INDEX

NAME OF ROAD	DWG. NO.
CAPE ROAD	21
SELSEY ROAD	22
WIGHT BAY	23
NEW CLAY ROAD	23
EXETER ROAD	23
NORWICH ROAD	23
MARLOWE ROAD	23
QUAY ROAD	23
NEW ROAD	23
SECRETARIAT ROAD	24
SECRETARIAT ROAD	24



NO.	REVISIONS	DATE	BY	
<p>SCALE: 1"=100'</p> <p>DESIGN BY: WBM</p> <p>DRAWN BY: R.L.N.</p> <p>CHECKED BY: WBM</p> <p>JOB NO.: 83081-A</p> <p>ISSUE DATE: APRIL, 1984</p>				
<p>George Miles & Buhr ARCHITECTS - ENGINEERS - PLANNERS SALISBURY - MARYLAND</p>				
<p>WORCESTER COUNTY SANITARY DISTRICT OWNER: COURT HOUSE ANNEX SNOW HILL, MD.</p>		<p>DISTRICT: WEST OCEAN CITY PROJECT TITLE: WASTEWATER COLLECTION SYSTEM</p>		<p>DRAWING TITLE: PLAN</p>
<p>DATE: 3/29/84</p>		<p>APPROVED BY: </p>		<p>CONTRACT NO.: 83081-A</p> <p>DWG. NO.: 11 OF 35</p>



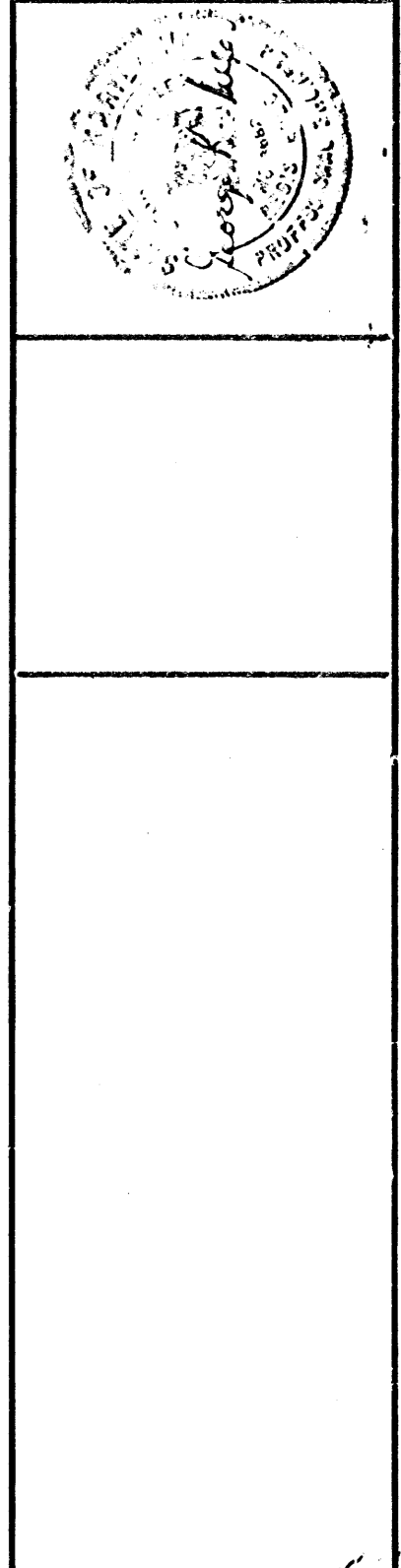
RECORD DRAWING

BASED ON INFORMATION SUPPLIED BY GENERAL CONTRACTOR SEPTEMBER 12, 1984.

SCALE
HORIZ. = 1" = 100'
VERT. = 1" = 10'

NO.	REVISIONS	DATE	BY

SCALE	AS NOTED
DESIGN BY	WSM
DRAWN BY	RLN
CHECKED BY	WSM
JOB NO.	83081-A
DATE	APRIL, 1984



George, Miles & Buhr
ARCHITECTS-ENGINEERS-PLANNERS
SALISBURY, MARYLAND

APPROVED BY: *[Signature]*
DATE: 3/24/84

Worcester County Sanitary District
Court House Annex
Snow Hill, MD.
OWNER: Snow Hill, MD.
PROJECT TITLE: WEST OCEAN CITY WASTEWATER COLLECTION SYSTEM
DISTRICT: WORCESTER COUNTY, MARYLAND

CONTRACT NO.: 83081-A
DWS. NO. 22 OF 35