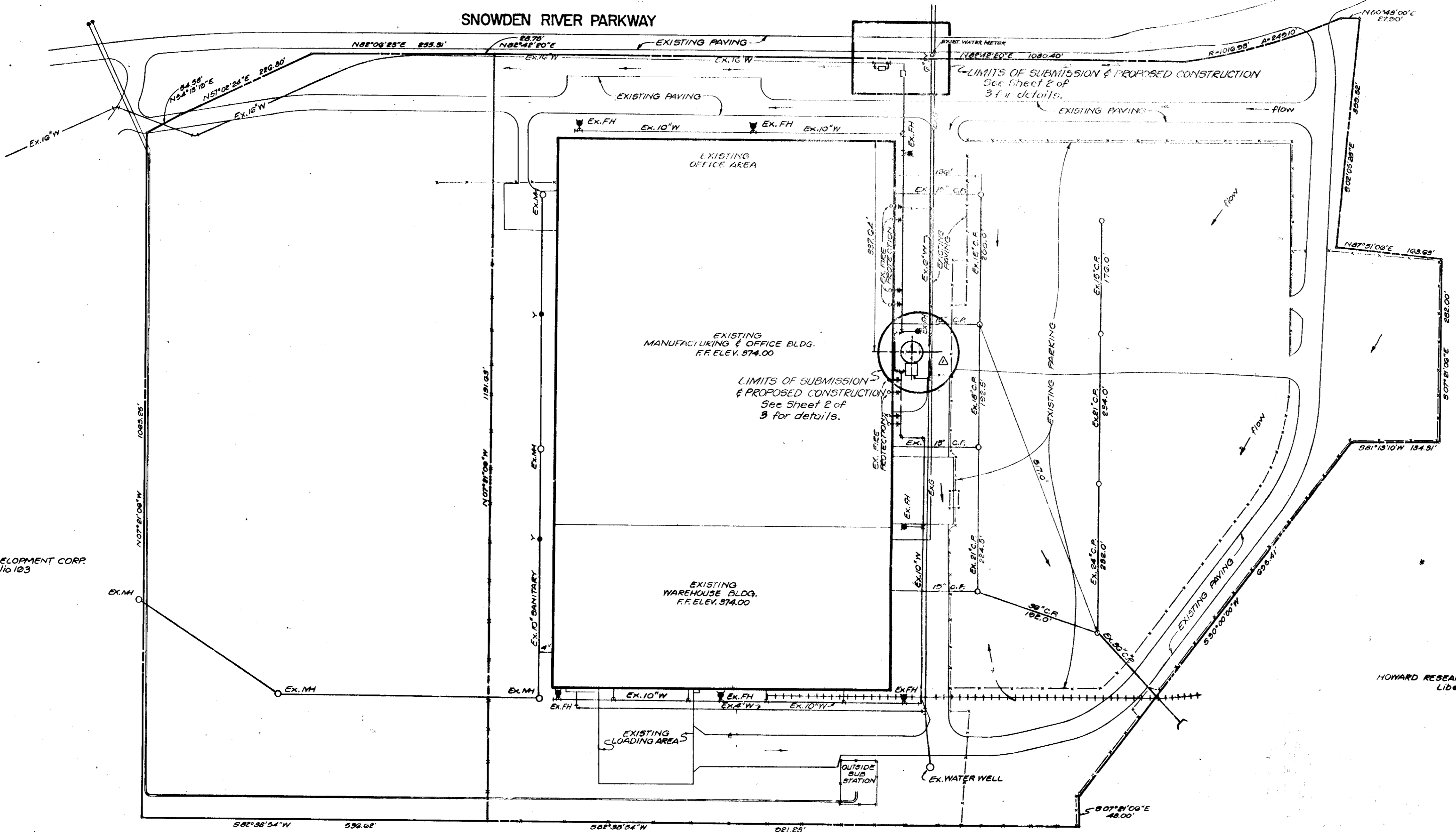


VICINITY MAP  
Scale: 1" = 200'



NIF  
HOWARD RESEARCH DEVELOPMENT CORP.  
Liber 463 Folio 183

NIF  
HOWARD RESEARCH DEVELOPMENT CORP.  
Liber 543 Folio 791

NIF  
HOWARD RESEARCH DEVELOPMENT CORP.  
Liber 463 Folio 196

- GENERAL NOTES**
- ALL WATER MAINS TO BE C.I.P., P.I.P., OR A.C.P. UNLESS OTHERWISE NOTED.
  - TOP OF ALL WATER MAINS TO HAVE A MINIMUM OF 3/4" COVER UNLESS OTHERWISE NOTED.
  - ALL VALVES SHALL BE STEPPED TO 7EES.
  - BLOCK ALL FITTINGS WITH CONCRETE.
  - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STANDARD SPECIFICATIONS.
  - APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTION TO PROTECT THESE UTILITIES. ANY DAMAGE INCURRED DUE TO CONTRACTOR OPERATIONS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
  - CONTRACTOR TO NOTIFY THE HOWARD SOIL CONSERVATION DISTRICT AT LEAST 5 DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS.

- SITE ANALYSIS (PLANNING)**
- |                        |                              |
|------------------------|------------------------------|
| 1. AREA                | 1.0' Ac. ±                   |
| 2. ZONING              | EMPLOYMENT CENTER INDUSTRIAL |
| 3. NUMBER OF EMPLOYEES | UNCHANGED                    |
| 4. FLOOD SPACE         | UNCHANGED                    |
| 5. SUBDIVISION PLAT    | PLAT BOOK 21, FOLIO 92       |
| 6. F.D.P.              | PLAT BOOK 11, FOLIO 64       |
| 7. PARKING REQUIREMENT | UNCHANGED                    |

**APPROVED**  
PLANNING BOARD  
OF HOWARD COUNTY

DATE: 4-28-76  
*Thomas J. Harigle*

NOTE:  
Add standpipes, pump house and backflow preventer to SITE DEVELOPMENT PLAN dated May 9, 1968.

**CERTIFICATION BY THE DEVELOPER:**

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

*[Signature]* 3/25/76  
SIGNATURE OF DEVELOPER DATE

**CERTIFICATION 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."

*[Signature]* 3/25/76  
SIGNATURE DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

*[Signature]* 5/7/76  
SIGNATURE DATE  
U.S. SOIL CONSERVATION SERVICE

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

*[Signature]* 5/7/76  
APPROVED: HOWARD S.C.D. DATE

DATE	REVISION	NO.

*[Signature]* 5-11-76  
*[Signature]* 5/11/76  
CHIEF BUREAU OF HIGHWAYS DATE

APPROVED BY HOWARD COUNTY OFFICE OF PLANNING

*[Signature]* 5-17-76  
PLANNING DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

*[Signature]* 5/13/76  
COUNTY HEALTH OFFICER DATE

**stottler stagg & associates**  
affiliate  
**brevard engineering company**  
architects engineers planners

**columbia office**  
teachers building  
columbia, maryland  
(301) 730-1100

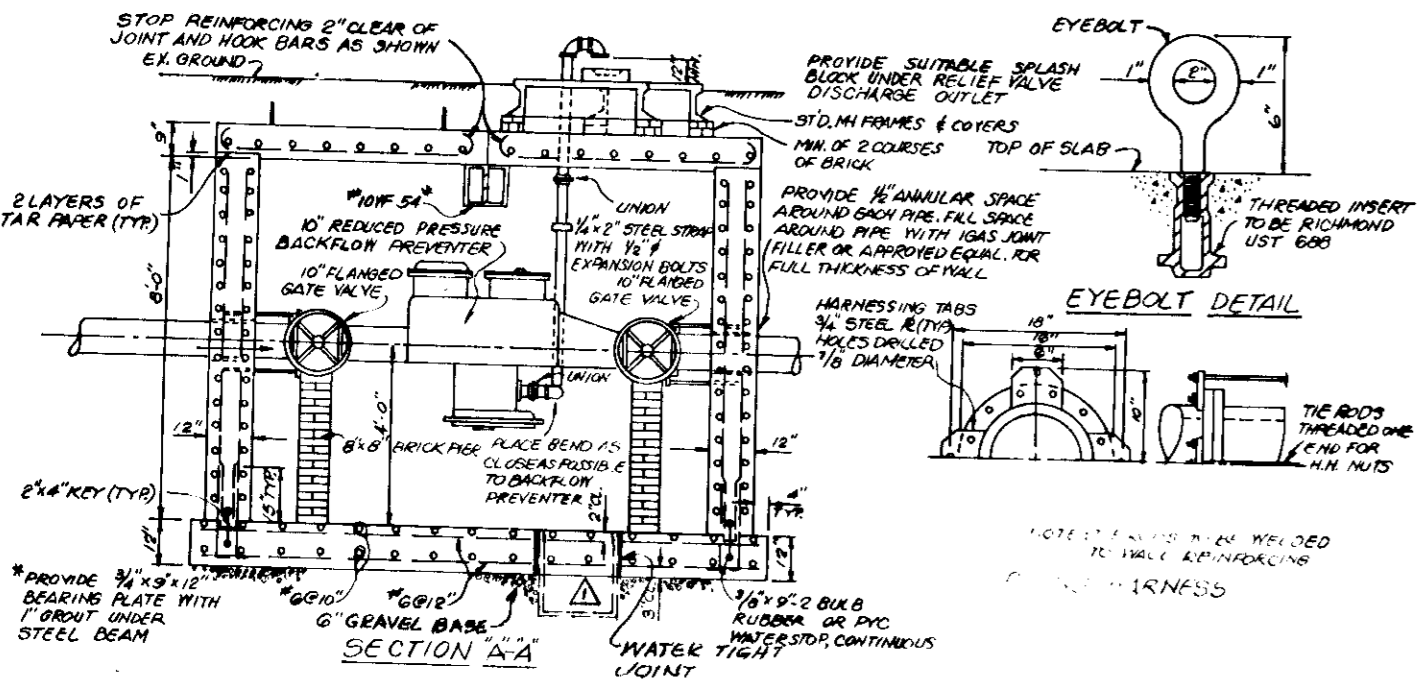
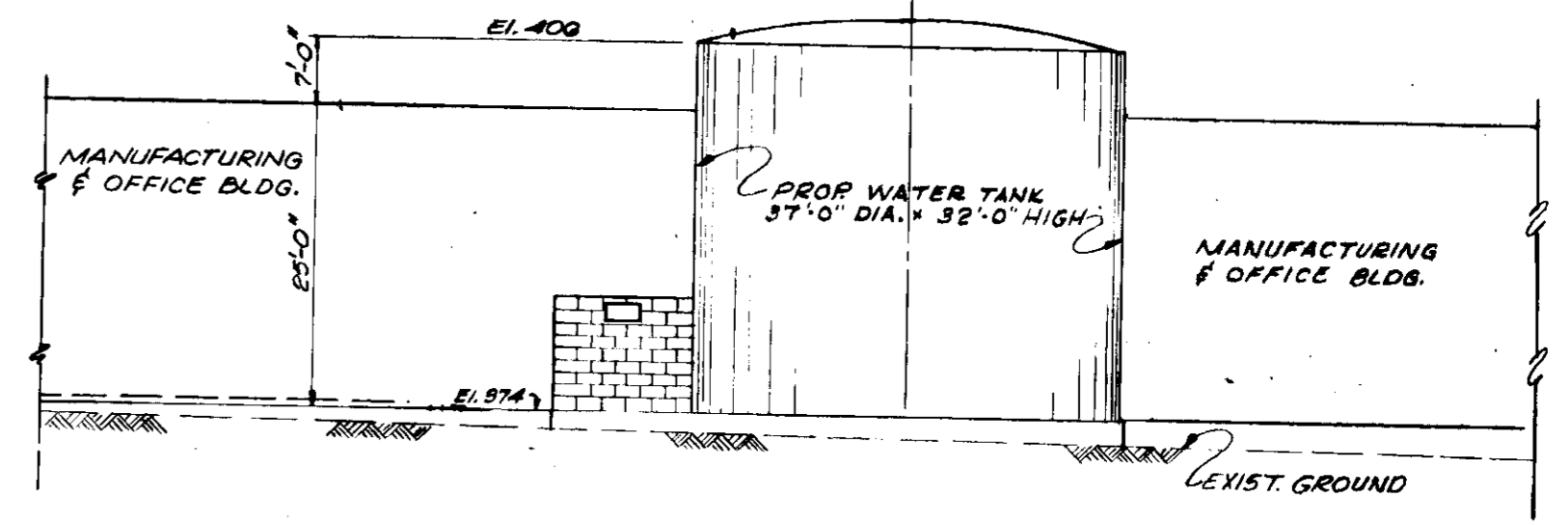
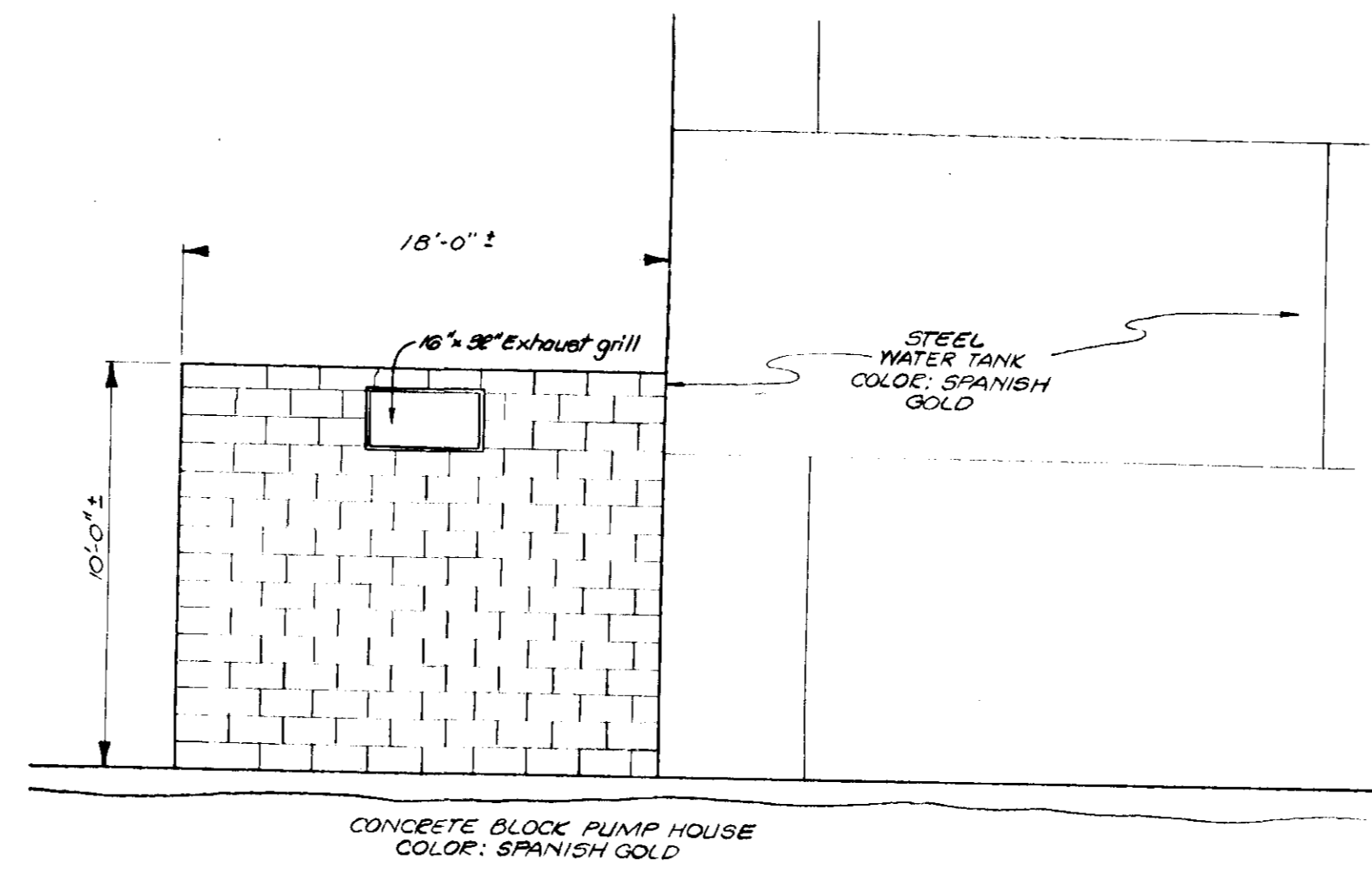
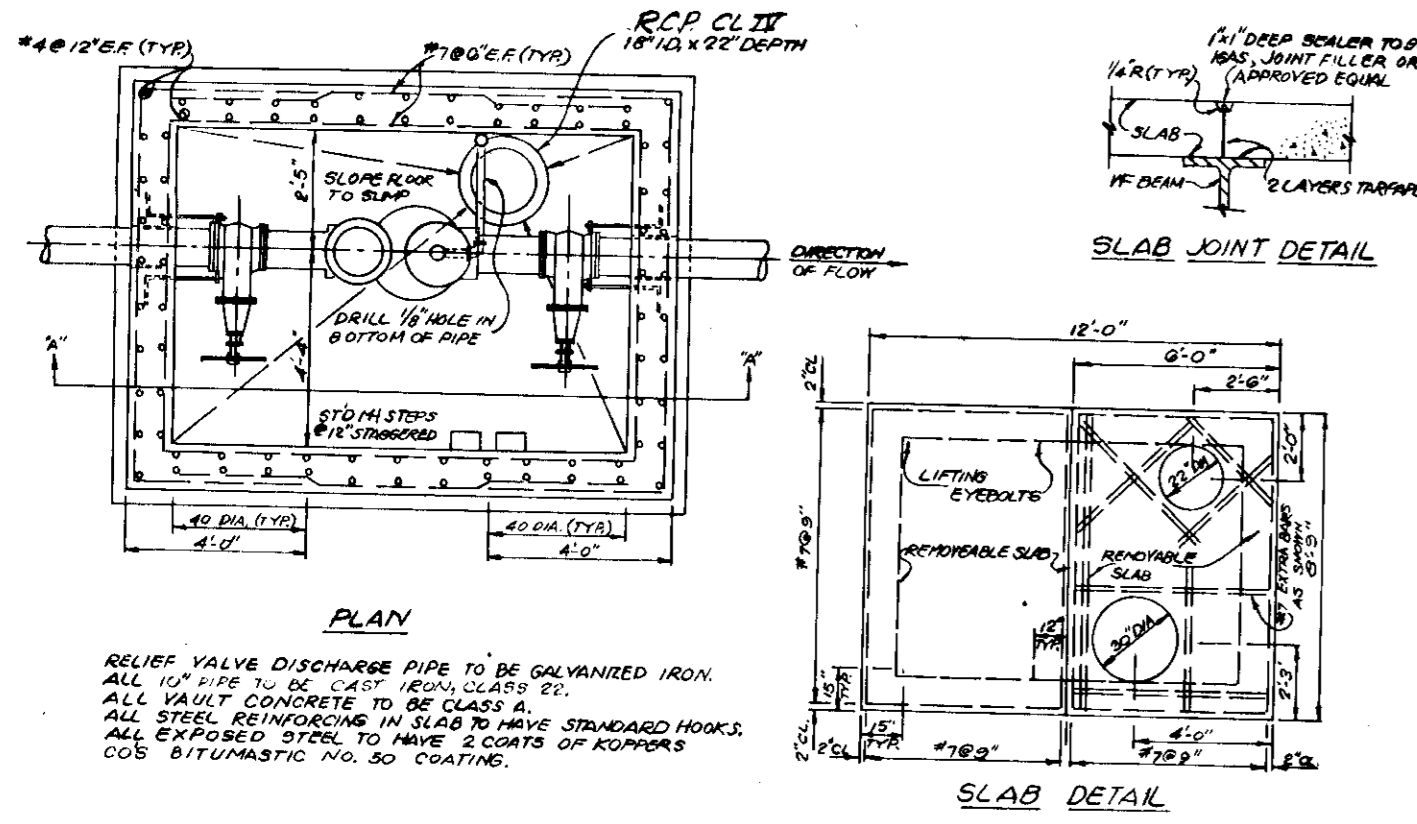
**COLUMBIA**  
E.G.U. SUBDIVISION  
SECTION 1, AREA 1, TAX MAP 42  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

**ROPER EASTERN**  
9325 SNOWDEN RIVER PARKWAY  
COLUMBIA, MARYLAND 21046  
Phone: 301-730-8800

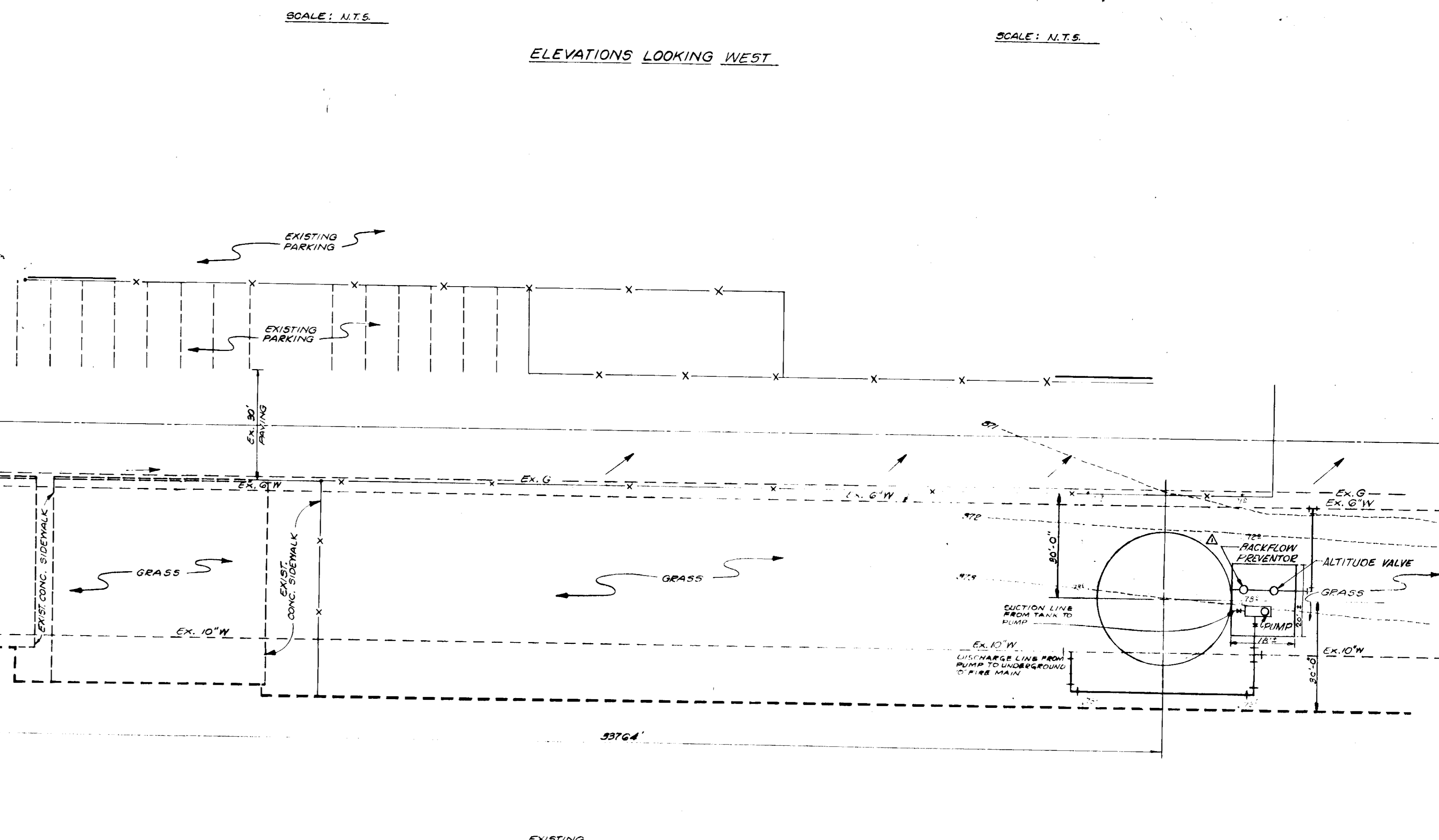
**ROPER EASTERN**  
9325 SNOWDEN RIVER PARKWAY  
COLUMBIA, MARYLAND 21046  
Phone: 301-730-8800

REVISION TO APPROVED SITE DEVELOPMENT PLAN 76-25C  
**ONSITE FIRE PROTECTION WATER STORAGE TANK**  
**ROPER EASTERN**

PWG NO. SHI. 1 OF 3  
JOB NO. 75043  
SCALE 1" = 160'  
DATE MARCH 26, 1976



10" REDUCED PRESSURE BACKFLOW PREVENTER AND VAULT  
N.T.S.



EXISTING MANUFACTURING & OFFICE BLDG. F.F. ELEV. 374.00

LEGEND  
ALL EXISTING LINES  
ALL PROPOSED LINES

APPROVED  
PLANNING BOARD  
OF HOWARD COUNTY

DATE 4-28-76  
*Thomas J. Harris*

CERTIFICATION BY THE DEVELOPER:

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

*John P. Aron*  
SIGNATURE OF DEVELOPER  
3/25/76  
DATE

CERTIFICATION 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."

*Barry P. Orshaker*  
SIGNATURE  
3/25/76  
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

*Eric V. Herman*  
SIGNATURE  
U.S. SOIL CONSERVATION SERVICE  
5/7/76  
DATE

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

APPROVED *Robert J. Helm*  
HOWARD S.C.D.  
5/7/76  
DATE

DATE	REVISION	NO.
5/11/76	ADD CONCRETE CURB TO BACKFLOW PREVENTER VAULT. REVISE PUMP HOUSE DIMENSIONS. RELOCATE WATER STORAGE TANK & PUMP HOUSE.	1

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*John Ragan Jr.*  
DIRECTOR  
5-11-76  
DATE  
*Frankville P. Neeland*  
CHIEF BUREAU OF HIGHWAYS  
5/11/76  
DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*Thomas J. Harris*  
PLANNING DIRECTOR  
5-17-76  
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
*Shirley J. Deza, M.D.*  
COUNTY HEALTH OFFICER  
5/13/76  
DATE

**stottler stagg & associates**  
affiliate  
**brevard engineering company**  
architects engineers planners

**columbia office**  
teachers building  
columbia, maryland  
(301) 730-1100 21044

*Barry P. Orshaker*

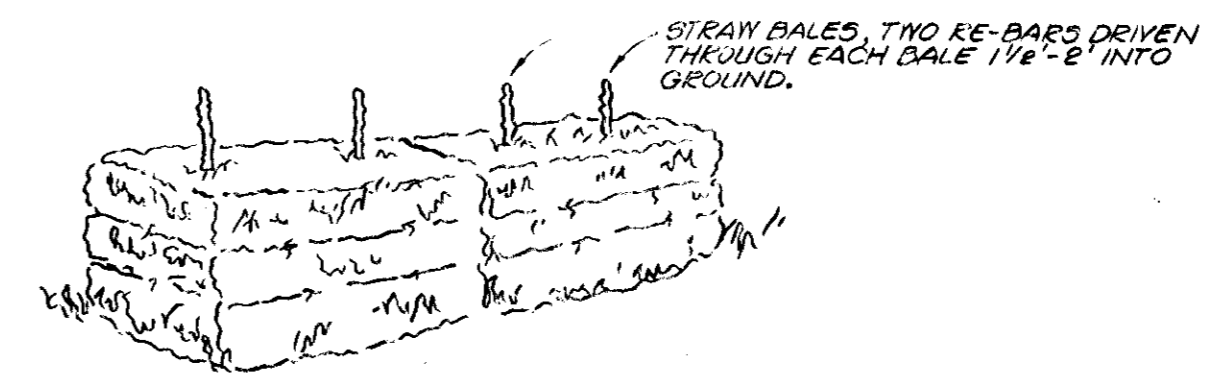
**COLUMBIA**  
E.G.U. SUBDIVISION  
SECTION 1, AREA 1, TAX MAP 42  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

OWNER  
**ROPER EASTERN**  
9325 SNOWDEN RIVER PARKWAY  
COLUMBIA, MARYLAND 21046  
Phone: 301-730-8800

DEVELOPER  
**ROPER EASTERN**  
9325 SNOWDEN RIVER PARKWAY  
COLUMBIA, MARYLAND 21046  
Phone: 301-730-8800

**REVISED SITE DEVELOPMENT PLAN  
ONSITE FIRE PROTECTION  
WATER STORAGE TANK  
ROPER EASTERN**

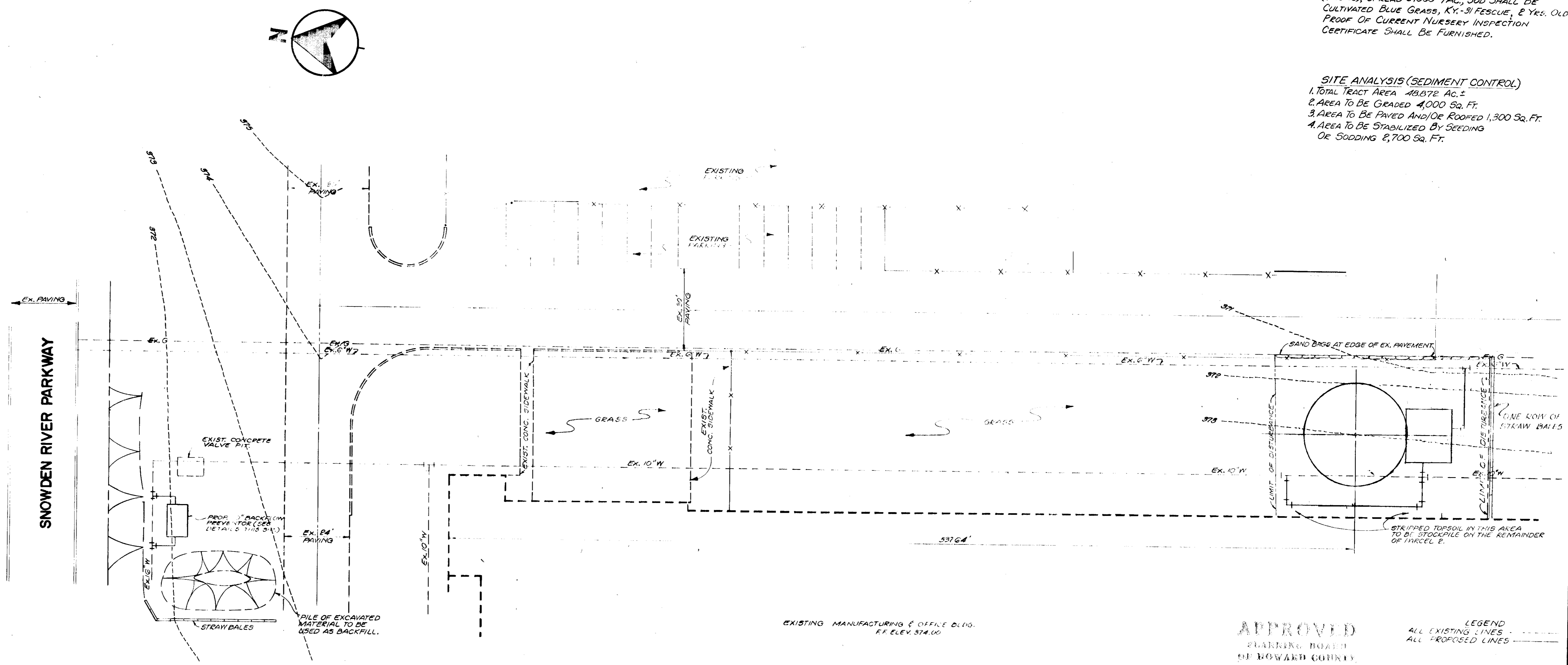
DWG. NO.  
SHT. 2 OF 3  
JOB NO. 75043  
SCALE 1" = 20'  
DATE MARCH 26, 1976



DETAIL - STRAW DALE SILT BARRIER

- SEDIMENT CONTROL NOTES**
1. ALL SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ALL OTHER CONSTRUCTION.
  2. NO TEMPORARY SEDIMENT CONTROL STRUCTURE MAY BE REMOVED OR DESTROYED WITHOUT APPROVAL OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
  3. THE CONTRACTOR SHALL DISPOSE OF EXCESS MATERIAL IN AN APPROVED DISPOSAL SITE WHICH COMPLIES WITH ALL THE LAWS AND REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AND U.S. SOIL CONSERVATION SERVICE.
  4. ALL DISTURBED AREAS AROUND BACKFLOW PREVENTER, TANK & PUMP HOUSE TO BE PERMANENTLY SODED.
  5. PERMANENT SEEDING: APPLY COMMERCIAL FERTILIZER (5-10-10) @ 1000#/AC. LIME @ 1 TON/AC. AND KY-31 TALL FESCUE @ 150 #/AC. MULCH @ 1/2 T/AC. WITH THOROUGHLY THRASHED WHEAT, RYE, OR OAT STRAW. MULCH SHALL BE ANCHORED SPREADING WITH LIQUID ASPHALT @ 1 GAL./5 Y. OR EMULSIFIED ASPHALT @ .04 GAL./5 Y.
  6. PERMANENT SOD: SURFACE PREPARATION; 4" OF TOPSOIL WITH 2000 #/AC. OF GROUND LIMESTONE. DISCED TO 4" DEPTH; COMMERCIAL FERTILIZER (5-10-10), SPREAD @ 1000#/AC; SOD SHALL BE CULTIVATED BLUE GRASS, KY-31 FESCUE, & YES. OLD. PROOF OF CURRENT NURSERY INSPECTION CERTIFICATE SHALL BE FURNISHED.

- SITE ANALYSIS (SEDIMENT CONTROL)**
1. TOTAL TRACT AREA 48,876 AC.±
  2. AREA TO BE GRADED 4,000 SQ. FT.
  3. AREA TO BE PAVED AND/OR ROOFED 1,300 SQ. FT.
  4. AREA TO BE STABILIZED BY SEEDING OR SODDING 8,700 SQ. FT.



APPROVED  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 4-28-76  
*Thomas J. Harris*

CERTIFICATION BY THE DEVELOPER:  
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*[Signature]* 3/25/76  
SIGNATURE OF DEVELOPER DATE

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*[Signature]* 3/25/76  
SIGNATURE DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
*[Signature]* 5/7/76  
SIGNATURE DATE  
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.  
*[Signature]* 5/7/76  
APPROVED DATE  
HOWARD COUNTY

NO.	REVISION	DATE
1	ADD concrete strip behind flowprevents wall, 48 inch pump house dimensions, 6 inch water storage tank, 6 pump preforms	

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 5-11-76  
DATE  
CHIEF BUREAU OF HIGHWAYS

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*[Signature]* 5-11-76  
DATE  
PLANNING DIRECTOR

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]* 5/13/76  
DATE  
COUNTY HEALTH OFFICER

**stotler stagg & associates**  
affiliate  
**brevard engineering company**  
architects engineers planners

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teachers building  
columbia, maryland  
(301) 726-1180

**COLUMBIA**  
E.G.U. SUBDIVISION  
SECTION 1, AREA 1, TAX MAP 42  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

OWNER  
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9325 SNOWDEN RIVER PARKWAY  
COLUMBIA, MARYLAND 21046  
Phone: 301-730-8800

DEVELOPER  
**ROPER EASTERN**  
9325 SNOWDEN RIVER PARKWAY  
COLUMBIA, MARYLAND 21046  
Phone: 301-730-8800

REVISION TO APPROVED SITE DEVELOPMENT PLAN 76-25C  
**SEDIMENT CONTROL PLAN**  
**ONSITE FIRE PROTECTION**  
**WATER STORAGE TANK**  
**ROPER EASTERN**

DWG. NO.  
SHEET 3 OF 3  
JOB NO. 75043  
SCALE 1"=20'  
DATE MARCH 26, 1976