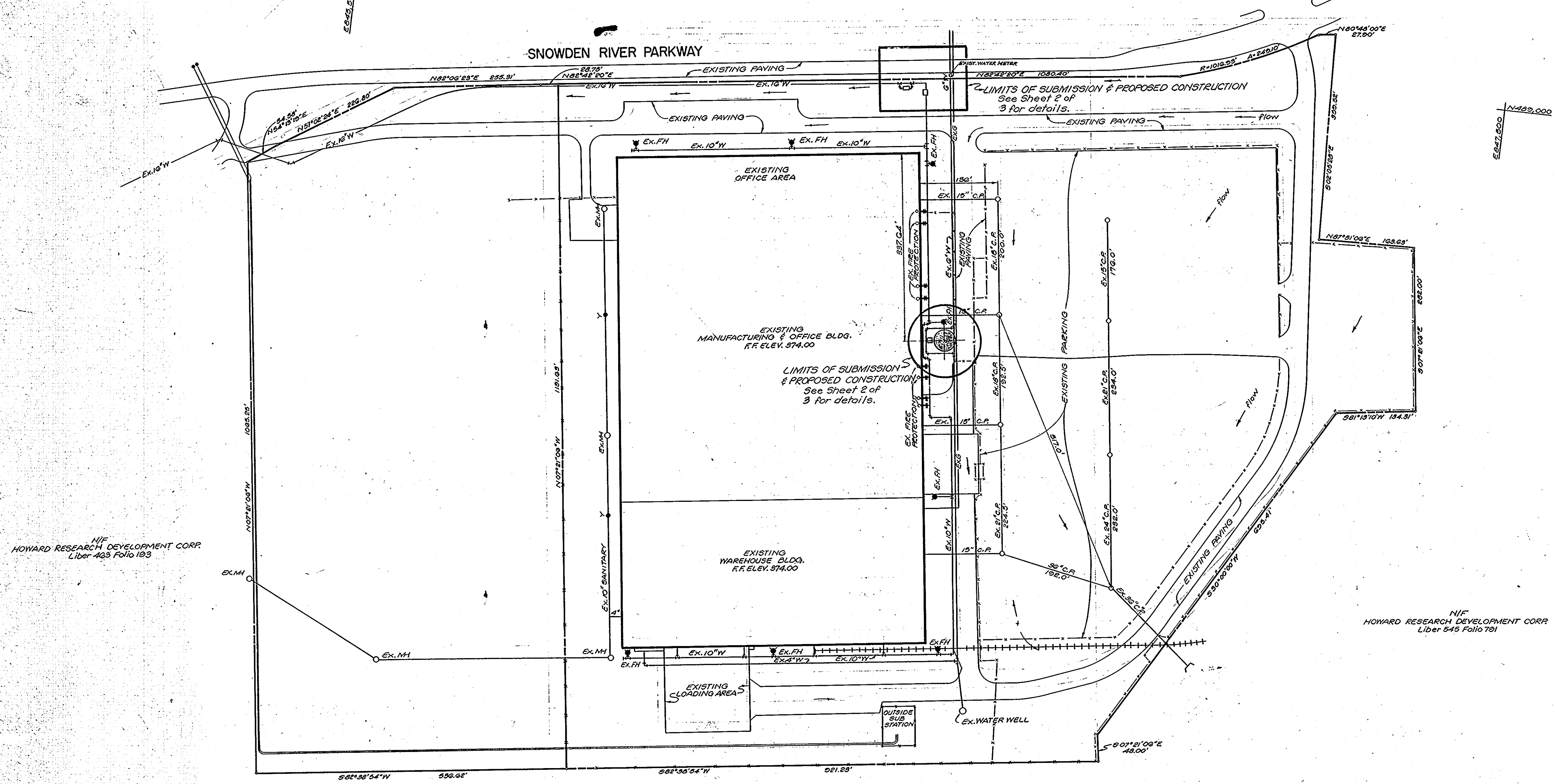


VICINITY MAP  
Scale: 1" = 2000'



**GENERAL NOTES**  
 ALL WATER MAINS TO BE C.T.P., D.I.P., OR A.C.P. UNLESS OTHERWISE NOTED.  
 TOP OF ALL WATER MAINS TO HAVE A MINIMUM OF 3 1/2' COVER UNLESS OTHERWISE NOTED.  
 ALL VALVES SHALL BE STRAPPED TO TEES.  
 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 3 DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS.

**SITE ANALYSIS (PLANNING)**

1. AREA OF SUBMISSION	1.00 AC.±
2. ZONING	EMPLOYMENT CENTER INDUSTRIAL
3. NUMBER OF EMPLOYEES	UNCHANGED
4. FLOOR SPACE	UNCHANGED
5. SUBDIVISION PLAT	PLAT BOOK 21, FOLIO 92
6. F.D.P.	PHASE I, PLAT BOOK 11, FOLIO 6A
7. PARKING REQUIREMENT	UNCHANGED
8. TOTAL AREA	48.872 AC.±

**APPROVED**  
 PLANNING BOARD  
 OF HOWARD COUNTY

DATE 10-29-75  
*Thomas L. Harris*

NOTE:  
 Add standpipe, pump house and backflow preventer to SITE DEVELOPMENT PLAN dated May 3, 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.  
*Robert W. Dickman* 11/18/75  
 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.  
*Barry P. Rhode* 7/25/75  
 SIGNATURE DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
*James M. DeLeon* 11-12-75  
 SIGNATURE DATE  
 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. Dickman* 11/18/75  
 HOWARD S.C.D. DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*W. P. Albert* 11-18-75  
 DIRECTOR DATE  
*B. M. McNease* 11/14/75  
 CHIEF BUREAU OF HIGHWAYS DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*Thomas L. Harris* 11-25-75  
 PLANNING DIRECTOR DATE  
*W. J. O'Connell* 11/25/75  
 CHIEF DIVISION OF LAND DEVELOPMENT (AND TRANSPORTATION PLANNING) DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
*J. P. Dagan* 11/24/75  
 COUNTY HEALTH OFFICER DATE

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

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

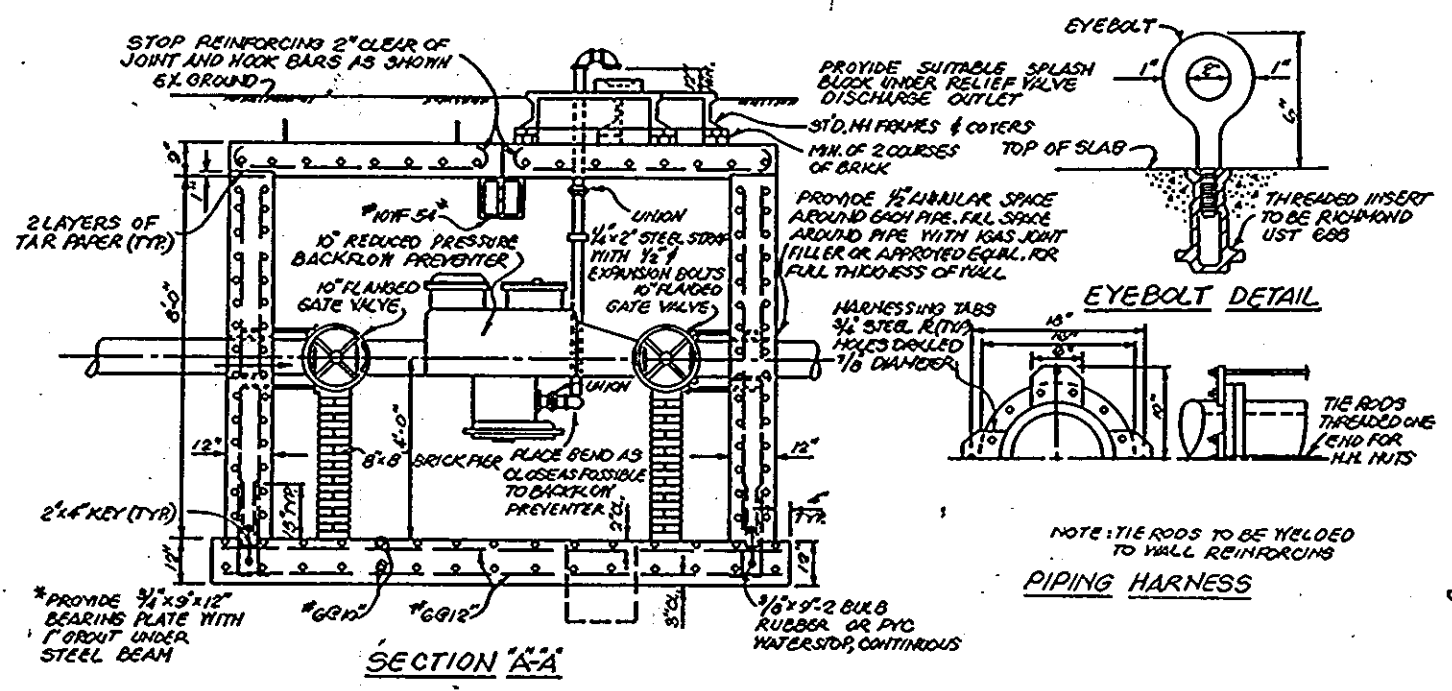
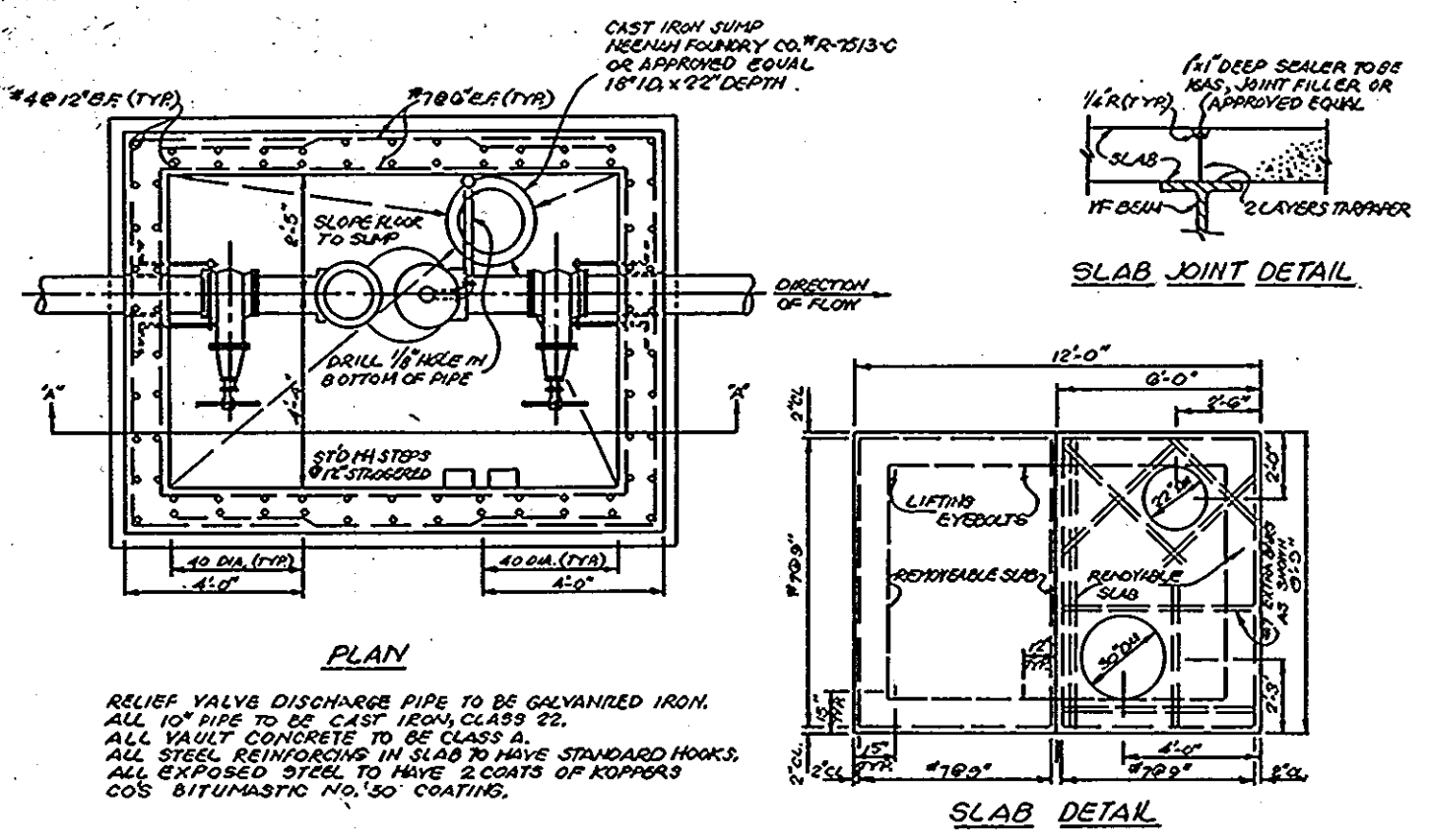
**COLUMBIA**  
 E.G.U. SUBDIVISION  
 SECTION 1, AREA 1, TAX MAP 42  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

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

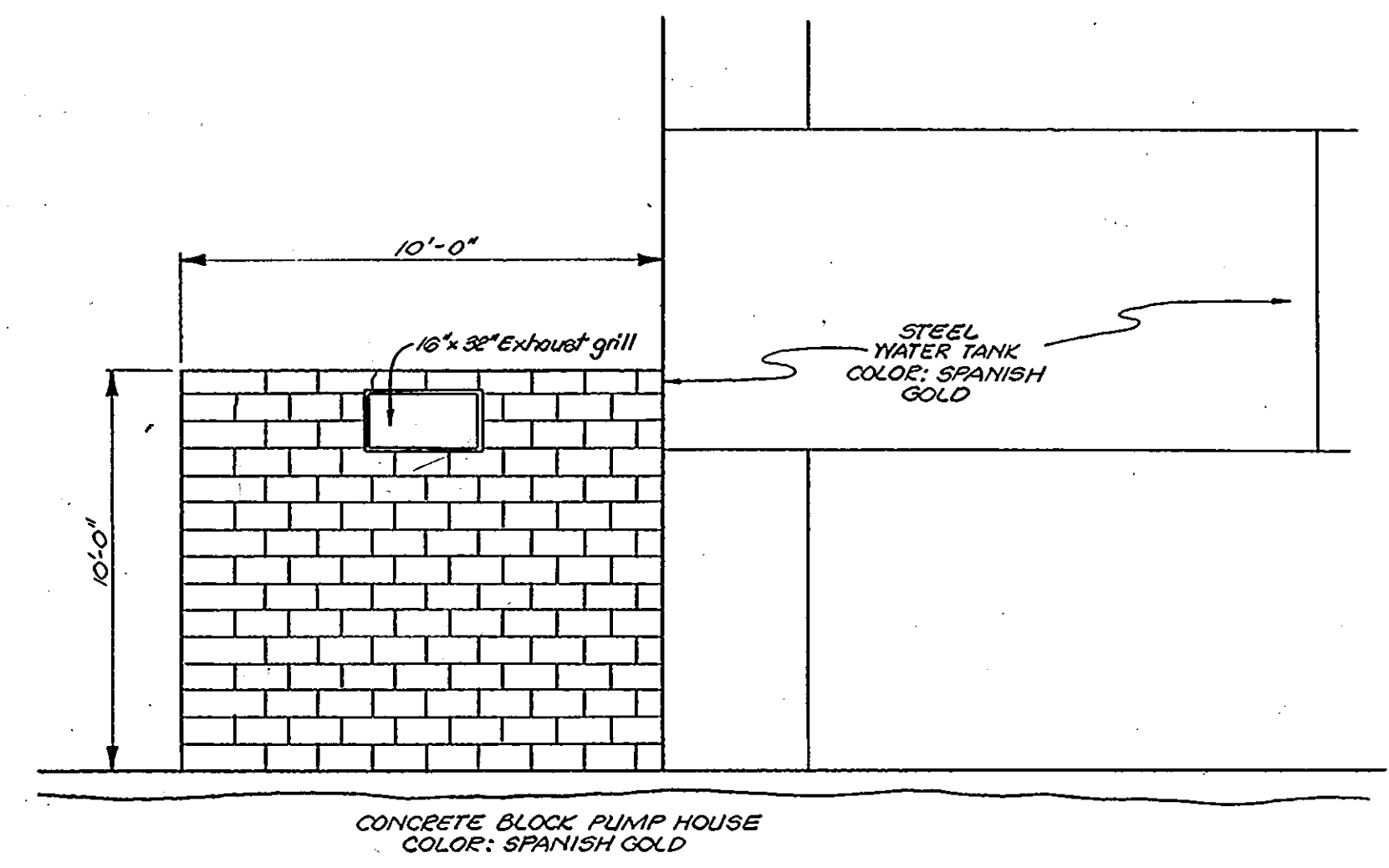
DEVELOPER  
**ROPER EASTERN**  
 9325 SNOWDEN RIVER PARKWAY  
 COLUMBIA, MARYLAND 21046  
 Phone: 301-730-8800

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

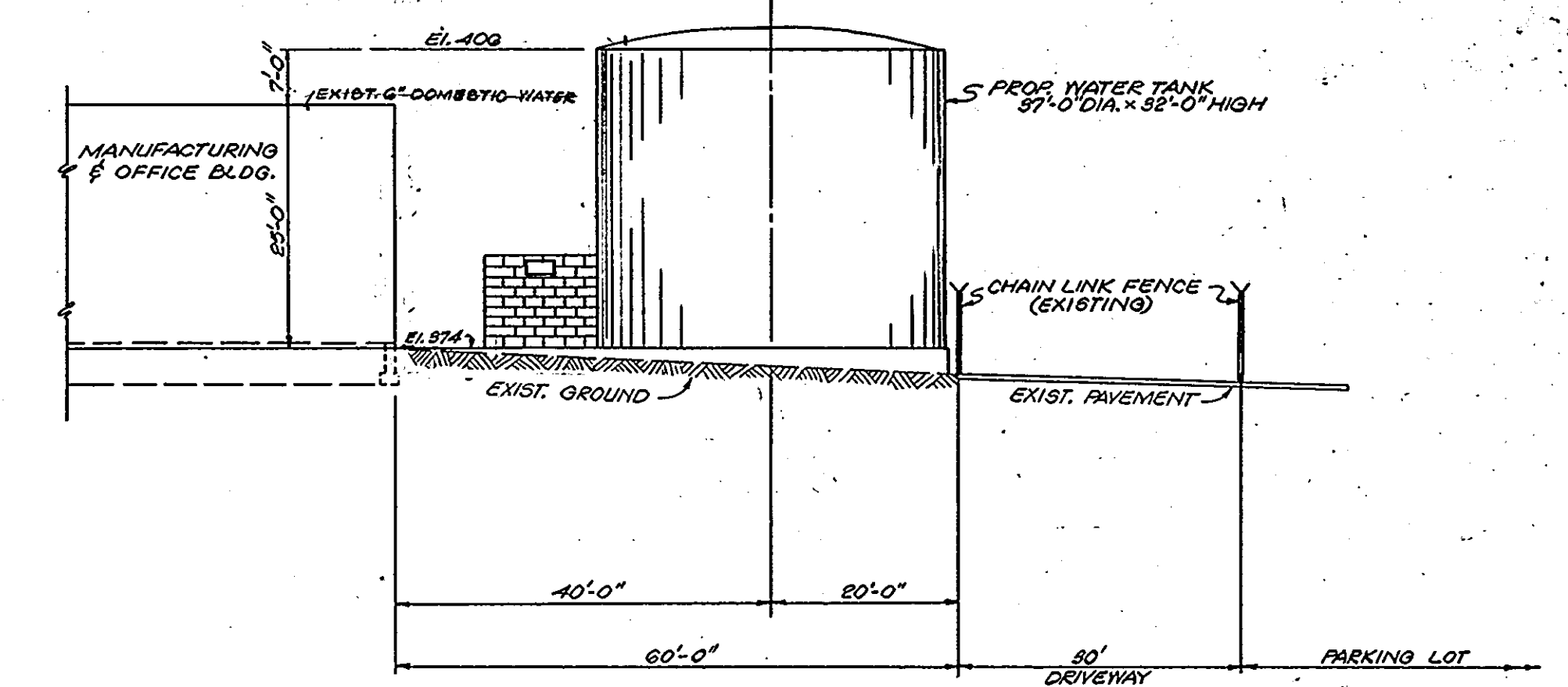
DWG. NO.  
 SHT. 1 OF 3  
 JOB NO. 75043  
 SCALE 1" = 100'  
 DATE JULY 29, 1975



**10' REDUCED PRESSURE BACKFLOW PREVENTER AND VAULT**  
M.T.S.

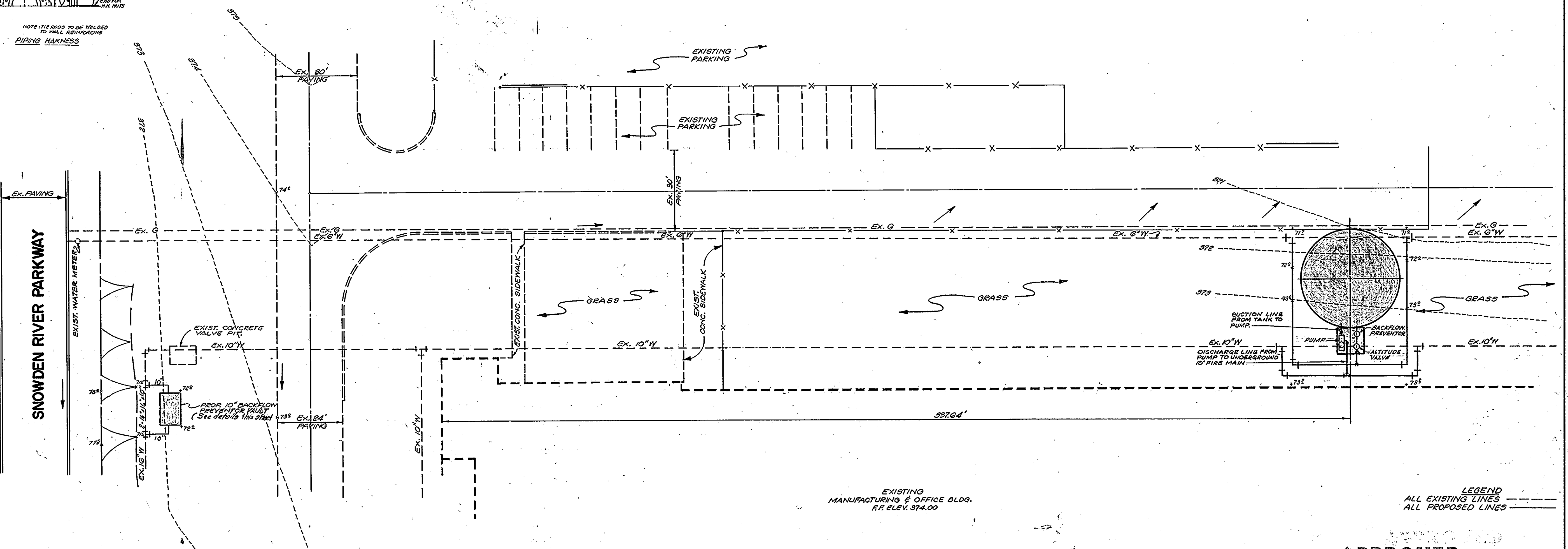
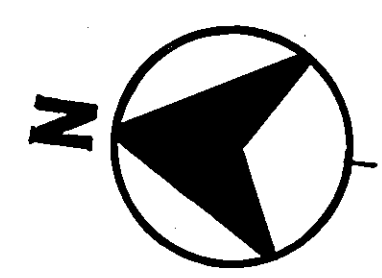


SCALE: 1/4"=1'-0"



SCALE: 1/16"=1'-0"

ELEVATIONS LOOKING NORTH



EXISTING MANUFACTURING & OFFICE BLDG.  
F.F. ELEV. 314.00

LEGEND  
ALL EXISTING LINES  
ALL PROPOSED LINES

**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]*  
SIGNATURE OF DEVELOPER  
9/18/75  
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]*  
SIGNATURE  
7/25/75  
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
*[Signature]*  
SIGNATURE  
U.S./SOIL CONSERVATION SERVICE  
11-12-75  
DATE  
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
APPROVED: *[Signature]*  
HOWARD S.C.D.  
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.  
*[Signature]*  
DIRECTOR  
11-18-75  
DATE  
*[Signature]*  
CHIEF BUREAU OF HIGHWAYS  
11/14/75  
DATE

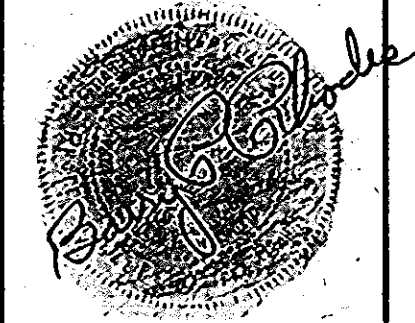
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
*[Signature]*  
PLANNING DIRECTOR  
11-25-75  
DATE  
*[Signature]*  
CHIEF DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING  
11/25/75  
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
*[Signature]*  
COUNTY HEALTH OFFICER  
11/26/75  
DATE

APPROVED  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 10-29-75  
*[Signature]*

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

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teachers building  
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(301) 730-1100 21044



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

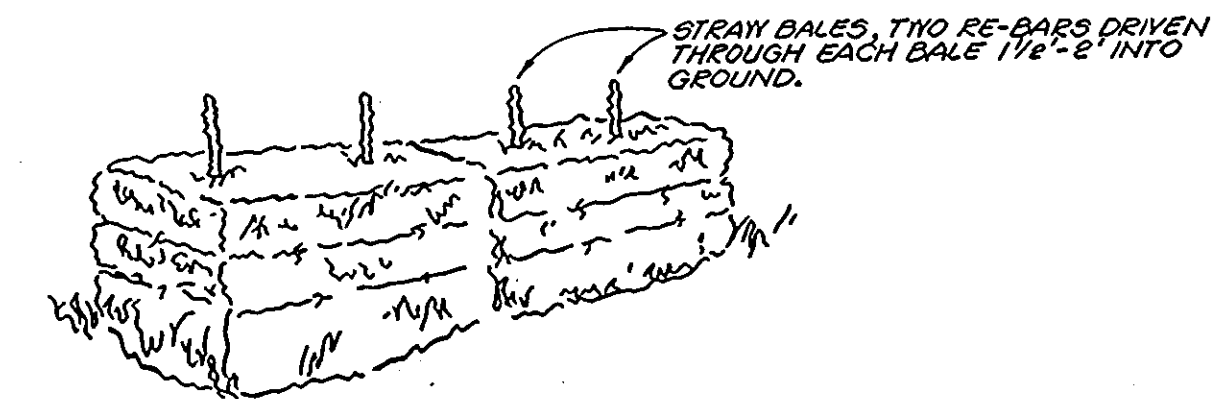
OWNER  
**ROPER EASTERN**  
9325 SNOWDEN RIVER PARKWAY  
COLUMBIA, MARYLAND 21046  
Phone: 301-730-8800

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

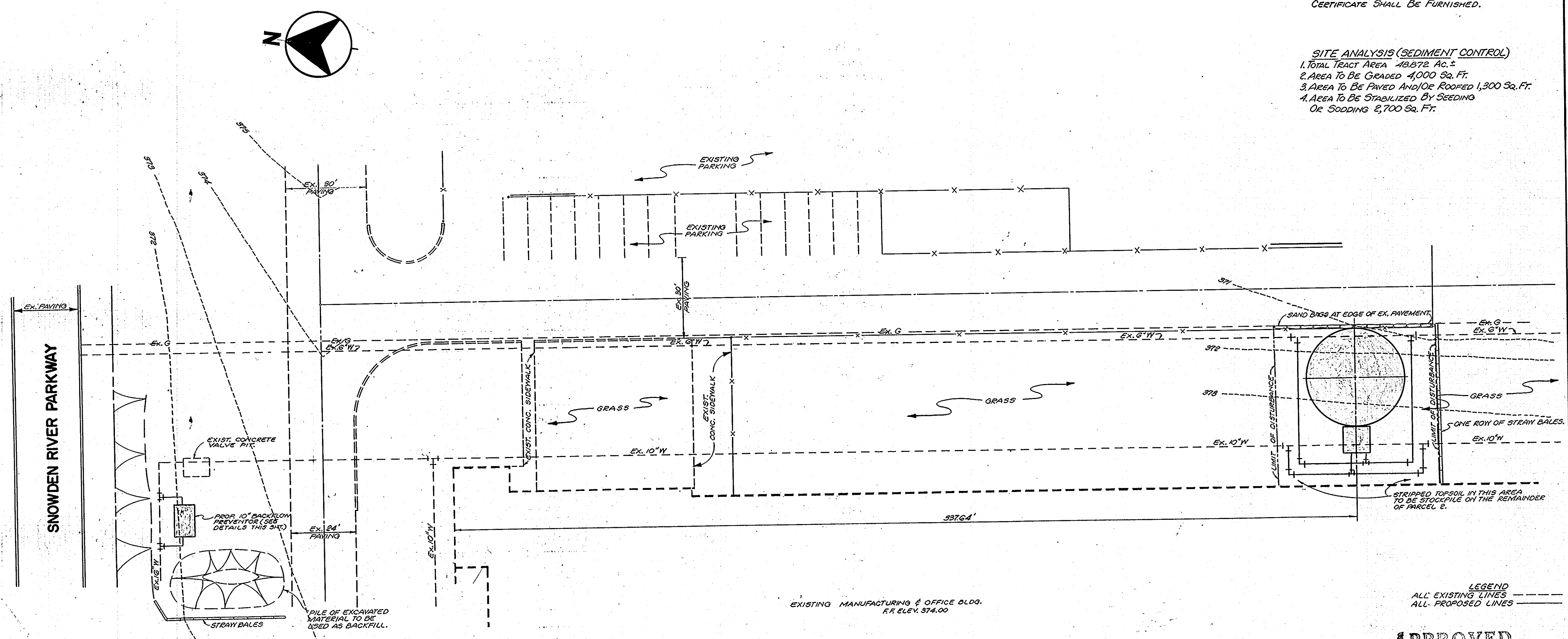
DWG. NO.  
SHT. 2 OF 3  
JOB NO. 75043  
SCALE 1"=20'  
DATE JULY 29, 1975

- 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 PERMANENT SODDED.
  5. PERMANENT SEEDING: APPLY COMMERCIAL FERTILIZER (5-10-10) @ 1000#/AC. LIME @ 1 TON/AC. AND KY. 31 TALL FESCUE @ 150 #/AC. MULCH @ 1 1/2 T/AC. WITH THOROUGHLY THRASHED WHEAT, RYE, OR OAT STRAW. MULCH SHALL BE ANCHORED SPRAYING WITH LIQUID ASPHALT @ 1 GAL./S.Y. OR EMULSIFIED ASPHALT @ .04 GAL./S.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, 2 YRS. OLD. PROOF OF CURRENT NURSERY INSPECTION CERTIFICATE SHALL BE FURNISHED.



DETAIL - STRAW DALE SILT BARRIER

- SITE ANALYSIS (SEDIMENT CONTROL)**
1. TOTAL TRACT AREA 18,872 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 2,700 SQ. FT.



LEGEND  
 ALL EXISTING LINES  
 ALL PROPOSED LINES

APPROVED  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE 10-29-75  
 Thomas L. Amigh

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: [Signature] DATE: 9/18/75

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 Signature: Barry P. Rhodes DATE: 7/25/75

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
 Signature: James M. Nelson DATE: 11-12-75  
 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. Jackson DATE: 11-12-75  
 HOWARD S.C.D.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Signature: W.O. Fallick DATE: 11-18-75  
 Signature: G.P. Newland DATE: 11/14/75  
 CHIEF BUREAU OF HIGHWAYS

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
 Signature: Thomas L. Amigh DATE: 11/25/75  
 Signature: [Signature] DATE: 11/25/75  
 CHIEF DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 Signature: [Signature] DATE: 11/24/75  
 COUNTY HEALTH OFFICER

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DEVELOPER  
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**SEDIMENT CONTROL PLAN**  
**ONSITE FIRE PROTECTION**  
**WATER STORAGE TANK**  
**ROPER EASTERN**

DWG. NO. SHT. 3 OF 3  
 JOB NO. 75043  
 SCALE 1"=20'  
 DATE JULY 29, 1975