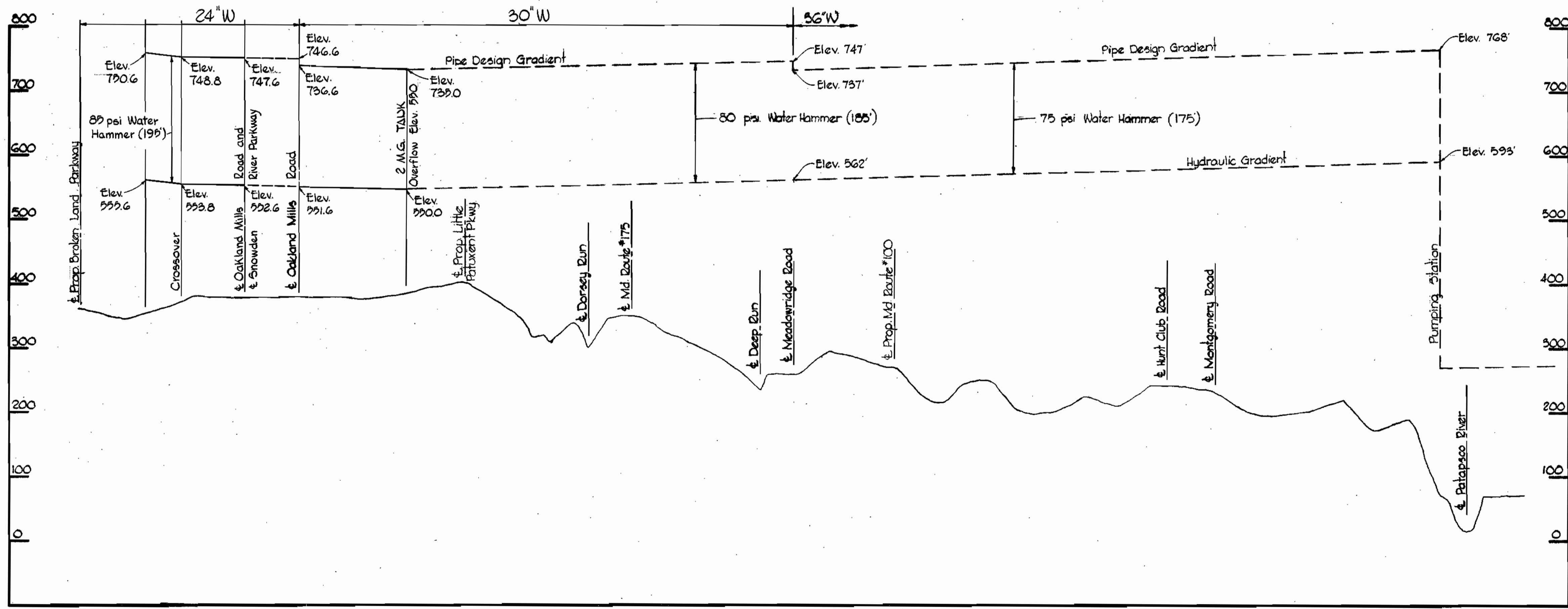




LOCATION PLAN
Scale: 1" = 2000'



PROFILE
Scale: H: 1" = 2000'
V: 1" = 100'

AS BUILT
DIARY FB* 5095
STAKE OUT FB* 5075
WATER MAIN - CONCRETE PIPE



Kenneth A. McCord

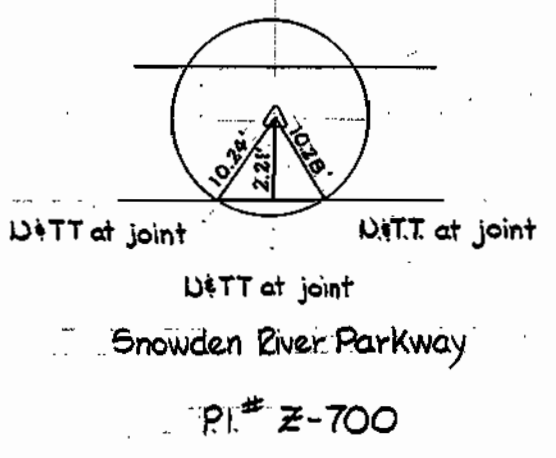
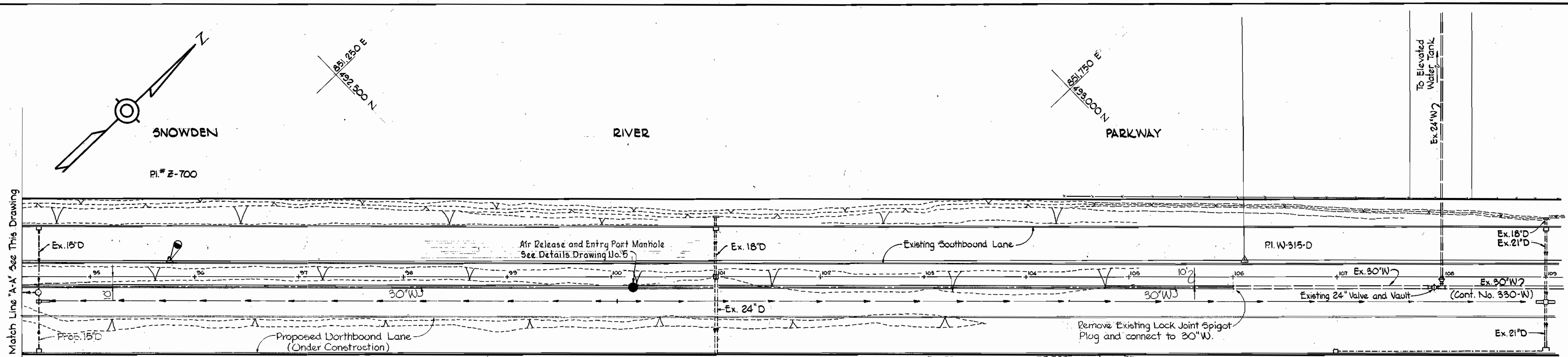
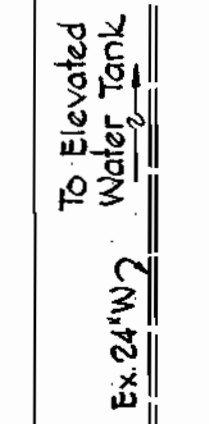
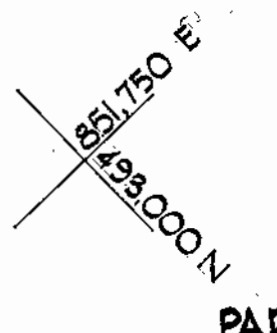
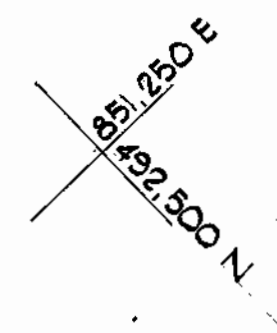
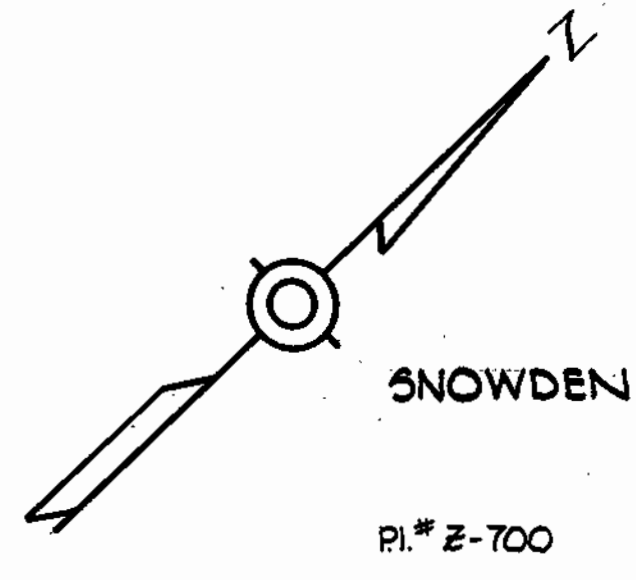
Contract No. C-441-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 8-23-71 DATE <i>W.O. Pellet</i> CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. C-441-W	LOCATION PLAN AND HYDRAULIC GRADIENT	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 1 OF 6 SCALE AS SHOWN
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W. O. 6023-2

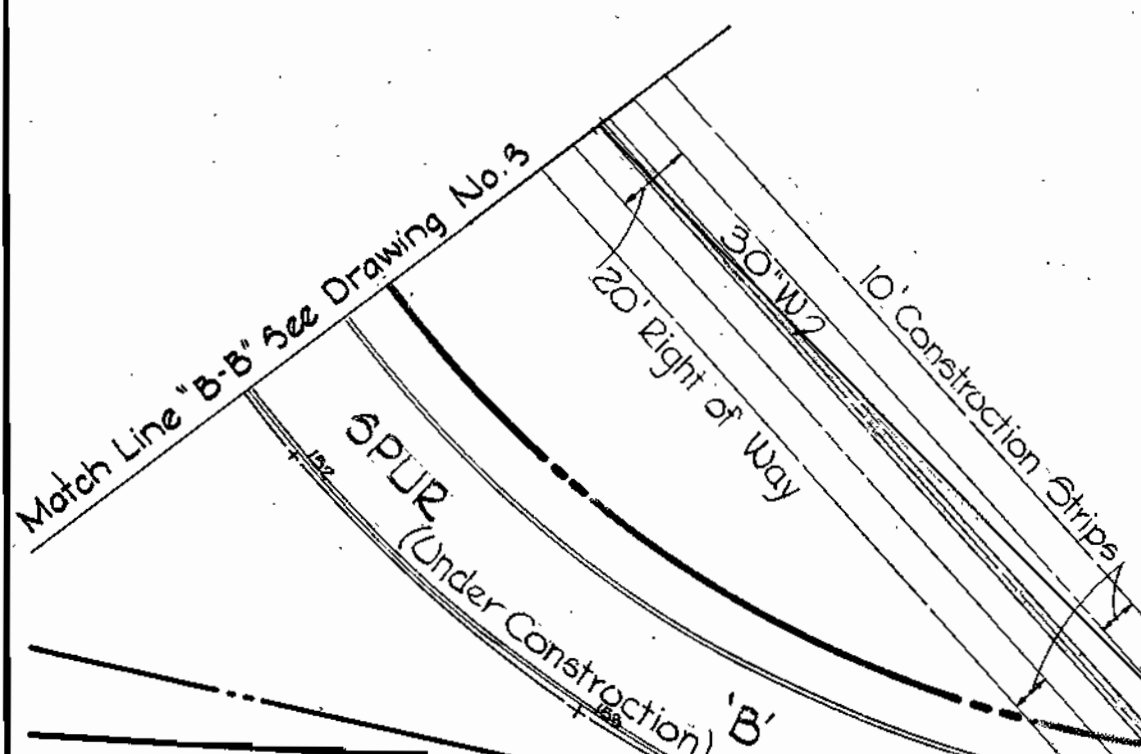
MAY 22, 1972 AS BUILT

WS 441-W/1

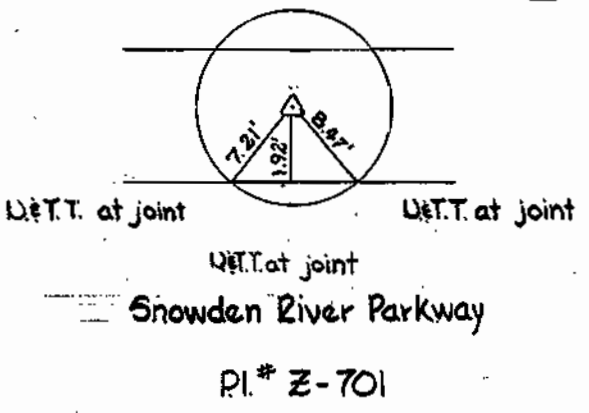
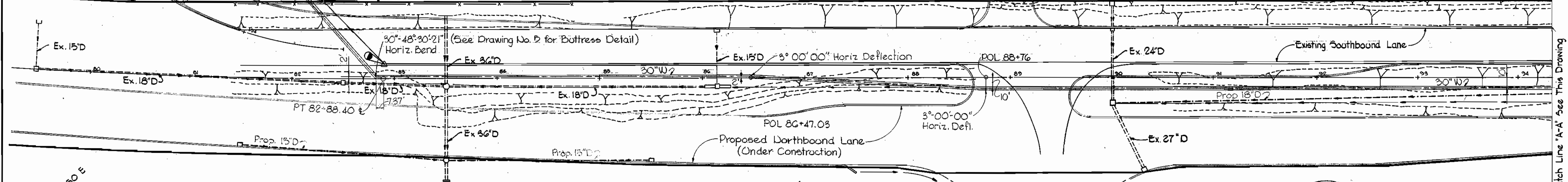
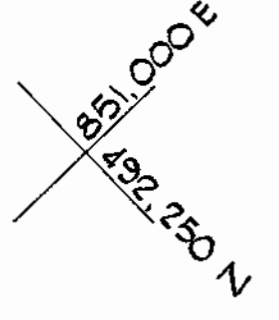
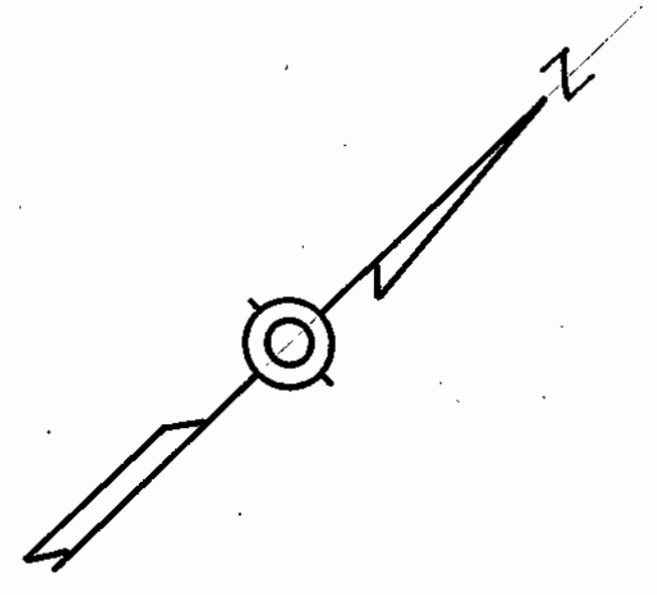


W2+Δ B.M. Pl. # Z-700 Elev. 383.34

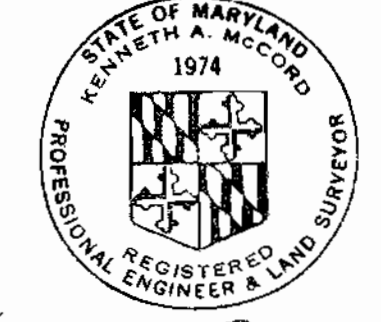
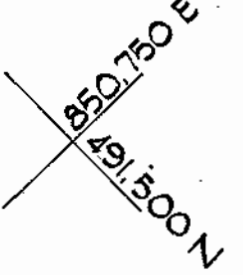
6811



Property of THE GENERAL ELECTRIC COMPANY



W2+Δ B.M. Pl. # Z-701 Elev. 370.32



Kenneth A. McLeod

Contract No. C-441-W

<p>WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND</p>	<p>DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 8-23-71 DATE <i>W. O. Felber</i> CHIEF - BUREAU OF WATER AND SEWER</p>	<p>CONTRACT NO. C-441-W</p>	<p>PLAN OF WATER MAINS</p>	<p>ELECTION DISTRICT GUILFORD NO. 6</p>	<p>DRAWING NO. 2 OF 6 SCALE 1" = 50'</p>
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W. O. 6023-2

FB#5026

MAY 22 1972

AS BUILT

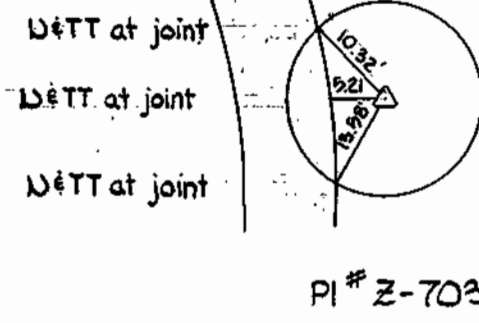
WS 441-W/2

BRUNING 44510 14718

GENERAL NOTES

1. Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately.
2. All pipe elevations shown are invert elevations.
3. The Contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilities.
4. For all standard details see standards bound in Specifications.
5. All water mains shall have a minimum of 3 1/2' cover.
6. Block all fittings with concrete, see standards bound in Specifications.
7. Clear all utilities by a minimum of 6', clear all poles by 2'-0" minimum or tunnel as required.
8. All horizontal and vertical controls are based on Maryland State Datum.

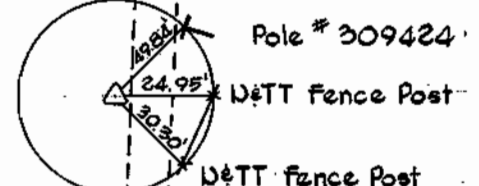
Relocated Oakland Mills Road



PI # Z-703

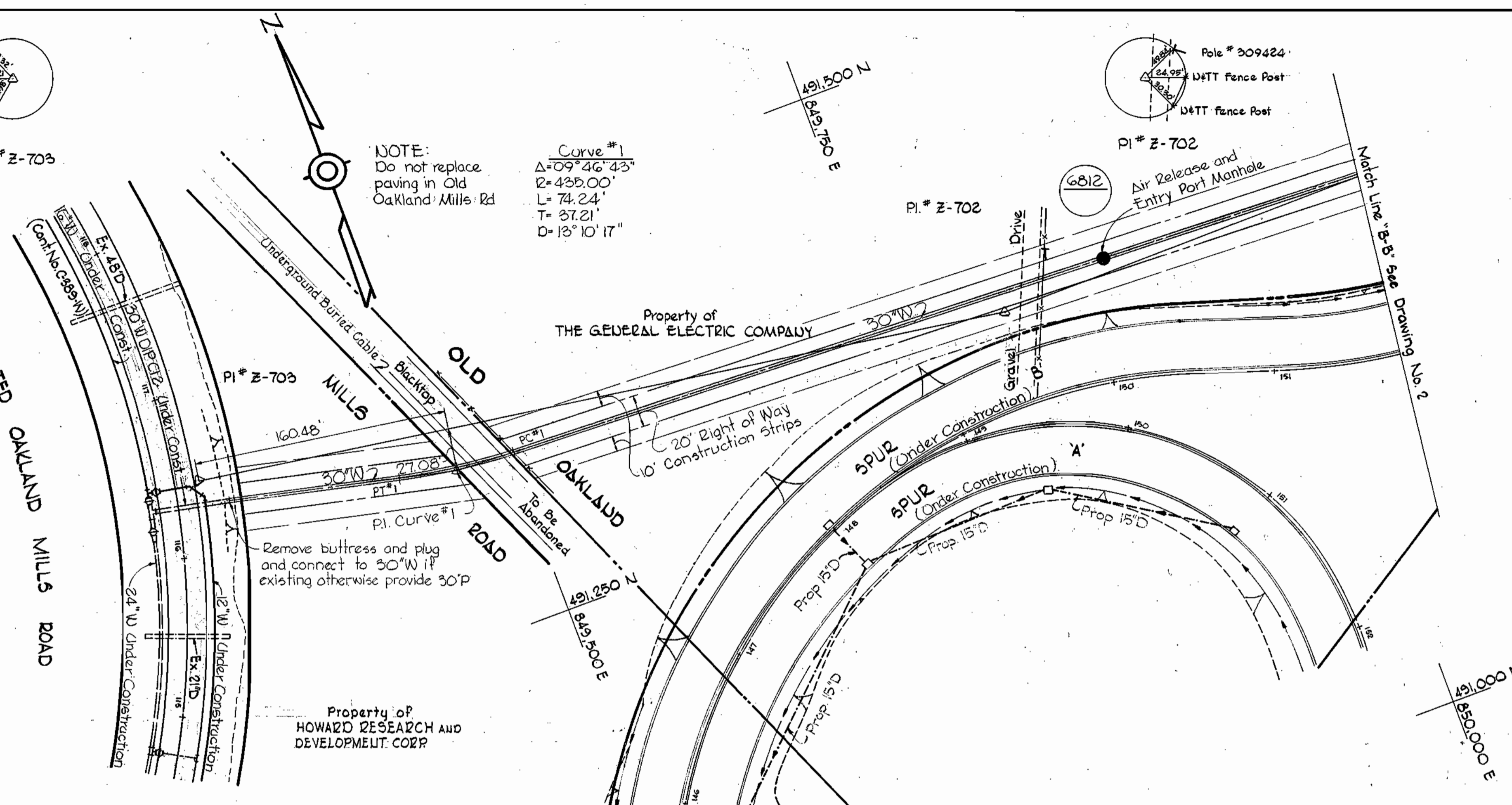
NOTE:
Do not replace paving in Old Oakland Mills Rd

Curve #1
Δ=09°46'43"
R=435.00'
L=74.24'
T=37.21'
D=13°10'17"



PI # Z-702

RELOCATED OAKLAND MILLS ROAD



Curve #1
Δ=09°00'00"
R=2919.79'
L=458.64'
T=229.79'
D=01°57'44"

SNOWDEN

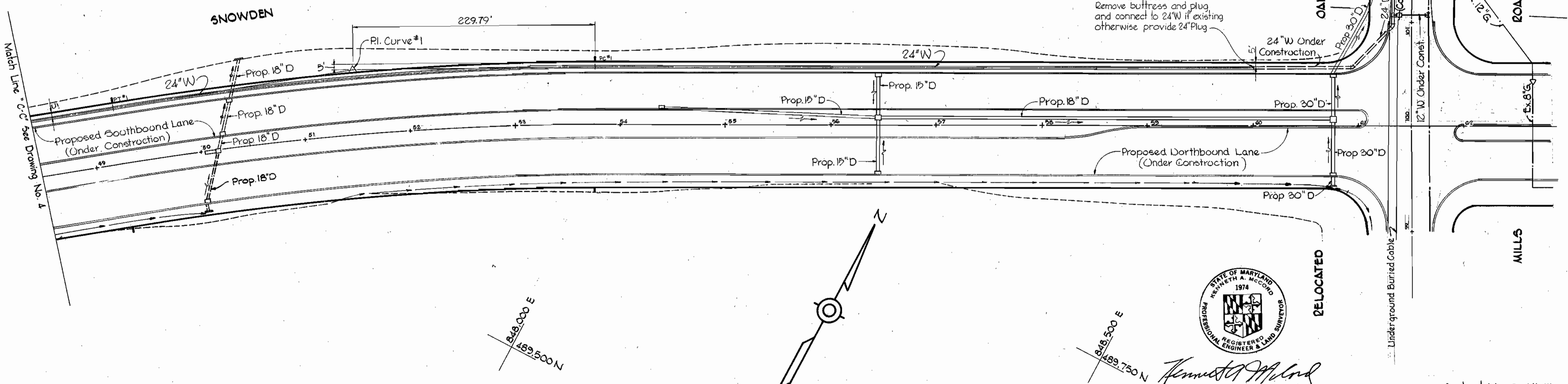
RIVER

PARKWAY

OAKLAND

ROAD

MILLS



Kenneth A. McCord

Contract No. C-441-W

<p>WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND</p>	<p>DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 8-23-77 DATE</p> <p><i>W.C. Fallick</i> CHIEF - BUREAU OF WATER AND SEWER</p>	<p>CONTRACT NO. C-441-W</p>	<p>PLAN OF WATER MAINS</p>	<p>ELECTION DISTRICT GUILFORD NO. 6</p>	<p>DRAWING NO. 3 OF 6 SCALE 1" = 50'</p>
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W.O. 6023-2

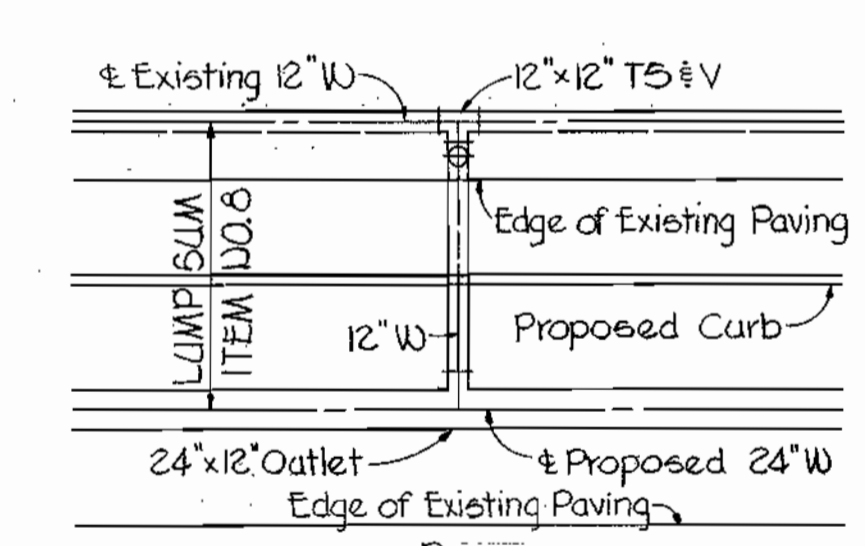
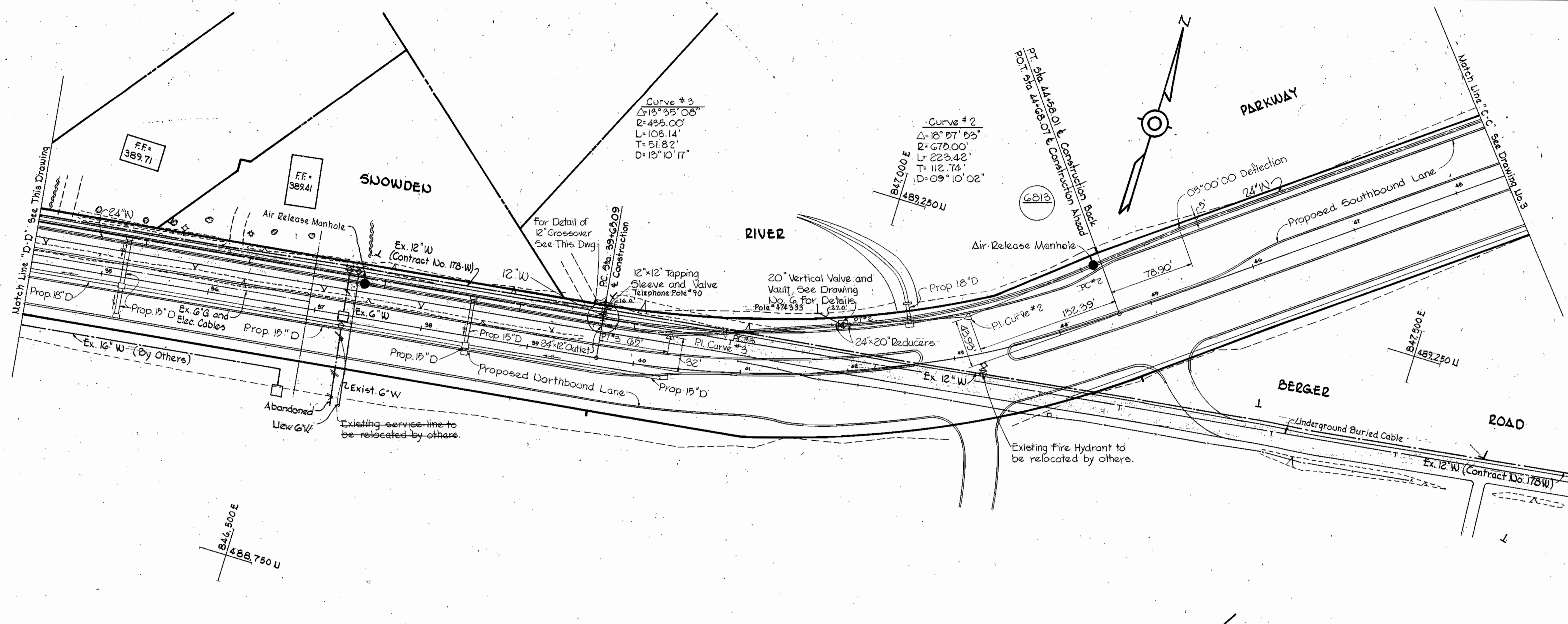
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MAY 22, 1972

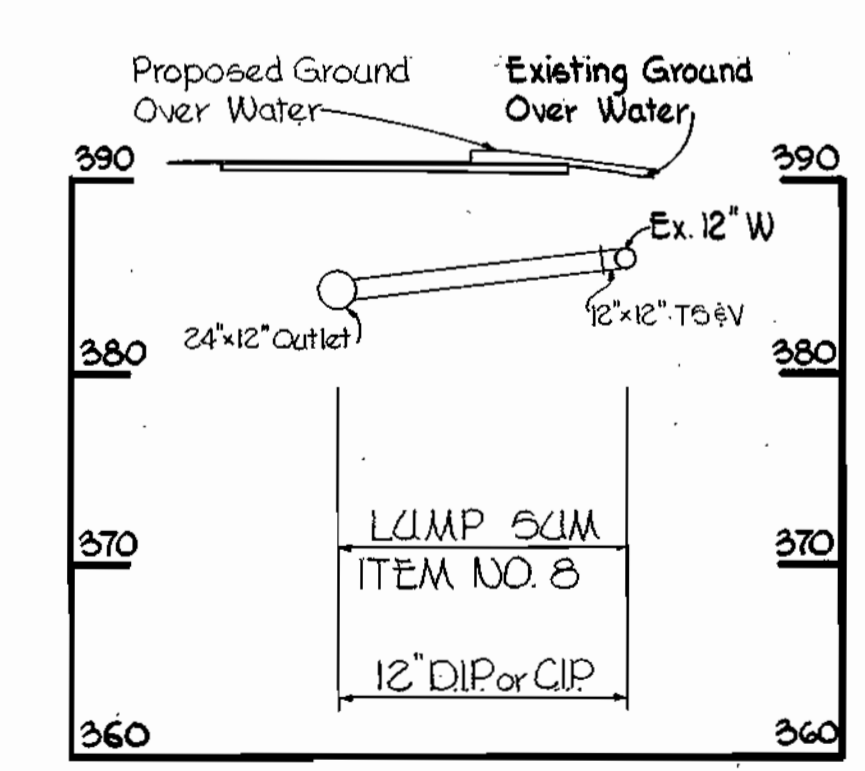
AS BUILT

WS 441-W/3

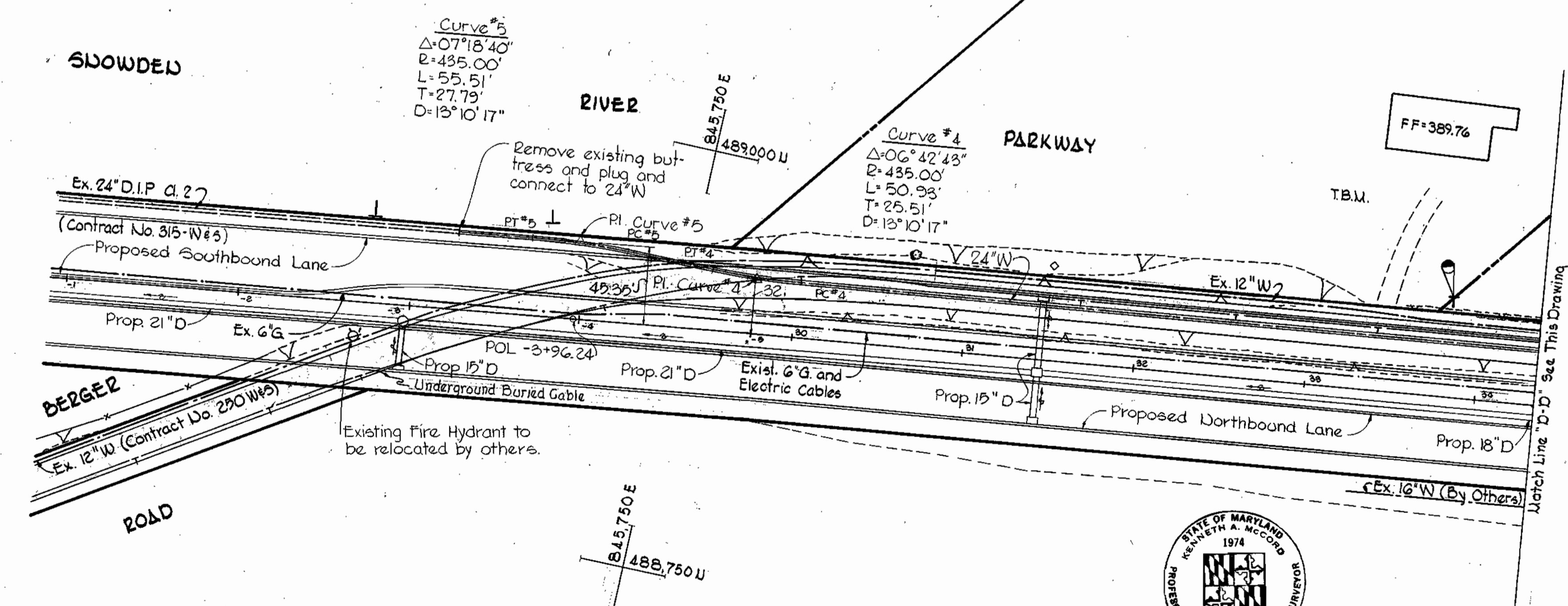
BRUNING 44,510 14778



NOTE
Contractor to locate joints on Existing 12" W and center 12" x 12" T5&V between them.



PROFILE
12" CROSSOVER
Scale: 1" = 10'



T.B.M. Elev. 388.943
Galvanized spike in power pole
359151, North side Berger Road
between R1."A" & R1 property
corner "A" (Elev. by others 389.09)

Kenneth A. McCord

Contract No. C-441-W

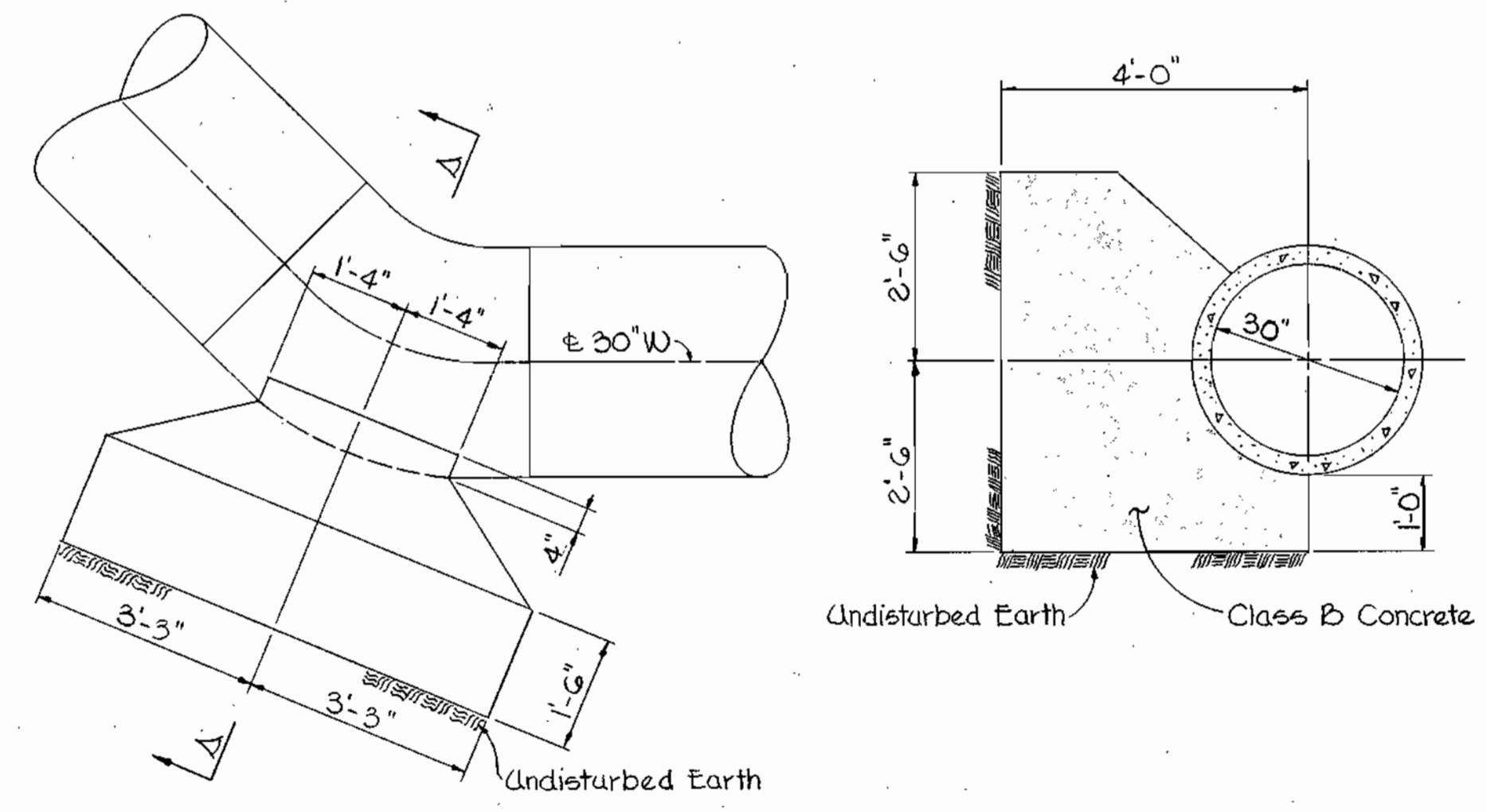
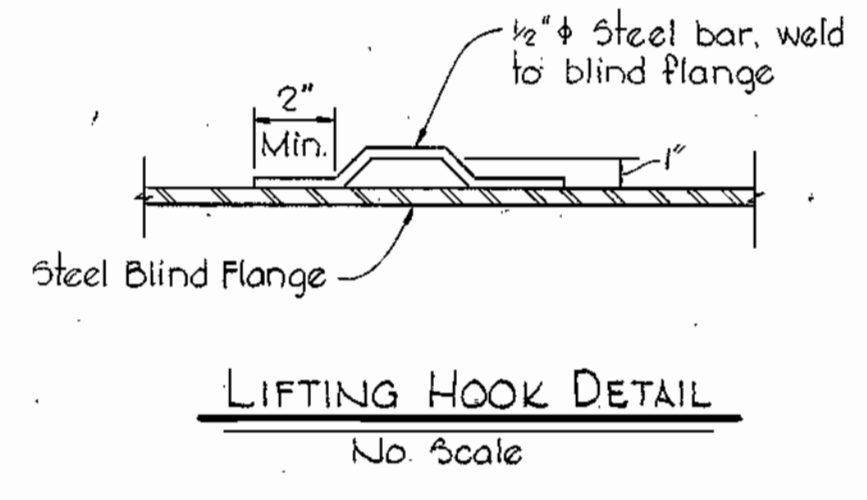
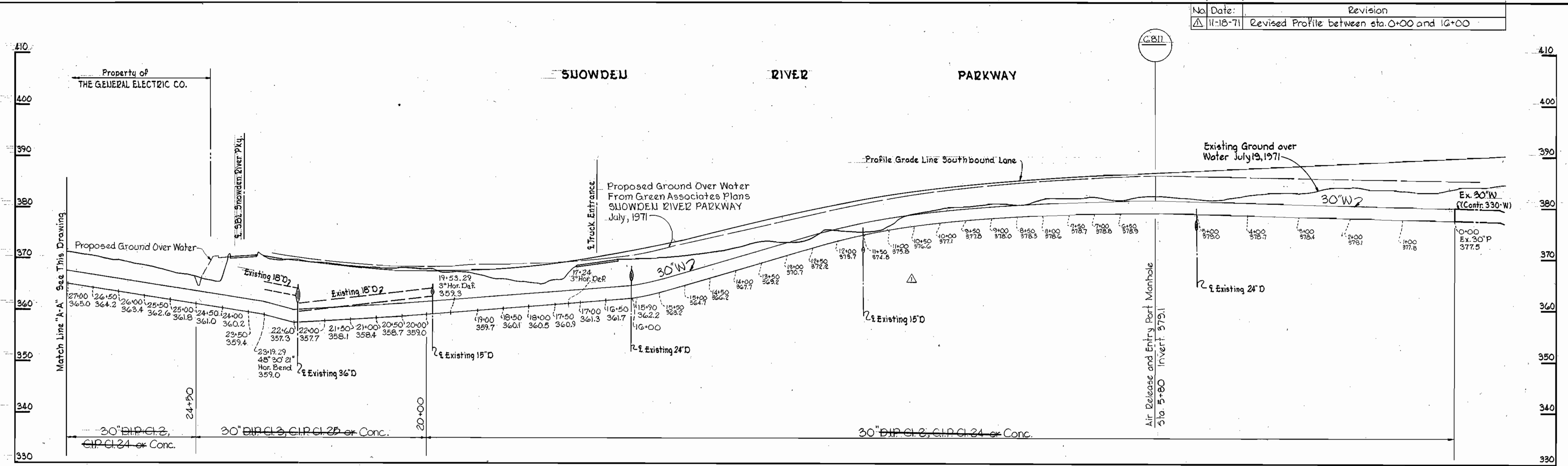
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 8-23-71 <i>W. O. Falber</i> CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. C-441-W	PLAN OF WATER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 4 OF 6 SCALE 1" = 50' 489-485 488-484 489-484
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W. O. 6023-2

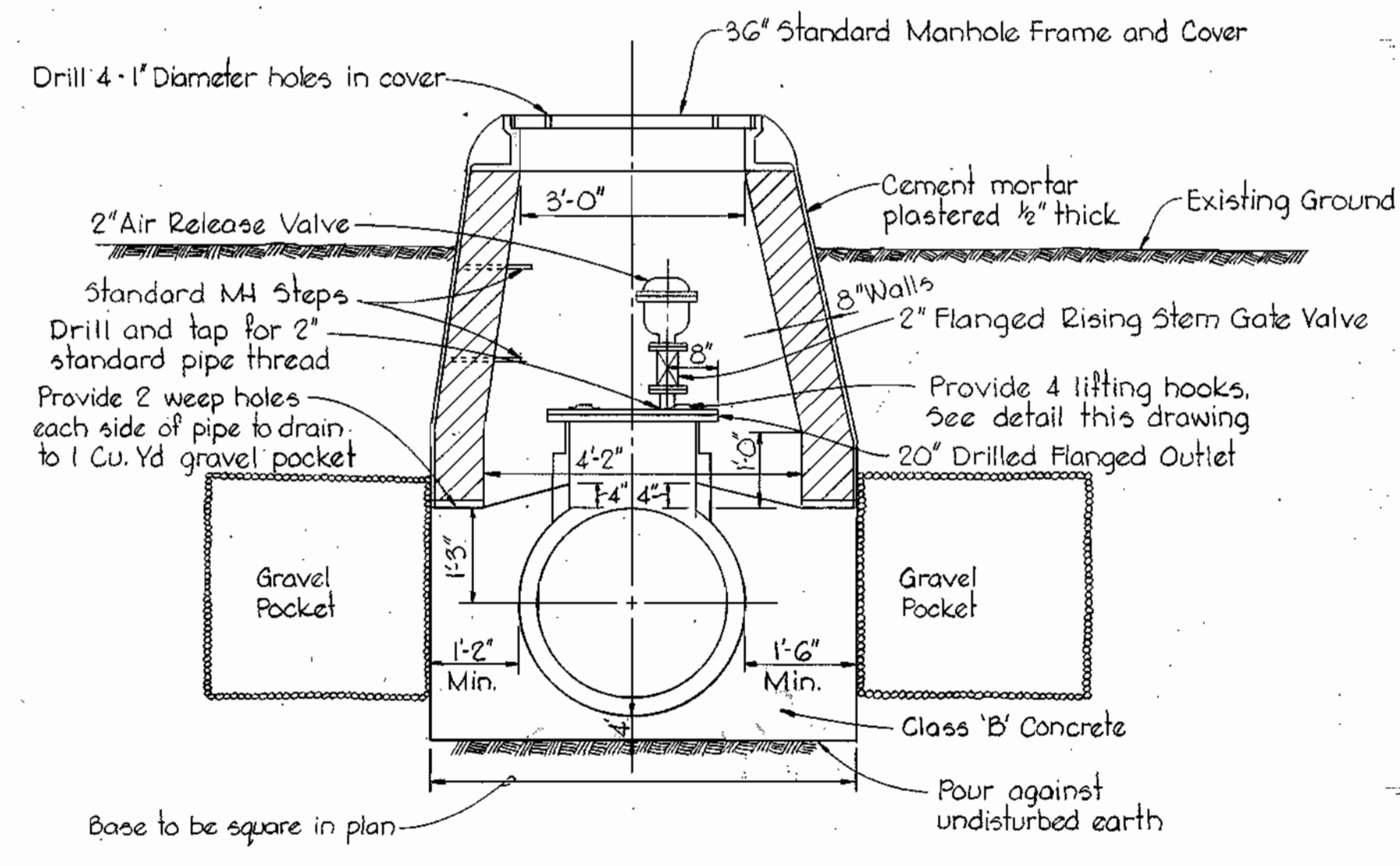
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MAY 22, 1972 AS BUILT

WS 441-W/4

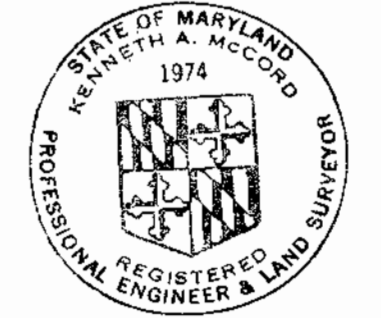
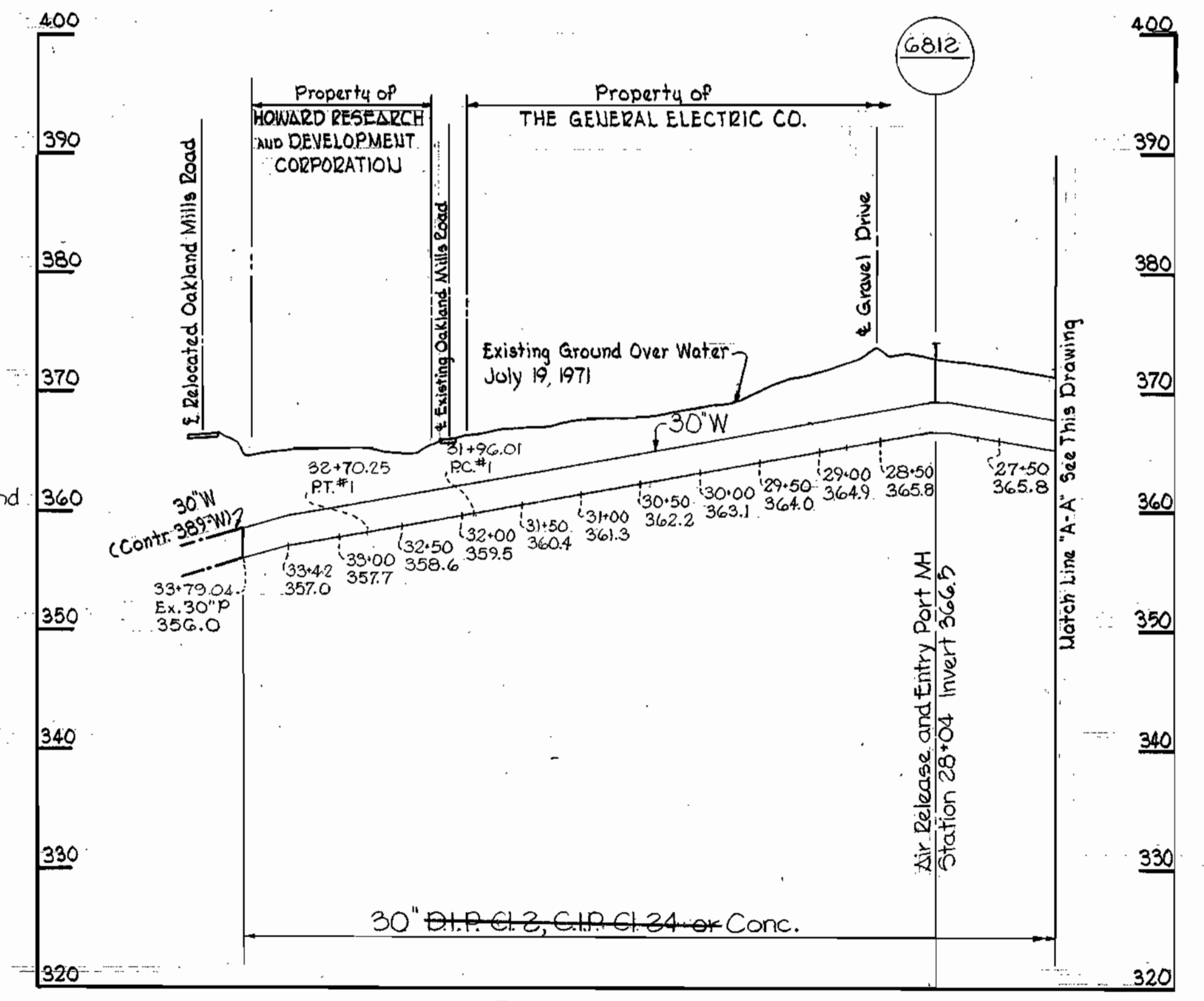
BRUNING 44510 14778



BUTTRESS DETAIL FOR 48° 30' 21" HORIZONTAL BEND
 Scale: 1/2" = 1'-0"



NOTE:
 All exposed steel to be coated with 2 coats Mobile Asphalt 35-J-11 or approved equal



Kenneth A. McCord

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 8-23-71 DATE <i>W. O. Falbert</i> CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. C-441-W	PROFILES AND DETAILS OF WATER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 5	SCALE AS SHOWN
					OF 6	AS BUILT

Contract No. C-441-W

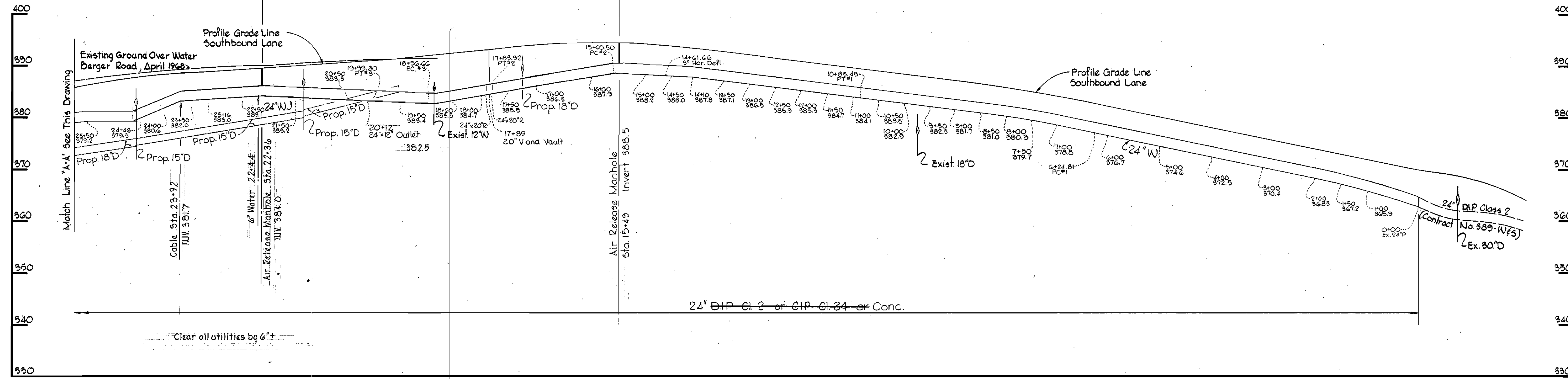
MAY 22 1972 AS BUILT

WS 441-W/5

W.O. 6023-2

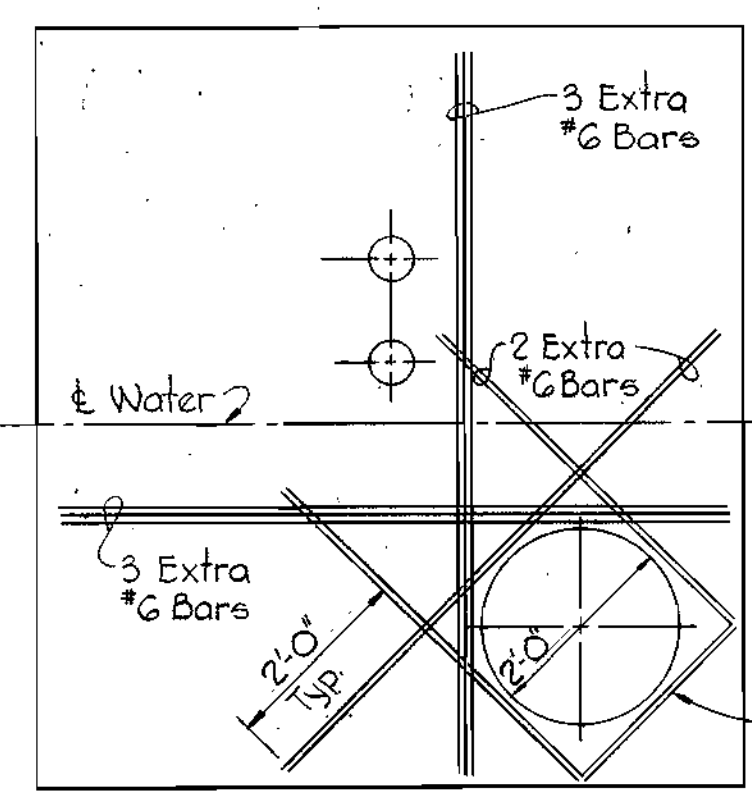
BRINNING 44 510 1477R

SNOWDEN RIVER PARKWAY

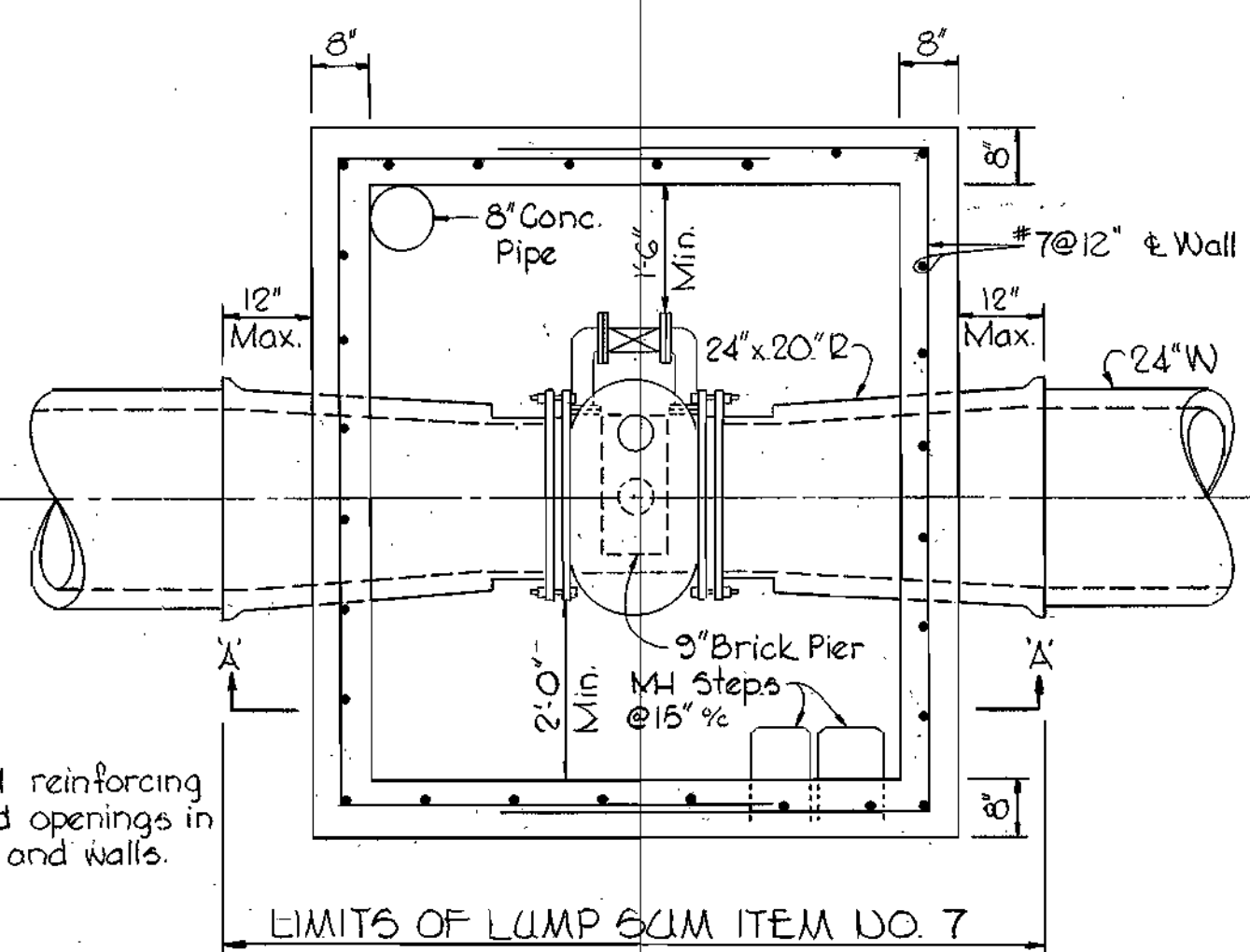


- NOTES**
1. All concrete shall be Class A.
 2. Reinforcing steel shall conform to ASTM A-615-70 Grade 40.
 3. Reinforcing bar laps and dowel projections shall be 30 bar diameters.
 4. All exposed concrete edges shall be chamfered 3/4".

NOTE
Concrete Pressure Pipe Shown.



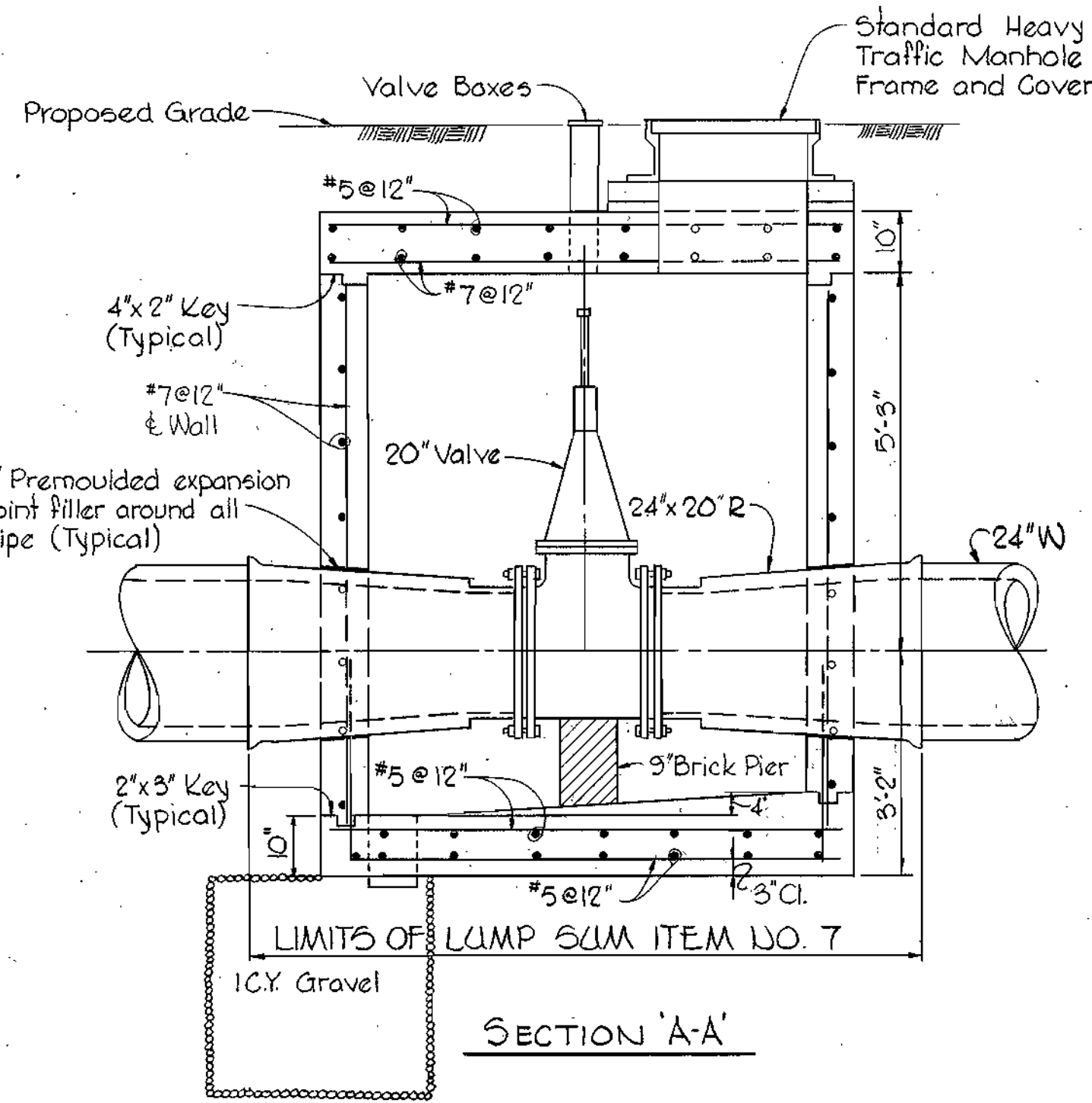
TOP SLAB PLAN



SECTIONAL PLAN

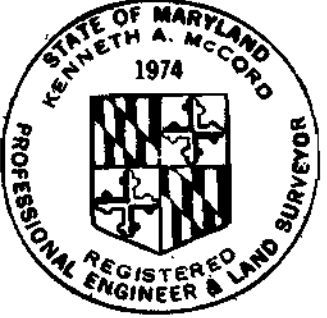
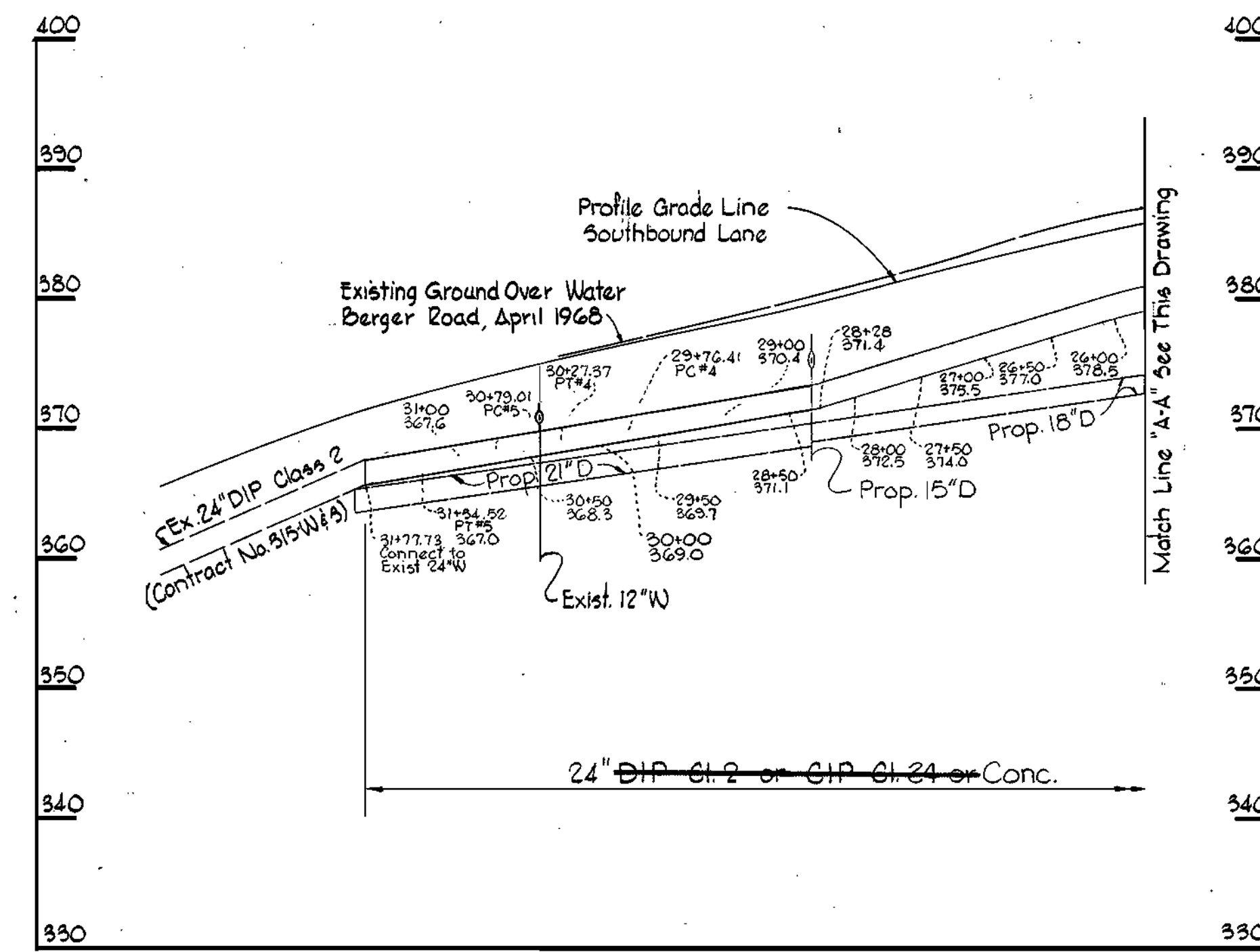
DETAILS OF 20" VERTICAL VALVE VAULT

Scale: 1/2" = 1'-0"



SECTION A-A

SNOWDEN RIVER PARKWAY



Kenneth M. Lord

WS 441-W/6

BRUNING 44-510 14778

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 8-23-71 DATE	CONTRACT NO. C-441-W W. O. Falbert CHIEF - BUREAU OF WATER AND SEWER	PROFILES OF WATER MAINS	ELECTION DISTRICT GULFORD NO. 6	Contract No. C-441-W DRAWING NO. 6 OF 6 SCALE AS SHOWN
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W. O. 6023-2

MAY 22, 1972 AS BUILT