

SHORE VIEW ALLOTMENT

LOCATED IN THE NORTHEAST AND SOUTHEAST
QUARTERS OF SECTION II OF PERRY TWP (T-10,R-9)

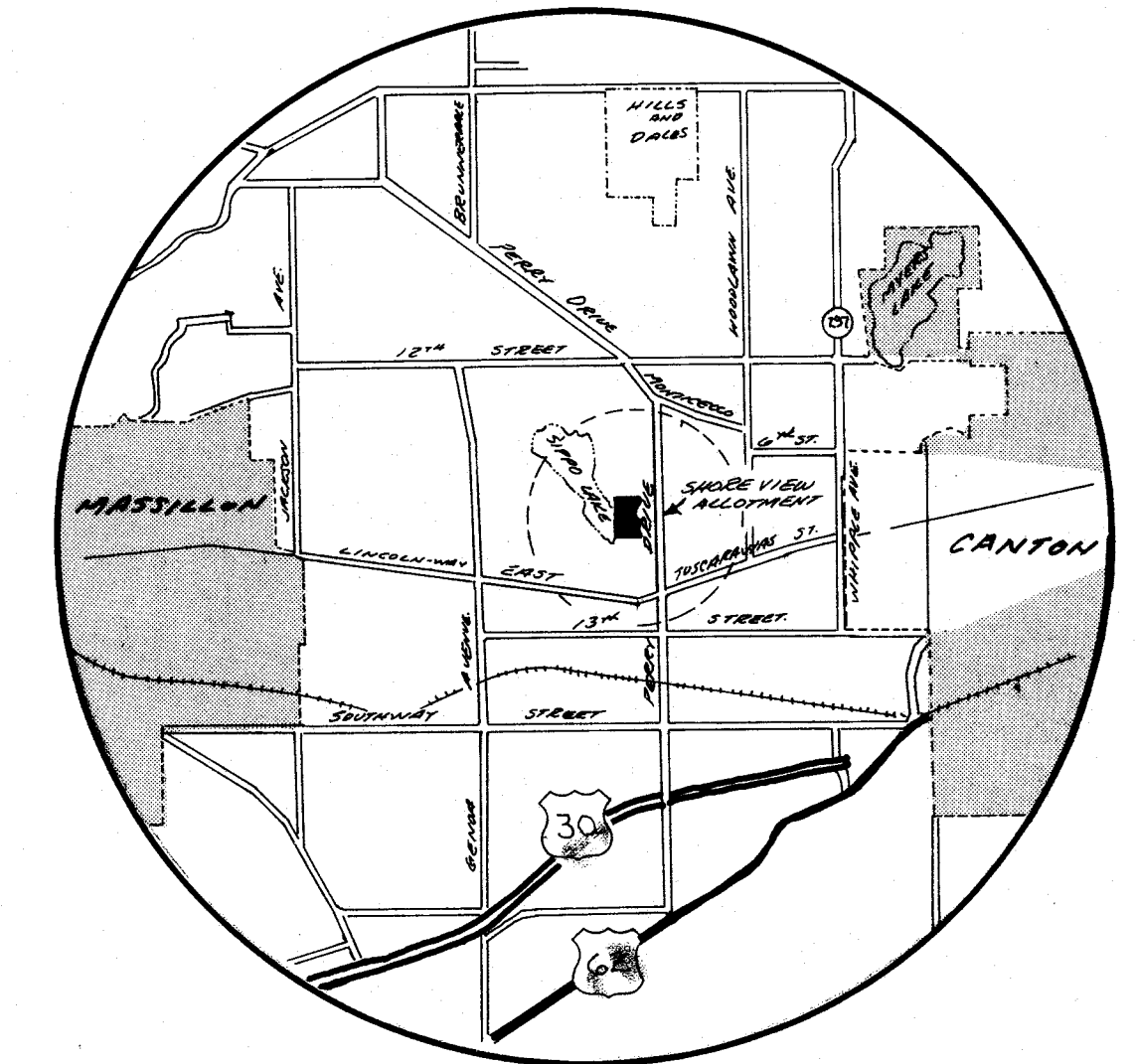
STARK COUNTY, OHIO

MAY, 1976

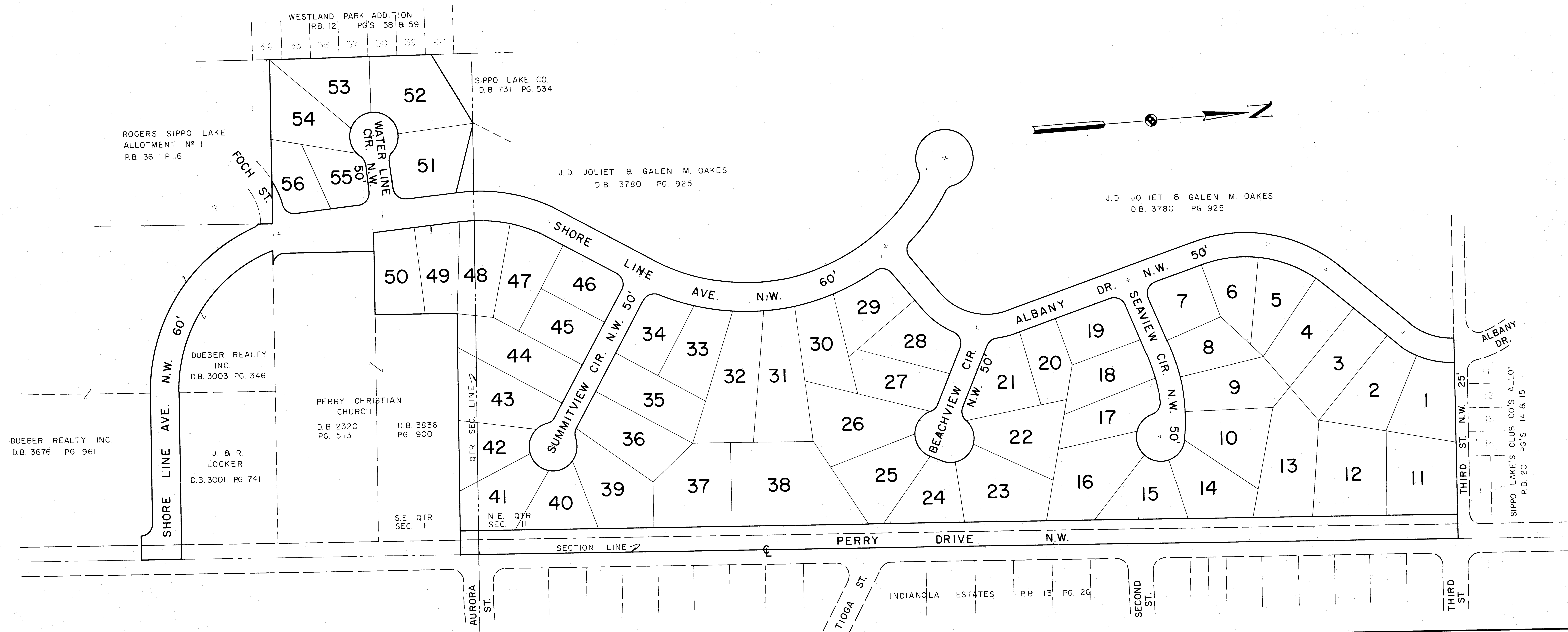
SCALE 1" = 100'

FRIEDL & HARRIS INC.
ENGINEERS & SURVEYORS
NORTH CANTON, OHIO

SHEET N° 1 - ALBANY DRIVE
SHEETS N° 2,3 & 4 - SHORE LINE AVENUE
SHEET N° 5 - SUMMITVIEW CIRCLE
WATER LINE CIRCLE
SHEET N° 6 - SEAVIEW CIRCLE
BEACHVIEW CIRCLE
SHEETS N° 7 & 8 - PERRY DRIVE
SHEET N° 9 - TYPICAL SECTION
ESTIMATED QUANTITIES
CROSS SECTION



VICINITY MAP



PLAN

DATE	BY
SURVEYED	PLOTTED
CHECKED	CHECKED
NO.	NO.

PROFILE

DATE	BY
SURVEYED	PLOTTED
CHECKED	CHECKED
NO.	NO.

NOTE:
ALL LATERALS TO BE 6" V.C.P.
CONSTRUCTED TO 5' BEYOND
THE STREET R/W

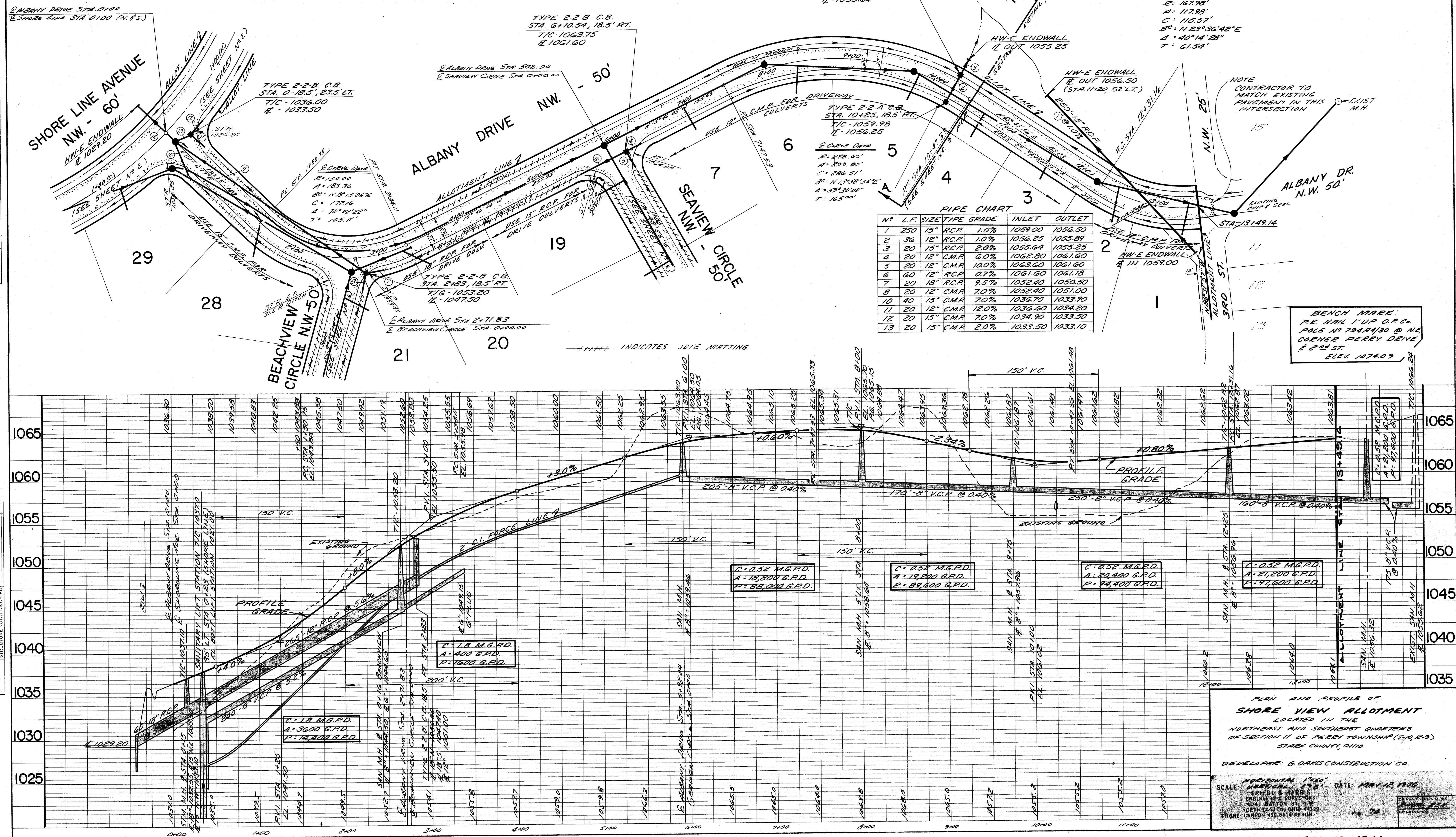
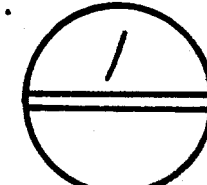
APPROVED THIS _____ DAY OF _____, 1976, BY THE STARK COUNTY
SANITARY ENGINEERING DEPARTMENT.

STARK COUNTY SANITARY ENGINEER

BY _____
DEPUTY ENGINEER

APPROVED BY THE MASSILLON CITY ENGINEER THIS _____ DAY OF _____, 1976.

MASSILLON CITY ENGINEER

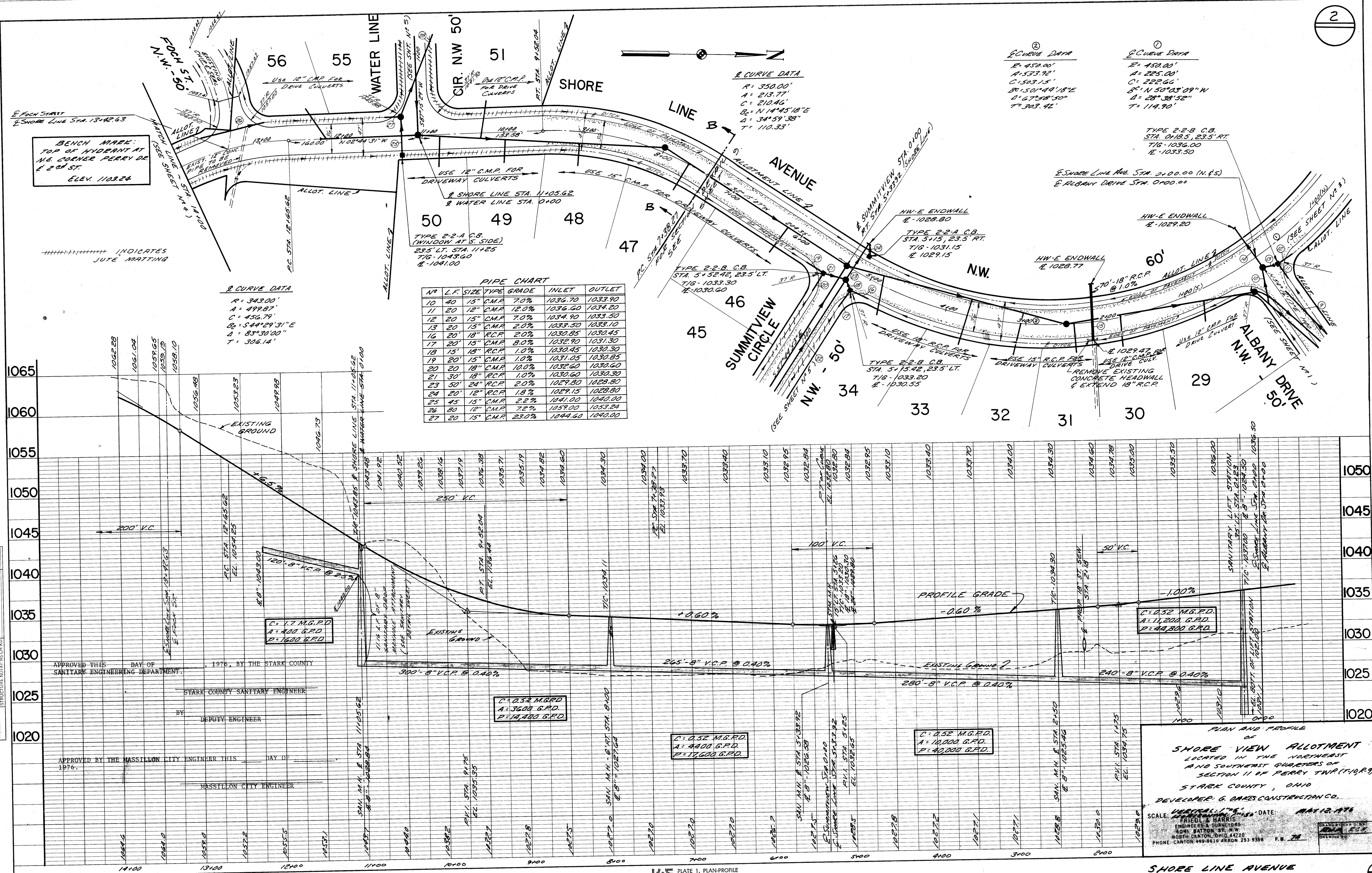


PLAN

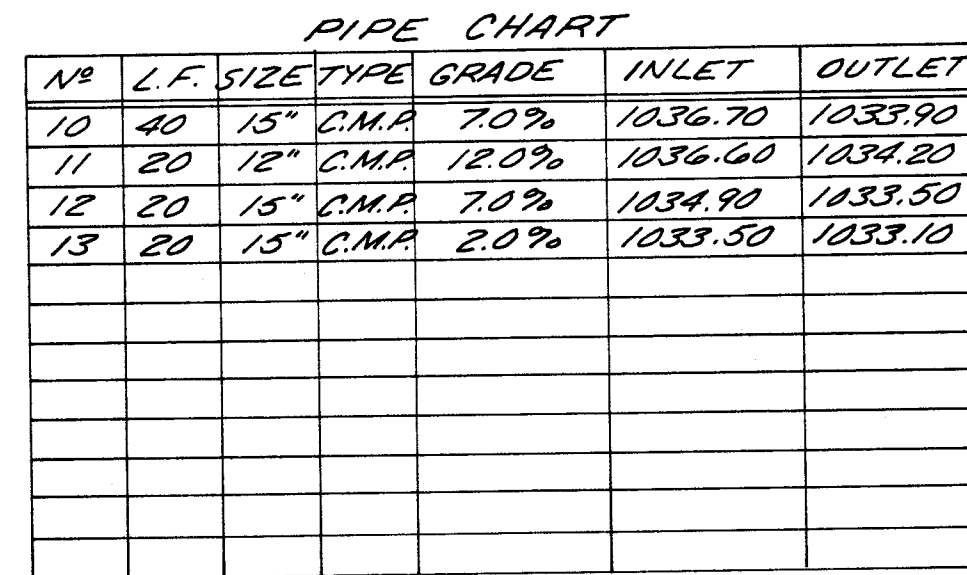
DATE	BY
SURVEYED	NOTED
PLOTTED	CHECKED
NOTE BOOK	RT. OF WAY CHECKED
NO.	

PROFILE

DATE	BY
SURVEYED	NOTED
PLOTTED	CHECKED
NOTE BOOK	STRUCTURE NOTATIONS CHECKED
NO.	

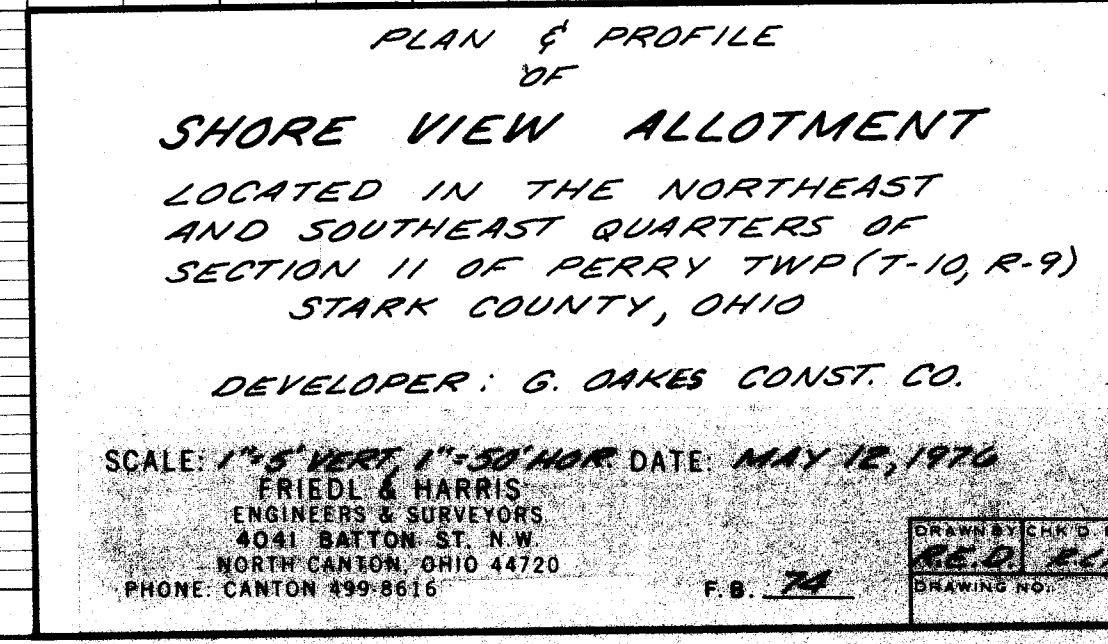


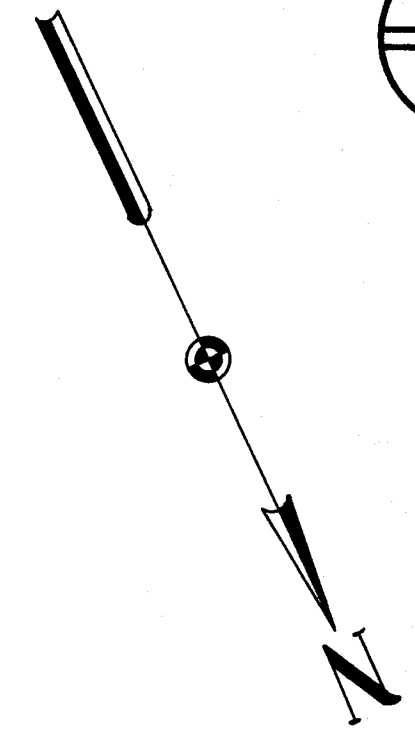
PROFILE		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
	B. M. S. NOTED		



STARK COUNTY SANITARY ENGINEER

BY _____
DEPUTY ENGINEER





APPROVED THIS _____ DAY OF _____, 1976, BY THE STARK COUNTY
SANITARY ENGINEERING DEPARTMENT.

STARK COUNTY SANITARY ENGINEER

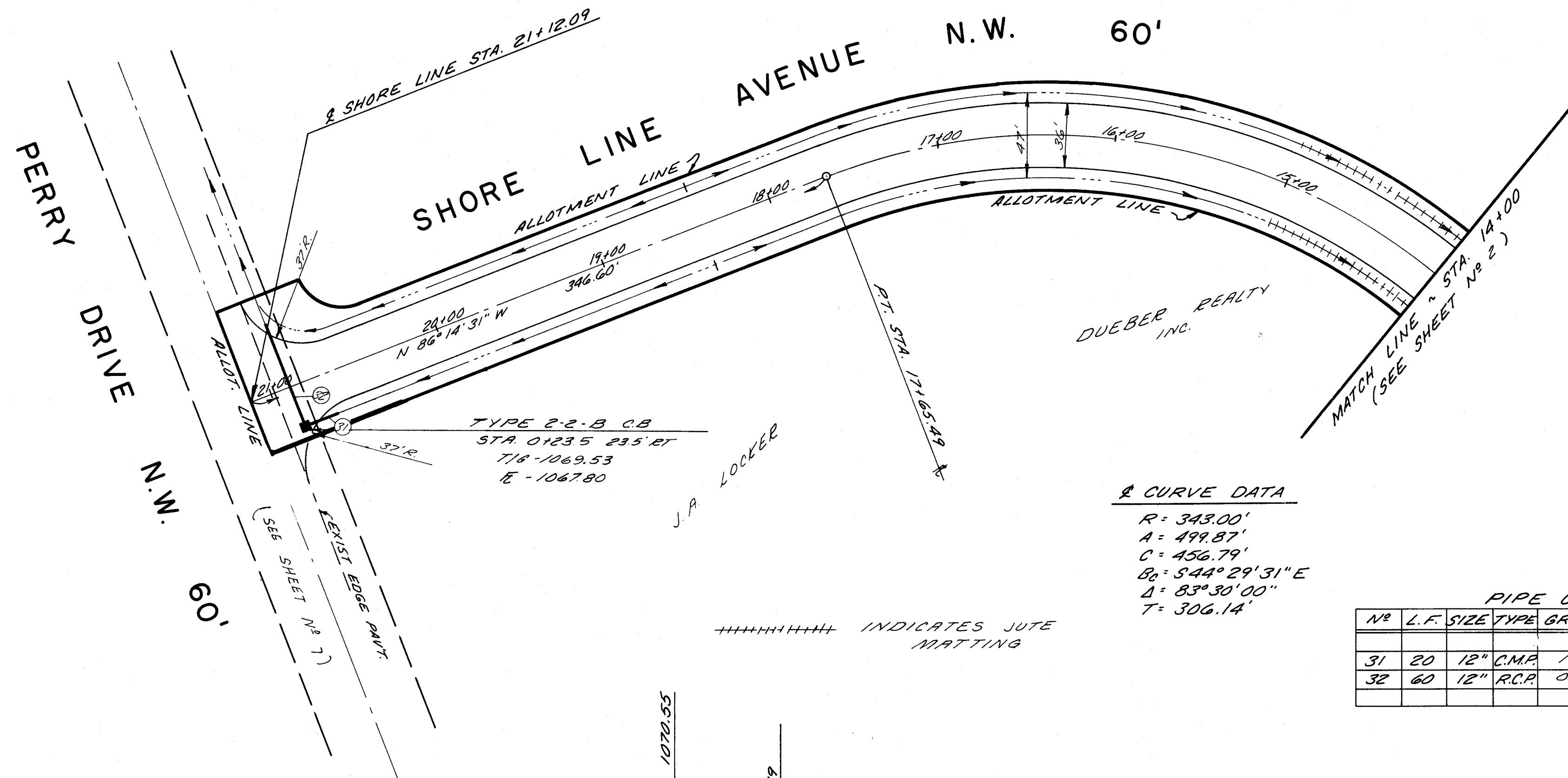
BY _____
DEPUTY ENGINEER

APPROVED BY THE MASSILLON CITY ENGINEER THIS _____ DAY OF _____,
1976.

MASSILLON CITY ENGINEER

PLAN	NO.	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
BY: _____		

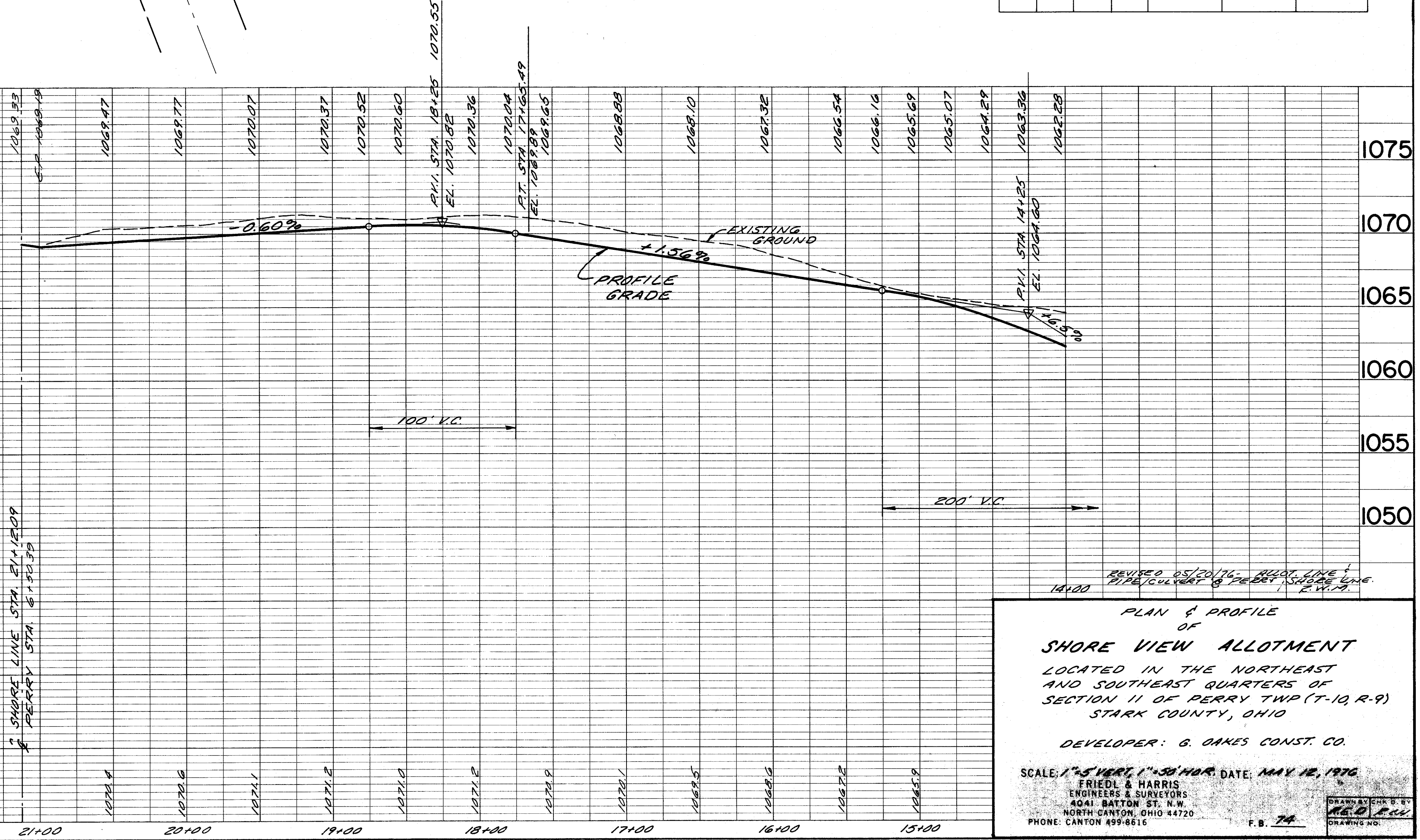
BENCH MARK:
TOP OF HYDRANT ON
EAST SIDE OF PERRY
DRIVE OPPOSITE S.E.
CORNER OF CHURCH
PROPERTY.
ELEV. 1072.20



2 CURVE DATA
R = 343.00'
A = 499.87'
C = 456.79'
B = 544° 29' 31" E
D = 83° 30' 00"
T = 306.14'

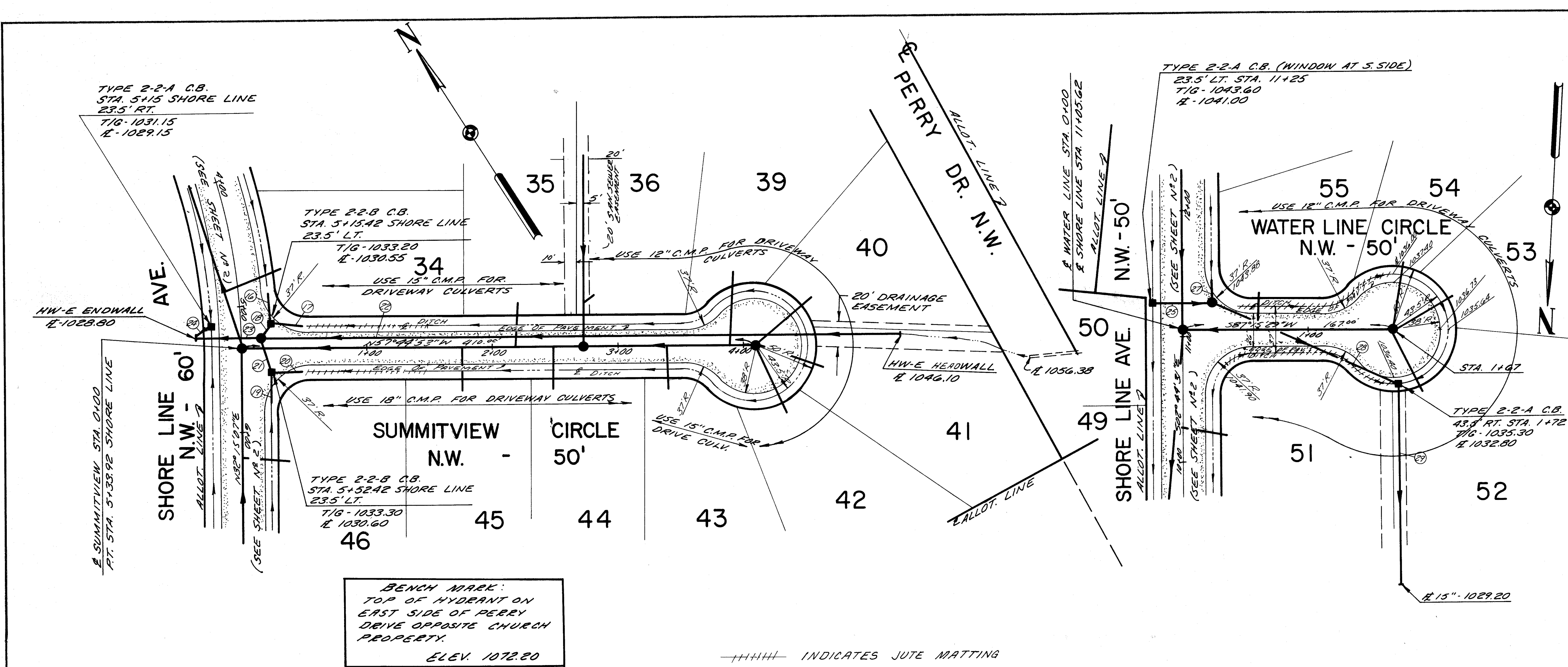
PIPE CHART					
N°	L.F.	SIZE	TYPE	GRADE	
31	20	12"	C.M.P.	1.0 %	1068.00 1067.80
32	60	12"	R.C.P.	0.5 %	1067.80 1067.00

PROFILE	NO.	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
BY: _____		



PLAN	SURVEYED	DATE
NOTE BOOK	FLIPPED	
	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	
	NO.	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
	B. M. S. NOTED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

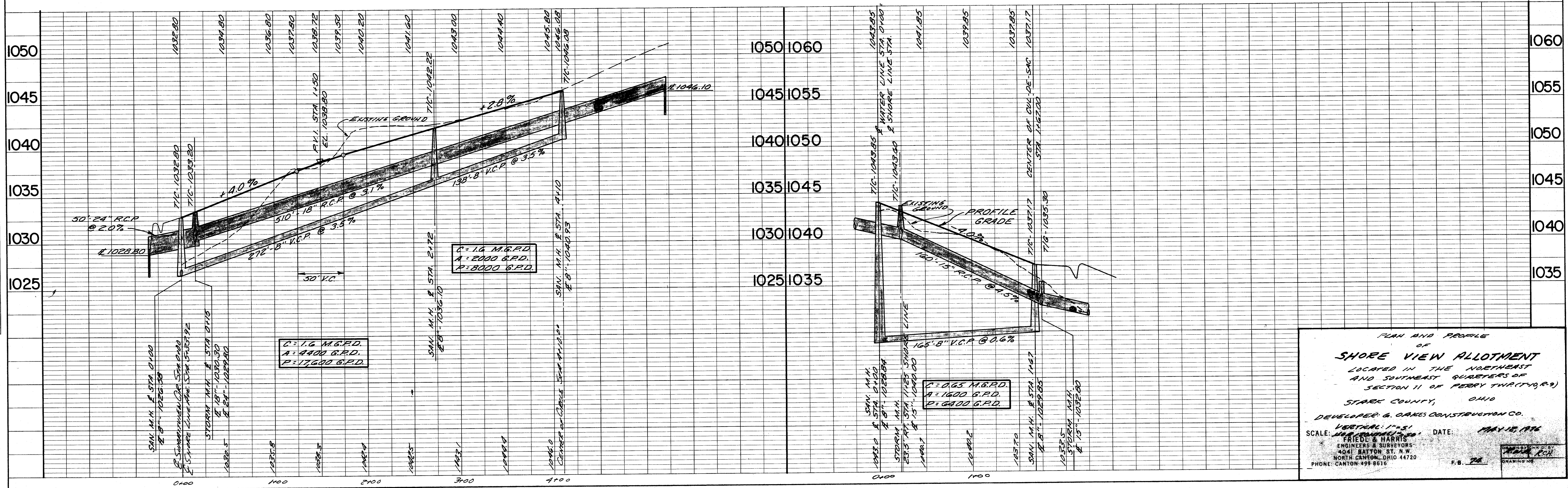


PIPE CHART						
Nº	L.F.	SIZE	TYPE	GRADE	INLET	OUTLET
16	20'	18"	R.C.P.	2.0%	1030.85	1030.45
17	20'	15"	C.M.P.	8.0%	1032.90	1031.30
18	15'	18"	R.C.P.	1.0%	1030.45	1030.30
19	20'	15"	C.M.P.	1.0%	1031.05	1030.55
20	20'	18"	C.M.P.	10.0%	1032.60	1030.60
21	30'	18"	R.C.P.	1.0%	1030.60	1030.30
23	30'	24"	R.C.P.	2.0%	1029.80	1028.80
24	20'	12"	R.C.P.	1.8%	1029.15	1028.80
25	45'	15"	C.M.P.	2.2%	1041.00	1040.00
27	20'	15"	C.M.P.	23.0%	1044.60	1040.00
29	160'	15"	R.C.P.	2.3%	1032.80	1029.20

APPROVED THIS _____ DAY OF _____, 1976, BY THE STARK COUNTY
SANITARY ENGINEERING DEPARTMENT.

STARK COUNTY SANITARY ENGINEER
BY _____
DEPUTY ENGINEER
APPROVED BY THE MASSILLON CITY ENGINEER THIS _____ DAY OF _____,
1976.

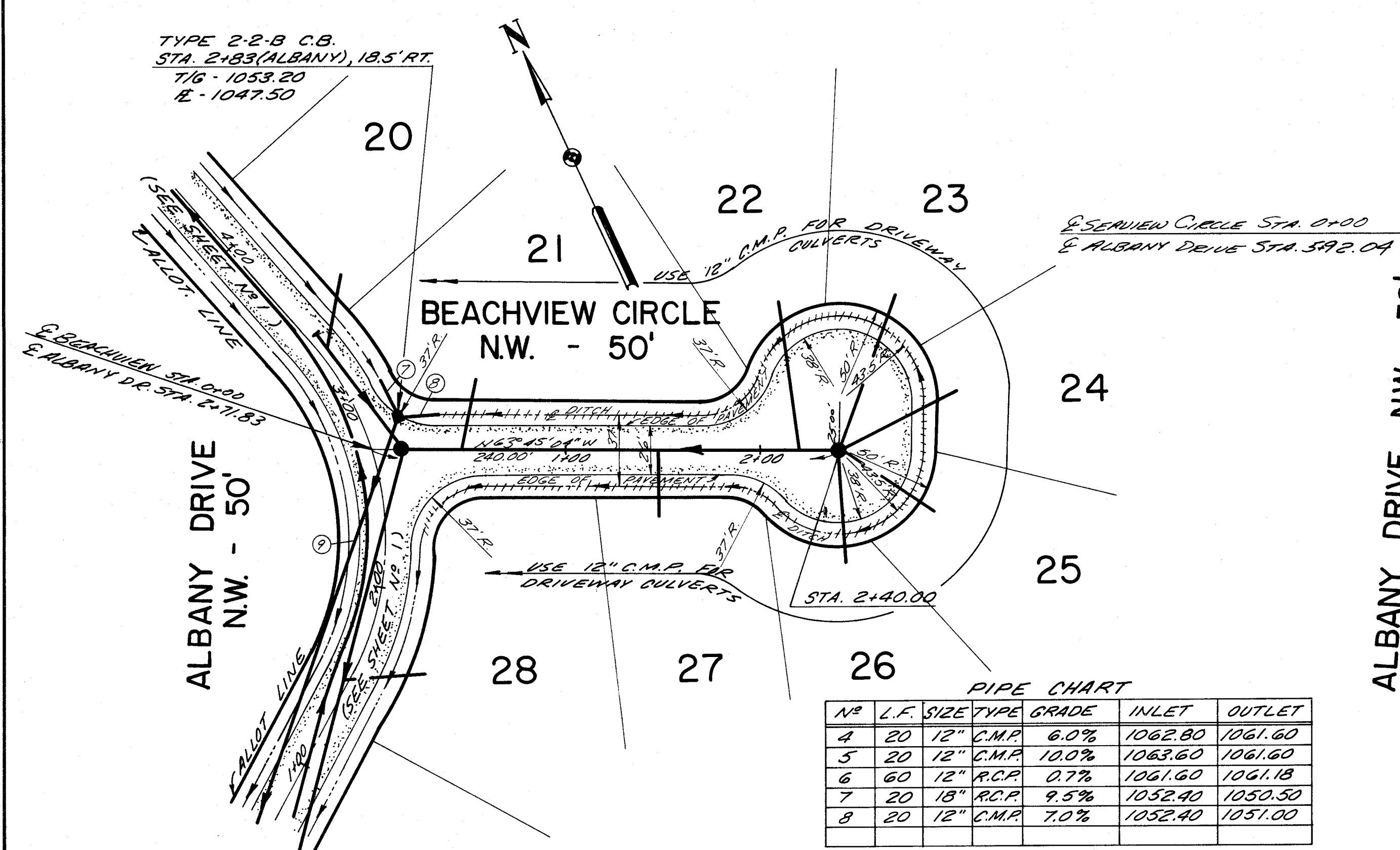
MASSILLON CITY ENGINEER



PLAN AND PROFILE
OF
SHORE VIEW ALLOTMENT
LOCATED IN THE NORTHWEST
AND SOUTHEAST QUARTERS OF
SECTION 11 OF PERRY TWP. (T40R2)
STARK COUNTY, OHIO
DEVELOPER: G. OAKES CONSTRUCTION CO.
VERTICAL: 1"=5'
SCALE: 1"=5' DATE: MAY 15, 1976
FRIEDL & HARRIS
ENGINEERS & SURVEYORS
4041 BAYTON ST. N.W.
NORTH CANTON, OHIO 44720
PHONE: CANTON 499-8616
F.B. 72

PLAN

SURVEYED	BY	DATE
NOTE BOOK		
GRADES CHECKED		
RT. OF WAY CHECKED		
NO.		



APPROVED THIS _____ DAY OF _____, 1976, BY THE STARK COUNTY
SANITARY ENGINEERING DEPARTMENT.

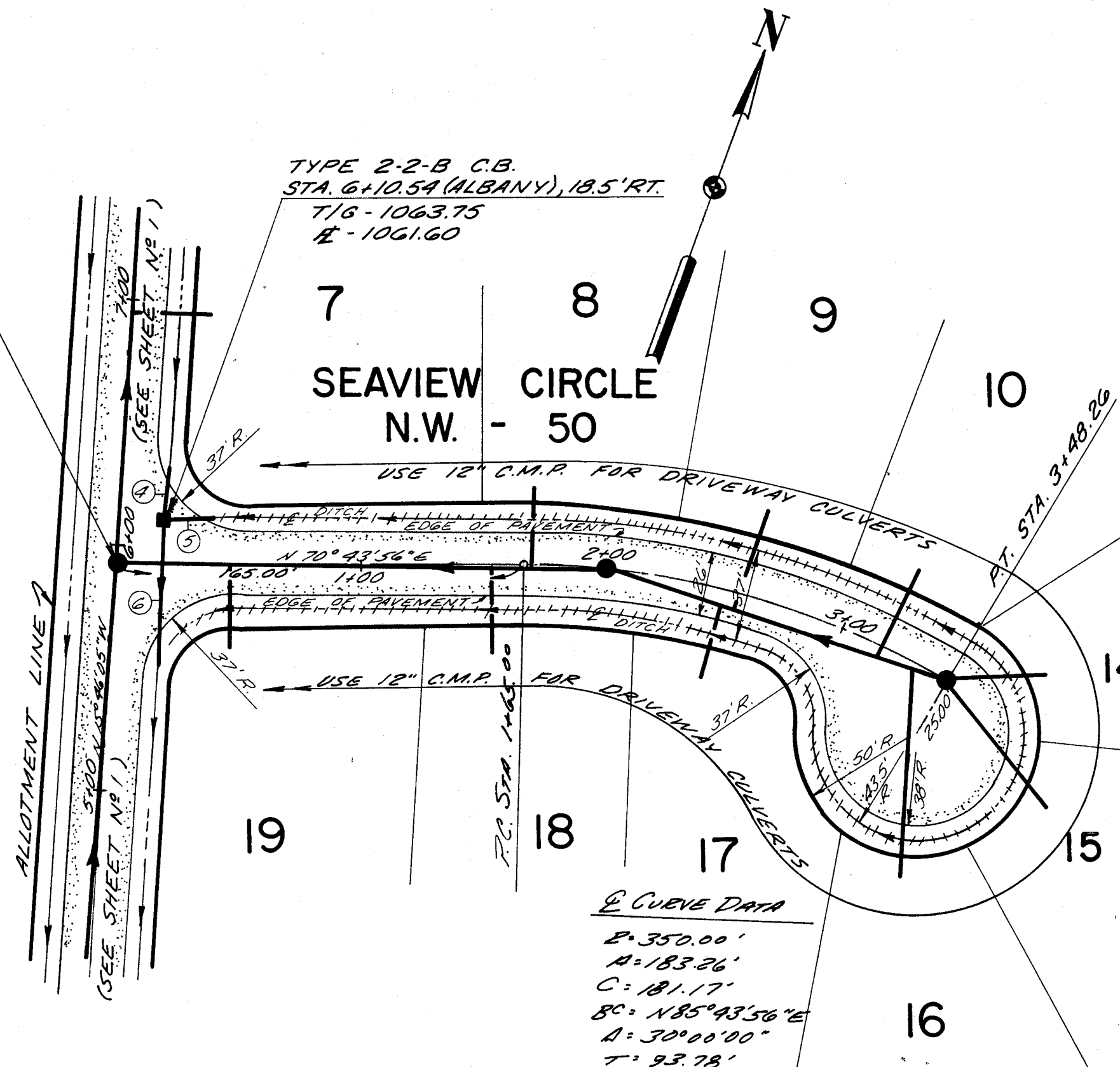
STARK COUNTY SANITARY ENGINEER

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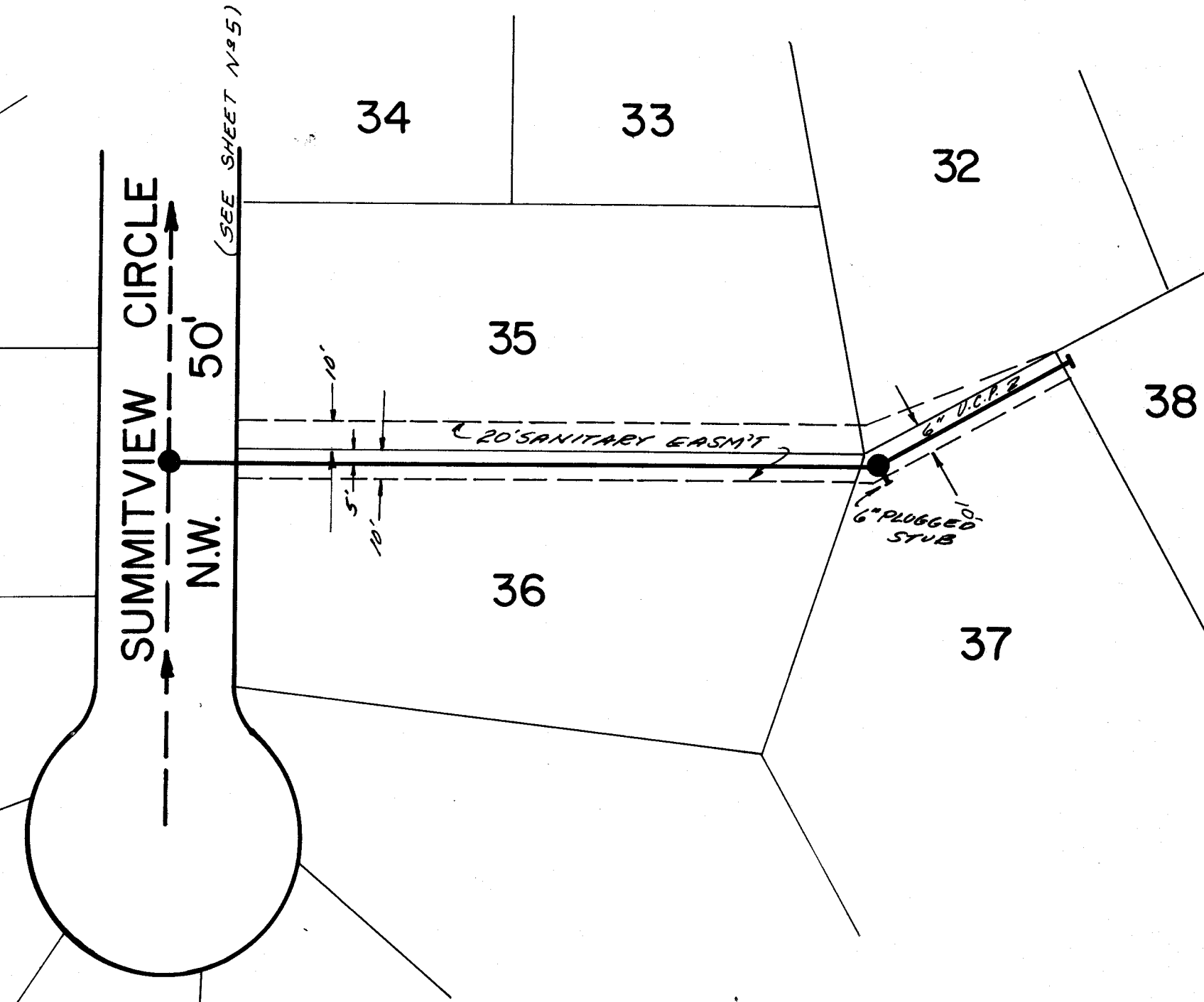
APPROVED BY THE MASSILLON CITY ENGINEER THIS _____ DAY OF _____, 1976.

MASSILLON CITY ENGINEER

ALBANY DRIVE NW - 50'

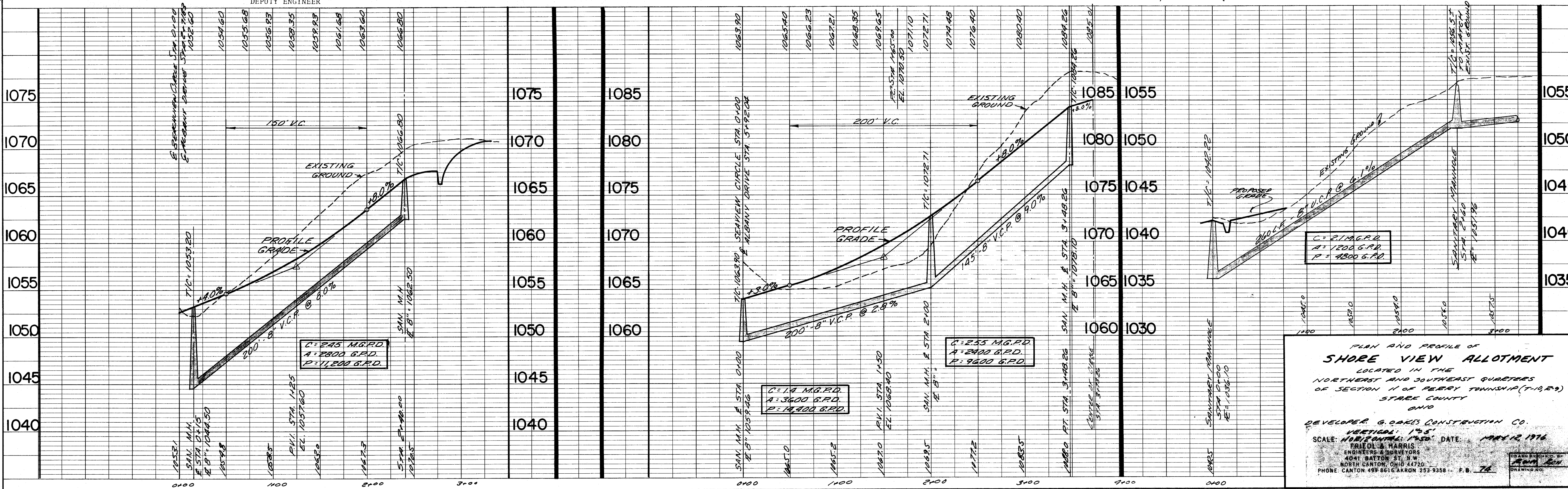


BENCH MARK:
TOP OF HYDRANT AT
NE CORNER PERRY
DRIVE & 2ND ST. NW.
ELEV. 1103.24



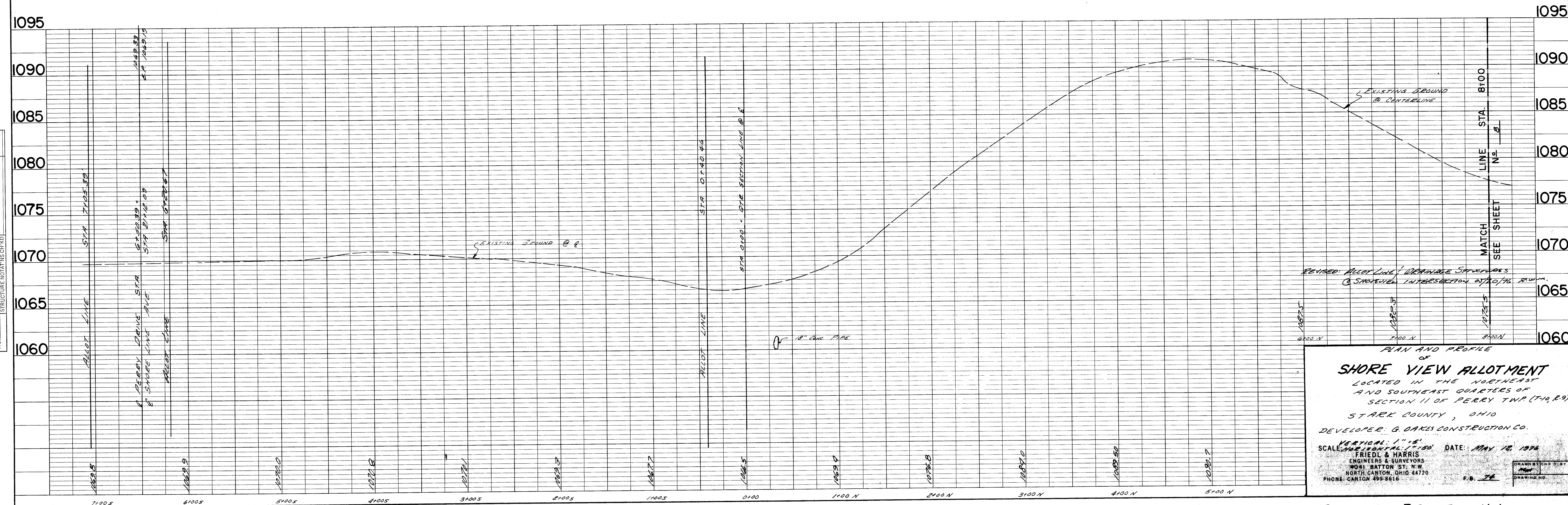
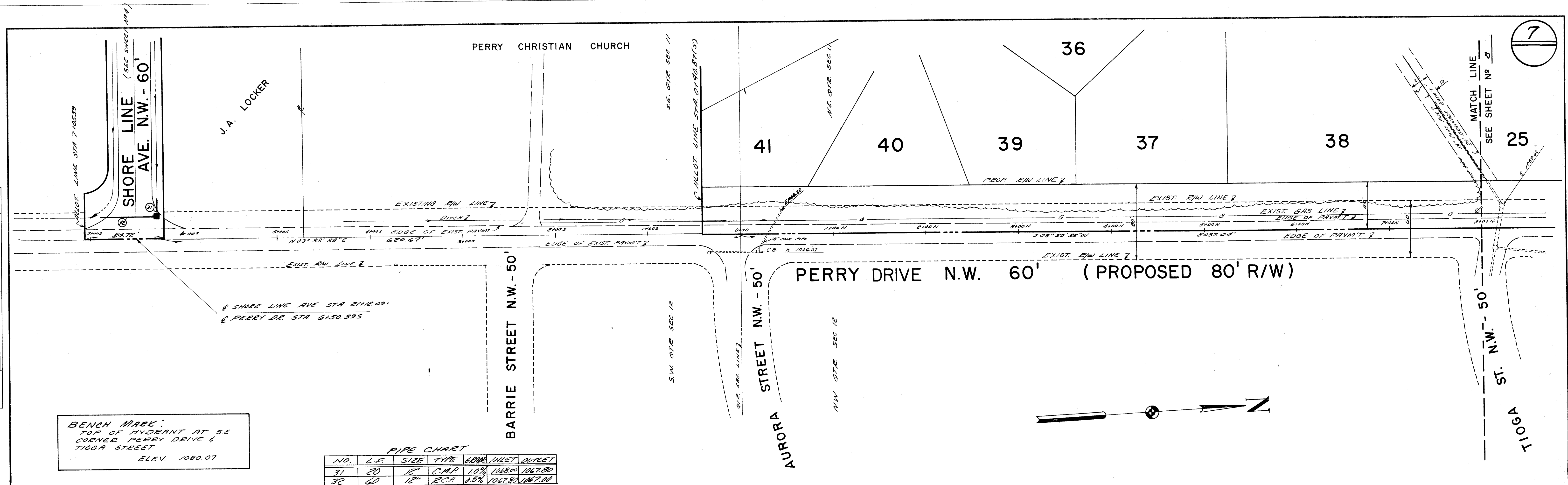
PROFILE

SURVEYED	BY	DATE
NOTE BOOK		
GRADES CHECKED		
B. M.'S. NOTED		
STRUCTURE NOTATIONS		
NO.		



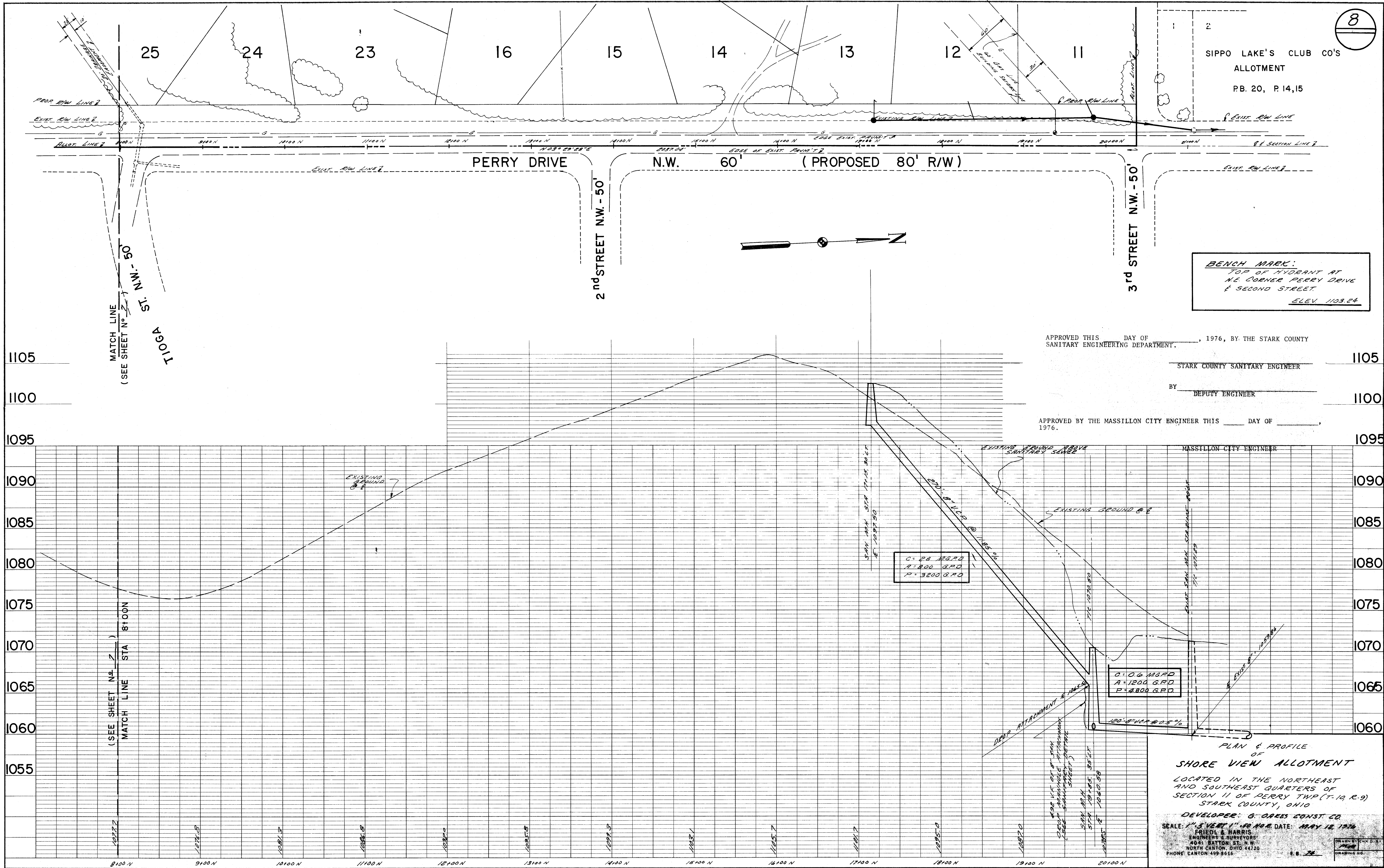
PLAN	SURVEYED	DATE
	BY	
	NOTED	
	NO.	

PROFILE	SURVEYED	DATE
	BY	
	NOTED	
	NO.	

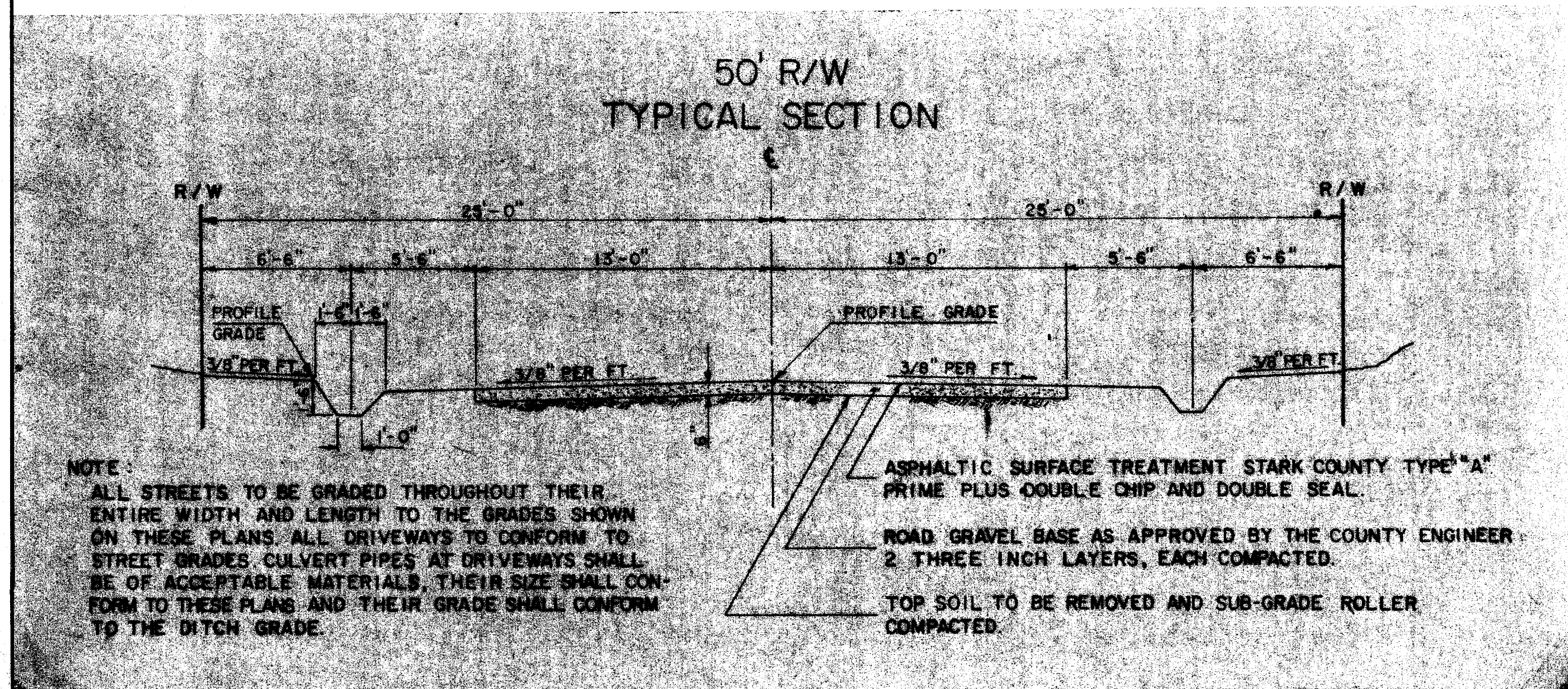
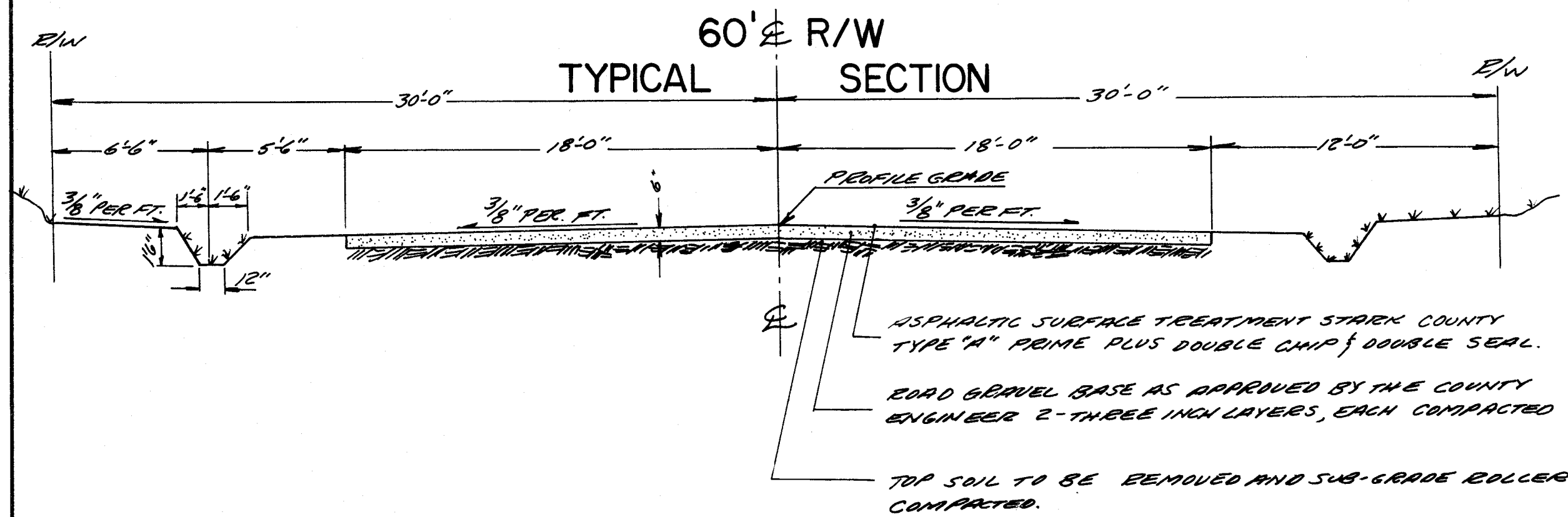


PLAN	SURVEYED	DATE
	BY	
NO. 1	PLOTTED	
	NOTED	
NO. 2	CHECKED	
	BY	

PROFILE	SURVEYED	DATE
	BY	
NO. 1	PLOTTED	
	NOTED	
NO. 2	CHECKED	
	BY	



PLAN	DATE	
	BY	
	SURVEYED	
	PLOTTED	
NOTE BOOK		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
NO.		



ROAD DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER ARE STRICTLY PROHIBITED.

ESTIMATED QUANTITIES

Item*	Quantity	Unit	Description
EARTHWORK AND ROAD PAVING			
203	8,350	C.Y.	Excavation
203	29,650	C.Y.	Embankment
203	16,190	S.Y.	Subgrade Preparation
304	8,348	C.Y.	6" Aggregate Base
408 &			
409	16,190	S.Y.	Bituminous Surface Treatment **
DRAINAGE STRUCTURES			
604	14.0	V.F.	(4) Storm Manholes-Complete
604	12.0	V.F.	(4) Type 2-2-A Catch Basins
604	16.0	V.F.	(6) Type 2-2-B Catch Basins
603	200	L.F.	12" Corrugated Metal Pipe
603	185	L.F.	15" Corrugated Metal Pipe
603	20	L.F.	18" Corrugated Metal Pipe
603	176	L.F.	12" Reinforced Concrete Pipe
603	590	L.F.	15" Reinforced Concrete Pipe
603	990	L.F.	18" Reinforced Concrete Pipe
603	50	L.F.	24" Reinforced Concrete Pipe
602	7	Each	HW-E Headwall
667	1,800	S.Y.	Jute Matting

SANITARY STRUCTURES ***

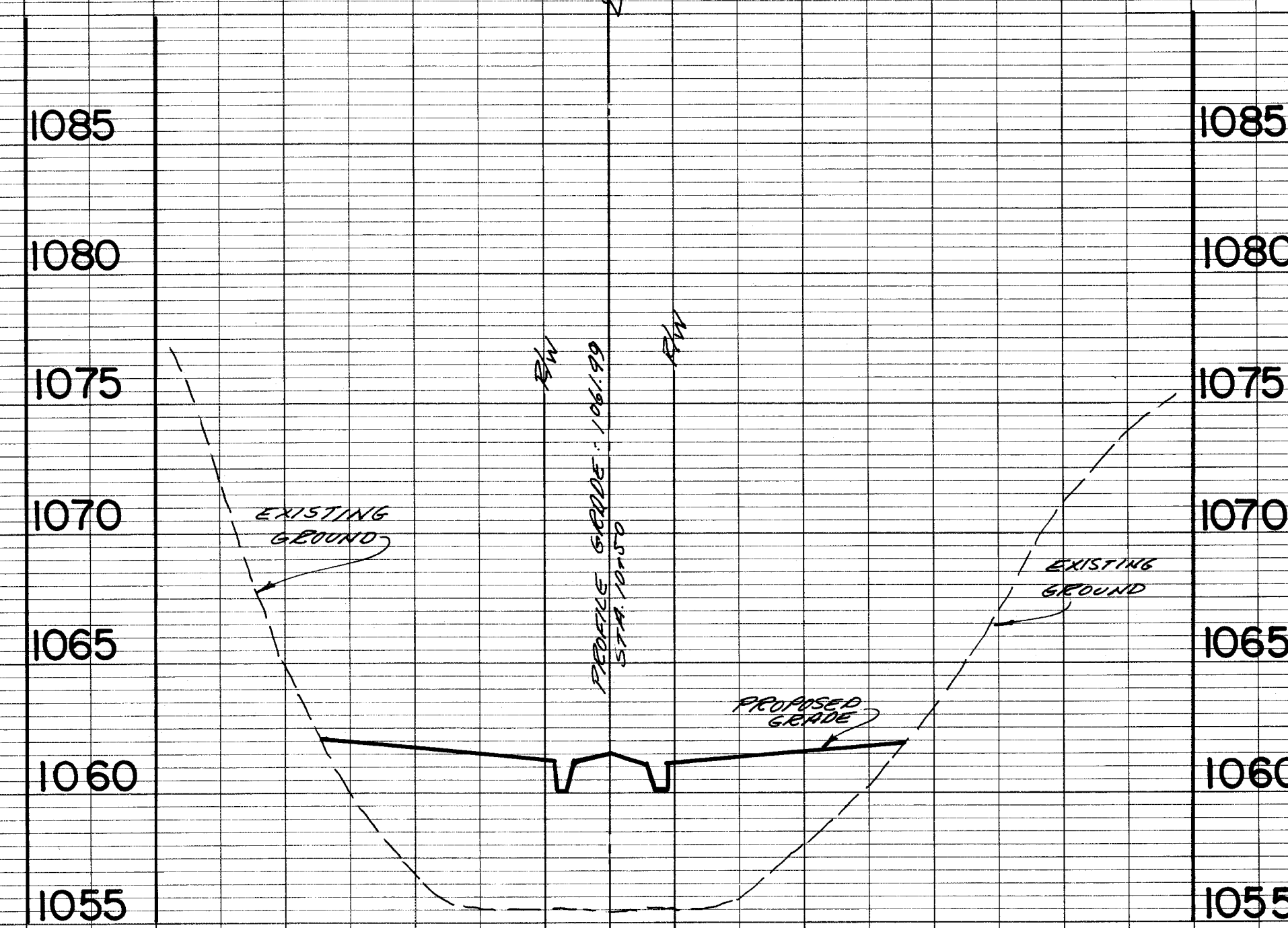
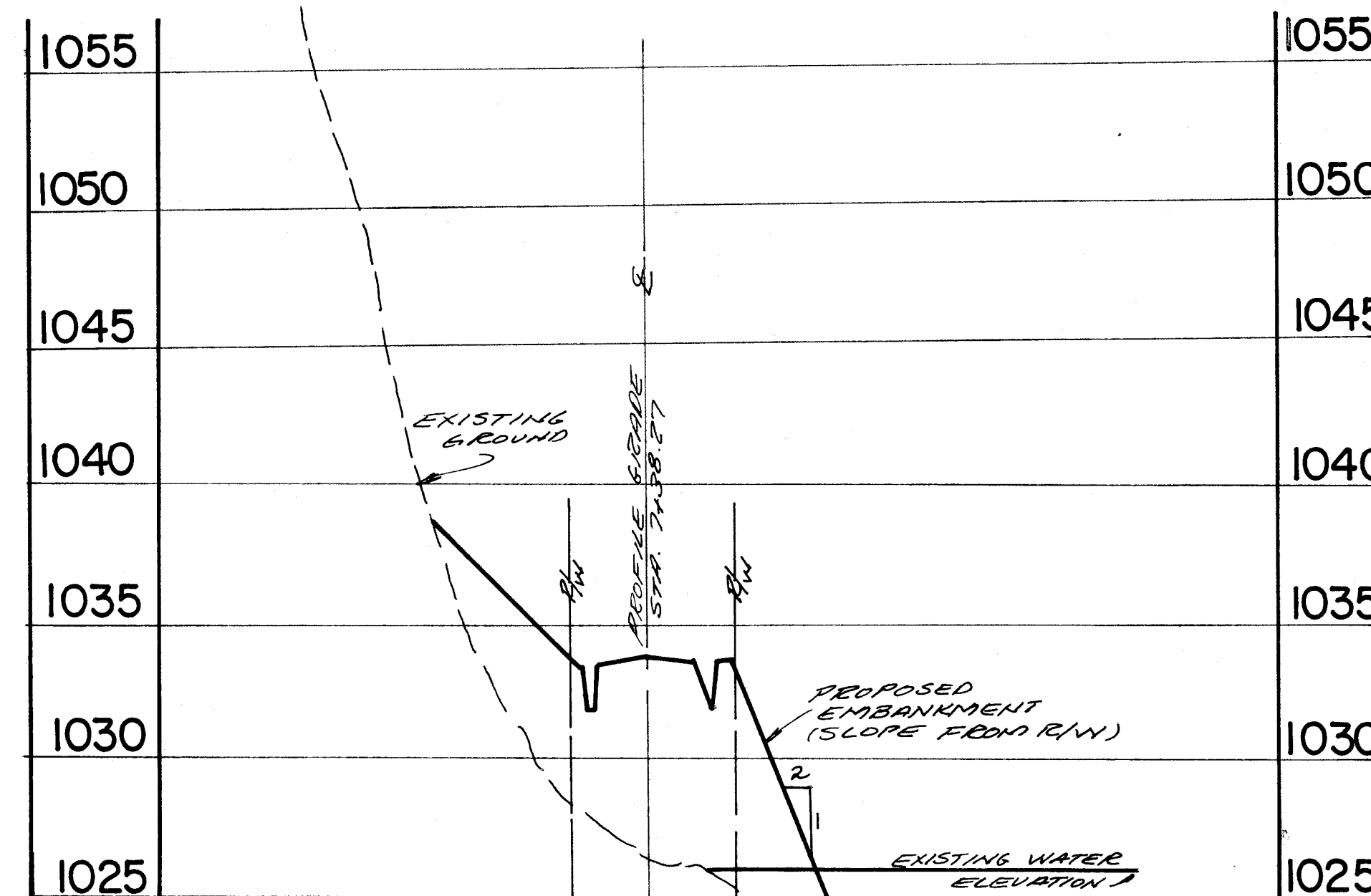
130	V.F.	(19) Manholes - Complete
4,160	L.F.	8" Vitrified Clay Pipe
2,290	L.F.	6" Vitrified Clay Pipe
45	Each	6" x 8" Tee/Wye w/ Plugs
1	Each	6" x 6" Tee/Wye w/ Plug
2	Each	6" Plugged Stub
1	Each	8" Plugged Stub
20	V.F.	(2) Drop Manhole
540	L.F.	3" Cast Iron Force Line
1	Each	Lift Station

* "Construction and Material Specifications" - Ohio Department of Transportation - Columbus, Ohio, January, 1975.

** Bituminous Surface Treatment to be Type A - Prime - Double Chip and Double Seal.

*** These items to be constructed in conformance with the "Stark County Specifications for the Construction of Sewer and Water Lines" on file at the office of the Stark County Sanitary Engineer.

PROFILE	DATE	
	BY	
	SURVEYED	
	PLOTTED	
NOTE BOOK		
GRADES CHECKED		
S. M. NOTED		
STRUCTURE LOCATIONS CHECKED		
NO.		



PLAN AND PROFILE OF SHORE VIEW ALLOTMENT

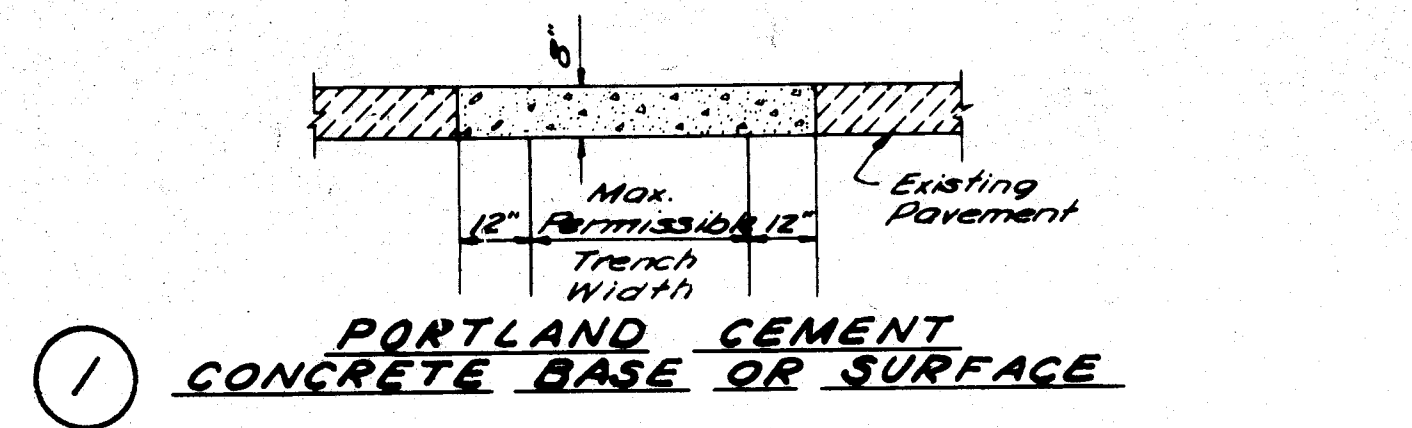
LOCATED IN THE NORTHEAST AND SOUTHWEST QUARTERS OF SECTION 11 OF PERRY TOWNSHIP (T.14,R.9) STARK COUNTY, OHIO

DEVELOPER: G. OAKS CONSTRUCTION CO.

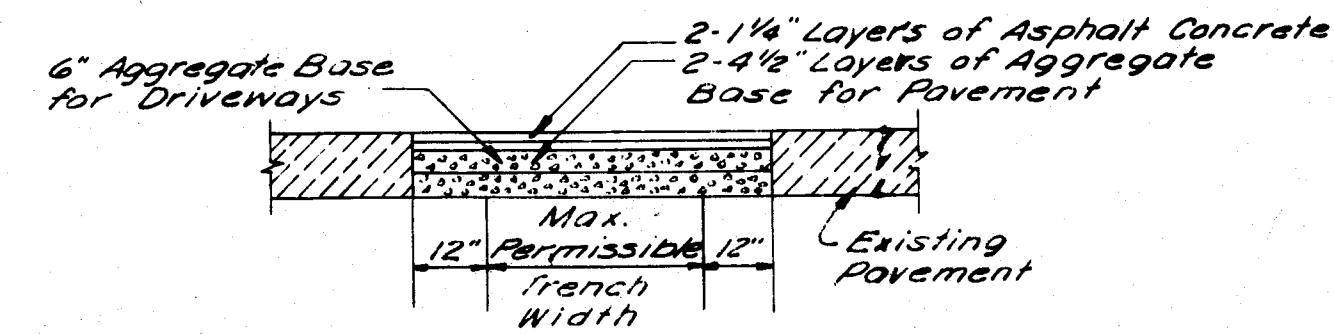
SCALE: HORIZONTAL 1"=50' VERTICAL 1"=5' DATE: MAY 12, 1976

ENGINEERS & SURVEYORS
FRIEDL & HARRIS
4041 BATTON ST. N.W.
NORTH CANTON, OHIO 44720
PHONE: CANTON 498-8616

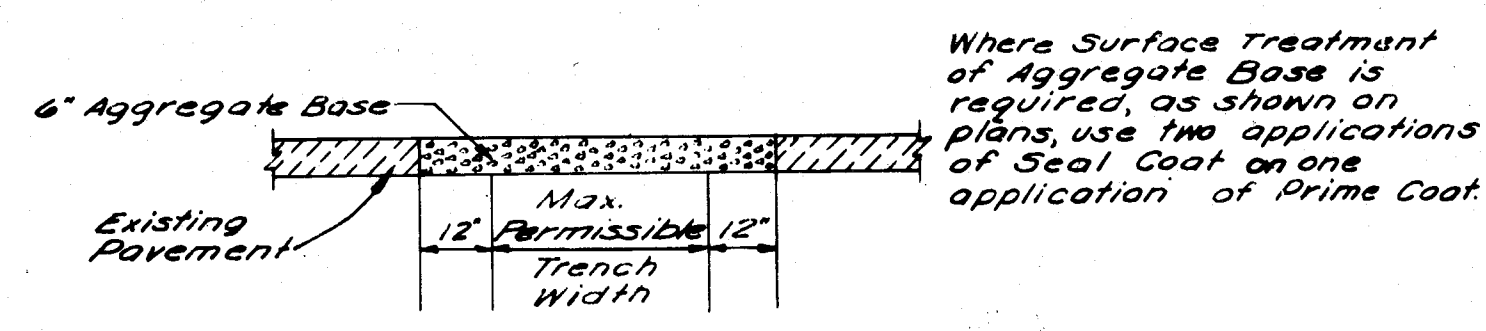
DRAWING NO. 9



② **ASPHALT CONCRETE SURFACE COURSE
PORTLAND CEMENT CONCRETE BASE COURSE**

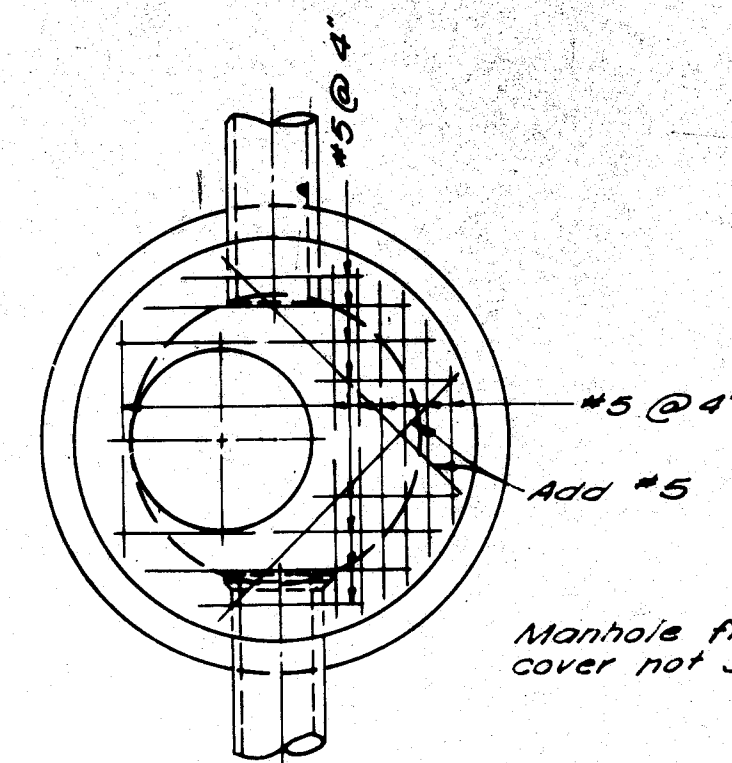


③ **ASPHALT CONCRETE SURFACE COURSE
AGGREGATE BASE COURSE**

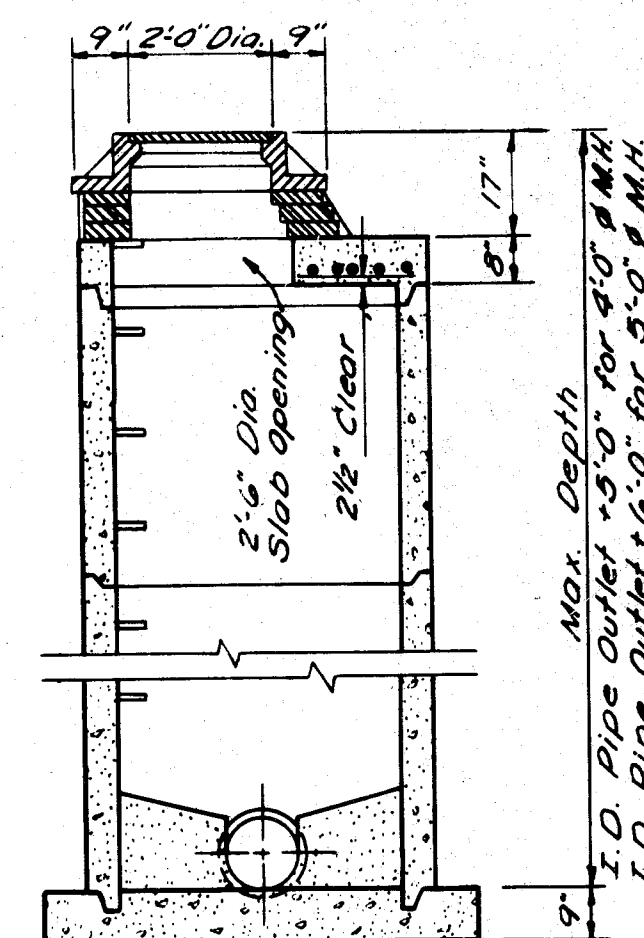


④ **TYPICAL PAVEMENT
REPLACEMENT SECTIONS**

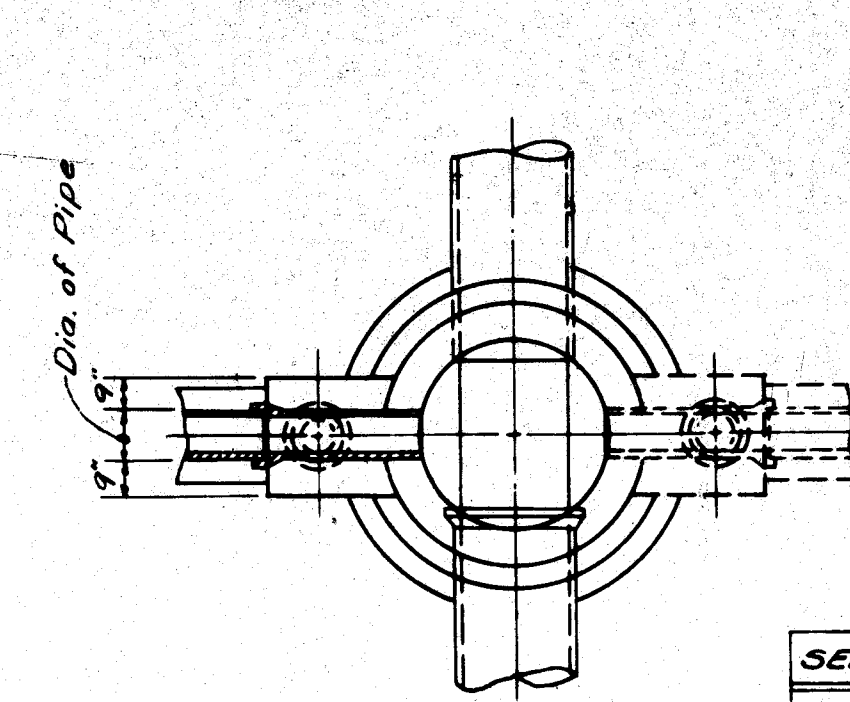
NOTE:
PAVEMENT PAYMENT LIMITS
13 I.D. OF PIPE PLUS 4'-0"



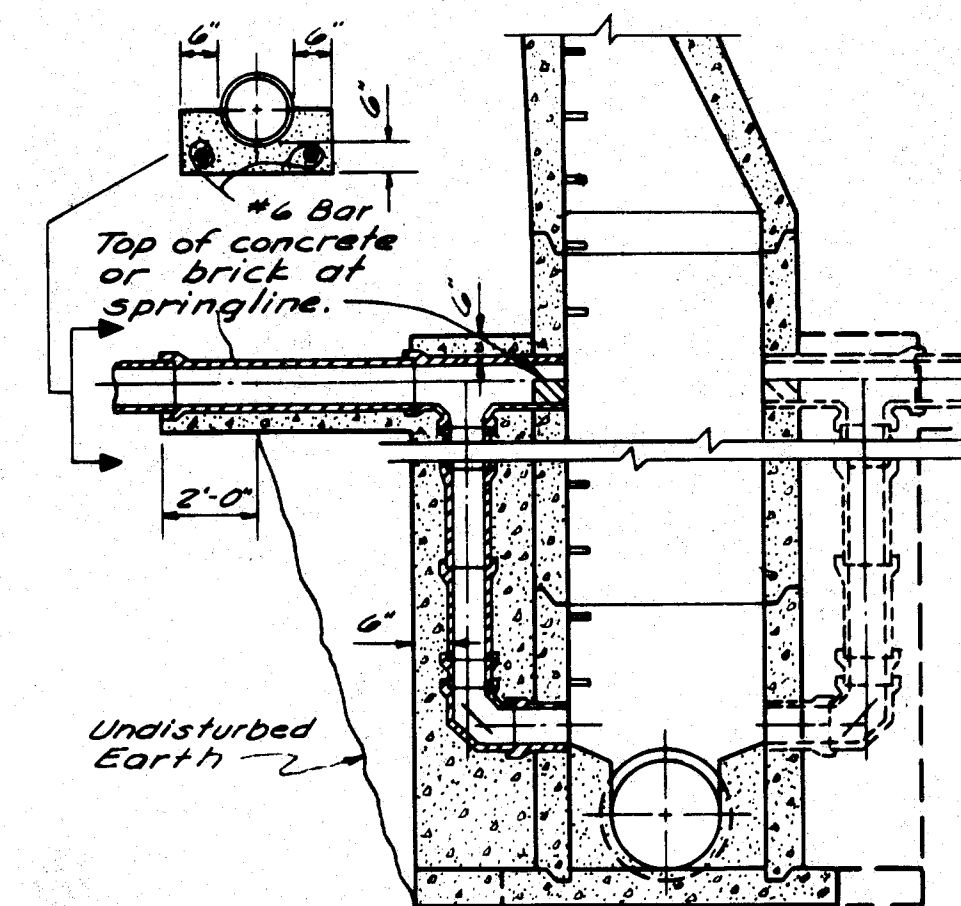
PLAN



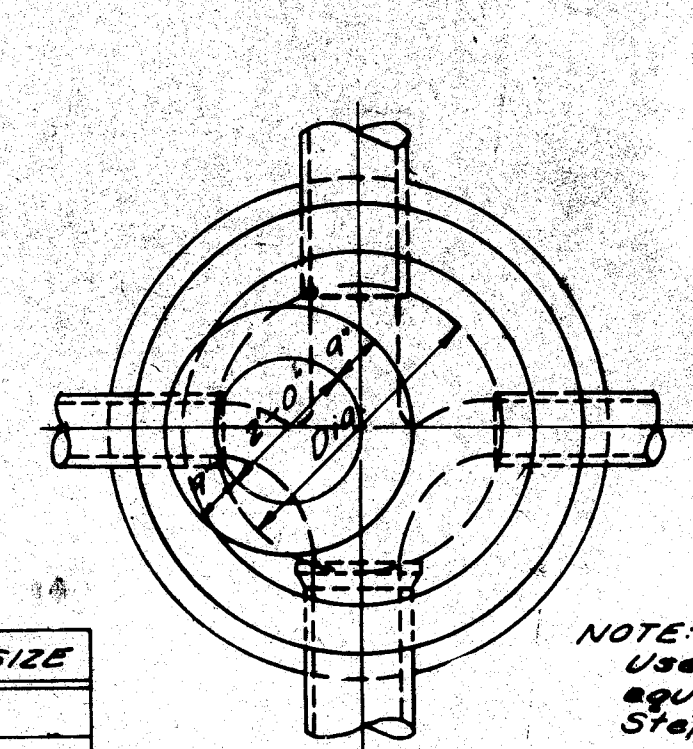
**SECTION
SHALLOW MANHOLE**



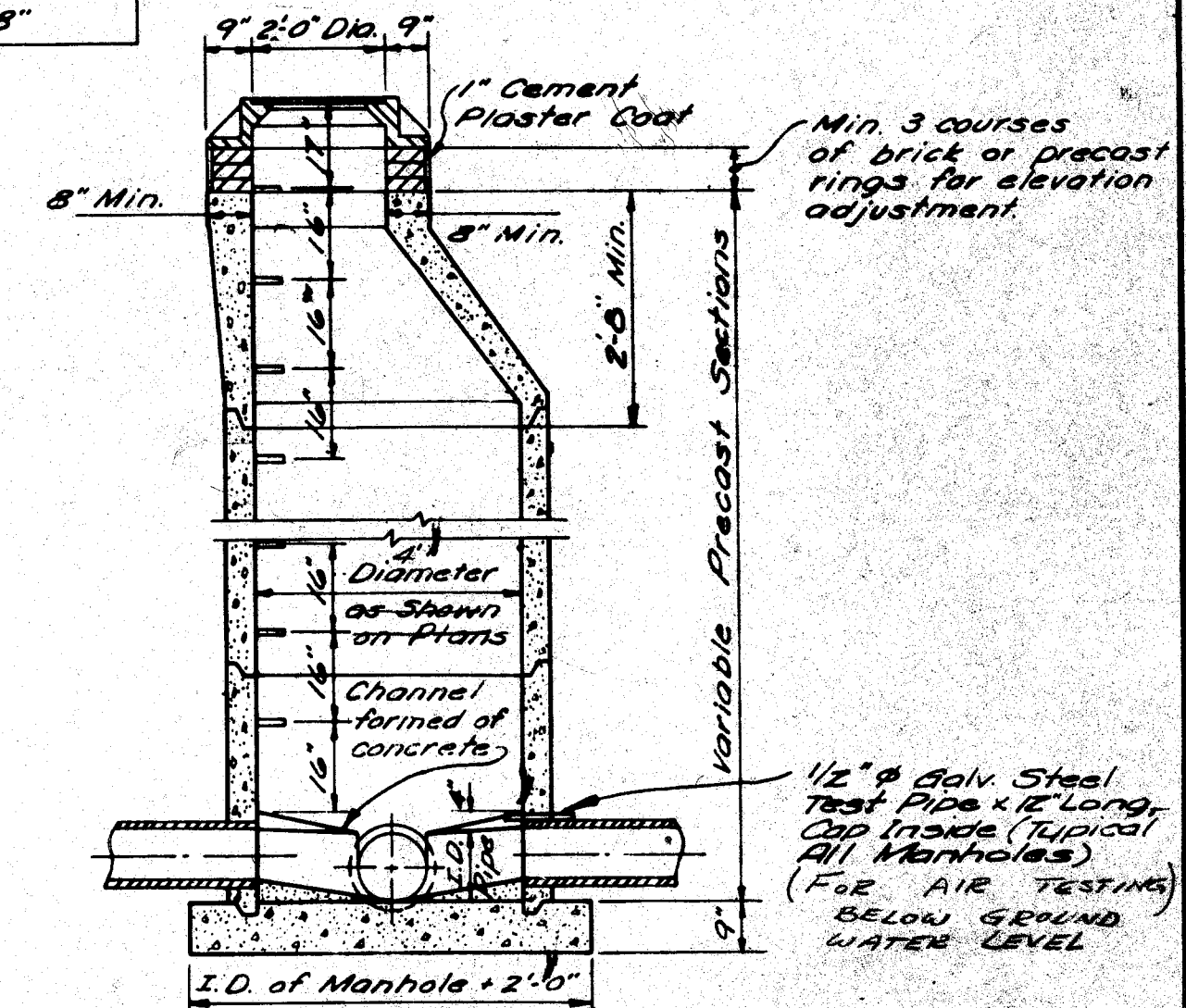
PLAN



**SECTION
DROP MANHOLE**



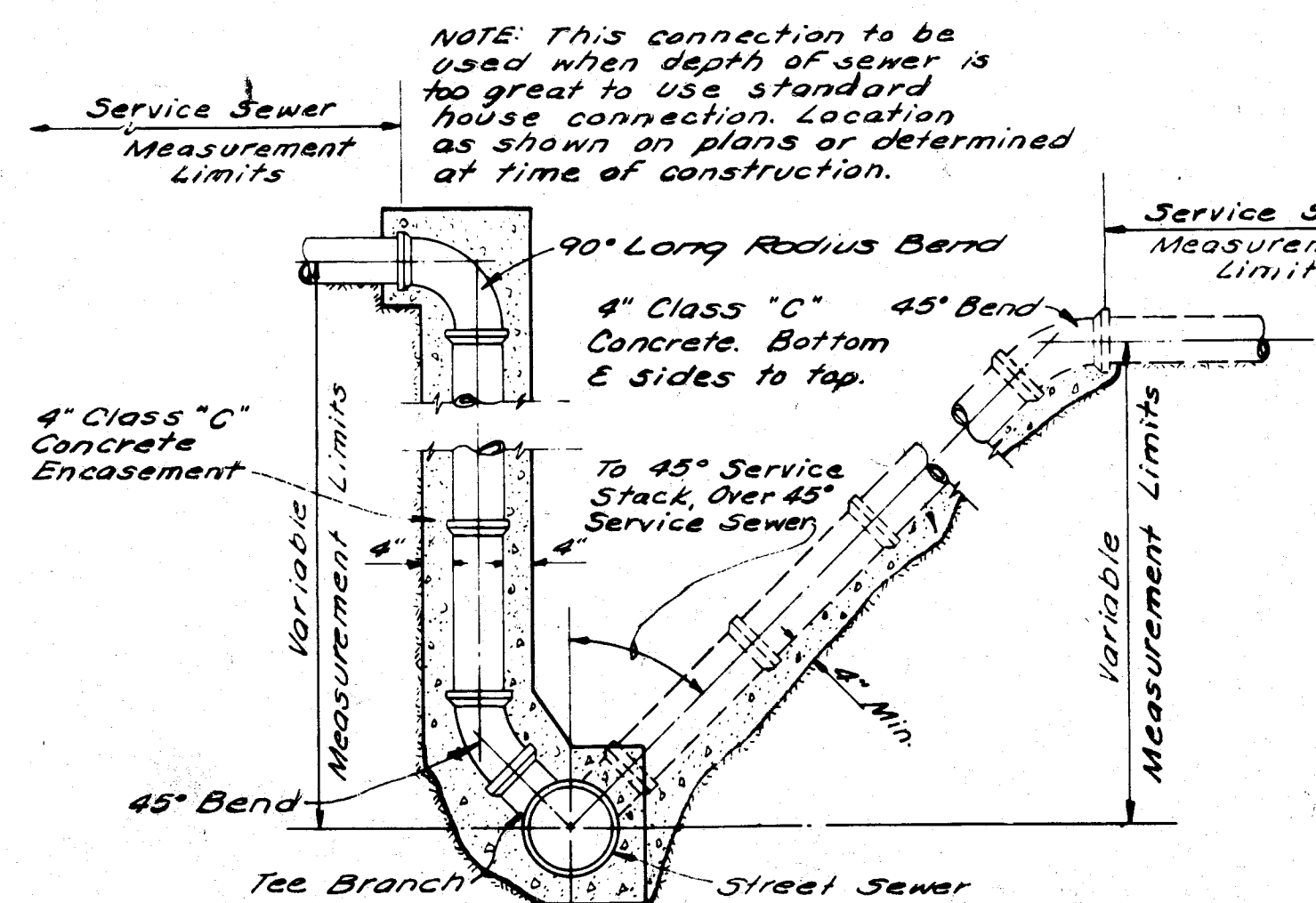
PLAN



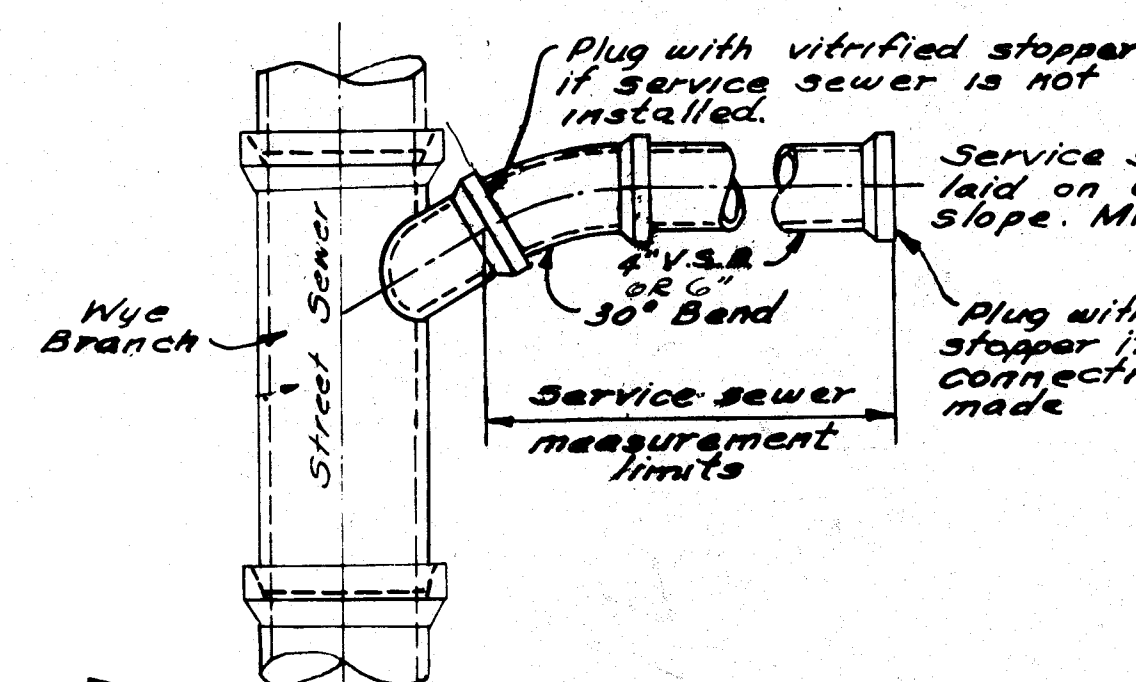
**SECTION
PRECAST MANHOLE**

SEWER SIZE	DROP SIZE
8"	8"
10"	10"
12"-15"-18"	12"
21"-24"	15"
27"-30"-36"	18"

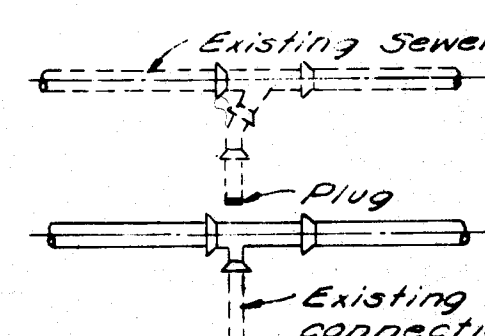
NOTE:
ROOF DRAINS, FOUNDATION DRAINS,
/ OTHER CLEAN WATER CONNECTIONS
TO THE SANITARY SEWER SYSTEMS
ARE PROHIBITED.



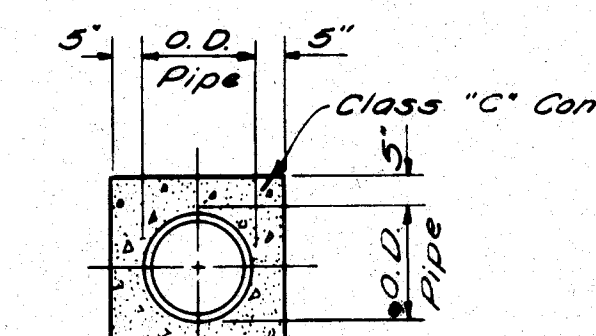
TYPICAL SERVICE STACK



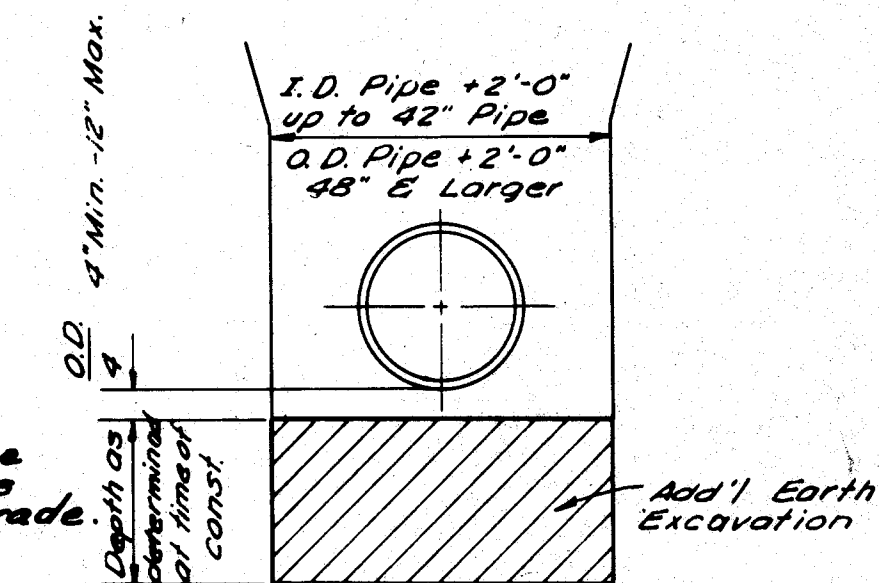
STANDARD SERVICE CONNECTION



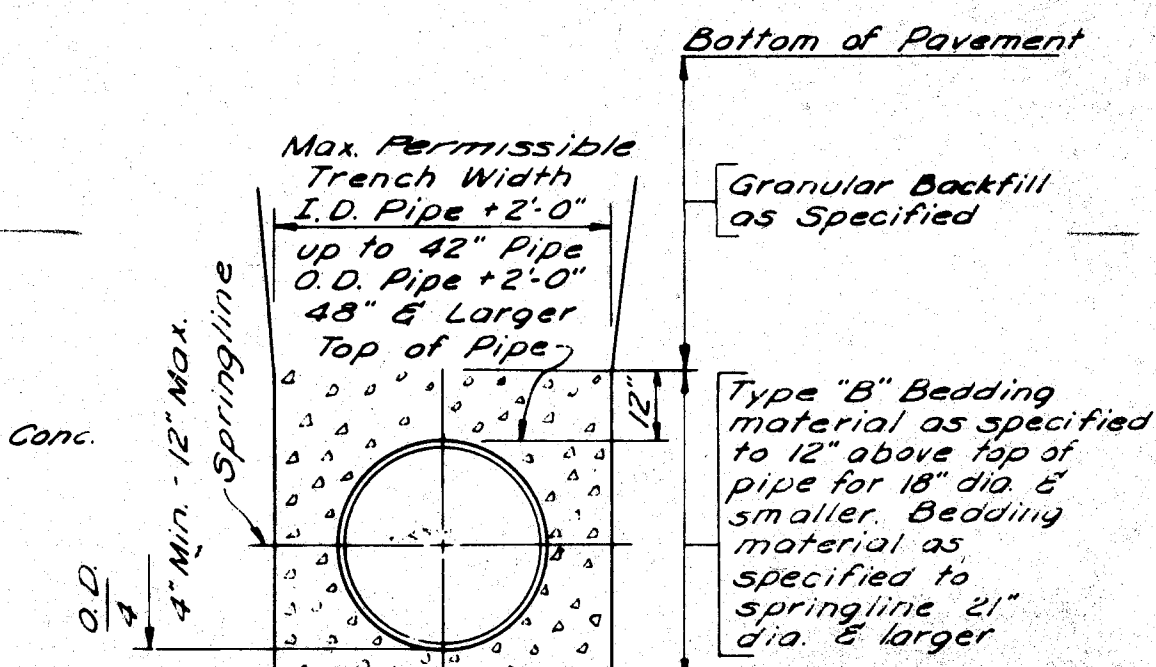
**RECONNECTION OF EXISTING
SERVICE SEWER**



**TYPICAL PIPE
ENCASEMENT**



**ADDITIONAL EARTH EXCAVATION
PAYMENT LIMITS**



**STANDARD BEDDING
AND TRENCH DETAIL**

**SANITARY
STANDARD DETAILS**

SCALE: NOT TO SCALE
FRIEDL & HARRIS, INC.
ENGINEERS & SURVEYORS
NORTH CANTON, OHIO 44720
PHONE: CANTON 499-8616 AKRON 253-9358

DRAWN BY: CHD BY:
DRAWING NO.: