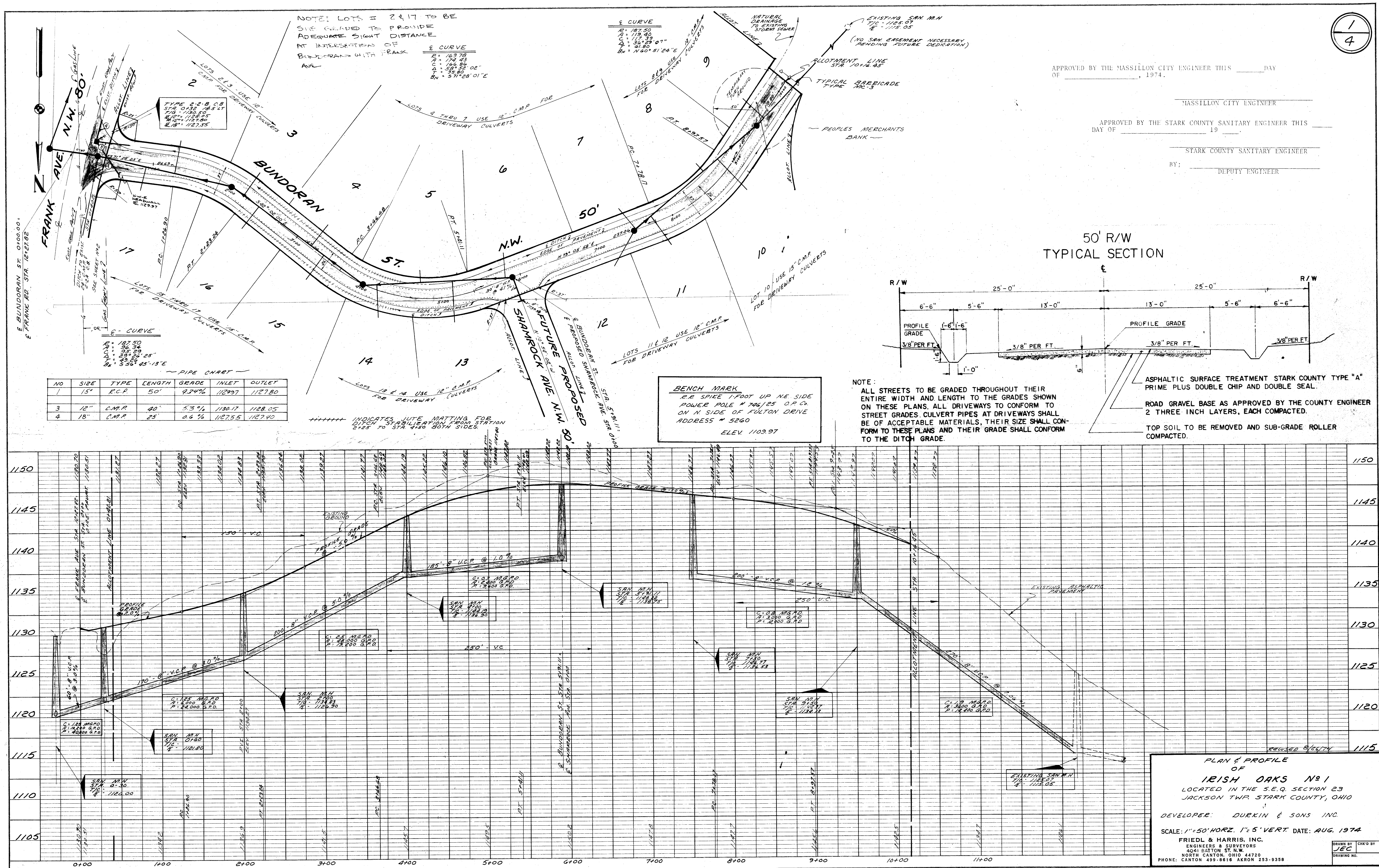


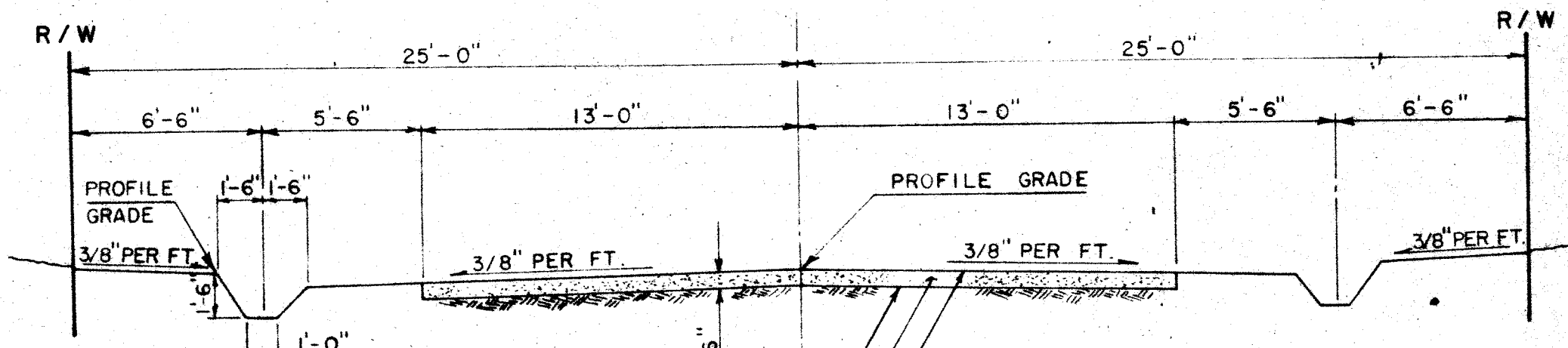
DATE	BY	BY	DATE
PLAN	SURVY	NOTED	NOTED
NOTE BOOK	GRASS CHECKED	ALTIMETER CHECKED	BY OF WAY CHECKED
No.			

DATE	BY	BY	DATE
PROFILE	SURVY	NOTED	NOTED
NOTE BOOK	GRASS CHECKED	ALTIMETER CHECKED	BY OF WAY CHECKED
No.			



PIPE CHART

NO	SIZE	TYPE	LENGTH	GRADE	INLET	OUTLET
1	15"	R.C.P.	50'	9.74%	112997	112780
3	12"	C.M.P.	40'	5.3%	1130.17	1128.05
4	18"	C.M.P.	25'	0.4%	112755	112740



NOTE: ALL STREETS TO BE GRADED THROUGHOUT THEIR ENTIRE WIDTH AND LENGTH TO THE GRADES SHOWN ON THESE PLANS. ALL DRIVEWAYS TO CONFORM TO STREET GRADES. CULVERT PIPES AT DRIVEWAYS SHALL BE OF ACCEPTABLE MATERIALS, THEIR SIZE SHALL CONFORM TO THESE PLANS AND THEIR GRADE SHALL CONFORM TO THE DITCH GRADE.

ASPHALTIC SURFACE TREATMENT STARK COUNTY TYPE "A" PRIME PLUS DOUBLE CHIP AND DOUBLE SEAL.

ROAD GRAVEL BASE AS APPROVED BY THE COUNTY ENGINEER 2 THREE INCH LAYERS, EACH COMPACTED.

TOP SOIL TO BE REMOVED AND SUB-GRADE ROLLER COMPACTED.

PLAN & PROFILE OF IRISH OAKS N^o 1
 LOCATED IN THE S.E. Q. SECTION 23
 JACKSON TWP. STARK COUNTY, OHIO

DEVELOPER: DUEKIN & SONS INC.

SCALE: 1"=50' HORIZ. 1"=5' VERT. DATE: AUG. 1974

FRIEDL & HARRIS, INC.
 ENGINEERS & SURVEYORS
 4041 RATTON ST. N.W.
 NORTH CANTON, OHIO 44720
 PHONE: CANTON 499-8616 AKRON 253-9358

DRAWN BY: JEC
 CHECKED BY: JEC
 DRAWING NO.

STARK COUNTY SANITARY ENGINEER

BY: DEPUTY ENGINEER

APPROVED BY THE MASSILLON CITY ENGINEER THIS
DAY OF 1974.

MASSILLON CITY ENGINEER

PIPE CHART

NO	SIZE	TYPE	LENGTH	GRADE	INLET	OUTLET
7	12"	C.M.P.	40'	1.3%	1133.37	1132.82
8	12"	C.M.P.	25'	3.5%	1133.70	1132.82
9	12"	R.C.P.	37'	4.5%	1132.82	1131.15
10	15"	C.M.P.	40'	5.4%	1133.07	1130.90
11	15"	C.M.P.	25'	1.6%	1130.90	1130.50
1	15"	R.C.P.	50'	4.34%	1129.97	1127.80
3	12"	C.M.P.	40'	5.3%	1130.17	1128.05
4	18"	C.M.P.	25'	0.6%	1127.55	1127.40

BENCH MARK

R.R. SINK 1500' UP N.E. SIDE
POWER POLE #746/25 D.P.C.
ON N. SIDE OF FURON DRIVE
ADDRESS #8260
ELEVATION: 1109.97

FRANK AVE. N.W. -60'
(PROPOSED 80' R/W)

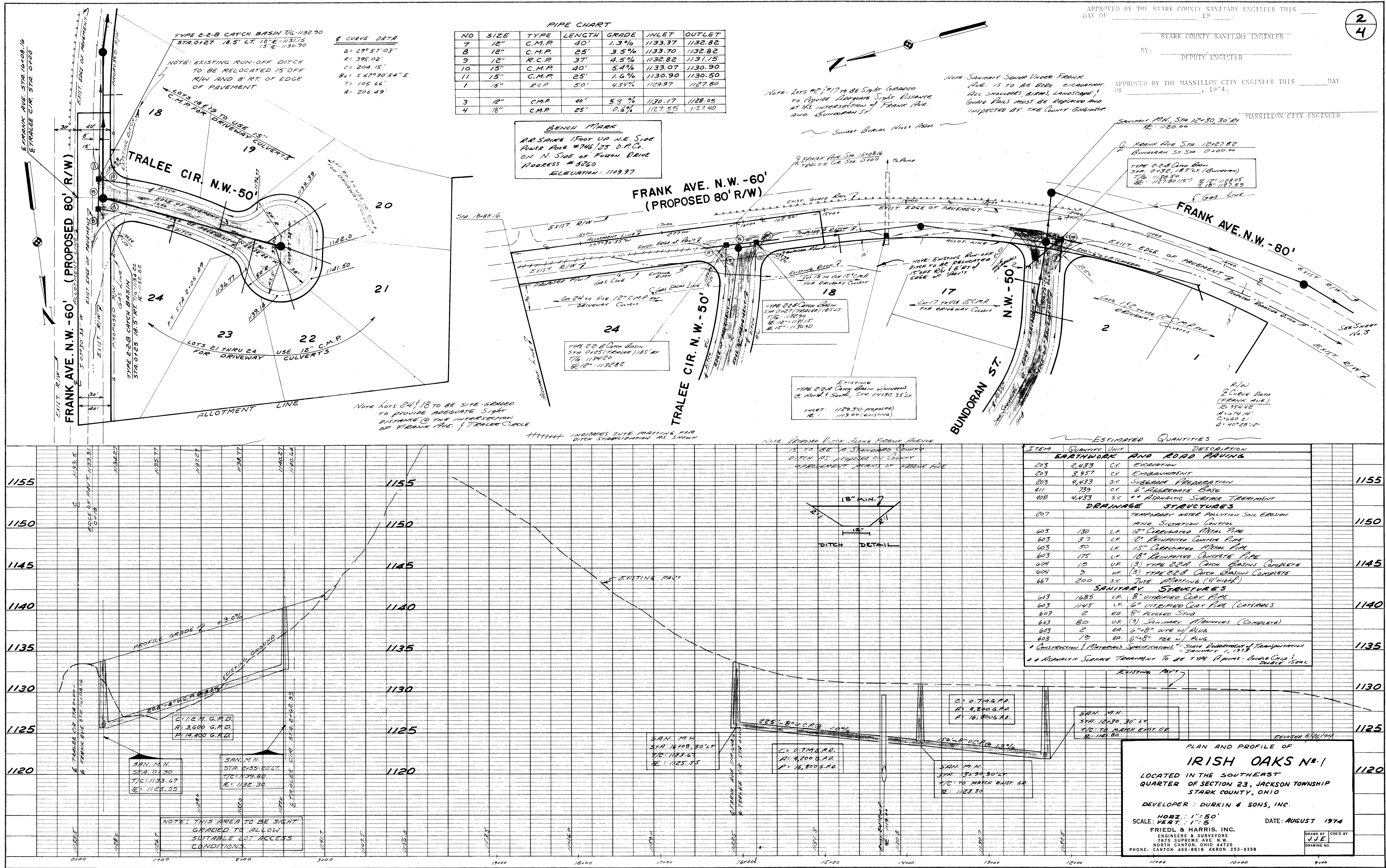
TRALEE CIR. N.W. -50'

BUNDORAN ST.

FRANK AVE. N.W. -80'

PLAN	DATE	BY
NO. 1		
NO. 2		
NO. 3		
NO. 4		
NO. 5		
NO. 6		
NO. 7		
NO. 8		
NO. 9		
NO. 10		
NO. 11		
NO. 12		
NO. 13		
NO. 14		
NO. 15		
NO. 16		
NO. 17		
NO. 18		
NO. 19		
NO. 20		
NO. 21		
NO. 22		
NO. 23		
NO. 24		

PROFILE	DATE	BY
NO. 1		
NO. 2		
NO. 3		
NO. 4		
NO. 5		
NO. 6		
NO. 7		
NO. 8		
NO. 9		
NO. 10		
NO. 11		
NO. 12		
NO. 13		
NO. 14		
NO. 15		
NO. 16		
NO. 17		
NO. 18		
NO. 19		
NO. 20		
NO. 21		
NO. 22		
NO. 23		
NO. 24		



PLAN	DATE	BY
	SURVEYED	
	NOTE BOOK	
	NO.	

PROFILE	DATE	BY
	SURVEYED	
	NOTE BOOK	
	NO.	

APPROVED BY THE MASSILLON CITY ENGINEER THIS _____ DAY
OF _____, 1974.

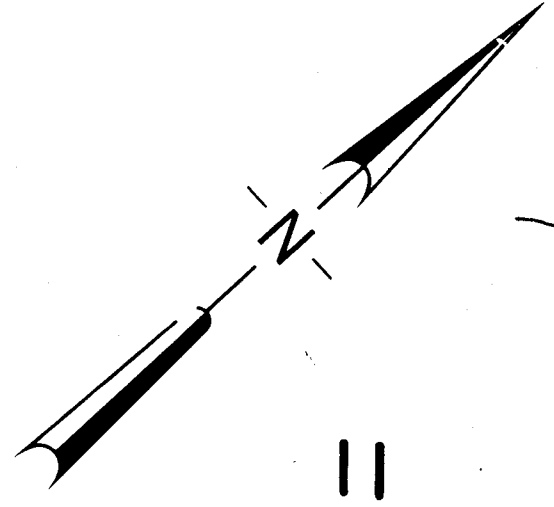
APPROVED BY THE STARK COUNTY SANITARY ENGINEER THIS _____ DAY
OF _____, 1974.

MASSILLON CITY ENGINEER

STARK COUNTY SANITARY ENGINEER
BY: _____
DEPUTY ENGINEER

SIBILA RD. N.W.
NW. S.R. 687

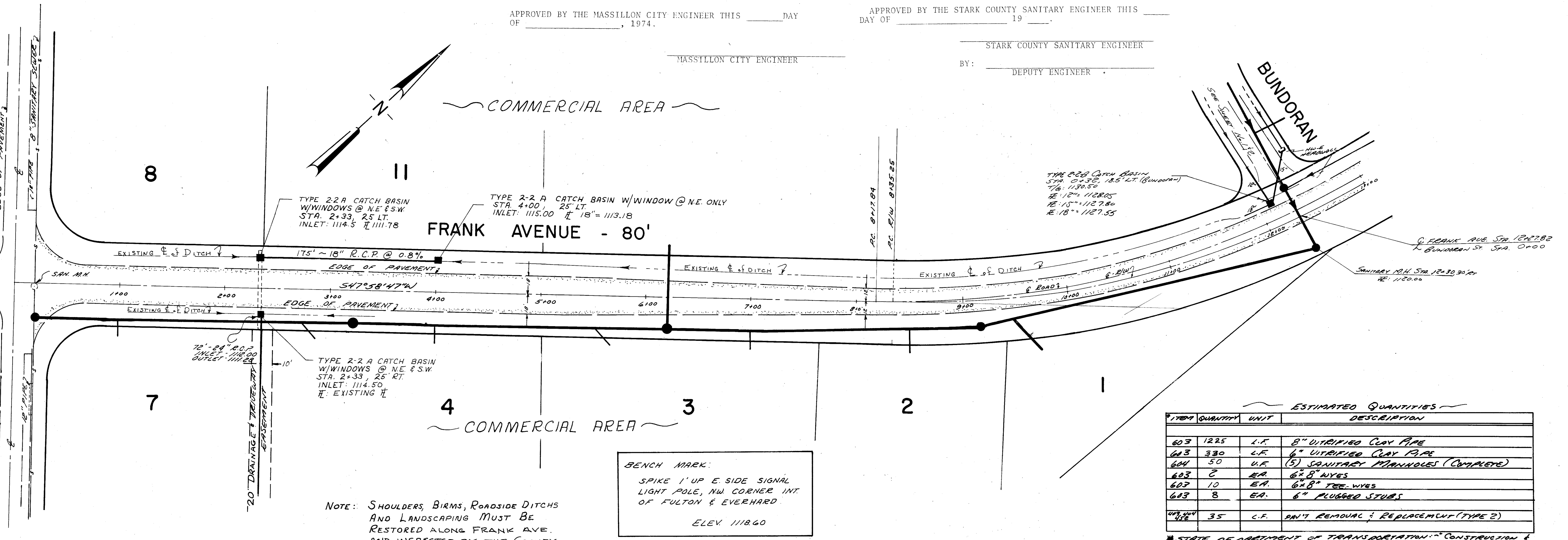
FULTON DRIVE



COMMERCIAL AREA

FRANK AVENUE - 80'

BUNDORAN

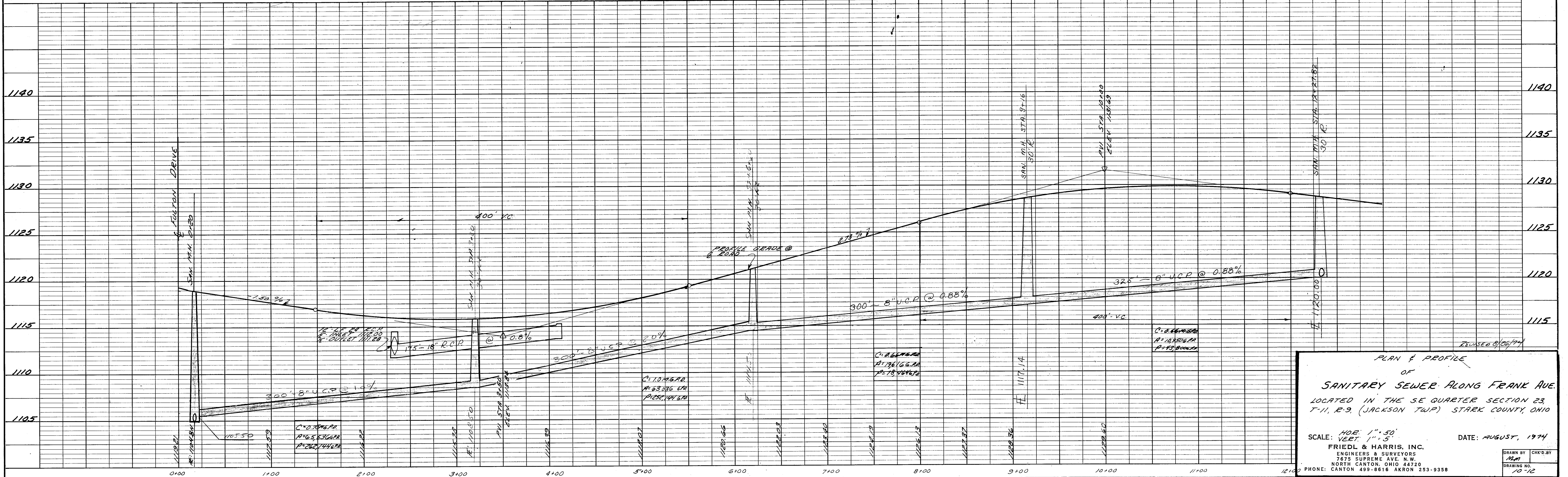


ESTIMATED QUANTITIES				
ITEM	QUANTITY	UNIT	DESCRIPTION	
603	1225	L.F.	8" VITRIFIED CLAY PIPE	
603	330	L.F.	6" VITRIFIED CLAY PIPE	
604	50	U.F.	(5) SANITARY MANHOLES (COMPLETE)	
603	2	EA.	6" 8" WYES	
603	10	EA.	6" 8" TEE WYES	
603	8	EA.	6" PLUGGED STUBS	
603	35	L.F.	PIT REMOVAL & REPLACEMENT (TYPE 2)	

* STATE DEPARTMENT OF TRANSPORTATION - CONSTRUCTION & MATERIALS SPECIFICATIONS - JANUARY, 1973

NOTE: SHOULDERS, BIRMS, ROADSIDE DITCHES
AND LANDSCAPING MUST BE
RESTORED ALONG FRANK AVE.
AND INSPECTED BY THE COUNTY
ENGINEER.

BENCH MARK:
SPIKE 1' UP E. SIDE SIGNAL
LIGHT POLE, NW CORNER INT.
OF FULTON & EVERHARD
ELEV 1118.60



PLAN & PROFILE
OF
SANITARY SEWER ALONG FRANK AVE.
LOCATED IN THE SE QUARTER SECTION 23,
T-11, R-9, (JACKSON TWP) STARK COUNTY, OHIO

SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

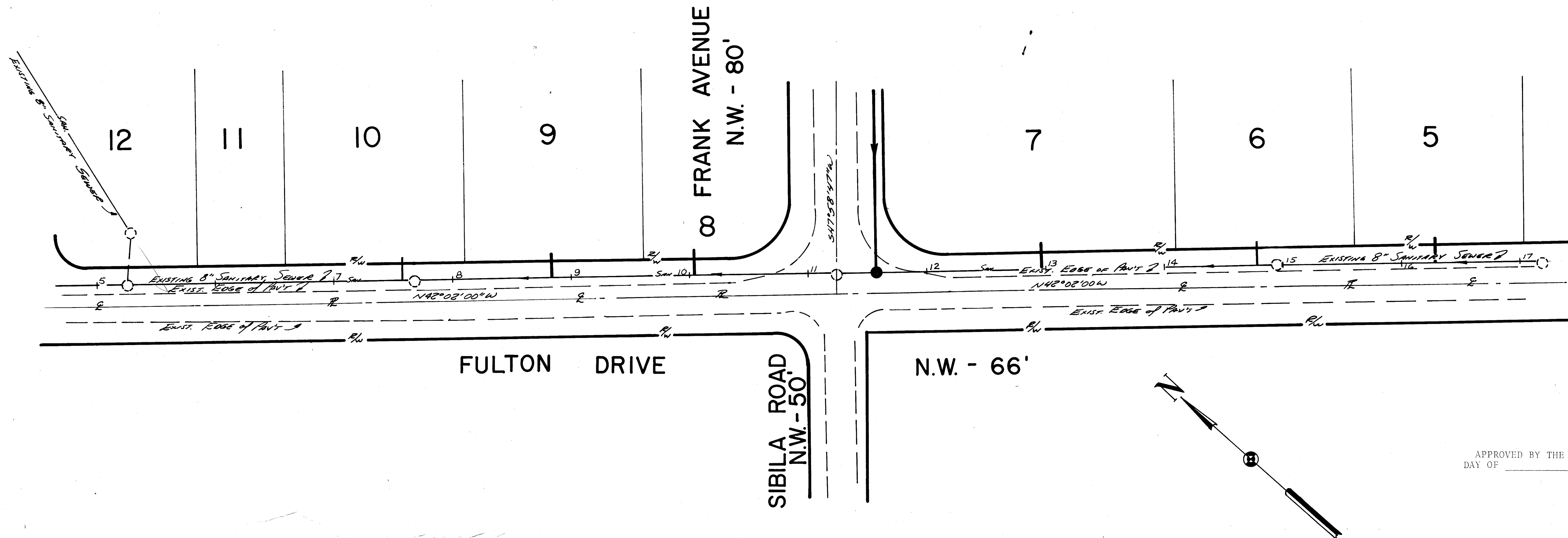
DATE: AUGUST, 1974

FRIEDL & HARRIS, INC.
ENGINEERS & SURVEYORS
7675 SUPREME AVE. N.W.
NORTH CANTON, OHIO 44720
PHONE: CANTON 499-8616 AKRON 253-9358

DRAWN BY: _____
CHECKED BY: _____
DATE: 10/12

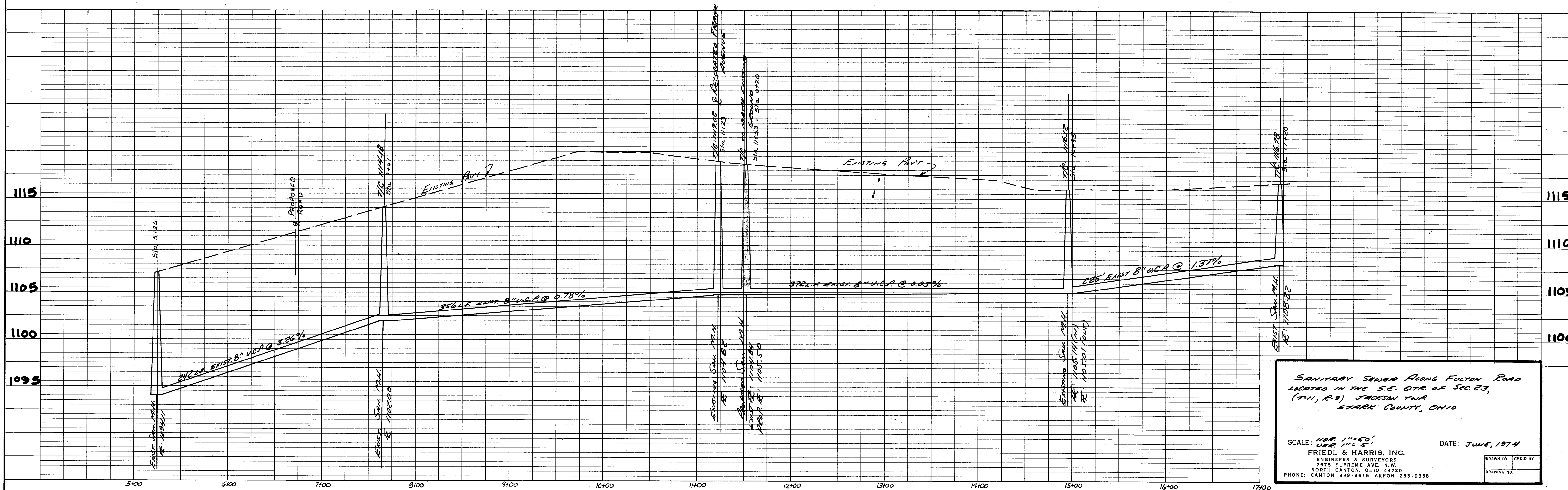
PLAN	DATE	BY
	SURVEYED	
NOTE BOOK	NOTED	
	NO.	

PROFILE	DATE	BY
	SURVEYED	
NOTE BOOK	NOTED	
	NO.	



APPROVED BY THE STARK COUNTY SANITARY ENGINEER THIS _____ DAY OF _____ 19 ____

STARK COUNTY SANITARY ENGINEER
BY: _____
DEPUTY ENGINEER



SANITARY SEWER ALONG FULTON ROAD
LOCATED IN THE S.E. 1/4 OF SEC. 23,
(T.11, R.9) JAMESON TWP
STARK COUNTY, OHIO

SCALE: HORIZ. 1"=50'
VERT. 1"=5'
FRIEDL & HARRIS, INC.
ENGINEERS & SURVEYORS
7675 SUPREME AVE. N.W.
NORTH CANTON, OHIO 44720
PHONE: CANTON 499-8616 AKRON 253-9358

DATE: JUNE, 1974

DRAWN BY _____
CHECKED BY _____
DRAWING NO. _____