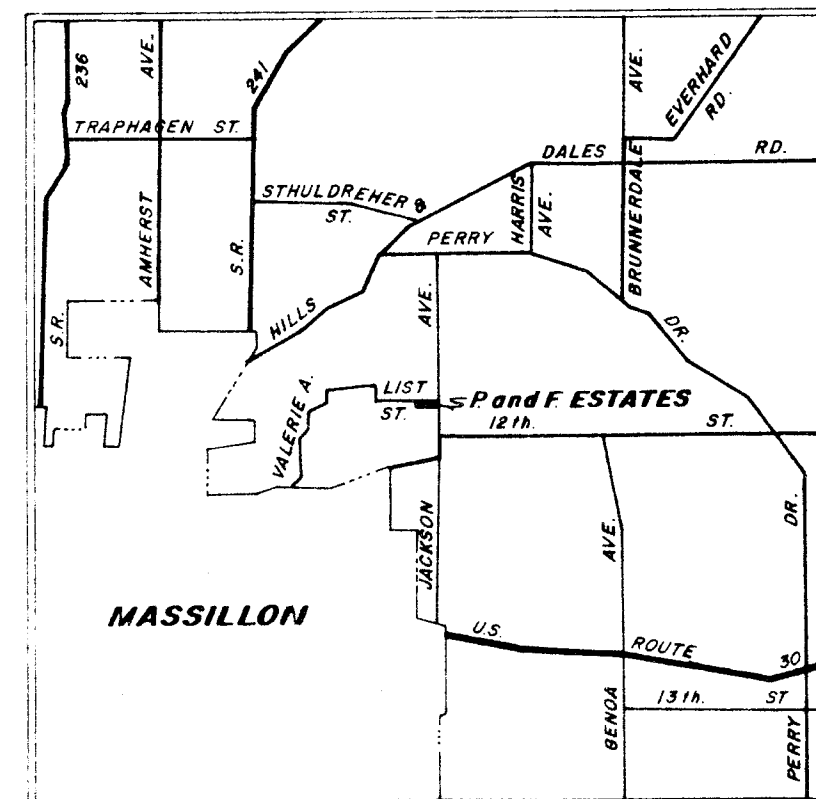


RECORD PLAT

P. AND F. ESTATES

PART OF THE NORTHEAST QUARTER OF SECTION 4, PERRY TOWNSHIP

STARK COUNTY, OHIO



- VICINITY MAP -

SCALE: 1" = 50'

JUNE, 1974

RESTRICTIONS:

STREETS HAVING 50-FOOT WIDTH ARE SUITABLE FOR SINGLE AND TWO FAMILY DWELLINGS ONLY.

NOTES:

IRON PINS TO BE SET AT ALL LOT CORNERS AND CURVED POINTS.
⊙ INDICATES A STANDARD COUNTY MONUMENT.
ALL LOTS TO HAVE SANITARY SEWER.
RIGHT OF ACCESS TO ANY DEAD-END STREET IN THIS ALLOTMENT IS PROHIBITED EXCEPT FROM LOTS PLATTED IN CONFORMITY WITH STARK COUNTY REGULATIONS.

ACREAGES:

LOTS	15.8005	ACRES
STREETS	3.7627	ACRES
TOTAL	19.5632	ACRES

I HEREBY CERTIFY THAT THIS IS A CORRECT PLAT OF P. AND F. ESTATES LOCATED IN THE NORTHEAST QUARTER OF SECTION 4, TOWNSHIP OF PERRY, COUNTY OF STARK, STATE OF OHIO AND CONTAINING 19.5632 ACRES OF LAND, MORE OR LESS.

REGISTERED SURVEYOR No. 6155

KNOW ALL MEN BY THESE PRESENTS THAT WE, THE UNDERSIGNED OWNERS OF THE LAND SHOWN ON THIS PLAT, DO HEREBY ACKNOWLEDGE THE MAKING OF THE SAME TO BE OUR FREE ACT AND DEED AND HEREBY DEDICATE ALL STREETS SHOWN HEREON TO PUBLIC USE FOREVER.

WITNESSES

OWNERS

[Signatures of Owners and Witnesses]

STATE OF OHIO
COUNTY OF STARK
S.S. BEFORE ME, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, PERSONALLY APPEARED THE ABOVE SIGNED OWNERS WHO ACKNOWLEDGE THAT THEY DID SIGN THE FOREGOING INSTRUMENT AND THAT IT WAS THEIR FREE ACT AND DEED.

DATE: JUNE 10, 1974

MY COMMISSION EXPIRES:

NOTARY PUBLIC

APPROVED BY THE STARK COUNTY REGIONAL PLANNING COMMISSION AT ITS REGULAR MEETING OF _____, 197__

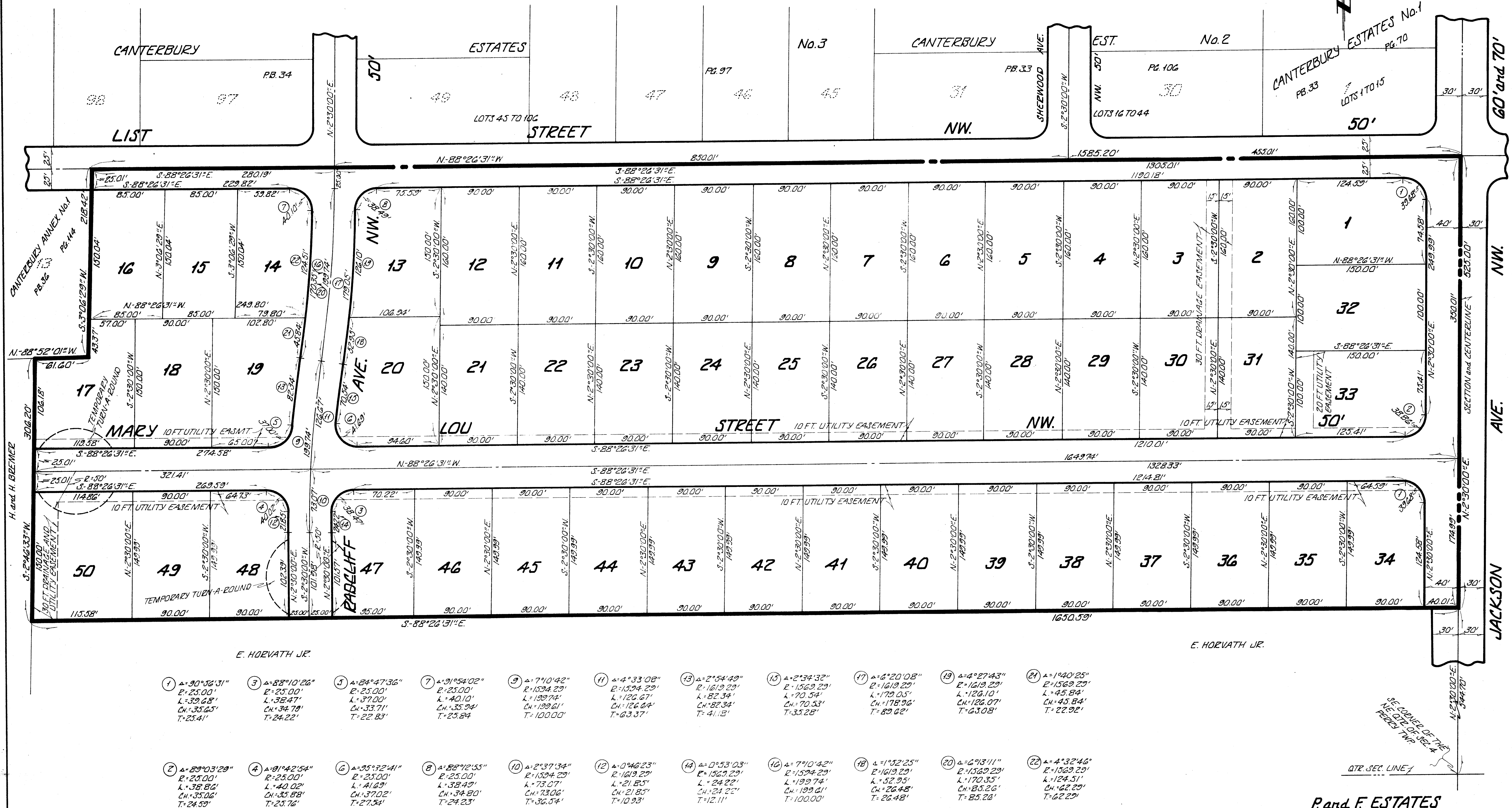
PRESIDENT

SECRETARY

Prepared By:

SHISLER-HUNSINGER and HOOVER
CONSULTING ENGINEERS and SURVEYORS
2011 FULTON ROAD N.W., CANTON, OHIO 44709

WE THE OWNERS OF THE LAND ON THIS PLAT, GRANT TO THE OHIO BELL TELEPHONE COMPANY, ITS SUCCESSORS AND ASSIGNS, A PERPETUAL RIGHT OF WAY EASEMENT TO PLACE, MAINTAIN, AND SUPPLEMENT ITS COMMUNICATION SYSTEMS UPON, ACROSS, IN, AND/OR UNDER A STRIP OF LAND AS SHOWN BY THE MEASUREMENTS AND DOTTED LINES MARKED UTILITY EASEMENT.



SEE SHEET No. 2066
MATCH LINE STA. 6+00

ST. 6+100

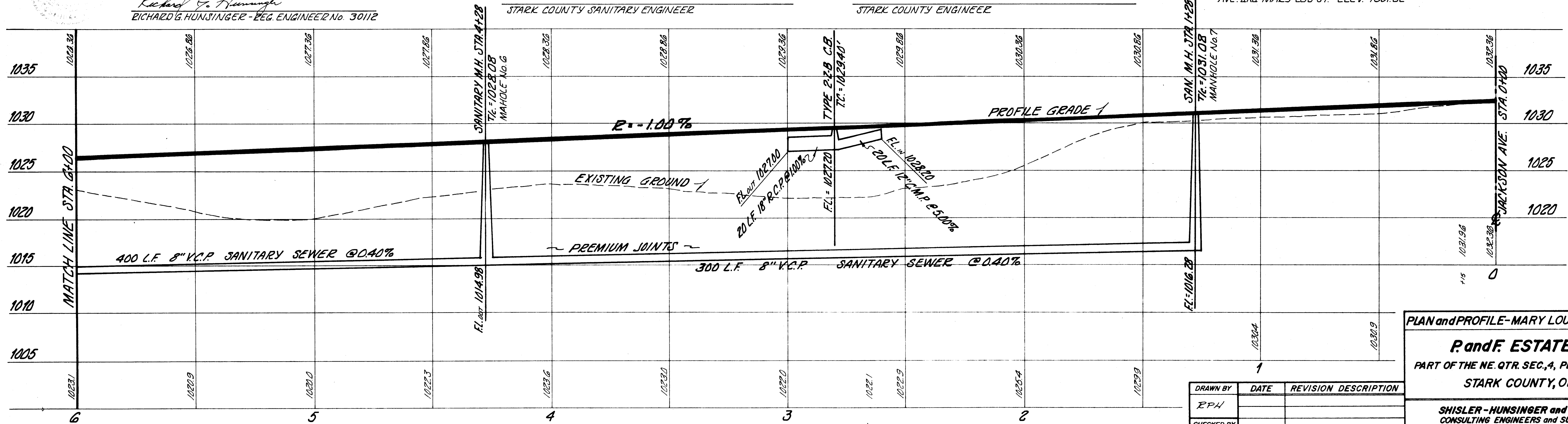


PREPARED BY:
SHISLER-HUNSINGER and HOOVER
Richard G. Hunsinger
RICHARD G. HUNSINGER - REG. ENGINEER No. 30112

APPROVED THIS _____ DAY OF _____, 1974

APPROVED THIS _____ DAY OF _____, 1974

BENCH MARK
R.R. SPIKE 1 FT. UP ON WEST SIDE OF POWER POLE
No. 27224/35 50 FT. S.E. OF INTERSECTION OF JACKSON
AVE. and MARY LOU ST. ELEV. = 1031.82

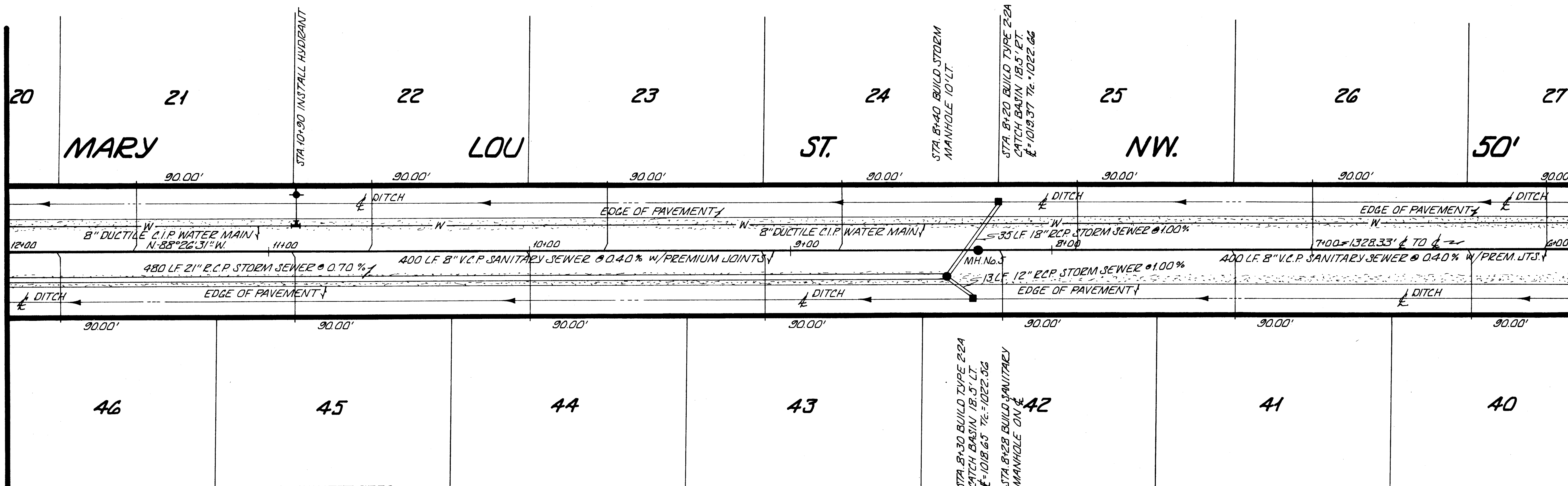


DRAWN BY	DATE	REVISION	DESCRIPTION
EPH			
CHECKED BY			
RGH			

PLAN and PROFILE - MARY LOU ST. NW 50'		
P and F ESTATES		
PART OF THE NE. QTR. SEC. 4, PERRY TWP.		
STARK COUNTY, OHIO		
SHISLER-HUNSINGER and HOOVER		
CONSULTING ENGINEERS and SURVEYORS		
2011 FULTON ROAD, N.W., CANTON, OHIO 44709		
SCALE: HOR. 1"=20'	JUNE, 1974	SHEET 1 of 6

SEE SHEET No. 3 of 6

MATCH LINE STA. 12+00



MATCH LINE STA. 6+00

SEE SHEET No. 1 of 6

DRIVEWAY CULVERT SIZES

1. LIST STREET
LOT NUMBERS 1 THRU 10 -12" C.M.P.
LOT NUMBERS 11 THRU 13 -12" R.C.P.
LOT NUMBERS 14 THRU 16 -12" C.M.P.
2. RADCLIFF AVE.
LOT NUMBERS 13, 19, and 20 -12" R.C.P.
LOT NUMBERS 14, 32, 33, and 34 -12" C.M.P.

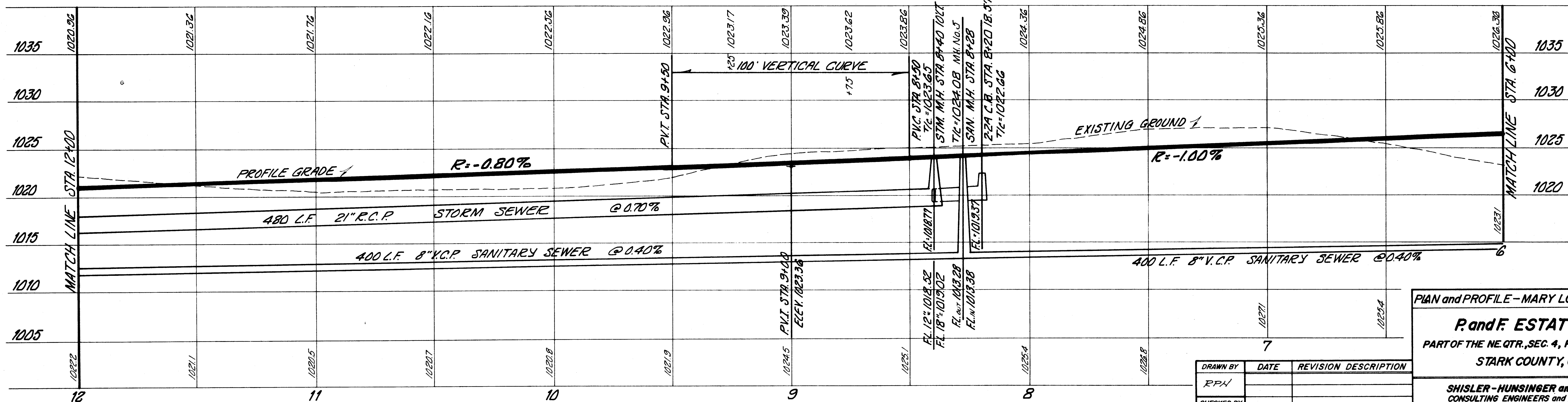
3. MARY LOU ST.
LOT NUMBERS 1 THRU 19, 23 THRU 31, 34 THRU 40,
43 THRU 45, and 48 THRU 50 -12" C.M.P.
LOT NUMBERS 20 THRU 22, 41, 42, 46, and 47 -12" R.C.P.
4. JACKSON AVE.
LOT NUMBERS 1, 32, 33, and 34 -12" C.M.P.

APPROVED THIS _____ DAY OF _____, 1974

STARK COUNTY SANITARY ENGINEER

BENCH MARK

R.R. SPIKE 1 FT. UP ON SOUTH SIDE OF 36"
TWIN OAK TREE 140 FT. NORTH OF & OF
MARY LOU ST. AT STA. 7+70 ELEV.=1028.42



PLAN and PROFILE - MARY LOU ST. NW. 50'

P. and F. ESTATES

PART OF THE NE QTR., SEC. 4, PERRY TWP.
STARK COUNTY, OHIO

SHISLER - HUNSINGER and HOOVER
CONSULTING ENGINEERS and SURVEYORS
2011 FULTON ROAD, N.W., CANTON, OHIO 44709

SCALE: HOR. 1"=20'
VERT. 1"=3' JUNE, 1974 SHEET 2 of 6

DRAWN BY	DATE	REVISION	DESCRIPTION
RPA			
CHECKED BY			
RPA			

DRAWN 9

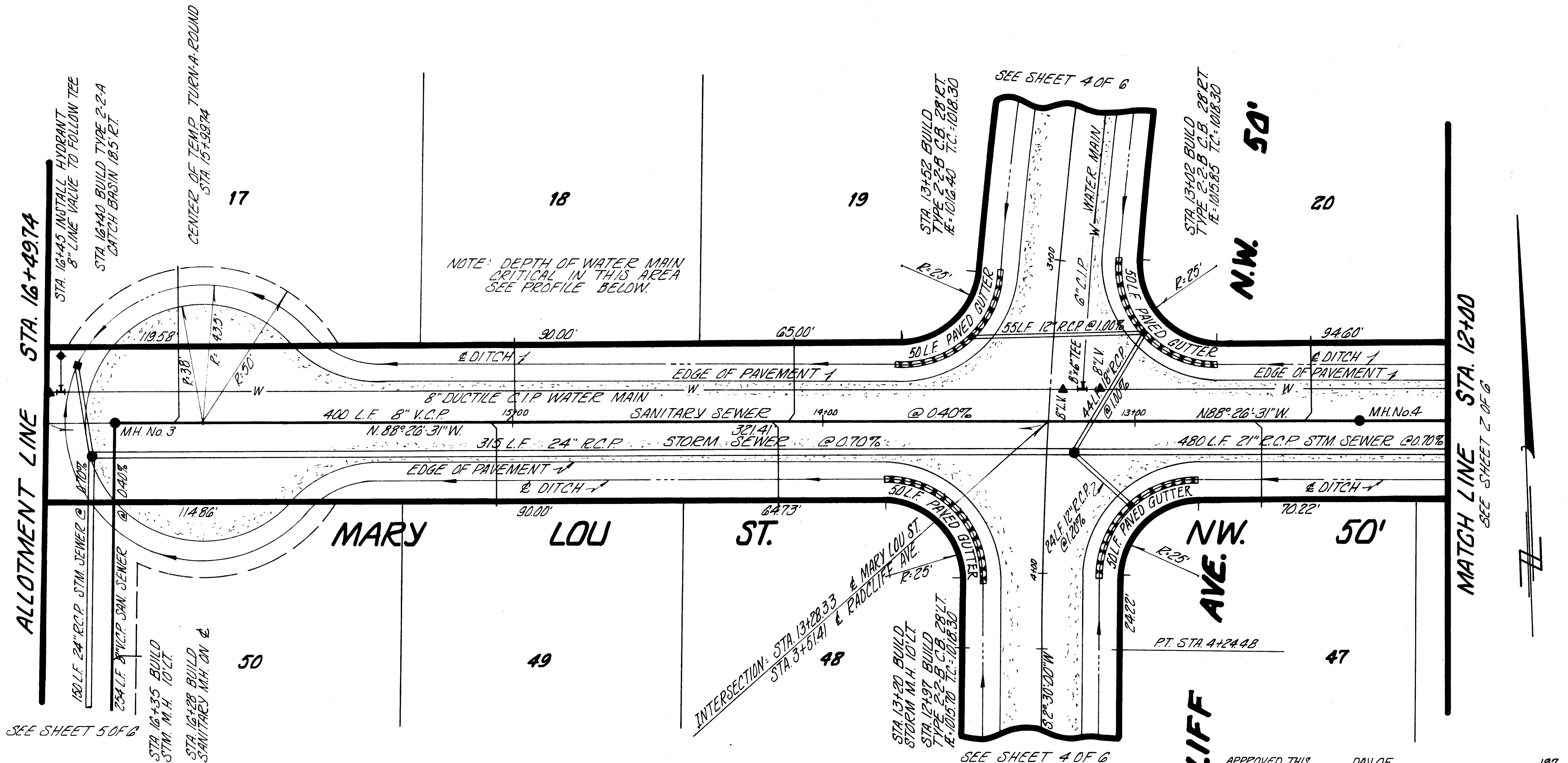
SHEET No. 3

ITEM	UNIT	QUANTITY	DESCRIPTION
STORM SEWER			
1	LF	20	12" C.M.P.
2	LF	182	12" R.C.P.
3	LF	20	15" R.C.P.
4	LF	99	18" R.C.P.
5	LF	480	21" R.C.P.
6	LF	465	24" R.C.P.
7	VF	15.5	4' DIA. STD. MANHOLE (3 EA. COMPLETE)
8	EA	4	TYPE 2-2A CATCH BASIN
9	EA	4	TYPE 2-2B CATCH BASIN
10	EA	1	TYPE "E" HEADWALL
11	CY	11	DUMPED ROCK
12	LF	308	PAVED GUTTER
13			
14			
15			
16			

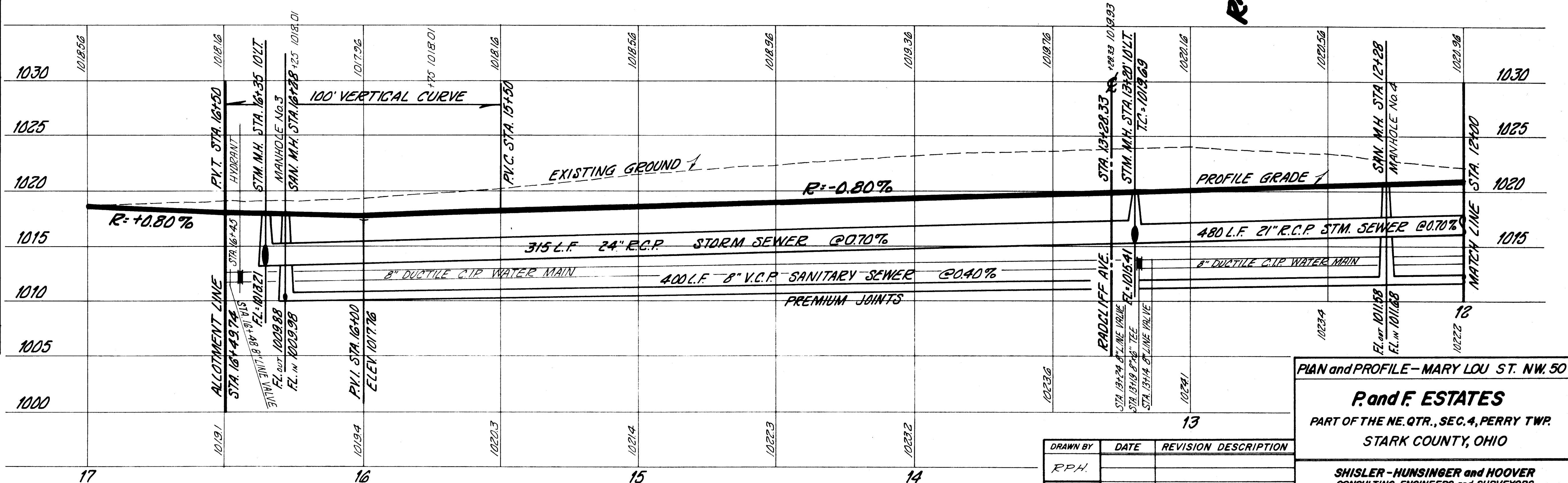
SANITARY SEWER			
19	LF	1991	8" V.C.P. EXT. ST. - PREM. JTS.
18	EA	35	6"x8" WYE BRANCH W/2x2 OAK MKS+PLUG
19	EA	35	6" 30° BEND
20	LF	985	6" V.C.P. EXT. ST. - PREM. JTS. SERVICE SEW.
21	VF	77	4' DIA. STD. MANHOLE (7 EA. COMPLETE)
22	CY	2	CONCRETE ENCASUREMENT
23	EA	1	CONNECTION TO EXIST. MANHOLE
24	EA	1	CLEANOUT ON LOT No. 32
25			
26			
27			
28			
29			
30			
31			
32			
33			

WATER			
34	LF	1667	8" DUCTILE C.I.P. CLASS-22
35	LF	419	8" DUCTILE C.I.P. (INC. HYD. PIPE)
36	EA	1	6"x8" TAPPING TEE
37	EA	1	6"x10" TAPPING TEE
38	EA	5	6"x8" C.I. TEE
39	EA	1	6"x6" C.I. TEE
40	EA	4	8" SHUT OFF VALVE W/BOV.
41	EA	1	6" SHUT OFF VALVE W/BOV.
42	EA	5	FIRE HYDRANTS W/BLOCKING, SHUT-OFF
43			VALVE, and BOV. OHIO WATER SER. STD.
44			
45			
46			
47			
48			
49			

ROADWAYS			
50	CY	7,200	EXCAVATION
51	CY	6,000	EMBANKMENT
52	SY	6,850	DOUBLE CHIP and DOUBLE SEAL
53	CY	1,150	SUB-BASE - CRUSHED GRAVEL
54			
55			
56			
57			
58			
59			
60			
61			
62			
63			
64			
65			
66			



BENCH MARK
 R.R. SPIKE 1 FT. UP ON SOUTH SIDE OF POWER POLE
 2742 5/42 NE. CORNER OF LOT No. 13 IN THE
 CANTERBURY ANNEX No. 1 ELEV. +1030.66



PLAN and PROFILE - MARY LOU ST. NW 50'

P. and F. ESTATES
 PART OF THE NE. QTR., SEC. 4, PERRY TWP.
 STARK COUNTY, OHIO

SHISLER - HUNSINGER and HOOVER
 CONSULTING ENGINEERS and SURVEYORS
 2011 FULTON ROAD, N.W., CANTON, OHIO 44709

SCALE: HOR. 1"=20' VERT. 1"=5'
 JUNE, 1974 SHEET 3 of 6

ALLOTMENT LINE STA 5+26.46

INTERSECTION: STA 3+51.41 & RADCLIFF AVE
STA 13+28.35 & MARY LOU ST

SEE SHEET 3 OF 6

N.W. 50'

STA 3+78 BUILD
TYPE 2-2.5 C.B. 28" LT
E=1015.70 TC=1018.30

STA 3+78 BUILD
TYPE 2-2.5 C.B. 28" LT
E=1015.70 TC=1018.30

SEE SHEET 3 OF 6

ST.

STA 3+78 BUILD
TYPE 2-2.5 C.B. 28" LT
E=1015.70 TC=1018.30

RADCLIFF

AVE.

N.W.

50'

ST.

N.W.

50'

LIST

CURVE DATA
D=77'10" 42"
R=1594.29
CH=139.61
L=139.74
T=100.00

STA 0+18.5 BUILD
TYPE 2-2.5 C.B. 18.5" LT
E=1024.30 TC=1026.80
E.W=1025.00

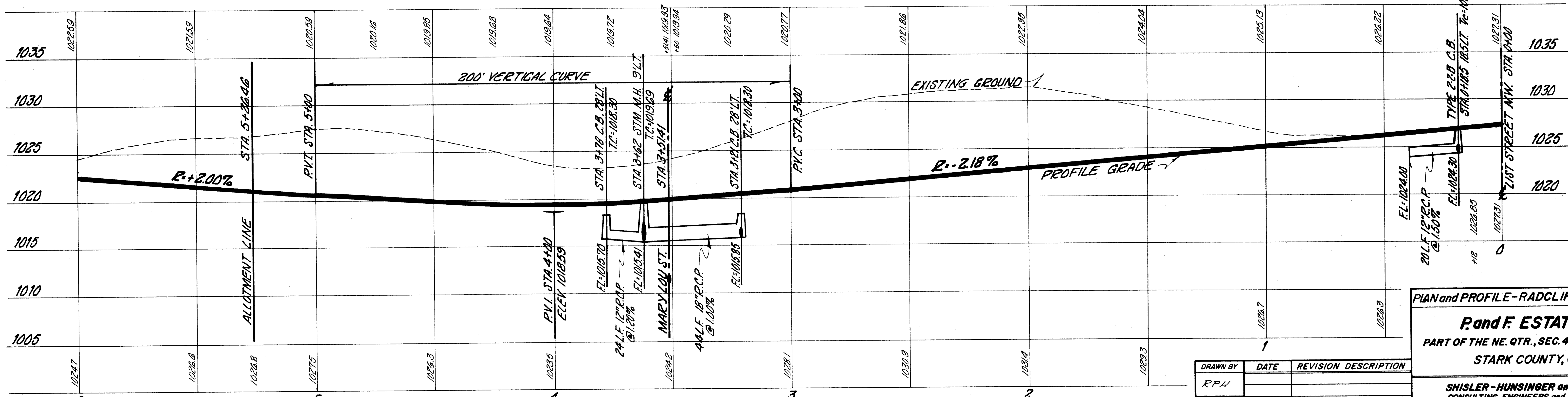
EXIST. SANITARY SEWER
N=88°26'31"W
EXIST. 8" WATER MAIN
STA 0+18.5 INSTALL 6" 8" TAPPING TEE 10' LT

CURVE DATA
① D=2°37'34"
R=1594.29
CH=73.04
L=73.07
T=36.54
② D=4°33'08"
R=1594.29
CH=126.64
L=126.67
T=63.37
③ D=7°10'42"
R=1594.29
CH=139.61
L=139.74
T=100.00

BENCH MARK
RR SPIKE 1 FT UP ON SOUTH SIDE OF POWER POLE
No. 2722 8/42 NE CORNER OF LOT No. 13 IN THE
CANTERBURY ANNEX No. 1 ELEV=1030.66

APPROVED THIS _____ DAY OF _____ 1974

STARK COUNTY SANITARY ENGINEER



PLAN and PROFILE - RADCLIFF AVE. NW 50'
TYPE 2-2.5 C.B.
STA 0+18.5 18.5" LT E=1026.80

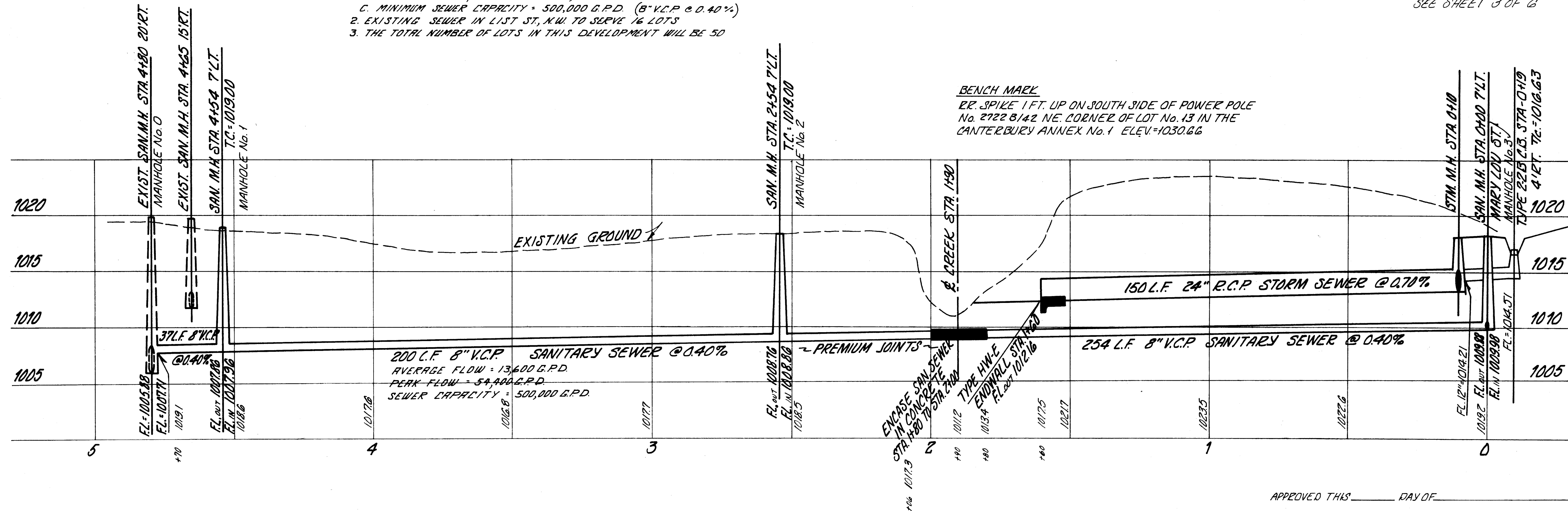
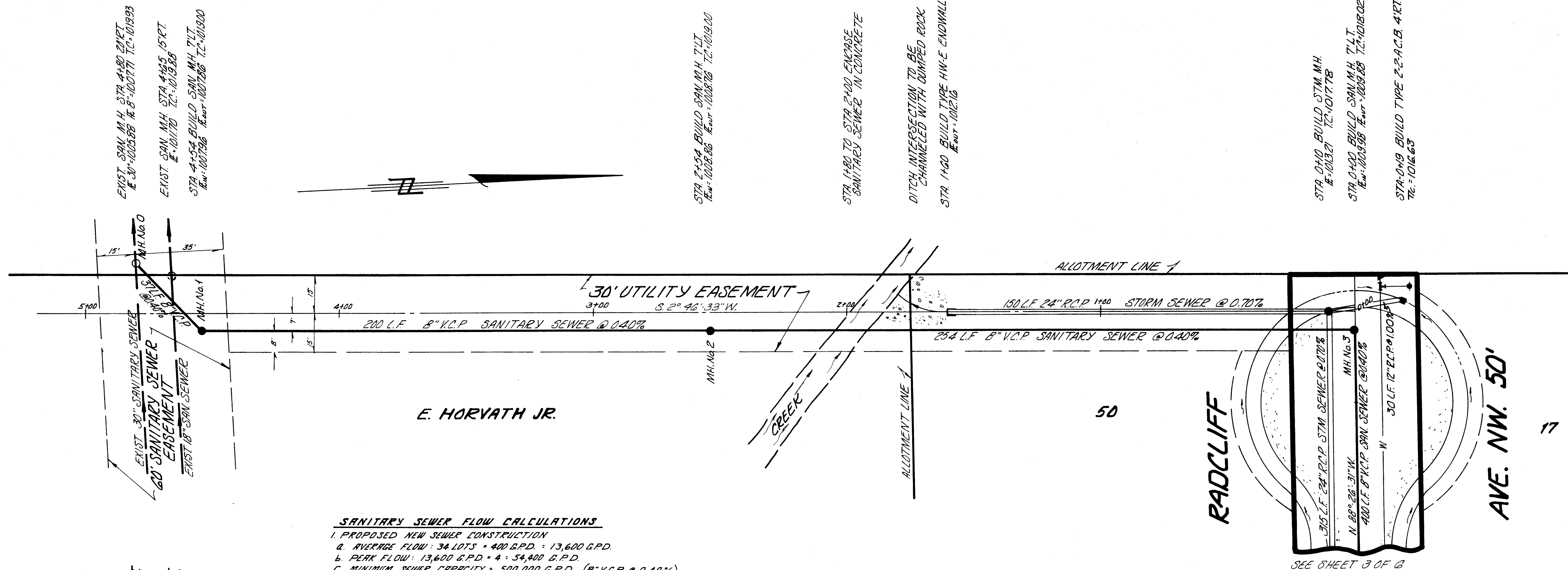
P and F ESTATES
PART OF THE NE. QTR., SEC. 4, PERRY TWP.
STARK COUNTY, OHIO

SHISLER - HUNSINGER and HOOVER
CONSULTING ENGINEERS and SURVEYORS
2011 FULTON ROAD, N.W., CANTON, OHIO 44709

SCALE: HOR: 1"=20' VERT: 1"=5' JUNE, 1974 SHEET 4 of 6

DRAWN BY	DATE	REVISION	DESCRIPTION
RP/			
CHECKED BY			
RP/			

DRAWER 9 SHEET No. 3



APPROVED THIS _____ DAY OF _____, 197__

STARK COUNTY SANITARY ENGINEER

DRAWN BY	DATE	REVISION	DESCRIPTION
R.F.H.			
CHECKED BY			
R.F.H.			

PLAN & PROFILE-UTILITY EASEMENT

P. and F. ESTATES
 PART OF THE NE. QTR., SEC. 4, PERRY TWP.
 STARK COUNTY, OHIO

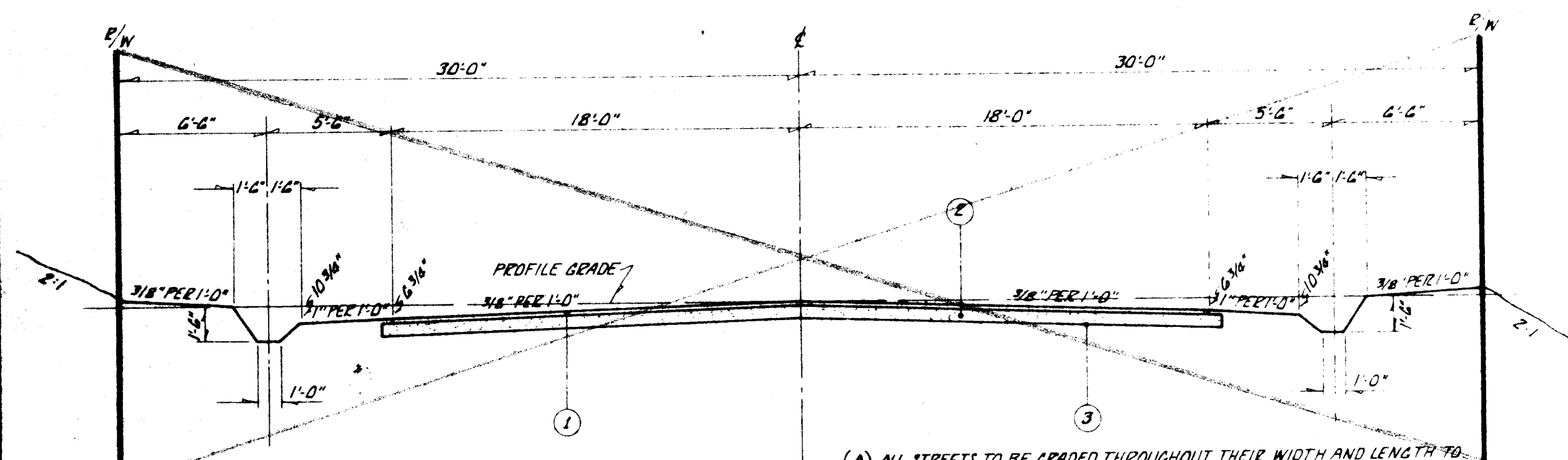
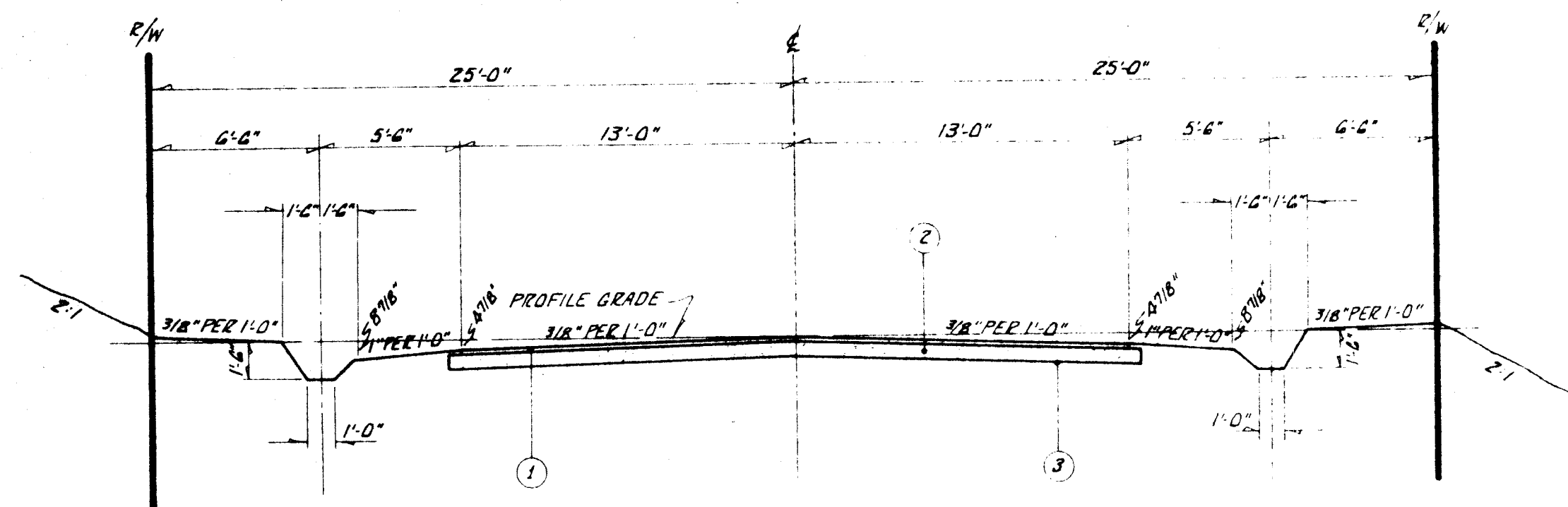
SHISLER - HUNSINGER and HOOVER
 CONSULTING ENGINEERS and SURVEYORS
 2011 FULTON ROAD, N.W., CANTON, OHIO 44709

SCALE: HOR. 1" = 20'
 VERT. 1" = 10'

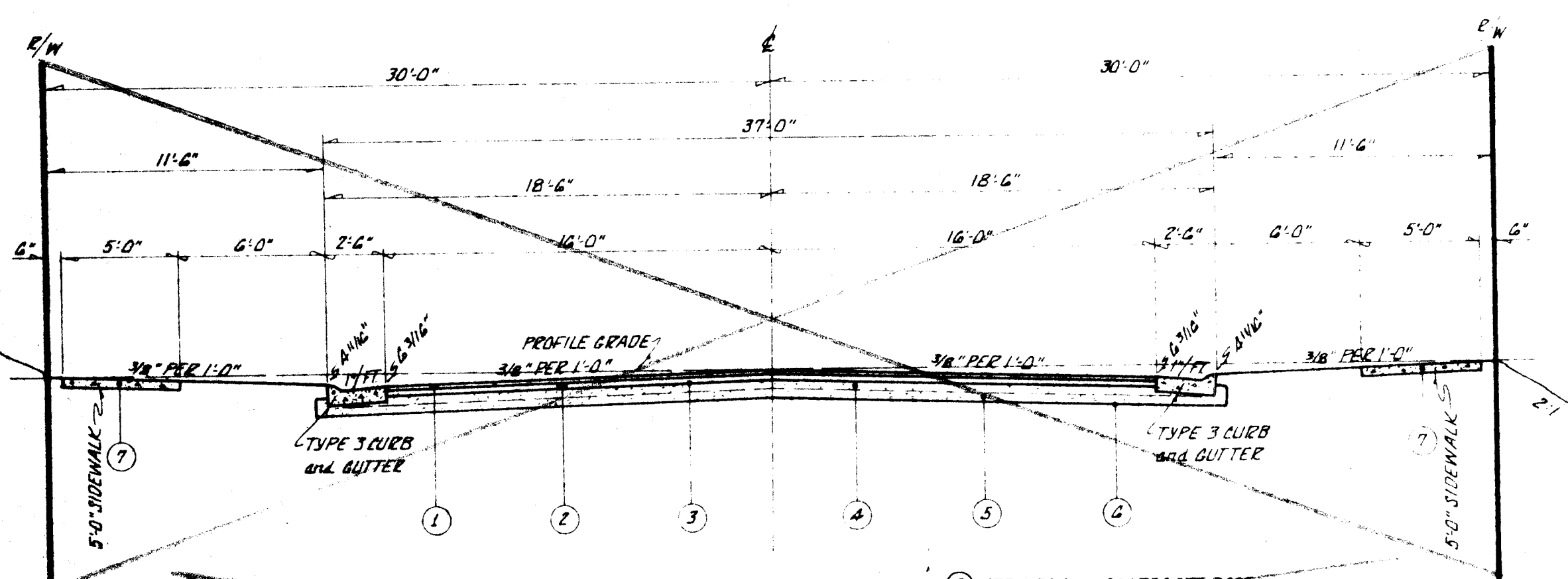
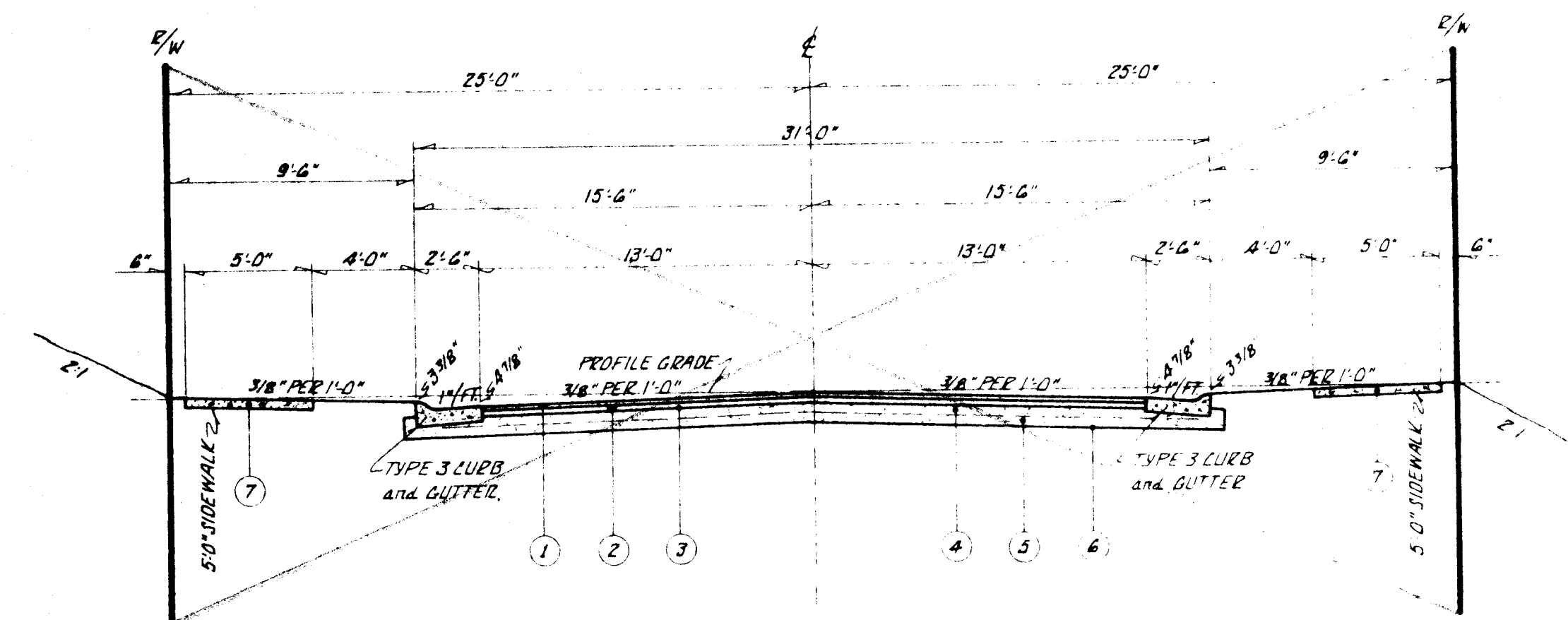
JUNE, 1974

SHEET 5 of 6

TYPICAL ROADWAY SECTIONS
SCALE 3/16"=1'-0"



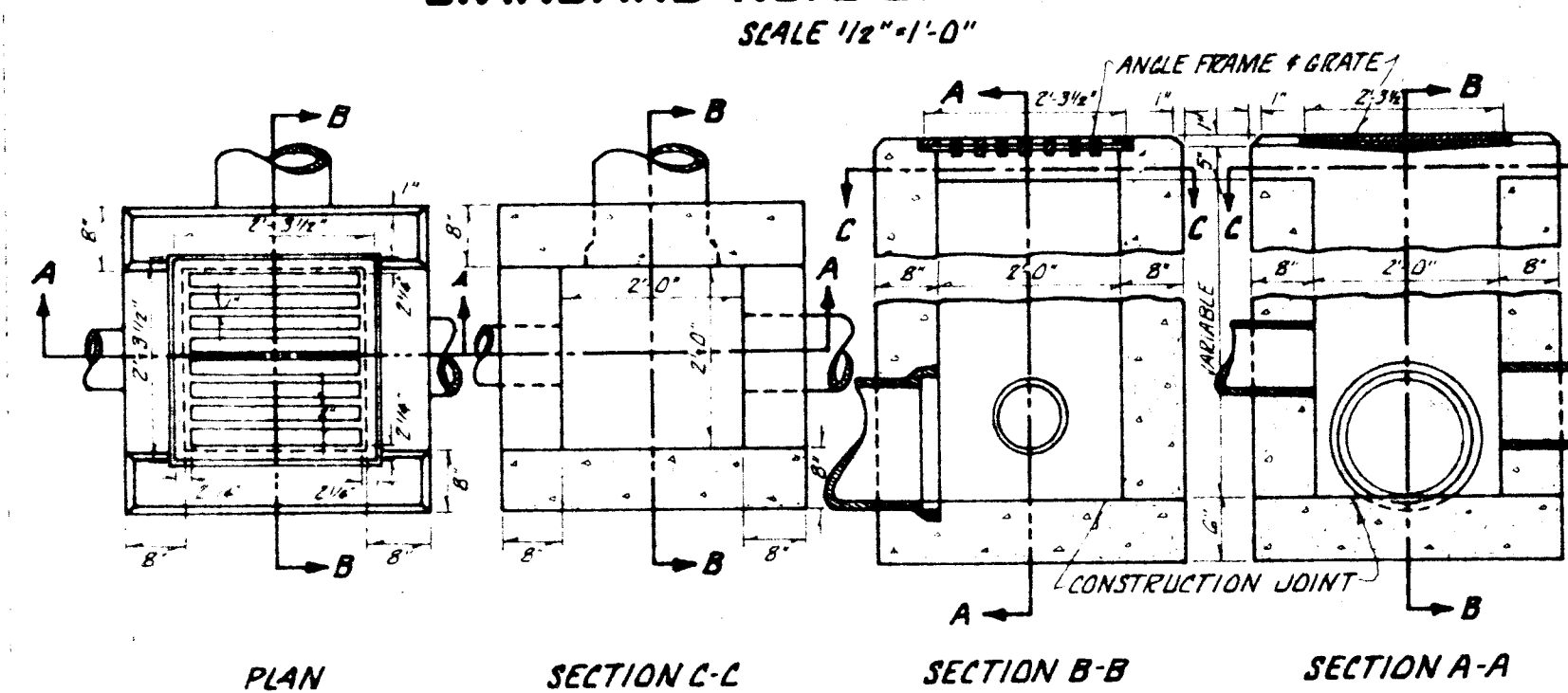
- (1) SURFACE COURSE: PRIMED, DOUBLE CHIPPED and DOUBLE SEALED, ROLLED.
- (2) SUB-BASE: 6" CRUSHED GRAVEL IN TWO 3" LAYERS, EACH ROLLER COMPACTED.
- (3) SUBGRADE: ALL TOPSOIL TO BE REMOVED AND SUBGRADE COMPACTED WITH A ROLLER WHERE NECESSARY.
- (A) ALL STREETS TO BE GRADED THROUGHOUT THEIR WIDTH AND LENGTH TO THE GRADES SHOWN ON THIS PLAN.
- (B) ALL DRIVEWAYS TO CONFORM TO STREET GRADES
- (C) CULVERT PIPE AT DRIVEWAYS SHALL BE OF ACCEPTABLE MATERIAL, THEIR SIZE SHALL BE SUITABLE TO THEIR LOCATION AND THEIR GRADES SHALL CONFORM TO HIGH GRADES



- 1 ITEM 300 ASPHALTIC CONCRETE
- 2 ITEM 402 ASPHALTIC CONCRETE
- 3 ITEM 408 PRIME COAT 0.30 GAL PER SQ YD
- 4 ITEM 304 AGGREGATE BASE
- 5 ITEM 304 AGGREGATE BASE
- 6 SUBGRADE ALL TOPSOIL TO BE REM.
SUBGRADE TO BE COMPA.
A ROLLER WHERE NECESS.
- 7 ITEM 608 4" CONCRETE SIDEWALK

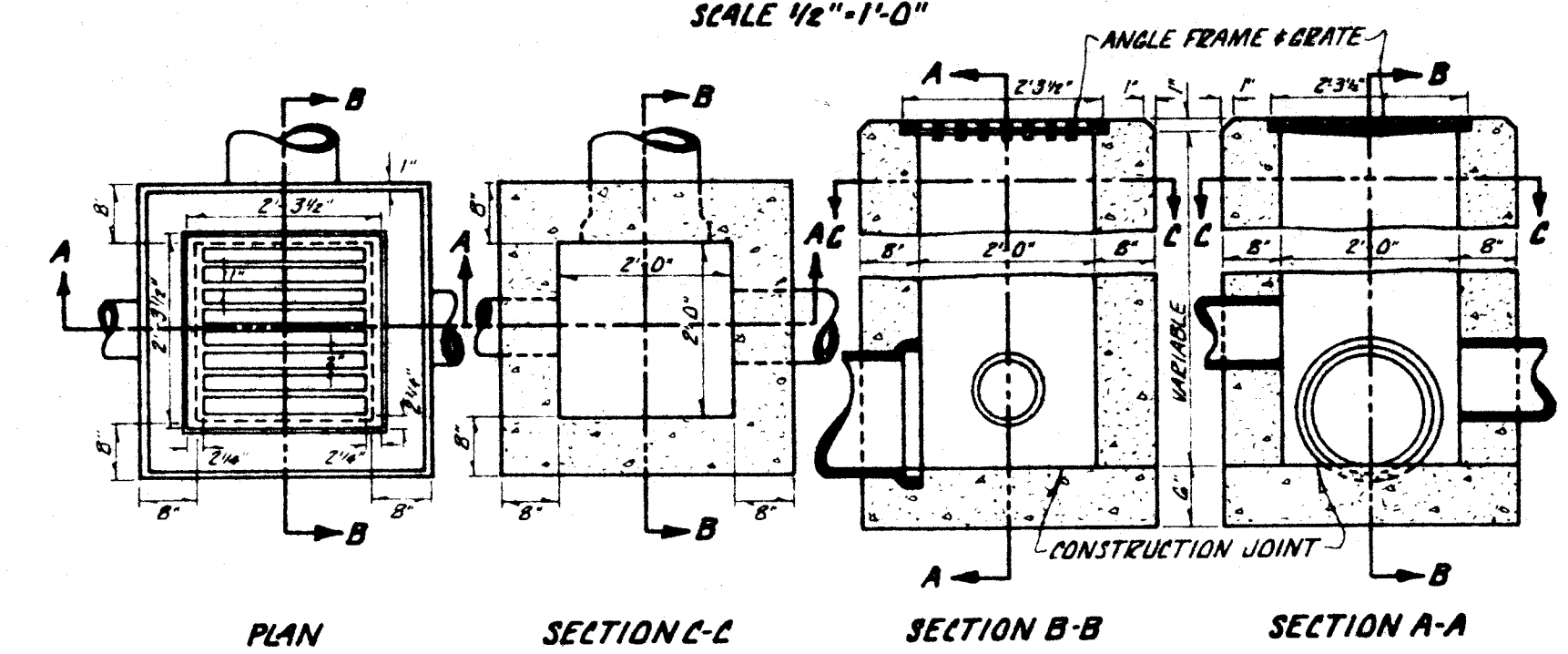
STANDARD No. 2-2A CATCH BASIN

SCALE 1/2"=1'-0"



STANDARD No. 2-2B CATCH BASIN

SCALE 1/2"=1'-0"

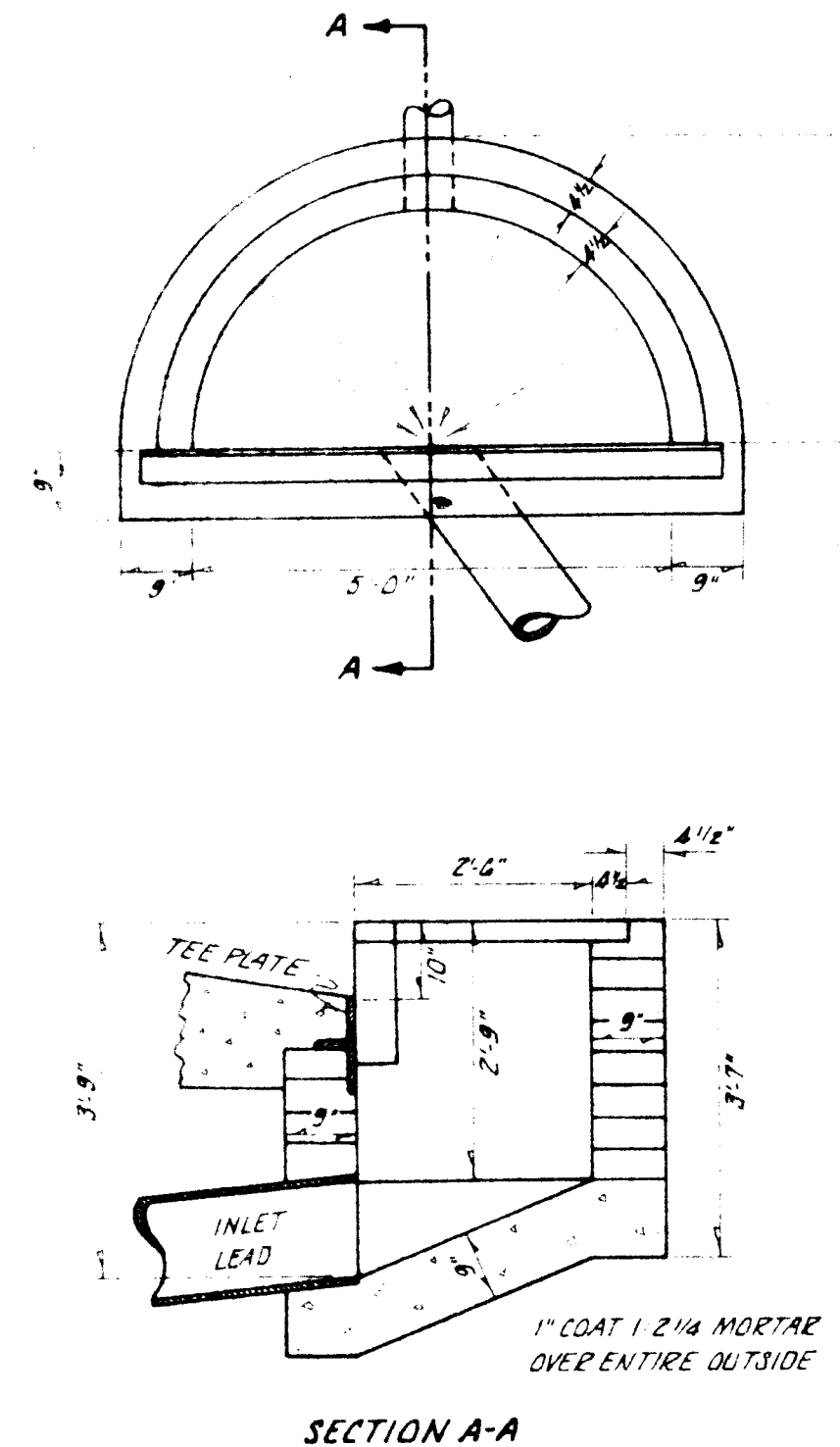


BRICK OR CONCRETE BLOCK SIDE WALLS, WHEN USED IN PLACE OF CONCRETE, SHALL BE 8" NOMINAL THICKNESS. WHEN BRICK OR CONCRETE BLOCKS ARE USED, THE WALLS OF THE CATCH BASIN ABOVE THE FLOW LINE OF THE SIDE OPENING SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE.

CONCRETE CAST IN PLACE SHALL
BE CLASS "C"

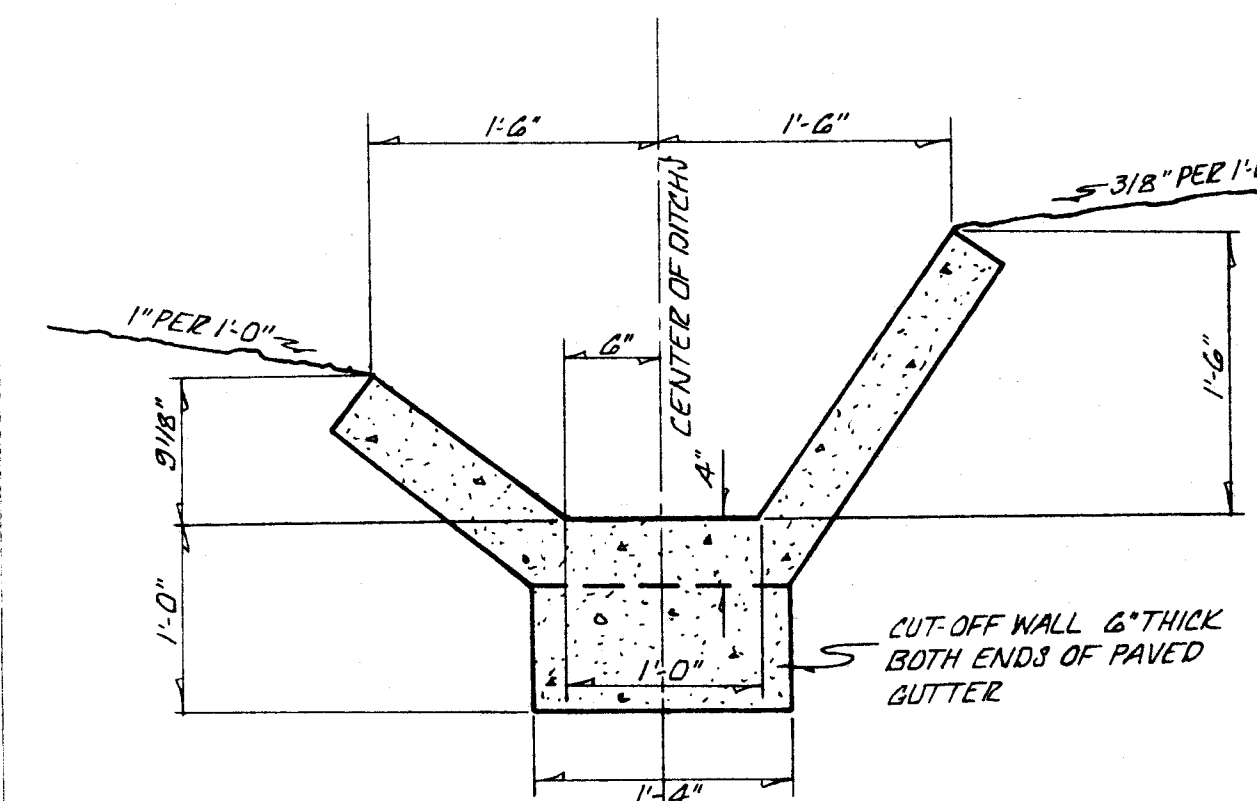
STANDARD No. 3 INLET

SCALE 1/2" = 1'-0"



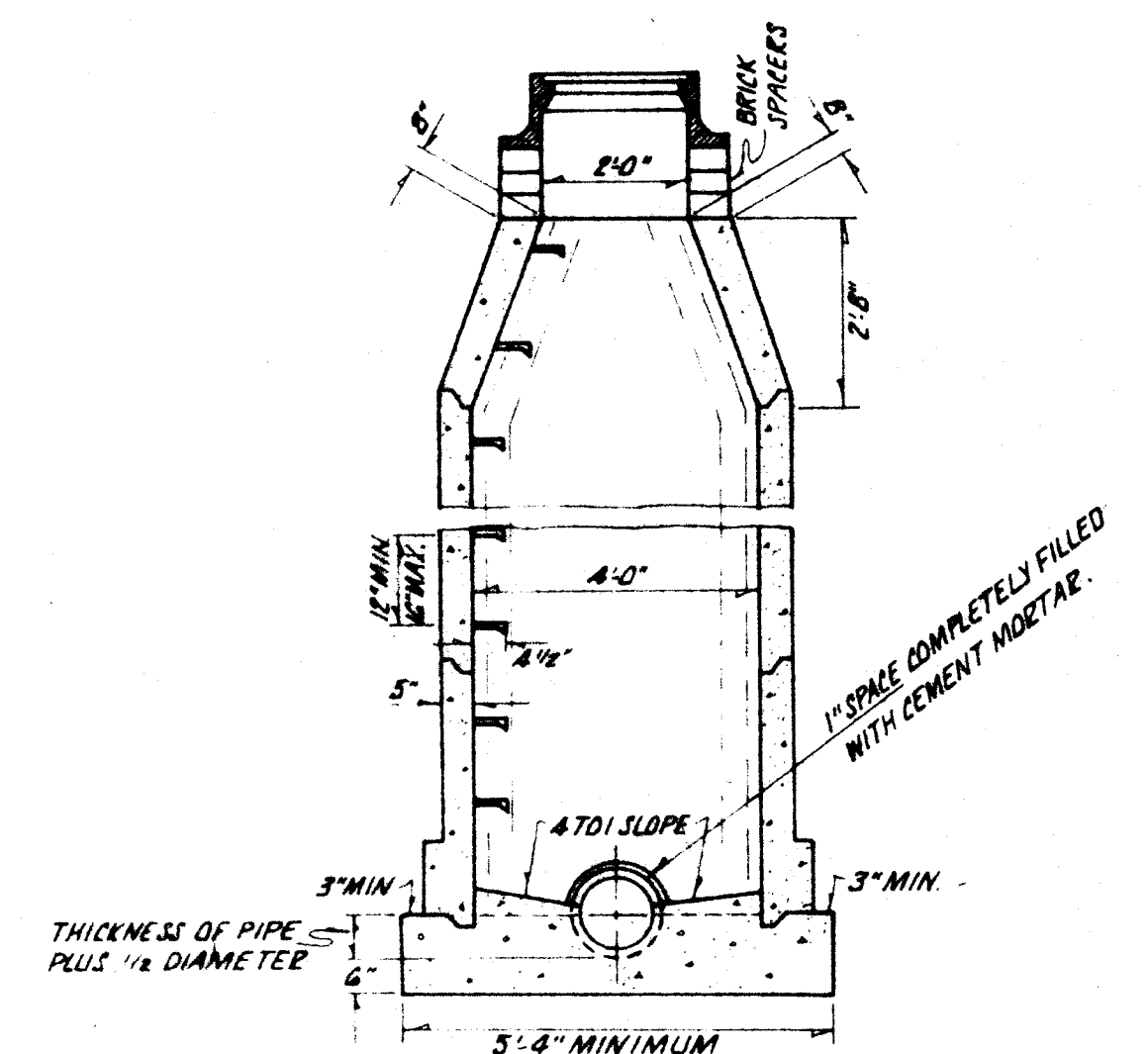
PAVED GUTTER DETAIL

SCALE 1"=1'-0"



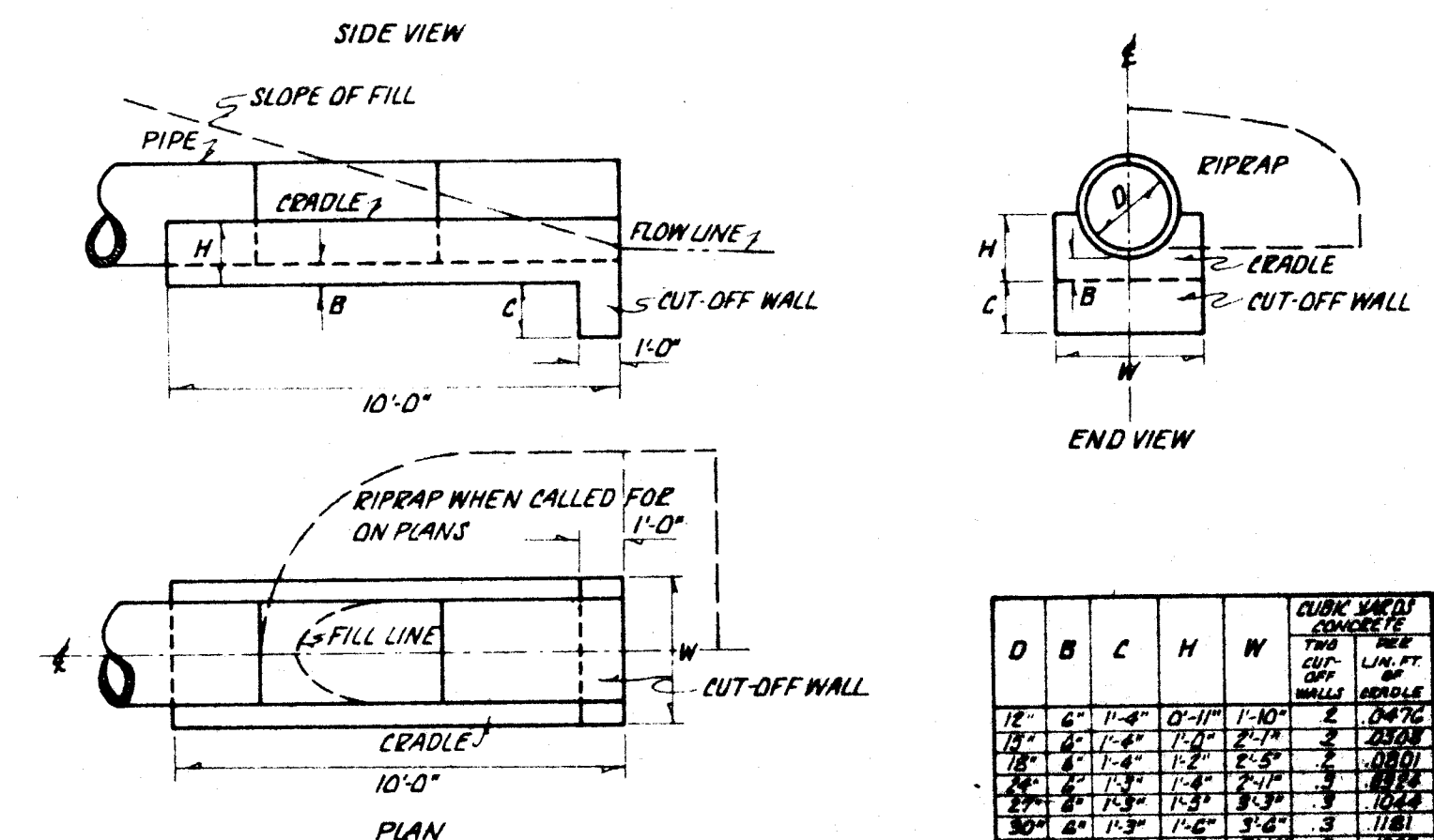
STORM MANHOLE

SCALE 3/8"=1'-0"



STANDARD TYPE E HEADWALL

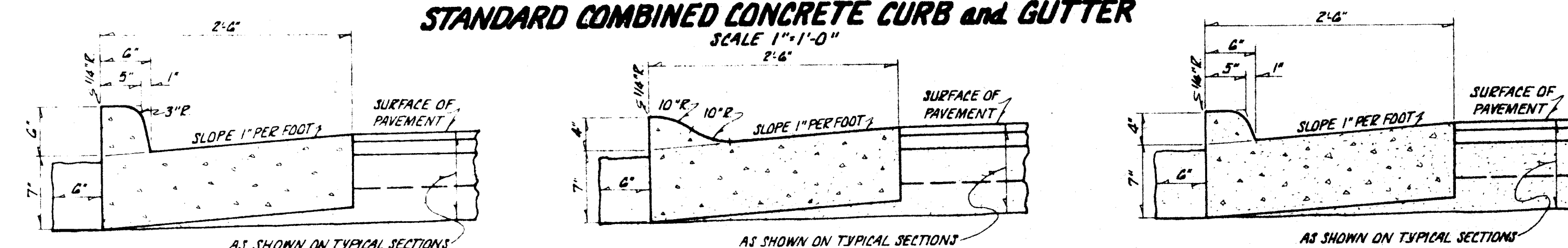
SCALE 1/4"=1'-0"



D	B	C	H	N	DUNE WAF01 COORDINATE TWO QUANTITIES OF SMALL MODULE
12	6	11-4	10-11	1-10	2 D672
18	6	11-4	10-11	2-7A	2 D50A
18	6	1-4	1-4	1-5	2 D801
18	6	11-4	10-11	1-10	2 D672
30	6	11-4	10-11	2-7A	2 D50A
30	6	1-4	1-4	1-5	2 D801
30	6	11-4	10-11	1-10	2 D672
30	6	11-4	10-11	2-7A	2 D50A
30	6	1-4	1-4	1-5	2 D801
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30	6	11-4	10-11	2-7A	2 D50A
30	6	1-4	1-4	1-5	2 D801
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30	6	11-4	10-11	2-7A	2 D50A
30	6	1-4	1-4	1-5	2 D801
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30	6	11-4	10-11	2-7A	2 D50A
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30	6	11-4	10-11	2-7A	2 D50A
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30	6	11-4	10-11	1-10	2 D672
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30	6	1-4	1-4	1-5	2 D801
30	6	11-4	10-11	1-10	2 D672
30	6	11-4	10		

STANDARD COMBINED CONCRETE CURB and GUTTER

SCALE 1"=1'-0"



P. and F. ESTATES

ROADWAY and STORM

**STANDARD
DETAIL
SHEET**

SHISLER-MUNSINGER and HOOVER
CONSULTING ENGINEERS and SURVEYORS
2011 FULTON ROAD, N.W., CANTON, OHIO 44709

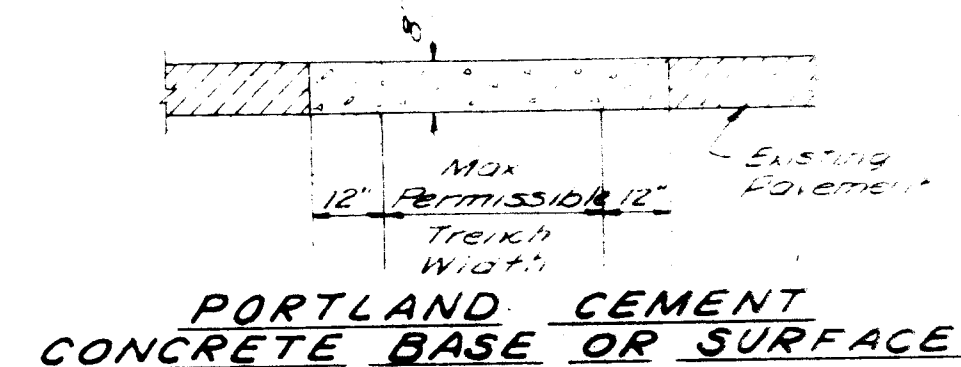
SCALE: AS NOTED	JUNE, 1974	SHEET 6 of 6
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MANHOLE FRAME & COVER

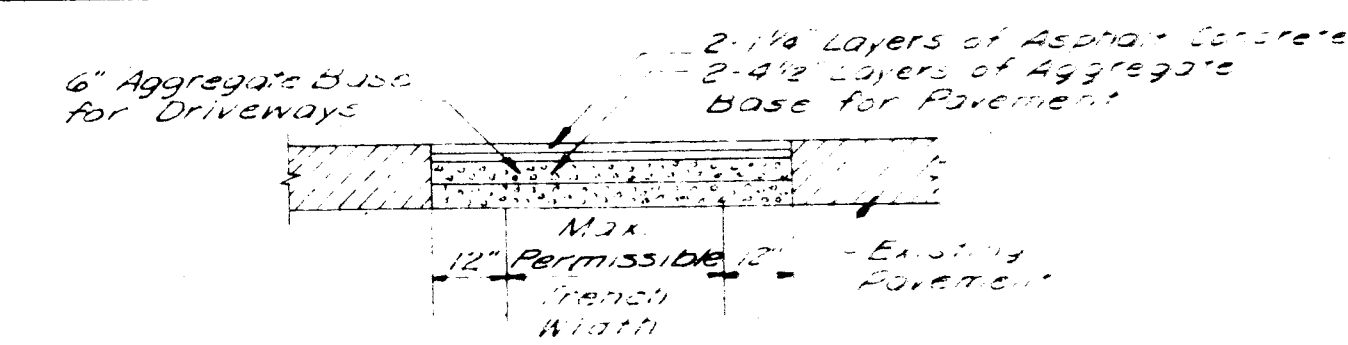
- (a) VEENAH - STARK COUNTY SPECIAL
- (b) EAST AKRON CASTING CO., TALLMADGE, OHIO.
- (c) FRAME NO 155 - WEIGHT 345 LBS
- COVER NO 156 - WEIGHT 154 LBS.
- (c) OR EQUAL

NOTE:

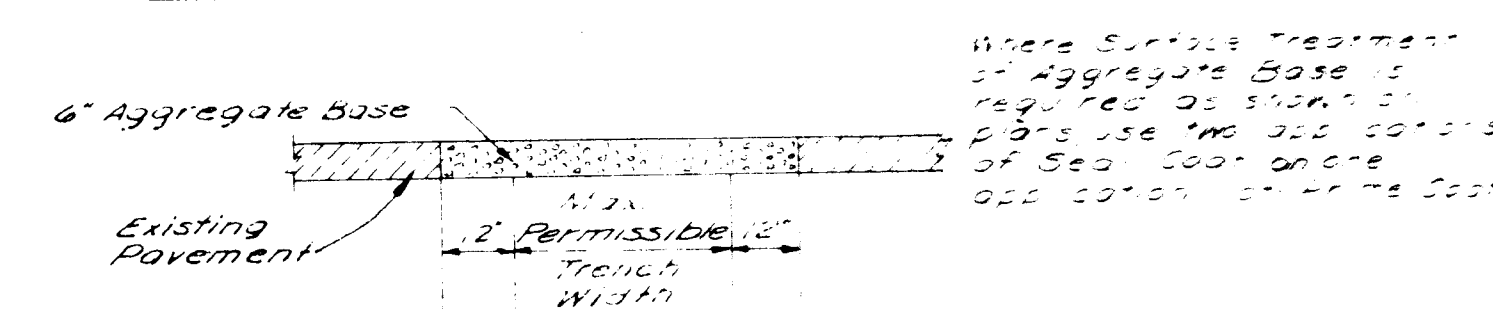
INFILTRATION RATE SHALL NOT EXCEED 250 GAL./IN DIA./MILE/DAY



ASPHALT CONCRETE SURFACE COURSE
PORTLAND CEMENT CONCRETE BASE COURSE



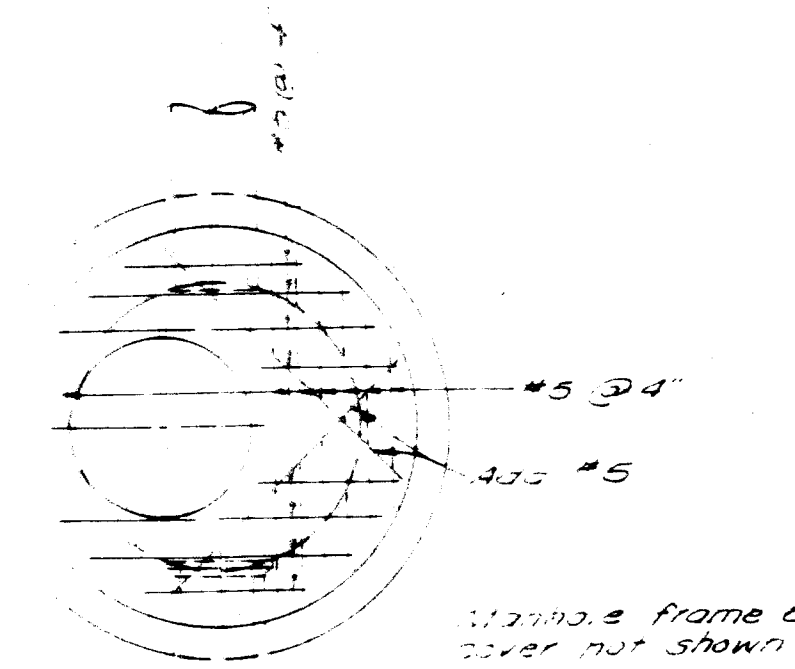
ASPHALT CONCRETE SURFACE COURSE
AGGREGATE BASE COURSE



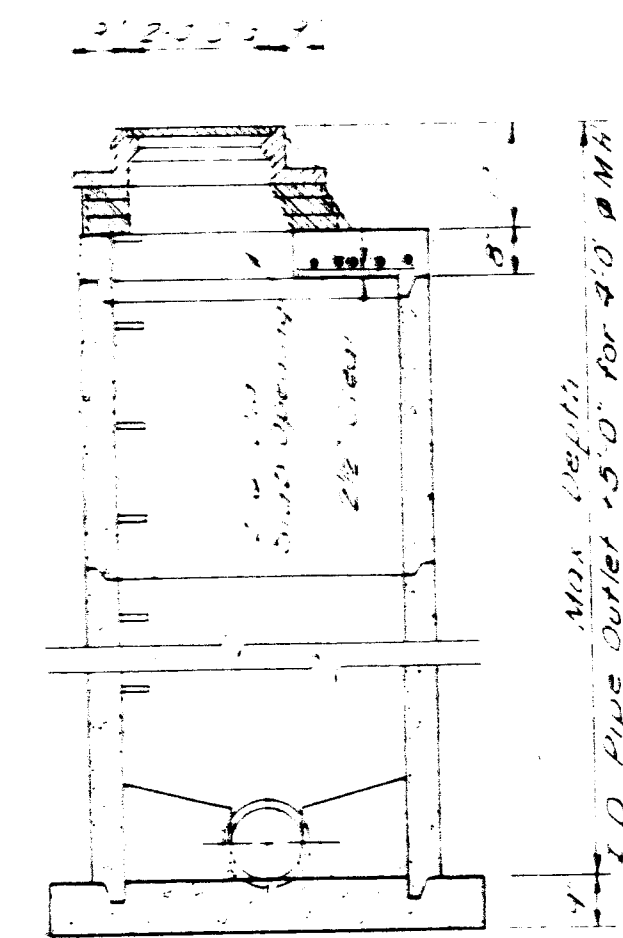
AGGREGATE BASE
TYPICAL PAVEMENT
REPLACEMENT SECTIONS

NOTE:

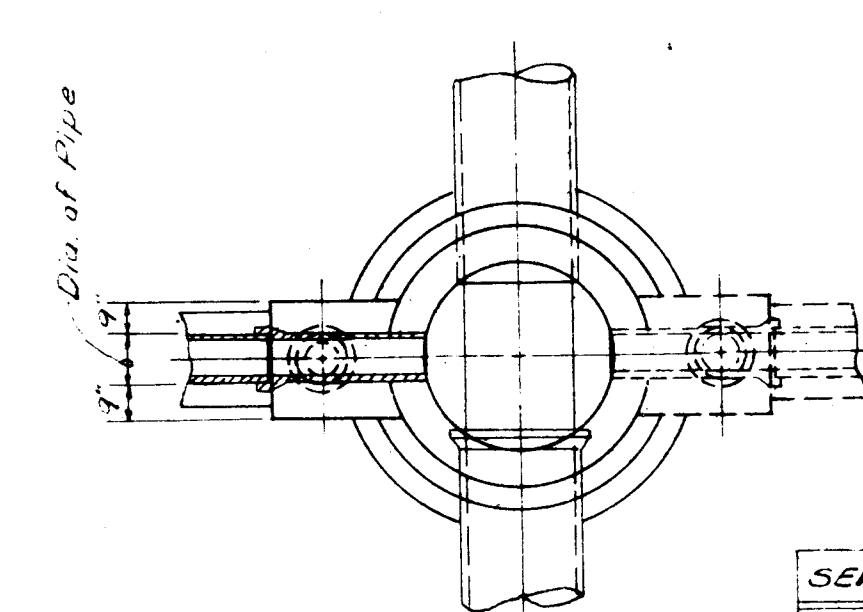
PAVEMENT PAYMENT LIMITS
IS I.D. OF PIPE PLUS 4'-0"



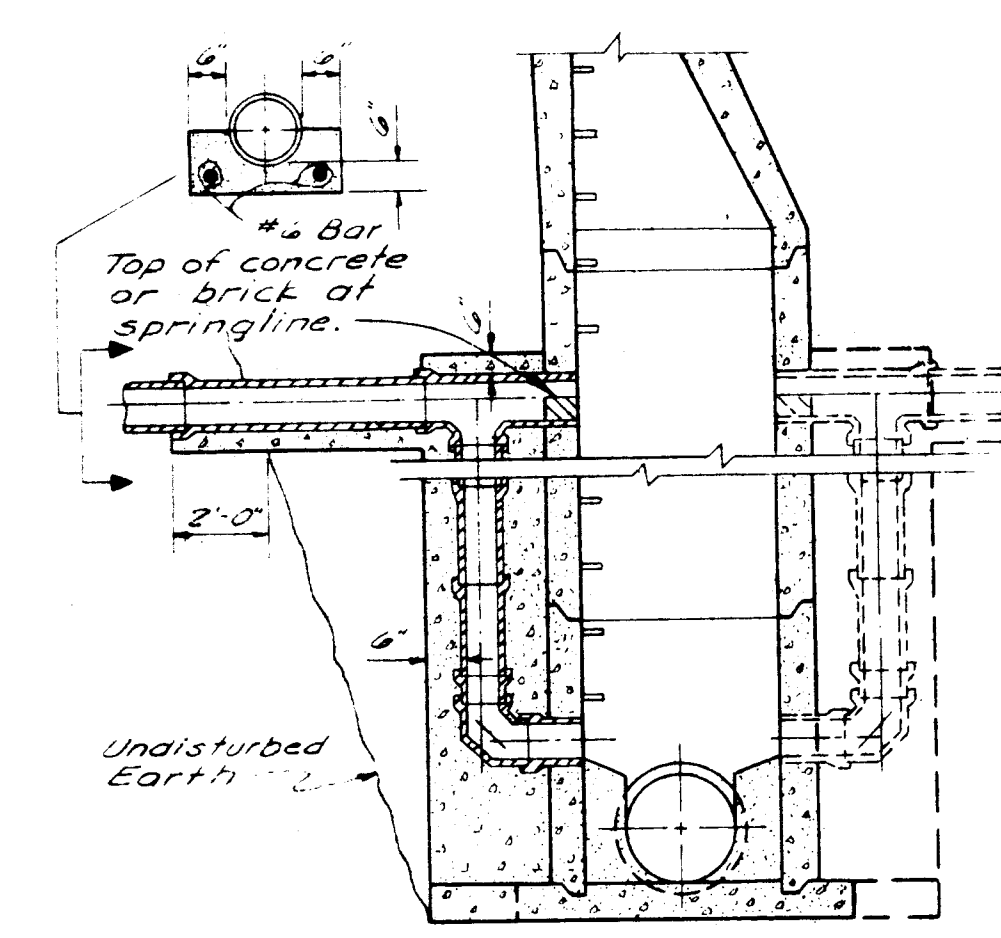
PLAN



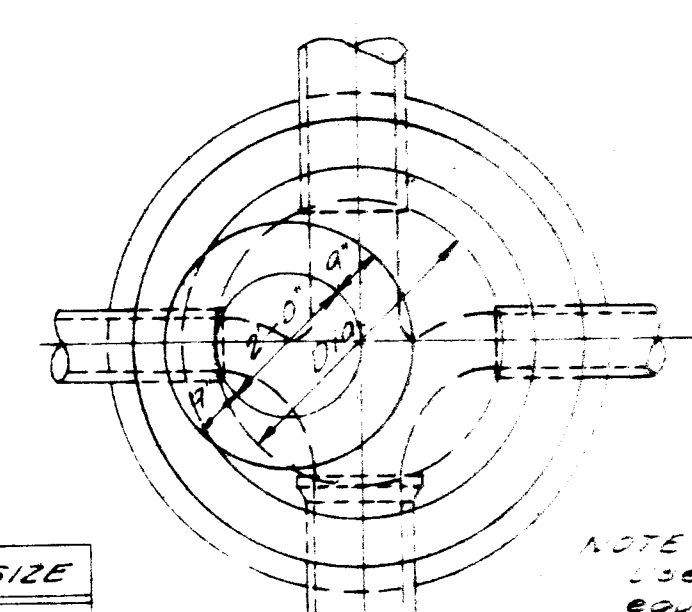
SECTION
SHALLOW MANHOLE



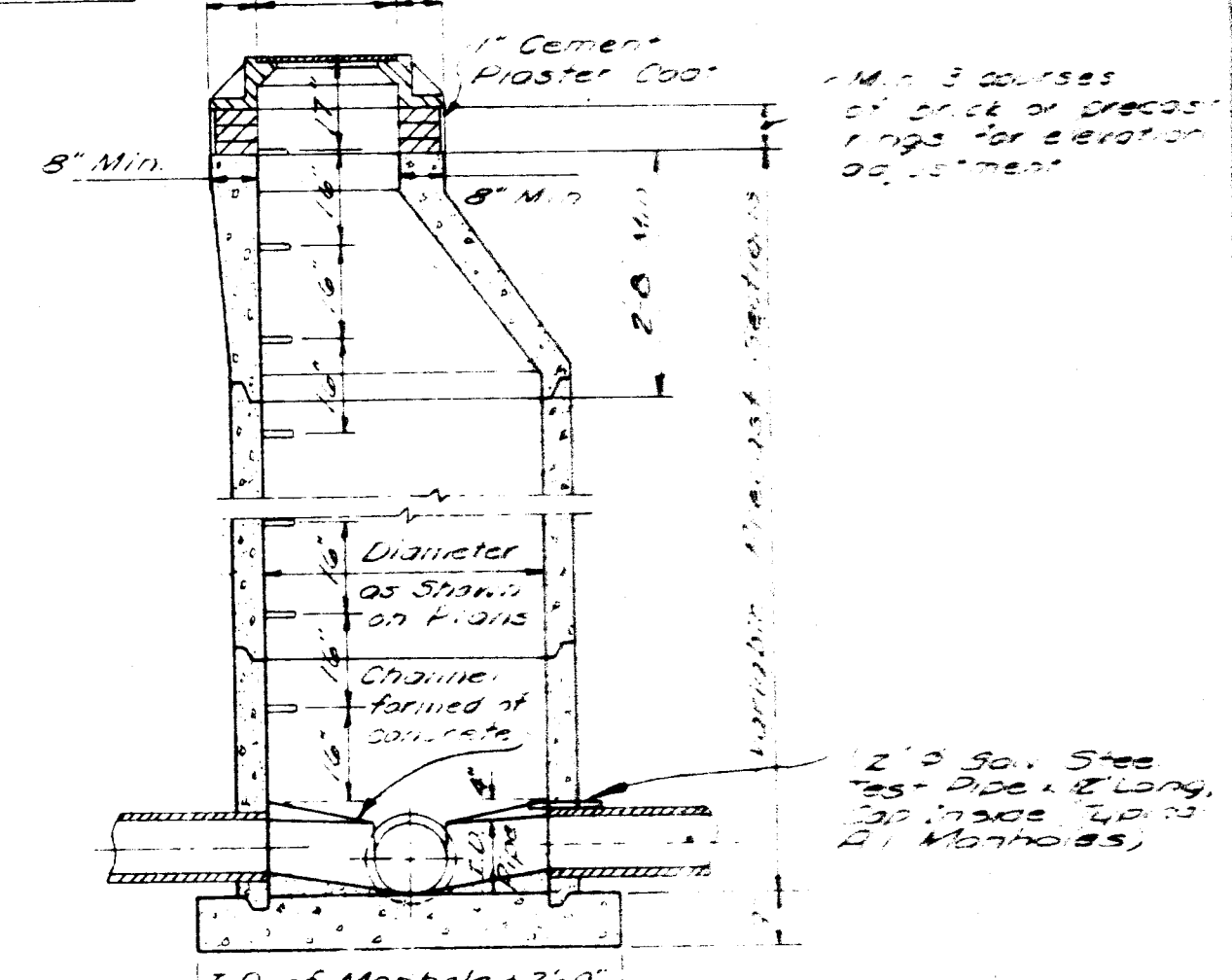
PLAN



SECTION
DROP MANHOLE



PLAN

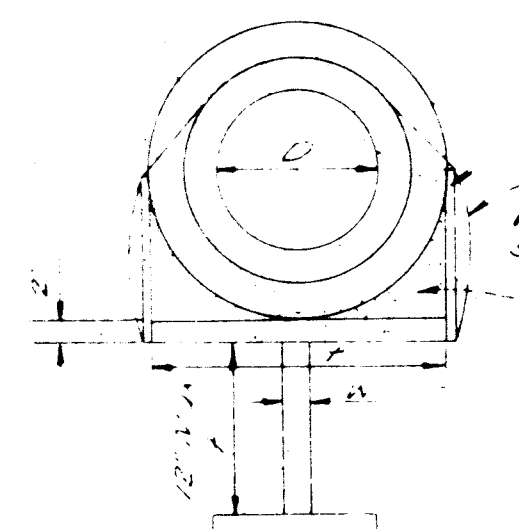


SECTION
PRECAST MANHOLE

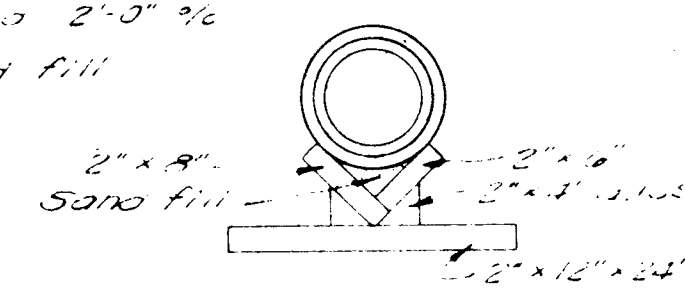
SEWER SIZE	DROP SIZE
8"	8"
10"	10"
12"-15"-18"	12"
21"-24"	15"
27"-30"-36"	18"

NOTE: Use Veenah R-400-E or equal Cast Iron Manhole Steels

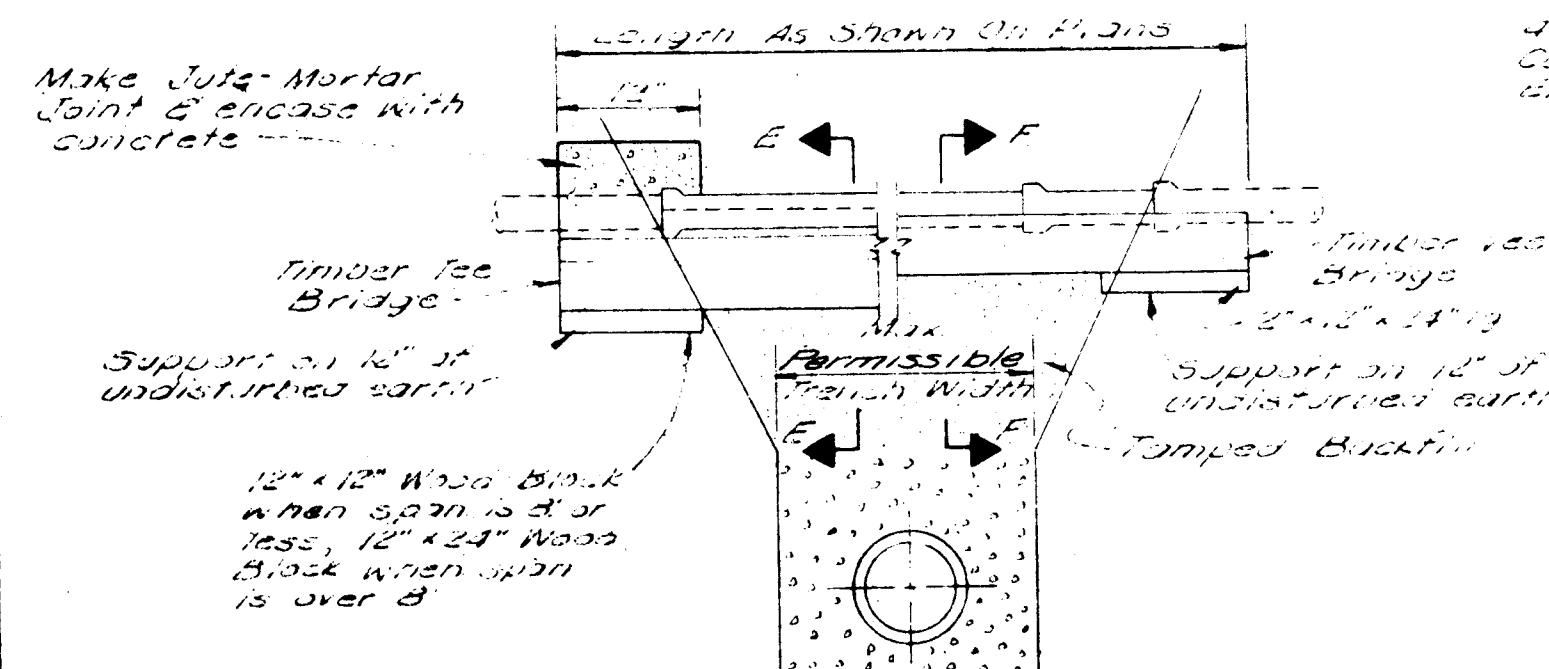
D	4"	6"	8"	10"	12"	15"	18"
T	8"	12"	16"	18"	22"	24"	28"
W	2"	2"	3"	3"	3"	3"	3"



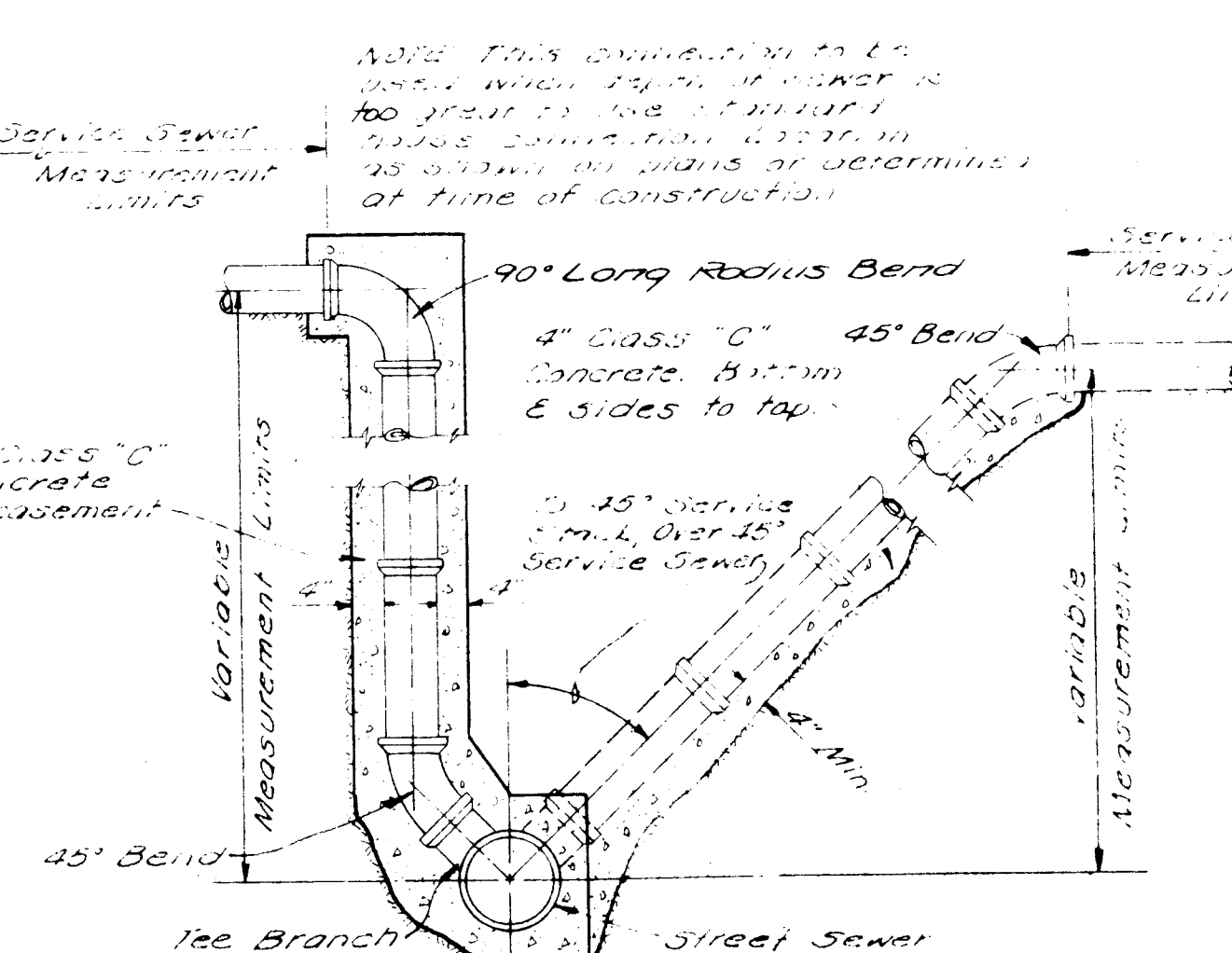
SECTION E-E



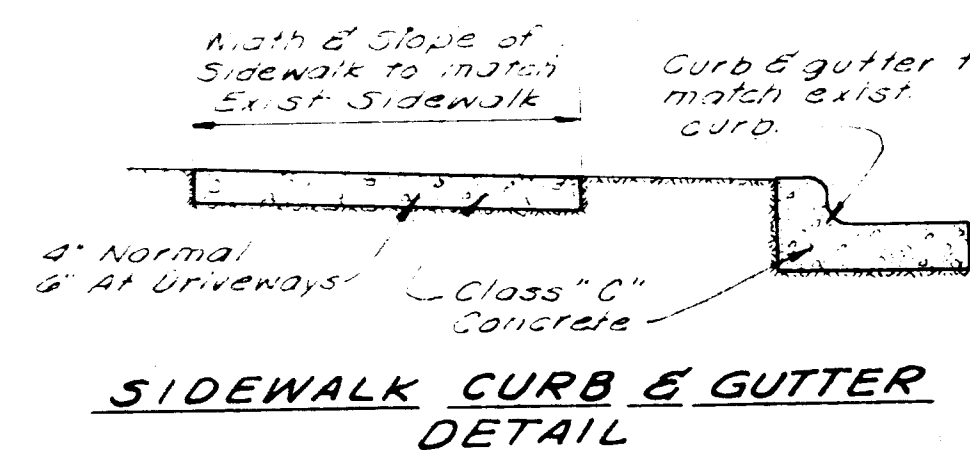
SECTION F-F



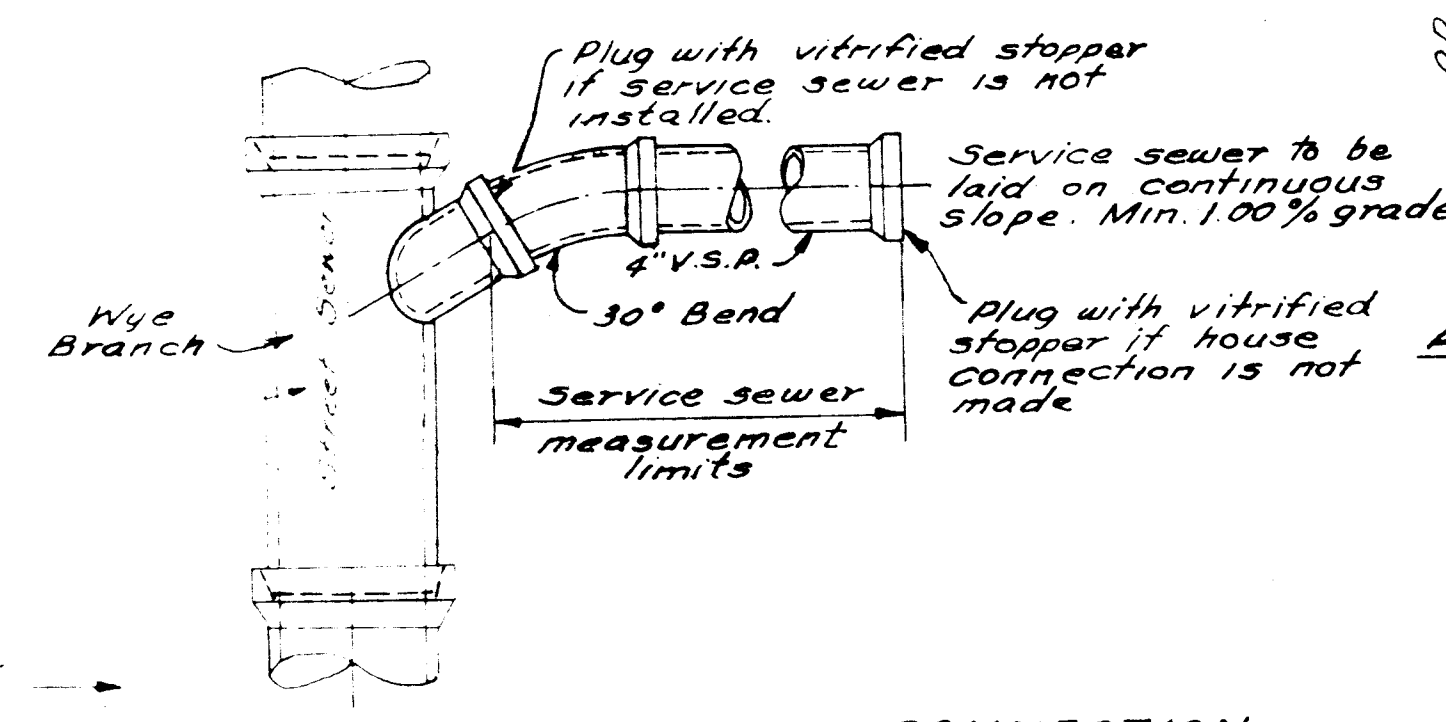
RESTORE EXIST. SEWER
PIPE LINES



TYPICAL SERVICE STACK

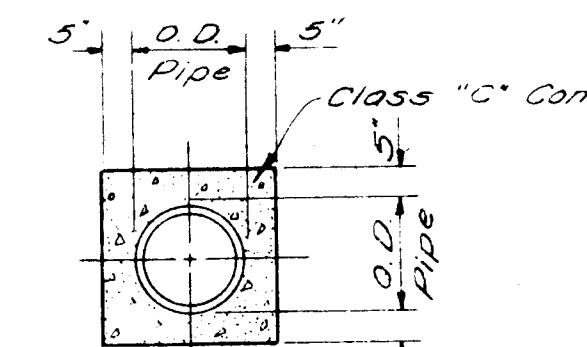


SIDEWALK CURB & GUTTER
DETAIL

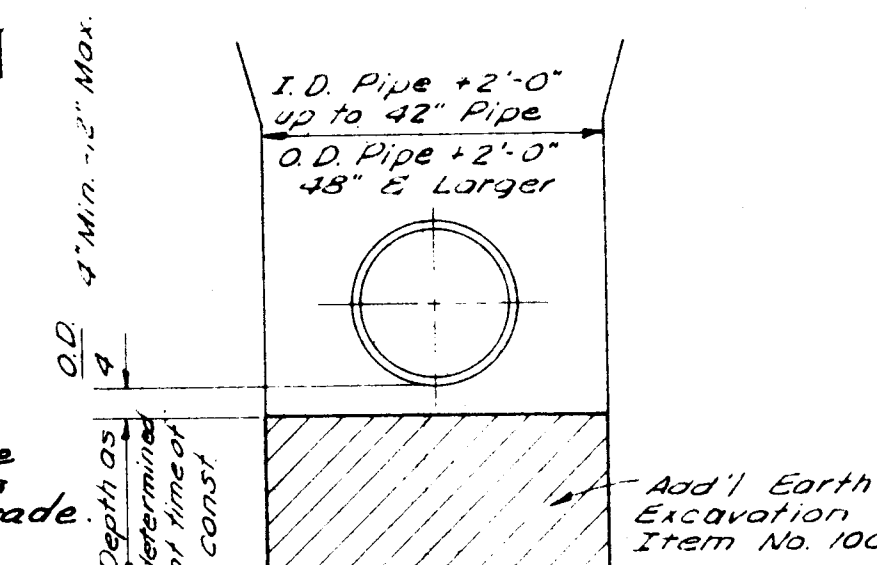


STANDARD SERVICE CONNECTION

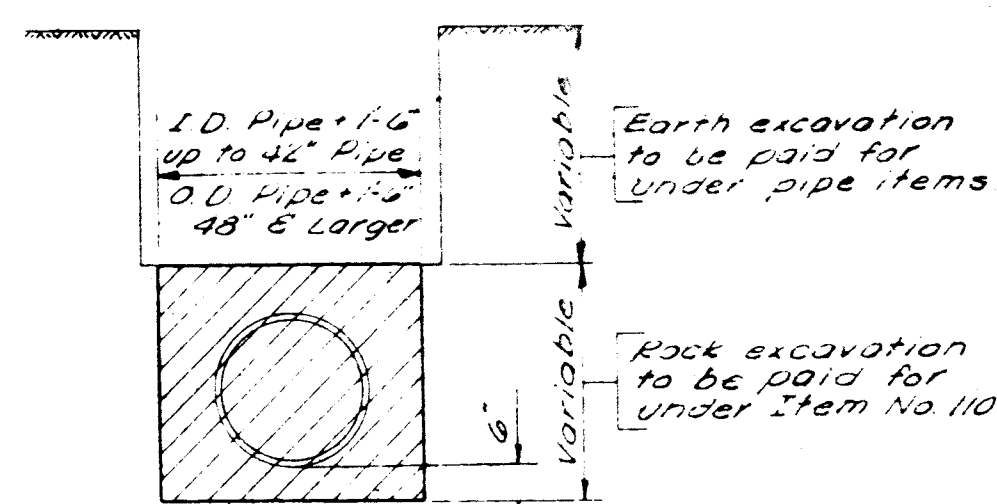
RECONNECTION OF EXISTING
SERVICE SEWER



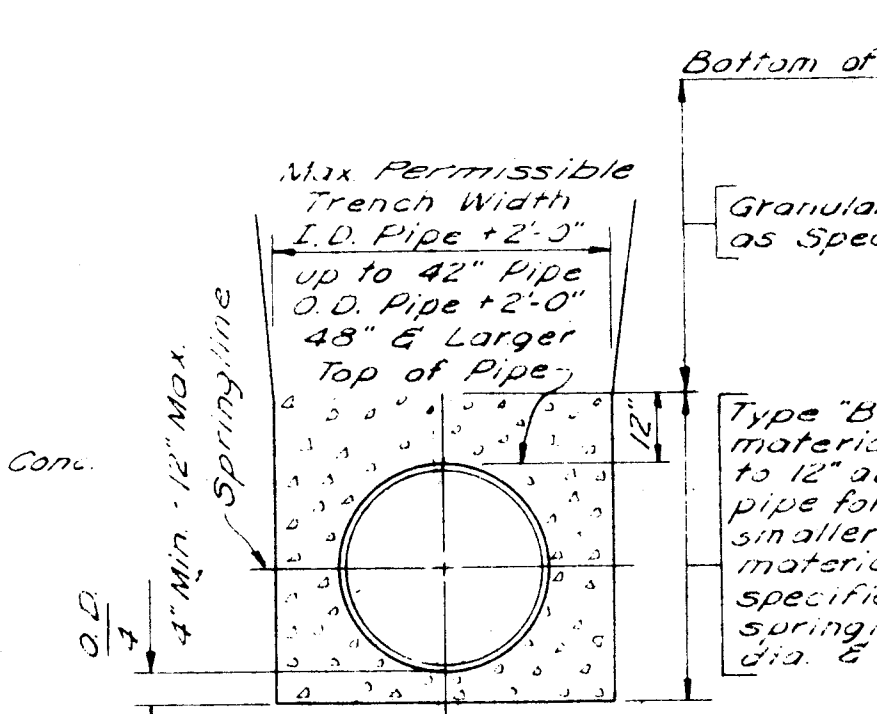
TYPICAL PIPE
ENCASEMENT



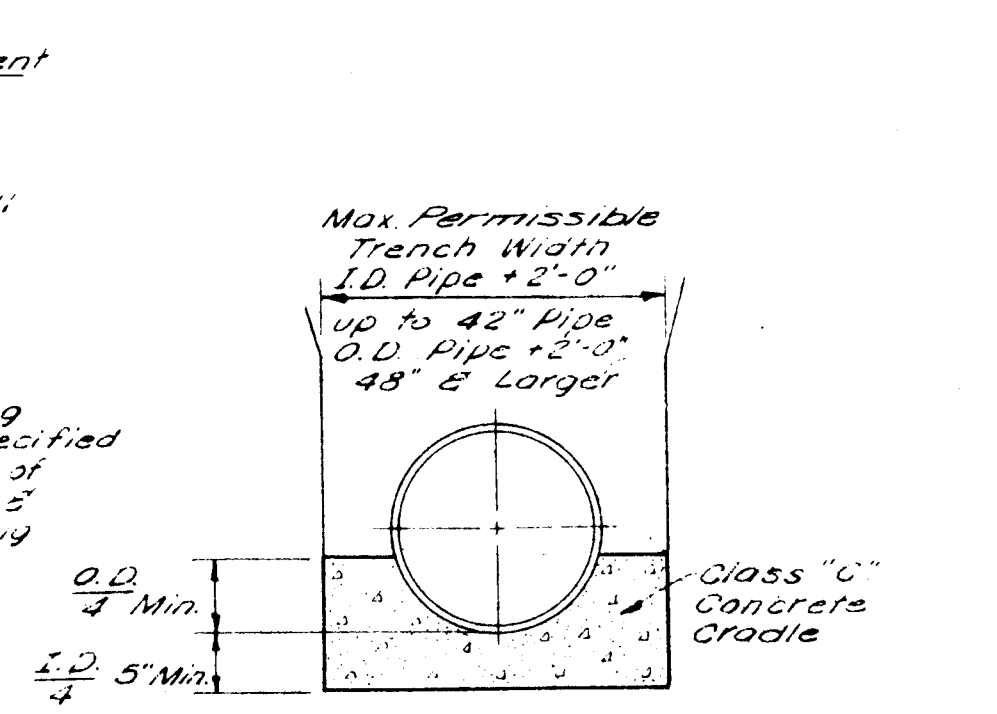
ADDITIONAL EARTH EXCAVATION
PAYMENT LIMITS



ROCK EXCAVATION
PAYMENT LIMITS



STANDARD BEDDING
AND TRENCH DETAIL



TYPE "A" BEDDING

Note: All details on this drawing are not necessarily applicable to this contract.

NO	REVISION DATA	DATE	BY	APPD
1	REVISED	11-3-71	O.B.	

DEPARTMENT OF SANITARY ENGINEERING			
STARK COUNTY, OHIO			
DATE OCT. 1, 1971	JOB NO.	DRAWN	CHECKED
SCALE	DWG. NO.	TRACED	APPROVED

STANDARD DETAIL SHEET