

DATE	BY	DATE	BY
PLAN	SURVEYED	PLOTTED	CHECKED
	NOTE BOOK		NO.

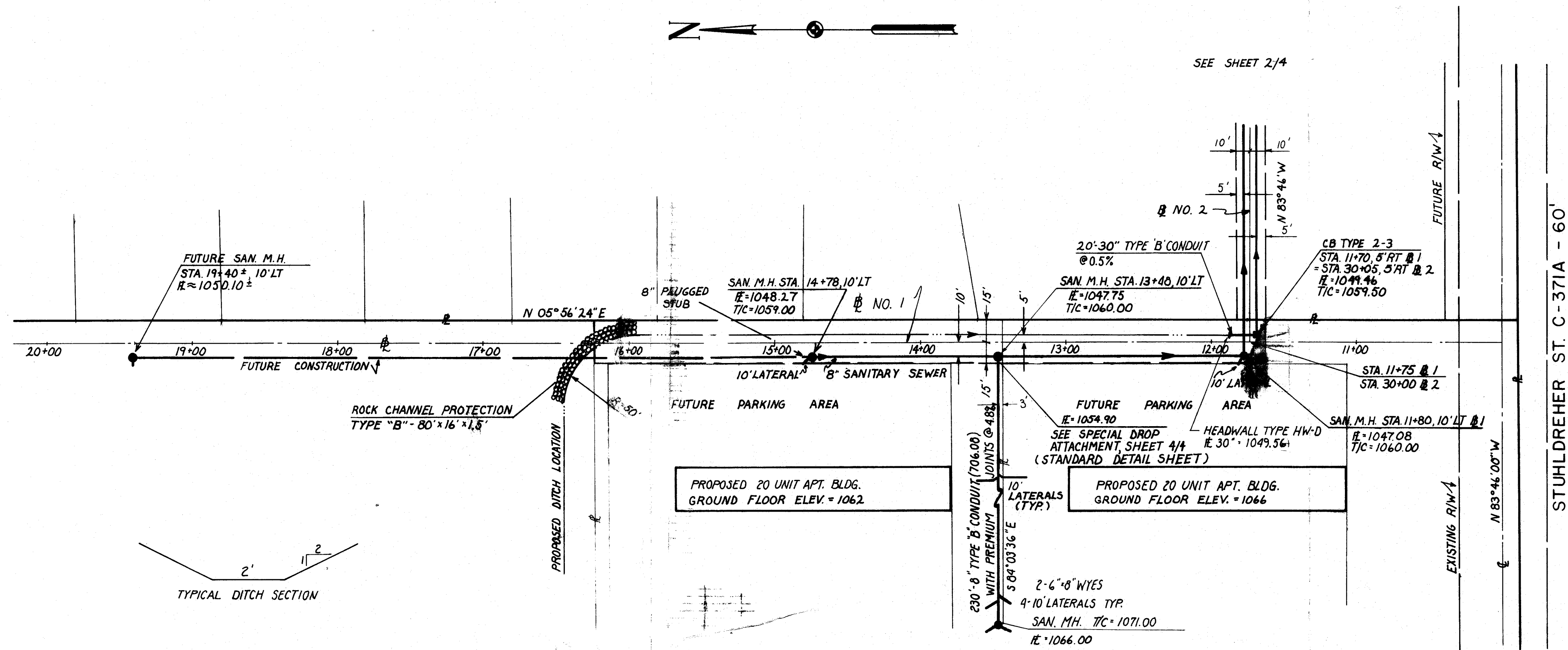
ESTIMATED QUANTITIES			
ITEM*	QUANTITIES	UNIT	DESCRIPTION
SANITARY SEWER			
603	1774	LIN. FT.	8" TYPE "B" CONDUIT (706.08)
603	11	EACH	6" ON 8" WYE WITH PLUG & MARKER
603	130	LIN. FT.	6" TYPE "B" CONDUIT (LATERALS)
603	3	EACH	8" PLUGGED STUB
604	8	EACH	SANITARY MANHOLE
604	1	EACH	DROP ATTACHMENT
STORM SEWER			
603	425	LIN. FT.	30" TYPE "B" CONDUIT
603	177	LIN. FT.	42" TYPE "B" CONDUIT
603	1	EACH	30" PLUGGED STUB
604	1	EACH	2-3 CATCH BASIN COMPLETE
604	2	EACH	2-4 " " " "
604	1	EACH	2-5 " " " "
602	3.1	CU. YD.	CONCRETE MASONRY FOR HEADWALL HW-D
601	71	CU. YD.	ROCK CHANNEL PROTECTION TYPE B

* STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, CONSTRUCTION & MATERIAL SPECIFICATIONS, JANUARY 1, 1973

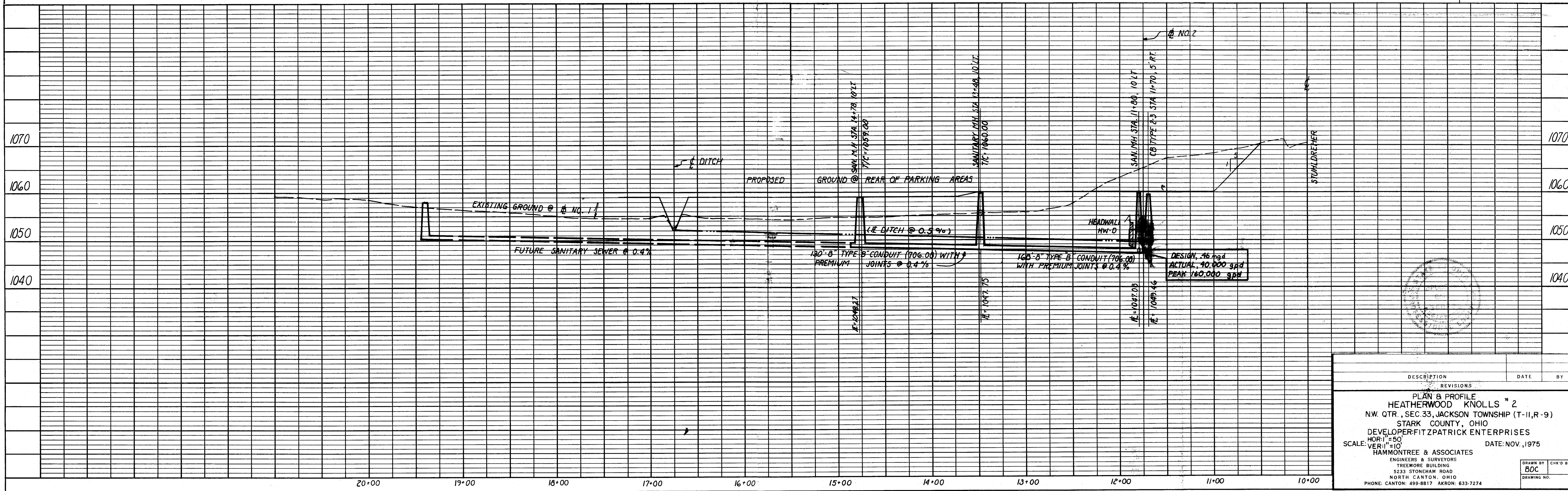
NOTE:
ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.

APPROVED _____ DATE _____
MASSILLON CITY ENGINEER

APPROVED _____ DATE _____
STARK COUNTY SANITARY ENGINEER



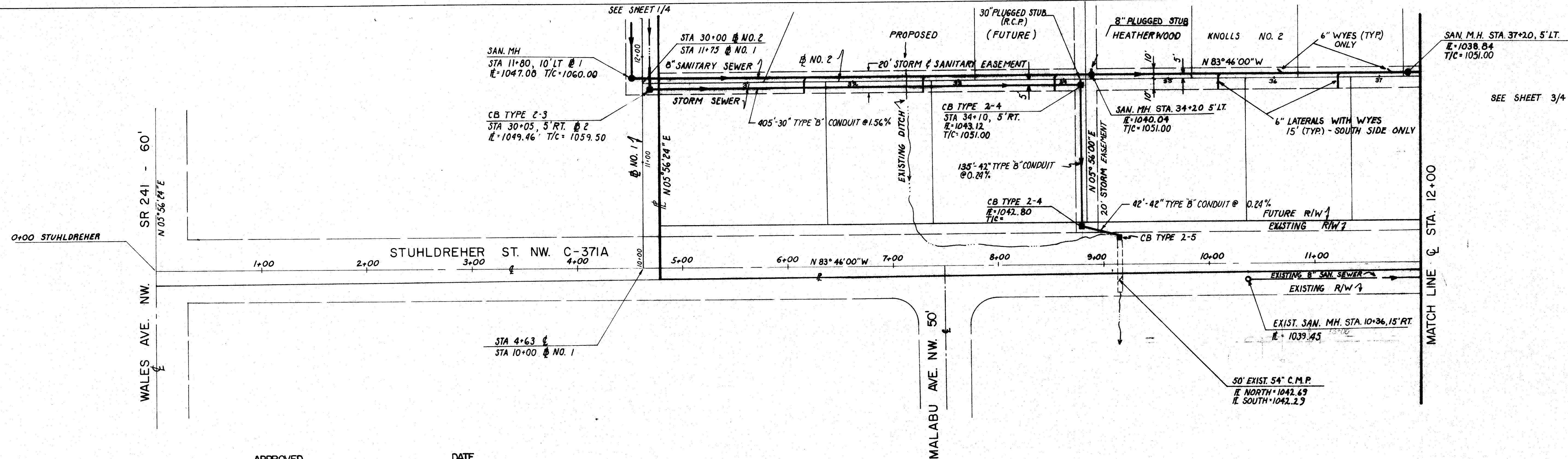
DATE	BY	DATE	BY
PROFILE	SURVEYED	PLOTTED	CHECKED
	NOTE BOOK		NO.



DESCRIPTION	DATE	BY
REVISIONS		
PLAN & PROFILE HEATHERWOOD KNOLLS " 2 NW. QTR., SEC 33, JACKSON TOWNSHIP (T-11, R-9) STARK COUNTY, OHIO DEVELOPER: FITZPATRICK ENTERPRISES SCALE: HOR: 1"=50' VER: 1"=10' HAMMONTREE & ASSOCIATES ENGINEERS & SURVEYORS TREMORE BUILDING 5233 STONEMAN ROAD NORTH CANTON, OHIO PHONE: CANTON: 499-8817 AKRON: 633-7274		
DRAWN BY	CHK'D BY	
BDC		
DRAWING NO.		

PLAN	SURVYD	DATE
NOTE BOOK	PROTD	
ALIGNMENT CHECKED		
BY		
No.		

PROFILE	SURVYD	DATE
NOTE BOOK	PROTD	
GRADES CHECKED		
BY		
No.		



APPROVED _____ DATE _____
MASSILLON CITY ENGINEER

APPROVED _____ DATE _____
STARK COUNTY SANITARY ENGINEER

BENCH MARK:
SPIKE IN P/P 22' LEFT STA 7+16
STUHLREHER
ELEV. = 1049.82

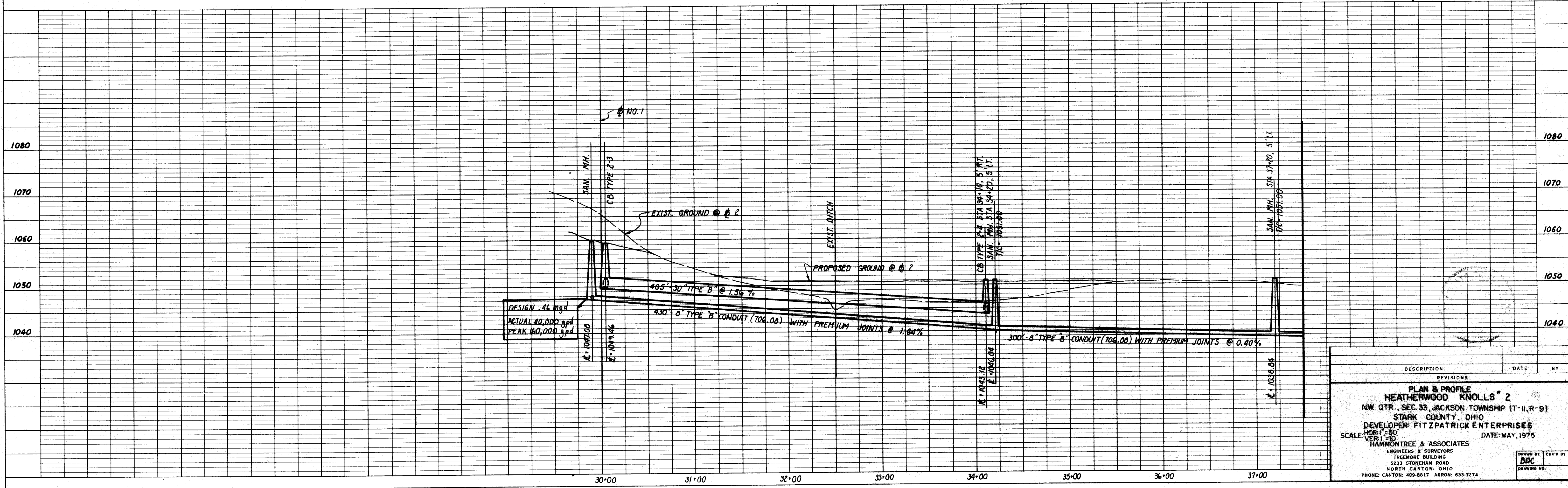
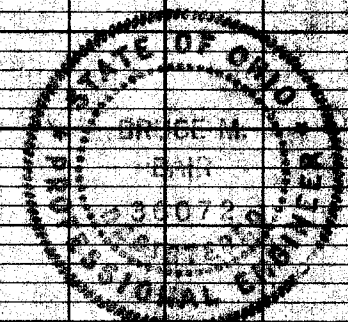
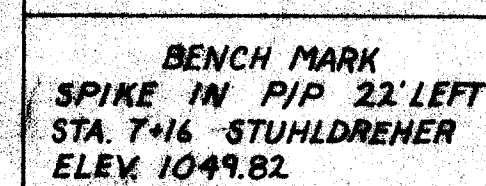


PLATE 1-PLAN PROFILE, O.P. & R.E. STANDARD
MADE AND PRINTED IN U.S.A.
NATIONAL TRACING PAPER

BASELINE NO.2 STA 30+00 to 37+38

DESCRIPTION	REVISIONS	DATE	BY
PLAN & PROFILE HEATHERWOOD KNOLLS NO. 2 NW. QTR., SEC. 33, JACKSON TOWNSHIP (T-11, R-9) STARK COUNTY, OHIO DEVELOPER: FITZPATRICK ENTERPRISES SCALE: HORIZ. = 50' VERT. = 10' HAMMONTREE & ASSOCIATES ENGINEERS & SURVEYORS TREMORE BUILDING 5233 STONEHAM ROAD NORTH CANTON, OHIO PHONE: CANTON: 499-8817 AKRON: 633-7274			



FILED	APR 24 1975	APR 24 1975	BY	FILED
DESCRIPTION		DATE	BY	
REVISIONS				
MAY 1975				
NEATHERWOOD KNOLLS				
NW QTR, SEC 33, JACKSON TOWNSHIP (T-1-R-9)				
STARK COUNTY, OHIO				
DEVELOPER: FITZPATRICK ENTERPRISES				
SCALE: 1"=100'	DATE: MAY 1975			
RAIN-CREEK, 8 ASSOCIATES				
ENGINEER & SURVEYORS				
TREHARNS BUILDING				
5033 BRUNER ROAD				
NORTH CANTON, OHIO				
PHONE CANTON: 499-9677, AERON: 852-3274				
		DRAWN BY	CHECK BY	
		DATE		

STUNDRIDGE STREET STA. 12+00 TO 27+00
BASELINE NO. 2 STA. 37+36 TO 40+41
REV 9/14/96 PROPOSED SAN SEWER PROFILE

APPROVED _____ DATE _____
MASSILLON CITY ENGINEER

APPROVED _____ DATE _____
STARK COUNTY SANITARY ENGINEER

PIPE	QTY.	SIZE	TYPE	GRADE	£ IN	£ OUT
P ₂₁	36'	15"	D	1.0%	1040.95	1040.59

PLATE 1-PLAN PROFILE O. P. R. & R. E. STANDARD
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NATIONAL TRACING PAPER

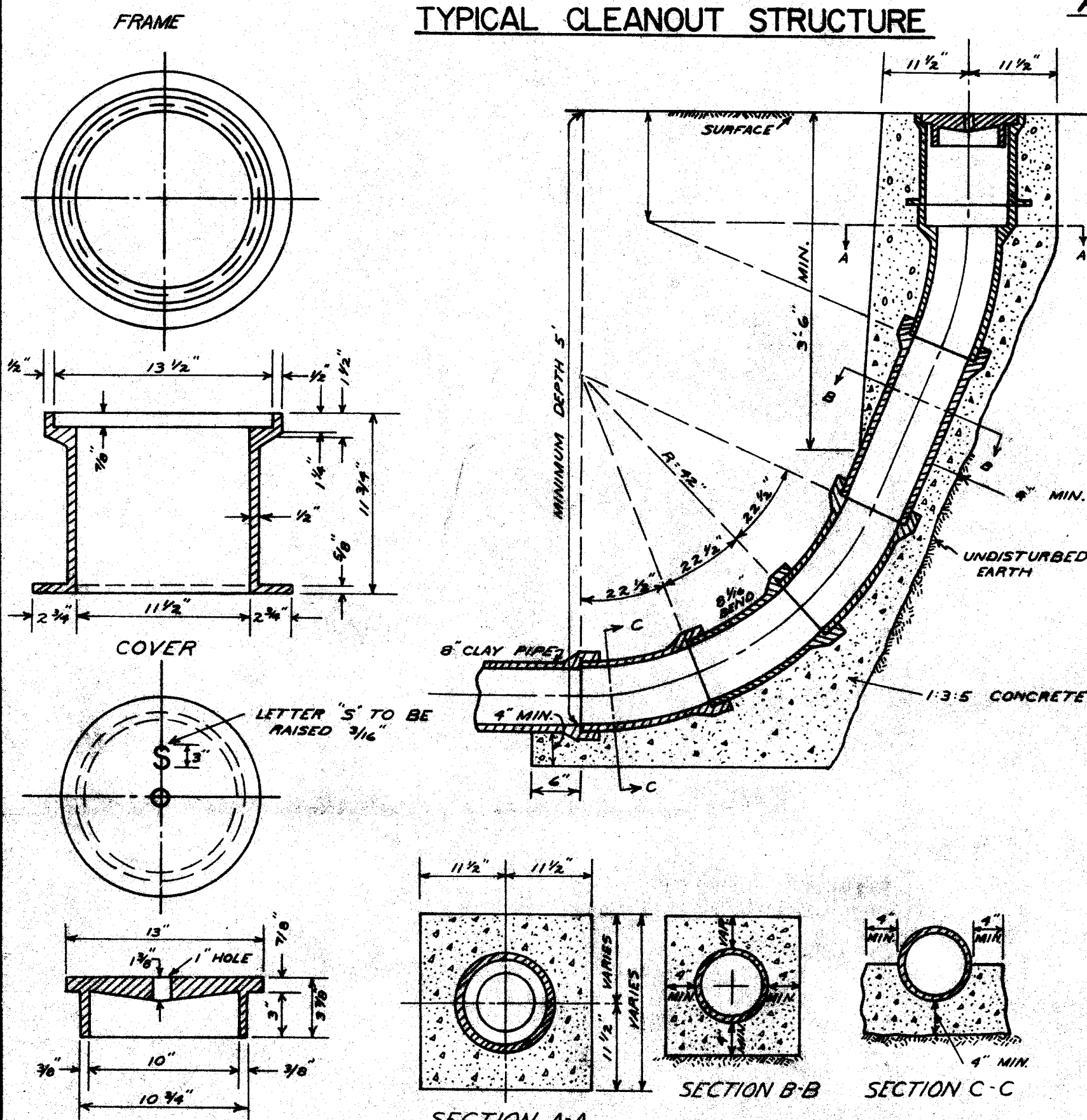
MANHOLE FRAME & COVER

- (a) NEENAH - 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

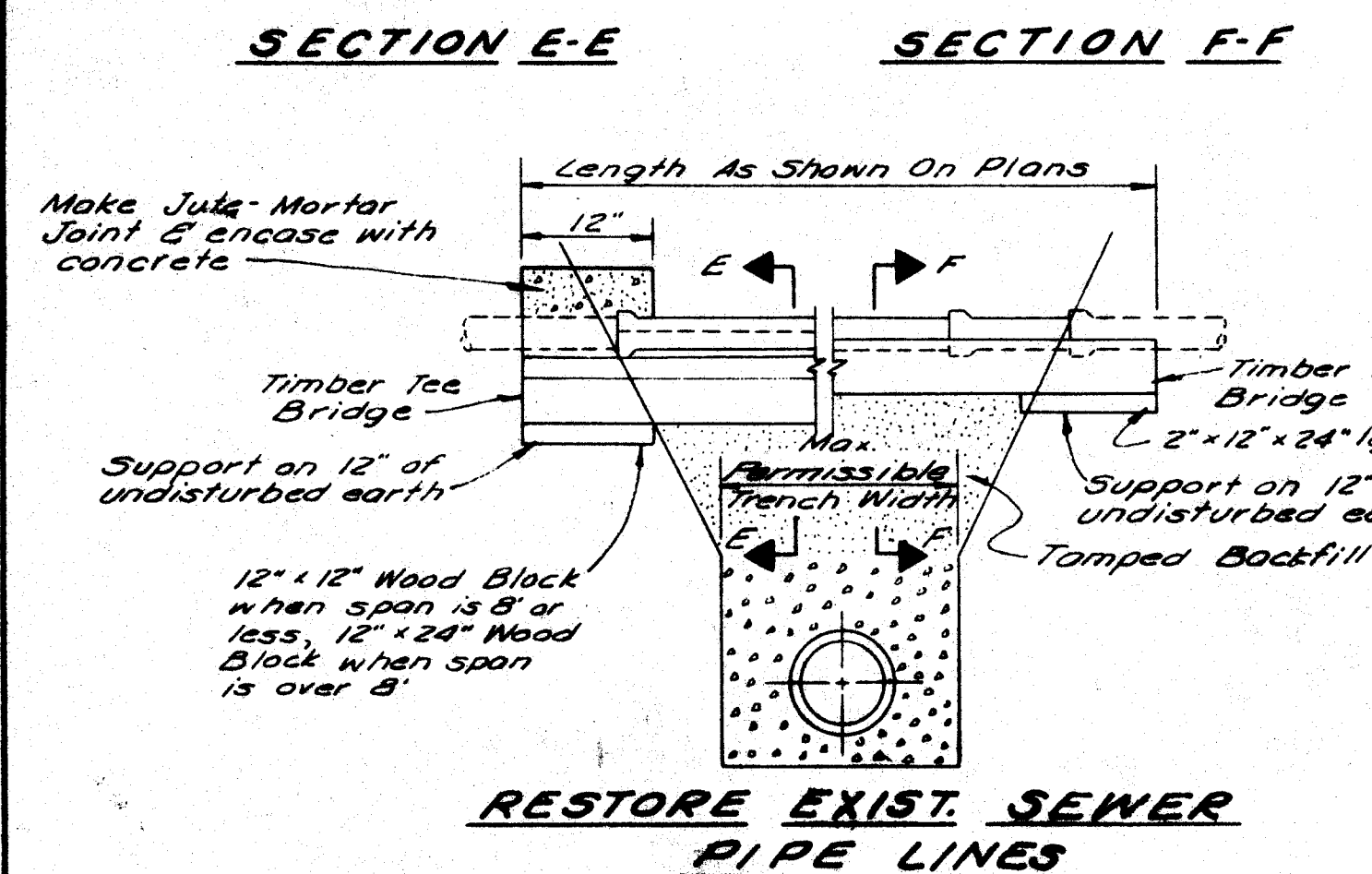
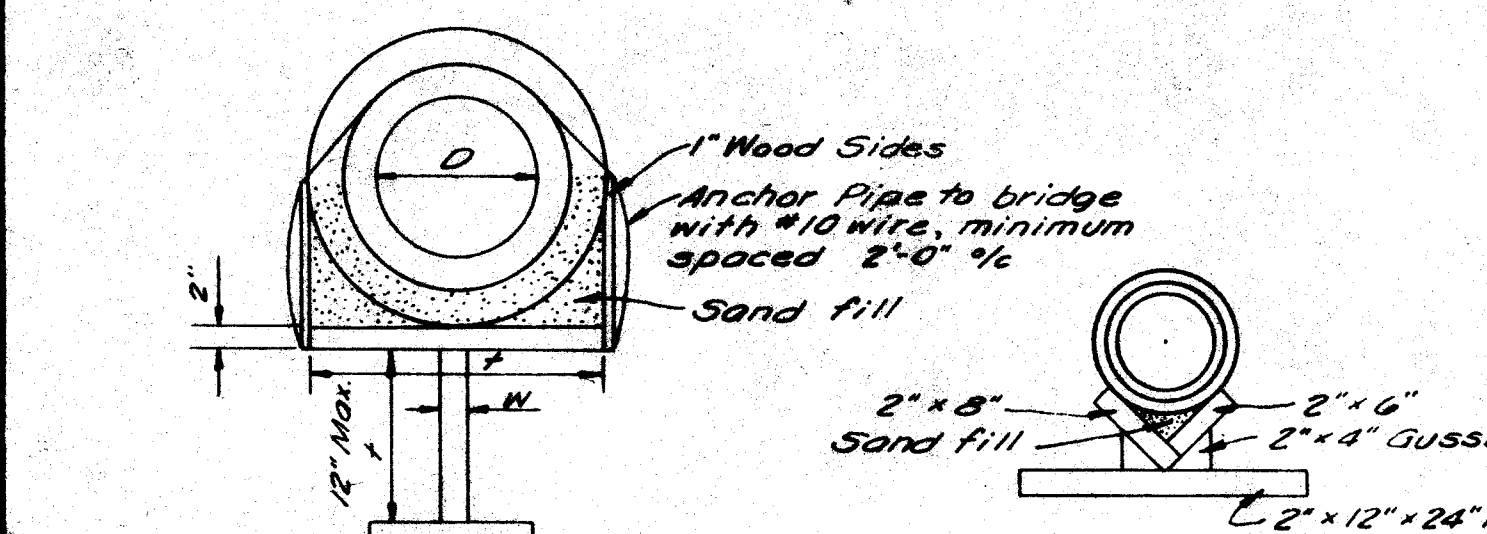
NOTE:

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

TYPICAL CLEANOUT STRUCTURE

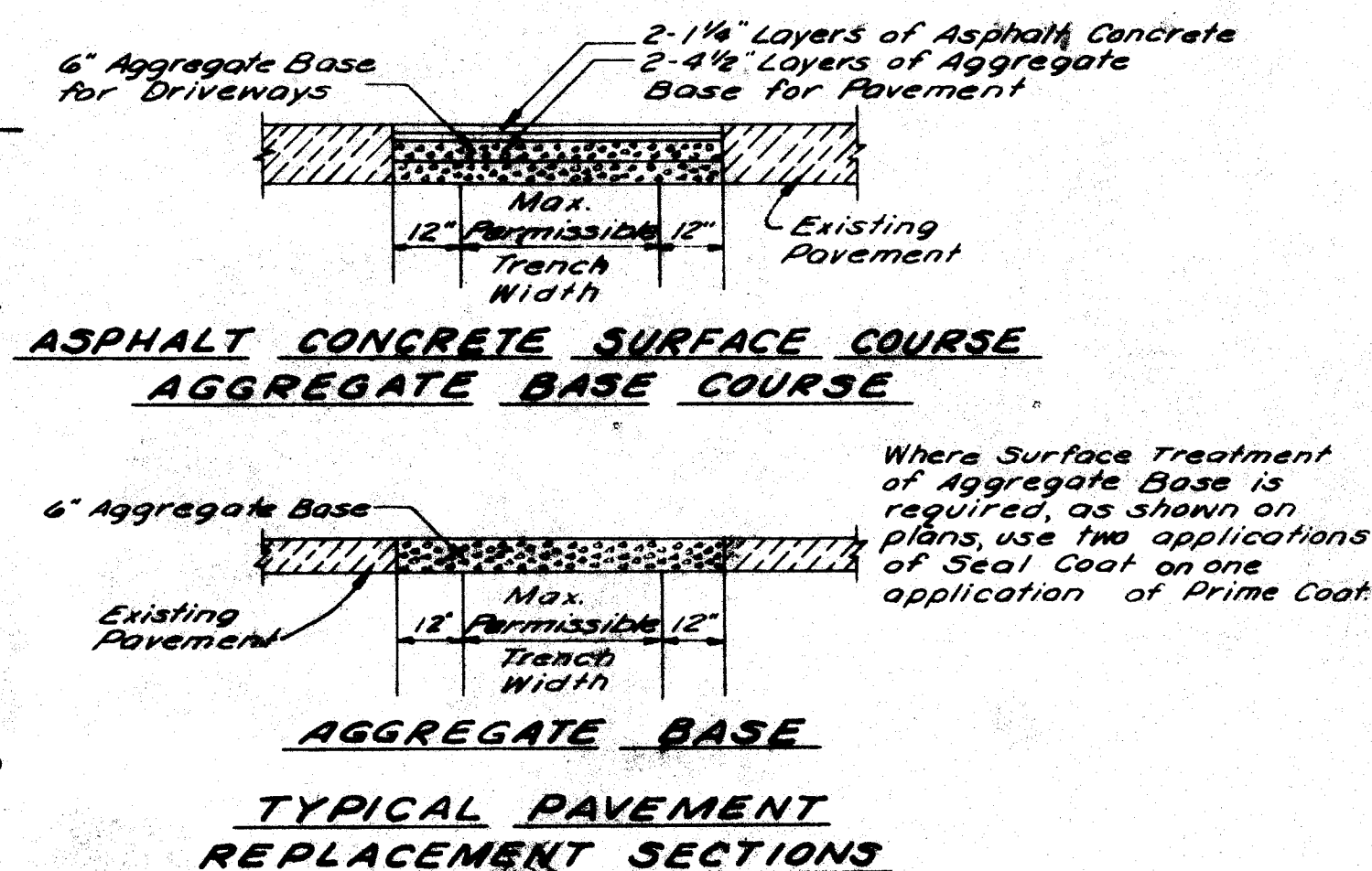


D	4"	6"	8"	10"	12"	15"	18"
F	8"	12"	16"	18"	20"	24"	
N	2"	2"	3"	3"	3"	3"	



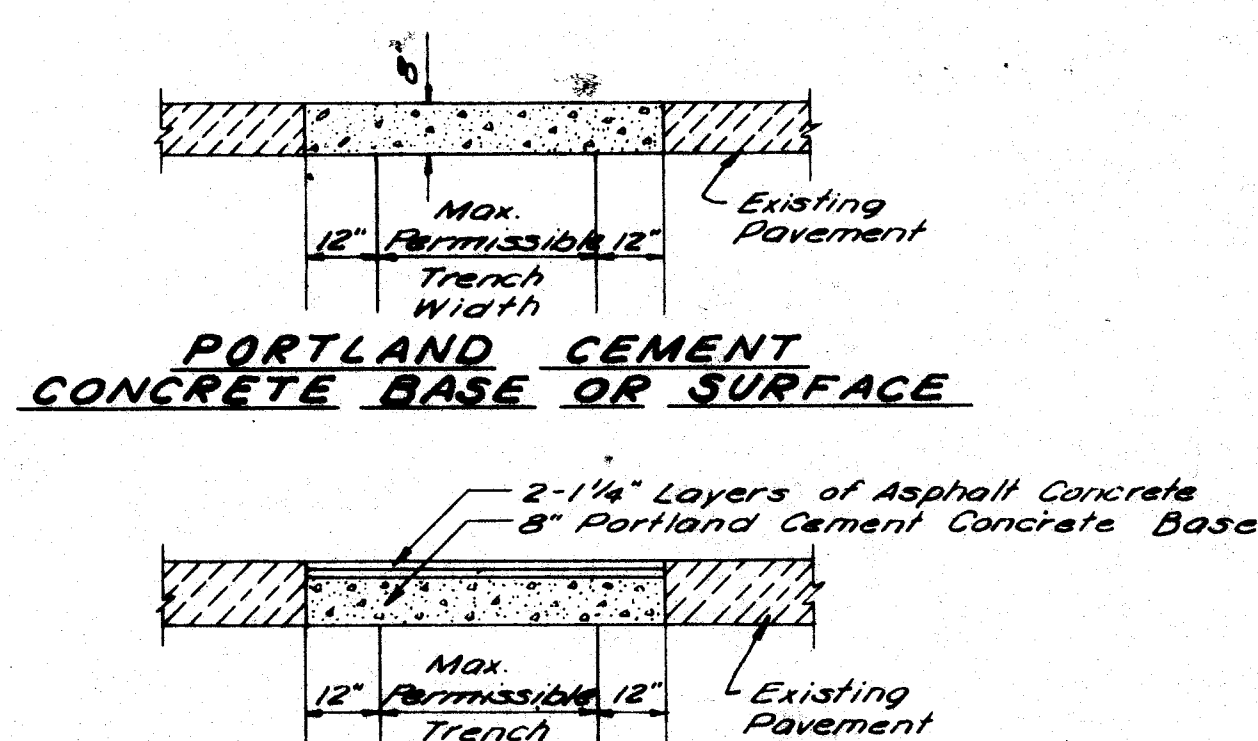
RESTORE EXIST. SEWER PIPE LINES

ASPHALT CONCRETE SURFACE COURSE PORTLAND CEMENT CONCRETE BASE COURSE

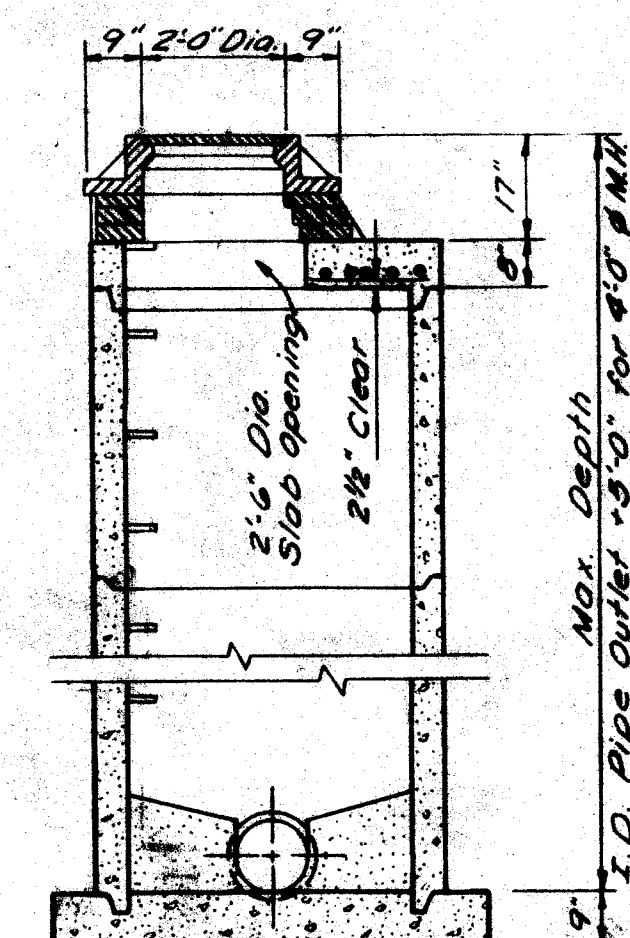


NOTE:

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

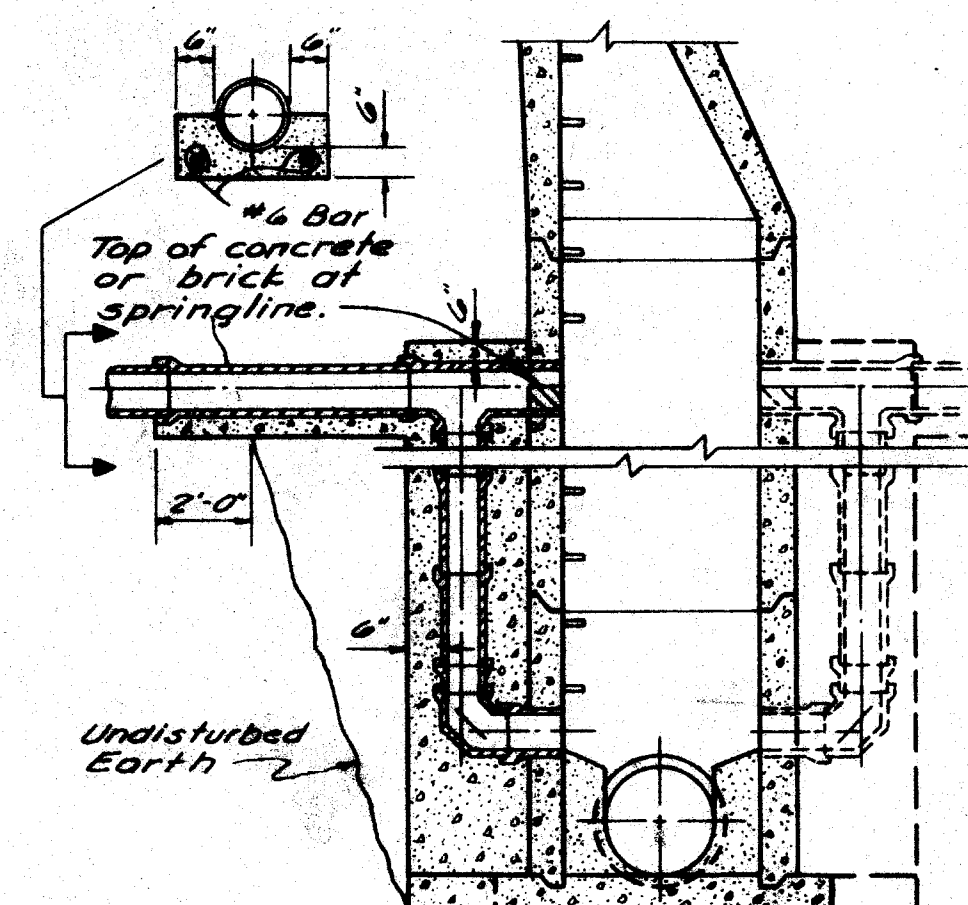


PLAN



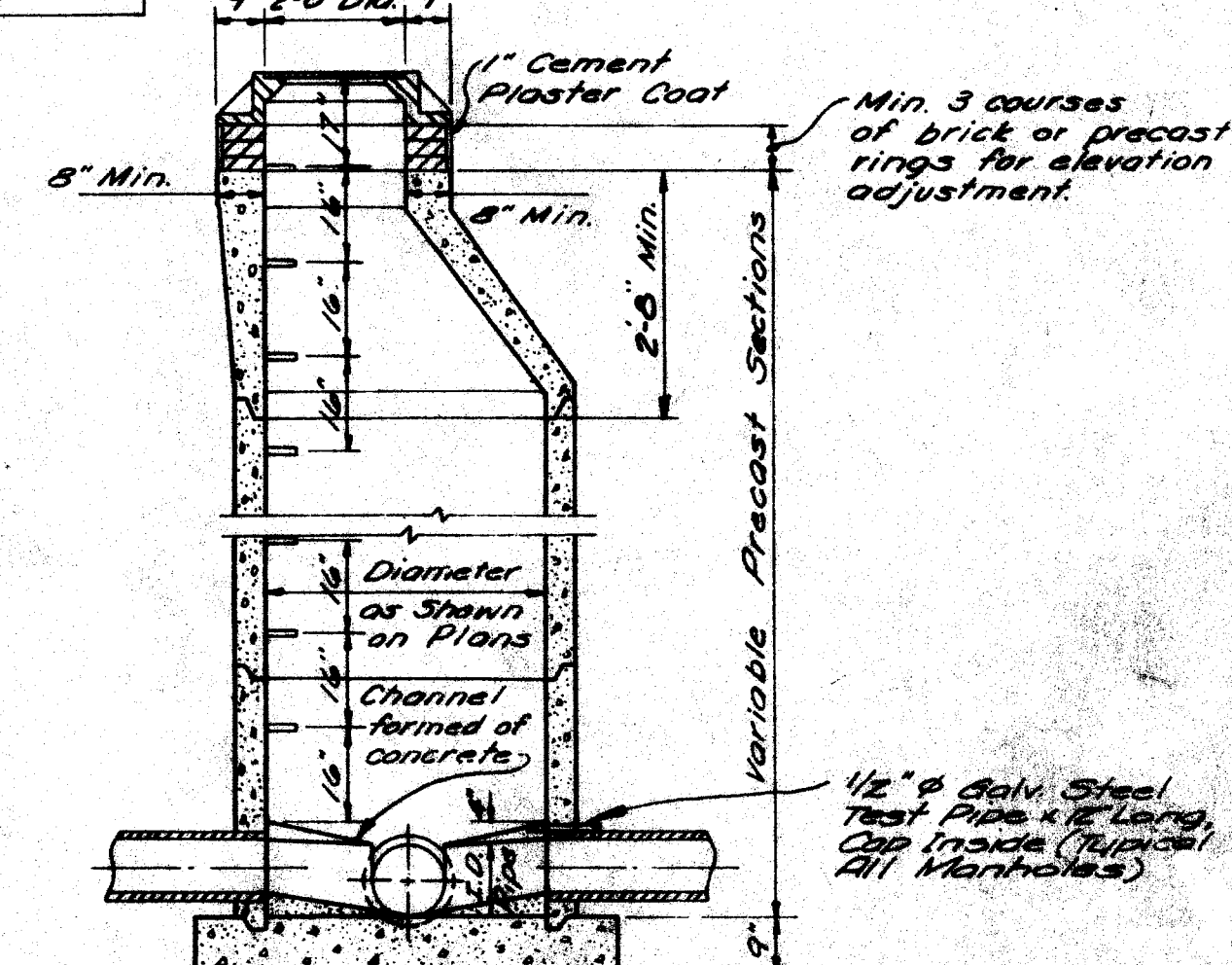
SECTION SHALLOW MANHOLE

PLAN

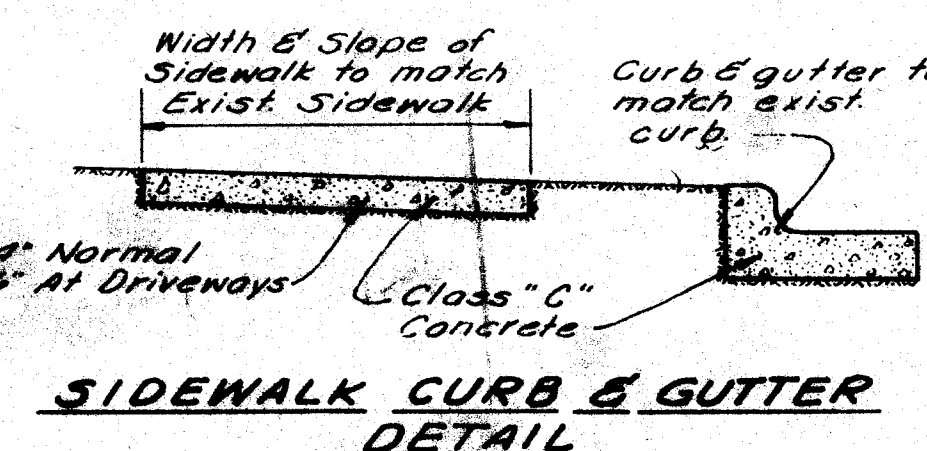


SECTION DROP MANHOLE

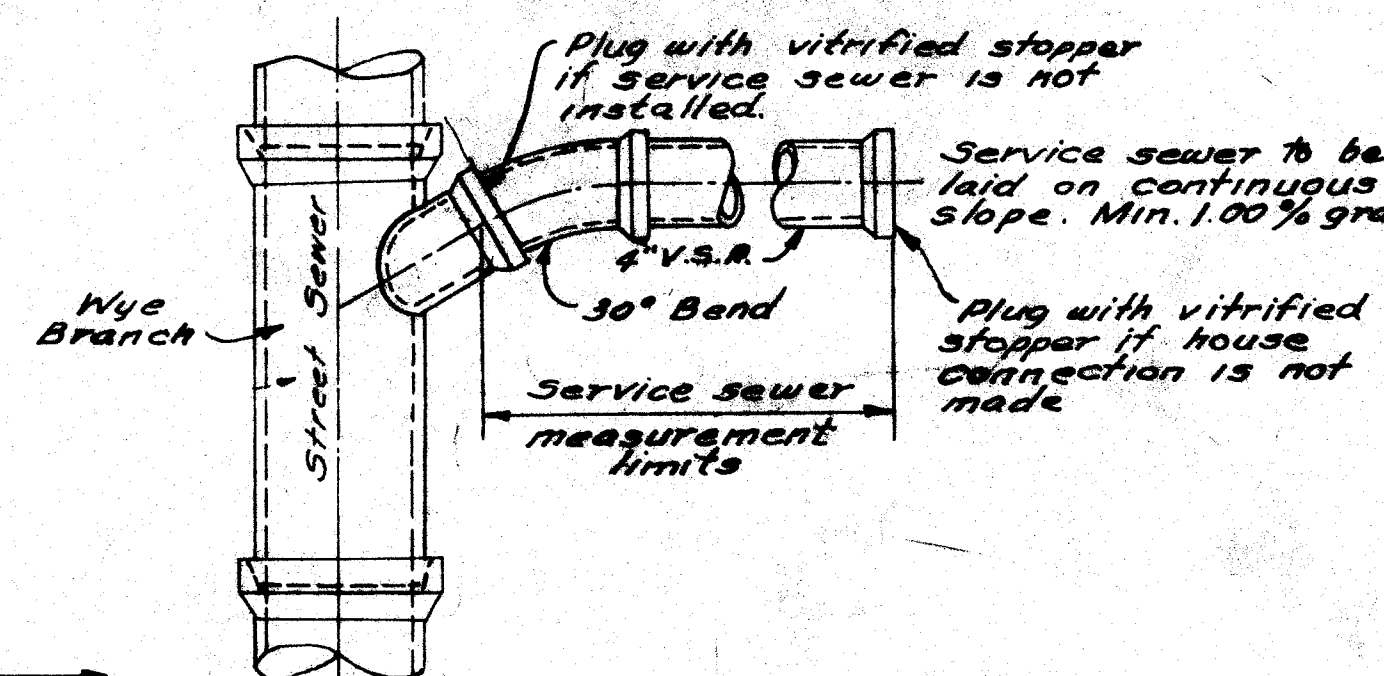
PLAN



SECTION PRECAST MANHOLE



SIDEWALK CURB & GUTTER DETAIL



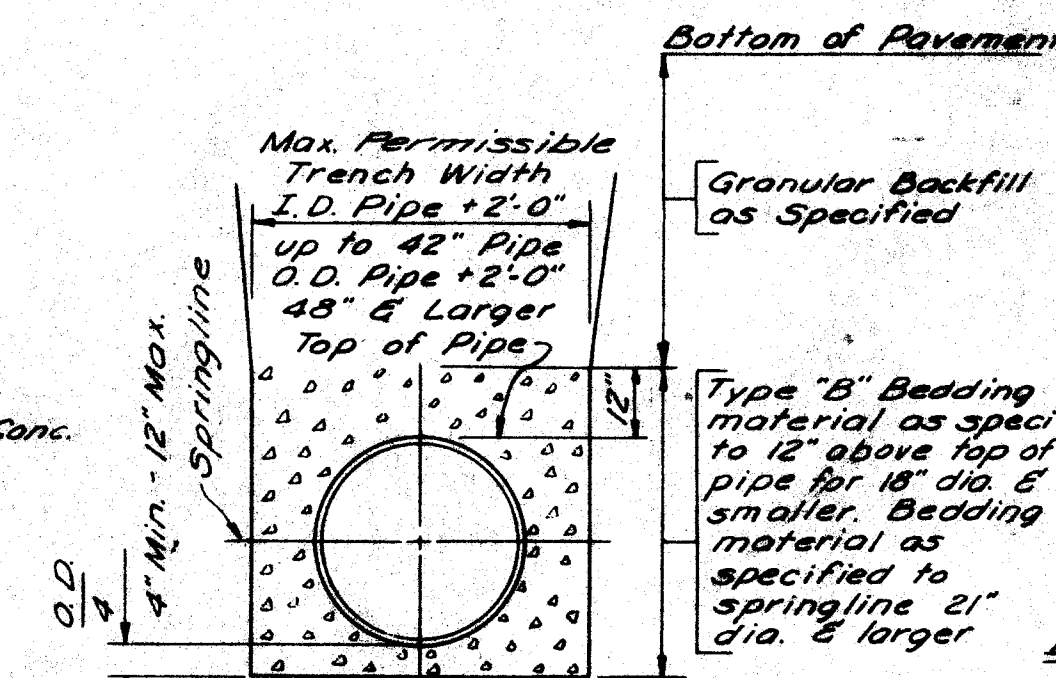
STANDARD SERVICE CONNECTION

RECONNECTION OF EXISTING SERVICE SEWER

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

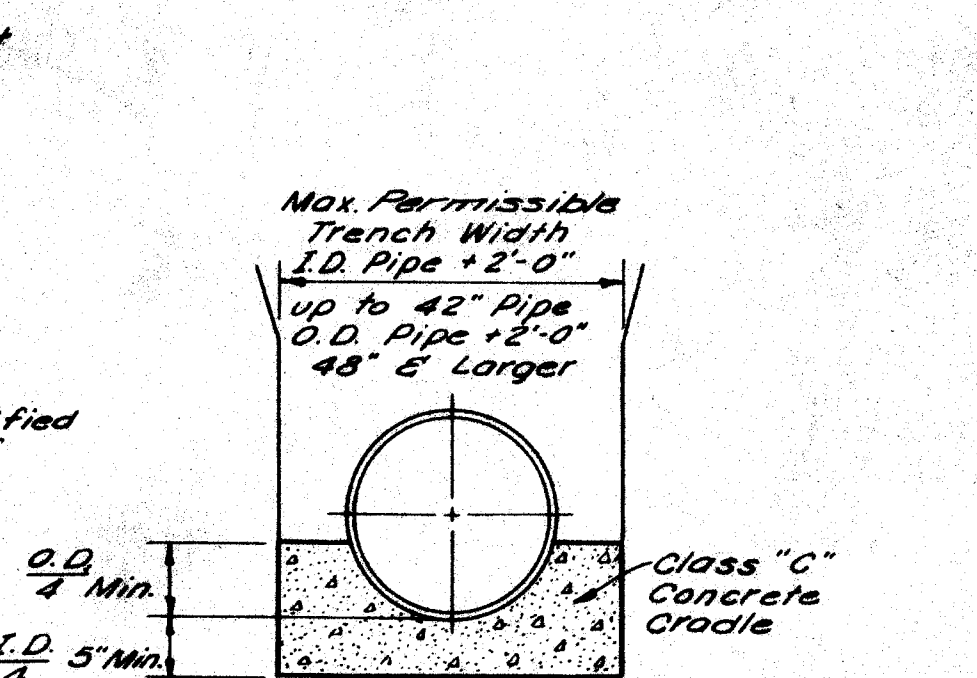
TYPICAL PIPE ENCASEMENT

ADDITIONAL EARTH EXCAVATION PAYMENT LIMITS



STANDARD BEDDING AND TRENCH DETAIL

ROCK EXCAVATION PAYMENT LIMITS



TYPE "A" BEDDING

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

DEPARTMENT OF SANITARY ENGINEERING
STARK COUNTY, OHIO

DATE OCT. 1, 1971 JOB NO. DRAWN TRACED CHECKED APPROVED

STANDARD DETAIL SHEET