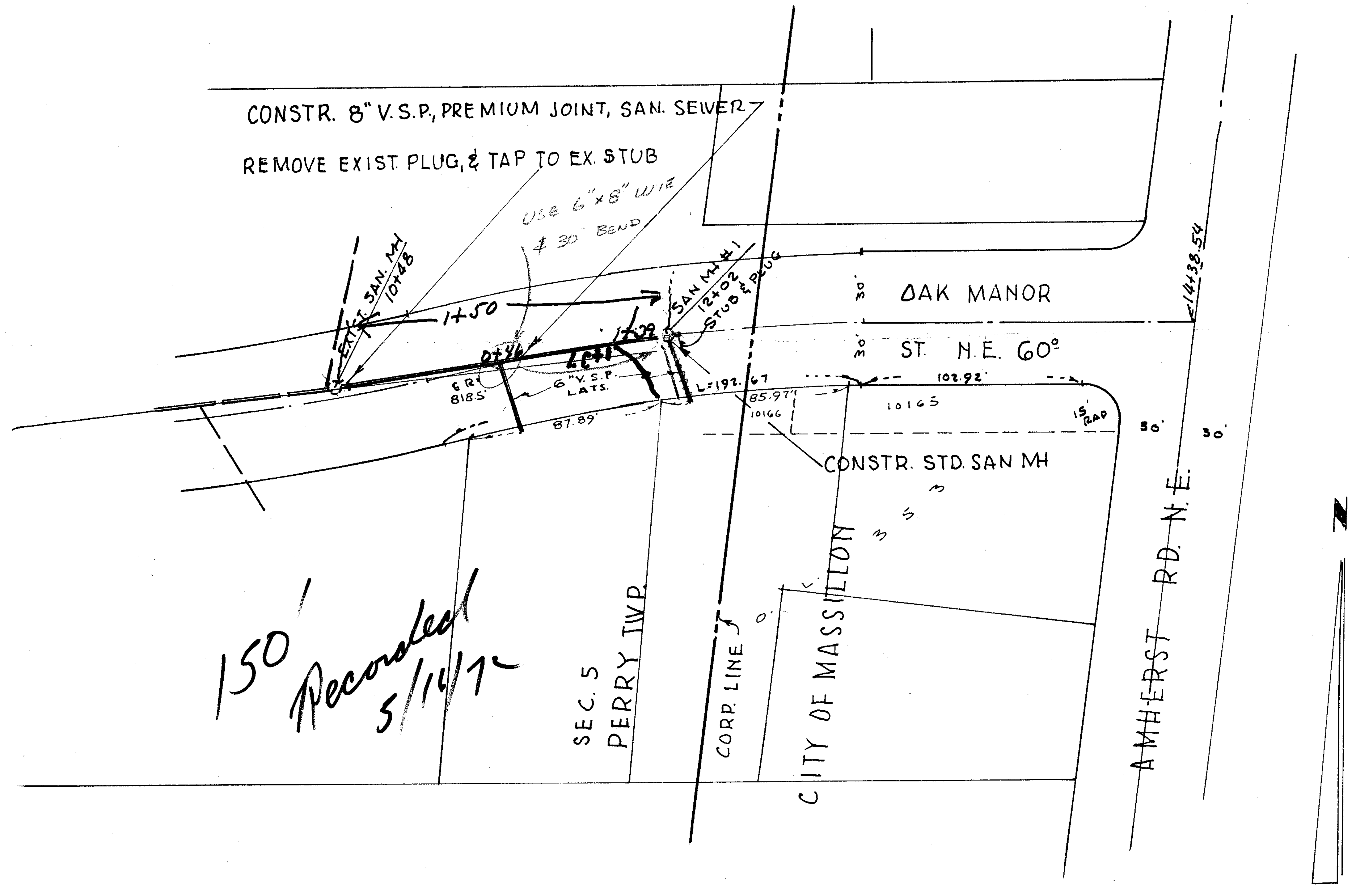
APPROVED BY THE STARK COUNTY SANITARY ENGINEER.

APPROVED BY THE MASSILLON CITY ENGINEER.
Robert F. Wagoner Nov. 15, 1971

1202
1048
154

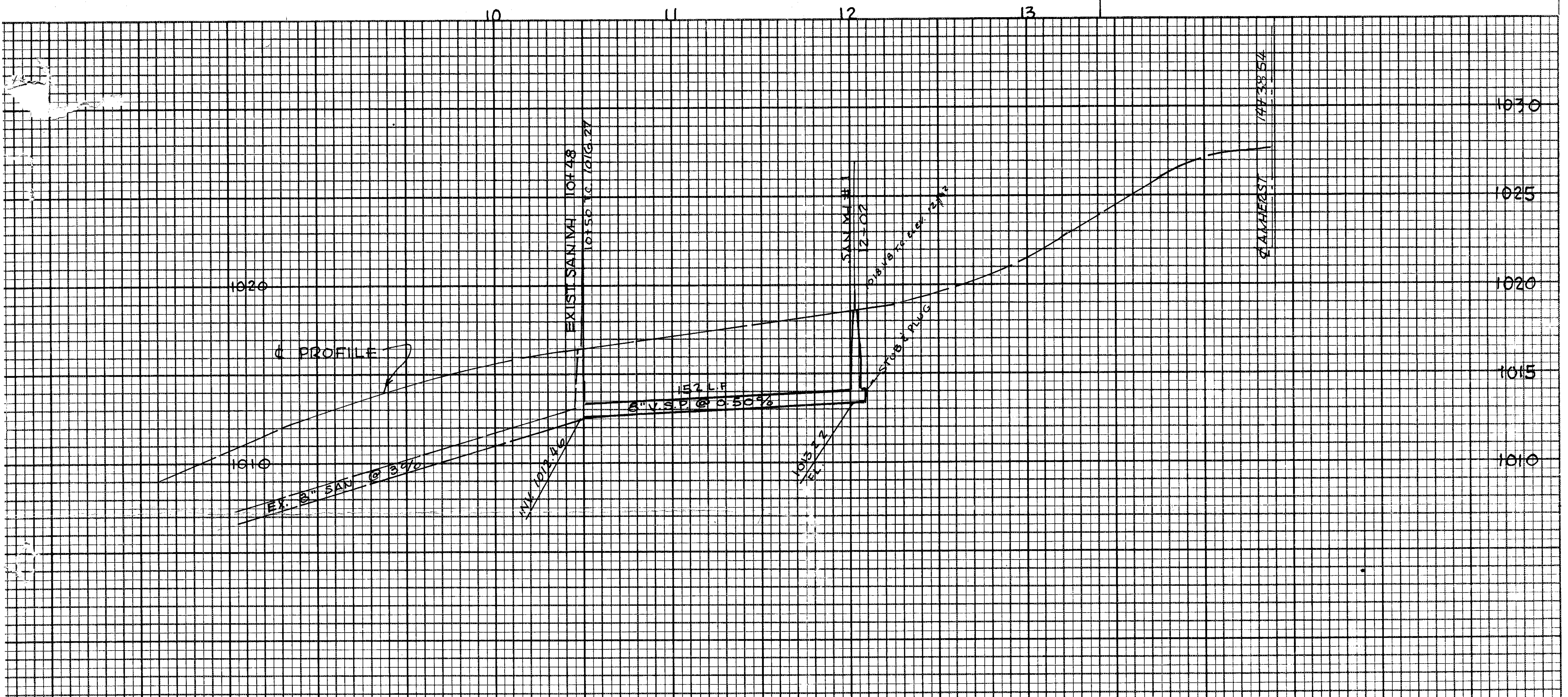
507+50.9

511+8.13


CONSTR. 8" V.S.P., PREMIUM JOINT, SAN. SEWER
REMOVE EXIST. PLUG, & TAP TO EX. STUB
USE 6"x8" WYE
& 30° BEND
EXIST. SAN. MH 10+48
1+50
SAN MH #1 12+02
STUB & PLUG
0+46
1+29
1+39
6 R 818.5'
6" V.S.P. LATS.
87.89'
L=192.67
85.97'
10166
102.92'
10165
15' RAD
30'
30'
30'
30'
OAK MANOR
ST. N.E. 60°
14+38.54
CONSTR. STD. SAN MH
SEC. 5 PERRY TWP.
CORP. LINE
CITY OF MASSILLON
AMHERST RD. N.E.
N

150' Recorded 5/14/72

BENCH MARK:
TOP HYD. NO. SIDE OAK MANOR ST.
FRT. HSE # 404, 735'± WEST OF
AMHERST RD. ELEV... 1007.13



SANITARY SEWER EXTENSION
OAK MANOR ST. N.W.
N.W. QR. SEC. 5, PERRY TWP.
STARK CO., OHIO
BY R.F. WAGONER, REG. ENG. & SURVEYOR
SCALE 1"=50' HOR. NOV., 1971
1"=5' VER.

ATE 4— CROSS SECTION O. P. R. & R. E. STANDARD
THE FREDERICK POST CO., CHICAGO

CS-57

60' R/W ℄ TYPICAL SECTION
30'-0"
18'-0"
6'-6"
2'-0"
3'-6"
8'-6"
CHIP & SEAL
PROFILE GRADE
3/8" PER FT.
4/8" PER FT.
10'x10'x18" DUMPED ROCK CHANNEL PROTECTION
HEADWALL NW-E STATE STD.
ASPHALTIC SURFACE TREATMENT - STARK COUNTY STANDARD TYPE A PRIME PLUS DOUBLE CHIP AND DOUBLE SEAL.
ROAD GRAVEL BASE AS APPROVED BY COUNTY ENGINEER - 2 THREE INCH LAYERS, EACH COMPACTED.
TOP SOIL TO BE REMOVED AND SUB GRADE ROLLER COMPACTED.
CURB & GUTTER DETAIL
N
WRAY AVE N.W.
AMHERST RD. N.E.
OAK MANOR ST. N.W. - 60'
JOLYNN AVE N.W. - 50'
New 4-UNIT
EXIST. DUPLEX
NEW DUPLEX
ALLOTMENT LINE
DITCH
PLUGGED STUB
EXISTING 6" WATER LINE
N 88°20'00"W
15" CMP - 50'
MASSILLON STD. TYPE B CATCH BASIN
PAVE DITCHES to STA 0+50
STABILIZE DITCHES STA 7+00 to 9+50 (SOD OR JUTE MATTING)
PC STA 8+88.81
PRC STA 10+88.81
PT STA 12+88.81
MASS. CORP. LINE
ALLOTMENT LINE STA 1+60.10
THIS LATERAL INFO MAY NOT BE CORRECT CAME FROM PERMIT No 1131 (COUNTY)
60.0' R/W TYPICAL SECTION WITHIN MASSILLON CITY LIMITS
ASPHALTIC SURFACE TREATMENT - STARK COUNTY STANDARD TYPE A PRIME PLUS DOUBLE CHIP AND DOUBLE SEAL.
ROAD GRAVEL BASE AS APPROVED BY CITY ENGINEER - 2 THREE INCH LAYERS, EACH COMPACTED.
TOP SOIL TO BE REMOVED AND SUB GRADE ROLLER COMPACTED.
200' VC
100' VC
50' VC
+0.80%
+4.2%
+1.4%
+6.4%
EXISTING GROUND
260' - 8" VCP @ 1.0%
260' - 8" RCP @ 0.8%
180' - 8" RCP @ 4.5%
200' - 8" RCP @ 3%
15" CMP
℄ JOLYNN AVE
℄ AMHERST RD N.W. - STA 14+42.38
PVI STA 12+75 ELEV 1019.50
985
990
995
1000
1005
1010
1015
1020
1025
1030
0+00
1+00
2+00
3+00
4+00
5+00
6+00
7+00
8+00
9+00
10+00
11+00
12+00
13+00
14+00
PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO.
BY
DATE
PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B. M.S NOTED
STRUCTURE NOTATNS CH'KD

APPROVED BY STARK COUNTY
SANITARY ENGINEER

SANITARY SEWER PLAN
APPROVED BY MASSILLON CITY ENGINEER
11-30-70 Robert ? Wagner

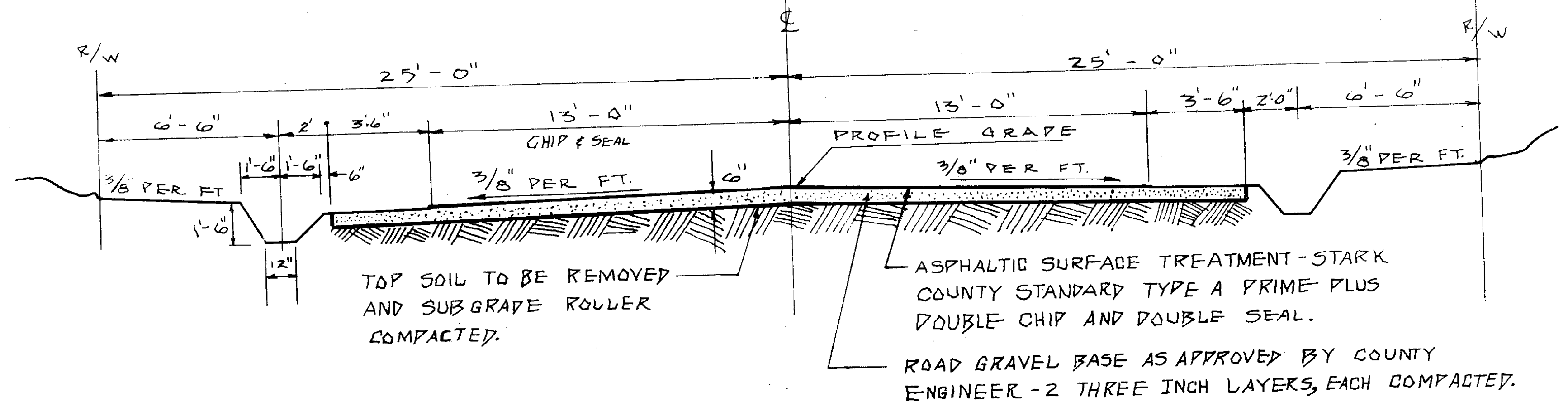
BENCH MARK.
TOP OF FIRE HYDRANT ON NORTH SIDE OF OAK MANOR ST. N.W. IN FRONT OF HOUSE # 404, 735'± WEST OF AMHERST RD N.E.
ELEV: 1007.13

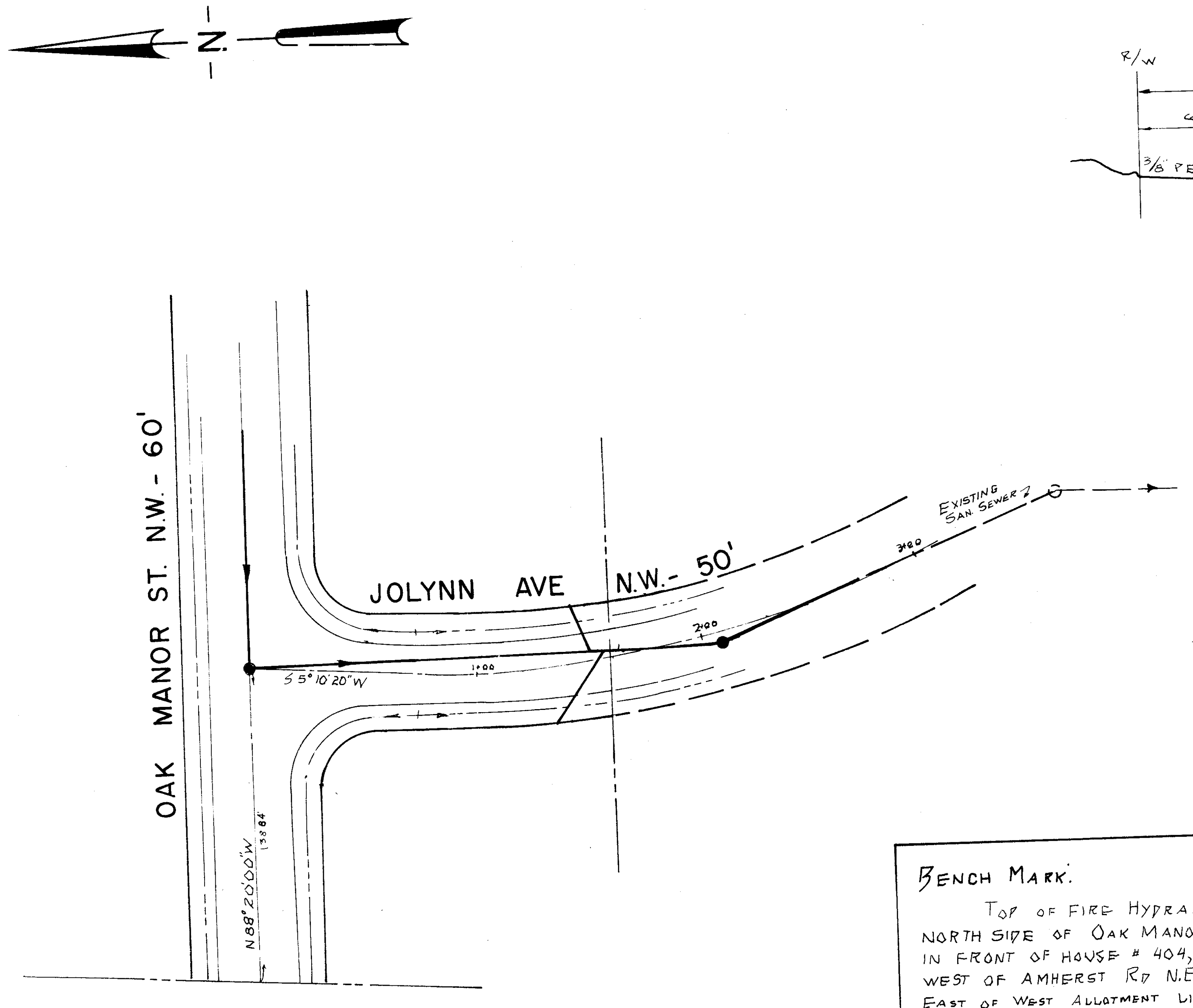
PLAN & PROFILE
of
OAK MANOR STREET DEDICATION
N.W. QUARTER SECTION 5
PERRY TOWNSHIP STARK COUNTY, OHIO
SCALE 1" = 50' HOR. 1" = 5' VER.
NOV. 1970
REV. 12-4-70
12-28-70
5-5-71
HAMMONTREE & FRIEDL
ENGINEERS & SURVEYORS
NORTH CANTON, OHIO

K+E PLATE 1, PLAN-PROFILE KEUFFEL & ESSER CO.
48 7012 IMPERIAL™ TRACING CLOTH 28886

CS-58

50.0' R/W TYPICAL SECTION

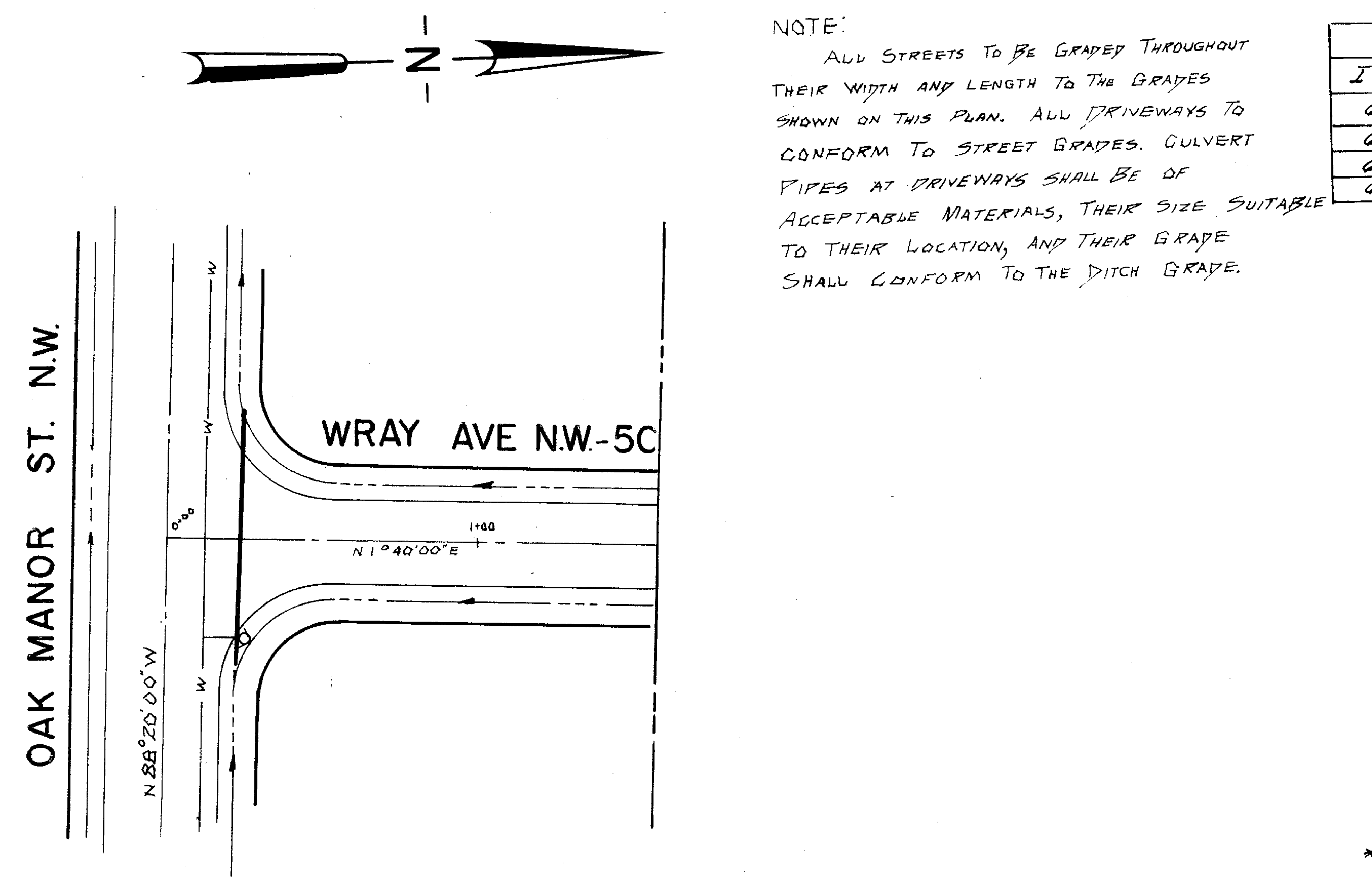

R/W
25' - 0"
25' - 0"
6' - 6"
2'
3'-6"
13' - 0"
CHIP & SEAL
13' - 0"
3'-6"
2'-0"
6' - 6"
1'-6"
1'-6"
6"
3/8" PER FT.
3/8" PER FT.
3/8" PER FT.
3/8" PER FT.
1'-6"
12"
6"
PROFILE GRADE
TOP SOIL TO BE REMOVED AND SUBGRADE ROLLER COMPACTED.
ASPHALTIC SURFACE TREATMENT - STARK COUNTY STANDARD TYPE A PRIME PLUS DOUBLE CHIP AND DOUBLE SEAL.
ROAD GRAVEL BASE AS APPROVED BY COUNTY ENGINEER - 2 THREE INCH LAYERS, EACH COMPACTED.


N
OAK MANOR ST. N.W. - 60'
JOLYNN AVE N.W. - 50'
EXISTING SAN. SEWER
S 5°10'20" W
N 88°20'00" W
1+00
2+00

BENCH MARK.

TOP OF FIRE HYDRANT ON NORTH SIDE OF OAK MANOR ST. N.W. IN FRONT OF HOUSE # 404, 735' ± WEST OF AMHERST RD N.E. AND 70.0' EAST OF WEST ALLOTMENT LINE.

ELEV: 1007.13


N
OAK MANOR ST. N.W.
WRAY AVE N.W.-50
N 88°20'00" W
N 1°40'00" E
1+00

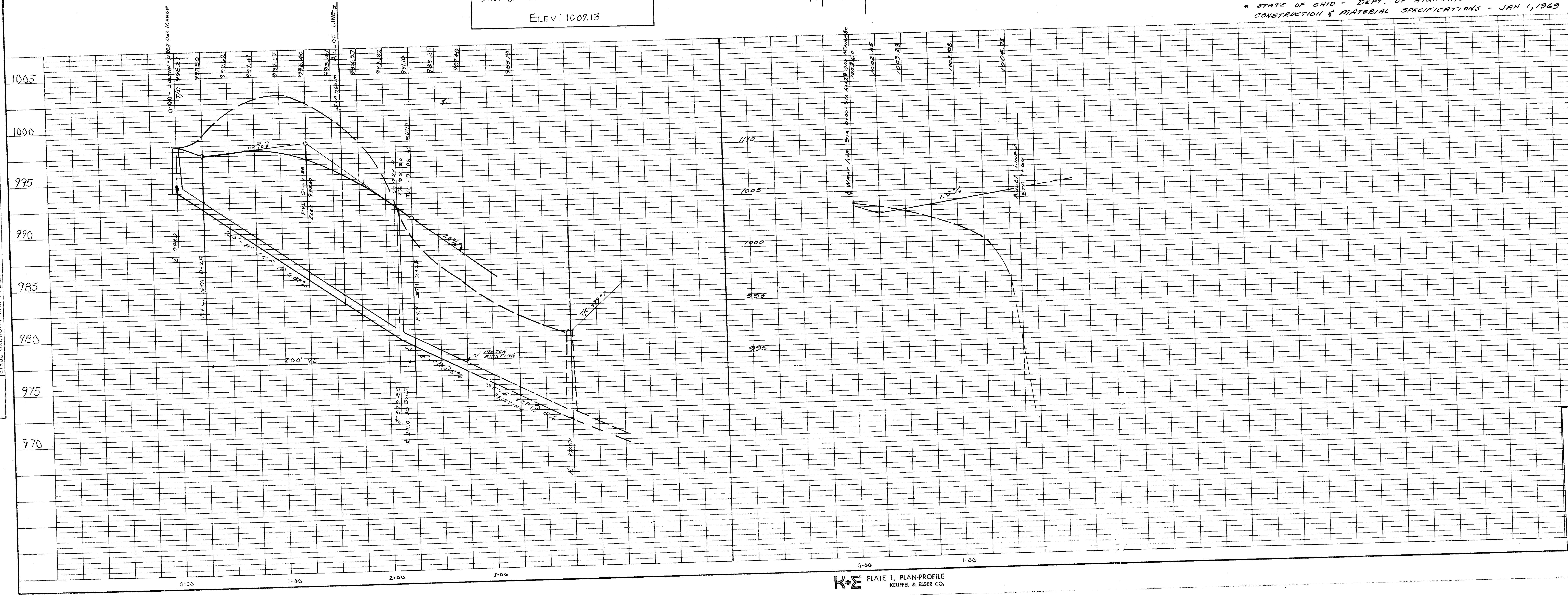
NOTE:
ALL STREETS TO BE GRADED THROUGHOUT THEIR WIDTH AND LENGTH TO THE GRADES SHOWN ON THIS PLAN. ALL DRIVEWAYS TO CONFORM TO STREET GRADES. CULVERT PIPES AT DRIVEWAYS SHALL BE OF ACCEPTABLE MATERIALS, THEIR SIZE SUITABLE TO THEIR LOCATION, AND THEIR GRADE SHALL CONFORM TO THE DITCH GRADE.

ESTIMATED QUANTITIES

SANITARY			
ITEM*	QUAN.	UNIT	DESCRIPTION
604	34	V.F.	(6) PRECAST MANHOLES COMPLETE W/ CASTINGS
603	1200	L.F.	8" V.C.P. W/ PREMIUM JOINTS
603	1250	L.F.	6" V.C.P. HOUSE LATERALS W/ PREM. JNTS.
603	16	EACH	6" ON 8" WYES

* STATE OF OHIO - DEPT. OF HIGHWAYS CONSTRUCTION & MATERIAL SPECIFICATIONS - JAN 1, 1969

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



PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B. M.s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

PLAN & PROFILE
OF
OAK MANOR STREET DEDICATION
N.W. QUARTER SECTION 5
PERRY TOWNSHIP STARK COUNTY, OHIO
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48 7012 IMPERIAL TRACING CLOTH

C5-59