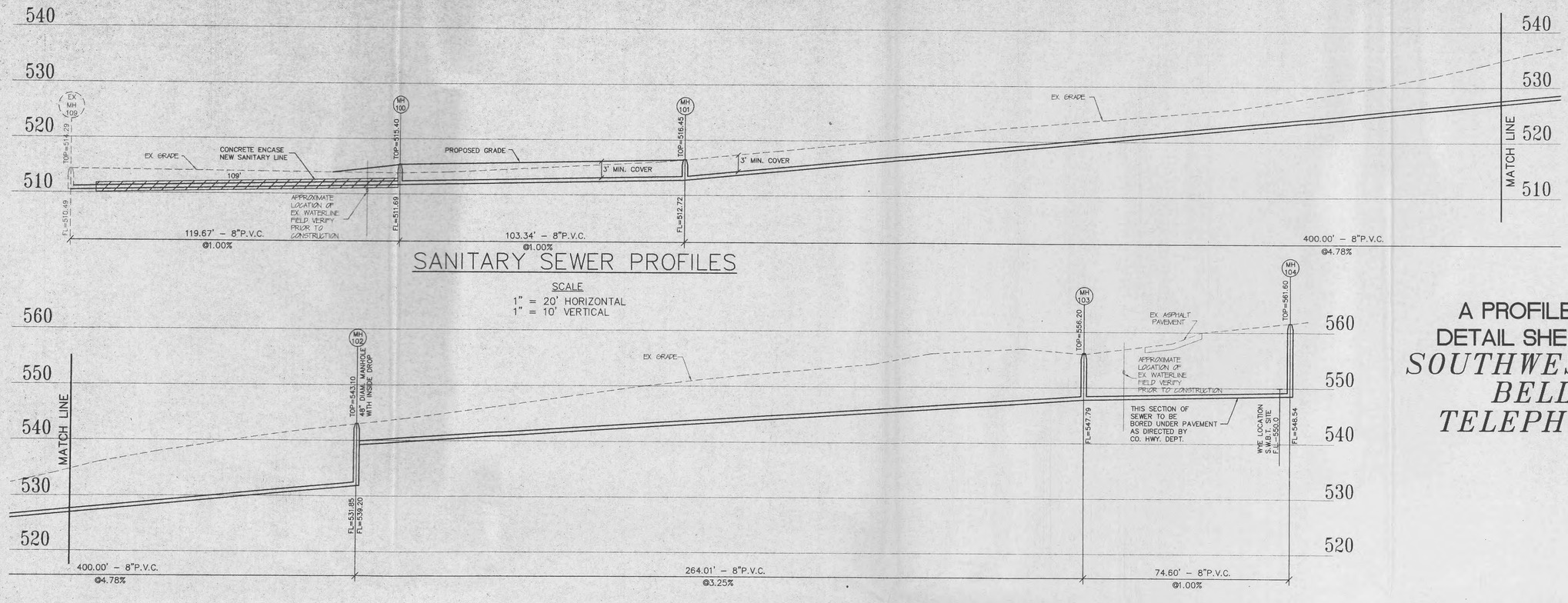
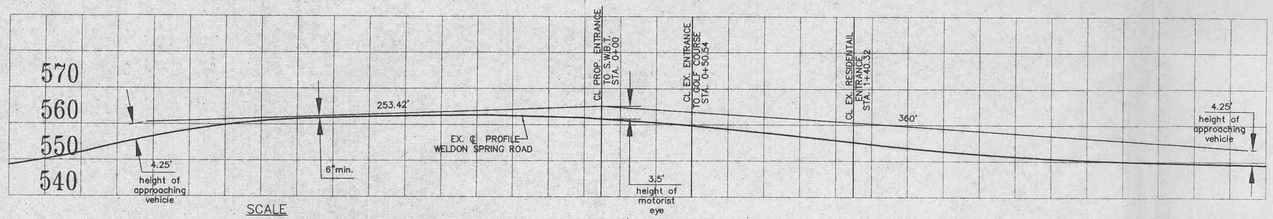


SANITARY SEWER PROFILES

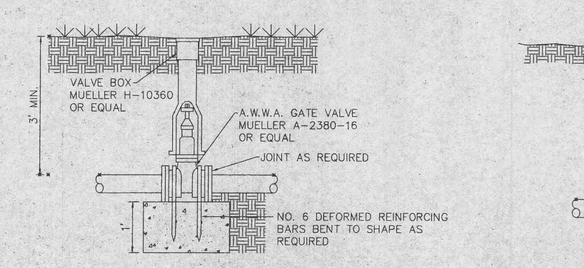
SCALE
1" = 20' HORIZONTAL
1" = 10' VERTICAL

A PROFILE AND DETAIL SHEET FOR *SOUTHWESTERN BELL TELEPHONE*



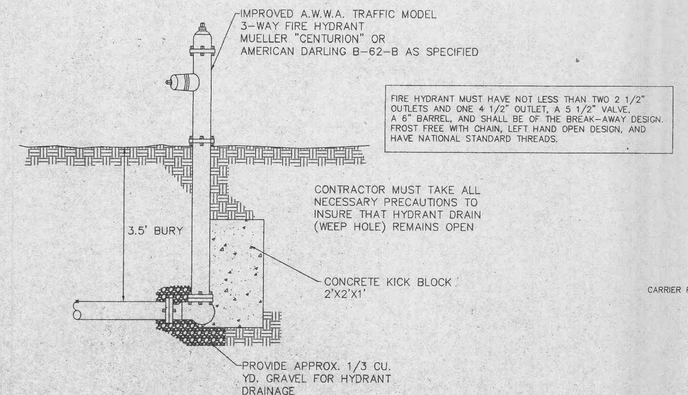
SCALE
1" = 40' HORIZONTAL
1" = 10' VERTICAL

SIGHT DISTANCE PROFILES



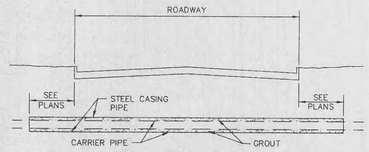
GATE VALVE W/THRUST BLOCK

NOT TO SCALE



FIRE HYDRANT INSTALLATION DETAIL

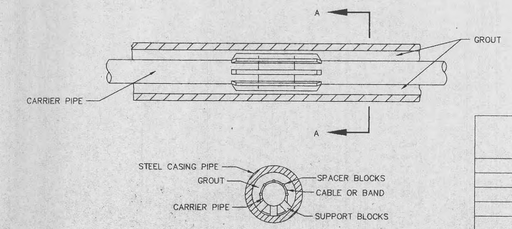
NOT TO SCALE



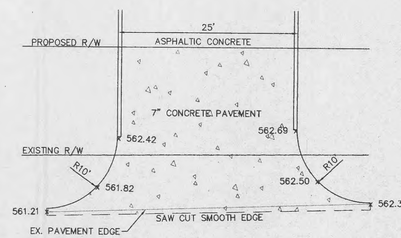
BORING DETAIL

NOTES:

1.) INSIDE DIAMETER OF CASING PIPE TO BE A MINIMUM OF 4" GREATER THAN COUPLING DIAMETER OF CARRIER PIPE.
2.) ENCASEMENTS TO BE INSTALLED UNDER THE ROAD BY MEANS OF JACKING IT THROUGH, OR BY DRY-BORING A HOLE THAT WILL RECEIVE THE CASING WITH A SNUG FIT.
3.) THE OUTSIDE DIAMETER OF THE CASING SHALL NOT BE LESS THAN, NOR MORE THAN ONE INCH GREATER THAN THE BORED HOLE.
4.) THE ANNULAR SPACE BETWEEN THE CASING PIPE AND THE BORED HOLE SHALL BE FILLED WITH GROUT.



SECTION A – A



ENTRANCE DETAIL

SCALE: 1" = 10'

MAIN SIZE (I.D.)	MIN. THRUST BLOCK BEARING DIMENSIONS TO BEAR AGAINST UNDISTURBED EARTH				
	45° BEND	22 1/2° BEND	TEE	VALVE	CROSS
2"	.5' X 1'	.5' X 1'	.5' X 1'	.5' X 1'	.5' X 1'
4"	1' X 1'	1' X 1'	2' X 1'	2' X 1'	1' X 1'
6"	1.5' X 1'	1' X 1'	2' X 1'	2' X 1'	1' X 1'
8"	2' X 1'	1' X 1'	2' X 2.5'	2' X 2'	1' X 1.5'
10"	2' X 2.5'	1.5' X 2'	2' X 3.5'	2' X 3'	2' X 2'
12"	2' X 3.5'	1.5' X 2.5'	3' X 3.5'	3' X 3'	2' X 3'
16"	3' X 4'	2' X 3'	4' X 4.5'	3' X 4.5'	3' X 3.5'

Date issued:
6-10-99

Revisions:
10-4-99 ADJ. SEWER
11-18-99 CITY COMMENTS
2-22-00 SANITARY

Consultants:
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MWH PROJECT NO.
99019.048

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13545 Barrett Parkway Drive, St. Louis, MO

SWBT
WELDON SPRING CENTRAL OFFICE
NEW TELEPHONE EQUIPMENT BUILDING

WELDON SPRING ROAD
ST. CHARLES COUNTY, MISSOURI

BAX PROJECT NO 98-10453

SHEET
C-5
5 OF 6

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