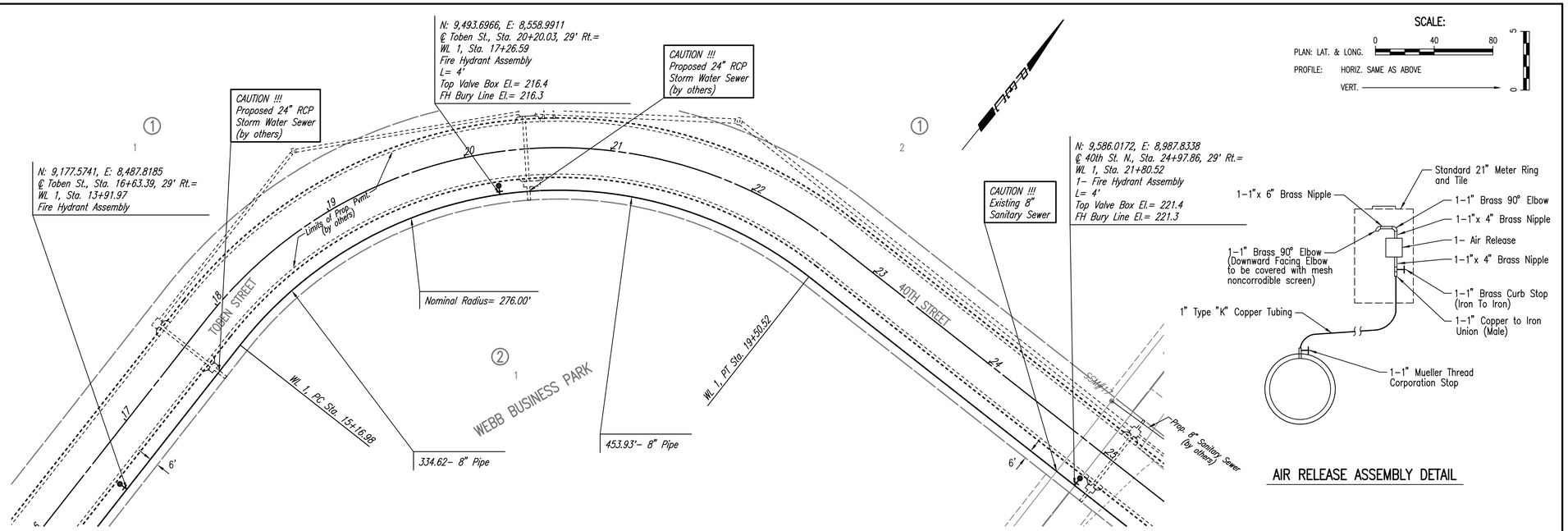
WL CURVE DATA

Δ=90° 0'0"Rt D= 20° 45' 33.6" R= 276.00' L= 433.54' T= 276.00' E= 114.32'

CURVE DATA BASED ON ℄ RADIUS Δ/2= 45° 0' 0"

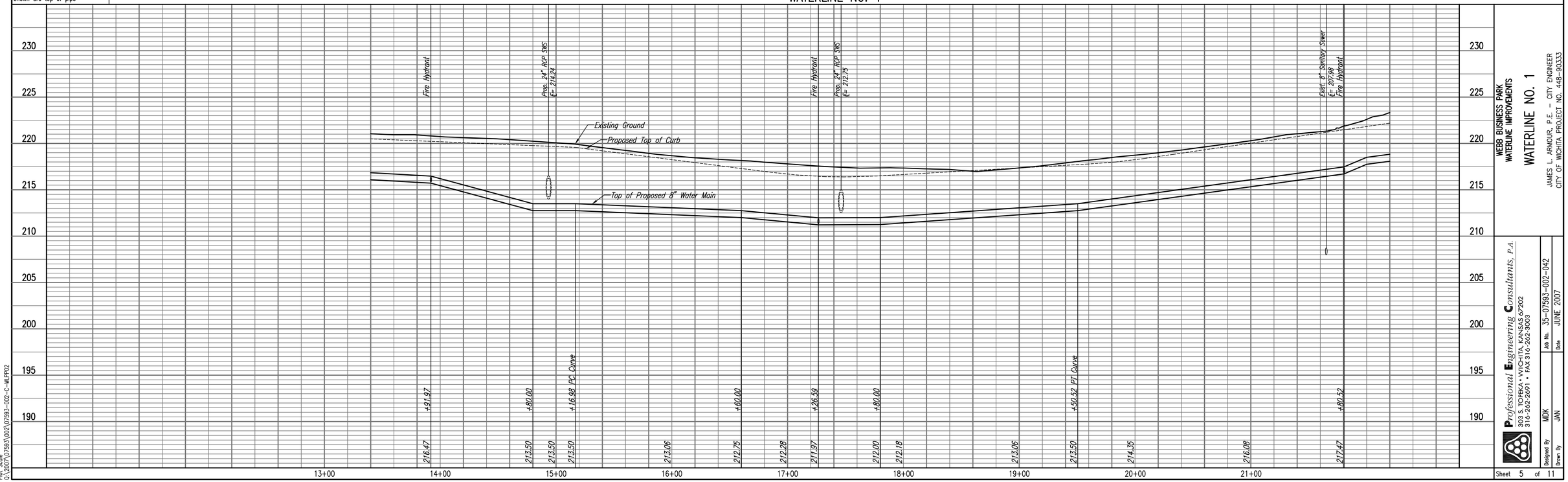
WL STATION	WL ARC LENGTH	CHORD LENGTH ON 6' OFFSET Right	DEFLECTION ANGLE	TOTAL DEFLECTION
PC 15+16.98			0°00'00.0"	0°00'00.0"
15+25.00	8.02'	7.85'	0° 49'56.8"	00° 49'56.8"
15+50.00	25.00'	24.45'	2° 35'41.7"	03°25'38.5"
15+75.00	25.00'	24.45'	2° 35'41.7"	06°01'20.2"
16+00.00	25.00'	24.45'	2° 35'41.7"	08°37'02.0"
16+25.00	25.00'	24.45'	2° 35'41.7"	11°12'43.7"
16+50.00	25.00'	24.45'	2° 35'41.7"	13°48'25.4"
16+75.00	25.00'	24.45'	2° 35'41.7"	16°24'07.1"
17+00.00	25.00'	24.45'	2° 35'41.7"	18°59'48.8"
17+25.00	25.00'	24.45'	2° 35'41.7"	21°35'30.5"
FH 17+26.59	1.59'	1.56'	0°09'54.1"	21°45'24.6"
17+50.00	23.41'	22.89'	2° 25'47.6"	24°11'12.2"
17+75.00	25.00'	24.45'	2° 35'41.7"	26°46'53.9"
18+00.00	25.00'	24.45'	2° 35'41.7"	29°22'35.6"
18+25.00	25.00'	24.45'	2° 35'41.7"	31°58'17.4"
18+50.00	25.00'	24.45'	2° 35'41.7"	34° 33'59.1"
18+75.00	25.00'	24.45'	2° 35'41.7"	37°09'40.8"
19+00.00	25.00'	24.45'	2° 35'41.7"	39° 45'22.5"
19+25.00	25.00'	24.45'	2° 35'41.7"	42°21'04.2"
19+50.00	25.00'	24.45'	2° 35'41.7"	44°56'45.9"
PT 19+50.52	0.52'	0.51'	0°03'14.3"	45°00'00.1"
TOTAL	L= 433.54'	Defl./ft.= 6.227802 min.		



AIR RELEASE ASSEMBLY DETAIL

Unless noted otherwise, elevations shown are top of pipe

WATERLINE NO. 1



WEBB BUSINESS PARK
WATERLINE IMPROVEMENTS

WATERLINE NO. 1

JAMES L. ARMOUR, P.E. – CITY ENGINEER
CITY OF WICHITA PROJECT NO. 448-90333

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Job No. 35-07593-002-042
Date JUNE 2007
Designed By MDK
Drawn By JAN

Sheet 5 of 11

PLAN / PROFILE — BY — DATE — CHECKED — CHECKED

Saved 02-20-2008 03:48:24 PM by RJM
Plotted 02-20-2008 03:48:26 PM by RJM
Q:\2007\07593\002\07593-002-C-WLPR02