

CURVE DATA						
CURVE	DELTA ANGLE	RADIUS	ARC	TANG	CHORD	CHORD BEARING
C1	24°23'11"	920.00'	391.60'	198.61'	388.65'	S 78°12'54" E
C2	24°23'11"	960.00'	408.63'	207.46'	405.55'	S 78°12'54" E
C3	24°23'11"	1155.00'	465.12'	245.27'	479.48'	S 78°12'54" E
C4	24°23'11"	1405.00'	598.04'	303.62'	593.54'	S 78°12'54" E
C5	24°23'11"	1675.00'	712.67'	381.97'	707.66'	S 78°12'54" E
C6	18°16'45"	1675.00'	534.38'	289.48'	530.12'	S 75°09'38" E
C7	06°06'33"	1675.00'	178.59'	89.38'	178.51'	S 87°21'17" E
C8	24°23'11"	300.00'	127.70'	64.83'	126.73'	N 11°47'06" E
C9	24°23'11"	300.00'	127.70'	64.83'	126.73'	N 11°47'06" E
C10	02°24'03"	1000.00'	41.02'	20.96'	41.02'	S 87°13'18" E
C11	02°38'09"	1000.00'	46.00'	23.01'	46.00'	S 89°44'27" E
C12	02°38'09"	1000.00'	46.00'	23.01'	46.00'	S 72°22'36" E
C13	02°38'09"	1000.00'	46.00'	23.01'	46.00'	S 76°00'45" E
C14	02°38'09"	1000.00'	46.00'	23.01'	46.00'	S 77°38'54" E
C15	02°38'09"	1000.00'	46.00'	23.01'	46.00'	S 80°17'03" E
C16	02°38'09"	1000.00'	46.00'	23.01'	46.00'	S 82°55'12" E
C17	02°38'09"	1000.00'	46.00'	23.01'	46.00'	S 85°33'21" E
C18	02°38'09"	1000.00'	46.00'	23.01'	46.00'	S 88°11'30" E
C19	00°53'56"	1000.00'	15.70'	7.85'	15.70'	S 89°57'54" E
C20	02°24'03"	1110.00'	46.00'	23.27'	46.00'	S 87°13'18" E
C21	02°38'09"	1110.00'	51.06'	25.54'	51.06'	S 89°44'27" E
C22	02°38'09"	1110.00'	51.06'	25.54'	51.06'	S 72°22'36" E
C23	02°38'09"	1110.00'	51.06'	25.54'	51.06'	S 75°00'45" E
C24	02°38'09"	1110.00'	51.06'	25.54'	51.06'	S 77°38'54" E
C25	02°38'09"	1110.00'	51.06'	25.54'	51.06'	S 80°17'03" E
C26	02°38'09"	1110.00'	51.06'	25.54'	51.06'	S 82°55'12" E
C27	02°38'09"	1110.00'	51.06'	25.54'	51.06'	S 85°33'21" E
C28	02°38'09"	1110.00'	51.06'	25.54'	51.06'	S 88°11'30" E
C29	00°53'56"	1110.00'	17.43'	8.71'	17.43'	S 89°57'54" E
C30	28°36'10"	50.00'	24.86'	12.75'	24.70'	N 67°01'20" E
C31	53°13'13"	50.00'	46.68'	25.20'	45.00'	S 71°55'04" E
C32	60°39'59"	50.00'	52.94'	29.26'	50.50'	S 14°51'21" E
C33	20°59'00"	50.00'	8.21'	4.10'	8.21'	S 25°58'09" W
C34	01°39'05"	1160.00'	33.44'	16.72'	33.44'	S 69°50'48" E
C35	02°12'29"	1160.00'	44.70'	22.35'	44.70'	S 70°59'04" E
C36	02°12'29"	1160.00'	44.70'	22.35'	44.70'	S 73°11'33" E
C37	02°12'29"	1160.00'	44.70'	22.35'	44.70'	S 75°34'02" E
C38	02°12'29"	1160.00'	44.70'	22.35'	44.70'	S 77°38'51" E
C39	02°12'29"	1160.00'	44.70'	22.35'	44.70'	S 79°49'00" E
C40	02°12'29"	1160.00'	44.70'	22.35'	44.70'	S 82°01'28" E
C41	02°12'29"	1160.00'	44.70'	22.35'	44.70'	S 84°13'27" E
C42	02°12'29"	1160.00'	44.70'	22.35'	44.70'	S 86°26'06" E
C43	02°12'29"	1160.00'	44.70'	22.35'	44.70'	S 88°38'55" E
C44	02°12'29"	1160.00'	44.70'	22.35'	44.70'	S 90°51'04" E
C45	02°39'24"	1160.00'	13.29'	6.65'	13.29'	N 89°55'08" E
C46	01°39'05"	1270.00'	36.61'	18.30'	36.61'	S 85°50'48" E
C47	02°12'29"	1270.00'	48.94'	24.47'	48.94'	S 88°46'36" E
C48	02°12'29"	1270.00'	48.94'	24.47'	48.94'	S 70°59'04" E
C49	02°12'29"	1270.00'	48.94'	24.47'	48.94'	S 73°11'33" E

CURVE DATA						
CURVE	DELTA ANGLE	RADIUS	ARC	TANG	CHORD	CHORD BEARING
C50	02°12'29"	1270.00'	48.94'	24.47'	48.94'	S 75°24'02" E
C51	02°12'29"	1270.00'	48.94'	24.47'	48.94'	S 77°36'31" E
C52	02°12'29"	1270.00'	48.94'	24.47'	48.94'	S 79°49'00" E
C53	02°12'29"	1270.00'	48.94'	24.47'	48.94'	S 82°01'28" E
C54	02°12'29"	1270.00'	48.94'	24.47'	48.94'	S 84°13'27" E
C55	02°12'29"	1270.00'	48.94'	24.47'	48.94'	S 86°26'06" E
C56	02°12'29"	1270.00'	48.94'	24.47'	48.94'	S 88°38'55" E
C57	00°39'24"	1270.00'	14.55'	7.28'	14.55'	S 89°55'08" E
C58	01°39'05"	1380.00'	39.78'	19.89'	39.78'	S 66°50'48" E
C59	02°12'29"	1380.00'	53.18'	26.59'	53.18'	S 68°46'36" E
C60	02°12'29"	1380.00'	53.18'	26.59'	53.18'	S 70°59'04" E
C61	02°12'29"	1380.00'	53.18'	26.59'	53.18'	S 73°11'33" E
C62	02°12'29"	1380.00'	53.18'	26.59'	53.18'	S 75°24'02" E
C63	02°12'29"	1380.00'	53.18'	26.59'	53.18'	S 77°36'31" E
C64	02°12'29"	1380.00'	53.18'	26.59'	53.18'	S 79°49'00" E
C65	02°12'29"	1380.00'	53.18'	26.59'	53.18'	S 82°01'28" E
C66	02°12'29"	1380.00'	53.18'	26.59'	53.18'	S 84°13'27" E
C67	02°12'29"	1380.00'	53.18'	26.59'	53.18'	S 86°26'06" E
C68	02°12'29"	1380.00'	53.18'	26.59'	53.18'	S 88°38'55" E
C69	00°39'24"	1380.00'	15.82'	7.91'	15.82'	S 89°55'08" E
C70	01°17'20"	1430.00'	32.17'	16.08'	32.16'	S 66°39'55" E
C71	01°44'25"	1430.00'	43.43'	21.72'	43.43'	S 68°10'46" E
C72	01°44'25"	1430.00'	43.43'	21.72'	43.43'	S 69°55'12" E
C73	01°44'25"	1430.00'	43.43'	21.72'	43.43'	S 71°30'37" E
C74	01°44'25"	1430.00'	43.43'	21.72'	43.43'	S 73°24'01" E
C75	01°44'25"	1430.00'	43.43'	21.72'	43.43'	S 75°08'26" E
C76	01°44'25"	1430.00'	43.43'	21.72'	43.43'	S 76°50'51" E
C77	01°44'25"	1430.00'	43.43'	21.72'	43.43'	S 78°37'15" E
C78	01°44'25"	1430.00'	43.43'	21.72'	43.43'	S 80°21'40" E
C79	01°44'25"	1430.00'	43.43'	21.72'	43.43'	S 82°06'05" E
C80	01°44'25"	1430.00'	43.43'	21.72'	43.43'	S 83°50'29" E
C81	01°44'25"	1430.00'	43.43'	21.72'	43.43'	S 85°34'54" E
C82	01°44'25"	1430.00'	43.43'	21.72'	43.43'	S 87°19'19" E
C83	01°44'25"	1430.00'	43.43'	21.72'	43.43'	S 89°03'43" E
C84	00°28'36"	1430.00'	11.91'	5.95'	11.91'	S 89°49'46" E
C85	01°17'20"	1540.00'	34.64'	17.32'	34.64'	S 66°39'55" E
C86	01°44'25"	1540.00'	46.77'	23.39'	46.77'	S 68°10'46" E
C87	01°44'25"	1540.00'	46.77'	23.39'	46.77'	S 69°55'12" E
C88	01°44'25"	1540.00'	46.77'	23.39'	46.77'	S 71°39'37" E
C89	01°44'25"	1540.00'	46.77'	23.39'	46.77'	S 73°24'01" E
C90	01°44'25"	1540.00'	46.77'	23.39'	46.77'	S 75°08'26" E
C91	01°44'25"	1540.00'	46.77'	23.39'	46.77'	S 76°50'51" E
C92	01°44'25"	1540.00'	46.77'	23.39'	46.77'	S 78°37'15" E
C93	01°44'25"	1540.00'	46.77'	23.39'	46.77'	S 80°21'40" E
C94	01°44'25"	1540.00'	46.77'	23.39'	46.77'	S 82°06'05" E
C95	01°44'25"	1540.00'	46.77'	23.39'	46.77'	S 83°50'29" E
C96	01°44'25"	1540.00'	46.77'	23.39'	46.77'	S 85°34'54" E
C97	01°44'25"	1540.00'	46.77'	23.39'	46.77'	S 87°19'19" E
C98	01°44'25"	1540.00'	46.77'	23.39'	46.77'	S 89°03'43" E

CURVE DATA						
CURVE	DELTA ANGLE	RADIUS	ARC	TANG	CHORD	CHORD BEARING
C99	00°28'36"	1540.00'	12.82'	6.41'	12.82'	S 75°24'02" E
C100	01°17'20"	1650.00'	37.11'	18.56'	37.11'	S 66°39'55" E
C101	01°44'25"	1650.00'	50.11'	25.06'	50.11'	S 68°10'46" E
C102	01°44'25"	1650.00'	50.11'	25.06'	50.11'	S 69°55'12" E
C103	01°44'25"	1650.00'	50.11'	25.06'	50.11'	S 71°39'37" E
C104	01°44'25"	1650.00'	50.11'	25.06'	50.11'	S 73°24'01" E
C105	01°44'25"	1650.00'	50.11'	25.06'	50.11'	S 75°08'26" E
C106	01°44'25"	1650.00'	50.11'	25.06'	50.11'	S 76°50'51" E
C107	01°44'25"	1650.00'	50.11'	25.06'	50.11'	S 78°37'15" E
C108	01°44'25"	1650.00'	50.11'	25.06'	50.11'	S 80°21'40" E
C109	01°44'25"	1650.00'	50.11'	25.06'	50.11'	S 82°06'05" E
C110	01°44'25"	1650.00'	50.11'	25.06'	50.11'	S 83°50'29" E
C111	01°44'25"	1650.00'	50.11'	25.06'	50.11'	S 85°34'54" E
C112	01°44'25"	1650.00'	50.11'	25.06'	50.11'	S 87°19'19" E
C113	01°44'25"	1650.00'	50.11'	25.06'	50.11'	S 89°03'43" E
C114	00°28'36"	1650.00'	13.74'	6.87'	13.74'	S 75°24'02" E
C115	01°21'14"	1700.00'	40.17'	20.09'	40.17'	S 66°41'53" E
C116	01°33'01"	1700.00'	46.00'	23.00'	46.00'	S 68°09'01" E
C117	01°33'01"	1700.00'	46.00'	23.00'	46.00'	S 69°42'02" E
C118	01°33'01"	1700.00'	46.00'	23.00'	46.00'	S 71°15'03" E
C119	01°33'01"	1700.00'	46.00'	23.00'	46.00'	S 72°48'05" E
C120	01°33'01"	1700.00'	46.00'	23.00'	46.00'	S 74°21'06" E
C121	01°33'01"	1700.00'	46.00'	23.00'	46.00'	S 75°54'08" E
C122	01°33'01"	1700.00'	46.00'	23.00'	46.00'	S 77°27'09" E
C123	01°33'01"	1700.00'	46.00'	23.00'	46.00'	S 79°00'11" E
C124	03°10'36"	1700.00'	84.17'	47.10'	84.18'	S 81°21'54" E
C125	03°07'32"	1700.00'	82.74'	46.38'	82.73'	S 87°12'40" E
C126	01°39'06"	1700.00'	48.52'	24.26'	48.51'	S 89°35'30" E
C127	46°17'07"	50.00'	40.39'	21.37'	39.30'	N 42°33'26" E
C128	85°26'08"	50.00'	74.56'	46.17'	67.84'	S 23°18'12" E
C129	70°13'53"	50.00'	61.29'	35.18'	57.52'	N 78°51'48" E
C130	51°40'57"	50.00'	45.10'	24.22'	43.59'	N 17°54'23" E
C131	46°21'55"	50.00'	40.46'	21.41'	39.37'	S 31°07'03" E
C132	00°24'29"	275.00'	1.96'	0.98'	1.96'	S 00°12'18" E
C133	13°34'30"	275.00'	65.16'	32.73'	65.00'	N 06°47'11" E
C134	10°24'18"	275.00'	49.94'	25.04'	49.87'	N 18°46'35" E
C135	06°02'32"	325.00'	34.27'	17.15'	34.26'	N 20°57'28" E
C136	08°49'24"	325.00'	50.05'	25.07'	50.00'	N 13°11'30" E
C137	09°10'38"	325.00'	52.06'	26.08'	52.00'	N 04°31'29" E
C138	00°20'43"	325.00'	1.96'	0.98'	1.96'	N 00°14'11" W
C139	12°55'43"	275.00'	62.05'	31.18'	61.92'	N 06°03'18" E
C140	11°27'34"	275.00'	55.00'	27.59'	54.91'	N 18°14'57" E
C141	59°38'16"	60.00'	62.46'	34.39'	59.67'	N 59°32'09" E
C142	95°44'18"	60.00'	100.26'	66.33'	99.59'	N 59°32'09" E
C143	95°44'18"	60.00'	100.26'	66.33'	99.59'	N 13°16'13" E
C144	08°45'03"	325.00'	48.64'	24.87'	48.63'	N 19°36'13" E
C145	08°45'03"	325.00'	48.64'	24.87'	48.63'	N 19°36'13" E
C146	06°48'50"	325.00'	39.85'	19.35'	39.83'	N 02°59'52" E



WATER DISTRIBUTION SYSTEM AND SANITARY SEWER SYSTEM
SCALE: 1"=100'

Water Supply: Description, Costs and Operability Date
Cuatro Vientos East - Wright Ranch Subdivision, Phase V - will be provided with potable water by the City of Laredo. The City of Laredo has entered into a contract in which the City of Laredo has promised to provide sufficient water to the subdivision for at least 30 years and the City of Laredo has provided documentation to sufficiently establish the long term quantity and quality of the available water supplies to serve the full development of this subdivision. The City of Laredo has existing 8" diameter water lines running along the South side of the existing right-of-way of Border Collie Dr. and Sheepdog Ln. along the North side of the existing right-of-way of Beechmasters Dr. and along the East side of the existing right-of-way of Cattle Creek Ln. The City of Laredo also has an existing 12" diameter water line running along the North side of the existing right-of-way of Wright Ranch Blvd. The water system for Cuatro Vientos East - Wright Ranch Subdivision, Phase V - consists of the extension of said 12" diameter water line along Wright Ranch Blvd. and 8" diameter water lines along proposed Border Collie Dr., Sheepdog Ln., Beechmasters Dr. and Cattle Creek Ln. that connect to said existing 8" diameter water lines respectively and 8" diameter water lines running along White Swiss Ct. and Hackney Ct. inside this subdivision. These lines will service a total of 154 residential lots through individual services consisting of a 1/2" diameter single service for individual lots and a 6" diameter dual service lines run to pairs of lots before splitting into two 1/2" diameter single service lines going to the water meter boxes for each lot. The 12" line, 8" lines, gate valves, MJ fittings, fire hydrants, the 1" dual service lines, the 1/2" single service lines, and the meter boxes have already been installed, at a total cost of \$747,200 or \$4,852.60 per lot. The subdivision has in addition paid the City of Laredo the sum of \$104,500 which covers the cost per lot for the water availability and water annexation fees.

Sewer Facilities: Description, Costs and Operability Date
Sewage from Cuatro Vientos East - Wright Ranch Subdivision, Phase V - will be disposed of through the sanitary sewer system of the City of Laredo. The City of Laredo has entered into a contract in which the City of Laredo has promised to provide sufficient sewerage disposal for the full development of this subdivision. The City of Laredo has existing 8" diameter sanitary sewer main running along the North side of the existing right-of-way of Border Collie Dr. and Sheepdog Ln., and along the South side of the existing right-of-way of Beechmasters Dr. running Westward then Northward. The sanitary sewer system for Cuatro Vientos East - Wright Ranch Subdivision, Phase V - consists of proposed 8" diameter sanitary sewer lines along Border Collie Dr., Sheepdog Ln., Beechmasters Dr., White Swiss Ct., Cattle Creek Ln. and Hackney Ct. that connect to said existing 8" diameter sanitary sewer main. The sanitary sewer system will service a total of 154 residential lots through individual services consisting of a 6" diameter single service for individual lots and a 6" diameter dual service lines run to pairs of lots before splitting into two 6" diameter single service lines. The 8" lines, the manholes, the clean-outs, the 6" dual service lines, and the 6" single service lines have already been installed, at a total cost of \$530,180 or \$3,442.73 per lot. The subdivision has in addition paid the City of Laredo the sum of \$61,106.27 which covers the cost per lot for the wastewater annexation fees and LUE's.

GRAPHIC SCALE IN FEET 25 50 100 200	VERTICAL SCALE: 1"=100' HORIZONTAL SCALE: 1"=100' DRAWN: R.B. CHECKED: T.P.N./N.N. APPROVED: R.B./N.N. FIELD BOOK	LEGEND: R.O.W. RIGHT OF WAY P.O.B. POINT OF BEGINNING W.C.P.R. WEBB COUNTY PLAT RECORDS W.C.D.R. WEBB COUNTY DEED RECORDS B.L. BUILDING LINES U.L. UTILITY LINES S.S.L. SANITARY SEWER LINE 1/2" R.O.W. R.O.W.
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CERTIFICATE OF ENGINEER
STATE OF TEXAS
COUNTY OF WEBB
BY MY SIGNATURE BELOW, I CERTIFY THAT THE WATER AND SEWAGE SERVICE DESCRIBED ABOVE, SHALL BE PROVIDED IN COMPLIANCE WITH THE MODEL RULES ADOPTED UNDER SECTION 16.343, WATER CODE.

07-21-25
DATE

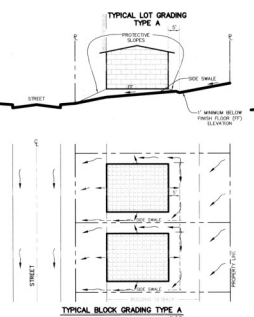
CERTIFICATE OF UTILITIES DIRECTOR
STATE OF TEXAS
COUNTY OF WEBB
BY MY SIGNATURE BELOW, I CERTIFY THAT THE WATER AND SEWAGE SERVICE DESCRIBED ABOVE, SHALL BE PROVIDED IN COMPLIANCE WITH THE MODEL RULES ADOPTED UNDER SECTION 16.343, WATER CODE.

7.21.2025
DATE

PORRAS NANCE ENGINEERING
304 E. CALTON RD.
LAREDO, TEXAS 78041
TYPE F-6205
TEL: 781-0888
OFFICE (956) 724-3097
WWW.PORRASNANCE.COM



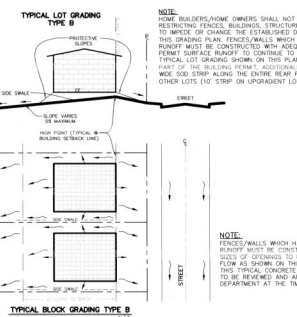
POST DEVELOPMENT TOPOGRAPHY
SCALE: 1"=100'



NOTE:
HOME BUILDERS/PHONE OWNERS SHALL NOT CHANGE THE GRADES OR CONSTRUCT FLOW RETURNING EXISTING BUILDINGS, STRUCTURES OR OTHER IMPROVEMENTS IN SUCH A WAY TO IMPROVE OR CHANGE THE ESTABLISHED DRAINAGE FLOW PATTERN AS INDICATED ON THIS GRADING PLAN. FENCES, WALLS, OR OTHER STRUCTURES THAT HAVE THE POTENTIAL TO BLOCK DRAINAGE MUST BE CONSTRUCTED WITH ADEQUATE NUMBER AND SIZE OF OPENINGS TO PERMIT SURFACE RUNOFF TO CONTINUE TO FLOW AS SHOWN ON THIS PLAN. TYPICAL LOT GRADING SHOWN ON THIS PLAN WILL BE DONE BY THE HOME BUILDER AS PART OF THE BUILDING. CONSTRUCTION OF THE HOME BUILDER SHALL INSTALL A 2" WIDE 500' STRIP ALONG THE LOTLINE NEAR PROPERTY LINE OF LOTS DRAINING ONTO THE OTHER LOTS (1/2" STRIP ON LOTLINE LOTS 4 & 12 ON CONJUGATE LOTS).



POST DEVELOPMENT TOPOGRAPHY
SCALE: 1"=100'



NOTE:
FENCES/WALLS WHICH HAVE THE POTENTIAL TO BLOCK DRAINAGE MUST BE CONSTRUCTED WITH ADEQUATE NUMBER AND SIZE OF OPENINGS TO PERMIT SURFACE RUNOFF TO CONTINUE TO FLOW AS SHOWN ON THIS PLAN. CONSTRUCTION OF THE HOME BUILDER SHALL INSTALL A 2" WIDE 500' STRIP ALONG THE LOTLINE NEAR PROPERTY LINE OF LOTS DRAINING ONTO THE OTHER LOTS (1/2" STRIP ON LOTLINE LOTS 4 & 12 ON CONJUGATE LOTS).

PROJECT DATA: ACRES: 28.133 ACRES LOTS: 154 LOTS R.O.W.: 50' B/B: 31'	PLAT OF: CUATRO VIENTOS EAST - WRIGHT RANCH SUBDIVISION, PHASE V - 28.133 ACRE TRACT OUT OF 4V HOLDINGS, LTD. TRACT 1 (148.91 ACRES) AS RECORDED IN VOL. 3702, PGS. 843-846 W.C.D.R. PORCION 34 - ABSTRACT 183, JOSE ANTONIO DIAZ, ORIGINAL GRANTEE CITY OF LAREDO, WEBB COUNTY, TEXAS	SHEET: 3 OF 3
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