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2033 2033 2+480 2031.68 2031.125

- 10 -5

0

5 10 2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+483.683 2031.70 2031.205

- 10 -5

0

5 10 2030 2030

2031 2031

2032 2032

2033 2033 2+490 2031.74 2031.341

- 10 -5

0

5 10 2030 2030

2031 2031

2032 2032

2033 2033

2034 2034 2+500 2031.83 2031.558

-10 -5

0

5 10 2030 2030

2031 2031

2032 2032

2033 2033

2034 2034 2+500.713 2031.84 2031.574

-10 -5

0

5 10 2030 2030

2031 2031

2032 2032

2033 2033

2034 2034 2+520 2032.22 2031.992

- 10 -5

0

5 10 2031 2031

2032 2032

2033 2033

2034 2034 2+540 2032.11 2032.337

-10 -5

0

5 10 2030 2030

2031 2031

2032 2032

2033 2033

2034 2034 2+560 2031.90 2032.431

- 10 -5

0

5 10 2030 2030

2031 2031

2032 2032

2033 2033

2034 2034 2+580 2032.02 2032.285

- 10 -5

0

5 10 2030 2030

2031 2031

2032 2032

2033 2033

2034 2034 2+600 2032.66 2032.081

- 10 -5

0

5 10 2030 2030

2031 2031

2032 2032

2033 2033

2034 2034 2+620 2032.45 2031.878

-10 -5

0

5 10 2030 2030

2031 2031

2032 2032

2033 2033

2034 2034 2+640 2032.19 2031.674

- 10 -5

0

5 10 2030 2030

2031 2031

2032 2032

2033 2033 2+660 2031.96 2031.471

- 10 -5

0

5 10 2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+680 2031.84 2031.267

- 10 -5

0

5 10 2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+700 2031.76 2031.063

-10 -5

0

5 10 2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+700.127 2031.76 2031.062

-10 -5

0

5 10 2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+710 2031.63 2030.962

- 10 -5

0

5 10 2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+716.107 2031.52 2030.901

-10 -5

0

5 10 2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+720 2031.45 2030.868

-10 -5

0

5 10 2028 2028

2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+730 2030.90 2030.804

-10 -5

0

5 10 2028 2028

2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+740 2029.48 2030.769

-10 -5

0

5 10 2028 2028

2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+750 2030.72 2030.764

-10 -5

0

5 10 2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+760 2030.36 2030.789

-10 -5

0

5 10 2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+770 2030.08 2030.835

-10 -5

0

5 10 2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+780 2030.32 2030.882

-10 -5

0

5 10 2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+790 2030.59 2030.929

-10 -5

0

5 10 2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+800 2030.82 2030.976

-10 -5

0

5 10 2029 2029

2030 2030

2031 2031

2032 2032

2033 2033 2+810 2030.95 2031.024

- 10 -5

0

5 10 1987 1987

1988 1988

1989 1989

1990 1990

1991 1991 0+000 1989.50 1989.025
UNIVERSIDAD:
UNIVERSITARIO:

AUTONOMA JUAN MISAEL SARACHO
ERICK VILLARROEL BURGOS

MATERIA:
TEMA:

PROYECTO DE GRADO I - II
DISEÑO GEOMETRICO Y ESTRUCTURAL DEL TRAMO SAN ANDRES - SAN PEDRO DE SOLA

PLANO:
ESCALA:

PLANTA PERFIL
1:150

LAMINA

5/13

VoBo:

UNIVERSIDAD:
UNIVERSITARIO:

AUTONOMA JUAN MISAEL SARACHO
ERICK VILLARROEL BURGOS

MATERIA:
TEMA:

PROYECTO DE GRADO I - II
DISEÑO GEOMETRICO Y ESTRUCTURAL DEL TRAMO SAN ANDRES - SAN PEDRO DE SOLA

PLANO:
ESCALA:

PLANTA PERFIL
1:150

LAMINA

6/13

VoBo:

UNIVERSIDAD:
UNIVERSITARIO:

AUTONOMA JUAN MISAEL SARACHO
ERICK VILLARROEL BURGOS

MATERIA:
TEMA:

PROYECTO DE GRADO I - II
DISEÑO GEOMETRICO Y ESTRUCTURAL DEL TRAMO SAN ANDRES - SAN PEDRO DE SOLA

PLANO:
ESCALA:

PLANTA PERFIL
1:150

LAMINA

7/13

VoBo: UNIVERSIDAD:
UNIVERSITARIO:

AUTONOMA JUAN MISAEL SARACHO
ERICK VILLARROEL BURGOS

MATERIA:
TEMA:

PROYECTO DE GRADO I - II
DISEÑO GEOMETRICO Y ESTRUCTURAL DEL TRAMO SAN ANDRES - SAN PEDRO DE SOLA

PLANO:
ESCALA:

PLANTA PERFIL
1:150

LAMINA

8/13

VoBo:

UNIVERSIDAD:
UNIVERSITARIO:

AUTONOMA JUAN MISAEL SARACHO
ERICK VILLARROEL BURGOS

MATERIA:
TEMA:

PROYECTO DE GRADO I - II
DISEÑO GEOMETRICO Y ESTRUCTURAL DEL TRAMO SAN ANDRES - SAN PEDRO DE SOLA

PLANO:
ESCALA:

PLANTA PERFIL
1:150

LAMINA

9/13

VoBo: