





PARCEL NUMBER 44000-00-459  
 OWNER:  
 PIKES PEAK CHAPTER -  
 IZAAK WALTON LEAGUE  
 450 SOUTH FRANCEVILLE  
 COAL MINE ROAD  
 COLORADO SPRINGS, CO 80929  
 ZONE: A-5  
 USE: GUN CLUB/  
 SHOOTING RANGE

PARCEL NUMBER 44000-00-529  
 OWNER:  
 PERRY HASTINGS  
 11260 WEST LAKE  
 COLORADO SPRINGS, CO 80929  
 ZONE: A-5, RR-5  
 USE: VACANT

PROPOSED 24" OUTLET PIPE W/24" FES  
 SEE PROFILE ON SHEET 4  
 PROPOSED EMERGENCY SPILLWAY  
 SPILLWAY CREST: 6237.50'  
 TOP OF POND: 6239.00'  
 SEE DETAIL ON SHEET 4  
 EXISTING 30" CMP ENDS  
 ASSUMED INVERTS:  
 6229.75' (E)  
 6228.08' (W)

PROPOSED TYPE L SOIL RIPRAP  
 W1=6.0', W2=3.5', L=±12.5', MIN. DEPTH=18"  
 APPARENT  
 60.00'  
 PUBLIC R.O.W.

PROPOSED TRICKLE CHANNEL  
 6" CONCRETE W/ 0.5' DEPTH  
 TYP. SECTION ON SHEET 4  
 RIPRAP RUNDOWN INTO FOREBAY  
 TYPE L SOIL RIPRAP (MIN. 18" DEPTH)  
 SEE TYP. SECTION ON SHEET 4  
 AND DETAIL ON SHEET 5

PARCEL NUMBER 44000-00-530  
 OWNER:  
 SHIRLEY BOUCHER LIVING TRUST  
 2440 PALMER PARK BLVD., APT 105  
 COLORADO SPRINGS, CO 80909  
 ZONE: RR-5  
 USE: RESIDENTIAL

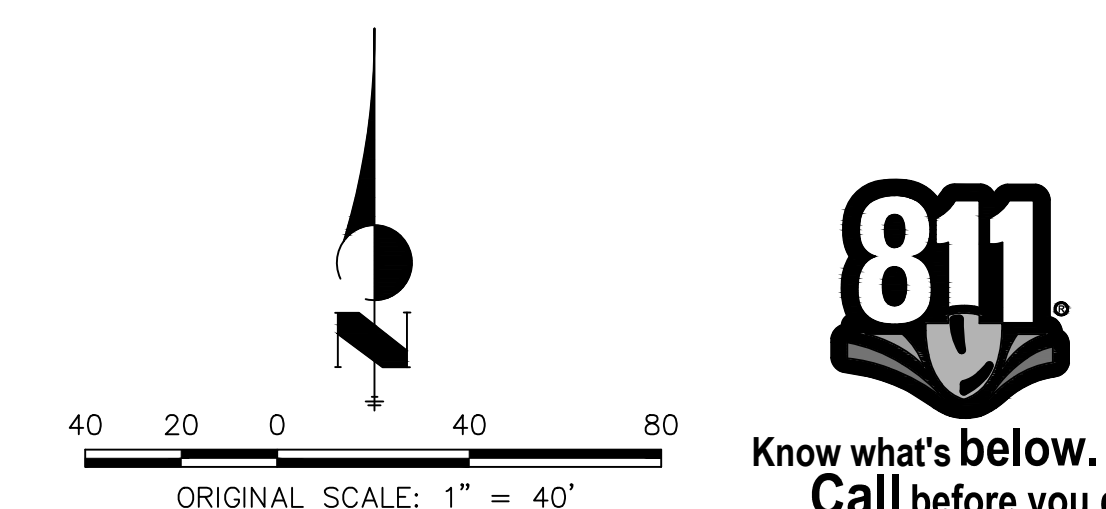
PARCEL NUMBER 44000-00-531  
 OWNER:  
 PERRY HASTINGS  
 11260 WEST LAKE  
 COLORADO SPRINGS, CO 80929  
 ZONE: RR-5  
 USE: STORAGE / PARKING

**LEGEND**

SILT FENCE	(SF) — SF	PROPOSED FLOW PATH	→
STABILIZED STAGING AREA	(SSA) [Pattern]	EXISTING FLOW PATH	⇨
VEHICLE TRACKING CONTROL	(VTC) [Pattern]	LIMITS OF CONSTRUCTION/ DISTURBANCE	(LOD) - - - - -
CONCRETE WASHOUT AREA	(CWA) [Pattern]	PERMANENT SEEDING AND MULCHING	(SM) [Pattern]
OUTLET PROTECTION	(OP) [Symbol]	TEMPORARY SEDIMENT BASIN	(TSB) [Symbol]
CHECK DAM	(CD) [Symbol]	TEMPORARY SLOPE DRAIN	(TSD) [Symbol]

**GEC NOTES:**

1. THE EXISTING VEGETATION ON THE SITE IS LIMITED DUE TO THE LOCATION'S ARID CLIMATE. ADDITIONALLY, THE SITE AND DRIVE HAVE BEEN STABILIZED W/ ASPHALT AND GRAVEL FOR USE.
2. THE INITIAL BMPs INCLUDE: SF, VTC, SSA, CWA, CD, TSD, AND TSB. THE INTERIM BMPs INCLUDE: OP. THE FINAL PHASE BMPs INCLUDE: SM AND REMOVAL OF TEMPORARY BMPs ONCE FINAL STABILIZATION IS COMPLETED.



**811**  
 Know what's below.  
 Call before you dig.

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, OR ENGINEERING APPROVES THEIR USE, THESE DRAWINGS ARE DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR  
**GATEWAY TRUCKING, LLC**  
 235 S. FRANCEVILLE COAL MINE RD  
 COLORADO SPRINGS, CO 80929  
 ATTN: PERRY HASTINGS  
 602-558-0846  
 HASTINGSCONTRACTING@GMAIL.COM

**J.R. ENGINEERING**  
 A Westman Company  
 Central 303-740-9383 • Colorado Springs 719-583-2593  
 Fort Collins 970-491-9888 • www.jrengineering.com

No.	REVISION	BY	DATE

H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
1"=40'	N/A	05/24/22	GAG	GAG	

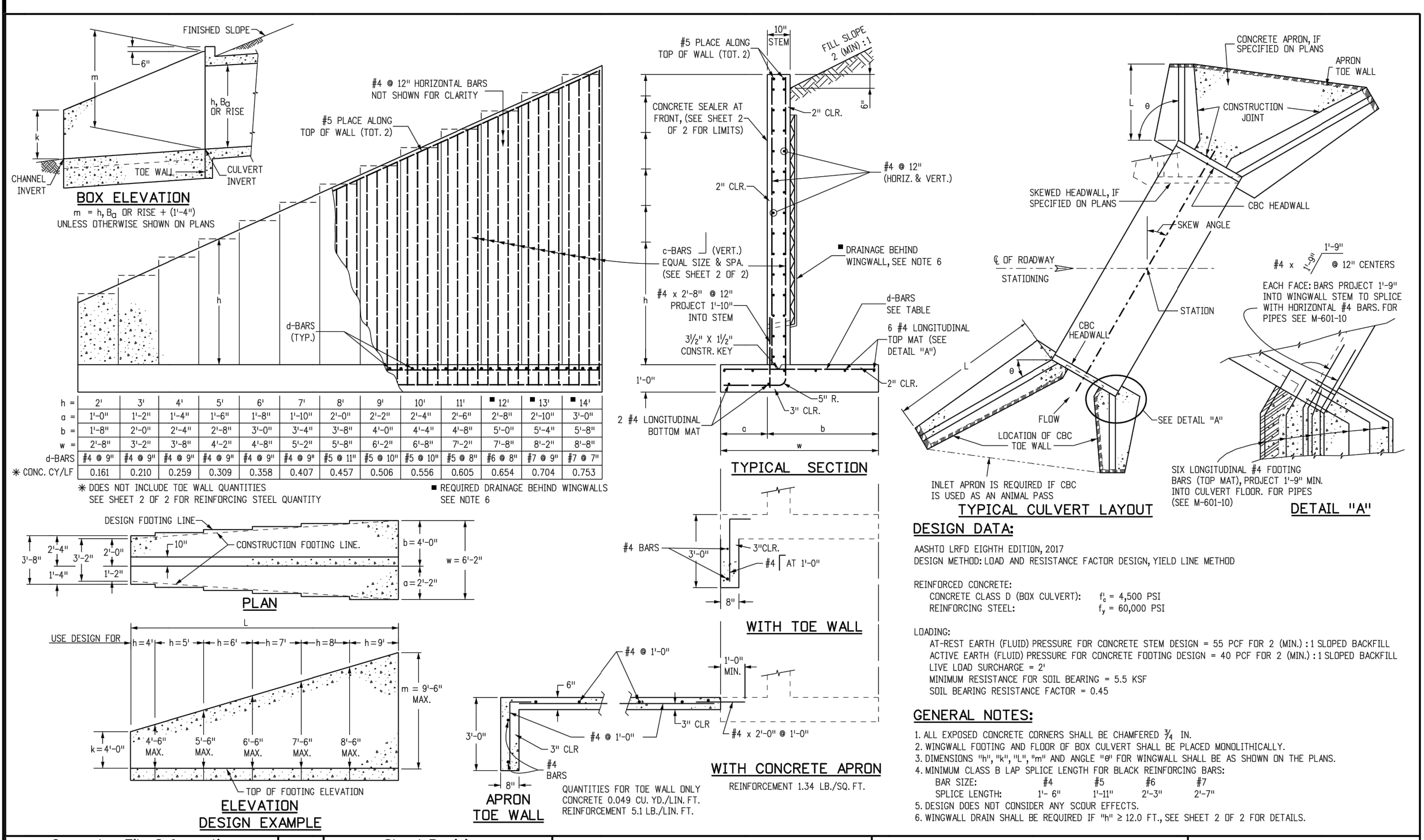
**GATEWAY TRUCKING SITE  
 DEVELOPMENT PLAN  
 GRADING AND EROSION  
 CONTROL PLAN**

SHEET 3 OF 9  
 JOB NO. 25215.00









**c-BARS AND REINFORCING STEEL QUANTITY (EXCLUDE TOE WALL)**

\* REINFORCING STEEL QUANTITY INCLUDES STEM AND FOOTING QUANTITIES, BUT DOES NOT INCLUDE TOE WALL QUANTITIES.

L (MULTIPLE OF m)	k (FT)	≤ (0.25 x m)		≤ (0.5 x m)		≤ (0.75 x m)		≤ (2.0 x m)		≤ (2.25 x m)		≤ (2.5 x m)		≤ (3.0 x m)		≤ (3.5 x m)	
		*REINFB. LB./L.F.	*REINF. LB./L.F.	*REINFB. LB./L.F.	*REINF. LB./L.F.	*REINFB. LB./L.F.	*REINF. LB./L.F.	*REINFB. LB./L.F.	*REINFB. LB./L.F.	*REINFB. LB./L.F.	*REINFB. LB./L.F.	*REINFB. LB./L.F.	*REINFB. LB./L.F.	*REINFB. LB./L.F.	*REINFB. LB./L.F.	*REINFB. LB./L.F.	*REINFB. LB./L.F.
4	4	53.60	57.95	57.10	60.22	62.43	62.09	65.38	65.15	67.10	66.84	69.71	70.66	73.10	72.85	76.17	77.12
4	5	55.86	60.46	59.60	62.89	65.23	64.88	68.34	68.11	70.17	69.91	73.28	74.23	76.67	76.42	80.14	81.09
4	6	64.43	70.60	69.30	72.83	74.83	74.48	78.30	78.05	80.33	80.08	83.85	84.80	87.33	87.08	91.21	92.16
4	7	67.29	73.76	72.60	76.13	78.32	77.97	81.87	81.62	84.10	83.85	87.62	88.57	91.10	90.85	95.14	96.09
4	8	74.71	83.46	82.30	85.77	87.97	87.62	91.57	91.32	93.80	93.55	97.42	98.37	100.90	100.65	105.14	106.09
4	9	81.10	90.23	89.10	92.57	94.77	94.42	98.37	98.12	100.60	100.35	104.22	105.17	107.70	107.45	112.14	113.09
4	10	86.33	95.86	94.70	98.05	100.25	99.90	103.85	103.60	106.08	105.83	109.70	110.65	113.18	112.93	117.72	118.67
4	11	90.57	100.50	99.30	101.49	103.69	103.34	107.29	107.04	109.52	109.27	113.14	114.09	116.62	116.37	121.26	122.21
4	12	93.97	104.30	103.10	105.09	107.29	106.94	110.89	110.64	113.12	112.87	116.74	117.69	120.22	119.97	124.86	125.81
4	13	96.54	107.26	106.00	107.99	110.19	109.84	113.79	113.54	116.02	115.77	119.64	120.59	123.12	122.87	127.76	128.71
4	14	98.29	109.51	108.20	110.09	112.29	111.94	115.89	115.64	118.12	117.87	121.74	122.69	125.22	124.97	129.86	130.81
4	15	99.24	110.46	109.10	110.99	113.19	112.84	116.79	116.54	119.02	118.77	122.64	123.59	126.12	125.87	130.76	131.71
4	16	100.19	111.41	109.90	111.99	114.19	113.84	117.79	117.54	120.02	119.77	123.64	124.59	127.12	126.87	131.76	132.71
4	17	101.14	112.36	110.60	112.99	115.19	114.84	118.79	118.54	121.02	120.77	124.64	125.59	128.12	127.87	132.76	133.71
4	18	102.09	113.31	111.50	113.99	116.19	115.84	119.79	119.54	122.02	121.77	125.64	126.59	129.12	128.87	133.76	134.71
4	19	103.04	114.26	112.40	114.99	117.19	116.84	120.79	120.54	123.02	122.77	126.64	127.59	130.12	129.87	134.76	135.71
4	20	104.00	115.21	113.30	115.99	118.19	117.84	121.79	121.54	124.02	123.77	127.64	128.59	131.12	130.87	135.76	136.71
4	21	104.95	116.16	114.20	116.99	119.19	118.84	122.79	122.54	125.02	124.77	128.64	129.59	132.12	131.87	136.76	137.71
4	22	105.90	117.11	115.10	117.99	120.19	119.84	123.79	123.54	126.02	125.77	129.64	130.59	133.12	132.87	137.76	138.71
4	23	106.85	118.06	116.00	118.99	121.19	120.84	124.79	124.54	127.02	126.77	130.64	131.59	134.12	133.87	138.76	139.71
4	24	107.80	119.01	116.90	119.99	122.19	121.84	125.79	125.54	128.02	127.77	131.64	132.59	135.12	134.87	139.76	140.71
4	25	108.75	120.00	117.80	120.99	123.19	122.84	126.79	126.54	129.02	128.77	132.64	133.59	136.12	135.87	140.76	141.71
4	26	109.70	121.00	118.70	121.99	124.19	123.84	127.79	127.54	130.02	129.77	133.64	134.59	137.12	136.87	141.76	142.71
4	27	110.65	122.00	119.60	122.99	125.19	124.84	128.79	128.54	131.02	130.77	134.64	135.59	138.12	137.87	142.76	143.71
4	28	111.60	123.00	120.50	123.99	126.19	125.84	129.79	129.54	132.02	131.77	135.64	136.59	139.12	138.87	143.76	144.71
4	29	112.55	124.00	121.40	124.99	127.19	126.84	130.79	130.54	133.02	132.77	136.64	137.59	140.12	139.87	144.76	145.71
4	30	113.50	125.00	122.30	125.99	128.19	127.84	131.79	131.54	134.02	133.77	137.64	138.59	141.12	140.87	145.76	146.71
4	31	114.45	126.00	123.20	126.99	129.19	128.84	132.79	132.54	135.02	134.77	138.64	139.59	142.12	141.87	146.76	147.71
4	32	115.40	127.00	124.10	127.99	130.19	129.84	133.79	133.54	136.02	135.77	139.64	140.59	143.12	142.87	147.76	148.71
4	33	116.35	128.00	125.00	128.99	131.19	130.84	134.79	134.54	137.02	136.77	140.64	141.59	144.12	143.87	148.76	149.71
4	34	117.30	129.00	125.90	129.99	132.19	131.84	135.79	135.54	138.02	137.77	141.64	142.59	145.12	144.87	149.76	150.71
4	35	118.25	130.00	126.80	130.99	133.19	132.84	136.79	136.54	139.02	138.77	142.64	143.59	146.12	145.87	150.76	151.71
4	36	119.20	131.00	127.70	131.99	134.19	133.84	137.79	137.54	140.02	139.77	143.64	144.59	147.12	146.87	151.76	152.71
4	37	120.15	132.00	128.60	132.99	135.19	134.84	138.79	138.54	141.02	140.77	144.64	145.59	148.12	147.87	152.76	153.71
4	38	121.10	133.00	129.50	133.99	136.19	135.84	139.79	139.54	142.02	141.77	145.64	146.59	149.12	148.87	153.76	154.71
4	39	122.05	134.00	130.40	134.99	137.19	136.84	140.79	140.54	143.02	142.77	146.64	147.59	150.12	149.87	154.76	155.71
4	40	123.00	135.00	131.30	135.99	138.19	137.84	141.79	141.54	144.02	143.77	147.64	148.59	151.12	150.87	155.76	156.71
4	41	123.95	136.00	132.20	136.99	139.19	138.84	142.79	142.54	145.02	144.77	148.64	149.59	152.12	151.87	156.76	157.71
4	42	124.90	137.00	133.10	137.99	140.19	139.84	143.79	143.54	146.02	145.77	149.64	150.59	153.12	152.87	157.76	158.71
4	43	125.85	138.00	134.00	138.99	141.19	140.84	144.79	144.54	147.02	146.77	150.64	151.59	154.12	153.87	158.76	159.71
4	44	126.80	139.00	134.90	139.99	142.19	141.84	145.79	145.54	148.02	147.77	151.64	152.59	155.12	154.87	159.76	160.71
4	45	127.75	140.00	135.80	140.99	143.19	142.84	146.79	146.54	149.02	148.77	152.64	153.59	156.12	155.87	160.76	161.71
4	46	128.70	141.00	136.70	141.99	144.19	143.84	147.79	147.54	150.02	149.77	153.64	154.59	157.12	156.87	161.76	162.71
4	47	129.65	142.00	137.60	142.99	145.19	144.84	148.79	148.54	151.02	150.77	154.64	155.59	158.12	157.87	162.76	163.71
4	48	130.60	143.00	138.50	143.99	146.19	145.84	149.79	149.54	152.02	151.77	155.64	156.59	159.12	158.87	163.76	164.71
4	49	131.55	144.00	139.40	144.99	147.19	146.84	150.79	150.54	153.02	152.77	156.64	157.59	160.12	159.87	164.76	165.71
4	50	132.50	145.00	140.30	145.99	148.19	147.84	151.79	151.54	154.02	153.77	157.64	158.59	161.12	160.87	165.76	166.71
4	51	133.45	146.00	141.20	146.99	149.19	148.84	152.79	152.54	155.02	154.77	158.64	159.59	162.12	161.87	166.76	167.71
4	52	134.40	147.00	142.10	147.99	150.19	149.84	153.79	153.54	156.02	155.77	159.64	160.59	163.12	162.87	167.76	168.71
4	53	135.35	148.00	143.00	148.99	151.19	150.84	154.79	154.54	157.02	156.77	160.64	161.59	164.12	163.87	168.76	169.71
4	54	136.30	149.00	143.90	149.99	152.19	151.84	155.79	155.54	158.02	157.77	161.64	162.59	165.12	164.87	169.76	170.71
4	55	137.25	150.00	144.80	150.99	153.19	152.84	156.79	156.54	159.02	158.77	162.64	163.59	166.12	165.87	170.76	171.71
4	56	138.20	151.00	145.70	151.99	154.19	153.84	157.79	157.54	160.02	159.77	163.64	164.59	167.12	166.87	171.76	172.71
4	57	139.15	152.00	146.60	152.99	155.19	154.84	158.79	158.54	161.02	160.77	164.64	165.59	168.12	167.87	172.76	173.71
4	58	140.10	153.00	147.50	153.99	156.19	155.84	159.79	159.54	162.02	161.77	165.64	166.59	169.12	168.87	173.76	174.71
4	59	141.05	154.00	148.40	154.99	157.19	156.84	160.79	160.54	163.02	162.77	166.64	167.59	170.12	169.87	174.76	175.71
4	60	142.00	155.00	149.30	155.99	158.19	157.84	161.79	161.54	164.02	163.77	167.64	168.59	171.12	170.87	175.76	176.71
4	61	142.95	156.00	150.20	156.99	159.19	158.84	162.79	162.54	165.02	164.77	168.64	169.59	172.12	171.87	176.76	177.71
4	62	143.90	157.00	151.10	157.99	160.19	159.84	163.79	163.54</								





