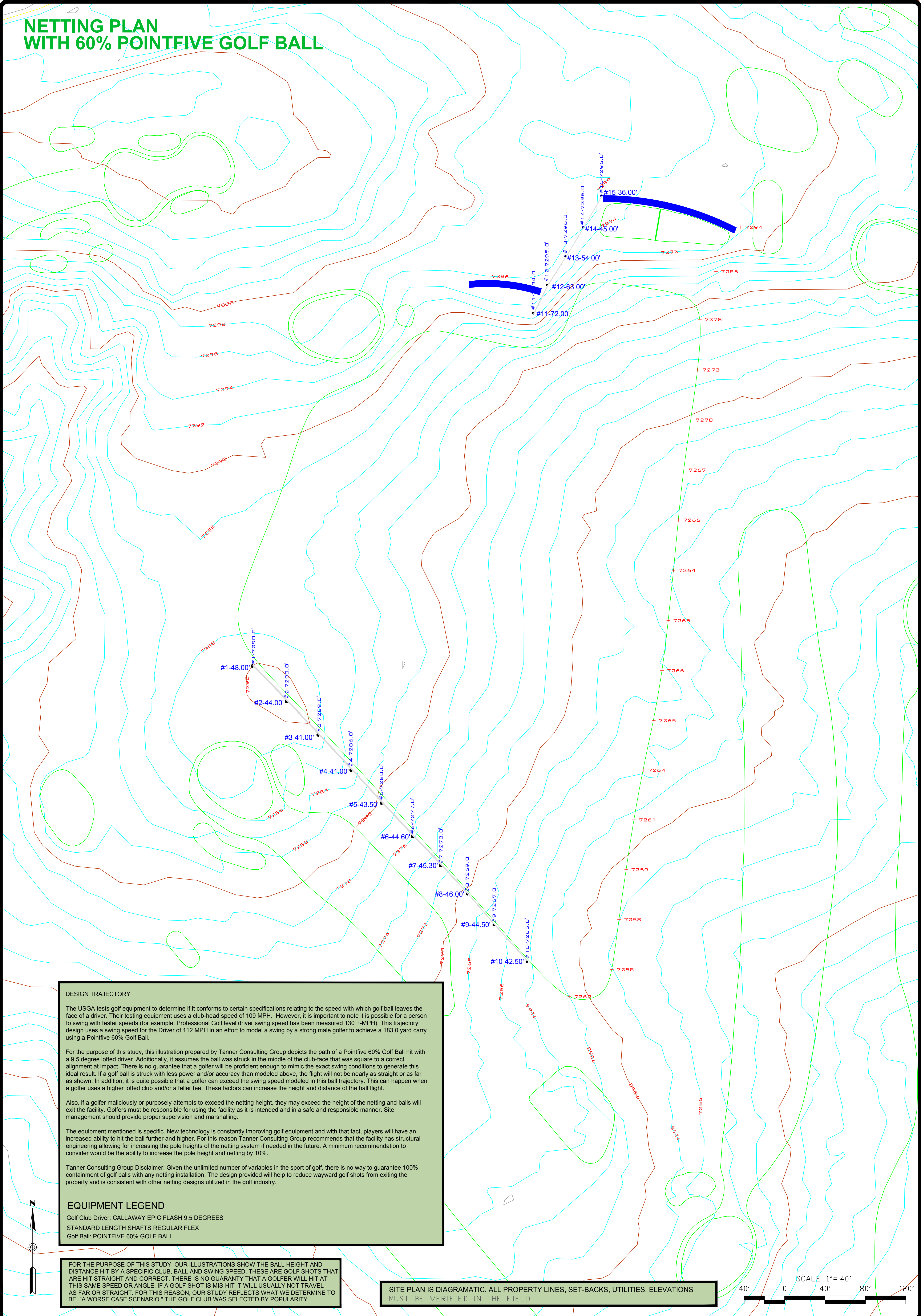


NETTING PLAN
WITH 60% POINTFIVE GOLF BALL



DESIGN TRAJECTORY

The USA tests golf equipment to determine if it conforms to certain specifications relating to the speed with which golf ball leaves the face of a driver. Their testing equipment uses a club-head speed of 109 MPH. However, it is important to note it is possible for a person to swing with faster speeds (for example: Professional Golf level driver swing speed has been measured 130 +/-MPH). This trajectory design uses a swing speed for the Driver of 112 MPH in an effort to model a swing by a strong male golfer to achieve a 183.0 yard carry using a Pointfive 60% Golf Ball.

For the purpose of this study, this illustration prepared by Tanner Consulting Group depicts the path of a Pointfive 60% Golf Ball hit with a 9.5 degree lofted driver. Additionally, it assumes the ball was struck in the middle of the club-face that was square to a correct alignment at impact. There is no guarantee that a golfer will be proficient enough to mimic the exact swing conditions to generate this ideal result. If a golf ball is struck with less power and/or accuracy than modeled above, the flight will not be nearly as straight or as far as shown. In addition, it is quite possible that a golfer can exceed the swing speed modeled in this ball trajectory. This can happen when a golfer uses a higher lofted club and/or a taller tee. These factors can increase the height and distance of the ball flight.

Also, if a golfer maliciously or purposely attempts to exceed the netting height, they may exceed the height of the netting and balls will exit the facility. Golfers must be responsible for using the facility as it is intended and in a safe and responsible manner. Site management should provide proper supervision and marshalling.

The equipment mentioned is specific. New technology is constantly improving golf equipment and with that fact, players will have an increased ability to hit the ball further and higher. For this reason Tanner Consulting Group recommends that the facility has structural engineering allowing for increasing the pole heights of the netting system if needed in the future. A minimum recommendation to consider would be the ability to increase the pole height and netting by 10%.

Tanner Consulting Group Disclaimer: Given the unlimited number of variables in the sport of golf, there is no way to guarantee 100% containment of golf balls with any netting installation. The design provided will help to reduce wayward golf shots from exiting the property and is consistent with other netting designs utilized in the golf industry.

EQUIPMENT LEGEND

Golf Club Driver: CALLAWAY EPIC FLASH 9.5 DEGREES
STANDARD LENGTH SHAFTS REGULAR FLEX
Golf Ball: POINTFIVE 60% GOLF BALL

FOR THE PURPOSE OF THIS STUDY, OUR ILLUSTRATIONS SHOW THE BALL HEIGHT AND DISTANCE HIT BY A SPECIFIC CLUB, BALL AND SWING SPEED. THESE ARE GOLF SHOTS THAT ARE HIT STRAIGHT AND CORRECT. THERE IS NO GUARNTY THAT A GOLFER WILL HIT AT THIS SAME SPEED OR ANGLE. IF A GOLF SHOT IS MIS-HIT IT WILL USUALLY NOT TRAVEL AS FAR OR STRAIGHT. FOR THIS REASON, OUR STUDY REFLECTS WHAT WE DETERMINE TO BE "A WORSE CASE SCENARIO." THE GOLF CLUB WAS SELECTED BY POPULARITY.

SITE PLAN IS DIAGRAMATIC. ALL PROPERTY LINES, SET-BACKS, UTILITIES, ELEVATIONS MUST BE VERIFIED IN THE FIELD

SCALE 1"= 40'
0 40' 80' 120'

SHEET NAME
N-2

NOVEMBER 29 2021
SCALE 1"=40'
JOB NO. F-3

LOS ALAMOS COUNTY GOLF COURSE
DRIVING RANGE
4290 DIAMOND DRIVE
LOS ALAMOS, NEW MEXICO 87544

NETTING PLAN
WITH 60% POINTFIVE GOLF BALL

TANNER
CONSULTING GROUP

603 Stanford Ct. Valley Springs, CA 95252
Ph (209)772-2233 Fax (209)772-2230
e-mail: tannerconsulting@aol.com website: www.tannerconsulting.com

BALL TRAJECTORY/NETTING PLAN
WITH 60% POINTFIVE GOLF BALL

DESIGN TRAJECTORY

The USGA tests golf equipment to determine if it conforms to certain specifications relating to the speed with which golf ball leaves the face of a driver. Their testing equipment uses a club-head speed of 109 MPH. However, it is important to note it is possible for a person to swing with faster speeds (for example: Professional Golf level driver swing speed has been measured 130 +-MPH). This trajectory design uses a swing speed for the Driver of 112 MPH in an effort to model a swing by a strong male golfer to achieve a 183.0 yard carry using a Pointfive 60% Golf Ball.

For the purpose of this study, this illustration prepared by Tanner Consulting Group depicts the path of a Pointfive 60% Golf Ball hit with a 9.5 degree lofted driver. Additionally, it assumes the ball was struck in the middle of the club-face that was square to a correct alignment at impact. There is no guarantee that a golfer will be proficient enough to mimic the exact swing conditions to generate this ideal result. If a golf ball is struck with less power and/or accuracy than modeled above, the flight will not be nearly as straight or as far as shown. In addition, it is quite possible that a golfer can exceed the swing speed modeled in this ball trajectory. This can happen when a golfer uses a higher lofted club and/or a taller tee. These factors can increase the height and distance of the ball flight.

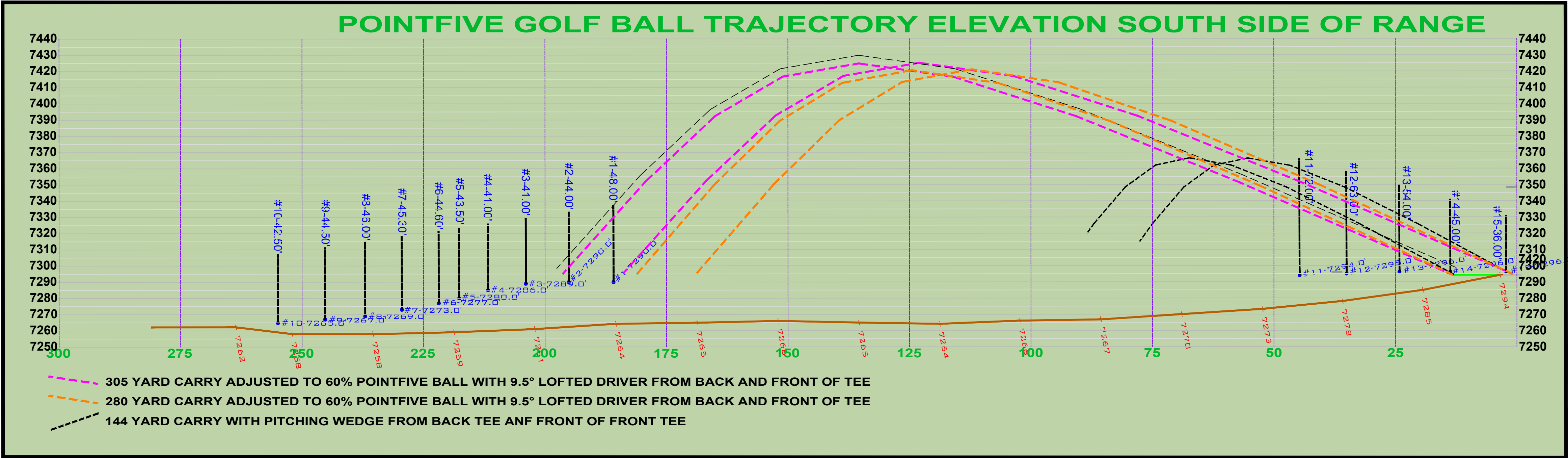
Also, if a golfer maliciously or purposely attempts to exceed the netting height, they may exceed the height of the netting and balls will exit the facility. Golfers must be responsible for using the facility as it is intended and in a safe and responsible manner. Site management should provide proper supervision and marshalling.

The equipment mentioned is specific. New technology is constantly improving golf equipment and with that fact, players will have an increased ability to hit the ball further and higher. For this reason Tanner Consulting Group recommends that the facility has structural engineering allowing for increasing the pole heights of the netting system if needed in the future. A minimum recommendation to consider would be the ability to increase the pole height and netting by 10%.

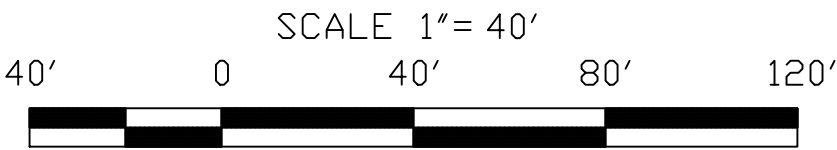
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EQUIPMENT LEGEND

Golf Club Driver: CALLAWAY EPIC FLASH 9.5 DEGREES
STANDARD LENGTH SHAFTS REGULAR FLEX
Golf Ball: POINTFIVE 60% GOLF BALL



FOR THE PURPOSE OF THIS STUDY, OUR ILLUSTRATIONS SHOW THE BALL HEIGHT AND DISTANCE HIT BY A SPECIFIC CLUB, BALL, AND SWING SPEED. THESE ARE GOLF SHOTS THAT ARE HIT STRAIGHT AND CORRECT. THERE IS NO GUARANTY THAT A GOLFER WILL HIT AT THIS SAME SPEED OR ANGLE. IF A GOLF SHOT IS MIS-HIT IT WILL USUALLY NOT TRAVEL AS FAR OR STRAIGHT. FOR THIS REASON, OUR STUDY REFLECTS WHAT WE DETERMINE TO BE "A WORSE CASE SCENARIO." THE GOLF CLUB WAS SELECTED BY POPULARITY.



BALL TRAJECTORY
NETTING PLAN
WITH 60% POINTFIVE GOLF BALL

LOS ALAMOS COUNTY GOLF COURSE
DRIVING RANGE
4290 DIAMOND DRIVE
LOS ALAMOS, NEW MEXICO 87544

DRAWN
DT
CHECKED

NOVEMBER 29, 2021

SCALE
1" = 40'

JOB No.
R-3

SHEET NAME

N-3

TANNER
CONSULTING GROUP

603 Stanford Ct.
Valley Springs, CA 95252
Ph (209)772-2230 Fax (209)772-2230
e-mail: tannerconsulting@aol.com
website: www.tannerconsulting.com

LOS ALAMOS

Golf Course

Limited Flight Range Ball Question/Comment Results

Number of question/comment cards represented in this report: 95

Average age of individuals filling out question/comment cards: 44

Handicap:

a. Total number of individuals who provided handicap information: 74 out of 95 responses

b. Average handicap of those reporting: 16.3 **(18-hole handicap)**

Rounds played annually:

c. Total number of individuals who provided annual rounds played: 87 out of 95 responses

d. Average annual rounds played of those reporting: 39

i. 18-hole and 9-hole rounds accepted

1, Describe your experience, such as feel and results, when hitting a limited flight ranger ball versus the range ball currently in use. (89 of 95 individuals provided feedback) (* = neutral comment, + = favorable comment, - = unfavorable comment)

e. **Hard to notice mishits, ok for warming up ***

f. **Ball feels hollow and ball flight is unpredictable. Goes much higher the regular range ball. -**

g. **Feel is OK, good sound, works for short game. +**

h. **Feel safe that these balls won't go over the net. +**

i. **Lighter than regular range ball. ***

j. **Too light, like swinging ta air, no feel. -**

k. **I think it feels better than original range balls. +**

l. **Feels and looks OK, magnifies ball spin. +**

m. **Do not feel like a real ball, but they fly well. -**

n. **No problems with limited flight ball. +**

o. **Limited flight balls do not feel the same but will work if that's the only option. ***

p. **Softer and lighter. Ok feel, better than I expected. +**

q. **Much less resistant at impact. Ball flight higher. 20-yard distance loss. Hooks or slices more. -**

r. **Shorter flight and feel lighter. -**

s. **Feel about the same as regular range ball. +**

t. **Bad shots are accentuated. -**

u. **Don't see or feel real results. Don't like them. -**

v. **Ball feels OK. Flies much higher. Much lighter. Good idea to use if we need to. +**

w. **Can't rely on them to show me real results. They won't help me improve in accuracy and distance. -**

x. **Light off the club face. Minimal feel, but some feel. Would not be useful at all on windy days. -**

y. **Feels light. Results are somewhat close to regular range balls. +**

z. **They are too light and messes me up a bunch. The feel off the club is misleading. -**

aa. **I think they feel and work fine. +**

bb. **Not as heavy. Can't tell if the hits are square. -**

cc. **Flew shorter and higher. ***

- dd. *My results were not good.* -
- ee. *Felt good.* +
- ff. *Didn't have much feel. Fly higher, distance much more limited.* -
- gg. *Much too light. No real feedback.* -
- hh. *Felt lighter, but great to warm up with. Can't track shots.* *
- ii. *Can barely feel the ball come off the club face. I do not care for them.* -
- jj. *I like how they flew. More hang time, which is fine for me.* +
- kk. *Feels like hitting a plastic kid's ball. No distance.* -
- ll. *No difference.* *
- mm. *They work just fine for warm p. Solid strike, true flight.* +
- nn. *They are OK.* +
- oo. *Good for warm up. Great option for fixing course.* +
- pp. *Sound is ok. Longer clubs, flight is OK. Short clubs, hit way too high.* *
- qq. *Seem to have more loft. Feels lighter. Seems ok for aim. Have no issues with them.* +
- rr. *Flies further than I thought it would. Ball speed and direction felt normal.* +
- ss. *Seems to make good contact. I am a new player, losing that distance is demoralizing, but not a huge concern.* *
- tt. *The ball had a much better feel than I thought it would. Did not travel as far. Hard to gauge whether I hit a solid shot or not.* *
- uu. *They are OK, Don't fly as far.* +
- vv. *Went further than I thought they would.* +
- ww. *Lack of feel.* -
- xx. *Results were OK.* *
- yy. *Felt OK, just less distance.* +
- zz. *Feel was similar to regular range ball. Trajectory is good, but then dies in the air. These are amusing.* *
- aaa. *I like them.* +
- bbb. *Sound terrible. Much lighter feel off the club face. I hit my driver 300, hit limited flight ball about 225.* -
- ccc. *Way too light. Ball flight is very different.* -
- ddd. *Like hitting a whiffle ball. Absolutely no shot feedback.* -
- eee. *Pretty good, don't go as far.* *
- fff. *Ball feels lighter but moves similarly to regular range ball. Not as far. Great for hitting my driver.* +
- ggg. *Pretty good, better than expected.* +
- hhh. *Much lighter and popped up into the air higher with irons.* -
- iii. *Accurate for all clubs. Worked better with short irons than long irons.* +
- jjj. *Felt like hitting a whiffle ball.* -
- kkk. *Difficult to tell how well I am hitting the ball.* -
- lll. *They feel terrible.* -
- mmm. *No good.* -
- nnn. *Ball flight is less. Ball flies much steeper off contact. Reasonable flight with OK feedback.* +
- ooo. *Balls are too light. Can't judge off center hits.* -
- ppp. *When I hit the ball flush it goes fine. Fades and draws are accentuated.* +

qqq. **Ball feels more forgiving. ***
 rrr. **Good. +**
 sss. **Ball feels light but flies true. +**
 ttt. **Feel OK. +**
 uuu. **Balls feel good, but I am bad at hitting any ball. +**
 vvv. **Easier to hit. More sensitive to spin. +**
 www. **Balls fly Ok. Not much feel at impact. ***
 xxx. **Similar feel to regular range ball, but hard to gauge results and determine how my ball striking is performing. –**
 yyy. **Ball flight similar to regular range ball. 25 yards shorter. Lighter with less feel at impact. Spins more. Side spins are accentuated. –**
 zzz. **Pleasantly surprised. Feels normal until about 5 iron and woods, then feels weird+**
 aaaa. **Flies like a whiffle ball. Spin exaggerated. Very wobbly flight –**
 bbbb. **They curve a lot more, but probably OK ***
 cccc. **Fine for warm up, but need regular range balls to gauge distance and accuracy –**
 dddd. **I like the limited flight range balls +**
 eeee. **Pretty good. Fly fairly true, although weird when you go to a regular ball to play ***
 ffff. **Bad shots are worse with limited flight balls –**
 gggg. **They are OK, but not as satisfying as regular range balls ***
 hhhh. **They are fine to warm up. Only go about 65% of normal distance ***
 iiii. **Not bad ***
 jjjj. **Will take time to like using them –**
 kkkk. **Great, except hard to see them land because of their color +**

- i. Neutral comments: 22
- ii. Favorable comments: 34
- iii. Unfavorable comments: 33

2. Based on how your answer to question 1, will limited flight range balls be adequate to achieve what you are looking for during your practice range sessions?
 - a. Total number of individuals who responded: 86 out of 95 responses
 - b. Number of individuals who responded, "yes": 52
 - c. Number of individuals who responded, "no": 34

3. On a scale of 1 to 10, (1 being least favorable and 10 being most favorable), how do you rate the limited flight range balls?

*Total number of individuals who rated the limited flight range balls: 95 out of 95 responses

1 – = 6	6 points
2 – = 7	14 points
3 – = 3	9 points
4 – = 4	16 points
5 – = 23	115 points
6 – = 16	96 points
7 – = 14	98 points
8 – = 9	72 points
9 – = 5	45 points
10 – = 8	80 points

Average rating of those reporting: 5.3

4. Are you able to hit a **regular range ball** over or to the safety net with any club?

a. Total number of individuals who responded: 81 out of 95 responses

i. Total number of individuals who responded “yes”: 21

ii. Total number of individuals who responded “no”: 60

5. Are you able to hit a **limited flight range ball** over or to the safety net with any club?

a. Total number of individuals who responded: 81 out of 95 responses

i. Total number of individuals who responded “yes”: 0

ii. Total number of individuals who responded “no”: 81

6. In lieu of placing high netting or expanding the practice range, another option is to use limited flight range balls to mitigate safety issues on the practice range. This option would allow funds to be utilized for other course improvements such as rehabilitation of tee boxes, sand traps and greens, as well as additional tee boxes installed. Would you be satisfied with the option of using limited flight range balls as a long-term solution for practice range operations?

a. Total number of individuals who responded: 69 out of 95 responses

i. Number of those who responded “yes”: 46 *

ii. Number of those who responded “no”: 23

7. Would you prefer a warm-up driving range, or a full practice facility?

a. Total number of individuals who responded: 87 out of 95 responses

i. Number of those who responded “warm-up range”: 40

ii. Number of those who responded “full practice facility”: 37

iii. Number of those who stated they didn’t understand the difference: 10

*6a. Number of the “46 yes responses” that included a comment that they would be satisfied with limited flight range balls as a long-term solution, if that is the only option that applies more funds to golf course improvements: 19

From: [Dave Tanner](#)
To: [Strain, Harold](#)
Subject: [EXTERNAL]Re: Opinion
Date: Tuesday, November 30, 2021 11:14:21 AM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Harold,

As I am sure you understand, every golf facility membership is different. My experience has been that if golfers discover that the facility is using a limited flight ball, they complain. A number of limited flight balls have a different feel to golfers.

The Srixon 1PCS ball has a good feel but just doesn't travel quite as far. Most clubs can get away with this ball on the range. The Pointfive ball has a much more severe change in it's feel, it's sound and certainly it's distance. It's hard to imagine your clients would enjoy this experience. Usually they use the range for training, honing their game or warm up.

Warm up is the only area where this ball might be considered tolerable but not good for training and finding the distance.

Modern day ranges have really grown in popularity. Some people have time to hit a bucket or two of balls but don't always have time for a round of golf on the course. It is not uncommon that ranges on a golf course are more profitable than the golf course itself. That is if the range is enjoyable. (not expensive) A good, inviting experience. That is where I find the use of a golf ball that varies so much from a real golf ball might fail. It will not compare to a regular golf ball.

The Pointfive ball was designed to make a par 3 course play like a full size course because of the number of strokes it takes to complete a round. It was not originally created to be a range ball. I am not sure that this ball will hold up to the play demanded by a driving range versus a round of golf on a short course. It has its place in the industry but I am not sure that it will meet the demands of a driving range.

Best Regards,
Dave Tanner

-----Original Message-----

From: Strain, Harold <harold.strain@lacnm.us>
To: Dave Tanner <tannerconsulting@aol.com>
Cc: Martinez, Eric <eric.martinez@lacnm.us>
Sent: Tue, Nov 30, 2021 9:12 am
Subject: Opinion

Good morning Dave, thank you for providing us the ball flight study for the point 5 ball. We were also interested in eliciting your professional opinion on the ball and it's placed on a full size golf course driving range or shortened range. Is this something you think you can do? Please let us know thank you very much.

Attachment C

Strain, Harold

From: Eric Reisner <ericreisner@yahoo.com>
Sent: Friday, October 15, 2021 7:46 AM
To: Strain, Harold
Subject: [EXTERNAL]Re: Range ball

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Anthony,

We use the Pointfive ball because it's restricted in distance and it floats. Our range is limited in distance and over water hence the reason for a floater.

I've been dealing with these types of balls for more than 15 years and feel that this is the best product out there. As I tell my customers, "our range is more of a warm up tool and not the place to hone in your skills". It works and gives me the opportunity to include range within our tournaments.

Feel free to call should you have any additional questions and good luck!

Eric Reisner
Shamrock Hills

Strain, Harold

From: Duane Peterson <pointfive@cinci.rr.com>
Sent: Wednesday, December 1, 2021 2:47 PM
To: Strain, Harold
Subject: [EXTERNAL]Re: New Form Entry: Contact Form

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Anthony,

Pointfive Hybri-Flyte range ball advantages:

- Reduce damage & safety issues
- Reduce/eliminate need for expensive netting systems
- Promotes Quick/EZ practice & shorter learning curve
- Reduces expensive land usage
- Reduces range ball pick-up time
- Reduces over-all range maintenance
- Durable ball, long lasting
- Compact 60% distance
- Conforms to new energy saving issues

Hope this helps,

Duane Peterson
Pointfive Golf Company, LLC, NA
Cell: 513-405-1444

Attachment C