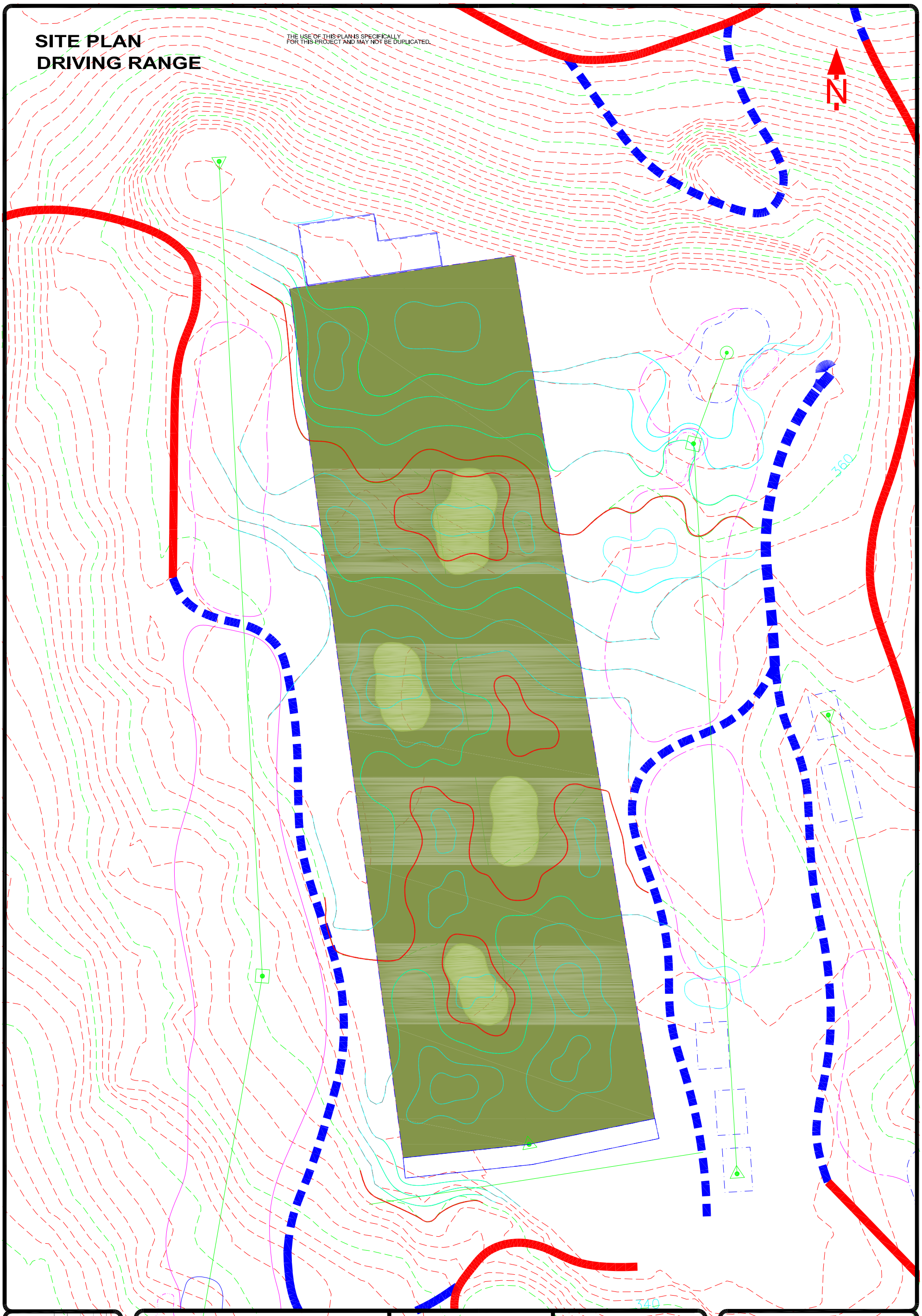
SITE PLAN
DRIVING RANGE

THE USE OF THIS PLAN IS SPECIFICALLY
FOR THIS PROJECT AND MAY NOT BE DUPLICATED.



DRAWN	DT
CHECKED	
DATE	October 24th, 2010
SCALE	1" = 40'
JOB No.	
SHEET NAME	N-1

JACKSON PARK GOLF COURSE
Driving Range

SEATTLE, WASHINGTON

SITE PLAN
DRIVING RANGE

TANNER CONSULTING GROUP
603 Stanford Court Valley Springs, CA 95252
Ph (209)772-2233 Fax (209)772-2230
e-mail: tannerconsulting@aol.com web page:www.tannerconsulting.com

BALL TRAJECTORY STUDY
DRIVING RANGE

The ball trajectories shown are those of a ball hit straight and proper. There is no guarantee that a golfer will aim in the correct direction, or strike the ball correctly. Wind conditions can also greatly effect the flight of a golf ball.

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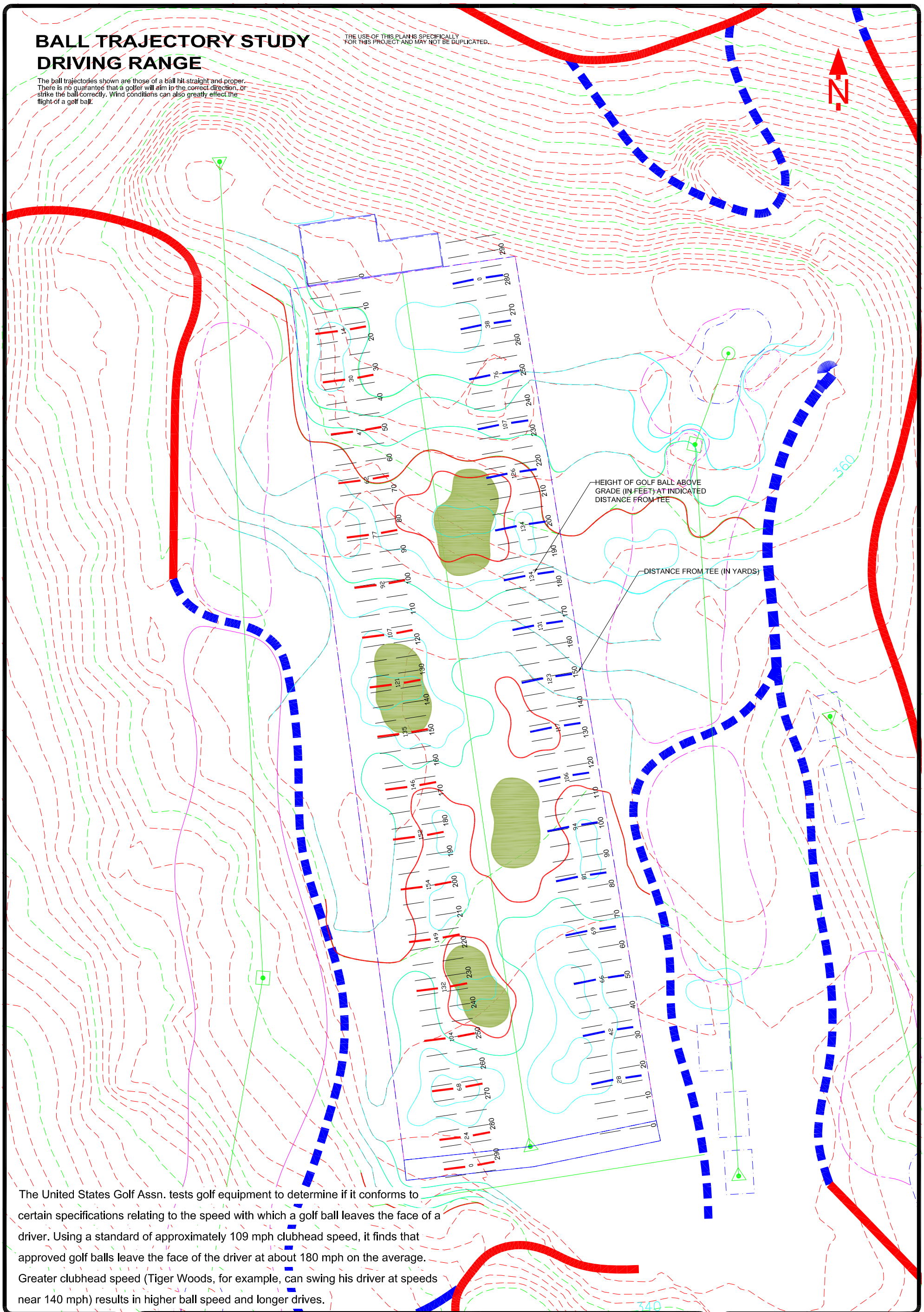

The United States Golf Assn. tests golf equipment to determine if it conforms to certain specifications relating to the speed with which a golf ball leaves the face of a driver. Using a standard of approximately 109 mph clubhead speed, it finds that approved golf balls leave the face of the driver at about 180 mph on the average. Greater clubhead speed (Tiger Woods, for example, can swing his driver at speeds near 140 mph) results in higher ball speed and longer drives.

N-2

SHEET NAME

JOB No.

SCALE 1" = 40'

DATE October 24th, 2010

CHECKED

DRAWN DT

JACKSON PARK GOLF COURSE
Driving Range

SEATTLE, WASHINGTON

BALL TRAJECTORY STUDY
DRIVING RANGE

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NETTING PLANS
DRIVING RANGE

The ball trajectories shown are those of a ball hit straight and proper. There is no guarantee that a golfer will aim in the correct direction, or strike the ball correctly. Wind conditions can also greatly effect the flight of a golf ball.

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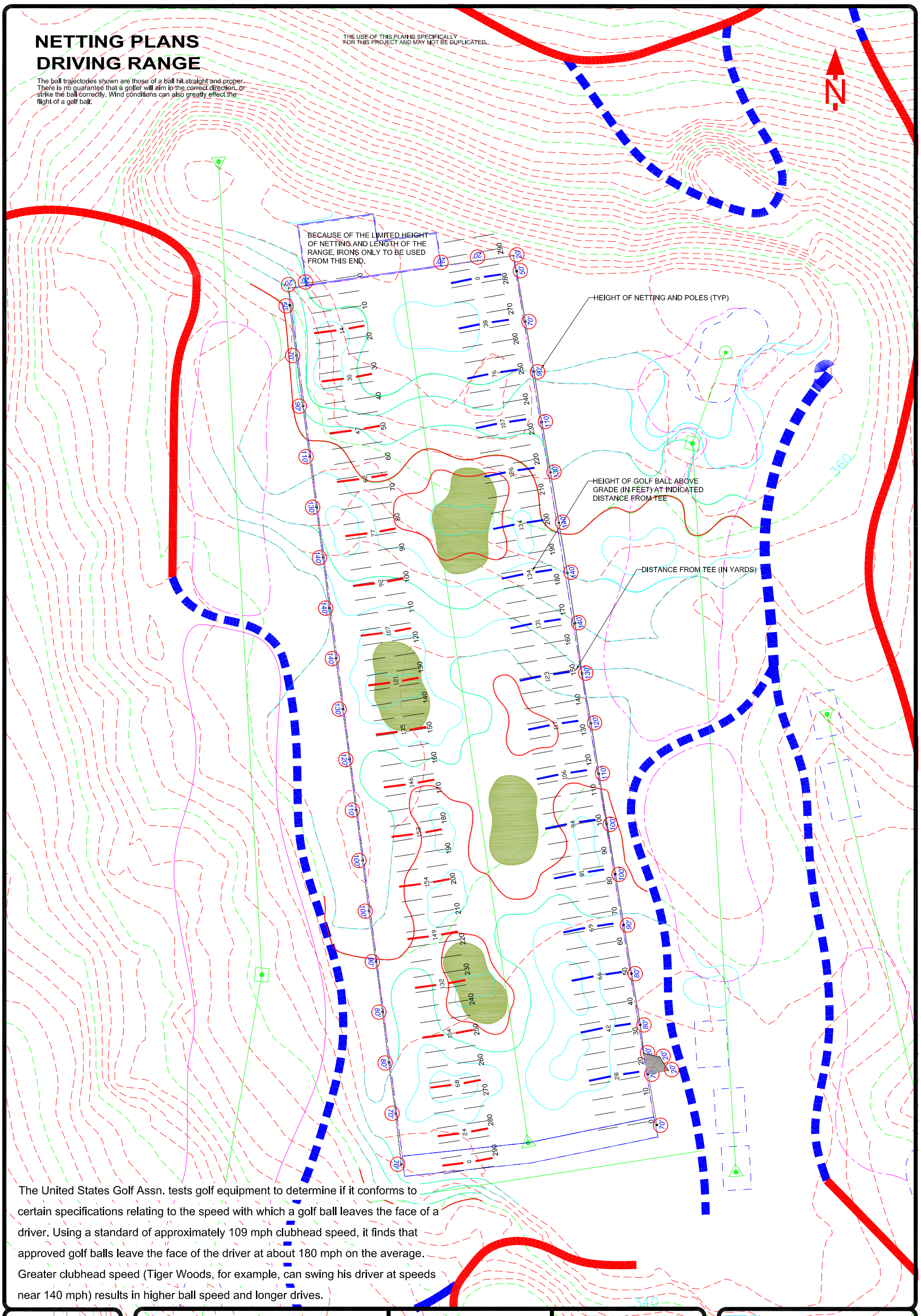

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SHEET NAME N-3	JACKSON PARK GOLF COURSE Driving Range SEATTLE, WASHINGTON		NETTING PLANS DRIVING RANGE
JOB No.			
SCALE 1" = 40'			
DATE October 24th, 2010			
CHECKED			
DRAWN DJT			

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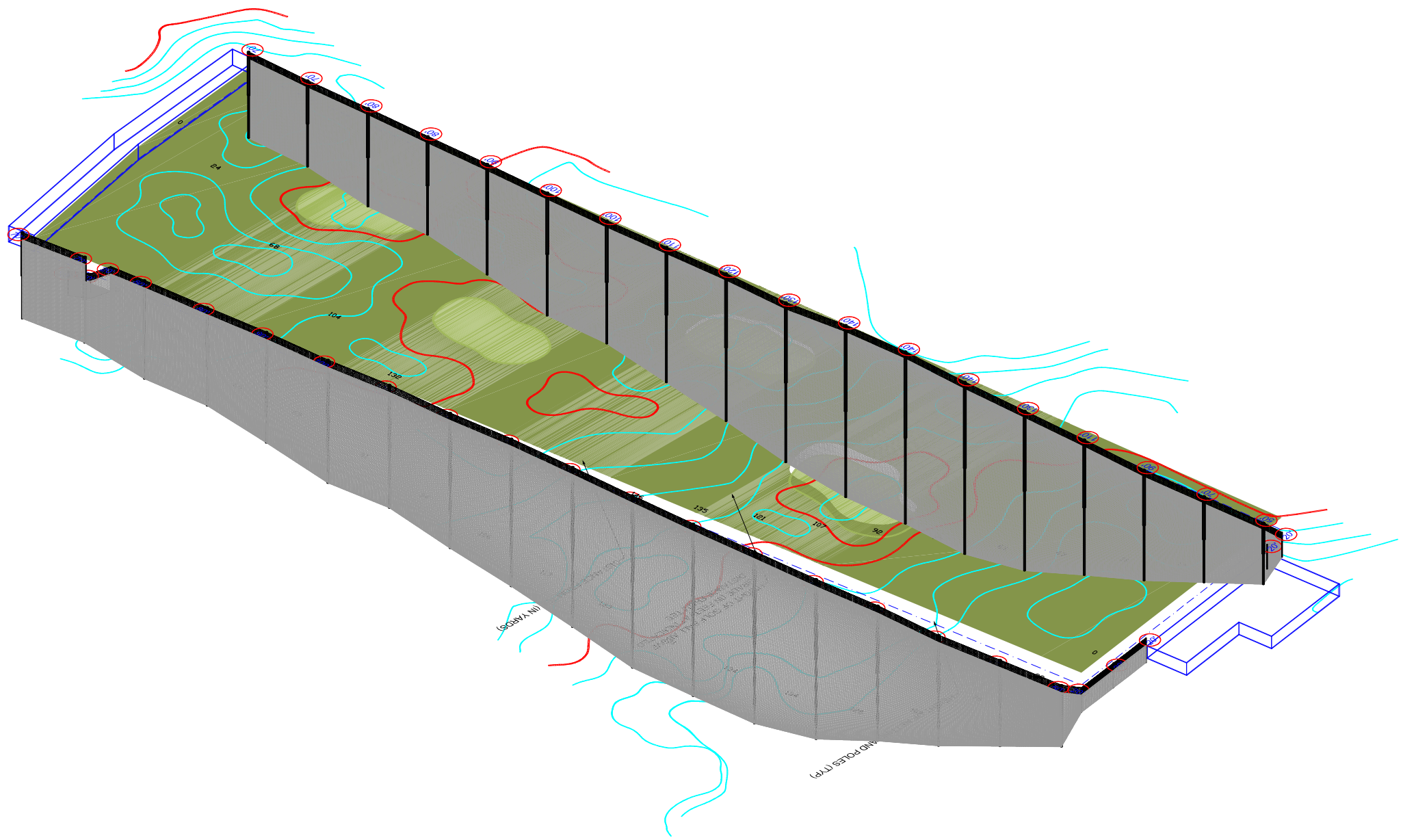
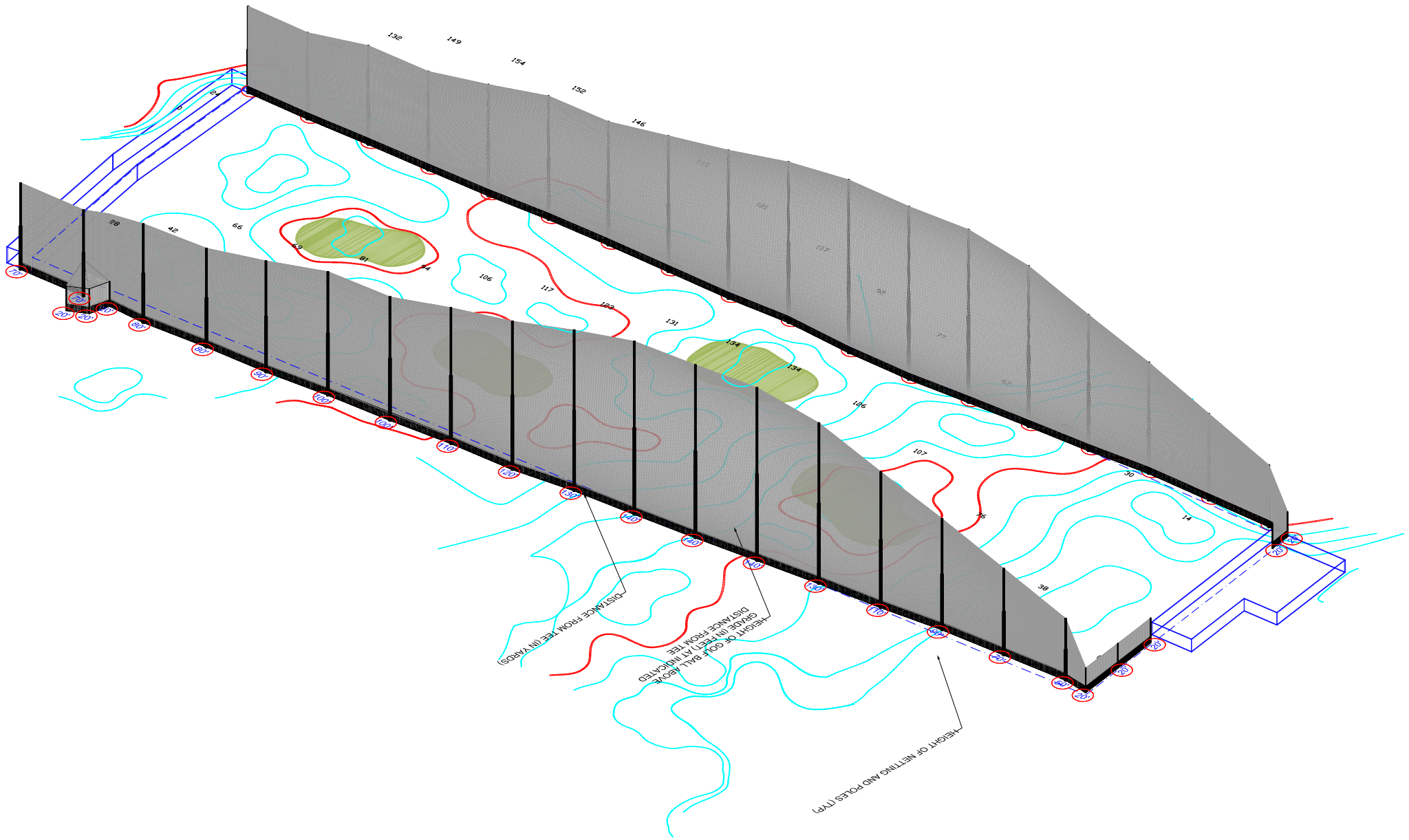


N-4


HEIGHT OF NETTING AND POLES (TYP)
HEIGHT OF GOLF BALL ABOVE
GROUND IN FEET (AT INDICATED
DISTANCE FROM TEE
DISTANCE FROM TEE (IN YARDS)

NETTING DETAILS
DRIVING RANGE

THE USE OF THIS PLAN IS SPECIFICALLY
FOR THIS PROJECT AND MAY NOT BE DUPLICATED.

Netting Redden #970 Golf Range Netting:
1. Redden #970 polyester Netting 1" mesh size .
2. U.V. treated yarn
3. Resin dye and bonding treatment
4. Weight factor 25.0 square feet = 1 lb.
6. 173.9 lb. minimum single mesh break strength *

Attachment Twine / Hanging Twine:
1. #48 braided polyester twine
2. 375 lb. minimum tensile strength
3. Dye treated

Perimeter Border Ropes & Rib lines:
1. Braided synthetic cover
2. Parallel synthetic core
3. 3,500 lb. minimum tensile strength
4. 2,455 wet abrasion cycles

Attachment of Finished Net Panels to Cables:
1. $\frac{9}{32}$" Cadmium plated steel attachment snap 1,140 lb. or 560 lb. break strength.
2. Attachment points shall not exceed 3 feet on center.

Warranty:
Minimum Six year non pro-rated limited warranty **

* Mesh strength based upon most recent independent lab testing reports. Report copies are available upon request. Testing conducted oer ISO 1806 methodology.

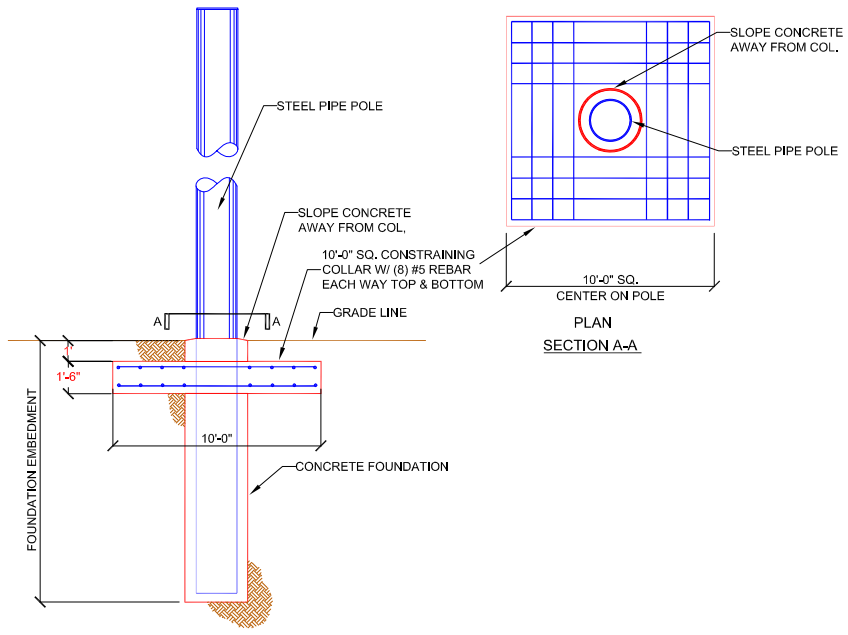
** Some exclusions and limitations may apply. Warranty documents shall be submitted with proposal.

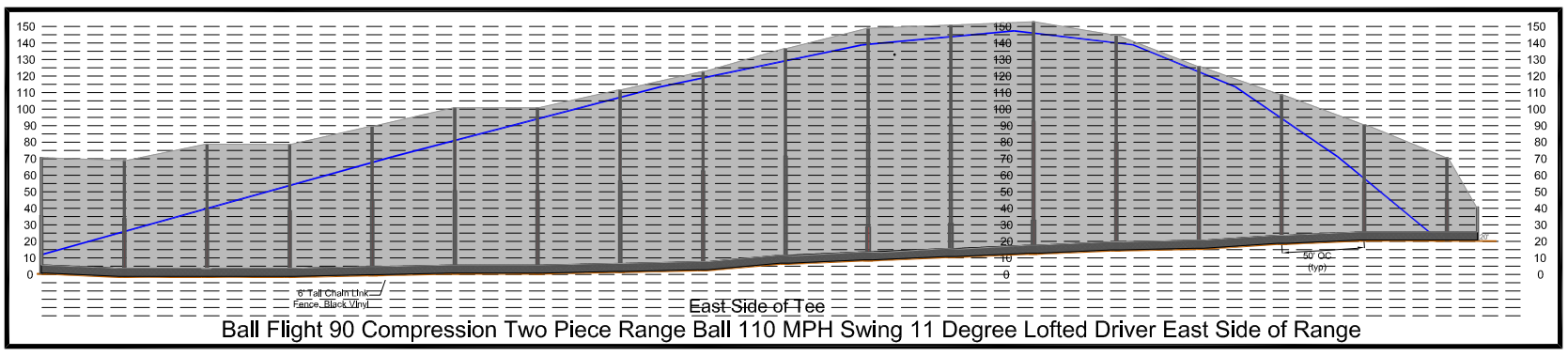
Netting Poles:
1. Pole diameters for the 140' tall poles to be 30" from base to 30' of the pole height above grade. The diameter to reduce to 24" to 108' of the height above grade and then 16" Diameter to 140' AGL. All poles to remain constant in diameter from base through embedment bellow grade. Each section to be constant in diameter. (see details)
2. Poles to be as specified and approved by structural engineer. Structural engineer to design footings / embedment.
3. Poles are to be coated with STRYK 5388 corrosion retardant coating. Coating to be applied in accordance to the manufacturers recommendations. Coating to be "Black" in color.
4. Poles to be a minimum of 65ksi Yield.
5. Poles to be new (not used) and manufacturer to provide mill certification for all poles supplied for this project.

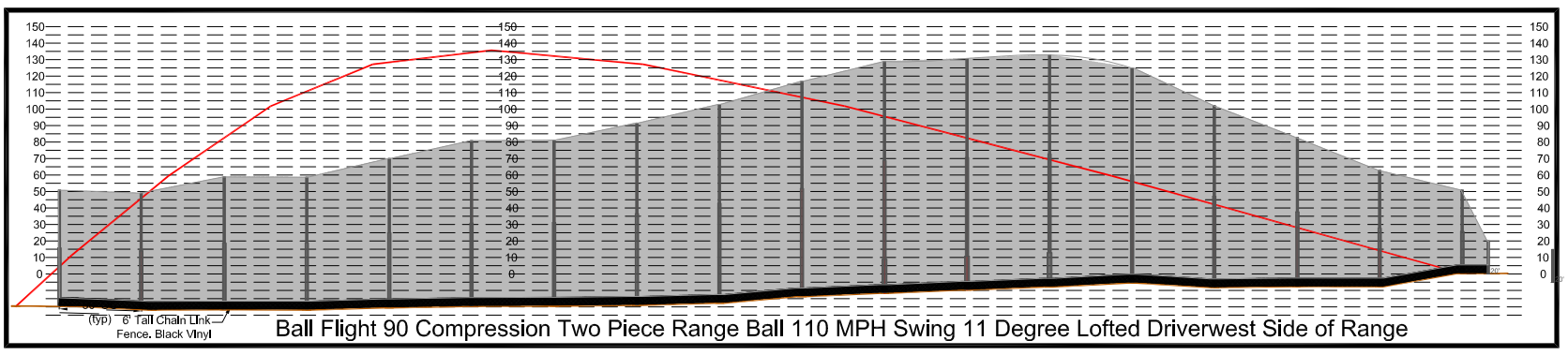
Attachment Cables and Hardware:
1. Cable to be 3/8" extra high strength galvanized stranded.
2. Attachment bolts and hardware to be a minimum of 3/4" and shall be galvanized.

NOTE:
All materials for this project must be new. (not used) Any items substituted must be approved by the Consultant prior to bid. There will be no exceptions.
Failure to submit substitutions for this project prior to bid will disqualify bid and contractor.

POLE FOUNDATION EMBETMENT



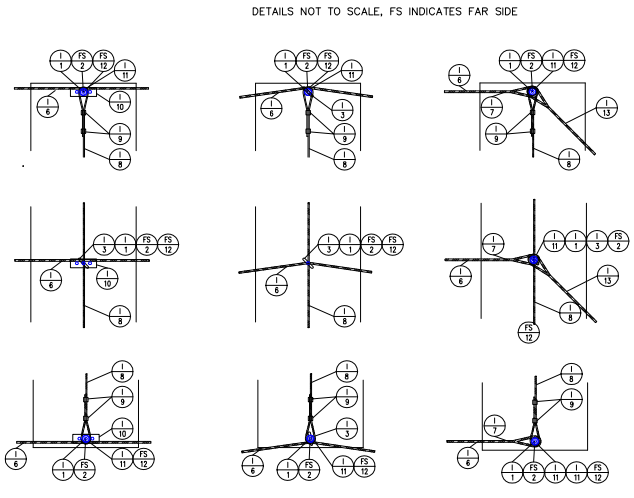




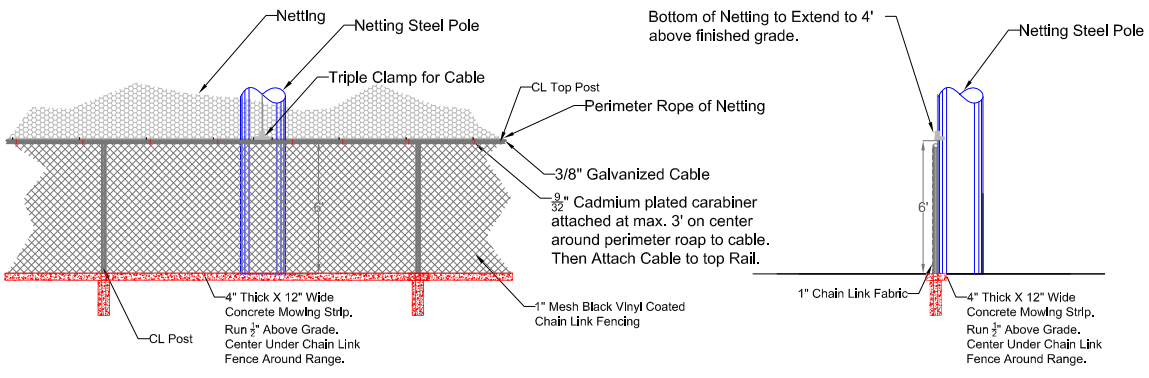
NETTING CABLE CONNECTION DETAILS

ITEM NO.:	DESCRIPTION (EQUAL OR EXCEED)		
1	~5" GALV. D.A. BOLT w/ NUT	8	~2" GALV. UTILITY GRADE GUY WIRE
2	~p3x~2x0'-3" GALV. CURVE WASHER	9	~2" GALV. PRE-FORMED GUY GRIP
3	~5" GALV. THIMBLEYE NUT	10	6" THREE-BOLT GALV. GUY CLAMP
4	~5" POLE-TOP-DOWN GUY ATTACHMENT	11	GALV. DOWN GUY ATTACHMENT.
5	~5" ONE-HOLE GUY CLAMP	12	~5" GALV. SPRING WASHER
6	'#" GALV. UTILITY GRADE GUY WIRE	13	'#" GALV. END GUY
7	'#" GALV. PRE-FORMED GUY GRIP		

DETAILS NOT TO SCALE, FS INDICATES FAR SIDE



CHAIN LINK FENCE DETAILS



NOTE:
ALL NETTING FABRIC FENCING TO BE INSTALLED TO THE INSIDE OF THE GOLF FACILITY.

N-6	SHEET NAME	JOB No.	
		SCALE	N/A
		DATE	October 24th, 2010
		CHECKED	
		DRAWN	DT

JACKSON PARK GOLF COURSE
Driving Range

SEATTLE, WASHINGTON

NETTING DETAILS
DRIVING RANGE

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