

Tech Contractors
ENGINEERING GROUP

Brad Walters
Inspection Supervisor
El Paso County Development Services
2880 International Circle, Suite 110
Colorado Springs CO, 80910

RE: Substantial Compliance
Water Quality Facility
Rolling Hills Ranch North Filing 1 Construction Drawings
Approved September, 3 2024

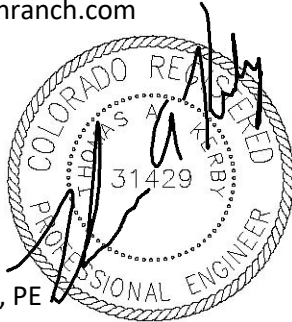
October 8, 2026

Dear Mr. Walters,

Tech Contractors has visually inspected the El Paso County improvements for Rolling Hills Ranch North Filing 1 and based upon our observations, the site and adjacent properties (as affected by work performed under the County permit) are stable with respect to settlement and subsidence, sloughing of cut and fill slopes, and that the improvements (public improvements, common development improvements, site grading and paving) meet or exceed the minimum design requirements. The RPA area meets or exceeds the design requirements in regard to dimensions, vegetative cover, and slope. The PCMs provide the required dimensions and meet the required release rates and stage areas as documented by the attached calculation sheets.

Should you have any questions or concerns please feel free to contact me at 719-495-7444 or by email at tom@meridianranch.com

Sincerely



Thomas A. Kerby, PE
Tech Contractors
11910 Tourmaline Drive, Suite 130
Falcon, Colorado 80831

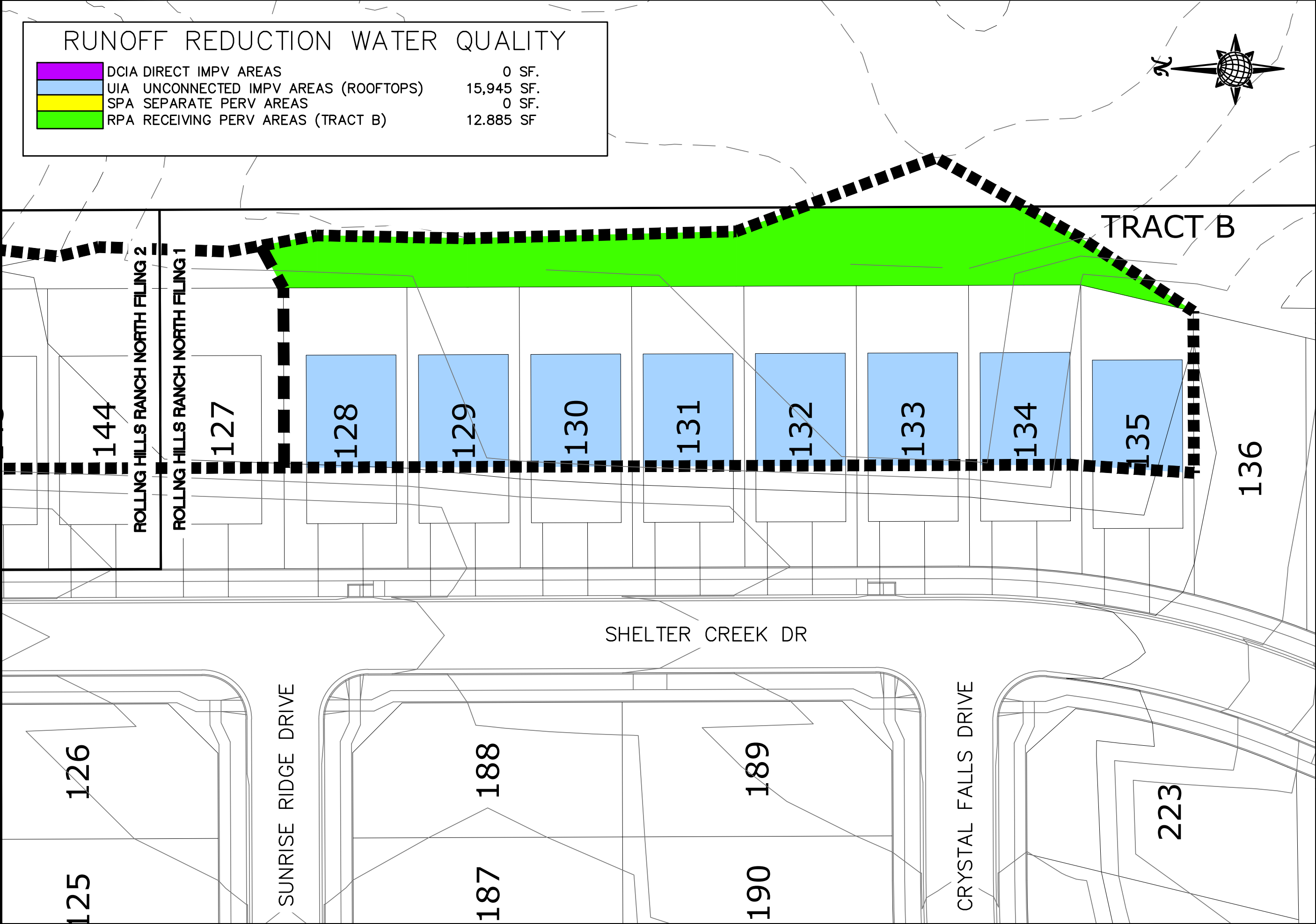
cc
Raul Guzman (GTL Development)
Bret Haycock (Tech Contractors)

Telephone No.: 719.495.7444

11910 Tourmaline Dr., #130
Falcon CO. 80831

Billing Address
P. O. Box 80036
San Diego, CA 92138

S:\OneDrive\Civil\Proj\Rolling Hills Ranch North Filing 1\DWG\EXHIBIT\RAINAGE EXHIBITS\FDR\RAINAGE - REGIONAL WATER QUALITY RHRN1.dwg, 7/11/2024 2:00:06 PM



Scale 1"=40'		Drawn by TAK	Tech Contractors 11910 TOURMALINE, #130 FALCON, CO 80831 TELEPHONE 719.495.7444	
Sheet Number 1		Checked by -	RUNOFF REDUCTION CATCHMENT AREA A ROLLING HILLS RANCH NORTH PUD	
		Date JAN 2024		

Design Procedure Form: Runoff Reduction

UD-BMP (Version 3.07, March 2018)

Sheet 1 of 1

Designer: Thomas A Kerby, PE
 Company: Tech Contractors
 Date: July 11, 2024
 Project: Rolling Hills Ranch North
 Location: Falcon, CO

SITE INFORMATION (User Input in Blue Cells)

WQCV Rainfall Depth 0.60 inches
 Depth of Average Runoff Producing Storm, d_6 = 0.43 inches (for Watersheds Outside of the Denver Region, Figure 3-1 in USDCM Vol. 3)

Area Type	UIA:RPA												
Area ID	B												
Downstream Design Point ID	B												
Downstream BMP Type	None												
DCIA (ft ²)	--												
UIA (ft ²)	12,000												
RPA (ft ²)	7,275												
SPA (ft ²)	--												
HSG A (%)	0%												
HSG B (%)	100%												
HSG C/D (%)	0%												
Average Slope of RPA (ft/ft)	0.020												
UIA:RPA Interface Width (ft)	65.00												

CALCULATED RUNOFF RESULTS

Area ID	B												
UIA:RPA Area (ft ²)	19,275												
L / W Ratio	4.56												
UIA / Area	0.6226												
Runoff (in)	0.00												
Runoff (ft ³)	0												
Runoff Reduction (ft ³)	500												

CALCULATED WQCV RESULTS

Area ID	B												
WQCV (ft ³)	500												
WQCV Reduction (ft ³)	500												
WQCV Reduction (%)	100%												
Untreated WQCV (ft ³)	0												

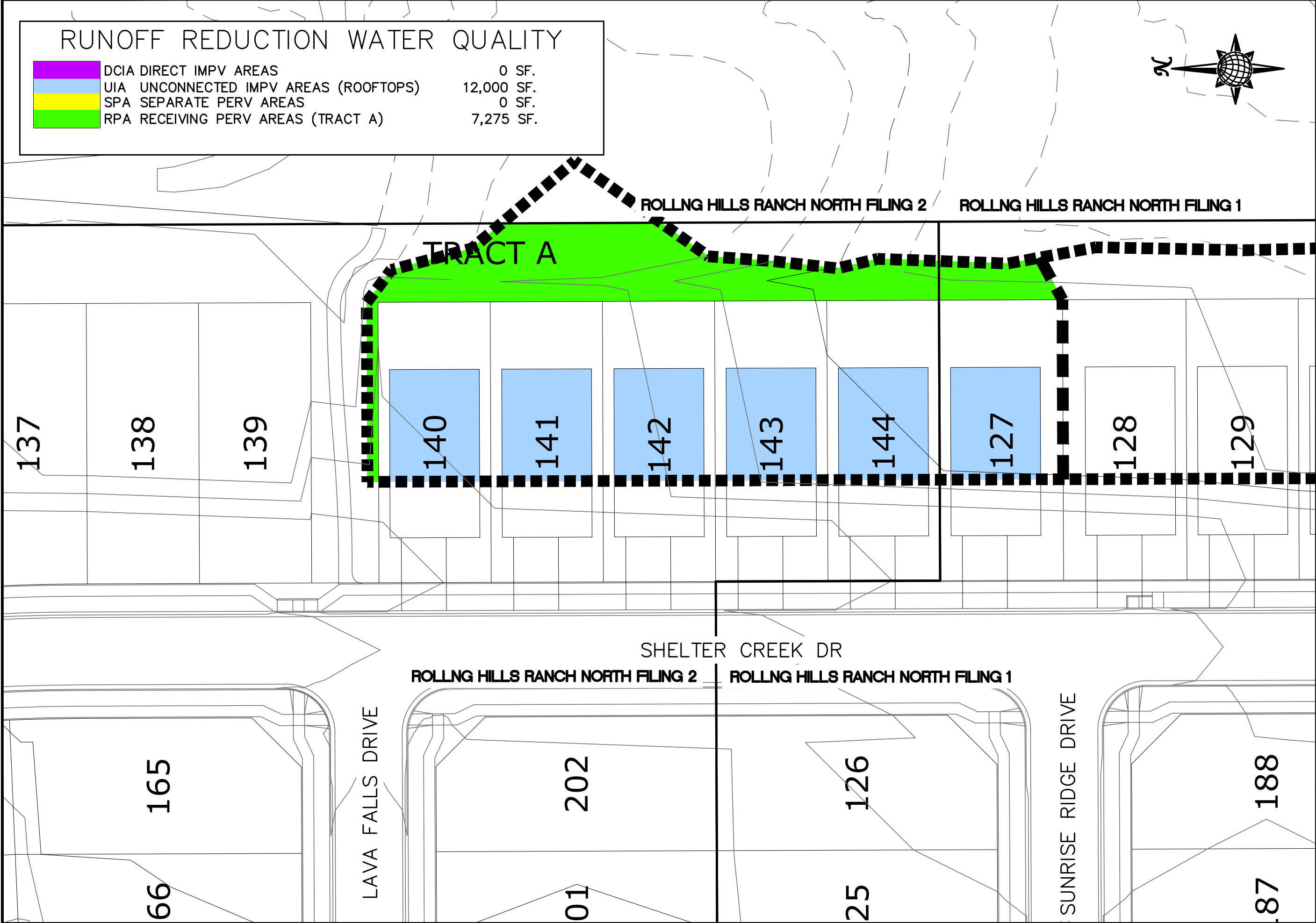
CALCULATED DESIGN POINT RESULTS (sums results from all columns with the same Downstream Design Point ID)

Downstream Design Point ID	B												
DCIA (ft ²)	0												
UIA (ft ²)	12,000												
RPA (ft ²)	7,275												
SPA (ft ²)	0												
Total Area (ft ²)	19,275												
Total Impervious Area (ft ²)	12,000												
WQCV (ft ³)	500												
WQCV Reduction (ft ³)	500												
WQCV Reduction (%)	100%												
Untreated WQCV (ft ³)	0												

CALCULATED SITE RESULTS (sums results from all columns in worksheet)

Total Area (ft ²)	19,275
Total Impervious Area (ft ²)	12,000
WQCV (ft ³)	500
WQCV Reduction (ft ³)	500
WQCV Reduction (%)	100%
Untreated WQCV (ft ³)	0

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TECH CONTRACTORS 11910 TOURMALINE, #130 FALCON, CO 80831 TELEPHONE 719.495.7444	
RUNOFF REDUCTION CATCHMENT AREA B ROLLING HILLS RANCH NORTH PUD	
Scale 1"=40'	Drawn by TAK
Sheet Number 2	Checked by -
Date JAN 2024	