

# Herback General Engineering

RFI# 003

2531 Nowlin Road  
Minden, NV 89423  
Phone: (775) 267-6800

To: Courtney Walker      From: Peter Griffin  
Company: Douglas County      Date: 5/1/2023  
Fax:      Project No: 653  
Phone: 775-782-6215      Johnson Lane Drainage Basins

**RFI Title:** Catch Basin Outlet Elevations

**Specification Sections:**

**Drawing Reference Number:** Page D3 Detail 4

Information Requested:

In an effort to avoid errors in construction of pond outlet catch basins, a rim elevation, invert out elevation and sump elevation is requested for each catch basin.

Reply:

See below table for each basin outlet structure that shows elevations and distances for all of the parameters of the structure.

Item	Romero	Stephanie	Chowbuck	Skyline
Flowline/Finish Grade (Feet)	79	72.29	106	93.5
Invert Elevation (Feet)	79	72.29	106	93.5
A (Feet)	3.8	7	4.8	4
B (Feet)	3	3	3	3
C (Feet)	2	2	2	2
D (Feet)	1	1	1	1
F (Inches)	18	24	18	18
Rim Elevation (Feet)	82.8	79.29	110.8	97.5
Sump Elevation (Feet)	77.5	70.79	104.5	92
Pipe Size (Feet)	1.5	2	1.5	1.5
Crown of pipe to Rim (Feet)	2.3	5	3.3	2.5
B Orofice Elevation (Feet)	82	75.29	109	96.5
C Orofice Elevation (Feet)	81	74.29	108	95.5
D Orofice Elevation (Feet)	80	73.29	107	94.5