

From: [Avalos, Tona](#)
To: [Koutoufidis, Nicholas](#)
Subject: FW: JVR Energy Park (PDS2018-MUP-18-022)
Date: Tuesday, March 23, 2021 2:15:47 PM
Attachments: [image001.png](#)

From: Cruickshank, Tatsiana <Tatsiana.Cruickshank@kimley-horn.com>
Sent: Tuesday, March 23, 2021 9:47 AM
To: Avalos, Tona <Tona.Avalos@sdcounty.ca.gov>
Cc: Chenoweth, William <william.chenoweth@kimley-horn.com>
Subject: JVR Energy Park (PDS2018-MUP-18-022)

Hey Tona,

As discussed, you previously confirmed that the San Diego Fire Authority would allow D.G. or Class II Base for the onsite access roads. I wanted to confirm if Class III would be allowed as well.

Here is the aggregate gradation for Class 2 vs Class 3 based on [Caltrans specs](#):

26-1.02B Class 2 Aggregate Base

Aggregate gradation must be within the percentage passing limits for the sieve sizes shown in the following table:

Aggregate Gradation

Sieve size	Percentage passing			
	1-1/2 inch maximum		3/4 inch maximum	
	Operating range	Contract compliance	Operating range	Contract compliance
2"	100	100	--	--
1-1/2"	90-100	87-100	--	--
1"	--	--	100	100
3/4"	50-85	45-90	90-100	87-100
No. 4	25-45	20-50	35-60	30-65
No. 30	10-25	6-29	10-30	5-35
No. 200	2-9	0-12	2-9	0-12

The aggregate quality characteristics must comply with the requirements shown in the following table:

SECTION 26**AGGREGATE BASES****Aggregate Quality Characteristics**

Quality characteristic	Requirement	
	Operating range	Contract compliance
Resistance (R-value, min)	--	78
Sand equivalent (min)	25	22
Durability index (min)	--	35

26-1.02C Class 3 Aggregate Base

Aggregate gradation must be within the percentage passing limits for the sieve sizes shown in the following table:

Aggregate Gradation

Sieve size	Percentage passing			
	1-1/2 inch maximum		3/4 inch maximum	
	Operating range	Contract compliance	Operating range	Contract compliance
2"	100	100	--	--
1-1/2"	90-100	87-100	--	--
1"	--	--	100	100
3/4"	50-90	45-95	90-100	87-100
No. 4	25-60	20-65	40-70	35-75
No. 30	10-35	6-39	12-40	7-45
No. 200	3-15	0-19	3-15	0-19

The aggregate quality characteristics must comply with the requirements shown in the following table:

Aggregate Quality Characteristic

Quality characteristic	Requirement	
	Operating range	Contract compliance
Resistance (R-value) (min)	--	50
Sand equivalent (min)	21	18

Best Regards,
Tanya

Tatsiana Cruickshank

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