

new

BUSSEN QUARRIES, INC.

AGGREGATE GRADATION REPORT

Report By: S. PFAFF
Company: BUSSEN QUARRY

---QCQA MATERIAL---

Inspector No.: 980000000	Name: S. PFAFF	Date Sampled: 050516	Seq No: BQBFS	32
Mix Plant No.:	Name:		Contract No:	Job No:
Responsible Loc: 98	Lab: BQ	Lab Name: BUSSEN QUARRY	Source Name: BUSSEN QUARRY	

SOURCE	MATL CODE	TYPE INSP	ORIGINAL ID	SPEC	ART	SAMPLED FROM	WASH/ DRY	BACKFILL SCREENINGS
52300-07	BFS, 3/16D	QC				STOCKPILE	WASH/	"3/16" MINUS, CRUSHED LIMESTONE FINE SCREENINGS

SIEVE	1.75 (45) 3/8 (9.5)	1.5 (37.5) 4 (4.75)	1 (25) 8 (2.36)	3/4 (19) 10 (2.00)	5/8 (15.9) 16 (1.18)	1/2 (12.5)	3/8 (9.5) 40 (.425)	4 (4.75) 50 (.3)	8 (2.36)	16 (1.18) 80 (.18)	30 (.6)	50 (.3) 100 (.15)	100 (.15)	200 (.075) 200 (.075)
% PASSING	100	99	85		61			34				26		21.0

WASH 200	PI/RATIO	RESULTS	REMARKS	TRUCK STOCKPILE PLANT #1 IN PIT	TYPICAL	FOR ENGINEERED FILL
20.3			LEDGE	VARIOUS MODOT APPROVED LEDGES 22-32, LOWER 150'		

SIEVE ENGLISH	SIEVE METRIC	Indiv. Wt Retained	Accum. Weight	Accum. Passing	Pct Passing	Job 0	Job Mix	TARGET	Rounded Passing
3	75		0.0						
2.5	63		0.0						
2	50		0.0						
1.75	45		0.0						
1.5	37.5	0.0	0.0						
1	25	0.0	0.0						
3/4	19	0.0	0.0						
5/8	15.9	0.0	0.0						
1/2	12.5	0.0	0.0						
3/8	9.5	0.0	0.0	0.0	100.0				100
1/4	6.3	1.0	1.0	0.1	99.9				100
#4	4.75	6.0	7.0	0.5	99.5				99
#8	2.36	199.0	206.0	15.2	84.8				85
#10	2.00	0.0	206.0						
#16	1.18	328.0	534.0	39.4	60.6				61
#20	0.85		534.0						
#30	0.6	211.0	745.0	55.0	45.0				45
#50	.3	150.0	895.0	66.1	33.9				34
#80	.18		895.0						
#100	.15	105.0	1000.0	73.9	26.1				26
#200	.075	69.0	1069.0	79.0	21.0				21.0
PAN		10.0	1079.0						
Total Dry Wt.		1354.0							SAMP. WT.
Total Wash Wt.		1079.0		Wash %	PI/RATIO				
Diff (.075)		275.0		20.3					

Validity Check OK

Tested By:

Signature: 
BUSSEN QUARRY

Agency:

Copies to:

C. BUSSEN
CUSTOMER
FILE

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

PROJECT NAME	
ADDRESS	
NUMBER	
OWNER	
ARCHITECT / ENGINEER	
SUBMITTED BY	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
CRITICALITY	

To be completed by Reviewer

CANNON DESIGN SUBMITTAL NUMBER
RECEIVED DATE

- ☐ **A. No Exceptions Taken**
No further review of submittal is required.
- ☐ **B. Make Corrections Noted**
Incorporate corrections in work;
resubmission is not required.
- ☐ **C. Revise and Resubmit**
Revise as noted, and resubmit for review.
- ☐ **D. Rejected**
Submittal is not in compliance with Contract Documents;
provide new submittal.
- ☐ **E. For Record / Information Only**
Submittal was reviewed for Record / Information
purposes only.
- ☐ **F. Not Required for Review**
Submittal is not required by Contract Documents
and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

ITEM BEING SUBMITTED (check only one)

- ☐ Shop Drawings ☐ Certification / Qualifications ☐ Coordination Drawing
☐ Samples ☐ Record Documents ☐ Calculations
 (_____ copies) ☐ Product Data ☐ Schedules
☐ LEED Submittal ☐ O&M Manuals
☐ Other

ITEM BEING SUBMITTED FOR (check only one)

- ☐ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)



PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

Ry:

By:
Devin D. Gates

REVIEWED BY	DATE

A/E COMMENTS

- ☐
- See attached sheet(s) for additional comments

REVIEWED BY	DATE



77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0207

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 09/01/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Limestone Fine Screenings for Backfill of
Foundation Walls

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:		SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings		☒ Approval	☐ Approved as Submitted
☐ Letter		☐ Your Use	☐ Approved as Noted
☐ Prints		☐ As Requested	☐ Returned After Loan
☐ Change Order		☐ Review and Comment	☐ Resubmit
☐ Plans			☐ Submit
☐ Samples		SENT VIA:	☐ Returned
☐ Specifications		☐ Attached	☐ Returned for Corrections
☒ Other: Product Data		☐ Separate Cover Via:	☐ Due Date:

Item	Package	Code	Rev.	Copies	Date	Description	Status
Submittal		312000-001	1		09/01/2016	Limestone Fine Screenings for Backfill of Foundation Walls	Submitted

NOTES:

CC:

Signed: _____
Devin Gates