CITY OF ALBUQUERQUE

September 6, 2016

Scott Eddings, PE
Huitt-Zollers Inc.
6561 Americas Parkway NE
Albuquerque, NM 87110

Re: Dave and Buster's
2100 Louisiana Blvd NE
Request Permanent C.O. - Accepted
Engineer's Stamp dated: 9-10-14 (J19D038)
Certification dated: 8-29-16

Dear Mr. Eddings,

Based on the Certification received 8/30/2016, the site is acceptable for release of Certificate of Occupancy by Hydrology.

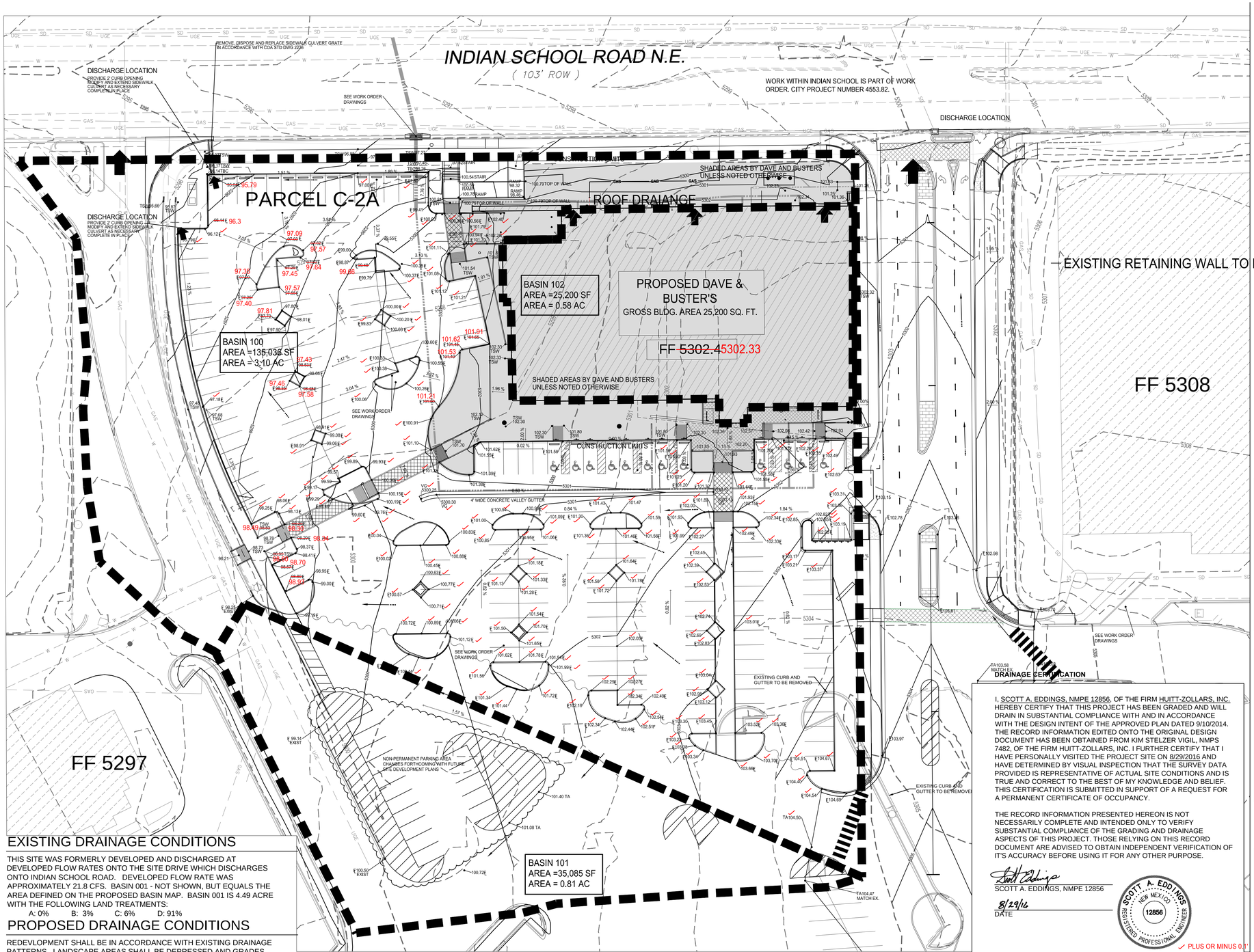
If you have any questions, you can contact me at 924-3695 or Totten Elliott at 924-3982.

Sincerely,

Rita Harmon, P.E.
Senior Engineer, Planning Dept.
Development Review Services

TE/RH
C: email, Cordova, Camille C.; Miranda, Rachel; Sandoval, Darlene M.; Blocker, Lois

PO Box 1293
Albuquerque
New Mexico 87103
www.cabq.gov



EXISTING DRAINAGE CONDITIONS

THIS SITE WAS FORMERLY DEVELOPED AND DISCHARGED AT DEVELOPED FLOW RATES ONTO THE SITE DRIVE WHICH DISCHARGES ONTO INDIAN SCHOOL ROAD. DEVELOPED FLOW RATE WAS APPROXIMATELY 21.8 CFS. BASIN 001 - NOT SHOWN, BUT EQUALS THE AREA DEFINED ON THE PROPOSED BASIN MAP. BASIN 001 IS 4.49 ACRE WITH THE FOLLOWING LAND TREATMENTS:

A: 0% B: 3% C: 6% D: 91%

PROPOSED DRAINAGE CONDITIONS

REDEVELOPMENT SHALL BE IN ACCORDANCE WITH EXISTING DRAINAGE PATTERNS. LANDSCAPE AREAS SHALL BE DEPRESSED AND GRADES SHALL BE DESIGNED TO PROVIDE POSITIVE DRAINAGE TOWARD DEPRESSED LANDSCAPE AREAS. STORM WATER DESIGN EVENT SHALL DISCHARGE ONTO INDIAN SCHOOL ROAD IN NEARLY THE SAME LOCATION AS EXISTS TODAY AT SIMILAR RATE WITH THE EXCLUSION OF THE NEW BUILDING (BASIN 102) WHERE THE ROOF DRAINS ARE CONNECTED INTO THE CITY STORM DRAIN WITHIN INDIAN SCHOOL.

SITE DEVELOPMENT WILL BE SIMILAR TO EXISTING CONDITIONS. THE TOTAL SITE AREA IS APPROXIMATELY 4.5 ACRES WITH THE FOLLOWING ESTIMATED LAND TREATMENTS:

A: 0% B: 3% C: 6% D: 91%

THE PROPOSED SITE PLAN INCREASES THE LANDSCAPE AREAS BY APPROXIMATELY 15,000 SQUARE FEET WITH THE SAME REDUCTION IN ASPHALT PAVEMENT. THE ESTIMATED LAND TREATMENTS FOR THE SITE PLAN ARE AS FOLLOWS:

A: 0% B: 11% C: 6% D: 83%

SUMMARY

BASIN ID	LAND TREATMENTS A	B	C	D	DISCHARGE (CFS)
001	0%	3%	6%	91%	21.79
100	0%	11%	6%	83%	14.44
101	0%	11%	6%	83%	3.77
102	0%	0%	0%	100%	2.91

GRADING AND DRAINAGE PLAN

A1 SCALE 1"=30' 0 15' 30' 60'

SITE SURFACE RUNOFF ONTO INDIAN SCHOOL

DEVELOPED SURFACE DISCHARGE POST CONSTRUCTION IS APPROX. 18.2 CFS

CURRENT SURFACE DISCHARGE TO INDIAN SCHOOL IS APPROX. 21.8 CFS

DRAINAGE CERTIFICATION

I, SCOTT A. EDDINGS, NMPE 12856, OF THE FIRM HUITT-ZOLLARS, INC. HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 9/10/2014. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED FROM KIM STELZER VIGIL, NMPS 7482, OF THE FIRM HUITT-ZOLLARS, INC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 8/29/2016 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR A PERMANENT CERTIFICATE OF OCCUPANCY.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF IT'S ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

SCOTT A. EDDINGS, NMPE 12856

8/29/16
DATE

SCOTT A. EDDINGS NEW MEXICO 12856 REGISTERED PROFESSIONAL ENGINEER

PLUS OR MINUS 0.1'

FLOOD ZONE

PER THE FEMA MAP NUMBER 35001 C0352G DATED SEPTEMBER 26, 2008 SHOWS THE SITE IS NOT LOCATED WITHIN A FLOOD HAZARD ZONE AREA.

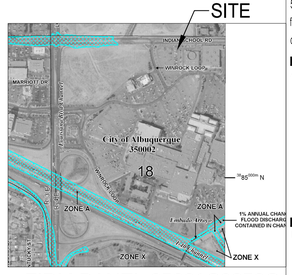
ENGINEER'S CERTIFICATION

I PERSONALLY INSPECTED THIS SITE AND NO GRADING, FILLING, OR EXCAVATION HAS OCCURRED SINCE THE PREPARATION OF THE TOPOGRAPHY SHOWN ON THIS PLAN.

SITE

ZONE ATLAS PAGE J-19-Z

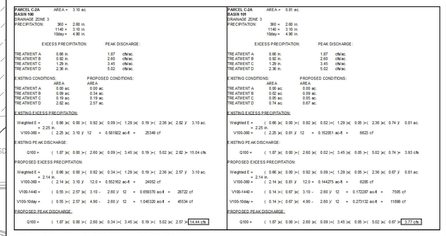
SITE



FIRM PANEL 35001C0352G

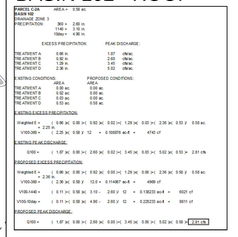
HYDROLOGY - ZONE 3

BASIN 100

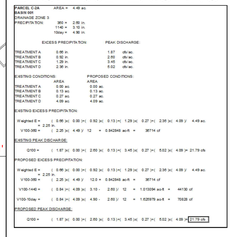


BASIN 101

BASIN 102 - ROOF



BASIN 001- EXISTING



HUITT-ZOLLARS
Huitt-Zollars, Inc. Rio Rancho
333 Rio Rancho Drive NE, Suite 101
Rio Rancho, New Mexico 87124
Phone (505) 892-5141 Fax (505) 892-3259

interiors
landscape
planning
engineering

Dekker
Perich
Sabatini

7601 Jefferson NE Suite 100
Albuquerque, NM 87109
505 761-9700
fax 761-4222
dps@dpsdesign.org

ARCHITECT

SITE PERMIT
SUBMITTAL

ENGINEER

SCOTT A. EDDINGS 12856 REGISTERED PROFESSIONAL ENGINEER
9/10/14

PROJECT

Dave & Buster's
Winrock Town Center
2100 Louisiana Blvd NE
Albuquerque, New Mexico

REVISIONS

DRAWN BY	-
REVIEWED BY	-
DATE	
PROJECT NO.	12-0023

DRAWING NAME

GRADING & DRAINAGE PLAN

C-101