

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 7, 2001

John MacKenzie, P.E. Mark Goodwin & Assoc. P.O. Box 90606 Albuquerque, New Mexico 87199

RE:

WASHBURN PIANO

(H-17/D54A)

ENGINEERS CERTIFICATION FOR CERTIFICATE OF OCCUPANCY

ENGINEERS STAMP DATED 10/24/2000

ENGINEERS CERTIFICATION DATED 12/3/2001

Dear Mr. MacKenzie:

Based upon the information provided in your Engineers Certification submittal dated 12/4/2001, the above referenced site is approved for a Permanent Certificate of Occupancy.

If I can be of further assistance, please contact me at 924-3981.

Sincerely,

Teresa A. Martin

Hydrology Plan Checker Public Works Department

nesa a. Martin

BUB

C:

Vickie Chavez, COA drainage file approval file



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 20, 2000

John M. MacKenzie, P.E. Mark Goodwin & Assoc, P.O. Box 90606 Albuquerque, NM 87199

RE: WASHBURN PIANO, The Pavillions @ San Mateo (H17-D54A). GRADING AND DRAINAGE PLAN FOR SITE DEVELOPMENT PLAN FOR BUILDING PERMIT AND FOR BUILDING PERMIT APPROVALS. ENGINEER'S STAMP DATED OCTOBER 24, 2000.

Dear Mr. MacKenzie:

Based on the information provided on your October 26, 2000 submittal, the above referenced project is approved for both Site Development Plan for Building Permit and for Building Permit.

Please attach a copy of this approved plan in the construction sets prior to sign-off by Hydrology.

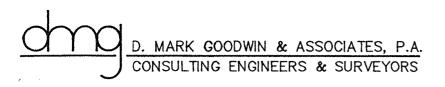
If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,

John P. Murray, P.E.

Hydrology

c: Whitney Reierson



PROJECT Wash	burn Piano
SUBJECT Dram	196 , ,
BY IMM	DATE 10/25/00
CHECKED	DATE
	SHEETOF

	animalianian	-	and the state of	The Printers	A PROFICE	New Yorkston	SHOOTS CHARGE STATE	Action to the second	NAMES OF TAXABLE	THE RESERVE OF THE PERSON NAMED IN	Name and Address of the Owner, where			Commence of the	A STATE OF THE PARTY OF THE PAR			***		THE RESERVE	Name and Address of the Owner, where				
											-				de la company	*****									, wagens
- Jacob			-		11	-	-			711						1-1-1				H	or i antonio	4	 	444	undin.
		1.1.	4.4.		1	-	****					reference contraction			open open de la constante de l					de manage		andrew from	fragender 1		Marin Brain
		++++				-	***	4		-		i l			4-4-4-			-							24200
- Land	111		1	111	++	-		+	afrajarj.	+++	•••							-	- lake	1-1-1		-إسإسن	ļ.,	dagad	
														****	for freedom			-		frij		-	hikala		- j
		-				15	n/r	11	Tr		wh	10			1-1		-			-	72.1				em gro
4000 4000 to	anterna uma anterna an	edore frank	esperies	-	nedwedje		4	K	a jumpan	encelor de loc	XXXII	Groce and	and the second	DU		Tomas and	2//	15	an Q	Second second	194	ove genegrous		(C)	2008Qm92
		111			***			-				111		and a face	-	and the second	and and	-	-		+++				might
	4-4-4-	111	anifection.		II			Land							Lackarda.		enceducado		Π					1 1	Merchen.
-	+	+++						4-4-4				-	-	era Jerujus		a de contra de c									-
	TIT	111	11		andreeds.		-	+ 7	14	5 111	-	++-	-A		15	F	-			of any any		++-		-	anders
			1										17	Ī	/ -	1		- from		1-1-1	-	en andrees	h	*****	renjum
-								ļ.									Tital Care Con					endandra	haracheren ber	of confirmed	nociani management
and and a		+ $+$ $+$	m former from	ļ.	•	++		+++	+++			-	WF)	-3-	-	***	44	roughandere	1	ere breakernske	anjanijana	Januari dan	Leeding	*******
bereitset a		ederellande	zadosados.	and and	en bonope	- L	or industry	openjerske	had record control	and produced by	est from francisco	of early seek some	ana an	emetropologico	anners at an	esta mond	eisensensen	and the second	ens pina pon	of CAST AND	economical a	เลาผู้สอบตั้งขอ	busilanska.	of marginary	ezenionea E
	44.	4.4			4	of medical			il.			III	ੱ ਤ ਵ		7 6	7	4/	ar and a second	anto-ofen anto-ofen	TÍ	ordinalised whenless	L	LLÍ.	Π	
		-			eroğreniğesi	ļ		1-1-1-	n finafant			1-1-1-			7 · Z	2.1.	10	4-4-1		1-1-1		-	ļ.,		-contr-
		III	11.	Шİ		ĺĬ		<u> Marka</u>	111		111	111			 	++1		+++		1-1-1	mp jagi,		er san fermandame	fanjarj	-
- Land	-	-	-		nagranajana			111				III		major Luc	in in			111		TT	reprinte				
landari.	++-			halad.	n þen þen		14	49	1-1-	4	传	1	6.	1		4	. 0	2.5						III	rengues
moforeign	nghangan jan	194	1		andrew from	(x)			##	1	1-4	1-11-		1	250	00	H	4-4		ļ., ļ., ļ	asfarfarf.	-	hoofeed in	144	and a
ess preed so	and and an analysis	Jan	ragea referen				1	215			UB	1	ancella columbia	t : t	1)	01	-		e-color-olinava	1	111	4	 	frafinet.	
		111			J.L.	1		1.1.1.		111		- Jan-Jan-Jan-Jan-Jan-Jan-Jan-Jan-Jan-Jan-		Linesiere.		and the same				-	eroja zamelo	eminotal esta	paragraphic and feets	ancedwork Land	etilijaca Natar
ronforda.	referefis			han familia	1-1-	111		jul ul-	++++	1-1-1					-	1-1-1		1-1-1			117				equipment.
	aladala.		1		11			Tİ	111	11	/s			on freeze		of people and				-		-	-	1-1-1	-
		1-1-1	-			1-		11	41	6	1	10			F			1			-1		****	L	
randuslan		dului.		-	4-4	X :	ersol - colons	7	Z 7	$\perp C$	<i>y</i> > -	16	UKS		14		4	L_{ℓ}	C/A:	5	cyel	110	rai	en	
acceptor exert			- frankrik		-feets	111	minimi	+++					1	morphism	man versions.	1	in a few fire					-	mark mendere	4:00 lace	1
	-				11.					1)1	311			randa sanda san			no estrono do re	TT	1	1	orderelanda.	erchementers.	more recipion	m	esse fron 1
0000200000	erana dan menang	لبسامة	-	-	ndrasida	++++		444	441	<u> </u>	-											a Carokaw	acceptant of the	Constitution of	n aleen
ngine enemalistic	1-1-1-	$\dagger\dagger\dagger$	-farfan		1-1-	of market and		adrender der						rcado selabas		<u> </u>	ai afaarfar	-	mhafin	[].	marine de la constante de la c	- Jacobson		1.1.4	****
N. CO. SECTION S		1//		7		100	0				10						marker of the			fragraf.	~	and services con-	mohredin	in fra	****
a majuraja	4-4-4-	V	5K	12	116	γμ	Y []	mh	1	11/4	7//	4					-				***************************************		action of the second		arehene arehene
mojembe	-frafanja	- frankriska	manufació			7 8 2		3. 3 1/	and and a	1-1-1	make make a shake	4	humini		Lulala	1 1 8	6 6	2 2 1	1 1	1 1 2	1 2 6	7 1 1	1 1		
	3. 8 6	4 8 4	7 7	1 1	- Property	-	1 1		1 1 1	3 1 1	3 3 3	2 1 2 2	2 1 1	7 3 3	1 1	denoted to the	migunga	referende	- Sandan	free franchis	mofunghangh	e forest nort	- majore france		
androse			-															111			•				-
							10						っ										errogonees (nome		
				7			Q					2	. 7	etanije s se jeneral o ne sjeneral o ne sjeneral									, ,		
				7	E		Q	- - -	3/7			2	. 7			3/_			12		42	1	<i>;</i> ;		
				4	=		0	-#	3/2			<u>:</u> 2	. 7 7 7 c	2.5		3/2			2	. 7	43	J	;		
				4	=		<u>Q</u> 1.9	-#	3/2			<u>2</u> 2.	. 7 174	2.5		3/2							<i>\</i>		
				4			0,9	- H	3/2			<u>‡</u> 2,6	: <u>7</u> 7	2.5		3/2							<i>y</i> -		
				1			0	-	3/2			<u>2</u> 2.	7	2.5)	3/2							+ J.		
				4			2		3/2			2,6	7	2.5		3/2							/ / /e		
				4			2	#	3/2			2,0	7	2.5		3/2			e	2			7 7 2		
				4			29	#	3/2		E	<u>2</u> 2,	7	2.5		3/2				2			1/2/2		
							2		3/2			2,6	7	2.5		3/2			e	2			7		
						te de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	2	4	3/2			2,6	7			3/2			e	2			/ / //////////////////////////////////		
				4		The second secon	2	7/	3/2			2,4	7			3/2			e	2			// /e		
				4		A contract of the second contract of the seco	2		3/2			<u>2</u> 2,6	77764	2.5		3/2			e	2			<i>/</i>		
						territoria del constitución de la constitución de l	27.9		3/2			2,6	. 7	2.5		72			e	2			/ /e		
							2	**	3/2			2,0	. 7	2.5		3/2			e	2			7		
							0		3/2			2,6	. 7	2.5		3/2			e	2			/ /e		
									3/2			2,6	. 7			3/2			e	2			Je		
							0,9		3/2			2,6	7	7. 6		3/2			e	2			// le		
							2,9		3/2			2,6	7764	7.5		3/2			e	2			Je		
							2		3/2			2,6		7.5		32			e	2			//- le		
							2		3/2			2,6	7	7.5		32			e	2			Je Je		
							9		3/2			2				4			e	2			<i>Je</i>		
							2,9		3/2			2		7 5		3/2			e	2			<i>74 7e 1 1 1 1 1 1 1 1 1 1</i>		
							2,9		3/2			2,0		7. 5		3/2			e	2			74 Je		
							2,9		3/2			2,0		7.		3/2			e	2			//		
							2,9		3/2					7.		3/2		<i>U</i> 3	e	2			<i>Je</i>		
							2,9		3/2					7.		3/2		<i>U</i> 3	e	2			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
							2,9		3/2					7.		3/2		<i>U</i> 3	e	2			//		
							2,9		3/2					7.		3/2		<i>U</i> 3	e	2			//		
							2,9		3/2							3/2		<i>U</i> 3	e	2			7/2 /e		

AHYMO PROGRAM (AHYMO194) - AMAFCA Hydrologic Model - January, 1994 RUN DATE (MON/DAY/YR) = 10/18/2000 START TIME (HR:MIN:SEC) = 07:45:45 USER NO. = M_GOODWN.I01 INPUT FILE = WASHBURN.DAT

START

TIME=0.0

**** WASHBURN PIANO IN THE PAVILLIONS

RAINFALL

TYPE=1 RAIN QUARTER=0.0 IN
RAIN ONE=2.03 IN RAIN SIX=2.39 IN
RAIN DAY=2.79 IN DT=0.033 HR

COMPUTED	6-HOUR F	RAINFALL	DISTRIBU	TION BAS	ED ON NO	AA ATLAS	2
DT =	.033000 H	HOURS	END T	IME =	5.9730	00 HOURS	
.0000	.0018	.0036	.0054	.0073	.0092	.0112	
.0132	.0152	.0174	.0195	.0217		.0264	
.0288	.0312	.0338	.0364	.0391	.0420	.0449	
.0479	.0510	.0543	.0576	.0612	.0649	.0687	
.0728	.0771	.0816	.0869	.0927	.0989	.1075	
.1333	.1740	.2335	.3159	.4253	.5659	.7422	
.9586	1.2196	1.3364	1.4181	1.4898	1.5545	1.6138	
1.6687	1.7199	1.7679	1.8130	1.8555	1.8956	1.9336	
1.9696	2.0037	2.0361	2.0668	2.0961	2.1157	2.1221	
2.1282	2.1339	2.1394	2.1447	2.1498	2.1546	2.1593	
2.1638	2.1682	2.1724	2.1765	2.1805	2.1844	2.1882	
2.1918	2.1954	2.1989	2.2023	2.2056	2.2089	2.2121	
2.2152	2.2183	2.2213	2.2242	2.2271	2.2299	2.2327	
2.2354	2.2381	2.2408	2.2434	2.2459	2.2484	2.2509	
2.2534	2.2558	2.2581	2.2605	2.2628	2.2651	2.2673	
2.2695	2.2717	2.2739	2.2760	2.2781	2.2802	2.2823	
2.2843	2.2863	2.2883	2.2903	2.2922	2.2942	2.2961	
2.2979	2.2998	2.3017	2.3035	2.3053	2.3071	2.3089	
2.3106	2.3124	2.3141	2.3158	2.3175	2.3192	2.3209	
2.3225	2.3241	2.3258	2.3274	2.3290	2.3306	2.3321	
2.3337	2.3352	2.3368	2.3383	2.3398	2.3413	2.3428	
2.3443	2.3457	2.3472	2.3486	2.3501	2.3515	2.3529	
2.3543	2.3557	2.3571		2.3598	2.3612	2.3625	
2.3639	2.3652	2.3665	2.3679	2.3692	2.3705	2.3717	
2.3730	2.3743	2.3756	2.3768	2.3781	2.3793	2.3806	
2.3818	2.3830	2.3842	2.3854	2.3866	2.3878	2.3890	

- *HYDROGRAPH FOR ADJACENT OFF-SITE BASIN ABOVE SUBJECT PROPERTY
 *RUNOFF FROM THIS BASIN WILL BE DIRECTED TO SWALE ALONG SOUTH
- *SIDE OF SUBJECT PROPERTY (INCLUDES SUBJECT BUILDING)

COMPUTE NM HYD ID=1 HYD NO=101.1 AREA=0.00094 SQ MI PER A=0.0 PER B=0.0 PER C=10.0 PER D=90.0 TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE UNIT PEAK = 3.3401 CFS UNIT VOLUME = .9960 B = 526.28 AREA = .000846 SQ MI IA = .10000 INCHES INF = .04000 I RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT

UNIT PEAK = .27001 CFS UNIT VOLUME = .9508 B = 382.90 AREA = .000094 SQ MI IA = .35000 INCHES INF = .83000 I RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT

PRINT HYD ID=1 CODE=24

PARTIAL HYDROGRAPH 101.10

TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS
.000	.0	1.320	. 7	2.640	.1
. 660	. 0	1.980	. 7	3.300	.0

RUNOFF VOLUME = 2.05428 INCHES = .1030 ACRE-FEET
PEAK DISCHARGE RATE = 2.76 CFS AT 1.518 HOURS BASIN AREA =

FINISH

NORMAL PROGRAM FINISH END TIME (HR:MIN:SEC) = 07:45:46

