Project Name	***************************************	***************************************	**************************************	(Part 1 of 3)	PERF-1
DOOD Cohool Dullating A					Date
BCSD School Building A Project Address	· · · · · · · · · · · · · · · · · · ·	Climate Z	^p^	Total Cond Floor Area	1/5/201
Bakersfield		,	mate Zone 13	34,002	n/a
GENERAL INFORMATION	Description of the second control of the sec	0/10//	mate zone re	01,002	1774
	sidential	☐ Hìgh-	Rise Residential	☐ Hotel/Motel	Guest Room
· , ,	atable - indicate		fic climate zone	☐ all climates	Gadat / tooms
	Construction	Addit	ion	☐ Alteration	
STATEMENT OF COMPLIANCE This certificate of compliance lists the comply with Title 24, Parts 1 and 6 of certificate applies only to a Building u	the California Coc	te of Regul	ations. This	)	
The documentation author hereby ce	rtifies that the docu	umentation	is accurate and c	omplete.	***************************************
Documentation Author			1	7)	*******************************
Name MADL DAS	Skind		Signature		
Gompany Mechanical Design Concepts,	Inc			Date 1/5/2012	
Address		*********************	***************************************	Phone	
City/State/Zip	-				**************************************
construction documents is consistent any other calculations submitted with efficiency requirements contained in s check one: ENV. LTG. MECH.	this permit applica	tion. The p	roposed building	has been designed to	meet the ene
☐ ☐ ☐ sign this docum California as a I affirm that I ar	ent as the person re	esponsible fo anical engine	r its preparation; a er, electrical engin	of the Business and Pro nd that I am licensed in leer, or I am a licensed a	the Stale of architect
contractor performent of the contractor perfo	.3 to sign this docum orming this work, in eligible under Divis ains to a structure or	nent as the p sion 3 of the type of work	erson responsible t Business and Profe	usiness and Professions for its preparation, and t essions Code to sign this inpt pursuant to Busines	hat I am a licens s document
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Date   BCSD School Building A   ANNUAL TOV ENERGY USE SUMMARY (kBtu/sqft-yr)									
Project Name   BCSD School Building A									
				Comp	liance		**************************************	. <del>244.0040404 w.40000</del>	######################################
Project Name   BCSD School Building A   ANNUAL TOV ENERGY USE SUMMARY (kBtu/sqft-yr)							*********		
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Right Elevation		(W)		5,336		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ł '		5,9
	Total				•	***************************************	1	ļ	
Roof		L		32,395	sqft.	0	sqft	L	00
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Prescriptive Envelope T	DV En	ergy		,		622,415	LTG-1	C for al	lowed L
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Remarks:			**************************************		-		***************************************	بعقة تجانب وجوانت مرادات	Alasania de la composição

	ICE CERTIFICAT	E OF COMPLIAN	CE	<u>(</u> F	Part 3	of 3)	PER	<u>F-1C</u>
Project Name BCSD School Build	dina A						Date 1/5	/2012
ZONE INFORMATION		cochaniscascocamanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacabanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacambanacamba		estateuro con obsocione	***************************************	**********************		2012
······································	***************************************		Floor	Inst.	Ctrl.		ed LPD	Proc
System Name	Zone Name	Occupancy Type	Area (sqft.)		Credits (W/sf) <sup>2</sup>	Area (W/sf) <sup>3</sup>	Tailored (W/sf) <sup>4</sup>	Loads (W/sf
AC A1	Gymnasium	Convention/Conference/Mee	8,364	*0 614	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(14,5,7	1.44.00	111701
AC A2	Platform Area	Classroom, Lecture, Training	2,378	*0 614				
AC A3	Music	Classroom, Lecture, Training		*0 614		<u> </u>		
	Music Office & Practice	Office <= 250 sqft	413	*0 614				
AC A4	Library	Library, Reading Area	2,306	*0 614				
	Library Office & Work	Office <= 250 sqft	309	°0 614				
AC A5	Lobby 100 / 101	Lobby, Main Entry	1,510	*0.614				
halapapa di Para di Nasara di Maria di Maria di Nasara di Maria di Nasara di Maria di Nasara di Maria di Nasara	Teilets & Storage	Corridor/Restroom/Support	810	*0 614				
AC A6	Teachers Lounge A120	Dining	1,067	*0 614				
AC A7	Multi-Purpose	Convention/Conference/Mee	4,410	*0 614				
***************************************	Toilets & Corridor	Corridor/Restroom/Support	578	*0.614				
AC A8	Platform Area	Classroom, Lecture, Training	2,322	°0.614				
AC A9	Library	Library, Reading Area	1,622	*0.614				*****
	Library Storage & Speech	Office <= 250 sqft	411	*0.614				
AC A10	Teachers Lounge A143	Dining	855	*0.614				
AC A11	Serving Line A119	Retail Sales, Wholesale	1,498	*0 614				5.00
AC A12	Serving Line A130	Retail Sales, Wholesale	642	*0 614				5 00
AC A13	Kitchen & Storage	Kitchen, Food Preparation	2,247	*0 614				
Notes: 1 See LTG-1C (items marked with as	itensk, see LTG-1-C by others)	2. See LTG-2C 3. See LTG-3C (by others)	4. See	LTG-4C	ltems ab	ove require s	pecial docume	ntation
	NDITIONS COMPLIANC			<del></del>	******	******	-	
justification and docume	gency should pay special atte entation, and special verificat	ion to be used with the perfo	rmance a	pproach. I	'he local ei	nforcement	agency	
	y of the justifications, and ma documentation submitted.	ıy reject a bullding or design	that othe	rwise com	plies base	d on the ac	lequacy of th	10
	includes Demand Control Vent	ilation ner Standards Section 1	21	<del></del>			***************************************	*******
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	48HCD17 VAV (horizontal) inc	************************************		-				
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~~~	48HCD17 VAV includes a Varia		omig outpi	7,0,000	Dian or a g	apply citi	2000.	*************
		proach application have spe	cifically b	een reviev	ved. Adequ	ate written	justification	n and
The exceptional features								
The exceptional features	use have been provided by th	e applicant.						
The exceptional features documentation for their	use have been provided by th Stamp	e applicant.  RunCode: 2012-01-	0ET40.04-	10 ID. 09	1004	***********		9 4 of 44

Project Name	CE CERTIFICATI	- OI OOMI LIAI	4 00 800		Part 3	<i>31 0)</i>	PER	
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	1		Floor	Inst.	Ctrl.	Allow	ed LPD	Pro
System Name	Zone Name	Occupancy Type	Area (sqft.)	LPD (W/sf) <sup>1</sup>	Credits (W/sf) <sup>2</sup>	Area (W/sf) <sup>3</sup>	Tailored (W/sf)4	Load (W/s
	20,10 1,101	Occupancy 13po	1037	<u> </u>			(11.0.7	3
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justification and documen determines the adequacy special justification and d		on to be used with the perf y reject a building or desig	ormance an that other	approach. T erwise com	The local er	forcement on the ad	agency equacy of th	10
	8HCL04 CV includes an Econ ral w/ Cool Roof Ultra Flex 160	**************************************	····		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			tina Ce
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The exceptional features if	sted in this performance ap	proach application have sp	ecifically I	oeen reviev	ved. Adequ	ate written	justification	n and
Fhe exceptional features li focumentation for their us Authorized Signature or St	e have been provided by the	proach application have sp a applicant.	ecifically l	oeen reviev	ved. Adequ	ate written	justification	a and

	TIFICATE OF FIELD INSPE					Y CI	<u>HECK</u>	LIST	******************************	Par		or 3	)	EN	/-
	School Building A													Date 1/5/	20
Project /	Address	*****					Climate	Zone		Total			Area Ado	otion Fk	
	ersfield						<u></u>	13			34,	002		n/e	ì
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Building		<u> </u>				c Scho	al	ligh-Rise R			1 H		lotel Guesi		
	nools (Public School)		Bldg.				[2]	Condition					Incondition	ned Sp	асе
□ Sk	ylight Area for Large Er	clos	ed Spac	e ≥ 8	000 ft <sup>2</sup>	(If che	cked inclu	ide the EN	V-4C with	submi	ttal)				
	of Construction	Ø						ddition			I A	teration	on	***************************************	
	ch of Compliance:		Comp	onent			IZI C	verall Enve	lope		U	псопо	litioned (file	e affida	vit)
Front O	mentation: N, E, S, W o	r in E	************		0 deg			-			******		nija angang		
	***************************************		FIEL	DIN	ISPE	referencements	***	RGY CH	HECKL	ST	·	****	***************************************		MACORDINA MACORD
OPAQU	E SURFACE DETAILS	3	<del>PONS AND MON</del> OSCIPLIANCES	~~~~		INS	ULATIO	<u> </u>	<del></del>	P*************************************	ļ	*******	***************************************		
Tag/ID	Assembly Type		Area (ft²)	Orientation N, E, S, W	U-Factor	Cavity	R-Value Exterior R-	Exterior Furring <sup>3</sup>	Interior R-	Interior Furring <sup>3</sup>		Joint Appendix 4	Condition	Pass	
1	Roof		8,364	(N)	00	31 R	-30				4.2	1-A20	New		
2	Wall		848	(E)	05	70 N	one				4.3.	5-A4	New		I
3	Wall		320	(S)	05	70 N	one				4.3	5-A4	New		
4	Wall		720	(W)	05	O No	опе				4.3	5-A4	New		
5	Wall		1.038	(N)	0.57	O No	one				4.3.	5-A4	New		
6	Door		50	(N)	0.50		sul			•••••	4.5.	1-A3	New		_
7	Wall		205	(E)	0.06	+	-21				43	********	New		1
8	Door		50	(E)	0.50		sul				4.5		New		1
9	Slab		8,364	(N)	0.73		orie				4 4.7	********	New		4
10	Roof		2,378	(N)	0 03		-30		Ll		4 2.1	-A20	New		_L
c see m 2 If Fail,	structions in the Nonreside then describe on Page 2 o	the	Inspectio	nce wa n Che	ınual, p cklist F	age 3-9 om an	a6. d take appr	opriate actio	n to correct	A fail	does	not m	eet complia	nce.	
FENES	TRATION SURFACE	DE	TAILS	***********	905#R06#60#TBI	<del></del>	<del>150m=111010101400154404</del> 0	*****************	************	************	*******	-	************	*************	10000
Tag/ID	Fenestrat Type	ion			Area (ft²)	Orientation N, E, S, W	Max U-Factor	U-Factor Source	Max (R)SHGC	SHGC	Source	Overhang	Conditions Status	Pase	
!	Window				69	(S)	0.290	cog	0.240	C	OG		New	a	T
?	Window	*********			25	(S)	0.290	coe	0.240	C	OG	<b>2</b> 2	New		J
}	Window				50	(S)	1.100	COG	0.570	C	og	Ø	New		
····	Window			ļ	103	(W)	0 290	COG	0.240	C	06		New		
· 	Window				63	(NW)	0.290	cog	0 240	C	OG	Ø	New		
	Window		····		147	(NW)	1.100	COG	0.570	Ç	OG	<b>8</b> 21	New		L
	Window			<u> </u>	63	(NW)	0.290	COG	0.240	C	OG	Z)	New		L
	Window			ļ	147	(NW)	1.100	COG	0.570	C	OG	<b>8</b> 2]	New		L
	Window	_		ļ	137	(E)	0 290	<del> </del>	0 240		og		New	D	1
0	Window			<u> </u>	162	(N)	0 290	cog	0.240	C	og		New		L
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Tag/ID   Assembly Type   Tag/ID   Assembly Type   Tag/ID   Assembly Type   Tag/ID	TIFICATE OF C				/ CHI	ECKII	IST	(	Part	1 0	of 3)		ENV	-1C	
Project Address   Clemate Zone   34,002   Addition   Address   Addition   Alteration   Addition   Alteration   Approach of Compliance   Component   Addition   Addition   Alteration   Approach of Compliance   Component   Addition   Addition   Alteration   Approach of Compliance   Component   Approach of Compliance   Addition   Addition   Addition   Alteration   Approach of Compliance   Addition   Addition   Addition   Addition   Addition   Alteration   Approach of Compliance   Addition    Project N	lame	11(7)14 1	1 V L			L., V 8 \ D			wherear the complete high	<del></del>					
Bekersfield					············	T	Climate 7	ne		Total (	ond.	Floor	Area   Adr		
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Schools (Public School)	GENER	AL INFORMATION		***********	0200000000000000		************					********	***********	***********	
Skylight Area for Large Enclosed Spaces   Bidg.   Exp   Conditioned Spaces   Bidg.   Exp   Conditioned Spaces   Bidg.   Exp   Conditioned Spaces   Bidg.   Exp   Bidg.	Building	Туре:			~~~~		☐ Hig	h-Rise Re	sidential		Ho	tel/M	otel Guesi	Room	
Phase of Construction		,	പ് Bldg.									U U	Incondition	ned Spa	ces
Approach of Compliance						if check			-4C with	·					************
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FIELD INSPECTION ENERGY CHECKLIST   INSULATION			<del></del>			T	W OVE	Hall CHVE	ope		UII	CONO	RIGHEG (HR	amgav	
See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructions in the Norresidential Compliance Manual, page 3-96   See Instructi		senaron, N. L., G, W OI R	NAME OF THE PERSON NAME OF THE P		MOTOR MATERIAL PROPERTY AND RESIDENCE AND RE	CTION	IENEE	CV CH	ECKLI	er -	******	<del>10010</del> 0000000	******************	##E###################################	
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11   Wall				~		1		-			********	***********	***************************************		***************************************
12	Tag/ID	Assembly Type	Area (ff²)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R. Value	Exterior Furring <sup>3</sup>	interior R- Value	interior Furring³	, del	Appendix	Condition Status	Pass	Fail <sup>2</sup>
13	11	Wall	210	(E)	0.65	O Non	9				4 3.5	-A9	New		
14    Wall	12	Wall	1,215	(S)	011	3 Non	6 100	Wood			435	-A9	New		
15   Wall	13		25	(S)	0.50	0 Insu	4				451	-A3	New		
150	14		160	(W)	0 65	0 Non	0	ļ		~~~~~	4.3.5	-A9	New		
17   Slab   2,378   (N)   0.730   None	,						<del></del>	ļ				····			
Result   R						<del></del>		Wood			**********				+
1   See Instructions in the Nonresidential Compliance Manual, page 3-96   2   If Fail, then describe on Page 2 of the Inspection Checklist Form and take appropriate action to correct. A fail does not meet compliance.    1   See Instructions in the Nonresidential Compliance Manual, page 3-96   2   If Fail, then describe on Page 2 of the Inspection Checklist Form and take appropriate action to correct. A fail does not meet compliance.    2   Fenestration		·						ļ			*******				
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1	2 If Fail, I	then describe on Page 2 of t	he Inspectio	n Che	cklist Fo	orm and t		oriate action	*************	. A fail	does	***********	T	nce.	
2 Window 50 (S) 1.100 COG 0.570 COG 1 New	*****		n		Area (ff')		Max U-Factor	U-Factor Source	Max (R)SHGC	SHGC	2000	*********	Condition	···	
3 Window 42 (E) 1.100 COG 0.570 COG		*****			~~~~				***************************************			********	<del></del>		
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	J	vvindow		<del> </del>	42	(E)	7.100	COG	0.570		UG	*********	New		
See Instructions in the Norresidential Compliance Manual, page 3-96				<del> </del>					************		-+				
See Instructions in the Norresidential Compliance Manual, page 3-96			*****	<del> </del>						<b></b>		**********			<b></b>
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See Instructions in the Nonresidential Compliance Manual, page 3-96		***************************************		ļ						<b> </b>	$\dashv$	**********			-
. See Instructions in the Norresidential Compliance Manual, page 3-96															
. See Instructions in the Nonresidential Compliance Manual, page 3-96 If Fail then describe on Page 2 of the Inspection Checklist Form and take appropriate action to correct. Verify building plans if necessary.									****************				*****************		
		tructions in the Nonresidenti	al Complian	се Ма	nual, pa	ge 3-96									**********
EnergyPro 5.1 by EnergySoft User Number 5232 RunCode: 2012-01-05T12:01:10 ID 09091 Page 7 of 44	See Ins	en describe on Pana 2 of th	a inspection	Chan	ichet ⊏n:	nt and to	ka annron	into ontino	10 correct			an min		one	

Project BCSI	Name O School Building A	************		A-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	***************************************						ſ	Date 1/5/2	013
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	rersfield			·····			13	***************************************	<u> </u>	34,002		n/a	oppite man
<del></del>	RAL INFORMATION	00000000000000000000000000000000000000	***********	***************************************	************	F1 115-b	. M M .			1 5 - 2 - 5 / 8 /	***************************************	on an area	**********
	g Type:	Nonre		Public :	School		1-Rise Re				otel Guest	***************************************	
		⊔ Bldg.					onditioned	,			Incondition	ed Spac	ces
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	of Construction:	Mew C		etion		☐ Add	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						
		Compo		~~~~~~~	Ţ	☑ Ove	rall Envel	ope		Uncond	itioned (file	affidavi	1)
Front	Orientation: N, E, S, W or			0 deg							ndekadratneko (dibarraman aran	**********	00000000
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OPAG	UE SURFACE DETAILS			***********	INSUL	ATION		*************	po <del>rocotsosos</del>			»	_
Tag/ID	Assembly Type	Area (ft²)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R- Value	Exterior Furring <sup>3</sup>	Interior R- Value	Interior Furring <sup>3</sup>	Joint Appendix 4	Condition	Pass	5,115
21	Door	40	(W)	0 500	Insul	1				451-A3	New	. 🖸	E
22	Wall	656	(N)	0 069	R-21					4.3.1-A6	New		£
23	Wall	496	(W)	0 1 1 3	None	100	Wood			4.3,5-A9	New		C
24	Slab	2,260	(N)	0 730	None			·		4 4.7-A1	New		[
25	Roof	413	(N)	0 031	R-30					4.2.1-A20	New		L
26	Wall	272	(E)	0 113	None		Wood			4.3 5-A9	New		L
27	Wall	332	(S)	0 113		100	Wood	····		4 3.5-A9	New	<u> </u>	C
28	Wall	192	(W)	0.069						4.3.1-A6	New	12	E
29 30	Slab Roof	413 2,306	(N) (N)	0.730	None R-30					4.4.7-A1 4.2 1-A20	New		0
2, If Fail	nstructions in the Nonresider I, then describe on Page 2 of STRATION SURFACE	the Inspectio		cklist Fo	m and ta	ike approp	riate action	to correc	t. A fail	does not m		осе.	T
Tag/l	Fenestratie D Type	on.		Area (ff')	Orientation N, E, S, W	Max U-Factor	U-Factor Source	Max (R)SHGC	SHGC	Source	Conditions Status	Pass	Fail
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Projec	l Name	**************	W.W.P.D.W.		<del>nu lectrativista</del>	rómbácopadarminotossecreso	<del></del>	***************************************	*************	***************************************	D	ate
	D School Building A	*************	~~~~			Climate Zo	no		1 Total (	Cond. Floor	Area   Additi	1/5/
	kersfield				1	ominate ac	13		1	34,002	713011	n/a
GENE	RAL INFORMATION	######################################		***************************************			*****					
Buildi	ng Type:	Zi Nonre	sident	ıal		☐ High	-Rise Re	sidential		Hotel/Mo	otel Guest F	loon
m s	ichools (Public School)	g Reloca Bldg.	table	Public 8	School	EZ Co	onditione	d Spaces		o u	nconditione	d Sp
D S	kylight Area for Large Encl	sed Space	e ≥ 80	000 ft <sup>2</sup> (I	f checke	d include	the ENV	-4C with	submit	tal)		
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		1 Compo	onent	******		☑ Ove	rall Envel	ope		Uncondi	tioned (file a	affida
	Orientation: N, E, S, W or is			0 deg								
			D IN		TION	ENER	GV CH	ECKL	ST	***************************************	***************************************	Observance
OPAC	UE SURFACE DETAILS	1 7 8 8		OF L.C		ATION	<u> </u>		<u> </u>	<del></del>	***************************************	noconnoco
<b>2777</b>	TOL DOM AGE DETAILS	T	T	<del>}</del>	111000	1				***		T
		Area (ff²)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R- Value	Exterior Furring <sup>3</sup>	Interior R- Value	Interior Furring <sup>3</sup>	Joint Appendix 4	Condition	
Tag/II	Assembly Type	Are	O Z	7	S 25	Ext.	Fur	Inte	Fur	Join	Sta	0
31	Wall	. 790	(N)	0 113	None	10.0	Wood			4 3.5-A9	New	C
32	Door	20	(N)	0.500	Insul					451-A3	New	
33	Wall	1,027	(S)	0.113	None	100	Wood			4.3 5-A9	New	
34	Wall	647	(W)	0.113	None	10.0	Wood			4,3 5-A9	New	E
35	Wall	329	(W)	0.069	R-21			~~~~		4 3.1-A6	New	
36	Slab	2,306	(N)	0 730	None			-		447-A1	New	C
37	Roof	309	(N)	0 031	R-30					4 2.1-A20	New	C
38	Wall	180	(S)	0 069	R-21					4 3 1-A6	New	_ C
39	Slab	309	(N)	0 730	None					4 4.7-A1	New	E
40	Roof	1,332	(N)	0.031	R-30					4.2.1-A20	New	TE
1 See 2 If Fa	Instructions in the Nonresident il, then describe on Page 2 of t	al Complia: he Insoectio	nce Ma In Che	anual, pa cklist Foi	ge 3-96. m and ta	ke approp	riate action	to correc	t. A fail	does not me	et complian	e
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Tag/	Fenestratio	n		Area (ff*)	Orientation N. E, S, W	Max U-Factor	U-Factor Source	Max (R)SHGC	SHGC	Overhang	Conditions Status	Pass
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	instructions in the Nonresidenti					e approori	ate action	to correct	Verify	buildina alac	is if necessar	·v
2 II Fai	I then describe on Page 2 of th		Chec	klist Form	n and tak	e appropri			Verify			y Page

Building Type	NFORMATION  (Public School)  Area for Large Enclosestruction:	Reloca Bldg. sed Space		al			13		ł	34,002	1	n/a	
Building Type  Schools  Skylight  Phase of Cor  Approach of C	(Public School) C Area for Large Enclosestruction: Z Compliance: D	Reloca Bldg. sed Space		ial	***********			*****	-				
Schools Skylight Phase of Cor Approach of C	(Public School)   Area for Large Enclorestruction:   Compliance:	Reloca Bldg. sed Space				☐ High	-Rise Re	leiteahia		Hotel/Mc	tel Guest F	Zaam.	
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T45	Account to Warre	Area (If)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R- Value	Exterior Furring <sup>3</sup>	Interior R- Value	Interior Furring <sup>3</sup>	Joint Appendix 4	Condition	Pass	Fail
Tag/ID Roo	Assembly Type	178		0 031	R-30			***************************************		4 2.1-A20	New	10	
42 Wall		222	(NW)	0 069						4.3 1-A6	New		
43 Wall		222	(NW)	0.069						4.3 1-A6	New	П	
44 Slab		1,510	(N)	0.730						4 4.7-A1	New		
45 Roo	f	810	(N)	0.031	R-30					4 2.1-A20	New		
46 Wall		640	(NW)	0.069	R-21					4 3,1-A6	New		
47 Slab		810	(N)	0 730	None					4 4.7-A1	New		
48 Root	f	1,067	(N)	0.031	R-30					4 2.1-A20	New		
49 Wall	*************************************	376	(E)	0.113	None	100	Wood			4 3 5-A9	New		
50 Door	r	20	(E)	0 500	Insul	<u> </u>	Ll			4 5.1-A3	New		
	Jescribe on Page 2 of th TION SURFACE D Fenestration	ETAILS	T		Orientation N, E, S, W	Max U-Factor	U-Factor Source	Max (R)SHGC	SHGC	<b>D</b>	Conditions Status	Pass	Fail <sup>2</sup>
Tag/ID	Туре	************		<b>4</b>	٥ <del>-</del>	æ 🕽	- o		100		~ ~ ·		
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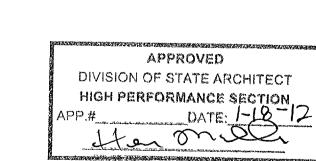
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Project Na BCSD S	<sup>me</sup> School Building A	HOINE		nui			***************	**************************************		***************************************		Date 1/5/20	
roject Adi Baker:	sfield			www.euetondeortunos		Climate Zor	13		Total	Cond. Floor <i>F</i> 34,002	Area Add	ition Floo <i>n/a</i>	r Area
*****	L INFORMATION	☑ Nonres	idant	ìal	-	☐ High	-Rise Re	erdential		Hotel/Mo	tel Guest	Room	
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	ght Area for Large Encl	Blag.	> 80	00 62 /I	f chack								
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pproach	of Compliance:	□ Compo	nent	~	***************************************	Ø Over	all Envel	ope		Uncondit	ioned (file	affidavi	t)
ront Orie	entation: N, E, S, W or i	n Degrees:	T	0 deg	<u> </u>							***************************************	************
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PAQUE	SURFACE DETAILS	****			INSU	ATION			·····				7
Tag/ID	Assembly Type	Area (ft²)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R- Value	Exterior Furring³	Interior R- Value	Interior Furring <sup>3</sup>	Joint Appendix 4	Condition	Pass	Faul <sup>2</sup>
	Wall	524	(S)	0 113	None	100	Wood		• •	4.3.5-A9	New	0	
	Door	20	(S)	0 500	Insu	4				4 5 1-A3	New	D	
	Wall	96	(W)	0.113	<del> </del>		Wood			4 3.5-A9	New	10	0
	Slab	1.067	(N)	0.730	<del> </del>					4.4.7-A1	New		
	Roof Wall	4,410 952	(N)	0.031		-		************************		4 2.1-A20 4.3.5-A9	New		
	Door	40	(N) (N)	0.500	<del> </del>	+		******************************		4.5.1-A3	New		
	Wall	264	(E)	0.650				***********		4.3 5-A9	New		
	Wall	432	(S)	0.650	<del></del>			******		4.3.5-A9	New		
3	Slab	4,410	(N)	0.730	None	,				4.4.7-A1	New		
If Fail, th	ructions in the Nonresiden en describe on Page 2 of	the Inspectio				ake appropr	rate action	to correc	t Afail	does not me	et complia	nce.	*****
ENEST	RATION SURFACE	DETAILS	·					***************************************	<del></del>		************		
Tag/ID	Fenestration Type		Area (ft')	Orientation N, E, S, W	Max U-Factor	U-Factor Source	Max (R)SHGC	SHGC	Source	Conditions Status	Pass	Fail	
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			ļ					******	<b>_</b>		************		
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If Fail the	uctions in the Nonresident in describe on Page 2 of th	e Inspection	Chec	klist For	n and ta			····					
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AND	TIFICATE OF CO				СН	ECKLIS	ST	(	Part	1 of 3)		ENV	-1C
Project N	<sub>lame</sub> School Building A								.,			Date 1/5/20	ሰፈጋ
Project A						Climate Zoi	ne		Total	Cond. Floor A	rea Ac	Idition Floo	
	ersfield	THE THIRD COLUMN	monuscocococ	*******		00400 <b>00000</b> 0000000000000000	13	····		34,002		n/a	******
	AL INFORMATION	*							·				*****
Building	***************************************	Dologo	·	Public :	School		-Rise Re			Hotel/Mo	tel Gues	st Room	
	nools (Public School) D	Bldg.		**********			onditione				rconditio	oned Spac	es
**********	rlight Area for Large Enclo	sed Space	9 ≥ 80	00 tt <sub>s</sub> (1	f check	ed include	the ENV	-4C with	submit	tal)			
	of Construction:		onstr	uction		☐ Addi				Alteration	3	***************************************	
	ch of Compliance:					☑ Ove	rall Envel	ope		Uncondit	ioned (fi	le affidavi	t)
Front Or	rientation: N, E, S. W or in	*****		0 deg	<u> </u>				+	****************	***********************	***********	Arrivan-Lease
		FIEL	<u>D IN</u>	SPEC	****	ENER	GY CH	ECKL	ST	·	*****	********	
UDAGU	E SURFACE DETAILS	***************************************		******	INSU	LATION				*************	*************		· · · · · · · · · · · · · · · · · · ·
Tag/ID	Assembly Type	Area (ft²)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R- Value	Exterior Furring³	interior R- Value	Interior Furring <sup>3</sup>	Joint Appendix 4	Condition	Siatus	Fail
ô1	Roof	578	(N)	0 031	R-30	)				4.2.1-A20	New		
62	Slab	578	(N)	0.730	None	,				4 4.7-A1	New		
53	Roof	2,320	(N)	0.031	R-30	2				4.2.1~A20	New		
54	Wall	224	(N)	0 113	None	10.0	Wood			4.3 5-A9	New	0	
65	Wall	932	(E)	0.113	None	10.0	Wood			4.3.5-A9	New		D
56	Door	60		0.500		+				4.5.1-A3	New		
67 	Wall	320	(S)	0113		·	Wood			4.3 5-A9	New		
38	Slab	2,320	(N)	0.730	·					4.4.7-A1	New		
70	Roof Wall	1,622 376	(N) (N)	0.031	R-30 None	<del></del>	Wood			4.2 1-A20 4 3.5-A9	New		
2. If Fail, I	structions in the Nonresidentia then describe on Page 2 of th TRATION SURFACE D	al Compliar e Inspectio	nce Ma	mual, pa	as 3-96			to correc	t A fail				1
Tag/ID	Fenestration Type			Area (ff*)	Orientation N, E, S, W	Max U-Factor	U-Factor Source	Max (R)SHGC	SHGC	Source	Conditions Status	Pass	Fail
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		<del>/****************</del>							ļ	0			
			-					***************************************	<del> </del>		****************		
			-						<del> </del>				<u> </u>
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			<del> </del>						<del> </del>				
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Climate Zone   13		łame School Ruilding A										E	ate 1/5/20	312
Bakersfield			······				limate Zor	ne	·····	Total	Cond. Floor	Area   Addit		
Building Type:														
Schools (Public School)	GENEF	IAL INFORMATION		***********	***************************************				***************************************		************		*********	
Skylight Area for Large Enclosed Space ≥ 8000 ft² (If checked include the ENV-4C with submittat)   Phase of Construction	Building	Type:	Nonre:	sidenti	al		☐ High	-Rise Res	sidential		Hotel/Mo	tel Guest	Room	
Skylight Area for Large Enclosed Space ≥ 8000 ft² (If checked include the ENV-4C with submitted)   Phase of Construction	□ Scl	nools (Public School) D		itable	Public S	School	120 Cd	onditioned	i Spaces	1	□ U	ncondition	ed Spac	es
Phase of Construction				08 ≤ e	00 ft <sup>2</sup> /II	checke	d include	the ENV-	4C with	submit	tal)			
Approach of Compliance:		***************************************	~~~~~				***************************************			*********		 N	***********	
Front Orientation: N, E, S, W or in Degrees:   0 deg	Approa	ch of Compliance:					☑ Ove	rall Envelo	ope		Uncondi	lioned (file	affidavi	t)
Tag/ID   Assembly Type	i				O dea	Γ					***************************************		affidav ssed a affidav a a	
NSULATION   State		***************************************				TION	ENER	GY CH	ECKL	ST		10000000000000000000000000000000000000	>040004CE-#JE04000	
Tag/ID  Assembly Type  Level By By Color  Assembly Type  171  Wall  372  (E)  0.113  None  100  Wood  4.3.5-A9  New  4.5.1-A3  New  4.5.1-A3  New  100  74  Door  20  (W)  0.500  Insul  100  Wood  4.5.1-A3  New  100  4.5.1-A3  New  100  75  Well  263  (W)  0.069  R-21  76  Stab  1,622  (N)  0.730  None  4.2.1-A20  New  100  4.2.1-A20  New  100  115  126  131  142  143  1-A6  New  100  100  100  100  100  100  100  1	OPAQU	IE SURFACE DETAILS			~ ~ ~						P+0+4+40300+04100000000000		**********	^+ <del></del>
1	-	PROPORTION OF THE PROP	***********************	_	*********		1		<del></del>	<u> </u>	4	T		Π
1			Area (Iff)	Orientation V, E, S, W	J-Factor	Cavity R-Value	Exterior R	Exterior Furring <sup>3</sup>	interior R- Value	nterior Furring <sup>3</sup>	Joint Appendíx	Condition	Pass	Fail <sup>2</sup>
			ļ			ļ								<u> </u>
73   Wall			· †		***************************************		700	11000						
	73		-				10.0	Wood	***********	<b></b>				
75   Wall   263   (N)   0.069   R-21     4.3 1-A6   New	74	· · · · · · · · · · · · · · · · · · ·	·•							<del> </del>				
Tag/ID   Fenestration   Type   Fenestration   Fenestrat	75	Wall	+							ļ	4.3 1-A6	New	0	
	76	Slab			~~~~~					l				
Tag/ID   Fenestration   Type   Fenestration	77	Roof	-						***************************************		4 2.1-A20	New	D	
1 See Instructions in the Nonresidential Compliance Manual, page 3-96 2. If Fail, then describe on Page 2 of the Inspection Checklist Form and take appropriate action to correct. A fail does not most compliance.    FENESTRATION SURFACE DETAILS	78	Wall	192	(N)	0 069	R-21			*****************		4 3.1-A6	New		
1 See Instructions in the Nonresidential Compliance Manual, page 3-96 2. If Fail, then describe on Page 2 of the Inspection Checklist Form and take appropriate action to correct. A fail does not meet compliance.  FENESTRATION SURFACE DETAILS  Fenestration Type   79	Door	20	(N)	0.500	Insul					4.5 1-A3	New			
2. If Fail, then describe on Page 2 of the Inspection Checklist Form and take appropriate action to correct. A fail does not most compliance.  FENESTRATION SURFACE DETAILS  Fenestration Type  Fenestratio	80	Wall	320	(E)	0.069	R-21					4.3.1-A6	New		C
	4,	September   Marie   Marie		sse	all									
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	TIFICATE OF C FIELD INSPEC				СН	ECKLI	ST	(	rart	1 of 3)		ENV-	10
Project N	lame	- 4 -25 - 6 - 10	<del></del>					**************************************	************	***************************************	I	Date 1/5/20	240
Project A	School Building A					Climate Zo			Total	Cond Floor	Area   Adr	1/5/20 dition Floo	
	ersfield					Omnaio 20	13		10.0	34,002	wa ma	n/a	71100
GENER	AL INFORMATION								h		····		***********
Building	Type:	☑ Nonre	sident	al		☐ High	-Rise Re	sidential		Hotel/Mc	itel Gues	t Room	
		n Reloca	itable	Public 9	School	Ø C	onditioned	d Spaces		□ U	nconditio	ned Spac	es
☐ Sky	rlight Area for Large Encl	osed Spac	e ≥ 80	00 ft <sup>2</sup> (1	f checi	ked include	the ENV	-4C with	submit	tal)			
Phase c	of Construction.	Mew C	onstru	ection		☐ Add	ition			Alteration	n		
Approac	ch of Compliance:	Compo	onent			🛛 Ove	rall Envel	ope		Uncondit	tioned (fil	e affidavi	t)
Front O	rientation N, E, S, W or i			0 deg								***************************************	
		FIEL	D IN	SPEC	TIO	VENER	GY CH	ECKL	ST			Out and the second of the seco	OBOGENIA ORIENTO
OPAQU	E SURFACE DETAILS	<del></del>	,		INSU	LATION	***************************************	·	,		~~~	oranico printe vinicia	700
Th		Area (ft²)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R- Value	Exterior Furring <sup>3</sup>	Interior R- Value	Interior Furring <sup>3</sup>	Joint Appendix 4	Condition	Pass	Fail
Tag/ID 81	Assembly Type Slab	411	(N)	0.730	ļ	<del> </del>				4.4.7-A1	New		
82	Roof	855		0.730	<del>}</del>	<del></del>				4.2 1-A20	New		
83	Wall	416		0 113	<del>}</del>	<del></del>	Wood			4,3 5-A9	New		
84	Wall	456		0.113	<del> </del>					4 3.5-A9	New		
85	Door	20		0.500	<del> </del>					4 5.1-A3	New	0	
86	Wall	448		0 069	ļ					4.3.1-A6	New		
87	Slab	855	(N)	0 730	Nor	ie				4.4.7-A1	New		
88	Roof	1,498	(N)	0.031	R-3	80				4.2.1-A20	New		
89	Wall	192	(E)	0 069	R-2	21				4.3 1-A6	New		
90	Wall	386	(S)	0.113	Nor	e 10.0	Wood			4.3.5~A9	New		
2. If Fail,	structions in the Nonresiden then describe on Page 2 of TRATION SURFACE	the Inspection	on Che	inual, pa cklist Fo	ge 3-96 rm and	take approp	nate action	to correc	t. A fail	does not me	et compli	ance,	T
Tag/II		Fenestration Type		Area (#²)		Max U-Factor	U-Factor Source	Max (R)SHGC	SHGC		Conditions Status		Fail
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	TIFICATE OF C FIELD INSPEC				СНЕ	CKI	ST	(	rail	1 of 3)		ENV.	- 1
Project N	Jame		or 8 '41 Man			~ ~ 1 ~ 5 1	······································		<del></del>	**********************	1 -	ale	
	School Building A	~~~~~~							7-7-1-1	Owner Eterna		1/5/20	
Project A	address ersfield				•	Climate Zo	пе 13		lotal	Cond. Floor <i>F</i> 34,002	Area   Additi	on Floo <i>n/a</i>	r F
	AL INFORMATION			haltiniania sirees					**************************************				
Building		Zi Nonre	sident	ial		☐ High	n-Rise Re	sidential		Hotel/Mo	tel Guest F	Room	MICH OF
			table	Public 8	School		onditione	**********		<b>[]</b> 116	nconditione	d Spac	
	ylight Area for Large Encl	Blag.		00 02 0									
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				uction		☐ Add	rall Envel	lana		Uncondit		affedov	
	rientation: N, E. S, W or II	Comp	~	A .1.	T	M OVE	Han Enver	ohe		Oncondi	Joned (me	anidavi	
FION O	Hemanon, N. E. S. W OF I			0 deg	TION	ENED	GY CH	ECKI	CT				
OPAOL	IE SURFACE DETAILS	FIEL	D III	SPEC	*********	ATION	GICH	IEUNL	101	·		-	
OI MOO	A SOM AGE DETAILS		-		MOUL	ATION	T	***************************************	**************************************	<u></u>	T	T	Т
Tag/ID	Assembly Type	Area (ft²)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R- Vafue	Exterior Furring <sup>3</sup>	Interior R- Value	Interior Furring <sup>3</sup>	Joint Appendix 4	Condition	Pass	
91	Slab	1,498	(N)	0.730	None	,	<del> </del>		<u> </u>	4.4.7-A1	New		t
92	Roof	642	(N)	0 031	R-30	<del> </del>	<del> </del>		<u> </u>	4.2 1-A20	New		T
93	Wall	214	(E)	0.069	R-21				<b></b>	4.3.1-A6	New		T
94	Slab	642	(N)	0 730	None	,				4 4.7-A1	New		T
95	Roof	642	(N)	0.031	R-30					4.2.1-A20	New		Ī
96	Wall	448	(E)	0.069	R-21	1				4.3.1-A6	New		I
97	Daor	32	(E)	0.500	None					4.5 1-A4	New		I
98	Slab	2,247	(N)	0.730	None					4.4.7-A1	New	0	L
v												<u> </u>	L
					<u> </u>		<u> </u>		<u> </u>	<u> </u>			l
	then describe on Page 2 of 6 TRATION SURFACE Fenestratio Type	DETAILS	T		Orientation N, E, S, W	Max U-Factor	U-Factor Source	Max (R)SHGC	SHGC		Conditions Status	Pass	
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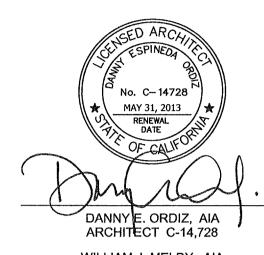




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ARCHITECTS, INC.

5500 MING AVENUE SUITE 280 BAKERSFIELD, CALIFORNIA 93309 TELEPHONE (661) 832-5258 **FACSIMILE** (661) 832-4291



WILLIAM J. MELBY, AIA ARCHITECT C-16,835 

IDENTIFICATION STAMP
DIVISION OF STATE ARCHITECT OFFICE OF REGULATION SERVICES APPL. #:02-112027 FILE #: 15-6

PTN # 63321-112

**NEW ELEMENTARY** SCHOOL 9801 HIGHLAND KNOLLS DR BAKERSFIELD CALIFORNIA 93306

NEW MIDDLE SCHOOL 4115 VINELAND ROAD BAKERSFIELD CALIFORNIA

FOR:

BAKERSFIELD CITY 1300 BAKER STREET BAKERSFIELD CALIFORNIA

93305

MARK	DATE	DESCRIPTION
$\triangle$		

JOB NUMBER: 200101244

DRAWN BY CHECKED BY: MB

CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK.
REPORT DISCREPANCIES TO THE ARCHITECT.

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SHEET TITLE TITLE 24 **BUILDING "A"** 

SHEET IDENTIFICATION NUMBER M-513