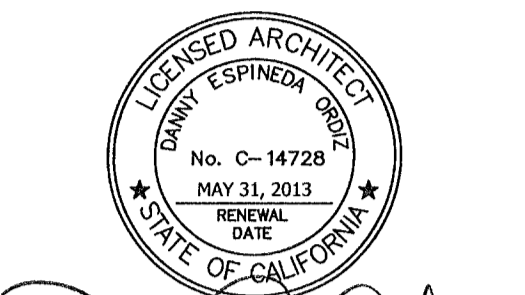


**ORDIZ MELBY**  
ARCHITECTS, INC.

5500 MING AVENUE SUITE 280  
BAKERSFIELD, CALIFORNIA 93309  
TELEPHONE (661) 832-6258  
FACSIMILE (661) 832-4291



DANNY E. ORDIZ, AIA  
ARCHITECT C-16-035

IDENTIFICATION STAMP  
OFFICE OF REGULATION SERVICES

APPL. #02-112027  
FILE # 15-6  
JAN 2 0 2012

PTN # 6321-112

NEW ELEMENTARY  
SCHOOL  
9801 HIGHLAND KNOLLS DR  
BAKERSFIELD  
CALIFORNIA  
93306

FOR:  
BAKERSFIELD CITY  
SCHOOL DISTRICT  
1300 BAKER STREET  
BAKERSFIELD  
CALIFORNIA  
93305

MARK	DATE	DESCRIPTION
△		
△		
△		

20101244  
CAD DRAWING FILE

DRAWN BY  
KW  
CHECKED BY  
MB

APPROVED  
DIVISION OF STATE ARCHITECT  
HIGH PERFORMANCE SECTION  
APP. # DATE 1-18-12

ORDIZ-MELBY ARCHITECTS, INC. 2010

SHEET TITLE

TITLE 24  
BUILDING "A"

SHEET IDENTIFICATION NUMBER

M-513

**CERTIFICATE OF COMPLIANCE AND FIELD INSPECTION ENERGY CHECKLIST** (Part 1 of 3) ENV-1C

Project Name: BCSD School Building A  
Project Address: Bakersfield  
Climate Zone: 13  
Total Gross Floor Area: 34,002  
Addition Floor Area: n/a  
Date: 1/5/2012

**GENERAL INFORMATION**

Building Type:  Nonresidential  High-Rise Residential  Hotel/Motel Guest Room  
 Schools (Public School)  Recreational Public School  Conditioned Spaces  Unconditioned Spaces  
 Skylight Area for Large Enclosed Space > 8000 ft<sup>2</sup> (if checked include the ENV-4C with submittal)

Phase of Construction:  New Construction  Addition  Alteration  
 Approach of Compliance:  Component  Overall Envelope  Unconditioned (file affidavit)  
 Front Orientation: N, E, S, W or in Degrees: 0 deg

**FIELD INSPECTION ENERGY CHECKLIST**

**OPAQUE SURFACE DETAILS**

TagID	Assembly Type	Area (ft <sup>2</sup> )	Orientation	U-Value	Shading	Emittance	Insulation	Notes	Pass	Fail
1	Roof	0.34	0	0.037	R-36			4.2-1.420	New	<input type="checkbox"/>
2	Wall	846	(S)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
3	Wall	205	(E)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
4	Wall	720	(W)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
5	Wall	1,038	(N)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
6	Door	50	(N)	0.500	None			4.5-1.420	New	<input type="checkbox"/>
7	Wall	395	(E)	0.060	R-21			4.3-2.4	New	<input type="checkbox"/>
8	Door	50	(E)	0.500	None			4.5-1.420	New	<input type="checkbox"/>
9	Door	3,944	(N)	0.730	None			4.4-7.41	New	<input type="checkbox"/>
10	Roof	182	(N)	0.020	R-20			4.2-1.420	New	<input type="checkbox"/>

**FENESTRATION SURFACE DETAILS**

TagID	Penetration Type	Area (ft <sup>2</sup> )	Orientation	U-Value	Shading	Emittance	Insulation	Notes	Pass	Fail
11	Window	60	(E)	0.250	COG	0.240	COG	0	New	<input type="checkbox"/>
12	Window	20	(E)	0.250	COG	0.240	COG	0	New	<input type="checkbox"/>
13	Window	60	(E)	0.250	COG	0.240	COG	0	New	<input type="checkbox"/>
14	Window	100	(W)	0.240	COG	0.240	COG	0	New	<input type="checkbox"/>
15	Window	60	(W)	0.240	COG	0.240	COG	0	New	<input type="checkbox"/>
16	Window	140	(W)	0.240	COG	0.240	COG	0	New	<input type="checkbox"/>
17	Window	45	(W)	0.250	COG	0.240	COG	0	New	<input type="checkbox"/>
18	Window	140	(W)	0.240	COG	0.240	COG	0	New	<input type="checkbox"/>
19	Window	130	(E)	0.250	COG	0.240	COG	0	New	<input type="checkbox"/>
20	Window	182	(N)	0.220	COG	0.220	COG	0	New	<input type="checkbox"/>

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 full does not meet compliance.

Envelope: S by EnergyStar User Number: 5232 RevCode: 2012-01-011218-10 01-00091 Page 2 of 4

**CERTIFICATE OF COMPLIANCE AND FIELD INSPECTION ENERGY CHECKLIST** (Part 3 of 3) PER-1C

Project Name: BCSD School Building A  
Project Address: Bakersfield  
Climate Zone: 13  
Total Gross Floor Area: 34,002  
Addition Floor Area: n/a  
Date: 1/5/2012

**GENERAL INFORMATION**

Building Type:  Nonresidential  High-Rise Residential  Hotel/Motel Guest Room  
 Schools (Public School)  Recreational Public School  Conditioned Spaces  Unconditioned Spaces  
 Skylight Area for Large Enclosed Space > 8000 ft<sup>2</sup> (if checked include the ENV-4C with submittal)

Phase of Construction:  New Construction  Addition  Alteration  
 Approach of Compliance:  Component  Overall Envelope  Unconditioned (file affidavit)  
 Front Orientation: N, E, S, W or in Degrees: 0 deg

**FIELD INSPECTION ENERGY CHECKLIST**

**OPAQUE SURFACE DETAILS**

TagID	Assembly Type	Area (ft <sup>2</sup> )	Orientation	U-Value	Shading	Emittance	Insulation	Notes	Pass	Fail
1	Roof	0.34	0	0.037	R-36			4.2-1.420	New	<input type="checkbox"/>
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3	Wall	205	(E)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
4	Wall	720	(W)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
5	Wall	1,038	(N)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
6	Door	50	(N)	0.500	None			4.5-1.420	New	<input type="checkbox"/>
7	Wall	395	(E)	0.060	R-21			4.3-2.4	New	<input type="checkbox"/>
8	Door	50	(E)	0.500	None			4.5-1.420	New	<input type="checkbox"/>
9	Door	3,944	(N)	0.730	None			4.4-7.41	New	<input type="checkbox"/>
10	Roof	182	(N)	0.020	R-20			4.2-1.420	New	<input type="checkbox"/>

**FENESTRATION SURFACE DETAILS**

TagID	Penetration Type	Area (ft <sup>2</sup> )	Orientation	U-Value	Shading	Emittance	Insulation	Notes	Pass	Fail
11	Window	60	(E)	0.250	COG	0.240	COG	0	New	<input type="checkbox"/>
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13	Window	60	(E)	0.250	COG	0.240	COG	0	New	<input type="checkbox"/>
14	Window	100	(W)	0.240	COG	0.240	COG	0	New	<input type="checkbox"/>
15	Window	60	(W)	0.240	COG	0.240	COG	0	New	<input type="checkbox"/>
16	Window	140	(W)	0.240	COG	0.240	COG	0	New	<input type="checkbox"/>
17	Window	45	(W)	0.250	COG	0.240	COG	0	New	<input type="checkbox"/>
18	Window	140	(W)	0.240	COG	0.240	COG	0	New	<input type="checkbox"/>
19	Window	130	(E)	0.250	COG	0.240	COG	0	New	<input type="checkbox"/>
20	Window	182	(N)	0.220	COG	0.220	COG	0	New	<input type="checkbox"/>

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Envelope: S by EnergyStar User Number: 5232 RevCode: 2012-01-011218-10 01-00091 Page 3 of 4

**CERTIFICATE OF COMPLIANCE AND FIELD INSPECTION ENERGY CHECKLIST** (Part 3 of 3) PER-1C

Project Name: BCSD School Building A  
Project Address: Bakersfield  
Climate Zone: 13  
Total Gross Floor Area: 34,002  
Addition Floor Area: n/a  
Date: 1/5/2012

**GENERAL INFORMATION**

Building Type:  Nonresidential  High-Rise Residential  Hotel/Motel Guest Room  
 Schools (Public School)  Recreational Public School  Conditioned Spaces  Unconditioned Spaces  
 Skylight Area for Large Enclosed Space > 8000 ft<sup>2</sup> (if checked include the ENV-4C with submittal)

Phase of Construction:  New Construction  Addition  Alteration  
 Approach of Compliance:  Component  Overall Envelope  Unconditioned (file affidavit)  
 Front Orientation: N, E, S, W or in Degrees: 0 deg

**FIELD INSPECTION ENERGY CHECKLIST**

**OPAQUE SURFACE DETAILS**

TagID	Assembly Type	Area (ft <sup>2</sup> )	Orientation	U-Value	Shading	Emittance	Insulation	Notes	Pass	Fail
1	Roof	0.34	0	0.037	R-36			4.2-1.420	New	<input type="checkbox"/>
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3	Wall	205	(E)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
4	Wall	720	(W)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
5	Wall	1,038	(N)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
6	Door	50	(N)	0.500	None			4.5-1.420	New	<input type="checkbox"/>
7	Wall	395	(E)	0.060	R-21			4.3-2.4	New	<input type="checkbox"/>
8	Door	50	(E)	0.500	None			4.5-1.420	New	<input type="checkbox"/>
9	Door	3,944	(N)	0.730	None			4.4-7.41	New	<input type="checkbox"/>
10	Roof	182	(N)	0.020	R-20			4.2-1.420	New	<input type="checkbox"/>

**FENESTRATION SURFACE DETAILS**

TagID	Penetration Type	Area (ft <sup>2</sup> )	Orientation	U-Value	Shading	Emittance	Insulation	Notes	Pass	Fail
11	Window	60	(E)	0.250	COG	0.240	COG	0	New	<input type="checkbox"/>
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13	Window	60	(E)	0.250	COG	0.240	COG	0	New	<input type="checkbox"/>
14	Window	100	(W)	0.240	COG	0.240	COG	0	New	<input type="checkbox"/>
15	Window	60	(W)	0.240	COG	0.240	COG	0	New	<input type="checkbox"/>
16	Window	140	(W)	0.240	COG	0.240	COG	0	New	<input type="checkbox"/>
17	Window	45	(W)	0.250	COG	0.240	COG	0	New	<input type="checkbox"/>
18	Window	140	(W)	0.240	COG	0.240	COG	0	New	<input type="checkbox"/>
19	Window	130	(E)	0.250	COG	0.240	COG	0	New	<input type="checkbox"/>
20	Window	182	(N)	0.220	COG	0.220	COG	0	New	<input type="checkbox"/>

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**CERTIFICATE OF COMPLIANCE AND FIELD INSPECTION ENERGY CHECKLIST** (Part 2 of 3) PER-1C

Project Name: BCSD School Building A  
Project Address: Bakersfield  
Climate Zone: 13  
Total Gross Floor Area: 34,002  
Addition Floor Area: n/a  
Date: 1/5/2012

**GENERAL INFORMATION**

Building Type:  Nonresidential  High-Rise Residential  Hotel/Motel Guest Room  
 Schools (Public School)  Recreational Public School  Conditioned Spaces  Unconditioned Spaces  
 Skylight Area for Large Enclosed Space > 8000 ft<sup>2</sup> (if checked include the ENV-4C with submittal)

Phase of Construction:  New Construction  Addition  Alteration  
 Approach of Compliance:  Component  Overall Envelope  Unconditioned (file affidavit)  
 Front Orientation: N, E, S, W or in Degrees: 0 deg

**FIELD INSPECTION ENERGY CHECKLIST**

**OPAQUE SURFACE DETAILS**

TagID	Assembly Type	Area (ft <sup>2</sup> )	Orientation	U-Value	Shading	Emittance	Insulation	Notes	Pass	Fail
1	Roof	0.34	0	0.037	R-36			4.2-1.420	New	<input type="checkbox"/>
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3	Wall	205	(E)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
4	Wall	720	(W)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
5	Wall	1,038	(N)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
6	Door	50	(N)	0.500	None			4.5-1.420	New	<input type="checkbox"/>
7	Wall	395	(E)	0.060	R-21			4.3-2.4	New	<input type="checkbox"/>
8	Door	50	(E)	0.500	None			4.5-1.420	New	<input type="checkbox"/>
9	Door	3,944	(N)	0.730	None			4.4-7.41	New	<input type="checkbox"/>
10	Roof	182	(N)	0.020	R-20			4.2-1.420	New	<input type="checkbox"/>

**FENESTRATION SURFACE DETAILS**

TagID	Penetration Type	Area (ft <sup>2</sup> )	Orientation	U-Value	Shading	Emittance	Insulation	Notes	Pass	Fail
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15	Window	60	(W)	0.240	COG	0.240	COG	0	New	<input type="checkbox"/>
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18	Window	140	(W)	0.240	COG	0.240	COG	0	New	<input type="checkbox"/>
19	Window	130	(E)	0.250	COG	0.240	COG	0	New	<input type="checkbox"/>
20	Window	182	(N)	0.220	COG	0.220	COG	0	New	<input type="checkbox"/>

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**CERTIFICATE OF COMPLIANCE AND FIELD INSPECTION ENERGY CHECKLIST** (Part 1 of 3) ENV-1C

Project Name: BCSD School Building A  
Project Address: Bakersfield  
Climate Zone: 13  
Total Gross Floor Area: 34,002  
Addition Floor Area: n/a  
Date: 1/5/2012

**GENERAL INFORMATION**

Building Type:  Nonresidential  High-Rise Residential  Hotel/Motel Guest Room  
 Schools (Public School)  Recreational Public School  Conditioned Spaces  Unconditioned Spaces  
 Skylight Area for Large Enclosed Space > 8000 ft<sup>2</sup> (if checked include the ENV-4C with submittal)

Phase of Construction:  New Construction  Addition  Alteration  
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3	Wall	205	(E)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
4	Wall	720	(W)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
5	Wall	1,038	(N)	0.070	None			4.3-2.4	New	<input type="checkbox"/>
6	Door	50	(N)	0.500	None			4.5-1.420	New	<input type="checkbox"/>
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9	Door	3,944	(N)	0.730	None			4.4-7.41	New	<input type="checkbox"/>
10	Roof	182	(N)	0.020	R-20			4.2-1.420	New	