| Interest and complete. Signature Date 1/5/2012 Phone Sign represented in this set of and worksheets, with the specifications, and with posed building has been designed to meet the energy and 140 through 149 of Title 24, Part 6 Please |
|---|
| se Residential |
| se Residential |
| climate zone |
| climate zone |
| Alteration ions needed to ons. This e approach. accurate and complete. Signature Date 1/5/2012 Phone sign represented in this set of and worksheets, with the specifications, and with bosed building has been designed to meet the energy and 140 through 149 of Title 24, Part 6 Please |
| pas. This e approach. accurate and complete. Signature Date 1/5/2012 Phone Sign represented in this set of a rand worksheets, with the specifications, and with posed building has been designed to meet the energy and 140 through 149 of Tritle 24, Part 6 Please |
| pas. This e approach. accurate and complete. Signature Date 1/5/2012 Phone Sign represented in this set of a rand worksheets, with the specifications, and with posed building has been designed to meet the energy and 140 through 149 of Tritle 24, Part 6 Please |
| Signature Pate 1/5/2012 Phone Sign represented in this set of and worksheets, with the specifications, and with bosed building has been designed to meet the energy and 140 through 149 of Title 24, Part 6 Please |
| Pate 1/5/2012 Phone sign represented in this set of and worksheets, with the specifications, and with bosed building has been designed to meet the energy and 140 through 149 of Title 24, Part 6 Please |
| Pate 1/5/2012 Phone sign represented in this set of and worksheets, with the specifications, and with bosed building has been designed to meet the energy and 140 through 149 of Title 24, Part 6 Please |
| Phone Sign represented in this set of and worksheets, with the specifications, and with bosed building has been designed to meet the energy and 140 through 149 of Title 24, Part 6 Please |
| sign represented in this set of and worksheets, with the specifications, and with bosed building has been designed to meet the energy and 140 through 149 of Title 24, Part 6 Please |
| and worksheets, with the specifications, and with cosed building has been designed to meet the energy and 140 through 149 of Title 24, Part 6 Please |
| and worksheets, with the specifications, and with cosed building has been designed to meet the energy and 140 through 149 of Title 24, Part 6 Please |
| s preparation, and that I am licensed in the State of |
| electrical engineer, or I am a licensed architect vision 3 of the Business and Professions Code by section son responsible for its preparation; and that I am a licensec |
| siness and Professions Code to sign this document escribed as exempt pursuant to Business and Professions |
| Signature A. A. |
| |
| |
| (1 1 1 2 C) |
| Phone (661) 832-5258 |
| Signature |
| |
| 1,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1 |
| 112471C |
| (559) 437-0376, ext 3 |
| Signature |
| |
| 1 Data |
| Date |
| License # |
| License # Phone |
| License # Phone box if worksheets are included) |
| License # Phone box if worksheets are included) Certificate of Compliance Required on plans Air/Water Side/Service Hot Water & Pool Requirements Mechanical Ventilation and Reheat |
| License # Phone box if worksheets are included) Certificate of Compliance Required on plans Air/Water Side/Service Hot Water & Pool Requirements |
| |

| De: 53 50 50 50 50 50 50 50 | sqft-yr) posed sign 1.52 76 15 9.54 0 00 40.36 29 03 55 53 0 00 20212.13 40.1 % Condition | | 4.11 57.25 35.83 0.00 0.32 0.00 44.44 0.00 0.00 141.96 | Re Pro | Heating Cooling Fans Heat Rej Pumps DHW Lighting eceptacle Process ocess Ltg | | Date 1/5 |
|--|--|----------|---|--|---|--|--|
| Prop De: 63 60 88 60 82 66 88 83 90 90 90 91 BUIL | 1.52 76 15 9.54 0 00 40.36 29 03 55 53 0 00 0.00 212.13 40.1 % | Mar | 4.11 57.25 35.83 0.00 0.32 0.00 44.44 0.00 0.00 141.96 | Re Pro | Cooling Fans Heat Rej Pumps DHW Lighting coeptacle Process | | |
| Prop De: 63 60 88 60 82 66 88 83 90 90 90 91 BUIL | 1.52 76 15 9.54 0 00 40.36 29 03 55 53 0 00 0.00 212.13 40.1 % | Mar | 4.11 57.25 35.83 0.00 0.32 0.00 44.44 0.00 0.00 141.96 | Re Pro | Cooling Fans Heat Rej Pumps DHW Lighting coeptacle Process | | |
| 88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | 76 15 9.54 0.00 0.00 40.36 29.03 55.53 0.00 0.00 212.13 40.1 % | | 57.25 35 83 0.00 0.32 0 00 44.44 0.00 0.00 0.00 141.96 | Re Pro | Cooling Fans Heat Rej Pumps DHW Lighting coeptacle Process | | |
| 88 000 32 32 33 30 30 30 3 | 9.54 0.00 0.00 40.36 29.03 55.53 0.00 0.00 212.13 40.1 % | | 35 83 0.00 0.32 0 00 44.44 0.00 0.00 0.00 141.96 | Re Pro | Fans Heat Rej Pumps DHW Lighting cceptacle Process ccess Ltg | | |
| 80 32 36 38 38 39 39 39 39 39 30 30 30 | 0 00 0 00 40.36 29 03 55 53 0 00 0.00 212.13 40.1 % | | 0.00 0.32 0.00 44.44 0.00 0.00 0.00 141.96 | Re Pro | Heat Rej Pumps DHW Lighting eceptacle Process ocess Ltg | | |
| 32 36 38 33 30 30 30 30 8 8 8 8 8 8 8 8 8 8 8 | 0 00 40.36 29 03 55 53 0 00 2.00 212.13 40.1 % | | 0.32 0 00 44.44 0.00 0.00 0.00 141.96 | Re Pro | Pumps DHW Lighting eceptacle Process ocess Ltg | | |
| 86 88 83 83 84 84 84 84 84 | 40.36 29.03 55.53 0.00 0.00 212.13 40.1 % | | 0 00 44.44 0.00 0.00 0.00 141.96 | Pro ling pr | DHW Lighting eceptacle Process ocess Ltg | | |
| 88 33 00 00 99 BUIL | 29 03 55 53 0 00 0.00 212.13 40.1 % | | 0.00 0.00 0.00 141,96 | Pro ling pr | Lighting eceptacle Process ocess Ltg | | |
| 83 100 1 | 55 53 0 00 0.00 212.13 40.1 % | | 0.00 0.00 0.00 141.96 1 % exclud | Pro ling pr | Process poess Ltg | | |
| BUIL | 0 00 0.00 212.13 40.1 % | | 0.00 0.00 141,96 I % exclud | Pro ling pr | Process ocess Ltg | | 22 |
| BUIL | 0.00 212.13 40.1 % | | 0.00 141.96 I % exclud | ling pr | cess Ltg | | |
| BUIL | 212.13 40.1 % LDING | | 141,96 1 % exclud | ling pr | - [| | |
| BUIL | 40.1 % LDING | | / % exclud | | ocess) | | |
| | LDING | | | | ocess) | | |
| | | | | | | | |
| | | | | - | | | |
| | Condition | | | | | | |
| | Condition | | | | | | |
| | | | | | | 8,36 | |
| | Uncondit | | | | | | o sqtt. |
| | Condition | | • | | | 8,36 | |
| | Natural C | as Avai | ilable On | Site | | Ye | 3 5] |
| ation | Gross A | Area | | Gla | zing Area | | Glazing Ra |
|) | | 1,888 | saft. | | 225 | sqft | 1 |
| , | | 840 | saft. | | | -{ ' } | |
| | | | | | 225 | - | 1 |
|) | *************************************** | | | | | -i - i | |
| · | - | | ' | | | -1 1 | |
| | | 8,360 | sqft. | | | 1 . 1 | |
| | | | | | | | |
| Standa | ard | | Prop | osed | | | |
| | 1.189 W | //sqft. | | | 70 W/sqft. | | riptive Values arison only. |
| 2 | | • | | 164,5 | | | C for allowed |
| | *************************************** | | | | | | |
| | | | | | | | |
| | Standa | Standard | 840 2,008 720 5,456 8,360 Standard 1.189 W/sqft. | 840 sqft. 2,008 sqft. 720 sqft. 5,456 sqft. 8,360 sqft. Standard Prop 1,189 W/sqft. | 840 sqft. 2,008 sqft. 720 sqft. 6,456 sqft. 8,360 sqft. Standard Proposed 1.189 W/sqft. 04 | 840 sqft. 0 2,008 sqft. 225 720 sqft. 0 5,456 sqft. 450 8,360 sqft. 96 Standard Proposed 1.189 W/sqft. 0 470 W/sqft. | 840 sqft. 0 sqft. 2,008 sqft. 225 sqft. 720 sqft. 0 sqft. 5,456 sqft. 450 sqft. 8,360 sqft. 96 sqft. Standard Proposed Presc 1,189 W/sqft. 0 470 W/sqft. Presc |

| 2012 BCSD School Bid E Classrooms | PERFORMAN Project Name | ICE CERTIFICA | TE OF COMPLIAN | CE | <u>(</u> f | Part 3 | of 3) | PER Date | F-10 |
|--|--|--|---|-------------|----------------|---|---------------------|--|----------|
| System Name Zone Name Cocupancy Type (eqft) (wish) Classroom 100 Classroom, Lecture, Training Classroom 101 Classroom 102 Classroom, Lecture, Training Classroom 102 Classroom, Lecture, Training Classroom, Lecture, Training Classroom 103 Classroom, Lecture, Training Classroom, Lecture, Training Classroom 104 Classroom 105 Classroom, Lecture, Training Classroom, Lecture, Training Classroom 106 Classroom 107 Classroom 108 Classroom, Lecture, Training Classroom 109 Classroom, Lecture, Training Classroom 109 Classroom, Lecture, Training Classroom, Lecture, Training Classroom 106 Classroom, Lecture, Training Classroom 107 Classroom, Lecture, Training Classroom, Lecture, Training Classroom 107 Classroom, Lecture, Training Classroom 108 Classroom, Lecture, Training Classroom 109 Classroom, Lecture, Training Classroom, Lecture, Train | • | E Classrooms | | | | | | 1/5 | /2012 |
| System Name Zone Name Cocupancy Type (egft) (Mish) (Mish | ZONE INFORMATION | N | | | | | | | Y |
| System Name | | | | | | | | | Proc |
| Classroom 101 Classroom, Lecture, Training 963 '0.470 Classroom 102 Classroom, Lecture, Training 963 '0.470 Classroom 103 Classroom, Lecture, Training 963 '0.470 Classroom 108 Classroom, Lecture, Training 240 '0.470 Classroom 108 Classroom, Lecture, Training 240 '0.470 Classroom 108 Classroom, Lecture, Training 963 '0.470 Classroom 105 Classroom, Lecture, Training 963 '0.470 Classroom 106 Classroom, Lecture, Training 963 '0.470 Classroom 106 Classroom, Lecture, Training 963 '0.470 Classroom 107 Classroom, Lecture, Training 963 '0.470 Classroom 107 Classroom, Lecture, Training 963 '0.470 Classroom 108 Classroom, Lecture, Training 963 '0.470 Classroom 109 Classroom, Lecture, Training 963 '0.470 Classroom, Lecture, Training 963 '0.470 Classroo | System Name | Zone Name | Occupancy Type | | | | (W/sf) ³ | | (W/s |
| Classroom 102 Classroom, Lecture, Trailing 963 '0 470 Classroom 103 Classroom, Lecture, Trailing 963 '0 470 Work Room 108 Classroom, Lecture, Trailing 963 '0 470 HP E-2 Classroom 104 Classroom, Lecture, Trailing 963 '0 470 Classroom 105 Classroom, Lecture, Trailing 963 '0 470 Classroom 106 Classroom, Lecture, Trailing 963 '0 470 Classroom 107 Classroom 107 Classroom, Lecture, Trailing 963 '0 470 Classroom 108 Classroom, Lecture, Trailing 963 '0 470 Classroom 109 Classroom, Lecture, Trailing 963 '0 470 Work Room 109 Classroom, Lecture, Trailing 963 '0 470 Cluffe e-1, 2 Electrical Rooms Electrical, Machanical Room 176 '0 470 Cluffe e-1, 2 Electrical Rooms Electrical, Machanical Room 176 '0 470 Notes: 1 See LTG-10 (by others) EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST The local enforcement agency should pay special attention to the latents special enforcement agency of the justifications, and may reject a building or design that otherwise complies based on the adequacy of the justification and and specimentalics on stormitics. The HVAC System HP E-1 includes Demand Control Vanitation per Standards Socion 121. The HVAC System HP E-2 includes Demand Control Vanitation are Standards Socion 121. The HVAC System HP E-1 includes Demand Control Vanitations are Standards Socion 121. The HVAC System PUHY-P192 Run as Standard Heat Pump includes a Vanable Speed Director the Feather Standard Socion 121. The HVAC System PUHY-P192 Run as Standard Heat Pump includes a Vanable Speed Director the Feather Standard Socion 121. The HVAC System PUHY-P192 Run as Standard Heat Pump includes a Vanable Speed Director the Feather Standard Socion 121. The sexceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation, the theory will be the second and belief by the Cool Roof Rating Council in the sexceptional features listed in this performance approach application have specifically been reviewed. Adequate written justificati | HP E-1 | Classroom 100 | Classroom, Lecture, Training | 963 | *0 470 | | | | |
| Classroom 103 Classroom, Lecture, Training 963 '0.470 Work Room 108 Classroom, Lecture, Training 240 '0.470 Classroom 104 Classroom, Lecture, Training 963 '0.470 Classroom 105 Classroom, Lecture, Training 963 '0.470 Classroom 106 Classroom, Lecture, Training 963 '0.470 Classroom 107 Classroom, Lecture, Training 963 '0.470 Classroom 107 Classroom, Lecture, Training 963 '0.470 Work Room 109 Classroom, Lecture, Training 963 '0.470 CUIFC e-1, 2 Electrical Rooms Electrical, Mechanical Room 176 '0.470 CUIFC e-1, 2 Electrical Rooms Electrical, Mechanical Room 176 '0.470 Notes: I See 176 (C) Items above require special documentation with the see 176 (by others) The local enforcement agency should pay special altending to the latens specified in this checklist. These items require special written justification, and documentation, and special verification to be used with the performance approach, The local enforcement agency determines the adequacy of the justifications, and may reject a building or design that otherwise compiles based on the adequacy of the special lucification and documentation submitted. The HVAC System PIP E-1 includes Demand Control Vanitielion per Standards Section 121. The HVAC System PIP E-2 includes Demand Control Vanitielion per Standards Section 121. The HVAC System PIP E-2 includes Demand Control Vanitielion per Standards Section 121. The HVAC System PIP E-2 includes Demand Control Vanitielion per Standards Section 121. The HVAC System PIP E-2 includes Demand Control Vanitielion per Standards Section 121. The HVAC System PIP E-2 includes Demand Control Vanitielion per Standards Section 121. The sexceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant. Authorized Signature or Stamp_ | | Classroom 101 | Classroom, Lecture, Training | 963 | ^0 4 70 | | | | |
| Work Room 108 Classroom, Lecture, Training 240 *0.470 Classroom 104 Classroom, Lecture, Training 963 *0.470 Classroom 105 Classroom, Lecture, Training 963 *0.470 Classroom 105 Classroom, Lecture, Training 963 *0.470 Classroom 107 Classroom, Lecture, Training 963 *0.470 Classroom 107 Classroom, Lecture, Training 963 *0.470 Classroom 109 Classroom, Lecture, Training 963 *0.470 Classroom 109 Classroom, Lecture, Training 963 *0.470 Classroom, Lec | | Classroom 102 | Classroom, Lecture, Training | 963 | *0 470 | | | | |
| Classroom 104 Classroom, Lecture, Training 963 '0.470 Classroom 105 Classroom, Lecture, Training 963 '0.470 Classroom 106 Classroom, Lecture, Training 963 '0.470 Classroom 107 Classroom, Lecture, Training 963 '0.470 Classroom 107 Classroom, Lecture, Training 963 '0.470 Classroom 109 Classroom, Lecture, Training 963 '0.470 Classroom, Lecture, Training 963 Classroom, Lecture, Training 963 '0.470 Classroom, P. 970 Classroom, Lecture, Training 963 '0.470 Classroom, Lecture, Train | | Classroom 103 | Classroom, Lecture, Training | 963 | *0.470 | | | | |
| Classroom 105 Classroom, Lecture, Training 963 * 0.470 Classroom 106 Classroom, Lecture, Training 963 * 0.470 Classroom 107 Classroom, Lecture, Training 963 * 0.470 Classroom 107 Classroom, Lecture, Training 963 * 0.470 Classroom 107 Classroom, Lecture, Training 963 * 0.470 Classroom 108 Classroom, Lecture, Training 240 * 0.470 Classroom, Lecture, Training 240 Classroom, Lecture, Training 240 * 0.470 Classroom, Lecture, Training 240 Classroom, Lecture, | | Work Room 108 | Classroom, Lecture, Training | 240 | *0.470 | | | | ļ |
| Classroom 106 Classroom, Lecture, Trawing 963 *0.470 | HP E-2 | Classroom 104 | Classroom, Lecture, Training | 963 | *0.470 | | | | |
| Classroom 107 Classroom, Lecture, Training 983 *0 470 | | Classroom 105 | Classroom, Lecture, Training | 963 | *0 470 | | | | |
| Work Room 109 Classroom, Lecture, Training 240 10.470 Electrical Rooms Electrical, Mechanical Room 176 10.470 Notes: I See LTG-1C (by others) Electrical Rooms I See LTG-1C (by others) Electrical Rooms I See LTG-1C (by others) Electrical Rooms I See LTG-1C (by others) Exceptional Conditions and documentation, and special verification to the items specified in this checklist. These items require special written justification and documentation, and special verification to the items specified in this checklist. These items require special written justification and documentation, and special verification to the items specified in this checklist. These items require special written justification and documentation, and special verification to the items specified in this checklist. These items require special written justification and documentation, and special verification to the items specified in this checklist. These items require special written justification and documentation, and special verification to the items specified in this checklist. These items require special written justification and documentation, and special verification to the items specified in this checklist. These items require special written justification and documentation and documentation submitted. The HVAC System HPE -1 calcudes Demand Control Ventilation per Standards Section 121. The HVAC System HPE -2 includes Demand Control Ventilation per Standards Section 121. The HVAC System PLHY-P192 Run as Standard Heat Pump includes a Variable Speed Drivo on the Fan The Roof R-0 Roof Calhedral wR-30 Sama Thorm Reflectance = 0.72, Emittance = 0.90 shell be rated and labeled by the Cool Roof Rating Council in this performance approach applicant. Authorized Signature or Stamp | | Classroom 106 | Classroom, Lecture, Training | 963 | * 0.470 | | | | |
| Roles: I See LTG-IC (literal state). See LTG-IC by others) Notes: I See LTG-IC (literal state). See LTG-IC by others) Part Bool of Information and documentation, and special verification to the items specified in this checklist. These items require special written justification and documentation, and special verification to the items specified in this checklist. These items require special written justification and documentation, and special verification to the items specified in this checklist. These items require special written justification and documentation, and special verification to the items specified in this checklist. These items require special written justification and documentation, and special verification to the items specified in this checklist. These items require special written justification and documentation, and special verification to the items specified in this checklist. These items require special written justification and documentation submitted. The HVAC System HP E-1 includes Demend Control Ventilation per Standards Section 121. The HVAC System PLHY-P192 Run as Standard Heat Pump includes a Vanable Speed Driva on the Fan The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emittance = 0.99 shall be rated and labeled by the Cool Roof Rating Council in The exceptional features listed in this performance approach applicant. Authorized Signature or Stamp | | Classroom 107 | Classroom, Lecture, Training | 963 | *0 470 | | | | |
| Notes: I See LTG-IC (by others) Notes: I See LTG-IC (by others) Notes: I See LTG-IC (by others) EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justifications, and may reject a building or design that otherwise compiles based on the adequacy of the special justification and documentation submitted. The HVAC System HP E-1 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-1 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-1 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-1 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Vanitation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Vanitation per Standards S | | Work Room 109 | Classroom, Lecture, Training | 240 | *0 470 | | | | |
| EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justifications, and may reject a building or design that otherwise compiles based on the adequacy of the special justification and documentation submitted. The HVAC System HP E-1 includes Demand Control Ventilation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Ventilation per Standards Section 121. The HVAC System PUHY-P192 Run as Standard Heat Pump includes a Variable Speed Drivo on the Fan The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The exceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant. Authorized Signature or Stamp | CU/FC e-1, 2 | Electrical Rooms | Electrical, Mechanical Room | 176 | *0,470 | | | | |
| titems marked with asterick, see LTG-1-G by others) EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justifications, and may reject a building or design that otherwise compiles based on the adequacy of the special justification and documentation submitted. The HVAC System HP E-1 includes Demand Control Ventilation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Ventilation per Standards Section 121. The HVAC System PUHY-P192 Run as Standard Heat Pump includes a Variable Speed Drivo on the Fan The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emittance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in Reflectance = 0.72, Emittance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant. Authorized Signature or Stamp | | | | | | | | | |
| EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justifications, and may reject a building or design that otherwise compiles based on the adequacy of the special justification and documentation submitted. The HVAC System HP E-1 includes Demand Control Ventilation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Ventilation per Standards Section 121. The HVAC System PUHY-P192 Run as Standard Heat Pump includes a Variable Speed Drivo on the Fan The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The exceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant. Authorized Signature or Stamp | | | | | | | | | |
| items marked with asterask, see LTG-1-C by others) EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justifications, and may reject a building or design that otherwise compiles based on the adequacy of the special justification and documentation submitted. The HVAC System HP E-1 includes Demand Control Ventilation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Ventilation per Standards Section 121. The HVAC System PUHY-P192 Run as Standard Heat Pump includes a Variable Speed Drivo on the Fan The Roof R-0 Roof Cathedral w/R-30 Sama Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The Roof R-0 Roof Cathedral w/R-30 Sama Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The exceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant. Authorized Signature or Stamp | | | | | | | | | |
| items marked with asterask, see LTG-1-C by others) EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justifications, and may reject a building or design that otherwise compiles based on the adequacy of the special justification and documentation submitted. The HVAC System HP E-1 includes Demand Control Ventilation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Ventilation per Standards Section 121. The HVAC System PUHY-P192 Run as Standard Heat Pump includes a Variable Speed Drivo on the Fan The Roof R-0 Roof Cathedral w/R-30 Sama Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The Roof R-0 Roof Cathedral w/R-30 Sama Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The exceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant. Authorized Signature or Stamp | | | | | | | | | |
| EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justifications, and may reject a building or design that otherwise compiles based on the adequacy of the special justification and documentation submitted. The HVAC System HP E-1 includes Demand Control Ventilation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Ventilation per Standards Section 121. The HVAC System PUHY-P192 Run as Standard Heat Pump includes a Variable Speed Drivo on the Fan The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The exceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant. Authorized Signature or Stamp | | | | | | | | | |
| EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justifications, and may reject a building or design that otherwise compiles based on the adequacy of the special justification and documentation submitted. The HVAC System HP E-1 includes Demand Control Ventilation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Ventilation per Standards Section 121. The HVAC System PUHY-P192 Run as Standard Heat Pump includes a Variable Speed Drivo on the Fan The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The exceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant. Authorized Signature or Stamp | | | | | | | | | |
| EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justifications, and may reject a building or design that otherwise compiles based on the adequacy of the special justification and documentation submitted. The HVAC System HP E-1 includes Demand Control Ventilation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Ventilation per Standards Section 121. The HVAC System PUHY-P192 Run as Standard Heat Pump includes a Variable Speed Drivo on the Fan The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The exceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant. Authorized Signature or Stamp | | | | | | | | | |
| EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justifications, and may reject a building or design that otherwise compiles based on the adequacy of the special justification and documentation submitted. The HVAC System HP E-1 includes Demand Control Ventilation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Ventilation per Standards Section 121. The HVAC System PUHY-P192 Run as Standard Heat Pump includes a Variable Speed Drivo on the Fan The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in The exceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant. Authorized Signature or Stamp | | | | | | | | | |
| tiens marked with asterask, see LTG-1-C by others) EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justifications, and may reject a building or design that otherwise compiles based on the adequacy of the special justification and documentation submitted. The HVAC System HP E-1 includes Demand Control Ventilation per Standards Section 121. The HVAC System HP E-2 includes Demand Control Ventilation per Standards Section 121. The HVAC System PUHY-P192 Run as Standard Heat Pump includes a Variable Speed Drivo on the Fen The Roof R-0 Roof Cathedral w/R-30 Sama Thorm Reflectance = 0.72, Emittance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in the Roof R-0 Roof Cathedral w/R-30 Sama Thorm Reflectance = 0.72, Emittance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in the exceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant. Authorized Signature or Stamp | | | | · | | | | | |
| The local enforcement agency should pay special attention to the Items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justifications, and may reject a building or design that otherwise compiles based on the adequacy of the special justification and documentation submitted. The HVAC System FIP E-1 includes Demand Control Ventilation per Standards Section 121. The HVAC System FIP E-2 includes Demand Control Ventilation per Standards Section 121. The HVAC System PUHY-P192 Run as Standard Heat Pump includes a Variable Speed Drivo on the Fan The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emilitance = 0.90 shall be rated and labeled by the Cool Roof Reling Council in Roof R-0 Roof Cathedral with the Cool Roof Reling Council in the Roof R-0 Roof Reling Items in the Roof R-0 Roof Reling Council in Relication in the Roof R-0 Roof Reling Items in the Roof Reling Item | | wasah asa LTC (Chu athara) | | 4 See | LTG-4C | Items at | ove require s | ресізі досилів | rtation |
| The Roof R-0 Roof Cathedral w/R-30 Sarna Thorm Reflectance = 0.72, Emittance = 0.90 shall be rated and labeled by the Cool Roof Rating Council in Roof Rating Co | justification and docum determines the adequac special justification and The HVAC System HP E- The HVAC System HP E- | entation, and special verific ry of the justifications, and documentation submitted. I includes Demand Control V Q includes Demand Control V | ation to be used with the performay reject a building or design entilation per Standards Section entilation per Standards Section | that other | erwise con | l'he local e | nforcement | agency | |
| documentation for their use have been provided by the applicant. Authorized Signature or Stamp | | | | | | abeled by t | he Caol Roo | of Raling Co. | ıncıl in |
| documentation for their use have been provided by the applicant. Authorized Signature or Stamp | | | | | | | | | |
| documentation for their use have been provided by the applicant. Authorized Signature or Stamp | 11.10 | | | | | | | | |
| documentation for their use have been provided by the applicant. Authorized Signature or Stamp | | | | | | *************************************** | | ······································ | |
| documentation for their use have been provided by the applicant. Authorized Signature or Stamp | | | | | | | | | |
| EnergyPro 5 1 by EnergySoft User Number. 5232 RunCode: 2012-01-05T13:22: 56 ID 09091 Page 4 of 2 | documentation for their | use have been provided by | approach application have spe the applicant. | eifically l | been revie | wed. Adegi | iațe writter | justificatio | n and |
| | | | | | | | | | |

| | TIFICATE OF (| | | | | CHE | CKLI | ST | (| Part 1 | of 3 |) | ENV | ~] ! |
|--|--|----------|-----------------|---------------------------|-------------------------------------|------------------------------|--|----------------------------------|----------------------|----------------------|---------------------|----------------------|---------------|-------|
| Project N | | | | | | W 1 1 2 | | | | | | 1 | Date 1/5/2 | |
| Project A | | 5700 | ,,,,, | | | | Climate Zo | one | | Total Co | nd Floor | r Area Addi | tion Floo | |
| | ersfield | | | | | | | 13 | | 8 | 3,360 | | n/a | |
| GENEF | RAL INFORMATION | | | | | | | | | | | | ····· | |
| Building | Type: | 团 | Nonre | | | 0.1 | ☐ Hìg | h-Rise Re | sidential | | Hotel/N | fotel Guest | Room | |
| ☐ Sci | hools (Public School) | | Heloca Bldg. | nable | Public | School | Ø C | onditione | d Spaces | | | Uncondition | ed Spa | ces |
| □ Sk | ylight Area for Large En | clos | ed Spac | e ≥ 80 | 00 ft ² (1 | f checke | d include | the ENV | -4C with | submittal |) | | | |
| Phase o | of Construction. | [2] | New C | onstr | uction | | ☐ Ado | iition | | | Alterati | on | | |
| Approac | ch of Compliance. | | Compo | onent | ., , | | ☑ Ove | rall Envel | lope | | Uncond | ditioned (file | affidav | 1) |
| Front O | rientation: N, E, S, W o | r ın E | Degrees | T | 0 deg |] | | | | | | | | |
| | | | FIEL | DIN | SPEC | TION | ENER | GY CH | ECKLI | ST | | | *********** | |
| OPAQL | JE SURFACE DETAILS | 3 | | | | | ATION | | | | | | *********** | ***** |
| | | | | - | | 1 | | 1 | | | 4 | | | Γ |
| | | | Area (It²) | Orientation N, E, S, W | U-Factor | Cavity R-Value | Exterior R- Value | Exterior Furring ³ | interior R- Value | interior Furring³ | Joint Appendix 4 | Condition Status | Pass | 9 |
| Tag/ID | Assembly Type Roof | | | | | | | 1 | | | 2 2-A1 | New | | - |
| <u>′</u> 2 | Wali | | 951 | (N) | 0 029 | | 30.6 | None | | | 3 1-A6 | New | +5 | 1 |
| 3 | Door | | 334 | (N) | 0 069 | | | | | | 5 1-A3 | New | | 1 |
| 3 4 | Wall | | 42 360 | (N) (W) | 0.069 | | | | | | 3 1-A6 | New | += | - |
| <u>. </u> | Slab | \dashv | 963 | (N) | 0.730 | | | ļ | | | 4.7-A1 | New | | + |
| 6 | Roof | | 951 | (N) | 0 029 | | 30 6 | None | | | 2 2-A1 | New | += | ti |
| 7 | Wall | | 334 | (N) | 0 069 | | | 740770 | | | 3 1-A6 | New | | |
| ช | Door | \dashv | 42 | (N) | 0 500 | | | | | | 5 1-A3 | New | += | † i |
| 9 | Slab | 7 | 963 | (N) | 0.730 | - | | | | | 4 7-A1 | New | | I |
| 10 | Roof | | 951 | (N) | 0 029 | None | 30 6 | None | | 4 | 2.2-A1 | New | | I |
| 2 If Faul, | structions in the Nonreside then describe on Page 2 of TRATION SURFACE | of the | Inspectio | nce Ma on Che | cklist Fo | nm and ta | ke appror | oriate action | n to correct | A fail do | es not m | 7 | асе | |
| Tag/ID | Fenestral Type | tion | | , | Area (ff') | Orlentation N, E, S, W | Max U-Factor | U-Factor Source | Max (R)SHGC | Source | Overhang | Conditions Status | Pass | Enik |
| 1 | Skylight | | | | 12 | (N) | 0 550 | NFRC | 0 200 | NFR | c 🗆 | New | | Ľ |
| | Window | | | Ĺ | 225 | (N) | 0 290 | cog | 0.270 | co | G [2] | New | | נ |
| 3 | Skylight | | | | 12 | (N) | 0 550 | NFRC | 0 200 | NFR | c 🗆 | New | | L |
| | Skylight | | | | 12 | (N) | 0.550 | NFRC | 0.200 | NFR | c 🗅 | New | | L |
| <u> </u> | Skylight | | | | 12 | (Ņ) | 0 550 | NFRC | 0.200 | NFR | c 🗆 | New | | C |
| | Skylight | | | <u> </u> | 12 | (N) | 0.550 | NFRC | 0.200 | NFR | c 🗆 | New | | E |
| } | Window | | | | 225 | (S) | 0.290 | COG | 0 270 | CO | 3 12 0 | New | | τ |
| | | | | | 12 | (N) | 0 550 | NFRC | 0.200 | NFR | | New | | £ |
| | Skylight | | | | | | | | | | 1 | l | | E |
|) | | | | <u> </u> | 12 | (N) | 0 550 | NFRC | 0.200 | NFR | | New | | |
| | Skylight | | | | | (N) (N) | 0 550 0.550 | NFRC NFRC | 0.200 0 200 | NFR(| | New | | [|
| 0 10 1. See Ins | Skylight Skylight Skylight structions in the Nonresido | | | | 12 12 nual, pa | (N) je 3-96. | 0.550 | NFRC | 0 200 | NFR | | New | П | |
| 2 If Fail ti | Skylight Skylight Skylight structions in the Nonreside hen describe on Page 2 of | the I | | Chec | 12 12 nual, par klist Ford | (N) ge 3-96. n and tak | 0.550 e appropr | NFRC | 0 200 to correct. | NFR | | New | П | 2 |

(Part 1 of 3) ENV-1C

| AND | TIFICATE OF C | | | | CH | ECKLI | ST | | | 1 of 3 | · | EN | |
|-------------------|---|---|---------------------------|--|---------------------------|---------------------|---------------------|--|----------------------------------|----------------------|---|------------|-----|
| Project N BCSD | _{lame} School Bid E Classro | าดการ | | | | | | | | | | Date 1/5/ | /2(|
| Project A | Address | | | ······································ | | Clunate Zo | | | lotal | Cond. Floo | r Area A | ddition Fl | 00 |
| | ersfield IAL INFORMATION | | | | | | 13 | | <u> </u> | 8,360 | | n/a | ∄ |
| | | Zi Nonre | sident | ial | | □ Hiah | n-Rise Re | sidential | | Hotel/N | Aotel Gue | st Boom | |
| Building Sch | Typis | | | Public | School | | onditione | | | | Uncondite | | |
| | /light Area for Large Enclo | Blag | 2 2 6 | 100 ft ² f | fobook | | | | | | OHÇONOR | men ob | |
| | | New C | | | 1 011600 | D Add | | | | | IDD | | - |
| | | Comp | | | | | rall Envel | | | | ditioned (f | ile affida | avi |
| - ',.' | rientation: N, E, S, W or in | | | 0 deg | Τ | | | | | | | | |
| | | | | | OIT | VENER | GY CH | FCKL | ST | | | | |
| OPAQU | E SURFACE DETAILS | | | | | LATION | | | | | *************************************** | | - |
| | | | = | | | 1 | | | | 4 | | | |
| | | E E | Orientation N, E, S, W | ğ | a e | lor R | ď, č | Intersor A- Value | P D | Joint Appendix 4 | Condition | S | |
| | | Area (ft [*]) | in in | U-Factor | Cavity R-Value | Exterior F Value | Exterior Furthg³ | nters | Interior Furring ³ | aint | Pag : | Staff | 000 |
| Tag/ID | Assembly Type | | | | | | 111 12. | | | | ······································ | | |
| 11 | Wall | 334 | (N) | 0.060 | 1 | | | | | 4.3 1-A6 | New | | _ |
| 12 13 | Door Slab | 963 | (N) (N) | 0,500 | +-" • | | | | | 4.5.1-A3 4.4 7-A1 | New New | | |
| 14 | Roof | 951 | (N) | 0 029 | | | None | | | 4 2 2-A1 | New | | |
| <u> 17</u> 15 | Well | 334 | (N) | 0 069 | | | 710/10 | | | 4 3 1-A6 | New | - - | |
| 16 | Door | 42 | (N) | 0 500 | | | | ······································ | | 4 5.1-A3 | New | | |
| 17 | Wail | 360 | (E) | 0.069 | | 1 | | | | 4.3.1-A6 | New | E | j |
| 18 | Slab | 963 | (N) | 0.730 | Non | в | | | | 4 4 7-A1 | New | E | j |
| 19 | Roof | 240 | (N) | 0.029 | Non | e 30.6 | None | | | 4.2.2-A1 | New | |] |
| 20 | Slab | 240 | (N) | 0 730 | Мол | е | | | | 447-A1 | New | | 3 |
| | structions in the Nonresident then describe on Page 2 of t | | | | | | viata action | to coreac | t Afait | dose not n | neat compl | innes | |
| | TRATION SURFACE | | | Cunst 1 O | · · · · · | акс арргор | nate action | 10 001100 | - /1 (di) | oces not n | neet comp | - Carlog | |
| | | | T | | _ | | | | T | | 1 0 | | _ |
| | | | | E | Orientation N, E, S, W | įģ | ie ig | ပ္သ | ١ | Source | Conditions | | |
| | Fenestration | 1 | | Area (ft²) | F.E. | Max U-Factor | U-Factor Source | Max (R)SHGC | SHGC | our verh | ond | Pass | |
| Tag/ID | Туре | | · | - - + | 22 | ≥ ⊃ | > vs | 20 | us e | | 00 | ~~ who | |
| | | *************************************** | - | | | | | | ļ | | - | | |
| | 1 | | ļ | | | <u> </u> | | | - | | | | |
| | | | 1 | | | | i | | ļ | | - | | |
| | | | - | | | | | | 1 | | 1 | | |
| | | | - | | | | | | <u> </u> | | | 1 L. 1 | _ |
| - | | | | | | | | | | | | | ĺ |
| | | | | | | | | | | | <u> </u> | | - |
| | | | | | | | | | A MARIE A | 0 | | | 1 |
| | | | | | | | | | CARAC ACT | 0 | | | 1 |
| | | | | | | | | | | 0 0 | | 0 | 1 |
| | structions in the Nonresidenti | | | | | | | to operate | World. | 0 0 | | 0 | |
| 2 It Fail th | nen describe on Page 2 of the | | Chec | klist Ford | n and ta | | | | Verity | Duilding pla | ans if neces | 0 | |

| Project N | | | | | | | | ···· | | | Da | | 24.2 |
|-----------|--|-----------|---------------------------|------------------------|---|----------------------|----------------------------------|----------------------|---|---------------------|----------------------|--------------------|-------------------|
| Project A | School Bld E Classro | oms | · · · · · · | | | limate Zo | ne | | Total | Cond Floor | | 1/5/20 in Floor | |
| Bake | rsfield | | | | | | 13 | | | 8,360 | | n/a | |
| GENER | AL INFORMATION | | | | | | | | | | | | |
| Building | | | | ial Public S | Sahaai | | -Rise Re | | | Hotel/Ma | itel Guest R | oom | |
| | ools (Public School) | Bldg | | | | | onditioned | | | | nconditione | d Spac | es |
| □ Sky | light Area for Large Enclos | ed Space | ≥ ≥ 80 | 00 ft ² (li | checke | d include | the ENV | -4C with | submit | tai) | | | |
| Phase o | f Construction: | New C | onstru | etion | | □ Add | tion | | | Alteratio | n | | |
| Approac | h of Compliance. | Compo | nent | | | Z Ove | rall Envel | ope | | Uncondi | lioned (file a | ffidavi | t) |
| Front Or | rentation. N, E, S, W or in | | | 0 deg | | | | | | | | | |
| | | FIEL | DIN | SPEC | *************************************** | ENER | GY CH | ECKLI | ST | | | | |
| OPAQU | E SURFACE DETAILS | | | | INSUL | ATION | | | | | ········· | | T |
| Tag/ID | Assembly Type | Area (ff) | Orientation N, E, S, W | U-Factor | Cavity R-Value | Exterior R- Value | Exterior Furring ³ | Interior R. Value | Interior Furring ³ | Joint Appendix 4 | Condition Status | Pass | Fail ² |
| 21 | Roof | 951 | (N) | 0 029 | None | 30.6 | None | | | 4.2.2-A1 | New | | |
| 22 | Wall | 334 | (S) | 0.069 | R-21 | | | | | 4 3 1-A6 | New | | |
| 23 | Door | 42 | (S) | 0 500 | Insui | | | | | 451-A3 | New | | |
| 24 | Wall | 360 | (W) | 0.069 | R-21 | | | | | 131-A6 | New | | |
| 25 | Slab | 963 | (N) | 0.730 | None | | | | | 4.4.7-A1 | New | | |
| 26 | Roof | 951 | (N) | 0.029 | None | 30 6 | None | | | 4 2.2-A1 | New | | |
| 27 | Wall | 334 | (5) | 0 069 | R-21 | | | | | 431-A6 | New | | C |
| 28 | Door | 42 | (S) | 0.500 | | | | | | 4 5 1-A3 | New | | |
| 29 | Slab | 963 | (N) | 0 730 | None | | | | | 4.4 7-A1 | New | <u> </u> | <u> </u> |
| 30 | Roof | 951 | (N) | 0 029 | None | 30 6 | None | · | · | 4 2 2-A1 | New | | |
| | structions in the Nonresidentia then describe on Page 2 of th | | | | | ike approp | nate action | to correc | t A fail | daes not m | eet compliand | e | |
| FENES | TRATION SURFACE D | ETAILS | | | | | | | *************************************** | | | | |
| Tag/ID | Fenestration Type | | | Area (tf') | Orientation N, E, S, W | Max U-Factor | U-Factor Source | Max (R)SHGC | SHGC | Source Overhang | Conditions Status | Pass | Fall² |
| | | | ļ | | | | | | ļ | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | ļ | | | - D | <u> </u> |
| | | | ļ | | | | | | ļ | | | | |
| | | | | | | | | | | | | | |
| | | | · | | | | | | ļ | | | | |
| | | | | | | | · · · · | | ļ | | | <u></u> | |
| | | | - | + | | | | | ļ | | | | |
| | | | | | | | | | | | | | |
| | | | <u></u> | 1 | | L | | | 1 | | l | | |

| Project N | FIELD INSPECT | 1011 2 | .141 | 1101 | V. 1L | .01(11) | <u> </u> | ······ | | · | · | Date | |
|---------------------------|--|---|---------------------------|-------------------------|---------------------------|----------------------|----------------------------------|----------------------|----------------------------------|---------------------|----------------------|---------------|-------------------|
| | ame School Bld E Classro | oms | | | | | | | | | 1. | 1/5/20 | 012 |
| Project A | | | | | (| Climate Zo | | | Total (| Cond Floor A | Area Addi | tion Floo | Area |
| | rsfield | | | | | | 13 | ., | <u> </u> | 8,360 | | n/a | |
| | AL INFORMATION | Nonres | | | | CT Mark | Piece Pe | oidontial | | Untol/Mo | tel Guest | Poom | |
| Building | | Rologo | | Public | School | | -Rise Re | | | | | | |
| | ools (Public School) | Bldg. | | | | | onditioned | | | | ncondition | ed Spac | es |
| | light Area for Large Enclos | | | | checke | | | -4C with | | | | | |
| | Construction: | | | uction | | C Add | | | | | | | |
| | h of Compliance | | nent | | ······ | Ø Ove | rall Envel | ope | | Uncondit | ioned (file | affidavi | l) |
| Front Or | entation, N, E, S, W or in | | | 0 deg | | | | | | | | | |
| | | FIEL | DIN | SPEC | | ' | GY CH | ECKL | ST | | | | |
| OPAQU | E SURFACE DETAILS | 7 | | | INSUL | ATION | | | | | | | 1 |
| Tag/ID | Assembly Type | Area (ft²) | Orientation N, E, S, W | U-Factor | Cavity R-Value | Exterior R- Value | Exterior Furring ³ | Interior R. Value | Interior Furring ³ | Joint Appendix 4 | Condition Status | Pass | Falls |
| 31 | Wall | 334 | (S) | 0 069 | R-21 | | | | | 1.3.1-A6 | New | П | |
| 32 | Door | 42 | (S) | 0.500 | Insu | | | | | 451-A3 | New | <u> </u> | |
| 33 | Slab | 963 | (N) | 0 730 | None | | | | | 4 4.7-A1 | New | | |
| 34 | Roof | 951 | (N) | 0.029 | None | 30 6 | None | | | 4 2.2-A1 | New | ū | |
| 35 | Wall | 334 | (S) | 0 069 | R-21 | | | | | 431-A6 | New | 1 = | |
| 36 | Door | 42 | (S) | 0 500 | Insu | ļ | | | | 4,5 1-A3 | New | | |
| 37 | Wall | 360 | (E) | 0.069 | | | | | | 4.3.1-A6 | New | | <u> </u> |
| 38 | Stab | 963 | (N) | 0 730 | | | | | | 4 4.7-A1 | New | | |
| 39 | Roof | 240 | (N) | 0 029 | | 30 6 | None | | | 4.2.2-A1 | New | | |
| 40 | Slab | 240 | (N) | 0.730 | | İ | | | Ĺ | 4.4.7-A1 | New | | |
| 1 See ins 2 It Fail, ! | tructions in the Nonresidentia hen describe on Page 2 of th | ai Compliat e Inspectic | nce Ma n Che | incial, pa cklist Fo | ge 3-96. rm and ta | ike approp | riate action | io carrec | t A fail | does not me | et complia | nce | |
| FENES | TRATION SURFACE D | ETAILS | | | | | | | | | | | |
| Tag/ID | Fenestration Type | | | Area (ff*) | Orientation N, E, S, W | Max U-Factor | U-Factor Source | Max (R)SHGC | SHGC | Source Overhang | Conditions Status | Pass | Fail ² |
| | | | | | | | | | | | | | |
| | | | | | | | | | | a | | | <u></u> |
| | | | | | | | | | <u> </u> | | | 므 | |
| | | | | | | | | | | | | ㅁ | |
| | | | | | | | | | ļ | | | | |
| | | | <u> </u> | | | | | | ļ | | | | |
| | | | ļ | | | | | | | | | ļ. <u>P</u> . | 므 |
| | | | <u> </u> | | | | | | ļ | | | 므 | |
| | | | ļ | | | | | | | | | | _ 🗆 |
| | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 1 | | | | | | <u> </u> | | | | |

| | TIFICATE OF | | | | O1 15 | ~^!/! ! | ст | (| Part | 1 of 3) | | ENV- | -10 |
|------------------|---|----------------|---------------------------|------------|---------------------------|----------------------|----------------------------------|----------------------|----------------------|-----------------------------|----------------------|-------------------|------------|
| AND Project N | FIELD INSPE | CHON | =NE | HGY | CHE | ECKLI | 51 | | | | | Date | |
| BĊSD | School Bld E Class | srooms | | | | | | | | | | 1/5/20 | |
| Project A | | | | | | Climate Zo | na 13 | | Total (| Cond Floor. 8,360 | Area Add | ition Floo n/a | r Are |
| | ersfield | ···· | | | | | 13 | | | 0,300 | | 11/21 | |
| | AL INFORMATION | 121 Nonre | cident | (al | | □ Hìah | -Rise Re | sidential | | Hotel/Mo | tel Guest | Boom | |
| Building | | Polos | | Public 9 | School | | anditioned | • | | | ncondition | | |
| | nools (Public School) | Bldg | | | | | | | | | ricoridinos | eu opar | rea |
| | light Area for Large En | | | | check | | | -4G With | | | | | |
| | f Construction | ☑ New C | | action | | ☐ Add | | | | | n tioned (file | affidmi | 141 |
| | ch of Compliance | □ Comp | onent | | 1 | 7 Ove | rall Envel | ope | | Onconui | noneo (me | amoavi | |
| ront Or | mentation N, E, S, W or | | | 0 deg | 1 | 2 m 8 1 hr hr | 0V 0U | FOUL | C-T | | | | |
| 20101 | E OLIDE LOS DETAILS | | ט ווע | SPEC | | ENER | GYCH | ECKL | <u> </u> | | | | |
| JPAQU | E SURFACE DETAILS | 5 | | | INSU | LATION | Γ | | | | 7 | T | T |
| Tag/ID | Assembly Type | Area (If²) | Orientation N, E, S, W | U-Factor | Cavity R-Value | Exterior R- Value | Exterior Furring ³ | Interior R. Value | Interior Furring³ | Joint Appendlx 4 | Condition Status | Pass | 2 He Z |
| 11 | Rool | 176 | (N) | 0 029 | None | 30.6 | None | | | 422-A1 | New | | ľ |
| 12 | Walf | 160 | (N) | 0.089 | R-2 | 1 | | | | 4.3.1-A6 | New | a | ľ |
| 13 | Wall | 116 | (S) | 0 069 | R-2 | 1 | | | | 4.3 1-A6 | New | | E |
| 14 | Door | 21 | (S) | 0 500 | ļnst | 11 | | | | 4.5 1-A3 | New | | Ĺ |
| 45 | Door | 21 | (S) | 0.500 | Insu | 4 | | | | 4.5.1-A3 | New | | L |
| 16 | Wall | 120 | (E) | 0.069 | R-2 | 1 | | , | | 4 3.1-A6 | New | | £ |
| 17 | Wall | 120 | (S) | 0 069 | R-2 | 1 | | | | 4.3.1-A6 | New | | L |
| 18 | Slab | 176 | (N) | 0.730 | None | B | | | | 4 4 7-A1 | New | | E |
| | | | | | | ļ | | | | | | | 1 |
| | | | l | | L | <u>.</u> | | | | | <u> </u> | | r |
| 2 If Fail, | structions in the Nonreside their describe on Page 2 o | of the Inspect | on Che | | | | nate action | n to correc | t A fail | does not m | eet complia | nce. | |
| PENES | TRATION SURFACE | EDETAILS | <u> </u> | | | | | | ĺ | | T | | T |
| Tag/ID | Fenostral | tion | | Area (ft²) | Orientation N, E, S, W | Max U-Factor | U-Factor Source | Max (R)SHGC | SHGC | Source | Conditions Status | Pass | ह्याद्र |
| | .,,,,, | | 1 | | | | | | | | | П | C |
| | | | | | | | | | | | | | E |
| | | | | | | | | | | | | | Г |
| | | | | | | | | | | | | | Г |
| | | | | | | | | | | | | | E |
| | | | | | | | | | | | | | _ <u>C</u> |
| | | | | | | | | | | | ļ | | E |
| | | | | | | | | | | | | | E |
| | | | | | | | | | ļ | | | | E |
| | | | | | | | | | | | | | 1 0 |

| AND FIELD | | _ | | IANC | E IGY CHECKLIST | | (F | Part 2 of 3 | 3) | | ENV | - ; (|
|--|---|---|--|--|--|--|---|--|-----------------------------|----------------------------------|-----------------------------------|-------------|
| Project Name | | | | 3 I V I I | ICI OILONLIST | | | ····· | | | Date | |
| BCSD School B | | | | | | | | | | | 1/5/2 | 012 |
| ROOFING PRO | | | | | is compliance approach ea | nnot i | o ucod) | Go to Overall | Env | olone . | Δηργησίο | h or |
| Performance Appr | | ot is not | | nunea, ir | is compilative approach ca | 111101 | e useu). | GO TO OVERAI | L 1110 | eiope i | | ,,, 0, |
| | | | | | THE ROOFING PRODUCT " | | | EQUIREMENTS | 3: | Pass | Fai(' | N |
| | | | | | and 16 with a Low-Sloped. 2 1 | **** | | | | | | H |
| Low-cloped We | | | | | rith a Steep-Sloped with less t and 5 are exempted, solar refle | | | | | | <u> </u> | |
| SRI that have a | U-facto | r of 0 039 | or lower | See Opac | ue Surlace Details roof assen | ably C | olumn H o | ENV-2C | | | | |
| Linat have a U-la | eter of (| 048 or 1 | ower. See | Opaque S | nd 5 are exempted, solar relec Surface Details roof assembly | below. | Column H | of ENV-2C |) P31 | | | |
| The roof area co | overed b | y buildin | g integrate I thermal e | d photovo | Itaic panels and building integ or SRI, see spreadsheet calcu | rated s lator at | olar therm | al panels are tov ca ocvititle2: | A/ | | | 1 |
| Roof construction | ons that | have the | rmal mass | over the | oof membrane with a weight o | of at lea | ist 25 lb/ft | are exempt from | n | | 0 | Ti |
| | ntial bui | ldings an | | | with low-sloped roofs in Clima | te Zon | es 1 throug | gh 9, 12 and 16 | are | | | 1 |
| exempted from I. If Fail then describ | | | | | klist Form and take appropria | te actio | n to conec | t. Verify buildin | g pla | ns it nee | cessary. | |
| CRRC Product ID | | Slope | , | Weight | Product | Age | d Solar | Thermal | | | | |
| Number' | ≤ 2 12 | > 2:12 | < 5lb/ft ² | ≥ 5lb/tt² | Туре ² | Refle | ctanco ³ | Emmitance | S | RI⁵ | Pass | Fa |
| R-0 Roof Cathedral w | | | | | | | 0 72 | 0 90 | | | | |
| | | | | <u> </u> | | ㅁ | - | | | | | |
| | | | | | | <u> </u> | | | | | | |
| | | | | | | □ ⁴ | | | | | | |
| | | | | | | | | | | | | |
| www.coolroofs.ord/pr 2 Indicate the type o 3. If the Aged Reflect same directory and to | oducts/: f produc ance is ise the | mber can search.pt it is being not availa equation | used for table in the | he roof to | e Cool Roof Rating Council's l o, Le single-ply roof, asphalt r Rating Council's Rated Proof to obtain a calculated aged va | Rated f | etal roof, e | tc use the Initial R | Reflec | tance v | alue from | the Cool |
| www.coolroofs.ora/p- 2 Indicate the type p 3. If the Aged Reflect same directory and to Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Flot | of ID Nur oducts/s f product ance is use the s Rated ged Ref ds to be e on this | mber can search.ph it is being not availa equation Product I lectance i calculate s page of ed Coatir | be obtained by used for the ball of the ba | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r Rating Council's Rated Proof to obtain a calculated aged va- using the equation above et calculator at http://www.ens klist Form and take appropriat t be applied across the entire | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e actory then there p is agov/trile24 n to correct rface and | to use the Initial Fi the Initial Solar it. Verity buildin | Refleo g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Cool |
| www.coolroofs.ora/by 2 Indicate the type o 3. If the Aged Reflect same directory and it. Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Field recommended by the | oducts/: f products/: f products/: f products is product is see the content is fated ged Ref ds to be a on this id Applie coaling | mber can search.ph it is being not availa equation Product I lectance o calculate s page of ed Coatirs s manufa | be obtained by the best of the last of the | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r I Rating Council's Rated Proof to obtain a calculated aged vi- using the equalion above et calculator at http://www.ens- klist Form and take appropriat it be applied across the entire imum performance requireme | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e- ectory then there p is oov/tole2/ n to correct rface and ed in §118 | to use the Initial R the Initial Solar I it. Verify buildin meet the dry mil (i)4 Select the | Refleo g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Cool |
| www.coolroofs.ora/p- 2 Indicate the type p 3. If the Aged Reflect same directory and to Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Flot | oducts/: f products/: f products/: f products is product is see the content is fated ged Ref ds to be a on this id Applie coaling | mber can search.ph it is being not availa equation Product I lectance o calculate s page of ed Coatirs s manufa | be obtained by the best of the last of the | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r Rating Council's Rated Proof to obtain a calculated aged va- using the equation above et calculator at http://www.ens klist Form and take appropriat t be applied across the entire | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e- ectory then there p is oov/tole2/ n to correct rface and ed in §118 | to use the Initial Fi the Initial Solar it. Verity buildin | Reflec g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Coo |
| www.coolroofs.ora/by 2 Indicate the type o 3. If the Aged Reflect same directory and it. Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Field recommended by the | oducts/: f products/: f products/: f products is product is see the content is fated ged Ref ds to be a on this id Applie coaling | mber can search.ph it is being not availa equation Product I lectance o calculate s page of ed Coatirs s manufa | be obtained by the best of the last of the | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r I Rating Council's Rated Proof to obtain a calculated aged vi- using the equalion above et calculator at http://www.ens- klist Form and take appropriat it be applied across the entire imum performance requireme | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e- ectory then there p is oov/tole2/ n to correct rface and ed in §118 | to use the Initial R the Initial Solar I it. Verify buildin meet the dry mil (i)4 Select the | Reflec g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Cool |
| www.coolroofs.ora/by 2 Indicate the type o 3. If the Aged Reflect same directory and t Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Floir recommended by the Aluminum-Pigmer | oducts/: f products/: f products/: f products is product is see the content is fated ged Ref ds to be a on this id Applie coaling | mber can search.ph it is being not availa equation Product I lectance o calculate s page of ed Coatirs s manufa | be obtained by the best of the last of the | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r I Rating Council's Rated Proof to obtain a calculated aged vi- using the equalion above et calculator at http://www.ens- klist Form and take appropriat it be applied across the entire imum performance requireme | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e- ectory then there p is oov/tole2/ n to correct rface and ed in §118 | to use the Initial R the Initial Solar I it. Verify buildin meet the dry mil (i)4 Select the | Reflec g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Cool |
| www.coolroofs.ora/by 2 Indicate the type o 3. If the Aged Reflect same directory and t Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Floir recommended by the Aluminum-Pigmer | oducts/: f products/: f products/: f products is product is see the content is fated ged Ref ds to be a on this id Applie coaling | mber can search.ph it is being not availa equation Product I lectance o calculate s page of ed Coatirs s manufa | be obtained by the best of the last of the | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r I Rating Council's Rated Proof to obtain a calculated aged vi- using the equalion above et calculator at http://www.ens- klist Form and take appropriat it be applied across the entire imum performance requireme | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e- ectory then there p is oov/tole2/ n to correct rface and ed in §118 | to use the Initial R the Initial Solar I it. Verify buildin meet the dry mil (i)4 Select the | Reflec g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Cool |
| www.coolroofs.ora/by 2 Indicate the type o 3. If the Aged Reflect same directory and t Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Floir recommended by the Aluminum-Pigmer | oducts/s f products/s f products/s f product ance is ance is s Rated ged Ref ds to be on this d Applie coaling | mber can search.ph it is being not availa equation Product I lectance o calculate s page of ed Coatirs s manufa | be obtained by the best of the last of the | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r I Rating Council's Rated Proof to obtain a calculated aged vi- using the equalion above et calculator at http://www.ens- klist Form and take appropriat it be applied across the entire imum performance requireme | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e- ectory then there p is oov/tole2/ n to correct rface and ed in §118 | to use the Initial R the Initial Solar I it. Verify buildin meet the dry mil (i)4 Select the | Reflec g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Cool |
| www.coolroofs.ora/by 2 Indicate the type o 3. If the Aged Reflect same directory and t Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Floir recommended by the Aluminum-Pigmer | oducts/s f products/s f products/s f product ance is ance is s Rated ged Ref ds to be on this d Applie coaling | mber can search.ph it is being not availa equation Product I lectance o calculate s page of ed Coatirs s manufa | be obtained by the best of the last of the | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r I Rating Council's Rated Proof to obtain a calculated aged vi- using the equalion above et calculator at http://www.ens- klist Form and take appropriat it be applied across the entire imum performance requireme | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e- ectory then there p is oov/tole2/ n to correct rface and ed in §118 | to use the Initial R the Initial Solar I it. Verify buildin meet the dry mil (i)4 Select the | Reflec g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Cool |
| www.coolroofs.ora/by 2 Indicate the type o 3. If the Aged Reflect same directory and t Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Floir recommended by the Aluminum-Pigmer | oducts/s f products/s f products/s f product ance is ance is s Rated ged Ref ds to be on this d Applie coaling | mber can search.ph it is being not availa equation Product I lectance o calculate s page of ed Coatirs s manufa | be obtained by the best of the last of the | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r I Rating Council's Rated Proof to obtain a calculated aged vi- using the equalion above et calculator at http://www.ens- klist Form and take appropriat it be applied across the entire imum performance requireme | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e- ectory then there p is oov/tole2/ n to correct rface and ed in §118 | to use the Initial R the Initial Solar I it. Verify buildin meet the dry mil (i)4 Select the | Reflec g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Coo |
| www.coolroofs.ora/by 2 Indicate the type o 3. If the Aged Reflect same directory and t Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Floir recommended by the | oducts/s f products/s f products/s f product ance is ance is s Rated ged Ref ds to be on this d Applie coaling | mber can search.ph it is being not availa equation Product I lectance o calculate s page of ed Coatirs s manufa | be obtained by the best of the last of the | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r I Rating Council's Rated Proof to obtain a calculated aged vi- using the equalion above et calculator at http://www.ens- klist Form and take appropriat it be applied across the entire imum performance requireme | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e- ectory then there p is oov/tole2/ n to correct rface and ed in §118 | to use the Initial R the Initial Solar I it. Verify buildin meet the dry mil (i)4 Select the | Reflec g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Cool |
| www.coolroofs.ora/by 2 Indicate the type o 3. If the Aged Reflect same directory and t Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Floir recommended by the | oducts/s f products/s f products/s f product ance is ance is s Rated ged Ref ds to be on this d Applie coaling | mber can search.ph it is being not availa equation Product I lectance o calculate s page of ed Coatirs s manufa | be obtained by the best of the last of the | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r I Rating Council's Rated Proof to obtain a calculated aged vi- using the equalion above et calculator at http://www.ens- klist Form and take appropriat it be applied across the entire imum performance requireme | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e- ectory then there p is oov/tole2/ n to correct rface and ed in §118 | to use the Initial R the Initial Solar I it. Verify buildin meet the dry mil (i)4 Select the | Reflec g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Cool |
| www.coolroofs.ora/by 2 Indicate the type o 3. If the Aged Reflect same directory and t Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Floir recommended by the | oducts/s f products/s f products/s f product ance is ance is s Rated ged Ref ds to be on this d Applie coaling | mber can search.ph it is being not availa equation Product I lectance o calculate s page of ed Coatirs s manufa | be obtained by the best of the last of the | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r I Rating Council's Rated Proof to obtain a calculated aged vi- using the equalion above et calculator at http://www.ens- klist Form and take appropriat it be applied across the entire imum performance requireme | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e- ectory then there p is oov/tole2/ n to correct rface and ed in §118 | to use the Initial R the Initial Solar I it. Verify buildin meet the dry mil (i)4 Select the | Reflec g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Cool |
| www.coolroofs.ora/by 2 Indicate the type o 3. If the Aged Reflect same directory and t Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Floir recommended by the | oducts/s f products/s f products/s f product ance is ance is s Rated ged Ref ds to be on this d Applie coaling | mber can search.ph it is being not availa equation Product I lectance o calculate s page of ed Coatirs s manufa | be obtained by the best of the last of the | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r I Rating Council's Rated Proof to obtain a calculated aged vi- using the equalion above et calculator at http://www.ens- klist Form and take appropriat it be applied across the entire imum performance requireme | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e- ectory then there p is oov/tole2/ n to correct rface and ed in §118 | to use the Initial R the Initial Solar I it. Verify buildin meet the dry mil (i)4 Select the | Reflec g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Cool |
| www.coolroofs.ora/by 2 Indicate the type o 3. If the Aged Reflect same directory and t Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Floir recommended by the | oducts/s f products/s f products/s f product ance is ance is s Rated ged Ref ds to be on this d Applie coaling | mber can search.ph it is being not availa equation Product I lectance o calculate s page of ed Coatirs s manufa | be obtained by the best of the last of the | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r I Rating Council's Rated Proof to obtain a calculated aged vi- using the equalion above et calculator at http://www.ens- klist Form and take appropriat it be applied across the entire imum performance requireme | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e- ectory then there p is oov/tole2/ n to correct rface and ed in §118 | to use the Initial R the Initial Solar I it. Verify buildin meet the dry mil (i)4 Select the | Reflec g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Cool |
| www.coolroofs.ora/by 2 Indicate the type o 3. If the Aged Reflect same directory and t Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Floir recommended by the | oducts/s f products/s f products/s f product ance is ance is s Rated ged Ref ds to be on this d Applie coaling | mber can search.ph it is being not availa equation Product I lectance o calculate s page of ed Coatirs s manufa | be obtained by the best of the last of the | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r I Rating Council's Rated Proof to obtain a calculated aged vi- using the equalion above et calculator at http://www.ens- klist Form and take appropriat it be applied across the entire imum performance requireme | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e- ectory then there p is oov/tole2/ n to correct rface and ed in §118 | to use the Initial R the Initial Solar I it. Verify buildin meet the dry mil (i)4 Select the | Reflec g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Cool |
| www.coolroofs.ora/by 2 Indicate the type o 3. If the Aged Reflect same directory and t Floof Rating Council's 4. Check box if the A 5. The SRI value nee 6. If Fail then describ To apply Liquid Floir recommended by the | oducts/s f products/s f products/s f product ance is ance is s Rated ged Ref ds to be on this d Applie coaling | mber can search.ph it is being not availa equation Product I lectance o calculate s page of ed Coatirs s manufa | be obtained by the best of the last of the | ed from the roof to Cool Roo Roo Roo Roo Roo Roo Roo Roo Roo | o, ie single-ply roof, asphalt r I Rating Council's Rated Proof to obtain a calculated aged vi- using the equalion above et calculator at http://www.ens- klist Form and take appropriat it be applied across the entire imum performance requireme | Pated I cof, me uct Dire alue V ergy ca te actio roof su | elal roof, e- ectory then there p is oov/tole2/ n to correct rface and ed in §118 | to use the Initial R the Initial Solar I it. Verify buildin meet the dry mil (i)4 Select the | Reflec g plar I thick | ntance t ns if nec ness or | alue from from the cessary. | the Cool |

| CERTIFICATE OF COMPLIANCE | | | t 3 of 3) | ENV-1 |
|---|---|--|-----------------------|-----------------|
| AND FIELD INSPECTION ENERGY Project Name | AY CHECKLI | 31 | 200 | Date |
| BCSD School Bld E Classrooms | | | | 1/5/201 |
| Required Acceptance Tests | ······································ | 96.46.11.11.11.11.11.11.11.11.11.11.11.11.11 | | ············ |
| Designer: | | | | |
| This form is to be used by the designer and attack | ched to the plans. | Listed below is the a | acceptance test for | or Envelope |
| Fenestrations system. The designer is required t | to check the accep | stance tests and list a | III the fenestration | n products tha |
| require an acceptance test If all the site-built fe products and the number of systems. The NA7 | nestration of a cer | tain type requires a t | est, list the differe | ent renestratio |
| products and the number of systems—The NA7. Manual describes the test. Since this form will be | Section in the App a nart of the plans | completion of this se | ection will allow t | ae responsible |
| party to budget for the scope of work appropriate | ely. | Completion of the co | out the district | то гоорого. |
| Enforcement Agency: | | | | |
| Systems Acceptance. Before Occupancy Perm | it is granted for a l | newly constructed bu | ilding or space o | r whenever no |
| fenestration is installed in the building or space s | shall be certified as | meeting the Accept | ance Requireme | nts |
| The ENV-2A form is not considered a complete t | form and is not to I | be accepted by the e | nforcement ager | cv unless the |
| boxes are checked and/or filled and signed. In a | iddition, a Certifica | ite of Acceptance for | ms shall be subn | nitted to the |
| enforcement agency that certifies plans, specific | ations, installation | certificates, and ope | erating and maint | enance |
| information meet the requirements of §10-103(b) | of Title 24 Part 6. | The field inspector r | nust receive the | properly tilled |
| out and signed forms before the building can rec fenestration product line must be provided to the | eive final occupan | cy. A copy of the Er | iv-za for each di | nerent |
| seriestration product time must be provided to the | OWNER OF THE DOLL | and for their records. | | |
| Test Description | | ENV-2A | Test Performe | d By: |
| Fenestration Products Name or ID | Area of like | Building Envelope | | |
| Requiring Testing or Verification | Products | Acceptance Test | | |
| Sola-Tube 750 DS | 96 | | | |
| PPG 70XL (2) Starphire Low E | 450 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| MR MARINE MINISTER | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| THE REPORT OF THE PARTY OF THE | | | | |
| | | | | |
| <u></u> | l | | | |
| | | | | |
| | | | | |
| EnergyPro 5 1 by EnergySaft User Number, 5232 | RunCode: 2012-0 | | 99091 | Page 11 of |

| CERTIFICATE OF COMPLIANC AND FIELD INSPECTION ENER | | | t 3 of 3) | ENV-1C |
|---|---|--|--|---|
| Project Name BCSD School Bld E Classrooms | | | 120 A | Date 1/5/2012 |
| Required Acceptance Tests Designer: This form is to be used by the designer and attenestrations system. The designer is required equire an acceptance test of all the site-built products and the number of systems. The NAT Manual describes the test. Since this form will party to budget for the scope of work appropria | d to check the accep fenestration of a cert 7 Section in the Appo be part of the plans, | tance tests and list a ain type requires a tr andix of the Nonresio | all the fenestration est, list the differe dential Reference | products that nt fenestration Appendices |
| Enforcement Agency: Systems Acceptance. Before Occupancy Perenestration is installed in the building or space. The ENV-2A form is not considered a complete boxes are checked and/or filled and signed. Interforcement agency that certifies plans, specinformation meet the requirements of §10-103 (but and signed forms before the building can reenestration product line must be provided to the | e shall be certified as e form and is not to be addition, a Certifica fications, installation (b) of Title 24 Part 6. eceive final occupan | meeting the Accept the accepted by the effice of Acceptance for certificates, and open The field inspector recy. A copy of the EN | ance Requiremer inforcement agenoms shall be submerating and mainton must receive the part of the pa | nts by unless the cy unless the itted to the enance properly filled |
| Test Description | | ENV-2A | Test Performed | l By: |
| Fenestration Products Name or ID Requiring Testing or Verification | Area of like Products | Building Envelope Acceptance Test | | |
| Sola-Tube 750 DS | 96 | Ø | | |
| PPG 70XL (2) Starphire Low E | 450 | Ø | | |
| <u> </u> | | | | |
| | | | 1 | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | П | | |
| | | | | |
| | 1 | | l | |

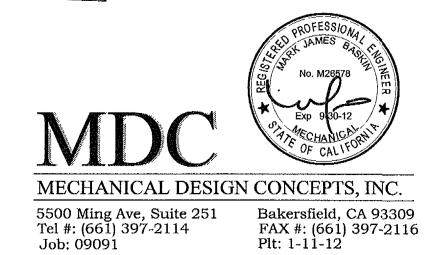
| | TIFICATE OF COMPLIANCE | | | (Par | <u>t 1 of</u> | 3) | | TG- | 10 |
|---------------------------------------|--|---------------------------|---------------------------------|---------------------------------------|----------------------------|-------------------------|----------------------------|--------------|-------------|
| Project t 3 <i>CSD</i> | ≀ame School Bld E Classrooms | | | | | | Dat 1 | e /5/20 | 12 |
| | OR LIGHTING SCHEDULE and FIELD INS | SPECTION | ON ENER | GY CH | ECKLI | ST | | | |
| | tion Certificate, LTG-1- INST (Retain a copy and verily form | | | | | Field In | spector | ſ | |
| • | ate of Acceptance, LTG-2A and LTG-3A (Retain a copy a | | | | d) | Field In | | | J |
| A separ | ate Lighting Schedule Must Be Filled Out for Conditioned | and Uncor | ditioned Spa | ces Instal | led Light | ng Power | listed of | | |
| | nting Schedule is only for | | | ************ | | | | | |
| <u> 2</u> | CONDITIONED SPACE | | UNCONDITI | | | | | | |
| Ø | The actual indoor lighting power listed below includes all with §146(a) | | | | | | | | |
| Ø | Only for offices: Up to the first 0.2 watts per square foot calculation of actual indoor lighting power density in account of actual indoor lighting power density in account of the control of the contr | of portable ordance wi | lighting shall th the Except | not be re tion to §14 | quired to f6(a). All | be includ portable l | led in the ighting ir | exce | ss c |
| | Luminaire (Type, Lamps, Ballasts) | | | lns | talled V | /atts | | | |
| A | В | С | a | | E | F | G | | 4 |
| | " ' | | | | vattage termined | | | Fi Insp | |
| | | | | | a | 7 | | | |
| | | | _ | | According To §130 (d or | | E | | |
| None | | | Watts per Luminaire | CEC | ding 30 (e | Number of Luminaires | Installed Watts (D X F) | | |
| or Item | Complete Luminaire Description | | atts | Default From | Score Si | de E | stalle | Pass | |
| Tag | (i.e. 3 lamp fluorescent troffer F32T8, one dimmable electronic ballasts) | | Es | NA8 | ¥₽ | <i>z</i> 3 | | PARCHUA | 7.3 |
| · · · · · · · · · · · · · · · · · · · | Designed Allowance: 176 sqlt at 0.470 w/sf | | | | | | 83 | О | ŶĽ, |
| | Designed Allowance. 240 sqft at 0 470 w/sf | | <u> </u> | | | | 113 | | × E |
| | Designed Allowance, 240 sqft at 0 470 w/sf | | | <u> </u> | | | 113 | U | Ľ |
| | Designed Allowance. 963 sqft at 0 470 w/sf | | | | | | 453 | | C |
| | Designed Allowance 963 sqft at 0.470 w/sf | | | | | | 453 | | Ľ |
| | Designed Allowance 963 sqft at 0.470 w/sf | | <u> </u> | | | | 453 | · 07/ /3 00 | C |
| | Designed Allowance: 963 sqft at 0.470 w/sf | | | | | | 453 | 0 | ¢ |
| | Designed Allowance. 963 sqft at 0 470 w/si | | | <u> </u> | | | 453 | N 120 1 1000 | C |
| | Designed Allowance: 963 sqft at 0 470 w/sf | | | | | 44 | 453 | П | r |
| | Designed Allowance 963 sqft at 0.470 w/sf | | | | | | 453 | | Ę |
| | Designed Allowance. 963 sqft at 0 470 w/sf | | | · · · · · · · · · · · · · · · · · · · | | | 453 | | S.C. |
| | | | ļ | | | I | | 0 | * |
| | | | <u> </u> | 0 | | | | | Ç. |
| | | | ļ | | _ 🗓 - | - | | | Ľ |
| | | | | <u> </u> | | | ··· | Sec. 25.63 | % |
| | | | | | | | | | |
| | | | | | | | | Ω | |
| | | | <u> </u> | | | | | | Ţ |
| | | - | | | | | | | Ľ |
| | | | <u></u> | | | - <u>-</u> | | O. | y C |
| | | | | nstalled V talled Wa | | | 3,929 | 400 | . C.S. |
| | Building total number of pages: | | 1115 | | um of all | | | | |
| | | | Ente | r Into LTC | i-1C Pag | e 4 of 4 | 3,929 | | |

| RTIFICATE OF COMPLIA | | (Part | | Date | G-1C | |
|---|---|---|-----------------------|--|--------------------|--|
| SD School Bld E Classrooms | | | | 1/5/ | 2012 | |
| OOR LIGHTING SCHEDULE and FI | | | | | | |
| n controls for all spaces: a) area controls, matic daylighting controls for daylit areas eral lighting controlled separately from dis rols for retail stores > 50,000 ft², in accord | > 2,500 ft*, d) shut-c play, ornamental and | off controls, e) display lighting con I display case lighting and g) dem | trols, f) tailored is | ahitina cor | ntrols - | |
| ······································ | LIGHTING CONTROLS FIELD INSPECTION ENERGY CHECKLIST | | | | Field Inspector | |
| Type/ Description | Number of Units | Location in Building | Special Features | Pass | Fall | |
| | | | | -0 | O | |
| | | | | | | |
| | | | | O. | □ | |
| | | | | O | O. | |
| , | | | | | ∞ ,□ | |
| | | | | | | |
| | | | | - 13 | Q | |
| | | | | 0 | ∵ □ | |
| | | | | | ū | |
| | | | | | O | |
| | | | | | D 7 | |
| | | | | | Ö | |
| 3 | | | | | | |
| | | | | 0 | | |
| | | | | O | D | |
| | | | | □- | o o | |
| | | | | 0 | D | |
| | | | | Q | | |
| | | | | Π. | | |
| | | | | D | 0 | |
| | | | | | O. | |
| | | | | D | | |
| | | | | | | |
| | | | | O | | |
| CIAL FEATURES INSPECTION CH | ECKLIST (See Pa | ae 2 of 4 of LTG-1C) | | · · · · · · · · · · · · · · · · · · · | | |
| local enforcement agency should pay spe lication and documentation, and special v may reject a building or design that other nitted. | erification. The local | enforcement agency determines | the adequacy of | the lustific | cation. | |
| · | | | | | | |
| d Inspector's Notes or Discrepancles: | | | | | | |
| | | | | | | |
| | | | | ······································ | <i>.</i> | |

| CERTIFICATE OF C | | | (Part 3 of 3) | |
|--|---|--|---|--|
| Project Name BCSD School Bld E Classi | | | | Date 1/5/2012 |
| | | | UST NOT BE COMBINED FOR CO | |
| Indoor Lighting Powe | er for Conditioned Sp | paces | Indoor Lighting Power for Unco | onditioned Spaces |
| | | Watts | | Watts |
| Installed Lighting (from Conditioned LTG-1C, Page 2) | | 3,929 | Installed Lighting (from Unconditioned LTG-1C, Page 2) | |
| Lighting Control Credit | | | Lighting Control Credit | |
| Conditioned Spaces (from LTG-2C) | | 0 | Unconditioned Spaces (from LTG-2C) | - |
| Adjusted Installed Lighting Power | ÷ | 3,929 | Adjusted Installed Lighting Power | 2 |
| Complies if Installed ≤ Allowed | i | 1 | Complies if Installed ≤ Allowed | 1 |
| Allowed Lighting Power | | 3.929 | Allowed Lighting Power | |
| Conditioned Spaces (from LTG- | 3C or PERF-1) | 3,929 | Unconditioned Spaces (from LTG-3C) | |
| Systems Acceptance Before (system with controls is installed | in the building or spac | e shall be certif | ed as meeting the Acceptance Requirer | ments |
| system with controls is installed The LTG-2A and LTG-3A forms the boxes are checked and/or agency that certifies plans, spec of \$10-103(b) of Title 24 Part 6 | in the building or space are not considered or led and signed. In ad ifications, installation The field inspector mu of the LTG-2A and L | omplete forms a dition, a Certifica certificates, and ust receive the p | | ments ement agency unless ted to the enforcement meet the requirements e the building can ust be provided to the |
| system with controls is installed The LTG-2A and LTG-3A forms the boxes are checked and/or fil agency that certifies plans, spec of §10-103(b) of Title 24 Part 6. receive final occupancy A copy | in the building or spaces are not considered or led and signed. In ad infications, installation or the LTG-2A and Lords | omplete forms a dition, a Certifica certificates, and ust receive the p .TG-3A for each | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforcate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) mu | ments ement agency unless ted to the enforcement meet the requirements e the building can ust be provided to the |
| system with controls is installed The LTG-2A and LTG-3A forms the boxes are checked and/or fil agency that certifies plans, specifished the system of the 24 Part 6. Treceive final occupancy. A copyowner of the building for their resource. | in the building or spaces are not considered or led and signed. In ad infications, installation or the LTG-2A and Lords | omplete forms a dition, a Certifica certificates, and ust receive the p | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements o the building can ust be provided to the LTG-2A and LTG-3A Controls and Sensors and Automatic |
| system with controls is installed the LTG-2A and LTG-3A forms he boxes are checked and/or fil agency that certifies plans, specifications of the 24 Part 6. eceive final occupancy. A copyowner of the building for their re | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements the building can set be provided to the LTG-2A and LTG-3A Convois and Sensors and Automatic Daylighting Control |
| system with controls is installed the LTG-2A and LTG-3A forms he boxes are checked and/or fil agency that certifies plans, specifications of the 24 Part 6. eceive final occupancy. A copyowner of the building for their re | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements e the building can ust be provided to the LTG-2A and LTG-3A Controls and Sensors and Automatic Daylighting Controls Acceptance |
| system with controls is installed the LTG-2A and LTG-3A forms he boxes are checked and/or fil agency that certifies plans, specifications of the 24 Part 6. eceive final occupancy. A copyowner of the building for their re | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements e the building can ust be provided to the LTG-2A and LTG-3A Controls and Sensors and Automatic Daylighting Controls Acceptance |
| system with controls is installed the LTG-2A and LTG-3A forms he boxes are checked and/or fil agency that certifies plans, specifications of the 24 Part 6. eceive final occupancy. A copyowner of the building for their re | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements e the building can sit be provided to the LTG-2A and LTG-3A Controls and Sensors and Automatic Daylighting Controls Acceptance |
| system with controls is installed the LTG-2A and LTG-3A forms he boxes are checked and/or fil agency that certifies plans, specif §10-103(b) of Title 24 Part 6. eceive final occupancy. A copyowner of the building for their resource. | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements e the building can est be provided to the LTG-2A and LTG-3A Controls and Sensors and Automatic Daylighting Controls Acceptance |
| system with controls is installed the LTG-2A and LTG-3A forms he boxes are checked and/or fil agency that certifies plans, specif §10-103(b) of Title 24 Part 6. eceive final occupancy. A copyowner of the building for their resource. | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements e the building can est be provided to the LTG-2A and LTG-3A Controls and Sensors and Automatic Daylighting Controls Acceptance |
| system with controls is installed the LTG-2A and LTG-3A forms he boxes are checked and/or fil agency that certifies plans, specif §10-103(b) of Title 24 Part 6. eceive final occupancy. A copyowner of the building for their resource. | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements e the building can est be provided to the LTG-2A and LTG-3A Controls and Sensors and Automatic Daylighting Controls Acceptance |
| system with controls is installed the LTG-2A and LTG-3A forms he boxes are checked and/or fil agency that certifies plans, specifications of the 24 Part 6. eceive final occupancy. A copyowner of the building for their re | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements e the building can set be provided to the LTG-2A and LTG-3A Convois and Sensors and Automatic Daylighting Control Acceptance |
| system with controls is installed the LTG-2A and LTG-3A forms he boxes are checked and/or fil agency that certifies plans, specifications of the 24 Part 6. eceive final occupancy. A copyowner of the building for their re | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements e the building can ust be provided to the LTG-2A and LTG-3A Controls and Sensors and Automatic Daylighting Controls Acceptance |
| system with controls is installed the LTG-2A and LTG-3A forms he boxes are checked and/or fil agency that certifies plans, specifications of the 24 Part 6. eceive final occupancy. A copyowner of the building for their re | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements the building can out be provided to the LTG-2A and LTG-3A Convols and Sensors and Automatic Daylighting Controls Acceptance |
| system with controls is installed The LTG-2A and LTG-3A forms he boxes are checked and/or fil agency that certifies plans, specifishold of the 24 Part 6. receive final occupancy. A copyowner of the building for their re- | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements the building can out be provided to the LTG-2A and LTG-3A Controls and Sensors and Automatic Daylighting Controls Acceptance |
| system with controls is installed The LTG-2A and LTG-3A forms he boxes are checked and/or fil agency that certifies plans, specifishold of the 24 Part 6. receive final occupancy. A copyowner of the building for their re- | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements the building can ust be provided to the LTG-2A and LTG-3A Controls and Sensors and Automatic Daylighting Controls Acceptance |
| system with controls is installed The LTG-2A and LTG-3A forms he boxes are checked and/or fil agency that certifies plans, specifishold of the 24 Part 6. receive final occupancy. A copyowner of the building for their re- | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements to the building can ust be provided to the LTG-2A and LTG-3A Controls and Sensors and Automatic Daylighting Controls Acceptance |
| system with controls is installed The LTG-2A and LTG-3A forms he boxes are checked and/or fil agency that certifies plans, specifishold of the 24 Part 6. receive final occupancy. A copyowner of the building for their re- | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements to the building can ust be provided to the LTG-2A and LTG-3A Controls and Sensors and Automatic Daylighting Controls Acceptance |
| system with controls is installed The LTG-2A and LTG-3A forms he boxes are checked and/or fil agency that certifies plans, specifishold of the 24 Part 6. receive final occupancy. A copyowner of the building for their re- | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements to the building can ust be provided to the LTG-2A and LTG-3A Controls and Sensors and Automatic Daylighting Controls Acceptance |
| system with controls is installed The LTG-2A and LTG-3A forms the boxes are checked and/or fil agency that certifies plans, spec of §10-103(b) of Title 24 Part 6. receive final occupancy A copy | in the building or space are not considered or led and signed. In ad ifications, installation of the LTG-2A and Leords Luminair | omplete forms a dition, a Certifica certificates, and ust receive the p TG-3A for each es Controlled Numb Lumin | ed as meeting the Acceptance Requirer nd are not to be accepted by the enforce ate of Acceptance forms shall be submit operating and maintenance information roperly filled out and signed forms befor different lighting luminaire control(s) muter of aires | ments ement agency unless ted to the enforcement meet the requirements to the building can ust be provided to the LTG-2A and LTG-3A Controls and Sensors and Automatic Daylighting Controls Acceptance |

| Project Name BCSD School Bld E Classrooms | | | Date 1/5/2012 | |
|--|---|--|----------------------------------|--|
| Project Address | Climate Zone | Total Cond. I | | |
| Bakersfield | 13 | 8,36 | | |
| GENERAL INFORMATION | | | | |
| Building Type. Di Nor | residential High-Rise Reside | ntial 🗆 Hot | el/Motel Guest Room | |
| ☐ Schools (Public School) ☐ Rel- | ocatable Public School Bldg 💢 Condition | ed Spaces E | Unconditioned Spaces (affidavit) | |
| Phase of Construction | v Construction Addition | | eration | |
| Approach of Compliance Cor | nponent Overall Envelope | TDV 🗓 Und | conditioned (file affidavit) | |
| Front Orientation: N, E, S, W or in Degre | es O deg Energy | | | |
| HVAC SYSTEM DETAILS | oo Odeg | FIELD INSPEC | TION ENERGY CHECKLIST | |
| | | Meets Criteria or Requiremen | | |
| Equipment ² | Inspection Criteria | Pass | Fail - Describe Reason | |
| Item or System Tags | | | | |
| (i.e. AC-1, RTU-1, HP-1) | HP E-1 | | | |
| Equipment Type ³ , | Packaged VAV | <u> </u> | | |
| Number of Systems | 200,000 Blu/hr | 1 | | |
| Max Allowed Heating Capacity ¹ Minimum Heating Efficiency ¹ | 3 20 COP | | | |
| Max Allowed Cooling Capacity [†] | 192,000 Btu/hr | | | |
| Cooling Efficiency ¹ | 10.6 EER 🗆 | | ┼─ = | |
| Duct Location/ R-Value | Attic, Roof Ins / 4.2 | | | |
| When duct testing is required, submit MECH-4A & MECH-4-HERS | No | ш | 0 | |
| Economizer | Diff. Temp (Integrated) | | | |
| Thermostat | Setback Required | D | | |
| Fan Control | Variable Speed | | | |
| | | FIELD INSPEC | TION ENERGY CHECKLIST | |
| Equipment ² | Inspection Criteria | Pass | Fall - Describe Reason | |
| Item or System Tags (i.e. AC-1, RTU-1, HP-1) | HP E-2 | | | |
| Equipment Type ³ | Packaged VAV | | | |
| Number of Systems | 1 | | 0 | |
| Max Allowed Heating Capacity ¹ | 200,000 Btu/hr | | О | |
| Minimum Heating Efficiency ¹ | 3.20 COP | | | |
| Max Allowed Cooling Capacity ¹ | 192,000 Btu/hr | | | |
| Cooling Efficiency ¹ | 10.6 EER | | | |
| Duct Location/ R-Value | Attic, Roof Ins / 4.2 | | П | |
| When duct testing is required, submit MECH-4A & MECH-4-HERS | No | | | |
| Economizer | Diff. Temp (Integrated) | | | |
| Thermostat | Setback Required | | | |
| Fan Control | Variable Speed | | | |
| If the Actual installed equipment performance the building plans) the responsible party sha For additional detailed discrepancy use Page | variable Speed be efficiency and capacity is less than the Proposed (all resubmit energy compliance to include the new ch le 2 of the Inspection Checklist Form Compliance fail b), VAV, HP (Pkg or split), Hydronic, PTAC or other | from the energy cor anges | npliance submittal or from | |







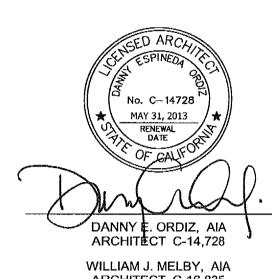
ARCHITECTS, INC. 5500 MING AVENUE BAKERSFIELD, CALIFORNIA 93309

(661) 832-5258

(661) 832-4291

TELEPHONE

FACSIMILE



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 93306

FOR:

BAKERSFIELD CITY SCHOOL DISTRICT 1300 BAKER STREET BAKERSFIELD CALIFORNIA 93305

| MARK | DATE | DESCRIPTION |
|-------------|------|-------------|
| \triangle | | |
| <u> </u> | | |
| <u> </u> | | |
| \triangle | | |
| | | |

JOB NUMBER: 200101244 CAD DRAWING FILE.

DRAWN BY:

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

THE DRAWINGS, IDEAS, AND DESIGNS REPRESENTED ON THIS SHEET ARE THE PROPERTY OF THE ARCHITECT COPYRIGHT ORDIZ-MELBY ARCHITECTS, INC 2010

SHEET TITLE TITLE 24 **BUILDING "E"**

SHEET IDENTIFICATION NUMBER M-522