PROJECT TEAM ChevronTexac Cañada College Modernization Mechanical Engineer Construction Management Architects Critchfield Mechanical. Inc. Noll & Tam Swinerton Management Architects 4085 Campbell Avenue & Construction Menlo Park, California 94025 4220 Farm Hill Blvd 729 Heinz Avenue, Suite 7 Berkeley, California 94710 Redwood City, California 94061 Tel: 510.649.8295 Tel: 650.306.3477 CENTRAL PLANT RENOVATION FAX: 650.306.3455 FAX: 510.649.3008 Electrical Engineer Structural Engineers Civil Engineers Jeff Sultan, PE **ZFA** Engineers Sandis Humber Iones San Mateo County Community College District 1700 Broadway Street, Suite 300 2081 Camino de los Robles 555 Howard Street San Fransisco, California 94105 Oakland, California 94612 Menlo Park, California 94025 415.243.4091 Tel: 510.873.8866 FAX: 510.873.8868 GENERAL SITE PLAN VICINITY MAP ARCHITECT'S STATEMENT With the exception of the General (G Series) and Architectural TO REDWOOD (A Series) these drawings and/or specifications and/or calculations for the items listed above have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. These documents have been examined by me for design intent and appear to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me. The items listed above have been coordinated with my plans and specifications and are acceptable for incorporation into the construction of this project for which I am the individual designated to be in general responsible charge. The accepted drawings are listed below. Christopher Noll, Principal NOLL & TAM Architects AREA OF WORK CA License No C15915 Expiration Date: 12/31/05 **Future** INDEX OF DRAWINGS GENERAL MECHANICAL COVER SHEET AND GENERAL NOTES PLUMBING SPEC., SYMBOLS, NOTES AND ABREVIATIONS NO. C15916 CODE SUMMARY MECHANICAL EQUIPMENT SCHEDULES OF CALIFORNIA CENTRAL PLANT CHILLER NEW CONSTRUCTION PLAN JOSE CIVIL NOTES, LEGEND, & ABBREVIATIONS M-05 IDENTIFICATION STAMP ISION OF THE STATE ARCHITE SITE UTILITY REFERENCE PLAN GRADING PLAN FILE # 41-C1 APPLICATION NUMBER 01 106992 UTILITY PLAN CHILLER CONTROL DIAGRAM MECHANICAL DETAILS AND SECTIONS **ARCHITECTURAL** MECHANICAL DETAILS PARTIAL SITE / FLOOR & ROOF PLANS PARTIAL EXTERIOR ELEVATION/SECTION ELECTRICAL SINGLE LINE DIAGRAM AND NOTES ELECTRICAL PLAN ELECTRICAL DETAILS STRUCTURAL GENERAL NOTES AND TYP DETAILS To PLAN AND ELEVATIONS PLANS AND DETAILS TO SAN FRANCISCO LEGEND DETAILS # | FUTURE BUILDING GENERAL SITE PLAN Reference North # EXISTING BUILDINGS ABBREVIATIONS ad CODE COMPLIANCE SCOPE OF WORK 2001 CALIFORNIA CODES RESILIENT CHAPTER 4 PART 1, TITLE 24 GENERAL NOTES, DSA ANCHOR BOLT ALTERATION TO BUILDING 3 JUNCTION BOX ROUGH OPENING **REQUIREMENTS** TITLE 24 C.C.R. ADMINISTRATIVE ASPHALTIC CONC REVISION 1. State of California Title 24(2001 Edition)— Part 1 Building Standards Administrative Code **REQUIREMENTS** * Addenda and Changes as per Section 4—338 * Inspector approved by DSA FURNISH ADDITIONAL CHILLER, NEW COOLING TOWER AND AREA DRAIN ELEVATOR/ELEVATION LINEAR FEET ROOM ADJACENT/ADJUSTABLE (PARTIAL LISTING ONLY) ASSOCIATED ELECTRICAL, SITE AND UTILITY WORK ELECTRICÁL PANEL LIGHT * Inspector and Continuous inspection of work per Section 4-333(b) and 4-342 * Tests and testing laboratory per Section RAIN WATER LEADER ABOVE FINISHED FLOOR 2. State of California Title 24(2001)— Part 2/Volume MAXIMUM SOLID CORE 1. A copy of Parts 1 and 2, Title 24, C.C.R. shall be kept California Building Codes ALTERNATE MECHANICAL EQUIPMENT SEE CIVIL DRAWINGS ALUMINUM MANUFACTURER FINISH All change orders and addend to be signed by the Architect and the Owner and approved by DSA. Change orders are not valid until approved by DSA Section 4—338, Part 1, title 24. 4-335 (Owner shall pay the testing laboratory) **SCHEDULE** 3. State of California Title 24(2001)— Part 2/Volume 2 **MANUFACTURER** * Special inspection per Section 4-333(c) * Contractor shall submit verified report per section EXHAUST STRUCTURAL ENGINEER California Building Codes **APPROXIMAT** MANHOLE **EXPANSION** SEE ELECTRICAL DRAWINGS 4-336 & 4-343 (c) MINIMUM SUPPLY FAN 4. State of California Title 24(2001 Edition)— Part 3 California Electrical All tests to conform to the requirements of Section 4—335, Part 1, Title 24, and approved T & I sheet. ' Administration of Construction per Part I, Title 24, C.C.R MISCELLANEOUS * Duties of Architect, Structural Engineer, or Professional Engineer per Section 4-333(a) and 4-341 * Duties of contractor per Section 4=343 * Verified Reports per Section 4-336 * A copy of Part 1 & 2 of Title 24, shall be kept SEE MECHANICAL DRAWINGS BUILDING FOUNDATION MOUNTED 4. Tests of materials and testing laboratory shall be in accordance with Section 4—335 of Part 1, Title 24 and the District shall employ and pay the laboratory. SLAB ON GRADE FIRE EXTINGUISHER CABINET STAINLESS STEEL 5. State of California Title 24(2001 Edition)— FACE OF FINISH NORTH BLOCKING SEE STRUCTURAL DRAWINGS Part 4 California Mechanical FACE OF STUD NEW and available in field during Construction * DSA shall be notified on start of construction per Section 4-331 STANDARD PROJECT INFORMATION NOT APPLICABLE SECTION prior to the placement of concrete per Section 4—33 6. State of California Title 24(2001 Edition)— Part 5 California Plumbing Code FINISHED FLOOR CERAMIC NOT IN CONTRACT **Cover Sheet** CEMENT/CEMENTITIOUS NOT TO SCALE 6. Inspector shall be approved by DSA. Inspector shall be in accordance with Section 4—333(b). The duty of the * Supervision by DSA per Section 4-343 * DSA is not subject to Arbitration SIMILAR CONCRÉTE MASONRY UNIT 7. State of California Title 24(2001 Edition)-NUMBER SPECIFICATION DSA APPLICATION NUMBERS DEFERRED APPROVAL ITEMS Part 6 California Energy Code **FLUORESCEN** ON CENTER FIRE RESISTANT/RETARDANT OUTSIDE FACE 8. State of California Title 24(2001 Edition)-7. Supervision of Construction by DSA shall be in accordance with section 4—334, Part 1, Title 24. FOOT OR FEET OWNER FURNISH-STRUCTURA Part 9 California Fire Code PROVIDE INFORMATION TO DSA FOR REVIEW AND BUILDING 1 CONTRACTOR INSTALL FIBERGLASS REINFORCED POLYESTER STOR **STORAGE** Contractor, Inspector, Architect, and Engineers shall 41554 105352 9. State of California Title 24(2001 Edition)— Part 12 California Referenced Standards COLUMN APPROVAL PRIOR TO CONSTRUCTION submit verified reports(Form SSS-6) in accordance with Section 4-336 and 4-343, Part 1, Title 24. 27796 105227 105352 105993 CONCRETE ELEPHONE BUILDING 3: **OPERABLE** GROUND FAULT INTERRUPT OPP HD CONNECTION OPPOSITE HAND TEMPERED 9. The Architect and the Structural Engineer shall perform BUILDING 5: 27796 VIBRATION AND SEISMIC CONTROLS FOR HVAC GLAM GLUE LAMINATED their duties in accordance with Section 4-33(a) and 4-341, Part 1, Title 24. CONTINUOUS THICK(NESS) OPNG OPENING BUILDING 6: 27796 PIPING AND EQUIPMENT 10. Title 19 CCR, Public Safety, TOP OF CONCRETE/CURB CONTRACTOR OPP OPERSETED GARAGE DOOR State Fire Marshal Regulations National Reference Standards BUILDING 8: 27796 10. The Contractor shall perform his duties in accordance with Section 4—343, Part1, Title 24. 11. The intent of the drawings and specifications is to GALVANIZED TOP OF STEEL/SHÉATHING BUILDING 13: 27796 SUBMIT ITEMS PER TITLE 24 CCR PART 1 GLASS, GLAZING TOW TOP OF WALL PRESSURE TREATED ASD(AISC) Manual of Steel Construction, 9th Edition BUILDING 16: 27796 DEPT GALVANIZED SHEET METAL DEPARTMENT TUBE STEEL POLYVINYLCHLORIDE reconstruct the school building in accordance with Title 24. C.C.R. Should any conditions develop not covered by the 4-317(G) BUILDING 17: 27796 105352 ACI-318-95 Code & Commentary GYPSUM WALLBOARD DOUGLAS FIR/ TYPICAL PARTN PARTITION GYP GYPSUM BUILDING 18: 27796 105993 contract documents wherein the finished work will not comply with Title 24, C.C.R., a change order detailing and DRINKING FOÙNTAIN NFPA 13, Automatic Sprinkler System, 1999 Edition UNLESS OTHERWISE NOTED NOTE: FABRICATION OF DEFERRED APPROVAL DOWNSPOUT VINYL COMPOSITION TILE FIRE ALARM 105931 PLASTIC LAMINATE NFPA 14, Installation of Standpipe and Hose Systems, ITEMS SHALL NOT BEGIN WITHOUT FIRST specify the required work shall be submitted to and HOLLOW CORE DOUBLE VERIFY IN FIELD 2000 Edition PLYWOOD approved by the Office of regulation Services before OBTAINING THE APPROVAL OF PLANS AND PREFABRICATED CELL HOLLOW METAL DEMOLITION **VENT** VENTILATION NFPA 17-A, Wet Chemical Extinguishing Systems, Proceeding with the work. SPECIFICATIONS BY DSA. PHONE BUILDING: 100925 HEATING VENTILATING & AIR VERT VEST DETAIL VERTICAL PROJECT/PROJECTOR CONDITIONING DIAMETER VESTIBULE NFPA 24. Installation of Private Fire Service Mains, 1995 Edition PAINTED DIM DISP HEADER DIMENSION WEST, WIDTH QUANTITY HDWD HARDWOOD WITH NFPA 72, National Fire Alarm Code. 1999 Edition DISPOSAL RADIUS HDW HARDWARE WITHOUT DOWN ROOF DRAIN NFPA 90A, 2002 Edition HORIZ HORIZONTAL REFERENCE WATER CLOSET DWR DRAWER REFRIGERATOR WATER RESISTANT DWG DRAWING REGISTER INSUL INSULATION WEIGHT REQUIRED INTERIOR