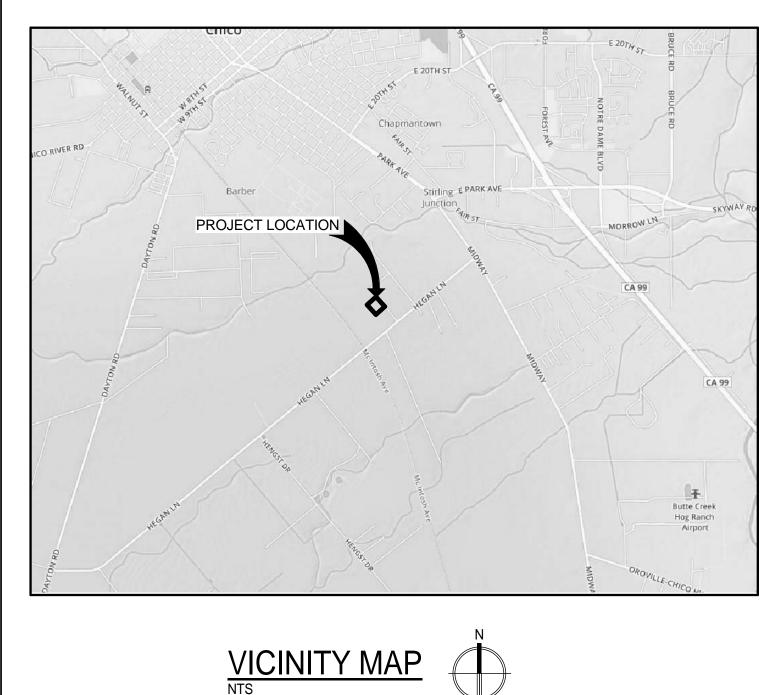
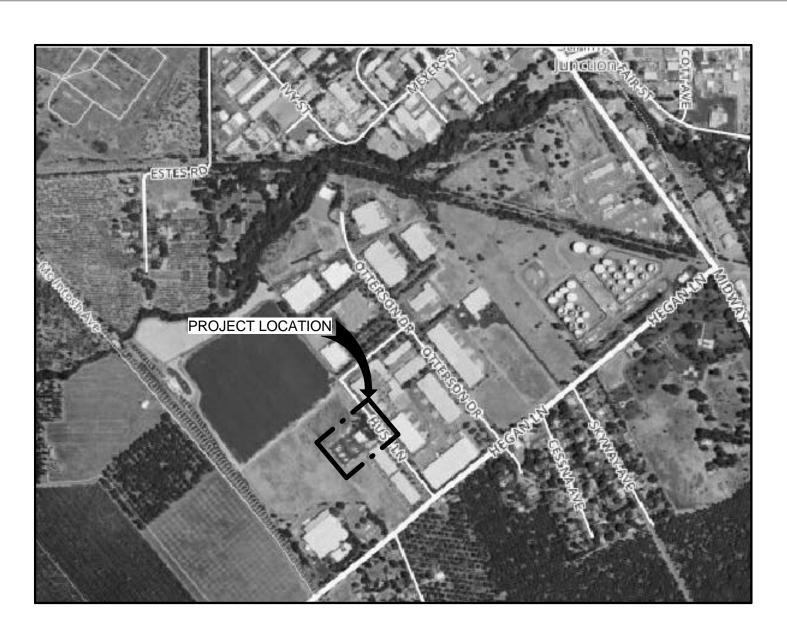
# BUTTE COUNTY ASSOCIATION OF GOVERNMENTS BUTTE REGIONAL TRANSIT OPERATIONS CENTER TENANT IMPROVEMENT 326 HUSS LANE CHICO, CA

2013 California Green Building Standard Code (CGC) Non Residential Checklist

Verte         Water budget. A water budget shall be developed for source of the source of the so			
STTE DEVELOPMENT (5.100)         Outdoor petable water use. For new water service.           Short Term bicycle parking. The project is an incipated to generate visitor traffic, provide permently anchored bicycle         Irrigation design. In new norresidential projects with a which the MLO apples), install ingation controllers.           Long. Term bicycle parking. For buildings with ver 10 tenant-occupants, provide secure bicycle parking for 5 percent of twich the MLO apples), install ingation controllers. Automatic irrigation explained system costs.         Irrigation design. In new norresidential projects with a which the MLO apples), install ingation system costs.           Designated parking. Provide designated parking for ary combination of low-emitting. fuel-efficient and cappool/van pool         Weather protection. Provide a weather-esistant cost.           Light pollution reduction. Comply with lighting power requirements in the California Energy Code set with a building to protection. Provide a weather-esistant cost.         Weather protection. Provide a weather-esistant cost.           Meters. Separate meters shall be installed for the uses described in Sections 505.11 through 503.12.         Metistre control lens. Not REPEDUC           Building in excess of 50,000 square feet. Separate submeters shall be installed a follows:         Construction wate diversion. Comply with a building that is projected to consume more than 100 gal/dy.           2. For spaces used for laundry or cleaners, restaurant of food service, medical or dental office, laboratory or beauty sale on or brider shop projected or consume more than 100 gal/dy.         Construction wate diversion. Comply with Solono Verification and exporting recoureshouthin a bu	Feature or Measure	Yes	OUTDOOR W Water budget. A water budget shall be developed for 1
Short. Term blcycle parking. If the project is anticipated to generate visitor traffic, provide permanently anchored bicycle parking tracks within 200 feet of the visitors' entrance, readjuvisito the parking visitor is parsen-by, for 5 percent of visitor motorized vehicle parking the provide designated parking capacity, with a minimum of one space per CGC 5.106.4.1.       outdoor pathole water use for landscaped areas betwee the provide secure bicycle parking for 5 percent of tenant-occupied motorized vehicle parking capacity, with a minimum of one space per CGC 5.106.4.2.       outdoor pathole water use for landscaped areas betwee the provide secure bicycle parking for 5 percent of tenant-occupied motorized vehicle parking for any combination of low-emitting, fuel-efficient and carpool/van pool tenits is recommendation CGC 5.304.3.1         Designated parking. Frowide designated parking for any combination of low-emitting, fuel-efficient and carpool/van pool tenits and tent of the second s	SITE DEVELOPMENT (5.106)		
Designated parking. Provide designated parking for any combination of low-emitting, fuel-efficient and carpool/van pool       Image: Construction of Construction Construction Compliance with Construction Compliance Active Construction Compliance Active Construction Construction Construction Construction Compliance Construction Construction Compliance Active Construction C	<b>Short-Term bicycle parking.</b> If the project is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5 percent of visitor motorized vehicle parking capacity, with a minimum of one two-bike capacity rack per CGC 5.106.4.1. <b>Long-Term bicycle parking.</b> For buildings with over 10 tenant-occupants, provide secure bicycle parking for 5 percent of		outdoor potable water use for landscaped areas between Irrigation design. In new nonresidential projects with a at which the MLO applies), install irrigation controllers manufacturer's recommendations CGC 5.304.3. Irrigation controllers. Automatic irrigation system cont
Light pollution reduction. Comply with lighting power requirements in the California Energy Code and in compliance with       Code Section 1403.2 and California Energy Code Section 2403.2 and California Energy Code Sectemp 2404.2 and Califorin 2403.2 and Califoria Energy Code Section	vehicles as shown in Table 5.106.5.2.		WEATHER RESISTANCE AND
WATER EFFICIENCY AND CONSERVATION         Meters. Separate meters shall be installed for the uses described in Sections 503.1.1 through 503.1.2.       Moisture control. Employ moisture control measure Sprinklers. Prevent irrigation spray on structure and futures and particles and futures and particles and futures and particles and futures and particles and futures and futures and futures futures and particles and futures and particles and adjusting reset of commissioning report. A complete report of commissioning report. A completer report of commissioning reports. Include a shall be designed to only allow one showerhead is be in operation at time (CGC 5.303.2.1).         Multiple showerheads serving one shower heads shall net exceed the maximum flow rate of shall be designed to only allow one showerheads is and instruction and reports. Include a copy of all inspections and reports. Include a copy of all inspections and reports. Include a copy of all inspections and reports. Include a			Code Section 1403.2 and California Energy Code Sect
INDOOR WATER USE (CGC 5.303)         Meters. Separate meters shall be installed for the uses described in Sections 503.1.1 through 503.1.2.         Buildings in excess of 50,000 square feet. Separate submeters shall be installed as follows:         1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day.         2. For spaces used for landry or cleaners, restaurant or food service, medical or dental office, laboratory or beauty salon or barber shop projected to consume more than 100 gal/day.         Excess consumption. Any building within a project or space within a building that is projected to consume more than 100 gal/day.         20 percent shall be provided per CGC 5.303.2. (Calculate savings by Water Use Worksheets)         Multiple showerheads serving one shower. When single shower fixtures are served by more than one showerhead, the combined flow rate of all the showerheads shall not exceed the maximum flow rates specified in the 20 percent reduction contained in Table 5.303.2.3 or the shower hashl be designed to only allow one showerhead to be in operation at a time (CGC 5.303.2.1).         Wasterwater reduction. Each building fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with type single or dual flush, maximum flush volume         Water closets (toilets) – flushometer valve type single or dual flush, non-water urinals.       Testing and adjusting are served by more than enceptient and copies of guaranties/warranties/or each system perceptient of the calceled ac complete the core of the unifolding shall reduce the generation of wastewater by one of the methods per CGC 5.303.4:         Multiple shower	WATER EFFICIENCY AND CONSERVATION		
Buildings in excess of 50,000 square feet. Separate submeters shall be installed as follows:       Image: Construction waste diversion. Comply with Solano         Buildings in excess of 50,000 square feet. Separate submeters shall be installed as follows:       Image: Construction waste diversion. Comply with Solano         Sector in the state of the state of the tenant space within the building projected to consume more than 100 gal/day.       Image: Construction waste diversion. Comply with Solano         Verification of barber shop projected to consume more than 100 gal/day.       Image: Construction waste diversion. Comply with Solano         20 percent savings. A schedule of plumbing fixtures and fixture fittings that will reduce the overall use of potable water within the building by 20 percent shall be provided per CGC 5.303.2. (Calculate savings by Water Use Worksheets)       Image: Construction and reporting recommensioning requirements biated for a complex with a digusting of system of combined flow rate of all the showerheads shall not exceed the maximum flow rate specified in the 20 percent reduction column contanied in Table 5.303.2.3 or the shower shall be designed to only allow one showerheads is hall reduce the generation of wastewater by one of the methods per CGC 5.303.4:       Image: Construction and reports. Include a copy of all inspections and reports. Include a copy of all inspections and reports. Include a cony of all inspections and requirements inted for each type in Itable 5.303.6:         Wasterw	INDOOR WATER USE (CGC 5.303)		Sprinklers. Prevent irrigation spray on structures p
Wastewater reduction. Each building shart reduce the generation of wastewater by one of the methods per Coce 5.505.4.       Image: complex control of wastewater by one of the methods per Coce 5.505.4.         Plumbing fixtures and fittings. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the requirements listed for each type in Items listed in Table 5.303.6:       Image: complex closets (toilets) - flushometer valve type single or dual flush, maximum flush volume       Image: complex closets (toilets) - tank type         2.       Water closets (toilets) - tank type       Image: complex closets (toilets) - tank type       Image: complex closets (toilets) - tank type         3.       Urinals, maximum flush volume       Image: complex closets (toilets) - tank type       Image: complex closets (toilets) - tank type         5.       Public lavatory faucets : Maximum flow rate-0.5 gpm       Image: complex closets (toilets) - tank type       Image: complex closets (toilets) - tank type         6.       Public metering self-closing faucets : Maximum flow rate-0.25 gallon per cycle       Image: complex closet the tank type the tank type       Image: complex closet tank type         6.       Public metering self-closing faucets : Maximum flow rate-0.25 gallon per cycle       Image: complex closet tank type       Image: complex closet tank type	<ul> <li>Buildings in excess of 50,000 square feet. Separate submeters shall be installed as follows: <ol> <li>For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day.</li> <li>For spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory or beauty salon or barber shop projected to consume more than 100 gal/day.</li> </ol> </li> <li>Excess consumption. Any building within a project or space within a building that is projected to consume more than 1,000 gal/day.</li> <li>20 percent savings. A schedule of plumbing fixtures and fixture fittings that will reduce the overall use of potable water within the building by 20 percent shall be provided per CGC 5.303.2. (Calculate savings by Water Use Worksheets)</li> </ul> Multiple showerheads serving one shower. When single shower fixtures are served by more than one showerhead, the combined flow rate of all the showerheads shall not exceed the maximum flow rates specified in the 20 percent reduction column contained in Table 5.303.2.3 or the shower shall be designed to only allow one showerhead to be in operation at a time (CGC 5.303.2.1).		Testing and adjusting. Testing and adjusting of system CGC 5.410.4.
<ul> <li>comply with the requirements listed for each type in Items listed in Table 5.303.6:         <ol> <li>Water closets (toilets) – flushometer valve type single or dual flush, maximum flush volume</li> <li>Water closets (toilets) – tank type</li> <li>Urinals, maximum flush volume</li> <li>Urinals, non-water urinals</li> <li>Public lavatory faucets : Maximum flow rate-0.5 gpm</li> <li>Public metering self-closing faucets : Maximum flow rate-0.25 gallon per cycle</li> </ol> </li> </ul>			and copies of guaranties/warranties for each system price
	<ul> <li>comply with the requirements listed for each type in Items listed in Table 5.303.6:</li> <li>1. Water closets (toilets) – flushometer valve type single or dual flush, maximum flush volume</li> <li>2. Water closets (toilets) – tank type</li> <li>3. Urinals, maximum flush volume</li> <li>4. Urinals, non-water urinals</li> <li>5. Public lavatory faucets : Maximum flow rate-0.5 gpm</li> <li>6. Public metering self-closing faucets : Maximum flow rate-0.25 gallon per cycle</li> </ul>		Inspections and reports. Include a copy of all inspective ENVIRON GAS FIRE Install only a direct-vent sealed-combustion gas or sealer residential requirements in the <i>California Energy Code</i> , Woodstoves. Woodstoves shall comply with US E







# 50% CONSTRUCTION DOCUMENTS

ATER USE (CGC 5.304)	
ndscape irrigation use per CGC 5.304.1.	
arate meters or submeters shall be installed for indoor and	a
1,000 square feet and 5,000 square feet per CGC 5.304.2.	
etween 1,000 and 2,500 square feet of landscaped area (the level	
and sensors which include the following criteria and meet	
ller installed at the time offinal increation shall some burith OCO	
ollers installed at the time of final inspection shall comply with CGC	
AOISTURE MANAGEMENT (CGC 5.407)	
or wall and foundation envelope as required by <i>California Building</i>	
on 150, manufacturer's installation instructions or local ordinance,	
y the following methods;	
er CGC 5.407.2.1.	
enings to prevent water intrusion into buildings per CGC 5.407.2.2.	
ON, DISPOSAL AND RECYCLING (CGC 5.408)	7.
unty Construction and Demolition Debris Recycling Program	
aste management report shall be provided.	
CE AND OPERATION (CGC 5.410)	
s that serve the entire building and are identified for the depositing,	
s that serve the entire building and are identified for the depositing, voling per CGC 5.410.1	
s that serve the entire building and are identified for the depositing, veling per CGC 5.410.1 nd over, building commissioning for all building systems	
s that serve the entire building and are identified for the depositing, voling per CGC 5.410.1 nd over, building commissioning for all building systems energy systems shall be included in the design and construction	
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s that serve the entire building and are identified for the depositing, voling per CGC 5.410.1 nd over, building commissioning for all building systems energy systems shall be included in the design and construction ements shall include items listed in Section 5.410.2. oning process activities undertaken through the design,	
s that serve the entire building and are identified for the depositing, voling per CGC 5.410.1 nd over, building commissioning for all building systems energy systems shall be included in the design and construction ements shall include items listed in Section 5.410.2.	
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s that serve the entire building and are identified for the depositing, voling per CGC 5.410.1 and over, building commissioning for all building systems energy systems shall be included in the design and construction ements shall include items listed in Section 5.410.2. coning process activities undertaken through the design, instruction phases of the building project shall be completed and as shall be required for buildings less than 10,000 square feet per	
s that serve the entire building and are identified for the depositing, voling per CGC 5.410.1 and over, building commissioning for all building systems energy systems shall be included in the design and construction ements shall include items listed in Section 5.410.2. coning process activities undertaken through the design, instruction phases of the building project shall be completed and as shall be required for buildings less than 10,000 square feet per ling owner with detailed operating and maintenance instructions	
s that serve the entire building and are identified for the depositing, voling per CGC 5.410.1 and over, building commissioning for all building systems energy systems shall be included in the design and construction ements shall include items listed in Section 5.410.2. coning process activities undertaken through the design, instruction phases of the building project shall be completed and a shall be required for buildings less than 10,000 square feet per ling owner with detailed operating and maintenance instructions r to final inspection per CBC 5.410.4.5.	
s that serve the entire building and are identified for the depositing, voling per CGC 5.410.1 and over, building commissioning for all building systems energy systems shall be included in the design and construction ements shall include items listed in Section 5.410.2. oning process activities undertaken through the design, instruction phases of the building project shall be completed and a shall be required for buildings less than 10,000 square feet per ting owner with detailed operating and maintenance instructions r to final inspection per CBC 5.410.4.5. In verifications and reports required by the enforcing agency.	
s that serve the entire building and are identified for the depositing, voling per CGC 5.410.1 and over, building commissioning for all building systems energy systems shall be included in the design and construction ements shall include items listed in Section 5.410.2. coning process activities undertaken through the design, instruction phases of the building project shall be completed and as shall be required for buildings less than 10,000 square feet per ting owner with detailed operating and maintenance instructions r to final inspection per CBC 5.410.4.5. in verifications and reports required by the enforcing agency. MENTAL QUALITY	
s that serve the entire building and are identified for the depositing, voling per CGC 5.410.1 and over, building commissioning for all building systems energy systems shall be included in the design and construction ements shall include items listed in Section 5.410.2. coning process activities undertaken through the design, instruction phases of the building project shall be completed and as shall be required for buildings less than 10,000 square feet per ling owner with detailed operating and maintenance instructions r to final inspection per CBC 5.410.4.5. In verifications and reports required by the enforcing agency. MENTAL QUALITY CLACES (CGC 5.503)	
s that serve the entire building and are identified for the depositing, voling per CGC 5.410.1 and over, building commissioning for all building systems energy systems shall be included in the design and construction ements shall include items listed in Section 5.410.2. oning process activities undertaken through the design, instruction phases of the building project shall be completed and as shall be required for buildings less than 10,000 square feet per ling owner with detailed operating and maintenance instructions r to final inspection per CBC 5.410.4.5. in verifications and reports required by the enforcing agency. MENTAL QUALITY LACES (CGC 5.503) d wood-burning fireplace or a sealed woodstove and refer to	
s that serve the entire building and are identified for the depositing, voling per CGC 5.410.1 and over, building commissioning for all building systems energy systems shall be included in the design and construction ements shall include items listed in Section 5.410.2. oning process activities undertaken through the design, instruction phases of the building project shall be completed and as shall be required for buildings less than 10,000 square feet per ling owner with detailed operating and maintenance instructions r to final inspection per CBC 5.410.4.5. in verifications and reports required by the enforcing agency. <b>MENTAL QUALITY</b> <b>LACES (CGC 5.503)</b> d wood-burning fireplace or a sealed woodstove and refer to Title 24, Part 6, Subchapter 7, Section 150.	
s that serve the entire building and are identified for the depositing, voling per CGC 5.410.1 and over, building commissioning for all building systems energy systems shall be included in the design and construction ements shall include items listed in Section 5.410.2. coning process activities undertaken through the design, instruction phases of the building project shall be completed and as shall be required for buildings less than 10,000 square feet per	

POLUTANT CONTROL (					
<b>Covering of duct openings and protection of mechanical equipment during construction.</b> At the time of rough installation or during storage on the construction site and until final startup of the heating and cooling equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal or other methods acceptable to the enforcing agency to reduce the amount of dust or debris which may collect in the system per CGC 5.504.3.					
Finish material pollutant control. Finish materials shall comply wit Adhesives, sealants, caulks. Adhesives and sealants used on the proj listed in CGC 5.504.4.1.					
Paints and coatings. Architectural paints and coatings shall comply v limits apply. Verification. Verification of compliance with this section shall be pre-					
<b>Carpet systems.</b> All carpet installed in the building interior shall meet standards listed in Section 5.504.4.4.					
<b>Composite wood products.</b> Hardwood plywood, particleboard and m used on the interior or exterior of the building shall meet the requirem 5.504.4.5					
Resilient flooring systems. Comply with the VOC-emission limits defined in the 2009 CHPS criteria and listed on its Low-emitting Materials List (or Product Registry) or certified under the FloorScore program of the Resilient Floor Covering Institute. Verification of compliance. Documentation shall be provided verifying that resilient flooring materials meet the collutant emission limits.					
Hazar dous particulates and chemical pollutants. Minimize and cor contamination of regularly occupied areas. Filters. In mechanically ventilated buildings, provide regularly o media for outside and return air prior to occupancy that provides	ccupied areas of the building with air filtration				
Responsible Designer's Declaration Statement	Contractor Declaration Statement				
I hereby certify that this project has been designed to meet the requirements of the 2013 California Green Building Standards Code. I hereby certify, as the builder or installer under permit listed he that this project will be constructed to meet the requirements of California Green Building Standards Code.					
Name: JAY MONNIN Name:					
Signature: Signature:					
Date: x/x/2015	Date:				
Company: KITCHELL CEM	License:				
Address: 2750 GATEWAY OAKS DRIVE, SUITE 300 SACRAMENTO, CA 95833	Address:				

# **PROJECT SCOPE**

THIS PROJECT IS FOR THE RENOVATION OF THE EXISTING BUS MAINTENANCE AND TRANSIT OPERATIONS CENTER FOR THE BUTTE COUNTY ASSOCIATIONS OF GOVERNMENTS. THE SCOPE INCLUDES THE REMOVAL OF ALL EQUIPMENT AND NON-STRUCTURAL WALLS AT THE BUILDING INTERIOR AND THE REMOVAL OF ALL ROOF MOUNTED EQUIPMENT. NEW CONSTRUCTION INCLUDES NEW WALLS AND EQUIPMENT AS INDICATED ON THE PLANS. SITE WORK IS LIMITED TO WHAT IS DEPICTED ON THE PLANS, MOST SITE IMPROVEMENTS ARE TO OCCUR UNDER A SEPARATE PERMIT PRIOR TO THE RENOVATION OF THIS BUILDING.

# CONSULTANT

ARCHITECTURAL, STRUCTURAL, MECHANICAL, & ELECTRICAL: KITCHELL CEM 2750 GATEWAY OAKS DR SUITE 300

SACRAMENTO, CA 95833

PH. 916.648.9700 FAX 916.648.6534

PROJECT ARCHITECT: JAY MONNIN, R.A. STRUCTURAL ENGINEER: DANNY VANG, P.E. MECHANICAL ENGINEER: NGUYEN TRAN, P.E. ELECTRICAL ENGINEER: GERALD NEUFFER, P.E.

# SHEET INDEX

GENERAL G001 COVER SHEET ARCHITECTURE A001 ARCHITECTURAL ABBREVIATIONS, SYMBOLS & NOTES A100 ARCHITECTURAL SITE PLAN A101 ENLARGED SITE PLAN AD201 DEMO FLOOR PLAN DEMO ROOF PLAN AD230 A201 FLOOR PLAN A211 ENLARGED FLOOR PLANS A221 REFLECTED CEILING PLAN A222 ENLARGED CEILING PLAN A230 ROOF PLAN A301 EXTERIOR ELEVATIONS A401 **BUILDING SECTIONS** A501 WALL SECTIONS A601 SIGNAGE PLAN & ROOM FINISH SCHEDULE A602 INTERIOR ELEVATIONS A603 INTERIOR ELEVATIONS A604 INTERIOR ELEVATIONS A610 **RESTROOM ENLARGED PLANS & ELEVATIONS** A701 WINDOW SCHEDULES & DETAILS A702 DOOR SCHEDULES & DETAILS STRUCTURAL S001 STRUCTURAL ABBREVATIONS, SYMBOLS, & NOTES GENERAL NOTES AND TYPICAL DETAILS S002 S003 STRUCTURAL TYPICAL DETAILS S004 STRUCTURAL TYPICAL DETAILS S200 FOUNDATION PLAN & DETAILS S210 ENLARGED PLATFORM / RAMP FRAMING PLAN & DETAILS MECHANICAL M001 MECHANICAL ABBREVIATIONS, SYMBOLS, & NOTES M201 MECHANICAL PLAN MECHANICAL REFRIGERANT & CONDENSATE PLAN M202 M701 MECHANICAL DETAILS M702 MECHANICAL DETAILS M801 MECHANICAL SCHEDULES M802 VRF SYSTEM PIPING DIAGRAM M803 VRF SYSTEM WIRINGDIAGRAM ELECTRICAL E001 ELECTRICAL ABBREVIATIONS, SYMBOLS, & NOTES E100 ELECTRICAL SITE PLAN E201 ELECTRICAL POWER PLAN E202 ELECTRICAL LIGHTING PLAN E203 ELECTRICAL DATA PLAN E204 FIRE ALARM PLAN E205 SECURITY & A/V PLANS E801 ELECTRICAL SINGLE LINE DIAGRAM PLUMBING PLUMBING ABBREVIATIONS, SYMBOLS & NOTES P001

PLUMBING FLOOR PLAN WITH PLUMBING FIXTURES LOCATED

P201

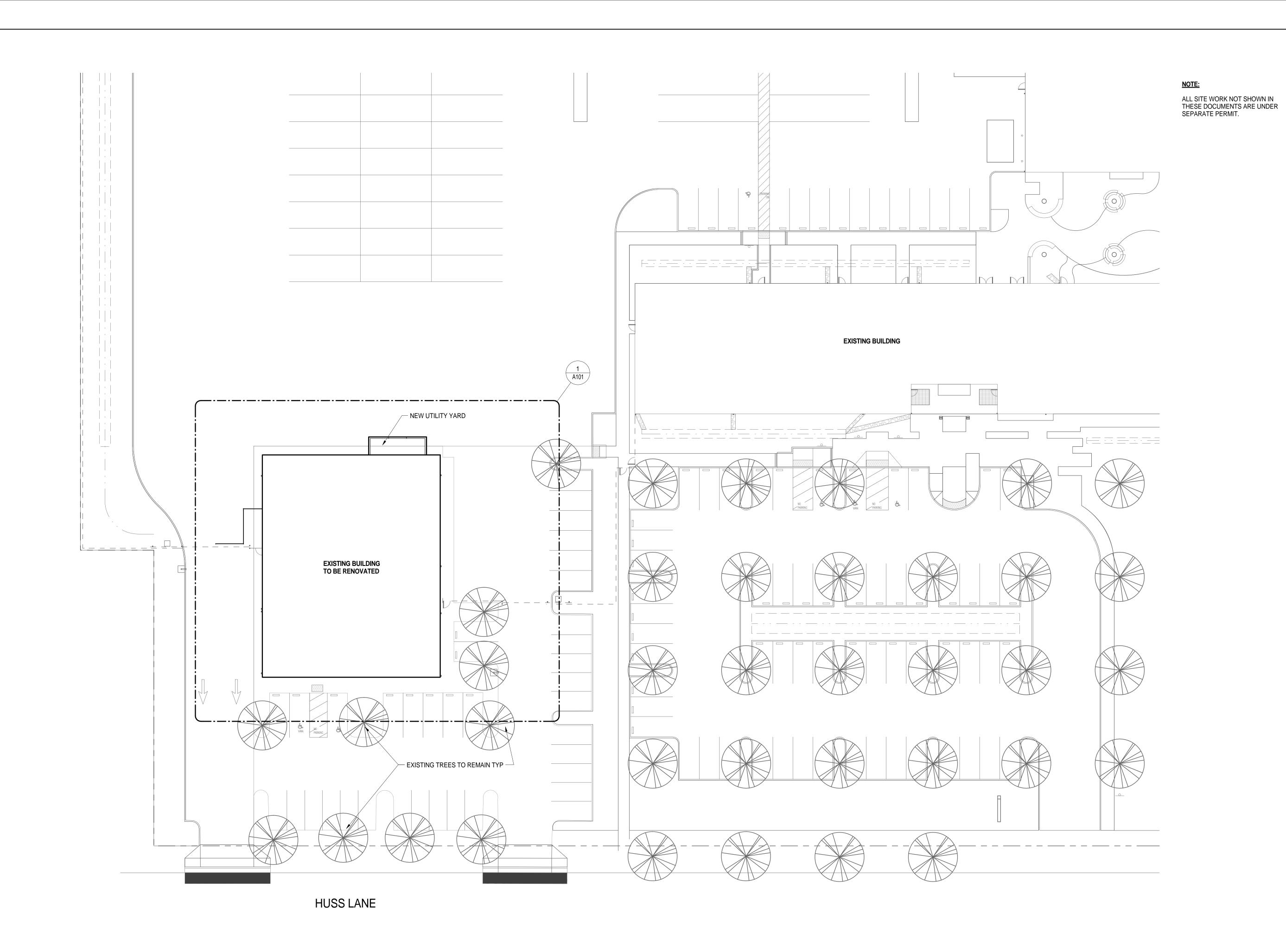
Gateway Suite 30	ento, CA. 958	-	
	BCAGARON BUTTE COUNTY ASSOCIATION OF GOVERNMENTS		N OF
	BUTTE REGIONAL TRANSIT OPERATIONS CENTER	326 HUSS LANE, CHICO CA	BUTTE COUNTY ASSOCIATION OF GOVERNMENTS
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SCALE:	/ISIONS Desc	ription	Date

ARCHITECTURAL ABBRE	VIATIC	NS							ARCHITECTUR	RAL MATERIALS	ARCHITEC	TURAL SYMBOLS				< KITC	
SYMBOL DESCRIPTION	SYMBO	DL DESCRIPTION	SYMBC HBD	DL DESCRIPTION	SYMBO PNT	L DESCRIPTION	SYMBO TK BD		SYMBOL	DESCRIPTION	DESCRIPTION	SYMBOL		DESCRIPTION	SYMBOL	Capital Expenditure Managers Gateway Oaks Drive Suite 300	
ABCABOVE CEILINGAFFABOVE FINISHED FLOORACC DRACCESS DOORACC FLACCESS FLOORACC PLACCESS PANELACCACCESS	DP DEMO DMT DEP DF DA	DEEP/DEPTH DEMOLISH/DEMOLITION DEMOUNTABLE DEPRESSED/DEPRESSION DRINKING FOUNTAIN DISABLED ACCESS	HDWR HDWD HD HDR HTG HVAC	HARDWARE HARDWOOD HEAD/HEAVY DUTY HEADER HEATING HEATING VENTILATING AIR	PR PNL PB PTD PBD PTN	PAIR PANEL PANIC BAR PAPER TOWEL DISPENSER PARTICLE BOARD PARTITION	TV TEMP TECH TB TER THERM	TELEVISION TEMPERED TECHNICAL TERMINATION BAR TERRAZZO		EARTH ROCK FILL	NORTH ARROW	N		INTERNATIONAL SYMBOL OF ACCESSIBILITY	E	Sacramento, CA. 95833 (916) 648-9700	
ACCES ACCESSORIES ACOUST ACOUSTICAL ACOUST ACOUSTICAL INSULATION INSUL ADD ADDENDUM/ADDENDA ADH ADHESIVE	DISP DIV DR DL DO DBI	DISPENSER DIVISION DOOR DOOR LOUVER DOOR OPENING DOUBLE	HT HP HPT HC HM	CONDITIONING HEIGHT HORSE POWER HIGH POINT HOLLOW CORE/HANDICAP HOLLOW METAL	PVMT PV d PERIM PERP PLAS	PAVEMENT PHOTO VOLTAIC PENNY (NAIL SIZE) PERIMETER PERPENDICULAR PLASTER	THR TPH TSCD T&G TRBG	THRESHOLD TOILET PAPER HOLDER TOILET SEAT COVER DISPENSER TONGUE AND GROOVE TOOL RESISTANT BARRIER		SAND / MORTAR / PLASTER / GROUT CAST IN PLACE, PRECAST OR INFILL CONCRETE	MATCH LINE	1 / A101A 1 / A101B	VIEW NUMBER / SHEET NUMBER  SHADED PORTION IS SIDE CONSIDERED	KEYNOTE TAG DOOR TAG	(101)		
ADJ ADJACENT ADJST ADJUSTABLE ADMIN ADMINISTRATION	DH DS DWR	DOUBLE HUNG DOWNSPOUT DRAWER	HK HORIZ HB	HOOK HORIZONTAL HOSE BIBB	PLAM PL PG	PLASTIC LAMINATE PLATE PLATE GLASS	TJ T&B	GRILLE TOOLED JOINT TOP AND BOTTOM		CMU WALL	DATUM HEIGHT	•		WINDOW TAG	2		
AD SEG ADMINISTRATIVE SEGREGATION AGG AGGREGATE A/C AIR CONDITIONING	DWG DW	DRAWING DUMBWAITER	HR HW	HOSE RACK/HOUR/HANDRAIL HOT WATER	PLBG PLYWD PCKT(S)	POCKET(S)	TOC TOP TOS TOW	TOP OF CONCRETE/CURB TOP OF PAVING TOP OF STEEL TOP OF WALL		STEEL		(0.0)		WALL TAG	A		
AHU AIR HANDLING UNIT AB ANCHOR BOLT LL ANGLE, LENGTH L ANGLE/LENGTH @ AT	EW EP ELEC EPNL EWC	EACH WAY EDGE OF PAVEMENT ELECTRICAL ELECTRICAL PANELBOARD ELECTRICAL WATER	ID INSUL INT ISA	INSIDE DIAMETER INSULATION INTERIOR INTERNATIONAL SYMBOL OF ACCESSIBILITY	PT POL PVC PCP	POINT POLISHED POLYVINYL CHLORIDE PORTLAND CEMENT PLASTER	TR TRANS TRD TS	TRANSOM		WOOD FINISH	GRID LINES	0.0		EQUIPMENT TAG	C1045802		
ANOD ANODIZED AD AREA DRAIN ASB ASBESTOS ASPH ASPHALT	EWH ELEV ELV	COOLER ELECTRICAL WATER HEATER ELEVATION ELEVATOR	INV IE JAN	INVERT INVERT ELEVATION JANITOR JOINT	PTC PCF PSF PSI PCC	POST-TENSIONED CONCRETE POUNDS PER CUBIC FOOT POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH	UC UL UNIF UON	UNDERCUT UNDERWRITER'S LABORATORY UNIFORM UNLESS OTHERWISE NOTED		WOOD FRAMING THRU MEMBER WOOD FRAMING INTERRUPTED MEMBER	BUILDING SECTION		ECTION IDENTIFIER	LIMIT OF WORK			
ACASPHALTIC CONCRETEATASPHALTIC TILEA/VAUDIO/VISUALAFSAUTOMATIC FIRE SPRINKLER	EMER ENCL EQUIP EQ ENT	EMERGENCY ENCLOSURE EQUIPMENT EQUAL ENTRANCE	JST KP KIT	JOIST KICK PLATE KITCHEN	PCC PFN PRF PREP PSC	PRECAST CONCRETE PREFINISHED PREFORMED PREPARATION PRESTRESSED CONCRETE	UR UTIL VA	URINAL UTILITY VACUUM ADHERED		PLYWOOD	WALL SECTION			CHAIN LINK FENCE	x x x		
BSMT BASEMENT BM BEAM BRG BEARING BEL BELOW	ESC EXC EF (E) EXP	ESCAPE EXCAVATE EXHAUST FAN EXISTING EXPANSION	KE KO LBL LAD	KITCHEN EQUIPMENT KNOCKOUT LABEL LADDER	PL, P/L PROT QT	PROPERTY LINE PROTECTED/PROTECTION QUARRY TILE	VNR VTR VENT VIF VEST	VENEER VENT THROUGH ROOF VENTILATOR/VENTILATION VERIFY IN FIELD VESTIBULE		ACOUSTIC TILE OR BOARD	DETAIL SECTION		SECTION IDENTIFIER	LOUVER TAG	10		ЦО
BPBENT PLATEBETBETWEENBEVBEVELEDBITUMBITUMINOUSBLKBLOCK	EB EJ ES EXP	EXPANSION BOLT EXPANSION JOINT EXPANSION SHIELD EXPOSED EXTERIOR	LB LAM LAV LH LT	LAG BOLT/POUND LAMINATE LAVATORY LEFT HAND LIGHT	R RWL RECEP REC BWD	RADIUS/RISER RAIN WATER LEADER RECEPTACLE RECESSED REDWOOD	VB VCT VF VJ VOL	VINYL BASE VINYL COMPOSITION TILE VINYL FABRIC V-JOINT VOLUME		LINES AT SMALL SCALE BATT INSULATION	BUILDING ELEVATION	4	VIEW NUMBER(S)	INSTALLATION SIDE FOR GLAZING STOPS	•		
BLKGBLOCKINGBDBOARDBSBOTH SIDESBWBOTHWAYS/BARBED WIRE	EIFS	EXTERIOR INSULATION & FINISH SYSTEM FABRICATE	LSD LKR LONG LVR	LIQUID SOAP DISPENSER LOCKER LONGITUDINAL LOUVER	RE REFL REF RCP	REFERENCE REFLECTED REFRIGERATOR REINFORCED CONCRETE	WSCT WTW WC	WAINSCOT WALL TO WALL WATER CLOSET		RIGID INSULATION	INTERIOR ELEVATION	4 <( xxxx )>2 −	VIEW NUMBER(S)	FIRE DEPARTMENT CONNECTION	Â	ATIONS	SOCIA
BRDG BRIDGING BRNZ BRONZE BUR BUILT-UP ROOF	FoB FoC FoM FoP	FACE OF BRICK FACE OF CONCRETE FACE OF MASONRY FACE OF PANEL	LPT MACH MB	LOW POINT MACHINE MACHINE BOLT	REINF REM RESIL	PIPE REINFORCED/REINFORCING REMOVE RESILIENT	WR WS	WATER HEATER WATER RESISTANT/WASTE RECEPTACLE WATERSTOPS WELDED WIRE FABRIC		CERAMIC TILE	INTERIOR EQUIPMENT		VIEW NUMBER(S)			OPER ICO CA	Y AS RNMI
BG BUMPER GUARD CEM BACKER BOARD CAB CABINET	FoS FoW FAS FEN	FACE OF STUD FACE OF WALL FASTEN FENCE	MS MAINT MH MSG	MACHINE SCREW MAINTENANCE MANHOLE MANUFACTURER'S	RA RAG REV RH	RETURN AIR RETURN AIR GRILLE REVERSE/REVISION RIGHT HAND	WWF WWM WB WDW	WELDED WIRE MESH WHEEL BUMPER WINDOW		CEMENTITIOUS BACKER BOARD	ELEVATION	4 XXXX 2 3	SHEET NUMBER	FIRE	SURFACE BRACKET	ANSIT TER JE, CH	
CPT CARPET CSMT CASEMENT CIP CAST IN PLACE CI CAST IRON	FBD FGL FIN FO	FIBERBOARD FIBERGLASS FINISH FINISH OPENING	MK MU MO MI	STANDARD GRADE MARK MASONRY UNIT MASONRY OPENING MATCHLINE	ROW RD RH RM	RIGHT OF WAY ROOF DRAIN ROOF HATCH ROOM	WF WG WD WD B WP	WIRE FLANGE BEAM WIREGLASS WOOD WOOD BASE WORKING		GLASS (OMIT LINES AT SMALL SCALE)	ROOM TAG	101 -	ROOM NAME	EXTINGUISHER	SURFACE CABINET	NAL TR CEN	С С С Ц
CLKGCAULKINGCTRCENTERCLCENTER LINE/CHAIN LINKCCCENTER TO CENTERCMTCERAMIC MOSAIC TILE	FF FF&E FFE	FINISHED FLOOR FURNITURE, FIXTURES AND EQUIPMENT FINISHED FLOOR ELEVATION	ME MC MEM MTL MCB	MEDICINE CABINET MEMBRANE METAL METAL CASING BEAD	RO RND RHWS RB	ROUGH OPENING/ROUGH ROUND ROUND HEAD WOOD SCREWS RUBBER BASE	WI XE	POINT/WATERPROOF WROUGHT IRON XENON		GLASS / PLASTIC (ELEVATION)	VIEW REFERENCE		VIEW NUMBER		SEMI-RECESSED	E REGIO 326 HL	BUTT
CT CERAMIC TILE CLF CHAIN LINK FENCE CH BD CHALKBOARD CH CHANNEL CP CHECKERED PLATE	FG FA FE FEC	FINISHED GRADE FIRE ALARM FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET	MFD MF MRD MT MEZZ	METAL FLOOR DECKING METAL FLOORING METAL ROOF DECK METAL THRESHOLD MEZZANINE	SP SAN SND	SALLY PORT SANITARY SANITARY NAPKIN DISPOSAL			GENERAL NO	TES:						BUTTI	
CIR CIRCLE CIRC CIRCUMFERENCE CO CLEANOUT	FHC FRP FRT	FIRE HOSE CABINET FIBER GLASS REINFORCED PANELING FIRE RETARDANT	MSBG MWK	MILD STEEL BARRIER GRILLE MILLWORK	SNV SS SCR	SANITARY NAPKIN VENDOR SANITARY SEWER SCREEN			1. DIMENSIONS ARE 1	TO FACE OF CONCRETE OR FACE OF STU	JD, UNLESS OTHERWISE NOTE	D.				NOT FOR CONST	RUCTION
COTG CLEANOUT TO GRADE CLR CLEAR CLO CLOSET CLS CLOSURE	FP FIXT FLSHG FB	FIREPROOFING FIXTURE FLASHING FLAT BAR	MIR MR MLDG MTD MTG	MIRROR MOISTURE RESISTANT MOULDING MOUNTED MEETING	SCUP SECT SEC SGL SHM	SCUPPER SECTION SECURITY SECURITY GLASS/SINGLE SECURITY HOLLOW METAL				AT CERTAIN DETAILS OF THE CONSTRUCT CTER AND SIZE AS SIMILAR TO EXISTING		OR NOTED IN THESE DRAWINGS OI	R CALLED FOR IN THE SPECIFIC	ATIONS, THEIR CONSTRUCT	ION SHALL BE OF	PROJECT STATUS: 50% CONSTRU	ICTION
CRS COARSE CR COLD ROLLED CW COLD WATER COL COLUMN	FHMS FHWS FL CO	FLAT-HEAD MACHINE SCREW FLAT-HEAD WOOD SCREW FLOOR CLEAN-OUT	MOV MULL MULTI MUNI	MOVABLE MULLION	STH	SECURITY TOILET PAPER HOLDER SEE STRUCTURAL DRAWINGS										DOCUMEN BUILDINGS:	
COMBCOMBINATION/COMBINECOMMCOMMUNICATIONSCONCCONCRETECMUCONCRETE MASONRY UNITCONFCONFERENCE	FD FS FLR FLUOR FTG	FLOOR DRAIN FLOOR SINK FLOOR/FLOORING FLUORESCENT FOOTING	(N) NR NRC	NEW NOISE REDUCTION NOISE REDUCTION	SEG SDS SEP SVC	SEGREGATION SELF DRILLING SCREW SEPARATION SERVICE										SHEET TITLE: ARCHITECTI ABBREVIATI	ONS,
CONNCONNECT/CONNECTIONCJCONSTRUCTION JOINTCOREBDCOREBOARDCGCORNER GUARD	FIG FND FRG FURN	FOUNDATION FURRING FURNITURE	NC NSG OC	COEFFICIENT NON-COMBUSTIBLE NON-SECURITY GLASS ON CENTER	SSK SHTG SHT SM SMS	SERVICE SINK SHEATHING SHEET SHEET METAL SHEET METAL SCREW										SYMBOLS & N SCALE:	
CORR CORRUGATED CNTR COUNTER C FLASH COUNTER FLASHING CTSK COUNTERSINK CRG CROSS GRAIN CU COPPER CUST CUSTODIAN CYL CYLINDER	GALV GI GSM GA GEN GL GB	GALVANIZED GALVANIZED IRON GALVANIZED SHEET METAL GAUGE GENERAL GLASS GRAB BAR GRADE	OPNG OWJ OPP OP H OP S OD OA	OPENING OPEN-WEB JOIST OPPOSITE OPPOSITE HAND OPPOSITE SURFACE OUTSIDE DIAMETER OVERALL	SH(S) SHWR SK SLP SD SC STAG	SHELF/SHELVES SHOWER SINK SLOPE STORM DRAIN SOLID CORE/SCALE STAGGERED										REVISIONS           No.         Description	Date
	GR GSF GND GT G GWB	GRADE GROSS SQUARE FEET GROUND GROUT GUTTER GYPSUM WALL BOARD	OF OH OFOI	OVERFLOW OVERHEAD OWNER FURNISHED, OWNER INSTALLED	SST STIFF STOR SA S4S S2S SUSP	STAINLESS STEEL STIFFENER STORAGE SUPPLY AIR SURFACED FOUR SIDES SURFACED TWO SIDES SUSPENDED										JOB NO. 5006A3 DATE 8/26/15	)01

No.		Descri	otion	Date
JOB NC	).	SHEET		
5	006A3			4
DATE			A00 <sup>-</sup>	
8	/26/15			•



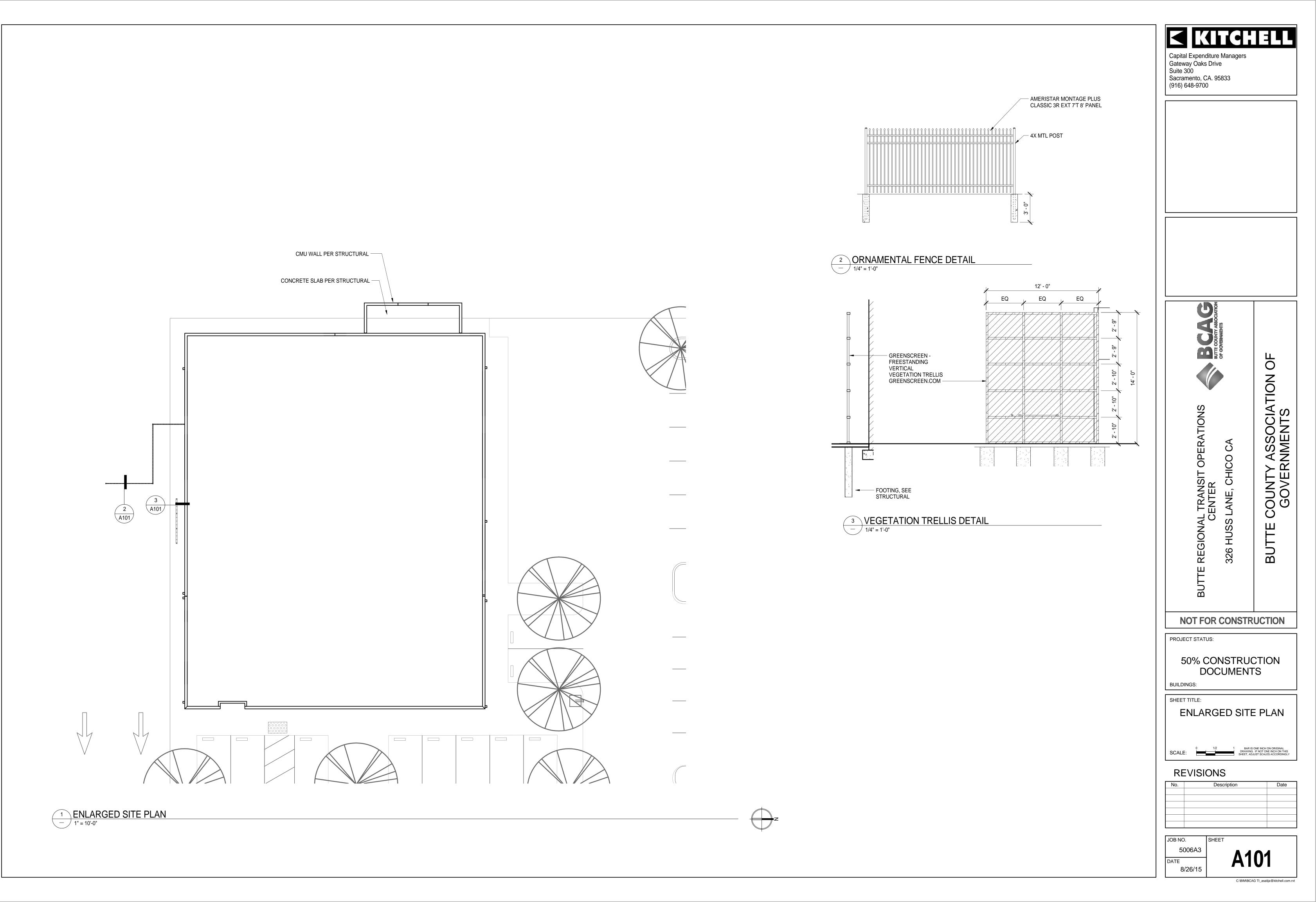


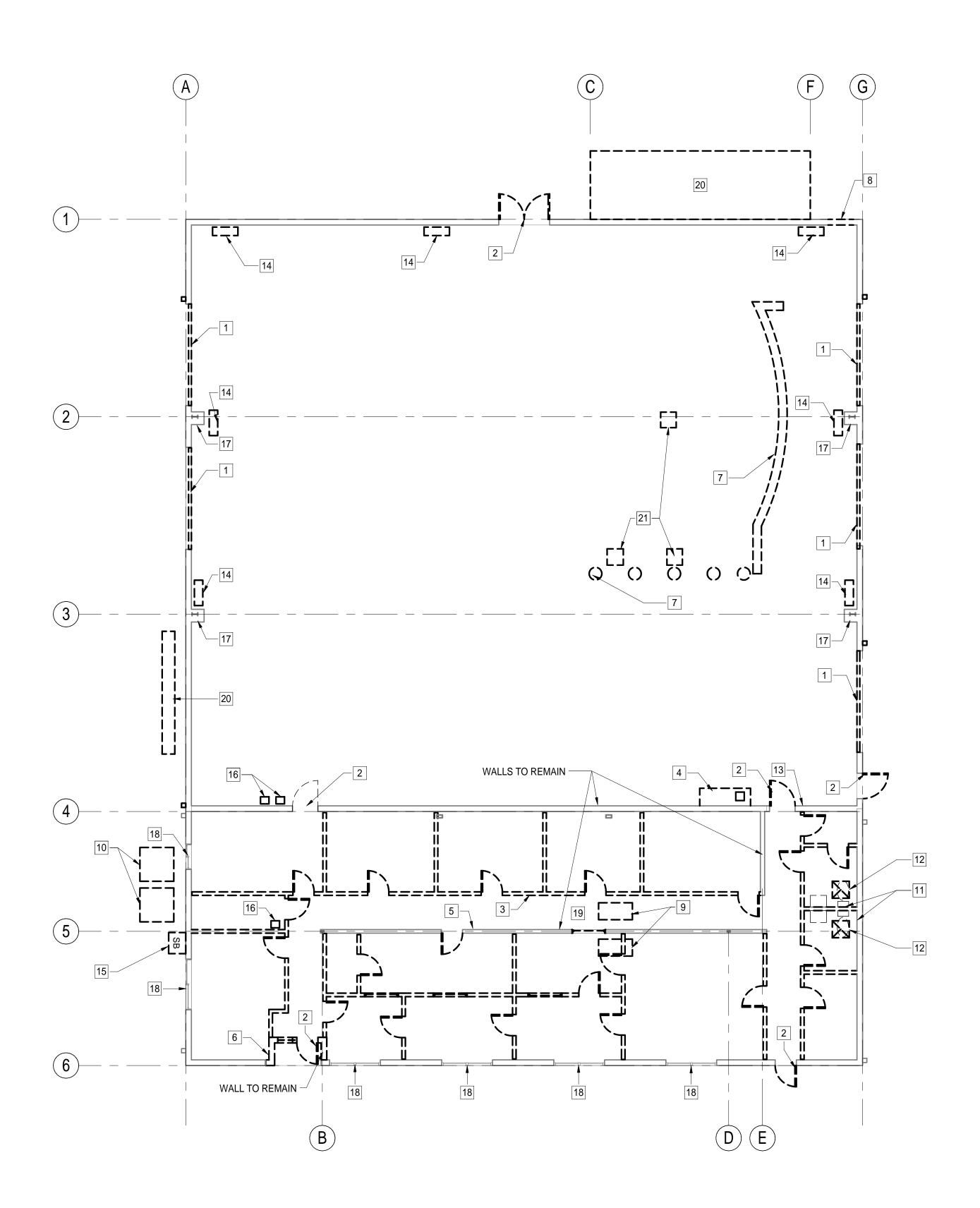


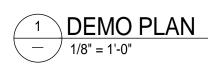


Capital Expenditure Managers Gateway Oaks Drive Suite 300 Sacramento, CA. 95833 (916) 648-9700					
BUTTE REGIONAL TRANSIT OPERATIONS CENTER 326 HUSS LANE, CHICO CA	BUTTE COUNTY ASSOCIATION OF GOVERNMENTS				
NOT FOR CONSTR	UCTION				
PROJECT STATUS: 50% CONSTRUC DOCUMENT BUILDINGS:	_				
SHEET TITLE: ARCHITECTURAL SITE PLAN					
DRAWING.	IF NOT ONE INCH ON THIS UST SCALES ACCORDINGLY				
No.   Description	Date				
JOB NO. SHEET 5006A3 DATE 8/26/15	00				

8/26/15







# # KEYNOTES

- 1 (E) ROLL UP DOOR TO
- 2 (E) DOOR TO BE REMO
- 3 (E) INTERIOR WALLS T 4 (E) WASH STATION TO
- 5 ALL CEILING & ASSOC
- 6 (E) WALL TO BE REMO 7 DEMOLISH (E) SLAB A
  - 8 DEMOLISH (E) CMU W
  - 9 DEMOLISH (E) FURNA AND CONTROLS.
  - 10 DEMOLISH (E) CONDE
  - 11 DEMOLISH (E) PLUMB 12 DEMOLISH (E) CEILING
  - 13 DEMOLISH (E) ELECTR
  - 14 DEMOLISH (E) GAS UN CONTROLS.
  - 15 (E) MAIN SERVICE SW
  - 16 (E) PANELS TO BE DEI
  - 17 (E) METAL STRUCTUR 18 (E) WINDOW / STOREF
- 19 (E) PLATFORM ABOVE
  - 20 DEMOLISH (E) ASPHAI21 DEMOLISH AS REQUIF

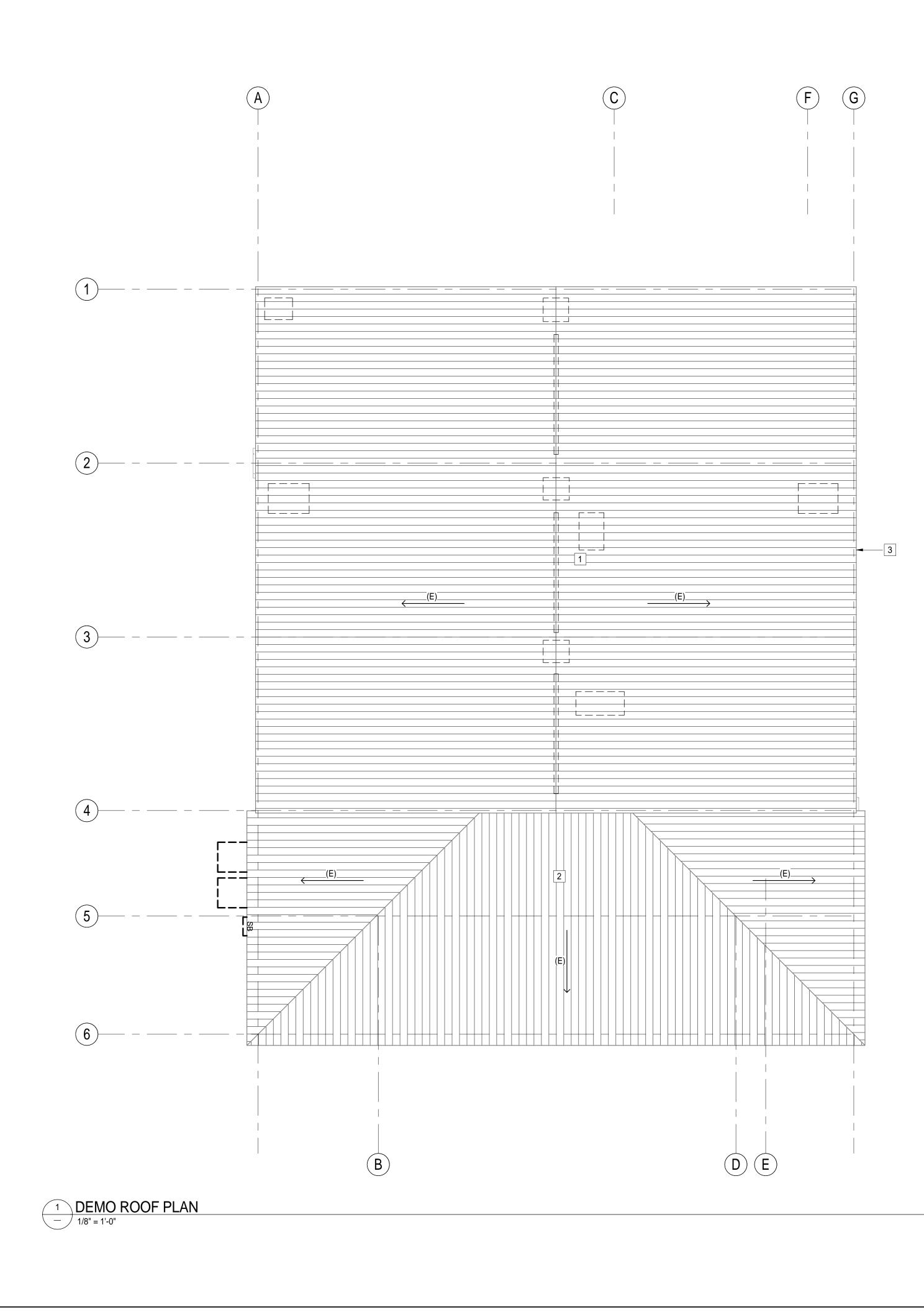
### **GENERAL NOTES:**

- CONTRACTOR TO CHECK AND ARCHITECT OF ANY DISCREPA ANY WORK.
- CONTRACTOR TO NOTIFY ARC DEMO.
- CONTRACTOR TO REPAIR IN-KI ASSEMBLY.
- 4. CONTRACTOR SHALL COORDIN WEEKS PRIOR TO START OF W
- 5. DEMOLITION AND DEVELOPME ALTERNATE 1.

# 



	Capital Expenditure Managers	
O BE REMOVED IN ITS ENTIRETY AND TURNED OVER TO THE COUNTY. IOVED.	Gateway Oaks Drive Suite 300 Sacramento, CA, 95833	
TO BE REMOVED IN THEIR ENTIRETY UNLESS NOTED. O BE REMOVED. CIATED LIGHTS, DIFFUSERS, ETC TO BE REMOVED. OVED. AS SHOWN. VALL AS REQUIRED FOR (N) DOOR. ACE UNIT, DUCTWORK, AND ALL ASSOCIATED REFRIGERANT PIPING, GAS PIPING,	Sacramento, CA. 95833 (916) 648-9700	
ENSING UNIT AND ALL ASSOCIATED REFREGERANT PIPING AND CONTROLS. BING FIXTURES. REMOVE ALL ASSOCIATED PIPING. G EXHAUST JAMS. REMOVE ALL ASSOCIATED DUCTWORK AND CONTROLS. RIC WATER HEATER. REMOVE ALL ASSOCIATED PIPING AND CONTROLS. NIT HEATERS (TYP. OF 6) AND REMOVE ALL ASSOCIATED GAS PIPING AND		
VITCHBOARD TO BE DEMOLISHED. MOLISHED. RAL FRAME TO REMAIN. FRONT TO BE REMOVED. PATCH / REPAIR OPENING TO RECEIVE (N) WINDOW. E CEILING TO REMAIN. ALT & CONCRETE AS REQUIRED FOR (N) UTILITY YARD. RED FOR FLOOR BOX, INCLUDING TRENCHING TO LOCATION.		
D FIELD VERIFY ALL DIMENSION AND CONDITIONS AT JOB SITE AND NOTIFY ANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS BEFORE COMMENCING		
CHITECT AND OWNER OF ANY DRY ROT THAT MAY BE DISCOVERED DURING		
KIND ANY AREAS DAMAGED DURING REMOVAL AND DEMO OF (E) ROOFING		
INATE ALL UTILITY DISCONNECTS/INTERRUPTIONS WITH OWNER MINIMUM 2		
VORK. ENT ACTIVITIES LOCATED BETWEEN GRIDS 4 & 6 ARE PART OF BID	AS A	
G WALL TO BE REMOVED G WALL TO REMAIN G DOOR TO BE REMOVED	BUTTE REGIONAL TRANSIT OPERATIONS CENTER 326 HUSS LANE, CHICO CA BUTTE COUNTY ASSOCIA	
	NOT FOR CONSTRUCTION	
	PROJECT STATUS:	
	50% CONSTRUCTION DOCUMENTS BUILDINGS:	
	SHEET TITLE: DEMO FLOOR PLAN	
	SCALE: REVISIONS	HIS
	No.         Description         Date	e
	JOB NO. 5006A3 DATE 8/26/15	



# # KEYNOTES

### **GENERAL NOTES:**



1 DEMOLISH ALL HVAC & EXHAUST EQUIPMENT FROM ROOF IN THEIR ENTIRETY. ALL ITEMS REMOVED THAT LEAVE AN OPENING IN THE ROOF TO BE FILLED TO MATCH (E) ROOF SECTION. METAL ROOF PANEL ON TOP TO BE REPLACED W/ A (N) PANEL TO MATCH. 2 LOW ROOF AREA HAS NO DEMOLITION SCOPE. GUTTERS & DOWNSPOUTS TO REMAIN. 3 (E) GUTTERS & DOWNSPOUTS TO BE REMOVED.



Capital Expenditure Managers Gateway Oaks Drive Suite 300 Sacramento, CA. 95833 (916) 648-9700

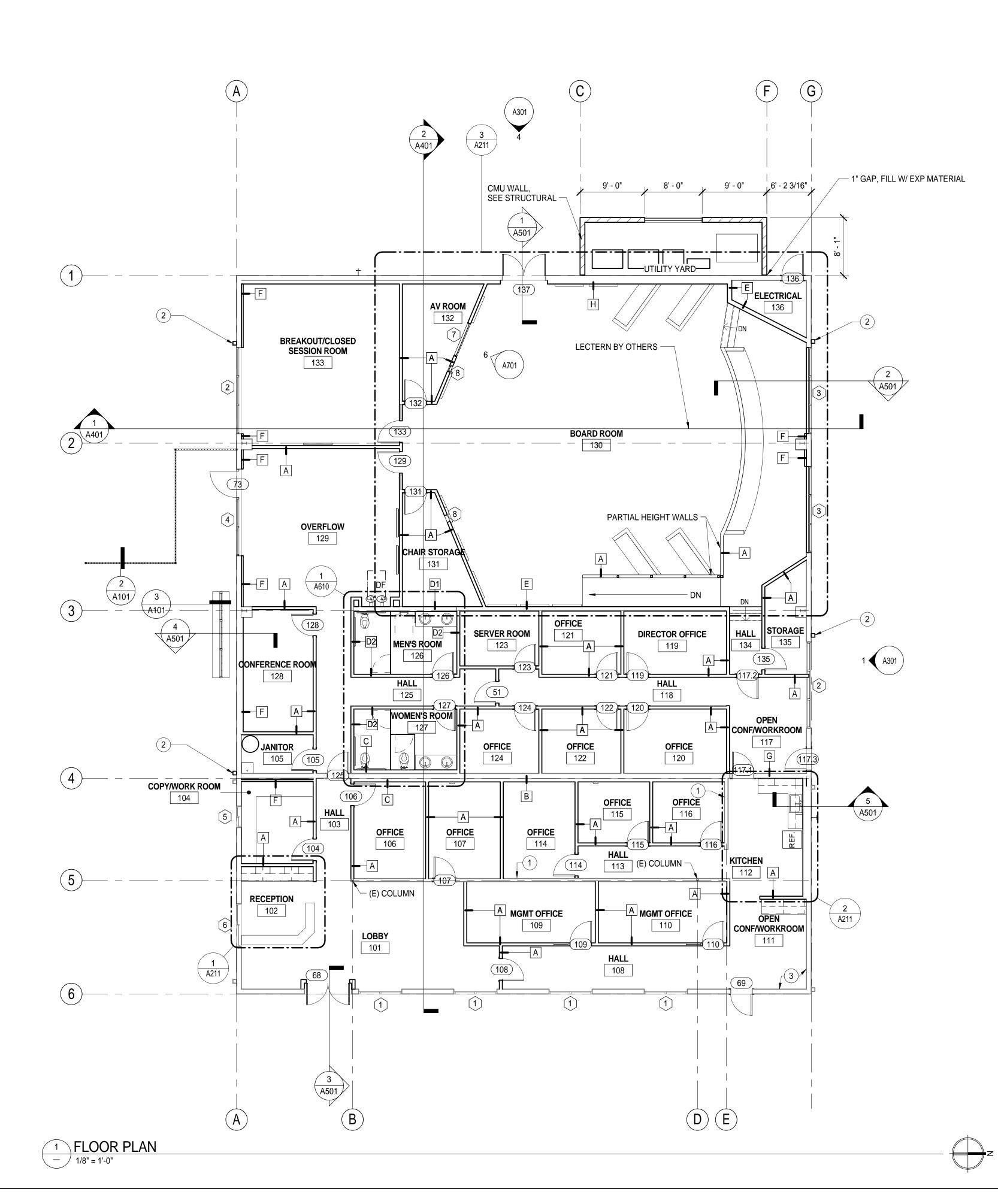
1. ALL ITEMS SHOWN ON PLAN TO BE REMOVED ARE DIAGRAMMATIC & LOCATIONS ARE APPROXIMATE.

2. GC TO FIELD VERIFY QUANTITY OF ITEMS TO BE REMOVED FROM ROOM AND TO COORDINATE WITH OWNER WHAT IS TO BE SALVAGED FOR FUTURE USE.

DECATOR NUTTE COUNTY ASSOCIATION OF COVERNMENTS	ION OF						
BUTTE REGIONAL TRANSIT OPERATIONS CENTER 326 HUSS LANE, CHICO CA	BUTTE COUNTY ASSOCIATION OF GOVERNMENTS						
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BUILDINGS:							
SHEET TITLE: DEMO ROOF PLAN							
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No. Description	Date						
JOB NO. SHEET 5006A3							
DATE 8/26/15	230						

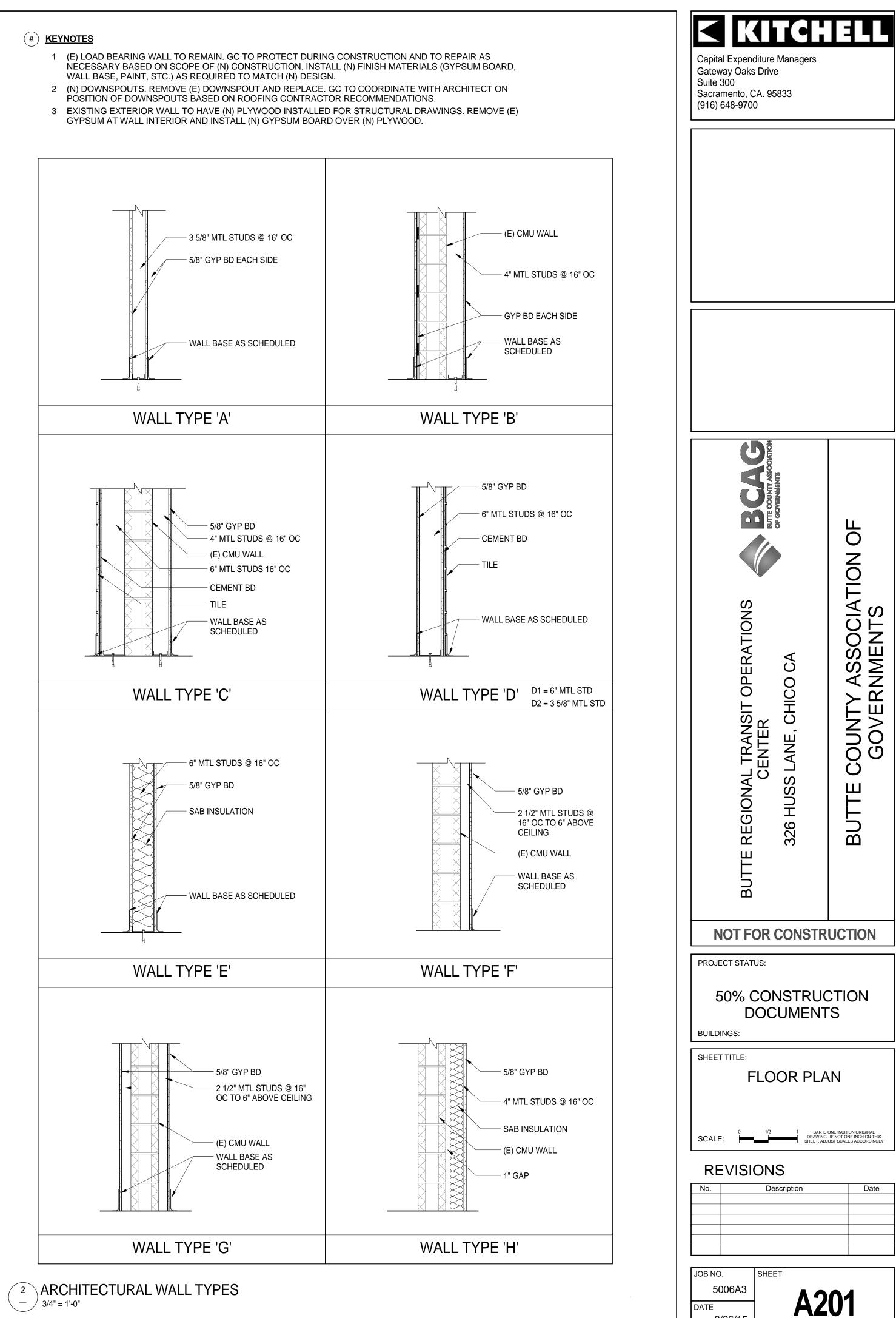
### **GENERAL NOTES:**

1. WHILE JANITOR 105, CONFERENCE ROOM 128, HALL 125, HALL 134, STORAGE 135, AND RESTROOMS 126-127 ARE PART OF THE BASE SCOPE OF WORK, ALL OTHER SCOPE BETWEEN GRIDS 4&6 ARE PART OF BID ALTERNATE 1.



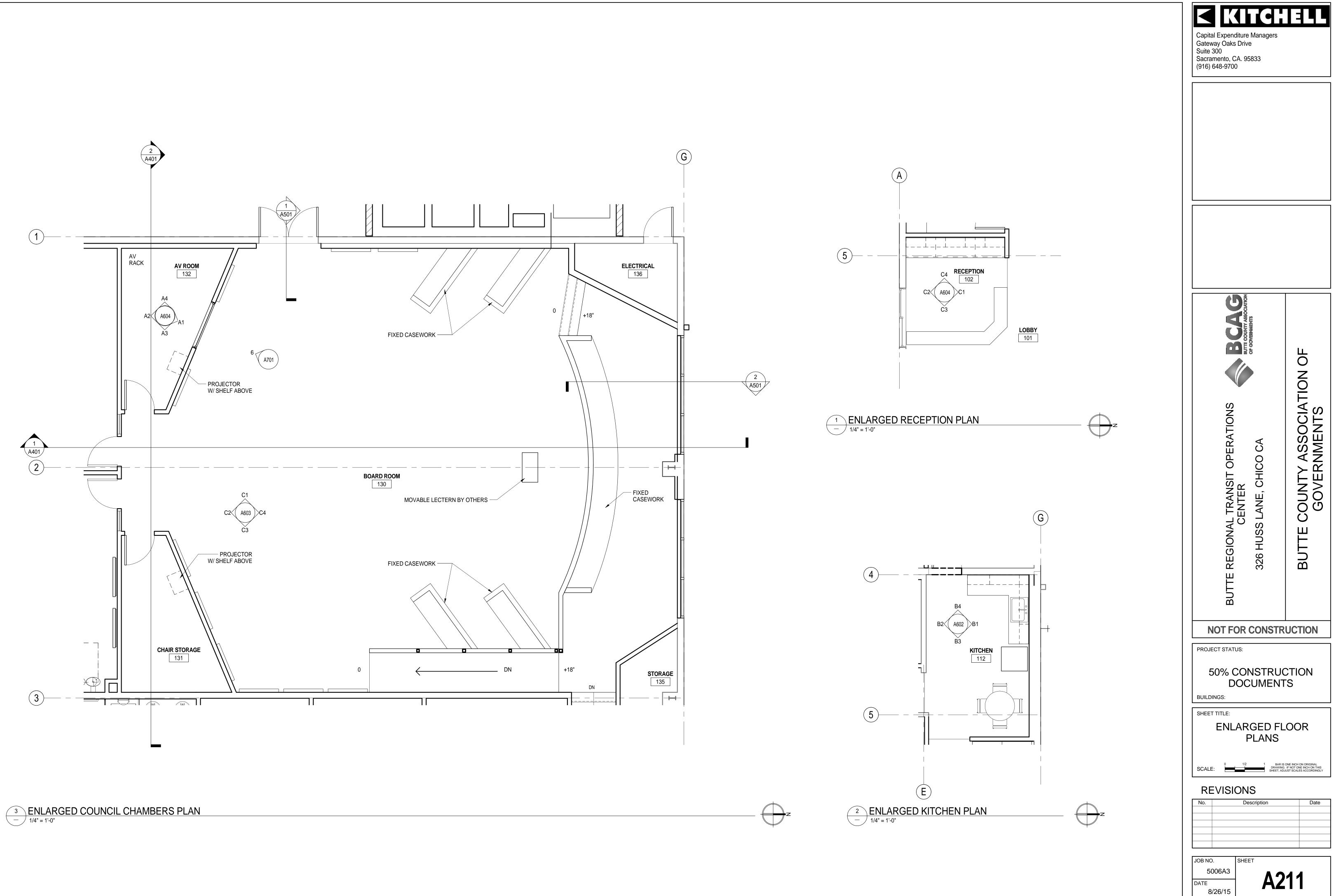


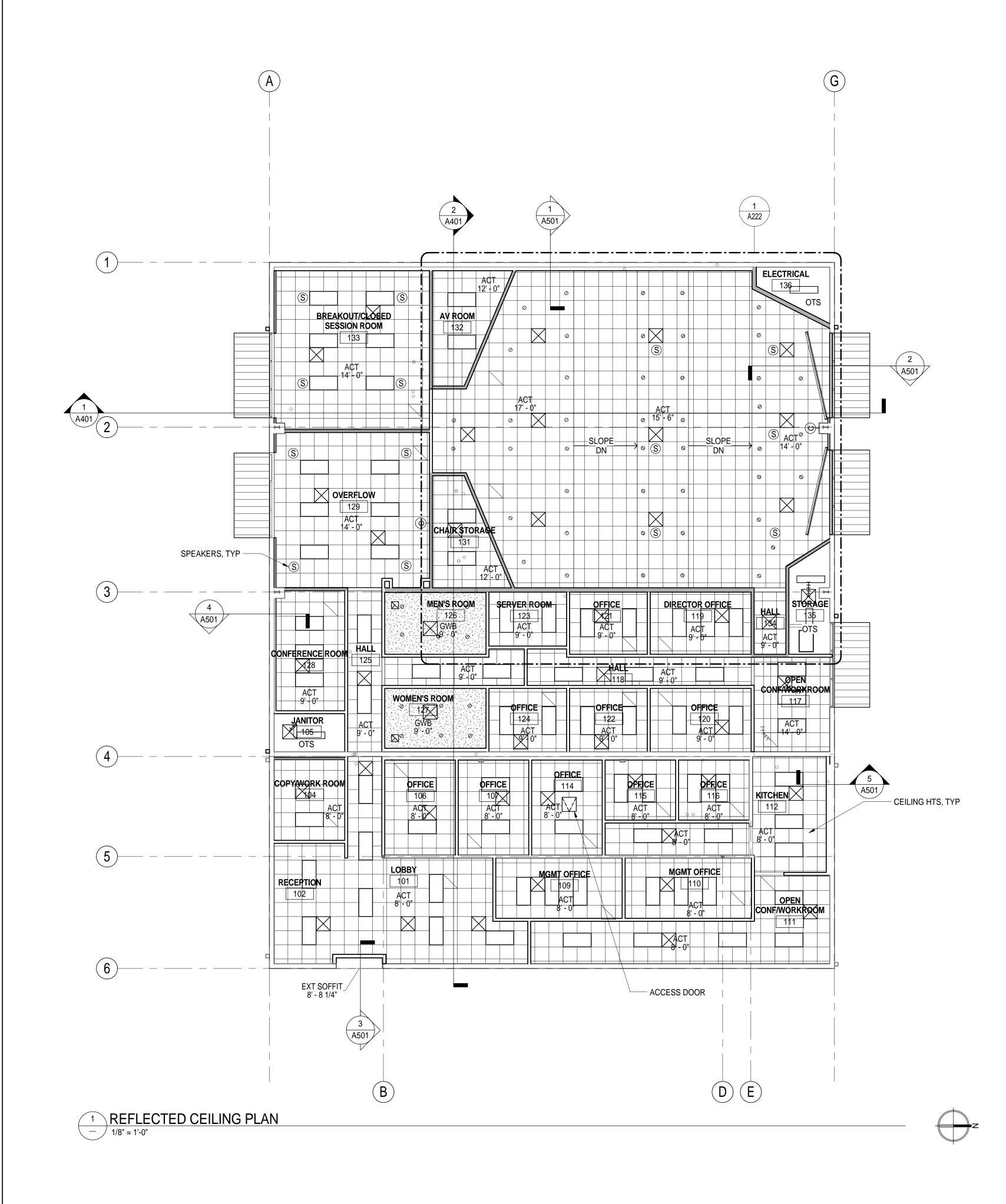




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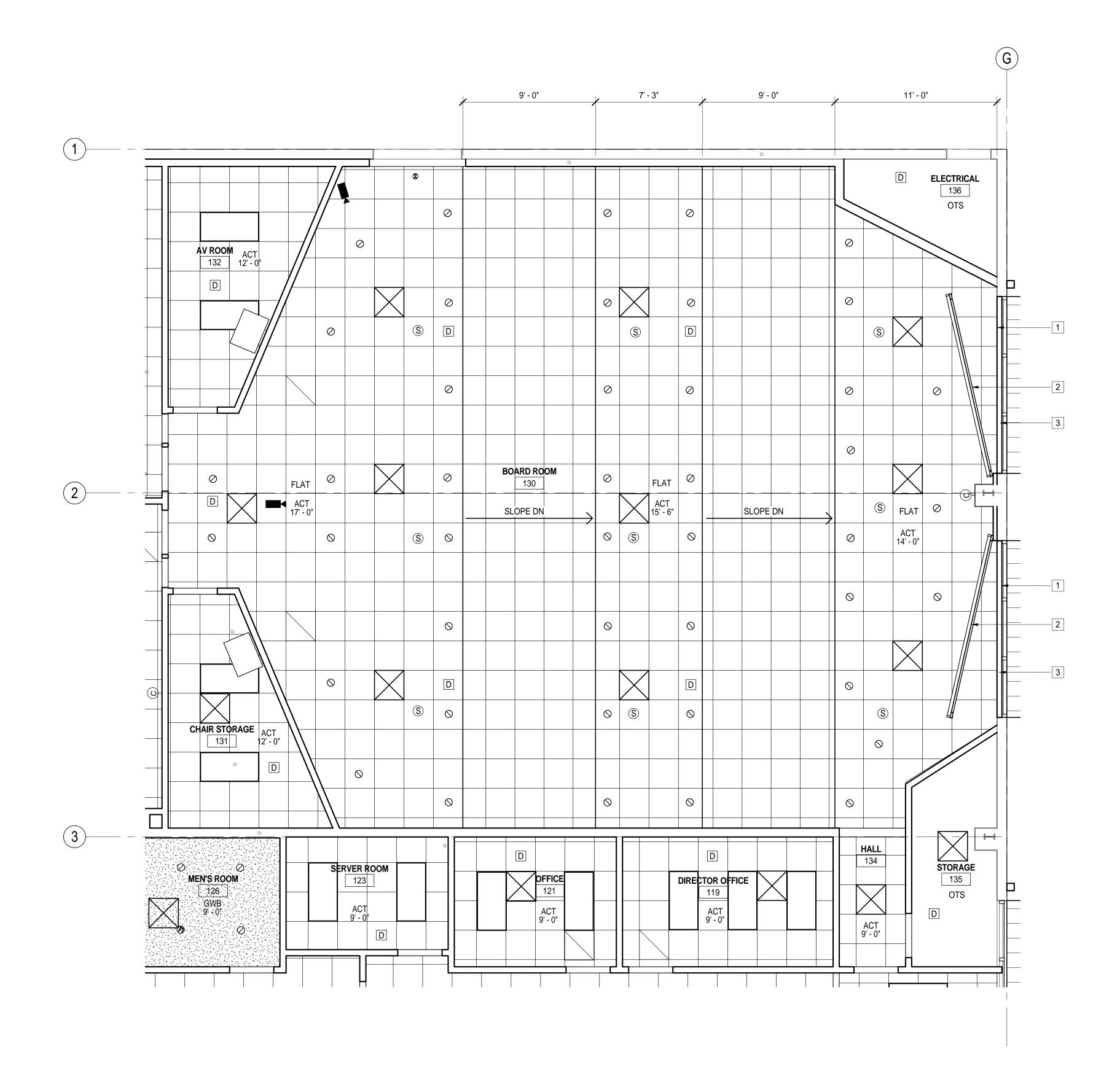




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JOB NO. 5006A3 DATE 8/26/15	<b>21</b> G TI_asalija@kitchell.com.rvt

RCP LEGEND	
DESCRIPTION	SYMBOL
AIR RETURN	
AIR SUPPLY	$\boxtimes$
EXHAUST FAN	
CEILING MOUNTED CAMERA (BY OTHERS)	
SMOKE DETECTOR	D
CEILING SPEAKER	S
EXIT SIGN	⊗
DOWN LIGHT	Ø
2X2 ACOUSTICAL T-BAR	
1X4 CHAIN SUSPENDED LIGHT	
2X4 LIGHT	
FULL HT WALL	
WALL HT 6" ABV ADJACENT CLG	





# # KEYNOTES

<del>(</del>]z

1 MECHANICAL WINDOW SHADE ATTACH TO UNDERSIDE OF OPENING. 2 OVERHEAD PROJECTOR SCREEN. 3 MECHANICAL SHADE MOUNT WITHIN CMU OPENING.

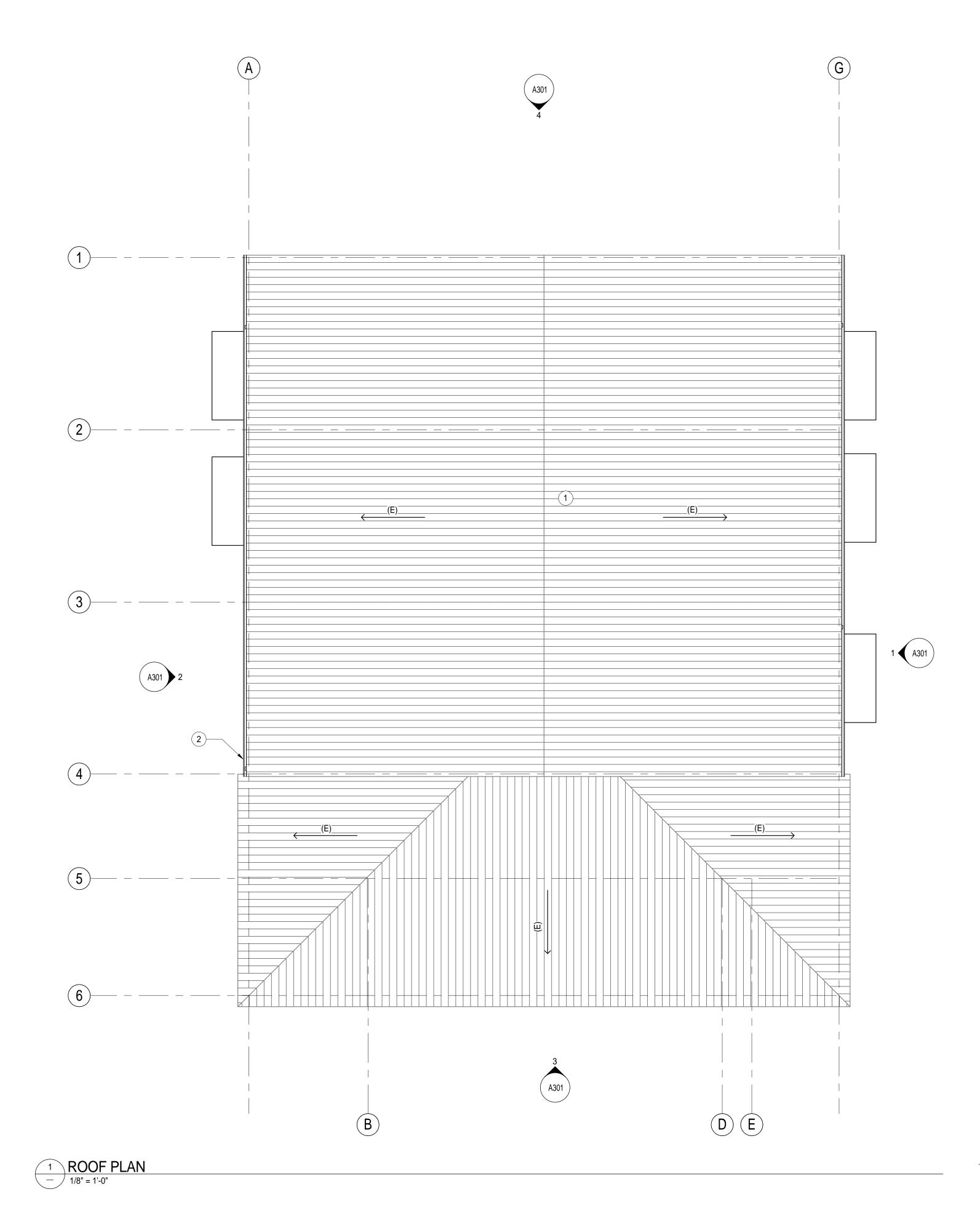
GENERAL NOTE:

1. ACOUSTIC CEILING TILE TO BE ECHOPHON GEDINA

RCP LEGEND

SYMBOL
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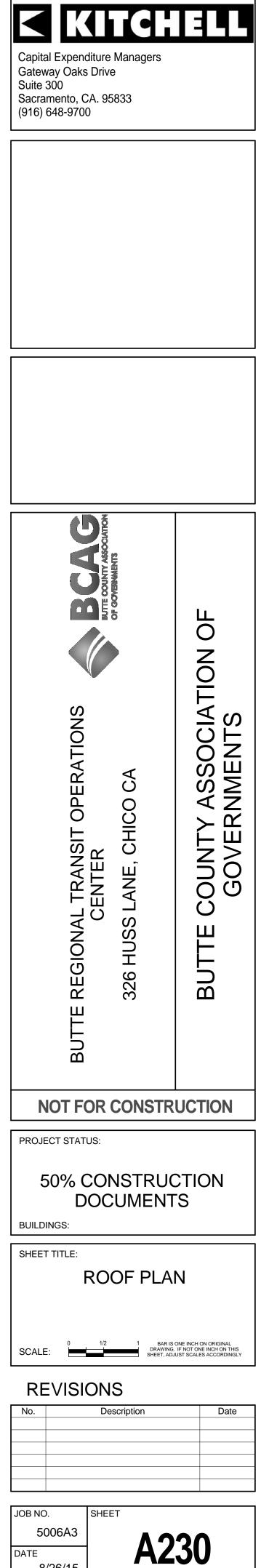
<b>KITC</b>	
Capital Expenditure Managers Gateway Oaks Drive	
Suite 300 Sacramento, CA. 95833 (916) 648-9700	
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N N N	OUNTY ASSOCIATION OF GOVERNMENTS
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DATE <b>8/26/15</b>	



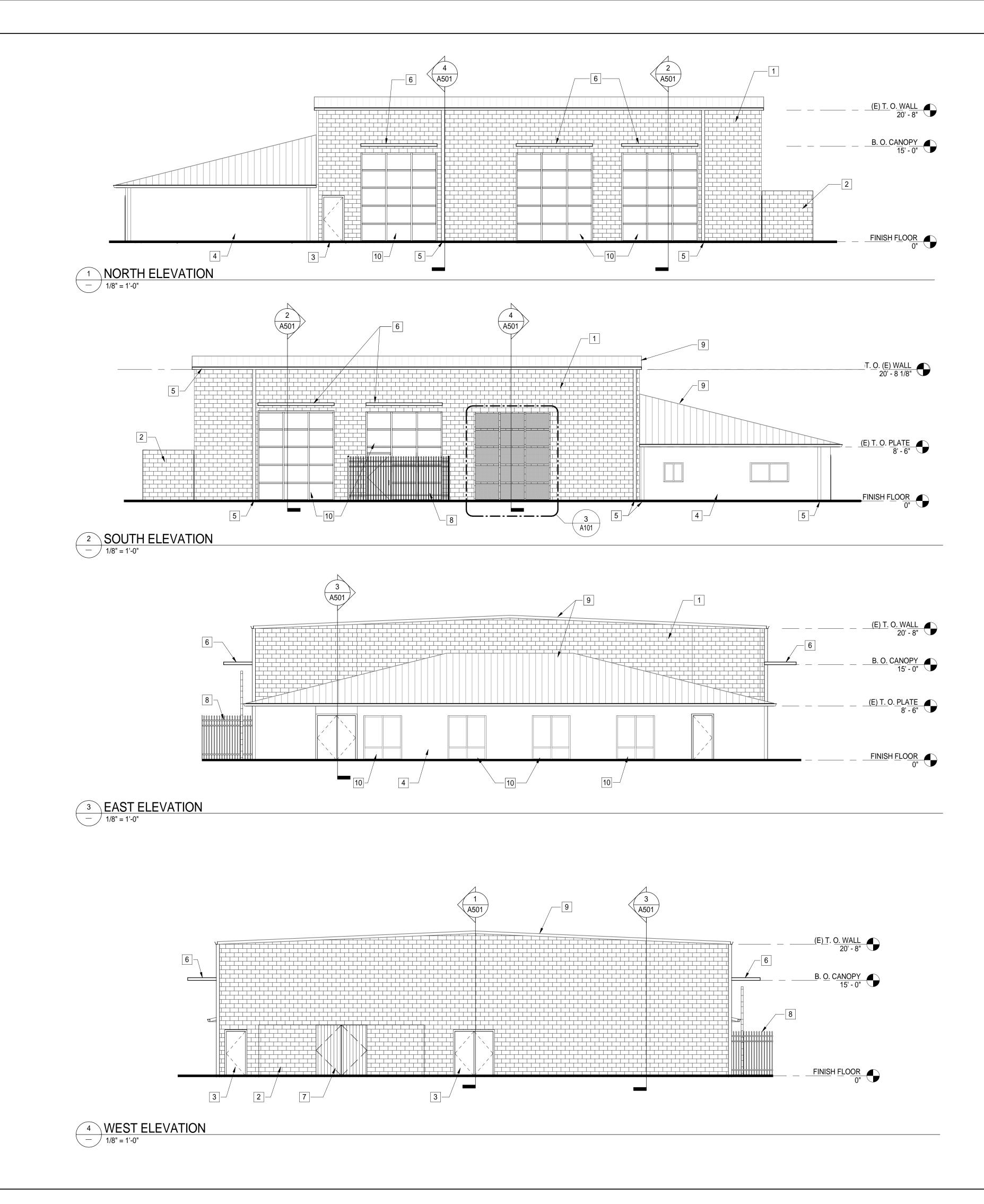
# (#) <u>KEYNOTES</u>

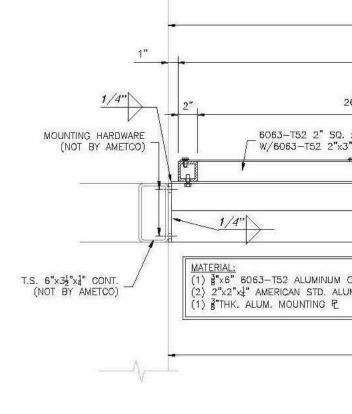


1 ALL REMAINING ROOF PENETRATIONS TO BE FILLED AND SEALED TO MATCH (E) ROOF CONSTRUCTION. NEW METAL ROOF PANELS TO BE INSTALLED TO REPLACE ANY (E) PANELS WITH HOLES. 2 GUTTER & DOWNSPOUTS TO BE REPLACED IN THEIR ENTIRETY. GC TO PROVIDE ITEMS TO MATCH EXISTING DESIGN INSURE PROPER DRAINAGE AND SPACING.

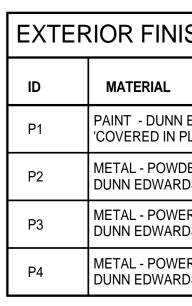


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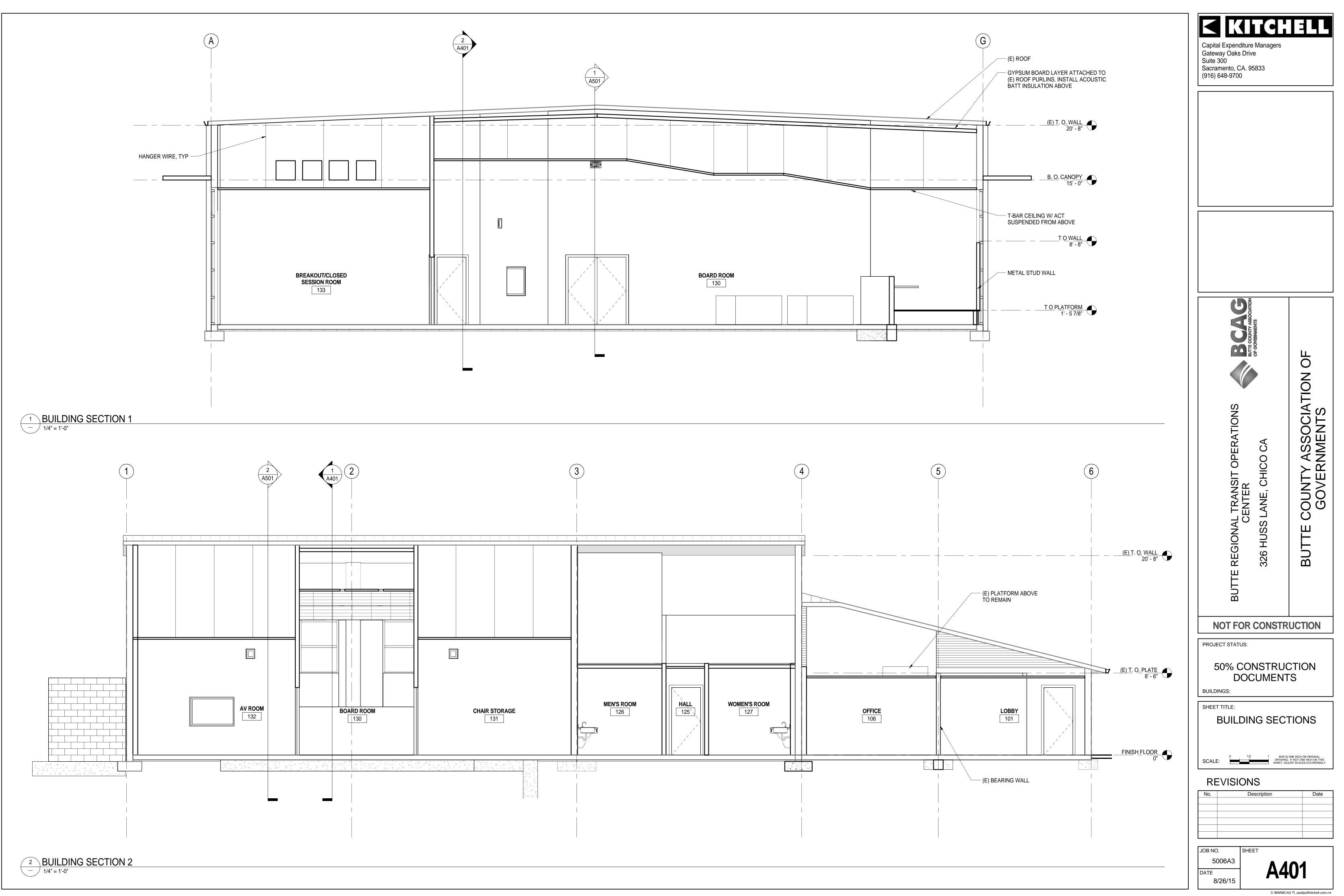
### 2 CMU WALL, 3 DOOR, P2 FI 4 EXISTING CE 5 GUTTER & DO

# KEYNOTES

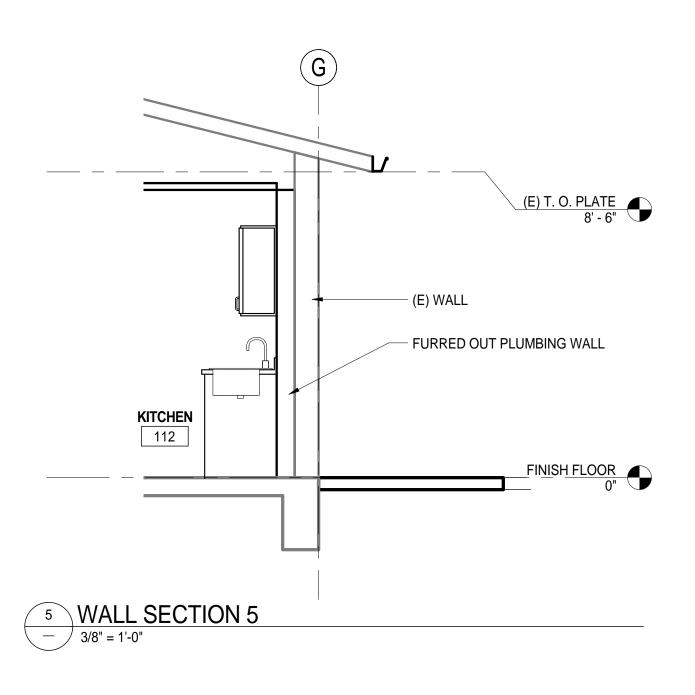
- 6 METAL SHAD 7 CORRUGATE
- 8 ORNAMENT 9 EXISTING RO
- 10 STOREFRONT

# GENERAL NOTE:

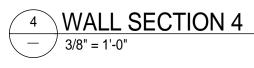
	۰۱
	Capital Expenditure Managers Gateway Oaks Drive Suite 300 Sacramento, CA. 95833 (916) 648-9700
KEYNOTES	
<ol> <li>EXISTING CMU WALL, PAINT P1.</li> <li>CMU WALL, PAINT P1.</li> <li>DOOR, P2 FINISH.</li> <li>EXISTING CEMEMTN PLASTER WALL, PAINT P1.</li> <li>GUTTER &amp; DOWNSPOUT, P4 FINISH.</li> <li>METAL SHADE CANOPY, P2 FINISH, SEE DETAIL 5/A301.</li> <li>CORRUGATED METAL GATE, P3 FINISH.</li> <li>ORNAMENTAL METAL GATE, FACTORY FINISH.</li> <li>EXISTING ROOF TO REMAIN.</li> <li>STOREFRONT SYSTEM, SEE A701.</li> </ol>	
<u>GENERAL NOTE</u> :	
1. ALL ITEMS ARE NEW UNLESS NOTED OTHERWISE.	
	AS IATION OF S
61½"         80½"         SUNSHADE         265"         265"         3"         (TYPICAL)         266"         3"         (TYPICAL)         26"         3"         (TYPICAL)         20"         20"         3"         (TYPICAL)         20"         3"         (TYPICAL)         20"         3"         (TYPICAL)         20"         3"         (TYPICAL)         20"         3"         4"         3"         4"         3"         4"         3"         4"         4"         4"         4"         4"         4"	TE REGIONAL TRANSIT OPERATIO CENTER 326 HUSS LANE, CHICO CA BUTTE COUNTY ASSOC GOVERNMENT
"x2"x4" AMERICAN STD. ALUM. ANGLE	BUT
41 <sup>3</sup> / <sub>4</sub> " 30 <sup>1</sup> / <sub>4</sub> "	NOT FOR CONSTRUCTION
DN .	PROJECT STATUS:
	50% CONSTRUCTION DOCUMENTS BUILDINGS:
	SHEET TITLE: EXTERIOR ELEVATIONS
FERIOR FINISH SCHEDULE	0 1/2 1 BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY
MATERIAL REMARKS	
PAINT - DUNN EDWARDS DE6367 'COVERED IN PLATINUM'	REVISIONS           No.         Description         Date
METAL - POWDER COAT PAINT TO MATCH DUNN EDWARDS - DE6369 - 'LEGENDARY GRAY'	
METAL - POWER COAT PAINT TO MATCH DUNN EDWARDS - DE5713 - 'PINE HAYEN'	
METAL - POWER COAT PAINT TO MATCH DUNN EDWARDS DE6367 - 'COVERED IN PLATINUM'	JOB NO. SHEET
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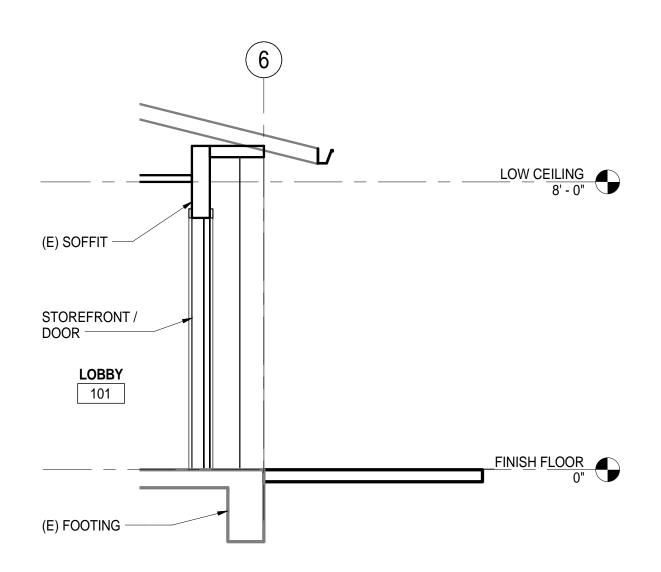


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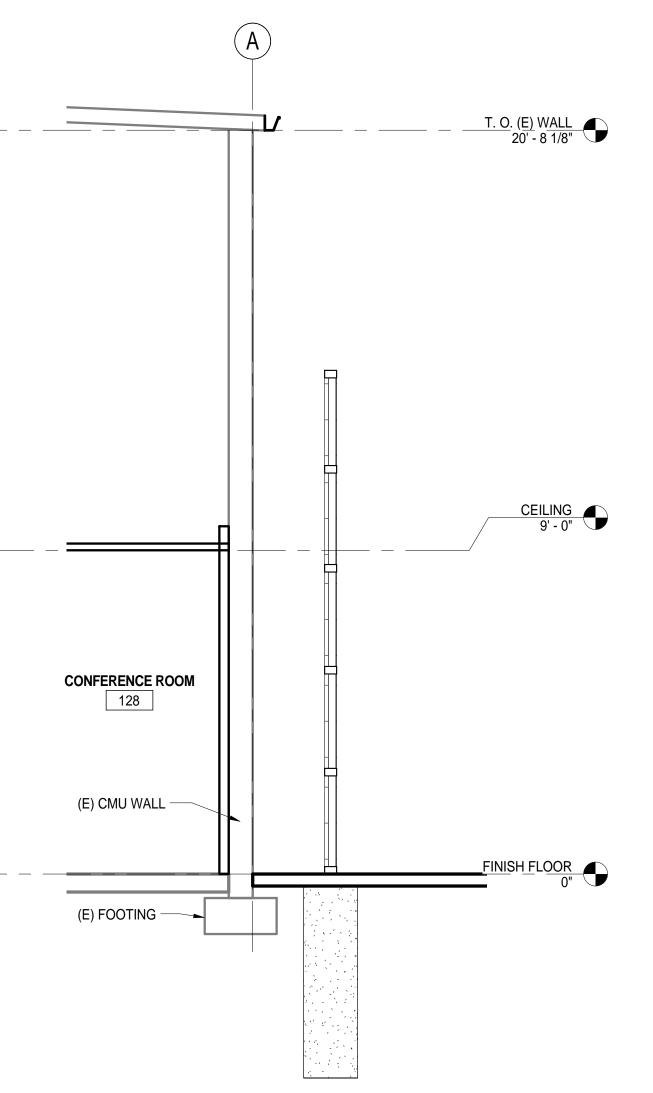


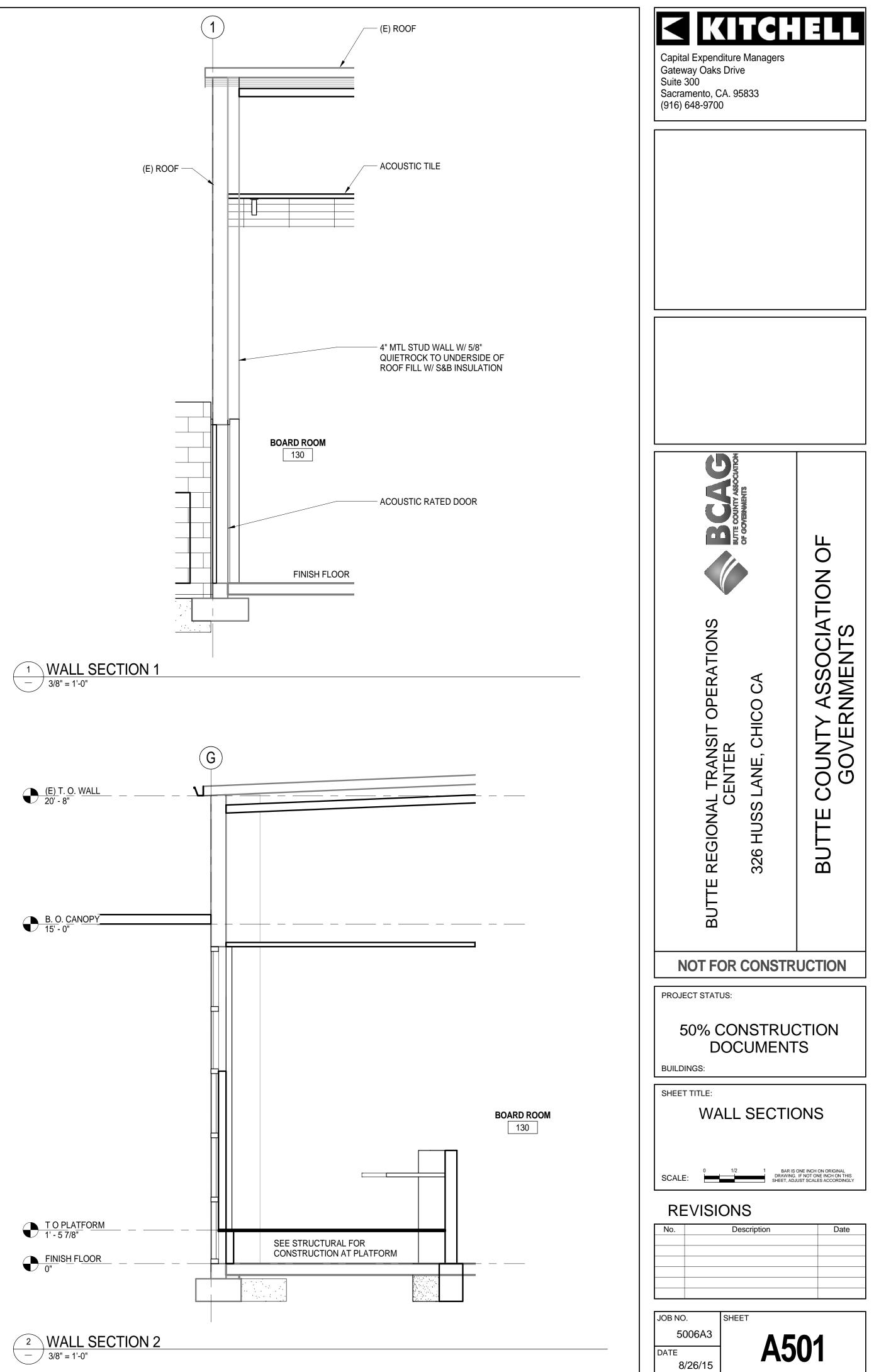


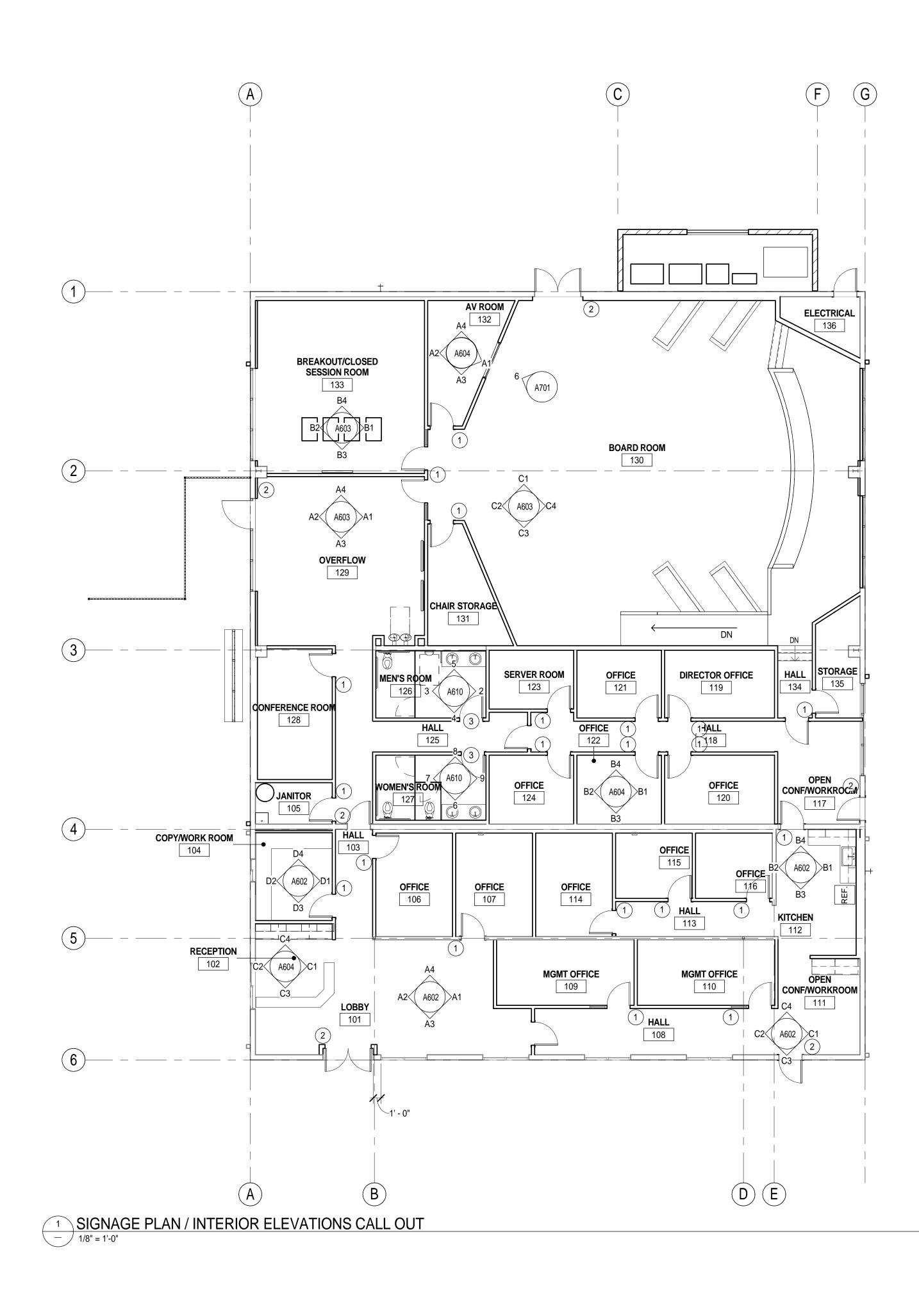












				ROOM F	INISH SCHEDU	JLE			
		FLOOR			WALL	FINISH		CEILING	
ROOM #	ROOM NAME	FINISH	BASE	NORTH	SOUTH	EAST	WEST	FINISH	COMMENTS
	11								
101	LOBBY	C1	B1	P1	P1	P1	P1	APC1	
102	RECEPTION	C1	B1	P1	P1	P1	P1	APC1	
103	HALL	C1	B1	P1	P1	P1	P1	APC1	
104	COPY/WORK ROOM	C1	B1	P1	P1	P1	P1	APC1	
105	JANITOR	RF1	B1	P1	P1	P1	P1	OTS	
106	OFFICE	C2	B1	P1	P1	P1	P1	APC1	
107	OFFICE	C2	B1	P1	P1	P1	P1	APC1	
108	HALL	C2	B1	P1	P1	P1	P1	APC1	
109	MGMT OFFICE	C1	B1	P1	P1	P1	P1	APC1	
110	MGMT OFFICE	C2	B1	P1	P1	P1	P1	APC1	
111	OPEN CONF/WORKROOM	C1	B1	P1	P1	P1	P1	APC1	
112	KITCHEN	RF1	B1	P1	P1	P1	P1	APC1	
113	HALL	C1	B1	P1	P1	P1	P1	APC1	
114	OFFICE	C2	B1	P1	P1	P1	P1	APC1	
115	OFFICE	C2	B1	P1	P1	P1	P1	APC1	
115	OFFICE	C2	B1	P1	P1	P1	P1	APC1	
116	OFFICE	C2	B1	P1	P1	P1	P1	APC1	
117	OPEN CONF/WORKROOM	C1	B1	P1	P1	P1	P1	APC1	
118	COPY/WORK ROOM	C1	B1	P1	P1	P1	P1	APC1	
118	HALL	C1	B1	P1	P1	P1	P1	APC1	
119	OFFICE	C2	B1	P1	P1	P1	P1	APC1	
119	DIRECTOR OFFICE	C2	B1	P1	P1	P1	P1	APC1	
120	OFFICE	C2	B1	P1	P1	P1	P1	APC1	
121	OFFICE	C2	B1	P1	P1	P1	P1	APC1	
122	OFFICE	C2	B1	P1	P1	P1	P1	APC1	
123	SERVER ROOM		B1	P1	P1	P1	P1	APC1	
124	OFFICE	C2	B1	P1	P1	P1	P1	APC1	
125	HALL	C1	B1	P1	P1	P1	P1	APC1	
126	MEN'S ROOM	T1	T1	T2	T2	T2	T2	GB1	
127	WOMEN'S ROOM	T1	T1	T2	T2	T2	T2	GB1	
128	CONFERENCE ROOM	C1	B1	P1	P1	P1	P1	APC1	
129	OVERFLOW	C1	B1	P1	P1	P1	P1	APC1	
130	BOARD ROOM	C1	B1	P1	P1	P1	P1	APC1	
131	CHAIR STORAGE	C2	B1	P1	P1	P1	P1	APC1	
132	AV ROOM	C2	B1	P1	P1	P1	P1	APC1	
133	BREAKOUT/CLOSED SESSION ROOM	C1	B1	P1	P1	P1	P1	APC1	
134	HALL	C1	B1	P1	P1	P1	P1	APC1	
135	STORAGE	RF1	B1	P1	P1	P1	P1	OTS	
136	ELECTRICAL	C01	B1	P1	P1	P1	P1	OTS	

### MATERIALS LEGEND

B1

CO1 SEALED CONCRETE T1 FLOOR TILE T2 WALL TILE

**RESILIENT BASE** 

6"X12" / DALTILE - NATURAL HUES - CH24 IVORY APC1 ACOUSTIC PANEL CEILING ARMSTRONG WORLD INDUSTRIES / ULTIMA OPEN PLAN ROPPE / 174 SMOKE RF1 LINOLEUM FLOORING

ARMSTRONG / COLORETTE / LP371 HALF BAKED NORA / ENVIROCARE / ART 2462 / WINDFLOWER (2930) DUNN EDWARDS / DEW316 POWDERED

SIGNAGE PLAN - SIGN CALLOUTS

RF2 STATIC CONTROL FLOORING P1 PAINT

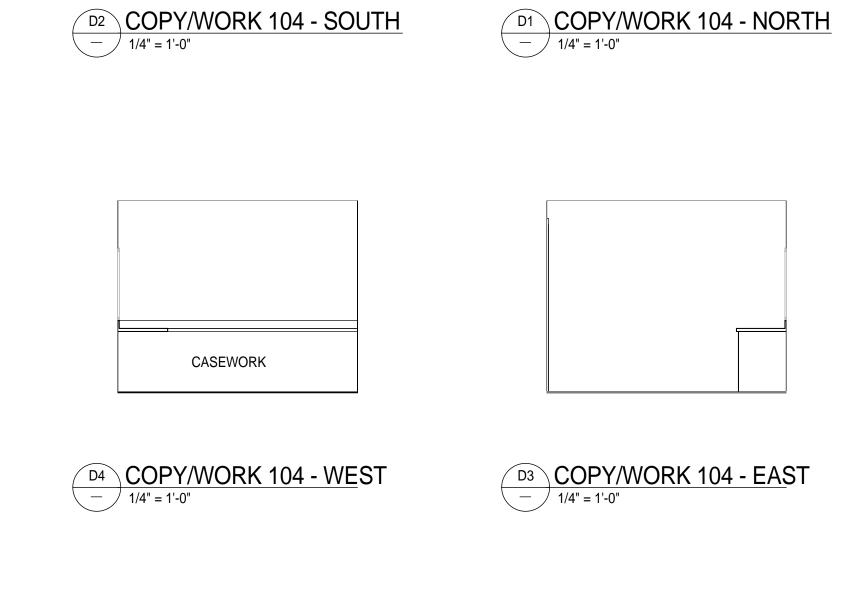
(1) ROOM IDENTIFICATION SIGNAGE

2 EXIT SIGN

3 ACCESSIBLE REST ROOM SIGNAGE

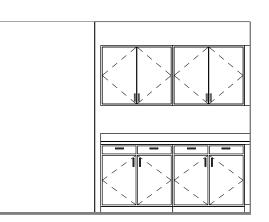
6"X6" / DALTILE - NATURAL HUES - CH08 CINDER W/ ABRASIVE FINISH

Capital Expenditure Managers Gateway Oaks Drive Suite 300 Sacramento, CA. 95833 (916) 648-9700	
	Ц
BUTTE REGIONAL TRANSIT OPERATIONS CENTER 326 HUSS LANE, CHICO CA	BUTTE COUNTY ASSOCIATION OF GOVERNMENTS
NOT FOR CONSTR PROJECT STATUS: 50% CONSTRUC DOCUMENT	CTION
	ONE INCH ON ORIGINAL
DRAWING	Date
JOB NO. 5006A3 DATE 8/26/15	01



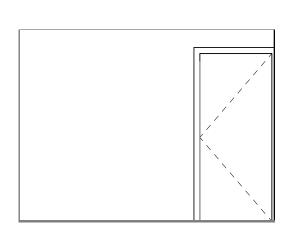
CASEWORK





C2 OPEN CONF 111 - SOUTH - 1/4" = 1'-0"

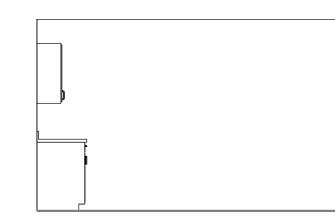


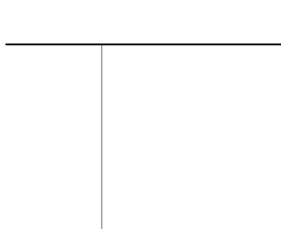


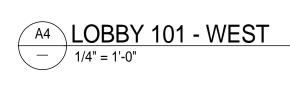
C1 OPEN CONF 111 - NORTH - 1/4" = 1'-0"

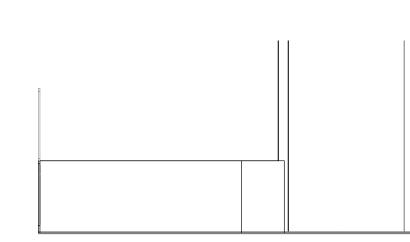


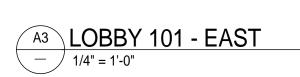
2		



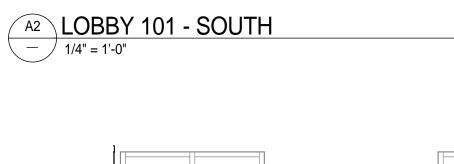


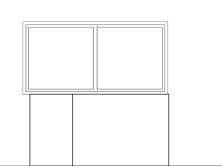


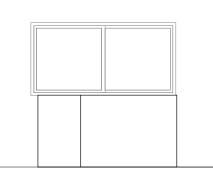




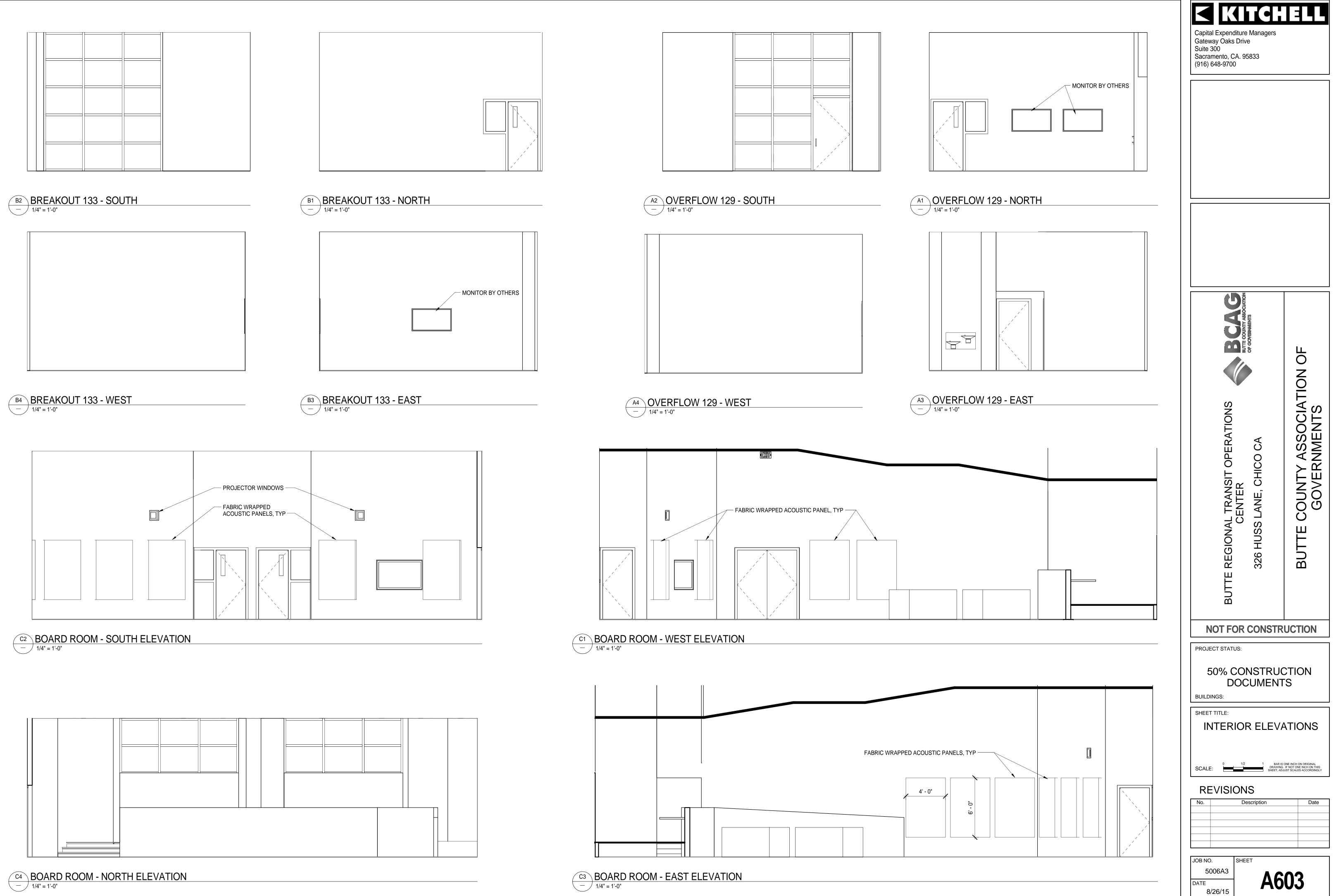


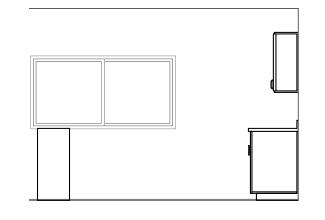




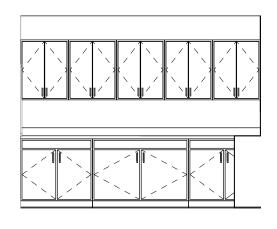


	KITCH	
	Capital Expenditure Managers Gateway Oaks Drive Suite 300 Sacramento, CA. 95833 (916) 648-9700	
SOUTH A1 LOBBY 101 - NORTH - 1/4" = 1'-0"		
EAST		
WEST	NSIT OPERATIONS ER I, CHICO CA	VTY ASSOCIATION OF VERNMENTS
	BUTTE REGIONAL TRAN CENTEF 326 HUSS LANE,	BUTTE COUN GOV
B1 KITCHEN 112 - SOUTH	NOT FOR CONSTRU	JCTION
	50% CONSTRUC DOCUMENTS BUILDINGS:	
	SHEET TITLE: INTERIOR ELEVA	TIONS
	SCALE: REVISIONS	IE INCH ON ORIGINAL NOT ONE INCH ON THIS ST SCALES ACCORDINGLY
B4 KITCHEN 112 - WEST B3 KITCHEN 112 - EAST	No. Description	Date
- 1/4" = 1'-0"	JOB NO. 5006A3 DATE 8/26/15	D2 TI_asalija@kitchell.com.rvt



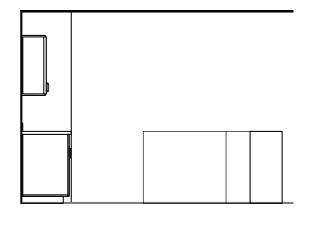


C2 RECEPTION 102 - SOUTH - 1/4" = 1'-0"

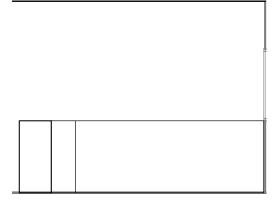


C4 RECEPTION 102 - WEST - 1/4" = 1'-0"

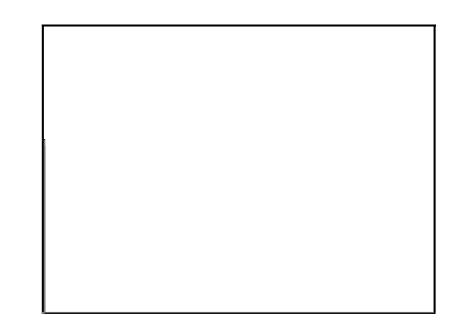
AST REVISION: 8/25/2015 5:40:07 PM



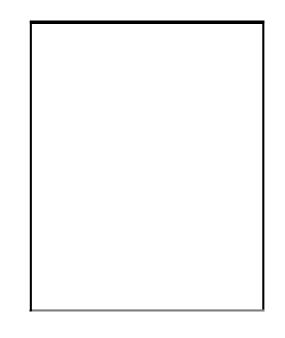
C1 RECEPTION 102 - NORTH - 1/4" = 1'-0"



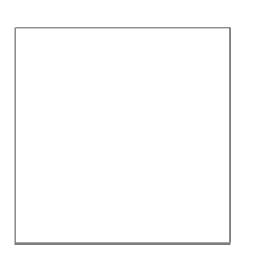
C3 RECEPTION 102 - EAST - 1/4" = 1'-0"

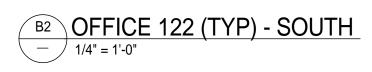


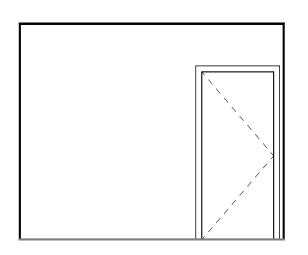
A2 AV 132 - SOUTH - 1/4" = 1'-0"

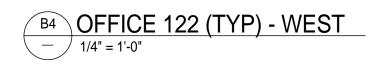


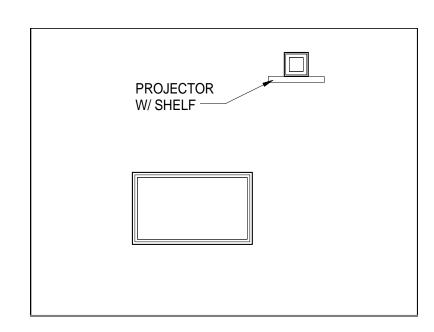
A4 AV 132 - WEST - 1/4" = 1'-0"



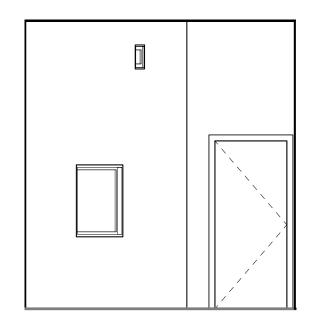




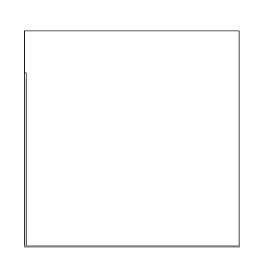




# A1 AV 132 - NORTH - 1/4" = 1'-0"



A3 AV 132 - EAST - 1/4" = 1'-0"



B1 OFFICE 122 (TYP) - NORTH - 1/4" = 1'-0"



B3 OFFICE 122 (TYP) - EAST - 1/4" = 1'-0"

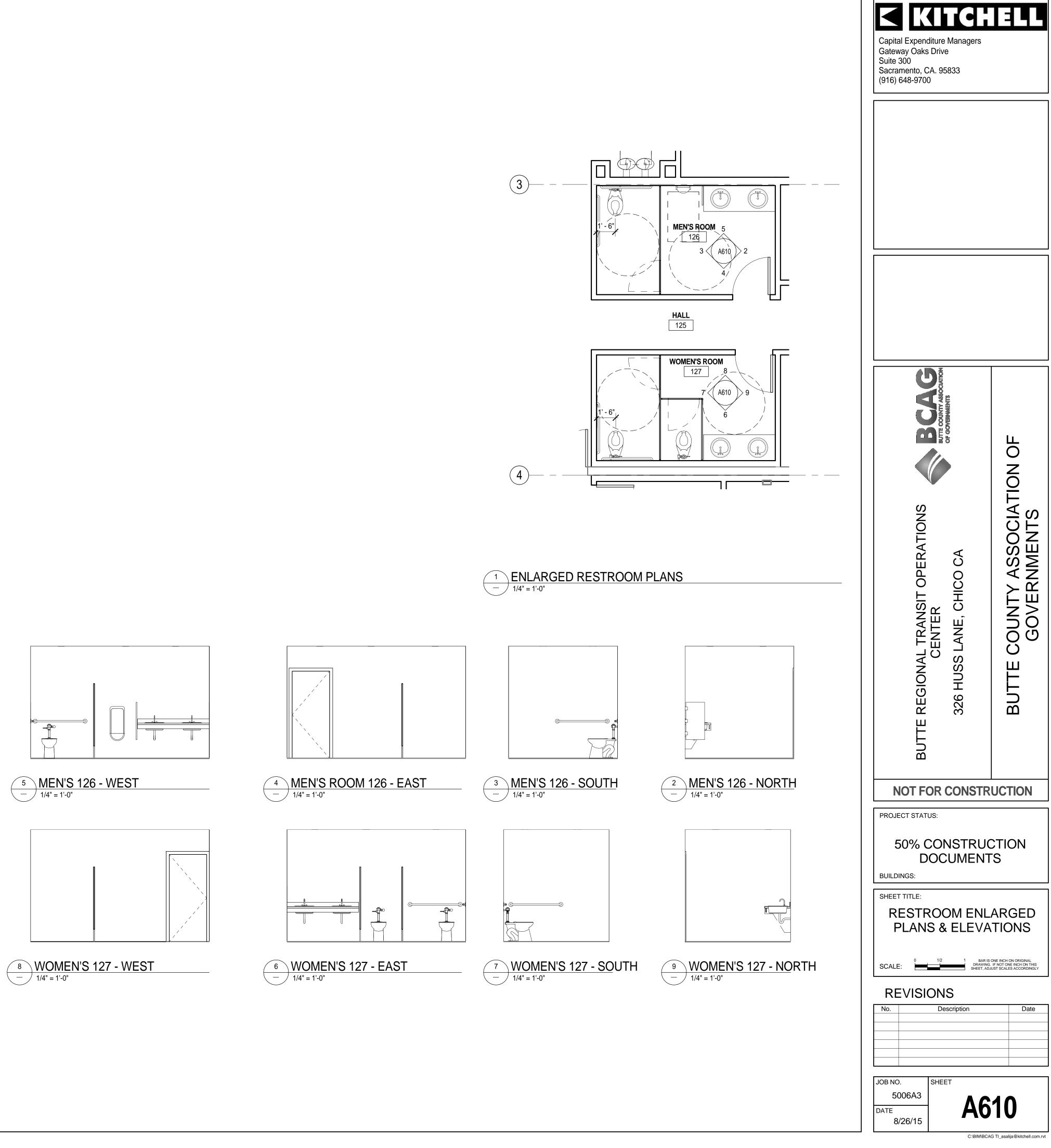
KITCHELL Capital Expenditure Managers Gateway Oaks Drive Suite 300 Sacramento, CA. 95833 (916) 648-9700 C COUNTY ASSOCIATION OF GOVERNMENTS **OPERATIONS** CA CO 326 HUSS LANE, CHI REGIONAL TRANSIT CENTER BUTTE BUTTE NOT FOR CONSTRUCTION PROJECT STATUS: **50% CONSTRUCTION** DOCUMENTS BUILDINGS: SHEET TITLE: INTERIOR ELEVATIONS SCALE: 0 1/2 1 BAR IS ONE INCH ON ORIGINAL BRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY REVISIONS No. Description Date JOB NO. SHEET

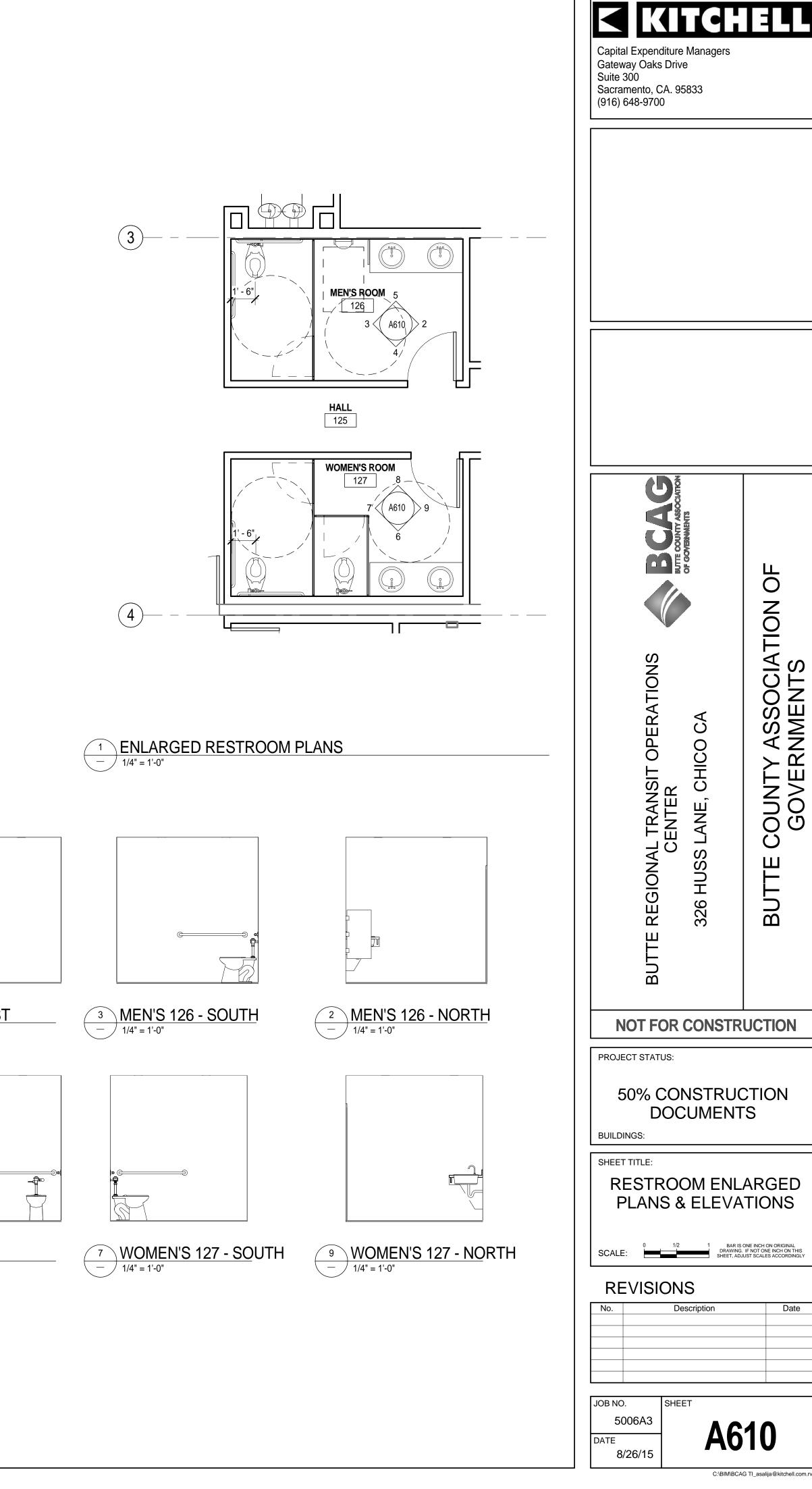
5006A3

8/26/15

DATE

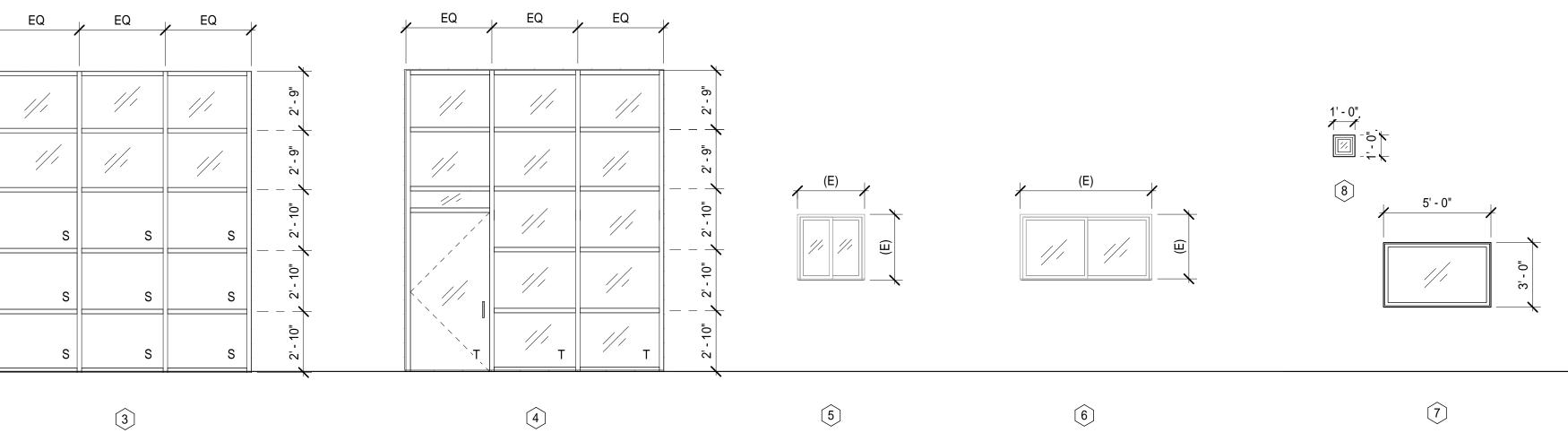
A604





	EQ	EQ	EQ	¥	<u> </u>
	///	///	1/1	2 <sup>-</sup> - 9	
EQ EQ	///	1/1	///	5- 0"	
	///	///	///	2'- 10"	
2ī - 0	1/1	1/1	1/1	5 - 10	
	/// т	/// T	T	 	

2



3

T = TEMPERED GLAZING

S = SPANDREL PANEL

= CLEAR GLAZING

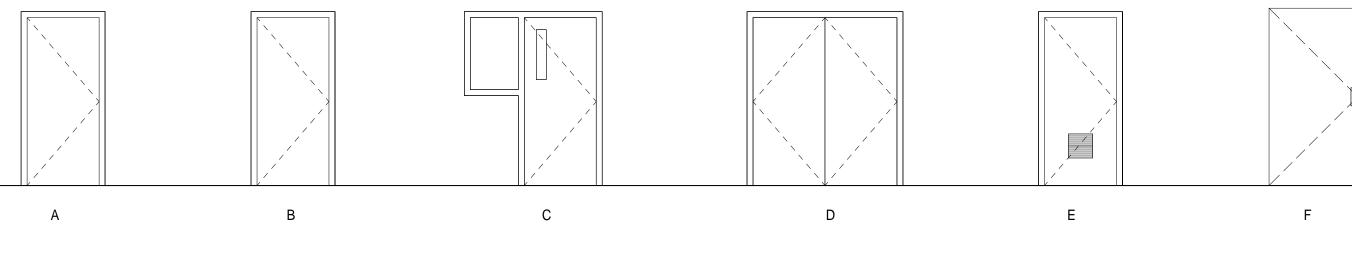
1-6: GC TO FIELD VERIFY OPENING SIZE

6

7

<b>KITCH</b>	
Capital Expenditure Managers Gateway Oaks Drive Suite 300	
Suite 300 Sacramento, CA. 95833 (916) 648-9700	
BCCARDON BUTTE COUNTY ASSOCIATION OF COVERNMENTS	
	ΟF
	NO
SNC NC	NTY ASSOCIATION OF VERNMENTS
NSIT OPERATIONS ER , CHICO CA	OUNTY ASSOCIA GOVERNMENTS
NSIT OPER/ ER	RNN
ANSIT TER E, CH	
AL TR. CEN1 S LAN	U U U
REGIONAL TRANS CENTER 326 HUSS LANE, C	BUTTE
	BU
BUTTE	
NOT FOR CONSTR	RUCTION
PROJECT STATUS:	
50% CONSTRU DOCUMEN	
BUILDINGS:	
WINDOW SCHEI	
0 1/2 1 ВАК	IS ONE INCH ON ORIGINAL
DRAWIN	NG. IF NOT ONE INCH ON THIS IDJUST SCALES ACCORDINGLY
No.         Description	Date
JOB NO. SHEET	I
5006A3 DATE 8/26/15	701

								DOOR SCHEDUL	E				
	DOOR FIRE FRAME												
DOOR #	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	TYPE	RATING	HARDWARE	MATERIAL	JAMB	HEAD	SILL	COMMENTS
<b>F</b> 4	3' - 0"	7' - 0"	0"										
51	<u> </u>		2"										
68		7' - 0"	2"										
69	3' - 0" 8' - 0"	7' - 0"	2"										CORRUCATED METAL CATE DAINT REP 4201
70		8' - 0"				G							CORRUGATED METAL GATE, PAINT PER A301
73	3' - 8"	7' - 5"	0"			F							STOREFRONT DOOR
104	3' - 0"	7' - 0"	2"				_						
105	3' - 0"	7' - 0"	2"			E							12"X12" LOUVER IN DOOR
106	3' - 0"	7' - 0"	2"										
107	3' - 0"	7' - 0"	2"										
108	3' - 0"	7' - 0"	2"										
109	3' - 0"	7' - 0"	2"			С							
110	3' - 0"	7' - 0"	2"			С	_						
114	3' - 0"	7' - 0"	2"										
115	3' - 0"	7' - 0"	2"										
116	3' - 0"	7' - 0"	2"										
117.1	3' - 0"	7' - 0"	2"										
117.2	3' - 0"	7' - 0"	2"										
117.3	3' - 0"	7' - 0"	2"										
119	3' - 0"	7' - 0"	2"										
120	3' - 0"	7' - 0"	2"										
121	3' - 0"	7' - 0"	2"										
122	3' - 0"	7' - 0"	2"										
123	3' - 0"	7' - 0"	2"										
124	3' - 0"	7' - 0"	2"										
125	3' - 0"	7' - 0"	2"										
126	3' - 0"	7' - 0"	2"			E							12"X12" LOUVER IN DOOR
127	3' - 0"	7' - 0"	2"			E							12"X12" LOUVER IN DOOR
128	3' - 0"	7' - 0"	2"										
129	3' - 0"	7' - 0"	2"			С							
131	3' - 0"	7' - 0"	2"			-							
132	3' - 0"	7' - 0"	2"										
133	3' - 0"	7' - 0"	2"			С							
135	3' - 0"	7' - 0"	2"			~							
136	3' - 0"	7' - 0"	2"			E							12"X12" LOUVER IN DOOR
137	6' - 0"	7' - 0"	2"			D							STC 45 OR 60, PRICE BOTH, BY IAC ACOUSTICS



SINGLE FLUSH 36"X84" GLAZED

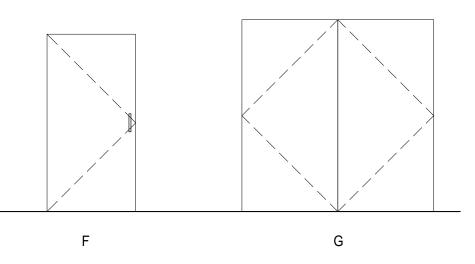
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SINGLE FLUSH 36"X84"

SINGLE VISION SIDE LITE 36"X84" GLAZED

DOUBLE FLUSH 72"X84" GLAZED

SINGLE FLUSH 36"X84"



CURTAIN WALL SGL GLASS 44 1/4"X88 3/4" CORRUGATED METAL GATE 8'-0" X 8'-0"

Capital Expenditure Managers         Gateway Oaks Drive         Suite 300         Sacramento, CA. 95833         (916) 648-9700	
BCAG BCAG BUTTE COUNTY ASSOCIATION OF GOVERNMENTS	ION OF
BUTTE REGIONAL TRANSIT OPERATIONS CENTER 326 HUSS LANE, CHICO CA	BUTTE COUNTY ASSOCIATION OF GOVERNMENTS
NOT FOR CONSTR	UCTION
PROJECT STATUS: 50% CONSTRUC DOCUMENT BUILDINGS:	
SHEET TITLE: DOOR SCHEDU DETAILS	
DRAWING.	DNE INCH ON ORIGINAL IF NOT ONE INCH ON THIS JST SCALES ACCORDINGLY
No.     Description	Date
JOB NO. SHEET 5006A3 DATE 8/26/15	02

# STRUCTURAL ABBREVIATIONS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
ABV	ABOVE	OH	OPPOSITE HAND
ALT	ALTERNATE	OSB	ORIENTED STRAND BOARD
AB	ANCHOR BOLT	OD	OUTSIDE DIAMETER
APPROX	APPROXIMATE		
ARCH'L	ARCHITECTURAL	PJP	PARTIAL JOINT PENETRATION
@	AT	PERP	PERPENDICULAR
_		PC	PIECE
ВМ	BEAM		PLATE
BRG	BEARING	IBS or #	POUNDS
BLW	BELOW	PT	PRESSURE TREATED
BTWN	BETWEEN	••	
BLKG	BLOCKING	R	RADIUS
BC	BOTTOM OF CONCRETE	REINF	REINFORCING
BOT	BOTTOM OF CONCRETE	REQ'D	REQUIRED
BOF	BOTTOM OF FOOTING	REQD	REGUIRED
BLDG	BUILDING	SW	SHEARWALL
BLDG	Boleding	SHTG	SHEATHING
CRC	CALIFORNIA BUILDING CODE		SHEET METAL SCREW
CBC		SMS	
CIP		SIM	SIMILAR
CLG	CEILING	SOG	SLAB ON GRADE
CTR	CENTER	SC	SLIP CRITICAL
<u></u> фС	CENTER TO CENTER	SQ	SQUARE
CL	CENTERLINE	STG'D	STAGGERED
CLR	CLEAR	STD	STANDARD
COL	COLUMN	STL	STEEL
CJP	COMPLETE JOINT PENETRATION	STFNR	
CONC			STRUCTURAL
		SP	
CMU	CONCRETE MASONRY UNIT		PLYWOOD/PANEL
CJ	CONSTRUCTION OR CONTROL JOINT	TUDO	
CONT		THRD	
	CONTINUOUS	TN	
CONTR	CONTRACTOR	T&G	TONGUE & GROOVE
CSK	COUNTERSINK	T&B	TOP AND BOTTOM
		TOC	TOP OF CONCRETE
DL	DEAD LOAD	TOF	TOP OF FOOTING
DIAG	DIAGONAL	ТОМ	TOP OF MASONRY
DIA or ø	DIAMETER	TOS	TOP OF STEEL
DIM	DIMENSION	TOW	TOP OF WALL
DO	DITTO	TOT	TOTAL
DBL	DOUBLE	TYP	TYPICAL
DF	DOUGLAS FIR		
DWG	DRAWING	UNO	UNLESS NOTED OTHERWISE
EA	EACH	VERT	VERTICAL
EF	EACH FACE		
EW	EACH WAY	WWF	WELDED WIRE FABRIC
EWEF	EACH WAY EACH FACE	WF	WIDE FLANGE
	EARTHQUAKE	W/	WITH
EN	EDGE NAILING	WP	WORK POINT
EOS	EDGE OF SLAB	VVI	
EL	ELEVATION		
EQ	EQUAL		
(E)	EXISTING		
EJ	EXPANSION JOINT		
EXT	EXTERIOR		
	EXTERIOR		
FB	FACE OF BLOCK (OR BRICK) OR FLAT BAR		
FC	FACE OF CONCRETE OR		
	FRAMING CLIP (SIMPSON A35		
	UNO)		
FS	FACE OF STUD OR FAR SIDE		
FN	FIELD NAILING		
FF	FINISH FLOOR		
FG	FINISH GRADE		
FT(')	FOOT/FEET OR FIRE TREATED		
FTG	FOOTING		
FDN	FOUNDATION		
GA	GAUGE OR GAGE		
GLB	GLUED LAMINATED BEAM		
HB HDR			
	HEADER		
HT			
HSB			
	HOLLOW STRUCTURAL STEEL		
HORIZ	HORIZONTAL		
	NEEDIOO		
INTR	INTERIOR		
INTRM	INTERMEDIATE		
JT	JOINT		
JH	JOIST HANGER		
LS	LAG SCREW		
LW	LIGHT WEIGHT		
LL	LIVE LOAD		
LLH	LONG LEG HORIZONTAL		
LLV	LONG LEG VERTICAL		
MB	MACHINE BOLT		
MFR	MANUFACTURER		
MAX	MAXIMUM		
MTL	METAL		
MISC	MISCELLANEOUS		
NS	NEAR SIDE		
(N)	NEAR SIDE NEW		
. ,	NEVV NORMAL WEIGHT		
NW			
NTS	NOT TO SCALE		
ос	ON CENTER		
	UNULINIER		
L			

# CONCRETE

1.	STRUCTURAL CONCRETE SHALL ATTAIN 28 DAY COMPRESSIV MAXIMUM SLUMP SHALL NOT EXCEED 4 INCHES.
2.	CONCRETE MIX DESIGNS SHALL BE PREPARED BY A REGISTE TESTING LABORATORY AND SUBMITTED TO THE STRUCTURAI
3.	CEMENTITIOUS MATERIALS: CEMENT SHALL CONFORM TO ASTM C-150 TYPE I OR II. FLY ASH SHALL CONFORM TO ASTM C-618. MAX QUANTITY OF UNO).
4.	CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33 FO 330 FOR LIGHTWEIGHT CONCRETE.
5.	NON-SHRINK GROUT OR DRYPACK SHALL CONSIST OF A PREI
6.	REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE GRADE 40 FOR #3 AND SMALLER, EXCEPT REINFORCING STEE 706. CONTRACTOR SHALL SUBMIT REBAR MILL CERTIFICATES
7.	ALL PREHEATING AND WELDING OF REINFORCING BARS SHALL LATEST EDITION AND SHALL BE CONTINUOUSLY INSPECTED E SHALL FURNISH WPS FOR ALL REBAR WELDING TO THE LABO
8.	REINFORCING STEEL SHALL BE FABRICATED ACCORDING TO REINFORCED CONCRETE CONSTRUCTION".
9.	DIMENSIONS SHOWN FOR LOCATION OF REINFORCING ARE TO CLEAR COVERAGE. NON-PRESTRESSED, CAST-IN-PLACE CON
	UNO: CONCRETE DEPOSITED DIRECTLY AGAINST GROUND ( CONCRETE EXPOSED TO GROUND OR WEATHER BUT #5 AND SMALLER 1-1/2" #6 AND LARGER 2" SLABS (ON FORMS) 3/4" SLABS (ON GROUND) 2" CLEA
10.	SPLICES IN CONTINUOUS REINFORCEMENT SHALL BE LAPPED ADJACENT BARS SHALL BE GREATER THAN 5'-0" APART. SPLID BEAMS, STRUCTURAL SLABS ON GRADE AND MAT FOUNDATIO CENTERLINE OF SUPPORT; BOTTOM BARS AT MID-SPAN. SPLID AND BEAMS, ETC. AS FOLLOWS UNO: TOP BARS AT MID-SPAN;
11.	THE MINIMUM CLEAR SPACING BETWEEN PARALLEL BARS IN A OF BAR DIAMETER, 1", OR 33% GREATER THAN THE MAXIMUM GREATEST. THIS REQUIREMENT ALSO APPLIES TO THE CLEAR PARALLEL BARS AND TO THE CLEAR DISTANCE BETWEEN A C OR BARS.
13.	ALL HOOKS SHALL BE STANDARD HOOKS UNLESS OTHERWIS HOOKS AT ENDS OF ALL REINFORCING AT ENDS, CORNERS A
14.	CONSTRUCTION JOINTS SHALL BE MADE ROUGH AND ALL LAI CONCRETE MAY BE ROUGHENED BY CHIPPING THE ENTIRE SU SURFACE TO PROVIDE 1/4" DEEP DEFORMATIONS.
15.	REMOVE ALL DEBRIS FORM FORMS BEFORE CASTING ANY CC
16.	REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC. TO SECURELY POSITIONED BEFORE PLACING CONCRETE.
17.	ANCHOR BOLTS (AB'S) CAST IN CONCRETE OR MASONRY FOR BE HEADED BOLTS WITH CUT THREADS CONFORMING TO AST ADDITIONAL REQUIREMENTS FOR BOLTS IN CONTACT WITH P MATERIAL. REFER TO "STRUCTURAL STEEL" NOTE FOR REQU CONCRETE FOR COLUMN BASE PLATE AND STEEL EMBED API
18.	DOWEL ALL VERTICAL REINFORCING IN WALLS AND COLUMNS
19.	CONSOLIDATE CONCRETE PLACED IN FORMS BY MECHANICAL HAND-SPADING, RODDING OR TAMPING. USE EQUIPMENT AND CONCRETE IN ACCORDANCE WITH THE RECOMMENDED PRACE CONCRETE AND PROJECT CONDITIONS. CONCRETE SHALL NE STEEL (AS IN WALLS) SO AS TO CAUSE SEGREGATION OF AGO CHUTES OR TRUNKS OF VARIABLE LENGTHS SHALL BE USED CONCRETE SHALL NOT EXCEED 6 FEET.
20. 21.	DRILL THROUGH STEEL COLUMNS, BEAMS AND PLATES TO PA
22.	NO WOOD SPREADERS ALLOWED. NO WOOD STAKES ALLOW PROVIDE #5 X 4'-0" DIAGONAL REINFORCING AT TOP AND BOT
23.	TYPICAL. THIS APPLIES TO SLAB ON GRADE. ALL SAW CUTTING SHALL BE DONE AFTER INITIAL SET HAS OC
24.	THE SAW BLADE, BUT BEFORE INITIAL SHRINKAGE HAS OCCU
	NOTIFY STRUCTURAL ENGINEER A MINIMUM OF 48 HOURS BE
	CONCRETE STRENGTHS & MIX PROPERTIES UNO: MAX AGGR.
	ITEM <u>fc AT 28 DAYS</u> <u>SIZE</u>
	SLAB ON GRADE3000 PSI1"FOUNDATIONS3000 PSI1"
	* W/CM = WATER: CEMENTITIOUS MATERIAL RATIO
D	ESIGN CRITERIA
1.	CODES AND STANDARDS 4
	2013 CALIFORNIA BUILDING CODE (CBC) ASCE 7-10 ACI 318-11 2013 NDS
	AISC 360-10, 341-10, 358-10
2.	VERTICAL LOADS ROOF LIVE LOAD = 20 PSF
	FLOOF LIVE LOAD = 20 PSF FLOOR LIVE LOAD = 100 PSF FLOOR PARTITION LIVE LOAD = N/A CORRIDORS = N/A LIVE LOADS ARE REDUCED WHERE PERMITTED BY
3.	CODE. SOIL VALUES

MINIMUM DEPTH = <u>12" BELOW LOWEST ADJACENT GRADE</u> MINIMUM WIDTH = 12"

ALLOWABLE SOILS PRESSURE

FOOTING

1. DL <u>N/A</u> PSF 2. DL + LL <u>1500</u> PSF 3. DL + LL + Eq / WD <u>1500</u> PSF

		GENERAL STRUCTURAL NOTES	
/E STRENGTH AS REQU	IRED IN NOTE #24.	1. INTERPRETATION OF DRAWINGS & SPECIFICATIONS	
RED CIVIL ENGINEER, F L ENGINEER FOR REVIE	REVIEWED BY OWNER'S EW.	<ul> <li>A. FOR CONVENIENCE, SPECIFICATIONS HAVE BEEN PREPARED FOR THIS PROJECT AND ARE ARRANGED IN SEVERAL SECTIONS, BUT SUCH SEPARATION SHALL NOT BE CONSIDERED AS THE LIMITS OF THE WORK REQUIRED OF ANY SEPARATE TRADE. THE TERMS AND CONDITIONS OF SUCH LIMITATIONS ARE WHOLLY BETWEEN THE CONTRACTOR AND HIS SUBCONTRACTORS.</li> </ul>	
FLYASH SHALL BE AS (	GIVEN IN SPECS (15% MAX	<ul> <li>B. IN GENERAL, THE WORKING DETAILS WILL INDICATE DIMENSIONS, POSITION AND KIND OF CONSTRUCTION, AND THE SPECIFICATIONS, QUALITIES AND METHODS. ANY WORK INDICATED ON THE WORKING DETAILS</li> </ul>	
OR NORMAL WEIGHT CC	NCRETE AND ASTM C-	AND NOT MENTIONED IN THE SPECIFICATIONS, OR VICE VERSA, SHALL BE FURNISHED AS THOUGH FULLY SET FORTH IN BOTH. WORK NOT PARTICULARLY DETAILED, MARKED OR SPECIFIED, SHALL BE THE SAME AS SIMILAR PARTS THAT ARE DETAILED, MARKED OR SPECIFIED. IF CONFLICTS OCCUR ON DRAWINGS	
MIXED NONMETALLIC F	ORMULA.	AND/OR SPECIFICATIONS, THE MOST EXPENSIVE MATERIALS OR METHODS WILL PREVAIL. C. SHOULD AN ERROR APPEAR IN THE WORKING DETAILS OR SPECIFICATIONS OR IN WORK DONE BY OTHERS	
E 60 FOR #4 AND LARGE EL TO BE WELDED SHAI S.	ER, AND ASTM A-615 LL CONFORM TO ASTM A-	AFFECTING THIS WORK, THE CONTRACTOR SHALL NOTIFY THE OWNER AT ONCE AND IN WRITING. IF THE CONTRACTOR PROCEEDS WITH THE WORK SO AFFECTED WITHOUT HAVING GIVEN SUCH WRITTEN NOTICE AND WITHOUT RECEIVING THE NECESSARY APPROVAL, DECISION OR INSTRUCTIONS IN WRITING FROM THE OWNER, THEN HE SHALL HAVE NO VALID CLAIM AGAINST THE OWNER, FOR THE COST OF SO PROCEEDING	
LL BE DONE IN ACCORD BY A QUALIFIED LABOR/ PRATORY.		AND SHALL MAKE GOOD ANY RESULTING DAMAGE OR DEFECT. NO VERBAL APPROVAL, DECISION, OR INSTRUCTION SHALL BE VALID OR BE THE BASIS FOR ANY CLAIM AGAINST THE OWNER, ITS OFFICERS, EMPLOYEES OR AGENTS. THE FOREGOING INCLUDES TYPICAL ERRORS IN THE SPECIFICATIONS OR	
"MANUAL OF STANDAR	D PRACTICE FOR	NOTATIONAL ERRORS IN THE WORKING DETAILS WHERE THE INTERPRETATION IS DOUBTFUL OR WHERE THE ERROR IS SUFFICIENTLY APPARENT AS TO PLACE A REASONABLY PRUDENT CONTRACTOR ON NOTICE THAT, SHOULD HE ELECT TO PROCEED, HE IS DOING SO AT HIS OWN RISK.	
O THE FACE OF BARS L NCRETE COVERAGE SH		2. CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODES AND REGULATIONS.	
(EXCEPT SLABS) 3" PLACED IN FORMS:		3. SHOP DRAWING NOTE:	
FLACED IN FORMIS.		A. SHOP DRAWINGS SHALL BE SUBMITTED IN ELECTRONIC PDF FORMAT.	
R FROM TOP UNO		B. THE PURPOSE OF SHOP DRAWINGS SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER	
,		THAT HE UNDERSTANDS THE DESIGN CONCEPT BY INDICATING WHICH MATERIAL HE INTENDS TO FURNISH AND INSTALL, AND BY DETAILING THE FABRICATION AND INSTALLATION METHODS HE INTENDS TO USE ON A STAND ALONE SET OF DOCUMENTS. DUPLICATION OF DESIGN DOCUMENTS FOR THE PURPOSE OF SHOP DRAWINGS IS NOT ACCEPTABLE.	
; BOTTOM BARS AT CEN	NTERLINE OF SUPPORT.	C. PRIOR TO FABRICATION, SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW BY THE STRUCTURAL ENGINEER, SHOP DRAWING SUBMITTALS SHALL INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO, STRUCTURAL STEEL & REINFORCING STEEL.	
R SPACING BETWEEN D CONTACT LAP SPLICE AI	DIFFERENT LAYERS OF	D. PRIOR TO SUBMISSION THE CONTRACTOR SHALL REVIEW ALL SUBMITTALS FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS AND SHALL STAMP SUBMITTALS AS BEING "REVIEWED FOR CONFORMANCE".	
E SHOWN OR NOTED.	,	E. SHOP DRAWINGS SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS.	
ND INTERSECTIONS, UN		F. ANY DETAIL ON THE SHOP DRAWING THAT DEVIATES FROM THE CONTRACT DOCUMENTS SHALL CLEARLY BE MARKED WITH THE NOTE "THIS A CHANGE".	
URFACE, SAND BLASTIN	NG, OR RAKING THE	G. SHOP DRAWINGS OR CALCULATIONS SUBMITTED FOR REVIEW THAT REQUIRE RESUBMITTAL FOR RE-REVIEW WILL NOT PROCEED WITHOUT WRITTEN APPROVAL FROM THE GENERAL CONTRACTOR FOR ADDITIONAL ENGINEERING REVIEW SERVICES.	
O BE EMBEDDED IN CO	NCRETE SHALL BE	4. SAFETY NOTE:	
R WALL SILL AND LEDGE TM A307, UNO. REFER T	R/APPLICATIONS SHALL	A. IT IS THE CONTRACTORS RESPONSIBILITY TO COMPLY WITH THE PERTINENT SECTIONS, AS THEY APPLY TO THIS PROJECT, OF THE "CONSTRUCTION SAFETY ORDERS" ISSUED BY THE STATE OF CALIFORNIA LATEST EDITION, AND ALL OSHA REQUIREMENTS.	
RESSURE TREATED OF		B. THE OWNER AND THE ENGINEER DO NOT ACCEPT ANY RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY WITH THESE REQUIREMENTS.	
S FROM FOUNDATION V	VITH SAME SIZE BAR.	C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS AND SHORING REQUIRED.	
L VIBRATING EQUIPMEN D PROCEDURES FOR C CTICES OF ACI 309 TO S IOT BE DROPPED THRO GREGATES. IN SUCH C/ SO THAT THE FREE UN	SUIT THE TYPE OF UGH REINFORCING ASES HOPPERS AND	5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHERE A CONFLICT OR DISCREPANCY OCCURS BETWEEN THE STRUCTURAL DRAWINGS AND ANY OTHER PORTION OF THE CONTRACT DOCUMENTS OR EXISTING FIELD CONDITIONS. SUCH NOTIFICATION SHALL BE GIVEN IN DUE TIME SO AS NOT TO AFFECT THE CONSTRUCTION SCHEDULE. IN A CASE OF CONFLICT BETWEEN THE STRUCTURAL DRAWINGS AND SPECIFICATIONS THE MORE RESTRICTIVE CONDITION SHALL TAKE PRECEDENCE UNLESS WRITTEN APPROVAL HAS BEEN GIVEN FOR THE LEAST RESTRICTIVE. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO COMMENCING ANY WORK.	
ASS CONTINUOUS REIN /ED IN AREAS TO BE CO		6. WHERE NO SPECIFIC DETAIL IS SHOWN, THE CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THIS PROJECT. SHOULD THERE BE ANY QUESTION, CONTACT THE ENGINEER PRIOR TO PROCEEDING.	E
TOM OF SLAB AT ALL R		7. WHEN CONSTRUCTION ATTACHES TO AN EXISTING BUILDING, A COMPLETE SET OF DRAWINGS OF THE EXISTING BUILDING SHALL BE KEPT ON THE JOB SITE. CONTRACTOR TO OBTAIN THE THESE DRAWINGS FROM THE OWNER.	
CCURRED TO AVOID TE IRRED.	ARING OR DAMAGE BY	8. ANY SUBSTITUTIONS FOR STRUCTURAL MEMBERS, HARDWARE OR DETAILS SHALL BE REVIEWED BY THE ENGINEER. SUCH REVIEW WILL BE BILLED ON A TIME AND MATERIALS BASIS TO THE GENERAL CONTRACTOR WITH NO GUARANTEE THAT THE SUBSTITUTION WILL BE ALLOWED.	
FORE PLACING ANY CO	DNCRETE.	9. DO NOT SCALE DRAWINGS. CONTACT THE ENGINEER FOR ANY DIMENSIONS NOT SHOWN.	
		10. THESE DRAWINGS ARE NOT COMPLETE UNTIL REVIEWED AND ACCEPTED BY LOCAL BUILDING OFFICIALS AND SIGNED BY THE OWNER AND THE ENGINEER.	
<u>WEIGHT</u> NW	<u>MAX W/CM* RATIO</u> 0.45		
NW	0.58	STATEMENT OF STRUCTURAL SPECIAL INSPECTIONS AND TESTING	
LATERAL LOADS		1. SPECIAL INSPECTIONS AND TESTING SHALL BE PROVIDED BY AN INSPECTION AGENCY,	
SEISMIC: SITE CLASS D $S_s = 0.615$ $S_1 = 0.273$	C <sub>s</sub> = N/A S <sub>ds</sub> = 0.536	EMPLOYED BY THE OWNER, AND QUALIFIED BY THE BUILDING OFFICIAL TO INSPECT THE PARTICULAR TYPE OF CONSTRUCTION. TESTS AND INSPECTIONS, AS REQUIRED BY3. THE SPECIAL INS OFFICIAL AND TH CHAPTER 17 OF THE 2013 CBC, SHALL BE PERFORMED DURING CONSTRUCTION ON THE TYPES OF WORK LISTED BELOW:3. THE SPECIAL INS OFFICIAL AND TH DOCUMENTS. AN ATTENTION OF TH	ie di Whi Ny d
$R = 2, I = 1.0, I_{f}$		INSPECTIONS & TESTING:	

- $\Omega_{0} = 2.5, Cd = 1.75, CMU SW$ 2.0, PLYWOOD SW RISK CATEGORY: II
- SEISMIC DESIGN CATEGORY: D SEISMIC BASE SHEAR = N/A KIPS (NS DIR) N/A KIPS (EW DIR) SEISMIC FORCE RESISTING SYSTEM: BRG WALL - PLYWOOD SW/CMU SW ANALYSIS PROCEDURE: EQUAL LAT'L FORCE
- WIND:
- BASIC WIND SPEED = 110 MPHNOMINAL DESIGN WIND SPEED = 85 MPHEXPOSURE CATEGORY = C GC<sub>pi</sub> =  $\pm 0.18$

■ STEEL CONSTRUCTION — SECTION 1705.2 & AISC 360

□ WOOD CONSTRUCTION -

□ PILE FOUNDATIONS ——

□ PIER FOUNDATIONS —

SOILS —

HIGH-LOAD DIAPHRAGM -----

■ CONCRETE CONSTRUCTION — SECTION 1705.3 & TABLE 1705.3

MASONRY CONSTRUCTION - LEVEL 1— SECTION 1705.4 & TMS 402/ACI 530/

ASCE5 & TMS602/ACI530.1/ASCE.6

- SECTION 1705.5

- SECTION 1705.6

\_\_\_\_\_ SECTION 1705.5.1

\_\_\_\_\_ SECTION 1705.7

\_\_\_\_\_ SECTION 1705.8

- 2. INSPECTIONS MAY BE CONTINUOUS OR PERIODIC AS ALLOWED BY THE INDIVIDUAL MATERIAL OR COMPONENT INSPECTION SECTIONS AND TABLES OF SECTION 1705.
- L INSPEC ND THE DE FS. ANY DI I OF THE C CORRECTED, THEY SH OFFICIAL AND DESIGN
- 4. ALL SPECIAL INSPECT APPROVED BY THE BI
- 5. TESTING AND INSPEC CONSTRUCTION.
- 6. THE CONTRACTOR S ACKNOWLEDGING RE FORCE RESISTING SY BY SECTION 1704 OF
- 7. FOR TESTING AND INS AND COMPONENTS, SE 17 OF THE 2013 CBC.

	STRUCTURAL SYMBOLS	
		Capital Expenditure Managers
	MATCH LINE 1 / S101A SHEET NUMBER 1 / S101B SHADED PORTION IS SIDE	Suite 300 Sacramento, CA. 95833
	CONTROL POINT, ELEVATION, OR	
	GRID LINES	
CONNECTION   STRUCTURAL MATERIALS   STRUCTURAL MATERIALS   STARTH   CONTROL   DESCRIPTION   DESCRIPTION<		
SYNBOL       DESCRIPTION         Image: Single Construction       EARTH         Image: Single Construction       Sonor Kontrak / Pluster / GROUT         Image: Single Construction       Sonor Kontrak / Pluster / GROUT         Image: Single Construction       Sonor Kontrak / Pluster / GROUT         Image: Single Construction       Site II         Image: Site II       Onu wall         Image: Site III       Onu wall         Image: Site III       Onu wall         Image: Site IIII       Onu wall         Image: Site IIII       Onu wall         Image: Site IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	CONNECTION X123	
SARTH SARTH SOUCH START / PLASTER / GRUTT	STRUCTURAL MATERIALS	
	SYMBOL DESCRIPTION	
CAST IN PLACE OR PRECAST CONCRETE STEEL CONCRETE CONCRETE CONCRETE CONCRETE STEEL CONCRETE CONCRE	EARTH	S AS AS
CAST IN PLACE OR PRECAST CONCRETE STEEL CONCRETE CONCRETE CONCRETE CONCRETE STEEL CONCRETE CONCRE	ROCK FILL	
CAST IN PLACE OR PRECAST CONCRETE STEEL CONCRETE CONCRETE CONCRETE CONCRETE STEEL CONCRETE CONCRE		NME ASS
STEEL  STEEL  SUDD FRAMING THRU MEMBER  SUDD FRAMING THRU MEMBER  SUDD FRAMING ITHRU MEMBER  SUDD FRAMING ITHRU MEMBER  SUDD PLYWOOD  NOT FOR CONSTRUCTION  PROJECT STATUS:  50% CONSTRUCTION		
VOOD FRAMING THRU MEMBER         WOOD FRAMING THRU MEMBER         WOOD FRAMING INTERRUPTED         PLYWOOD         PLYWOOD         PLYWOOD         PLYWOOD         PLYWOOD         Status         Status         PLYWOOD         PLYWOOD         PLYWOOD         PLYWOOD         PLYWOOD         PLYWOOD         PLYWOOD         PLYWOOD         PROJECT STATUS:         SOM CONSTRUCTION DOCUMENTS         BUILDINGS:         STRUCTURAL ABBREVATIONS, SYMBOLS, & NOTES         STRUCTURAL ABBREVATIONS, SYMBOLS, & NOTES         STRUCTURAL ABBREVATIONS, SYMBOLS, & NOTES         STRUCTURAL ABBREVATIONS         STRUCTURAL ABBREVATIONS, SYMBOLS, & NOTES         STRUCTURAL ABBREVATIONS         STRUCTURAL ABBREVATIONS         STRUCTURAL ABBREVATIONS         STRUCTURAL ABBREVATIONS         STRUCTURAL         STRUCTURAL         STRUCTURAL         STRUCTURAL         MEMBER         STRUCTURAL         STRUCTURAL         STRUCTURAL         STRUCTURAL         STRUCTURAL         STRUCTURAL <td>STEEL</td> <td>GUN <sup>A</sup>NE, ANE</td>	STEEL	GUN <sup>A</sup> NE, ANE
	CMU WALL	E C E C E C E C E C E C E C E C E C E C
	WOOD FRAMING THRU MEMBER	
CTOR SHALL SUBMIT INSPECTION REPORTS TO THE BUILDING ESGION PROFESSIONAL IN RESPONSIBLE CHARGE. THE REPORTS ESTINE VORTING TO COMMENCEMENT OF THE CONSTRUCTION UNPOPERSIONAL IN RESPONSIBLE CHARGE. THE REPORTS SUBJICITION OF THE BUILDING IN PROFESSIONAL IN RESPONSIBLE CHARGE. THE CONSTRUCTION SIGNEPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE SUBJICITION OF THE BUILDING IN PROFESSIONAL IN RESPONSIBLE CHARGE. TICH ADDRESSIONAL IN RESPONSIBLE CHARGE. THE REPORTS SUBJICITION OF THE BUILDING SUBJIC CONSTRUCTION OF THE BUILDING IN PROFESSIONAL IN RESPONSIBLE CHARGE. TION AGENCIES/NDIVIDUALS AND SHOP FABRICATORS SHALL BE SUBJICITION OF THE BUILDING OFFICIAL ESPONSIBILITY FOR CONSTRUCTION OF THE MAIN LATERAL- SUBJIC CONSTRUCTION DOCUMENTS AND COMPLY WITH CHAPTER		
PROJECT STATUS: S0% CONSTRUCTION DOCUMENTS BUILDINGS: BUILDINGS: SHEET TITLE: STRUCTURAL ABBREVATIONS, SYMBOLS, & NOTES CONTRACTOR FOR CORRECTION. IF BUILDING SONTRACTOR FOR CORRECTION. IF DISCREPANCIES ARE NOT SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING TON AGENCIES/INDIVIDUALS AND SHOP FABRICATORS SHALL BE BUILDING OFFICIAL PRIOR TO COMMENCEMENT OF WORK. CTION RECORDS SHALL BE RETAINED UNTIL COMPLETION OF SHALL SUBMIT A WRITTEN STATEMENT TO THE BUILDING SPECTION REQUIREMENTS FOR NON-STRUCTURAL MATERIALS SEE CONSTRUCTION OF THA MAIN LATERIAL. SUBMIT A WRITTEN STATEMENT TO THE BUILDING SPECTION REQUIREMENTS FOR NON-STRUCTURAL MATERIALS SEE CONSTRUCTION DOCUMENTS AND COMPLY WITH CHAPTER	PLYWOOD	BUT
STOR SHALL SUBMIT INSPECTION REPORTS TO THE BUILDING ESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. THE REPORTS ESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. TION AGENCIESSINAL UN RESPONSIBLE CHARGE. TION AGENCIESSINAL IN THE STATEMENT TO THE BUILDING OFFICIAL ESPONSIBILITY FOR CONSTRUCTION OF THE MAIN LATERAL. SUBMIT A WRITTEN STATEMENT TO THE BUILDING OFFICIAL ESPONSES CONSTRUCTION OF THE ANN LATERAL. SUBMIT A WRITTEN STATEMENT TO THE BUILDING OFFICIAL ESPONSES CONSTRUCTION OF THE ANN LATERAL. SUBMIT A WRITTEN STATEMENT TO THE BUILDING OFFICIAL ESPONSES CONSTRUCTION OF THE ANN LATE		NOT FOR CONSTRUCTION
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SHEET TITLE: STRUCTURAL ABBREVATIONS, SYMBOLS, & NOTES SYMBOLS, & NOTES SYMBOLS		DOCUMENTS
TOR SHALL SUBMIT INSPECTION REPORTS TO THE BUILDING ESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. THE REPORTS ETHER WORK INSPECTED CONFORMED TO THE CONSTRUCTION NSCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE CONTRACTOR FOR CORRECTION. IF DISCREPANCIES ARE NOT SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING EN PROFESSIONAL IN RESPONSIBLE CHARGE. TION AGENCIES/INDIVIDUALS AND SHOP FABRICATORS SHALL BE BUILDING OFFICIAL PRIOR TO COMMENCEMENT OF WORK. CTION RECORDS SHALL BE RETAINED UNTIL COMPLETION OF SHALL BE BROUGHT TO THE STATEMENT TO THE BUILDING OFFICIAL ESPONSIBILITY FOR CONSTRUCTION OF THE MAIN LATERAL- YSTEM PRIOR TO COMMENCEMENT OF THAT WORK AS REQUIRED THE 2013 CBC. ISPECTION REQUIREMENTS FOR NON-STRUCTURAL MATERIALS SEE CONSTRUCTION DOCUMENTS AND COMPLY WITH CHAPTER		
CONTRACTOR FOR CORRECTION. IF DISCREPANCIES ARE NOT SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING IN PROFESSIONAL IN RESPONSIBLE CHARGE. STION AGENCIES/INDIVIDUALS AND SHOP FABRICATORS SHALL BE BUILDING OFFICIAL PRIOR TO COMMENCEMENT OF WORK. CTION RECORDS SHALL BE RETAINED UNTIL COMPLETION OF SHALL SUBMIT A WRITTEN STATEMENT TO THE BUILDING OFFICIAL ESPONSIBILITY FOR CONSTRUCTION OF THE MAIN LATERAL- YSTEM PRIOR TO COMMENCEMENT OF THAT WORK AS REQUIRED THE 2013 CBC. ISPECTION REQUIREMENTS FOR NON-STRUCTURAL MATERIALS SEE CONSTRUCTION DOCUMENTS AND COMPLY WITH CHAPTER 	CTOR SHALL SUBMIT INSPECTION REPORTS TO THE BUILDING DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. THE REPORTS DETHER WORK INSPECTED CONFORMED TO THE CONSTRUCTION DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE	ABBREVATIONS, SYMBOLS, & NOTES
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ISPECTION REQUIREMENTS FOR NON-STRUCTURAL MATERIALS SEE CONSTRUCTION DOCUMENTS AND COMPLY WITH CHAPTER DATE	ESPONSIBILITY FOR CONSTRUCTION OF THE MAIN LATERAL- SYSTEM PRIOR TO COMMENCEMENT OF THAT WORK AS REQUIRED THE 2013 CBC.	
	NSPECTION REQUIREMENTS FOR NON-STRUCTURAL MATERIALS SEE CONSTRUCTION DOCUMENTS AND COMPLY WITH CHAPTER	5006A3 <b>S001</b>

S	FRUCTURAL STEEL	
1.	FABRICATION, ERECTION AND MATERIALS SHALL CONFORM WITH THE AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, THE AISC SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS, AND THE CALIFORNIA BUILDING CODE, LATEST EDITIONS.	1
2.	STRUCTURAL STEEL WIDE FLANGE SHAPES SHALL CONFORM WITH ASTM A992. ALL OTHER STRUCTURAL STEEL ROLLED SHAPES (CHANNELS, ANGLES, ETC) AND PLATES SHALL CONFORM WITH ASTM A36, UNO.	2
3.	STEEL PIPE SHALL CONFORM TO ASTM A53, TYPES E OR S, GRADE B.	3
4.	ALL HOLLOW STRUCTURAL SECTIONS (HSS) SHALL CONFORM TO ASTM A500, GRADE B.	4
5.	ALL STRUCTURAL STEEL SHALL BE ERECTED PLUMB AND TRUE TO LINE. TEMPORARY BRACING SHALL BE INSTALLED AND SHALL BE LEFT IN PLACE UNTIL OTHER MEANS ARE PROVIDED TO ADEQUATELY BRACE THE	

- DURING ERECTION AND BRACING AS REQUIRED. SEE AISC AND OSHA REQUIREMENTS.
- PLACE NON-SHRINK GROUT UNDER ALL BASE PLATES BEFORE ADDING VERTICAL LOAD.
- STRUCTURAL STEEL BELOW GRADE SHALL HAVE 3 INCHES MINIMUM OF CONCRETE COVER
- BOLTED CONNECTIONS SHALL CONSIST OF UNFINISHED BOLTS CONFORMING TO ASTM A307 UNLESS NOTED 8. OTHERWISE. WHERE HIGH STRENGTH BOLTS ARE INDICATED, BOLTS CONFORMING TO ASTM A325 OR ASTM A490 AS NEEDED SHALL BE PROVIDED.

STRUCTURE. CONTRACTOR RESPONSIBLE FOR REVIEWING ALL BASE PLATE AND SUPPORT CONDITIONS

- HOLES FOR UNFINISHED BOLTS SHALL BE OF THE SAME NOMINAL DIAMETER OF THE BOLT PLUS 1/16". USE 9. STANDARD AISC GAGE AND PITCH FOR BOLTS EXCEPT AS NOTED OTHERWISE.
- 10. WELDING SHALL BE DONE BY THE ELECTRIC ARC PROCESS IN ACCORDANCE WITH AMERICAN WELDING SOCIETY STANDARDS, USING ONLY CERTIFIED WELDERS. ALL GROOVE WELDS SHALL HAVE COMPLETE PENETRATION UNLESS NOTED OTHERWISE. ALL EXPOSED WELDS SHALL BE GROUND SMOOTH. ALL ELECTRODES FOR WELDING SHALL COMPLY WITH AWS CODE, E70 SERIES MINIMUM.
- 11. WELD LENGTHS CALLED FOR ON PLANS ARE THE NET EFFECTIVE LENGTHS REQUIRED.
- 12. MINIMUM FILLET WELDS
  - 3/16" @ T < 1/2" 1/4" @ T < 3/4" 5/16" @ T > 3/4"
- 13. WELDING PROCEDURE SPECIFICATIONS (WPS) FOR SHOP AND FIELD PREQUALIFIED WELD JOINTS AND WELD JOINTS QUALIFIED BY TEST SHALL BE PREPARED FOR REVIEW PRIOR TO FABRICATION. ALL WELDING PROCEDURE ITEMS SUCH AS BASE METALS, WELDING PROCESSES, FILLER METALS AND JOINT DETAILS THAT MEET THE REQUIREMENTS OF AWS D1.1 SECTION 5.1 SHALL BE CONSIDERED AS PREQUALIFIED. ANY CHANGE OR SUBSTITUTION THAT IS BEYOND THE RANGE OR TOLERANCE OR REQUIREMENTS FOR PREQUALIFICATION SHALL BE QUALIFIED BY TEST PER AWS D1.1 SECTION 5 PART B. QUALIFICATION TESTING IS REQUIRED WHEN THE DEPTH OF A PARTIAL PENETRATION OR COMPLETE PENETRATION WELD IS 2" OR GREATER.
- 14. ALL EXPOSED STEEL SHALL RECEIVE MINIMUM ONE COAT OF PRIMER AND PAINT OR SHALL BE HOT-DIPPED GALVANIZED. DO NOT PAINT AREAS TO BE EMBEDDED INTO CONCRETE, CONTACT AREAS OF HIGH STRENGTH BOLTED CONNECTIONS AND SURFACE TO RECEIVE FIELD WELD OR SPRAY APPLIED FIREPROOFING. TOUCH-UP FIELD WELDS AND OTHER EXPOSED SURFACES AFTER ERECTION.

# FOUNDATIONS

- 1. FOUNDATION SOIL STRATA IS UNDISTURBED, NON-ORGANIC NATIVE SOIL CLASS 1 THRU 5, AS PER CBC CHAPTER 18 ESPECIALLY SECTIONS 1806 AND 1807, AND TABLE NO. 1806.2. FOUNDATIONS SHALL BEAR ON FIRM FOUNDATION SOIL STRATA AS APPROVED BY THE BUILDING OFFICIAL. EXPANSIVE, ORGANIC, LOOSE OR SOFT SOILS, MUD, OR NON-ENGINEERED FILL SHALL NOT BE UTILIZED FOR SUPPORT OF FOOTINGS OR SLABS ON GRADE. IT IS THE OWNER'S RESPONSIBILITY TO CONTRACT WITH A GEOTECHNICAL ENGINEER TO INSURE COMPLIANCE WITH THESE REQUIREMENTS.
- 2. ALL FOOTINGS SHALL BE REINFORCED CONCRETE.
- 3. THE ELEVATIONS OF BOTTOMS OF FOUNDATIONS AS SHOWN ON THESE DRAWINGS INDICATE THE ESTIMATED MINIMUM FOUNDATION DEPTHS.
- 4. FOUNDATIONS ARE DESIGNED FOR A MAXIMUM DEAD PLUS LIVE LOAD ALLOWABLE SOIL BEARING PRESSURE OF 1500 PSF.
- 5. BOTTOMS OF FOOTINGS SHALL EXTEND A MINIMUM OF 1'- 0" BELOW LOWEST ADJACENT GRADE.
- 6. THE BOTTOM OF ALL FOOTINGS SHALL BE LEVEL.
- 7. CENTER FOOTINGS UNDER WALLS OR COLUMNS UNLESS OTHERWISE INDICATED ON THESE DRAWINGS.
- 8. PROVIDE BASE MATERIALS BELOW CONCRETE FLOOR SLABS ON GRADE.
- 9. PROVIDE SPECIAL INSPECTIONS REQUIRED BY CBC SECTION 1705 FOR
- SOILS. SEE CBC SECTION 1705.6 (SOILS).

# MINIMUM NAILING SCHEDULE

(HEAVIER NAILING SHOWN OR NOTED ON DRAWINGS SHALL GOVERN)

<u>CONNECTION</u> <u>C</u>	OMMON WIRE NAILS
JOISTS OR RAFTERS TO SIDES OF STUDS:	
EIGHT (8) INCH JOISTS OR LESS	— 3-16d
FOR EACH ADDITIONAL FOUR (4) INCHES IN DEPTH OF JOIS	Г— 1-16d
JOISTS OR RAFTERS AT ALL BEARINGS: TOE NAILS, EACH SIDE CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	— 2-10d
CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	— 3-16d
CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	— 3-16d
BLOCKING BETWEEN JOISTS OR RAFTERS:	
TO JOIST OR RAFTER-TOE NAILS, EACH SIDE, EACH END	— 2-10d
TO JOIST OR RAFTER BEARINGS-TOF NAILS FACH SIDE	— 2-10d
BLOCKING BETWEEN STUDS, EACH END SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL DOUBLED STUDS, FACE NAIL BUILT UP CORNER STUDS	— 2-10d TN
SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL	— 16d AT 16" OC
DOUBLED STUDS, FACE NAIL	— 16d AT 12" OC
BUILT UP CORNER STUDS	— 16d AT 12" OC
RIBBONS TO STUDS <sup>.</sup>	
TWO (2) INCH RIBBONS AND SMALLER CONTINUOUS HEADER TO STUD, TOE NAIL	— 2-16d
CONTINUOUS HEADER TO STUD, TOE NAIL	— 4-8d
1" BRACE TO EACH STUD AND PLATE, FACE NAIL	— 2-8d
1"x8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL	— 2-8d
WIDER THAN 1"x8" SHEATHING TO EACH BEARING, FACE NAIL	
(SEE SECTION 2304.9.1 FOR NAILING DIAGONAL SHEATHING	)
1"x6" SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	— 2-8d
WIDER THAN 1"x6" SUBFLOOR TO EACH JOIST, FACE NAIL	— 3-8d
(SEE SECTION 2304.9.1 FOR NAILING DIAGONAL SHEATHING	
2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL-	
(SEE SECTION 2304.9.1 FOR NAILING DIAGONAL SHEATHING	)
BUILT-UP GIRDER AND BEAMS	— 20d AT 24" OC AT
	TOP AND BOTTOM
	AND STAGGERED
	2-20d AT ENDS AND
	AT EACH SPLICE
ALL WOOD CONTACTS NOT OTHERWISE SHOWN OR NOTED	
	MEMBERS OR LESS
	OR TN @ 3x AND
	THICKER MEMBERS.

# **DRILLED-IN ANCHORS**

- STRUCTURAL ENGINEER FOR REPAIRS.
- REPORT.
- UNLESS NOTED OTHERWISE ANCHORS HAVE BEEN DESIGNED FOR SPECIAL INSPECTION. PROVIDE SPECIAL INSPECTION AS INDICATED IN THE ICC REPORT.
- WHEN INSTALLING DRILLED-IN ANCHORS IN EXISTING CONCRETE OR MASONRY, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING EXISTING REINFORCING BARS. DO NOT INSTALL 5. ANCHORS IN PRESTRESSED CONCRETE ELEMENTS OR IN AREAS WITH RADIANT TUBING EMBEDDED IN CONCRETE.
- THE INSPECTION OF THE ANCHORS SHALL BE DONE BY A QUALIFIED INSPECTION AGENCY AND A REPORT OF THE INSPECTION RESULTS SHALL BE SUBMITTED TO THE GOVERNING AGENCY AND ARCHITECT/STRUCTURAL ENGINEER.

REINFORCEMENT LAP SPLICE SCHEDULE (ALL LENGTHS SHOWN ARE IN INCHES)ACI 318-08 2012 IBC 2013 CBC										
f'c = 3000 PSI CONC										
	DENIE		REINFORCEMENT SIZE							
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
В	TOP	20	38	47	56	82	94	106	119	132
ם	OTHER	16	29	37	43	63	72	81	91	102

### NOTES:

- STEEL FOR #4 BARS AND LARGER (VALUES FOR #3 BARS BASED ON GRADE 40).
- 2. TOP REINFORCEMENT IS HORIZONTAL REINFORCEMENT LOCATED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE SPLICE.
- 3. WHERE CLEAR SPACING OF BARS BEING SPLICED IS LESS THAN 2 BAR DIA. OR WHERE CLEAR COVER OF BARS BEING SPLICED IS LESS THAN 1 BAR DIA., MULTIPLY LAP LENGTHS BY 1.50, UNO.

# MASONRY

- 1. HOLLOW CONCRETE MASONRY UNITS SHALL BE MEDIUM WEIGHT (105 TO 125 PCF) LOAD BEARING 8x8x16 NOMINAL SIZE TYPE I IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2013 CBC AND ASTM STANDARD C 90. SAMPLE AND TEST PER ASTM C140.
- 2. MASONRY COMPRESSIVE STRENGTH SHALL BE f' m = 1500 PSI, MINIMUM.
- 3. MORTAR SHALL BE TYPE M OR TYPE S PER ASTM C270 AND CBC SECTION 2103. AGGREGATE SHALL BE PER ASTM C144. PROVIDE COMPRESSIVE STRENGTH TESTS PER ASTM C780. UTILIZE PORTLAND CEMENT PER ASTM C150 AND LIME PER ASTM STANDARDS C5 AND C207 ONLY FOR CEMENTITIOUS MATERIALS FOR MORTAR.
- 4. GROUT SHALL BE PER ASTM C476 AND CBC SECTION 2103. GROUT SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS. AGGREGATE SHALL BE PER ASTM C404. CONSOLIDATE ALL GROUT BY MECHANICAL VIBRATION. PROVIDE TESTS PER ASTM C1019. UTILIZE PORTLAND CEMENT PER ASTM C150 ONLY FOR CEMENTITIOUS MATERIALS FOR GROUT. GROUT SHALL HAVE A MAXIMUM WATER TO CEMENT RATIO OF 0.50 BY WEIGHT. PROVIDE WATER REDUCING ADMIXTURE PER ASTM C494 AS REQUIRED. SLUMP SHALL BE 8" MIN AND 11" MAX. UTILIZE SHRINKAGE COMPENSATING ADMIXTURE, SIKA GROUT AID TYPE II OR EQUIVALENT, AT MFR'S MAX RECOMMENDED DOSAGE IN ALL GROUT.
- USE OPEN END UNITS WHERE VERTICAL REINFORCEMENT OCCURS. USE BOND BEAM OR LINTEL UNITS WHERE HORIZONTAL REINFORCEMENT OCCURS.
- 6. ALL CELLS SHALL BE GROUTED SOLID.
- 7. UNITS SHALL BE LAID IN RUNNING (COMMON) BOND.
- 8. SPLICE VERTICAL REINFORCEMENT NEAR FLOOR LINES OR AS SHOWN ON THE DRAWINGS, ONLY. CENTER SINGLE LAYER VERTICAL REINFORCEMENT IN WALLS UNLESS NOTED OTHERWISE. DOWEL ALL VERTICAL REINFORCEMENT TO SUPPORTING MEMBERS WITH SAME SIZE REINFORCEMENT, TYP.
- MASONRY REINFORCEMENT SHALL COMPLY WITH CONCRETE REINFORCEMENT REQUIREMENTS, UNLESS NOTED OTHERWISE.
- 10. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 21 OF THE 2013 CBC, ACI 530-BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES AND ACI 530.1 -SPECIFICATIONS FOR MASONRY STRUCTURES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THESE DOCUMENTS AND BECOME FAMILIAR WITH THE MATERIALS AND METHODS **PROVISIONS CONTAINED THEREIN.**
- 11. PROVIDE SPECIAL INSPECTION & TESTS FOR ALL MASONRY CONSTRUCTION IN ACCORDANCE WITH CBC CHAPTER 17, ESPECIALLY SECTION 1705.4. PROVIDE QUALITY CONTROL PER CBC SECTION 2105. INSURE COMPLIANCE WITH SPECIFIED COMPRESSIVE STRENGTH IN ACCORDANCE WITH CBC SECTION 2105.2.
- 12. ALL BOLTS SHALL BE GROUTED IN PLACE WITH AT LEAST 1 INCH OF GROUT BETWEEN THE BOLT AND THE MASONRY. BOLTS SHALL BE HEADED AND PER ASTM A307 GRADE A WITH SUPPLEMENTARY REQUIREMENT S1.
- 13. MASONRY VENEER SHALL COMPLY WITH REQUIREMENTS OF CBC CHAPTER 14. SEE ARCHITECTURAL DRWG.'s & SPECIFICATIONS FOR ADDITIONAL INFO.

EPOXY ANCHORS SHALL BE HILTI RE500-SD PER ESR-2322 OR SIMPSON SET-XP PER ESR-2508 FOR THREADED ROD & REBAR. EXPANSION ANCHORS SHALL BE HILTI KB-TZ PER ESR-1917 OR SIMPSON STRONG-BOLT PER ESR-1771. TYPE, SIZE & EMBEDMENT SHALL BE INDICATED IN DRAWINGS. POST-INSTALLED ANCHORS FOR REPAIR SHALL BE EVALUATED ON A CASE BY CASE BASIS. NOTIFY

ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS GIVEN IN THE ICC

SCHEDULE APPLIES TO NORMAL WEIGHT CONCRETE WITH UNCOATED, GRADE 60 REINFORCING

# WOOD

STRUCTURAL FRAMING SHALL BE DOUGLAS FIR - LARCH GRADED IN ACCORDANCE WITH PS20 AMERICAN SOFTWOOD LUMBER STANDARD, AND WITH THE WESTERN LUMBER GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION OR STANDARD GRADING RULES NO. 17 OF THE WEST COAST LUMBER INSPECTION BUREAU. LATEST REVISIONS. WOOD MEMBERS SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19% AT TIME OF INSTALLATION. DOUGLAS FIR SOUTH IS NOT ALLOWED. EACH PIECE SHALL BE GRADE MARKED AND NO PIECE MAY FALL BELOW THE GRADES INDICATED. GRADES SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS.

ALL FRAMING EXCEPT AS NOTED -----NO. 1 6x AND THICKER MEMBERS -----SELECT STRUCTURAL

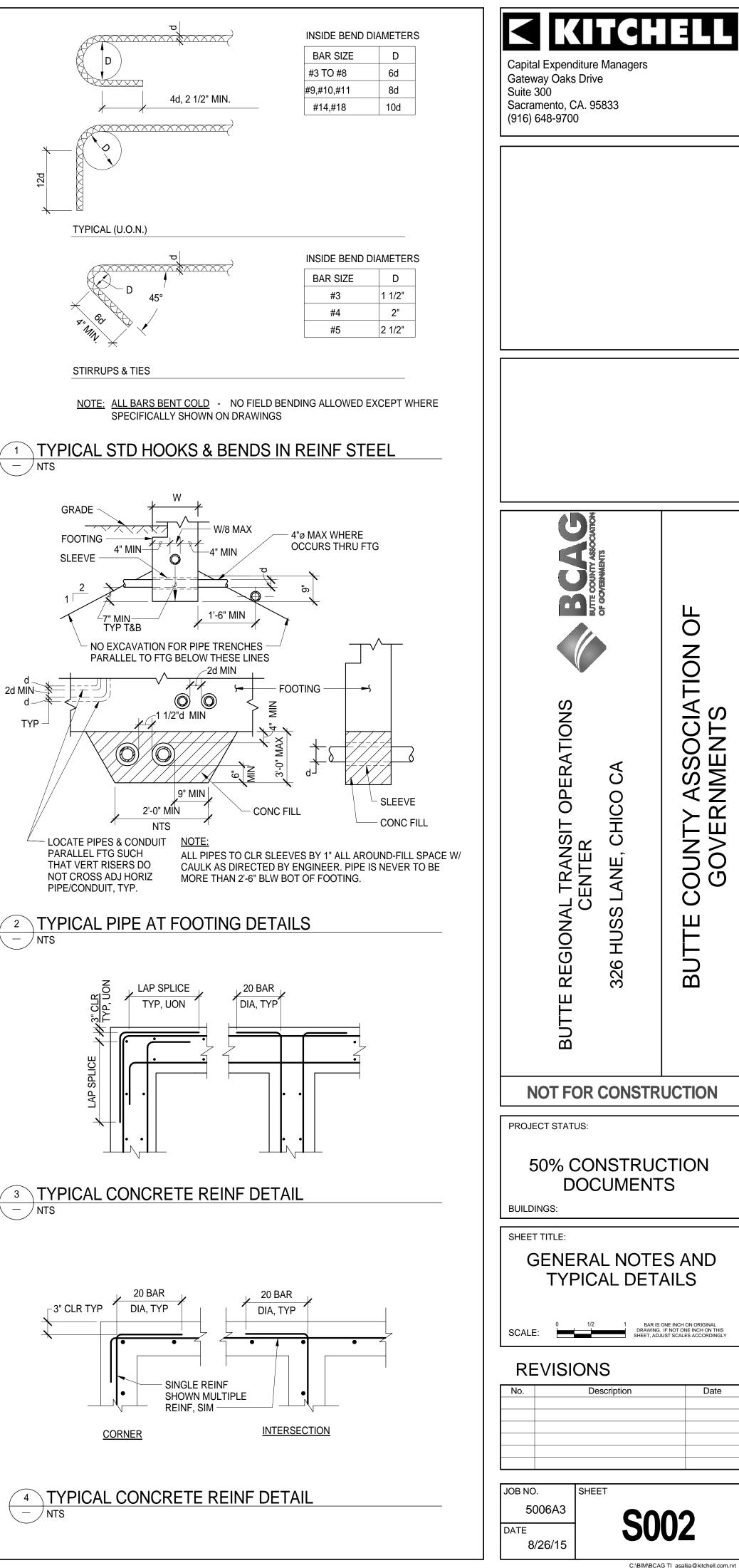
# (FREE OF HEART CENTER)

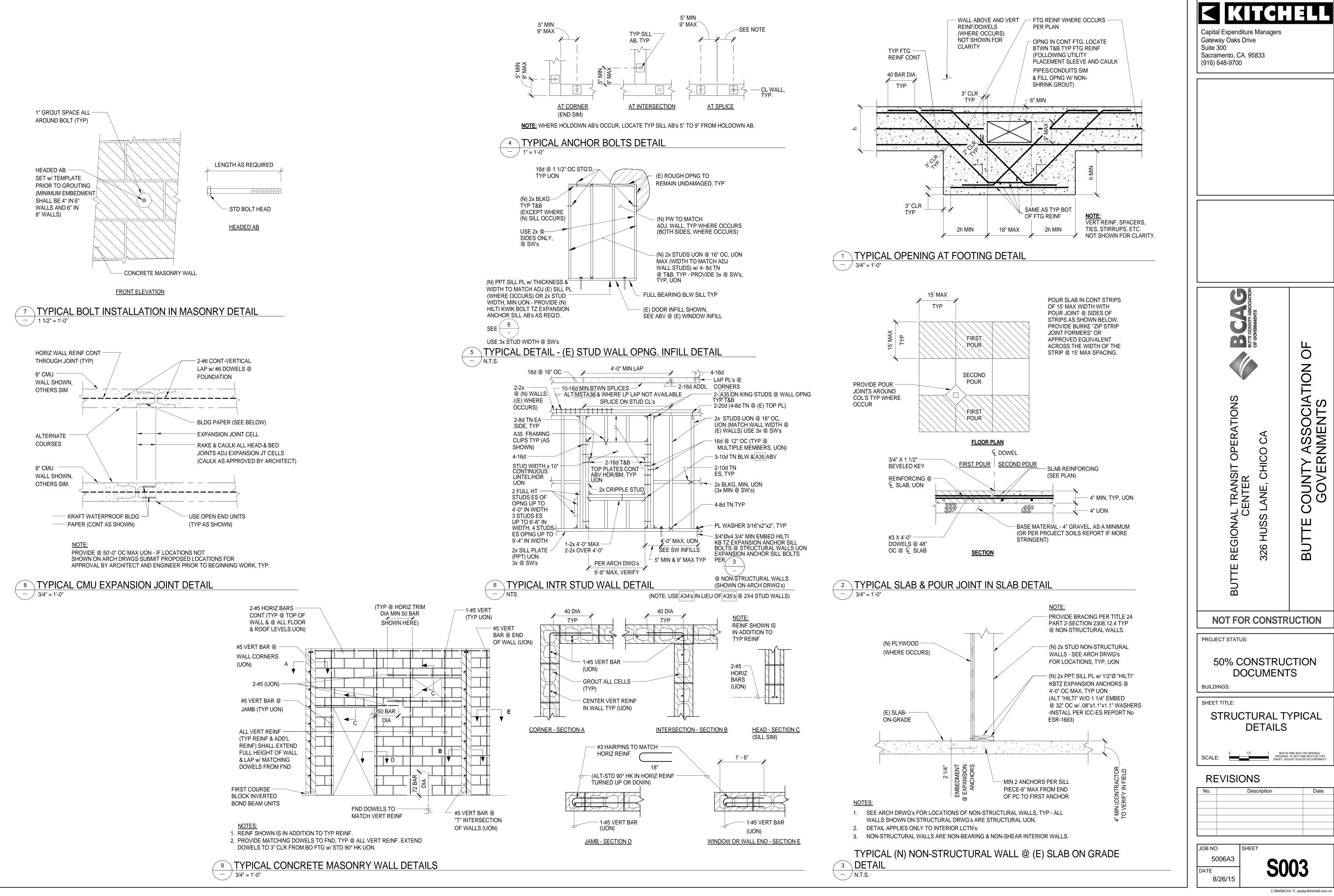
- 2. ALL PLYWOOD SHOWN ON THESE DRAWINGS SHALL BE STRUCTURAL I, C-D WITH EXTERIOR GLUE IN ACCORDANCE WITH U.S. PRODUCT STANDARD PS 1-95 AND UBC STANDARD 23-2. ALL PANELS SHALL BE MARKED WITH AN APA GRADE MARK WITH A PANEL SPAN RATING IN ACCORDANCE WITH CBC TABLE ETC. USE 4'x8' PANELS, MINIMUM, EXCEPT AT BOUNDARIES AND FRAMING CHANGES WHERE THE MINIMUM PANEL DIMENSION SHALL BE 24" AT ROOFS OR FLOORS UNLESS PANEL IS SUPPORTED AT ALL FOUR SIDES BY FRAMING OR BLOCKING. MINIMUM PANEL DIMENSION AT WALLS SHALL BE 12".
- PLYWOOD FLOOR SHEATHING SHALL BE GLUED TO FLOOR JOISTS, TRUSSES AND/OR BEAMS, IN ADDITION TO THE NAILING INDICATED ON THESE DRAWINGS, IN ACCORDANCE WITH AMERICAN PLYWOOD ASSOCIATION (APA) SPECIFICATION AFG-01.
- SILL PLATES (AND OTHER MEMBERS NOTED AS PPT) SHALL BE PRESSURE PRESERVATIVE TREATED DOUGLAS FIR. PRESSURE PRESERVATIVE TREATED MEMBERS SHALL BE PER THE REQUIREMENTS OF AWPA AND AWPB (PROCEDURE LP-2 UNLESS OTHERWISE NOTED). PPT MEMBERS SHALL BE PRESERVATIVE TREATED AT ALL CUTS, NOTCHES, AND HOLES IN ACCORDANCE WITH AWPA M4, AS APPROVED. ALL CUTS IN SILL PLATES GREATER THAN ONE THIRD THE PLATE WIDTH SHALL HAVE ADDITIONAL SILL BOLTS PROVIDED AS REQUIRED AT SILL BREAKS.
- BOLTS FOR TIMBER CONNECTIONS SHALL BE FULL DIAMETER BODY AND PER THE REQUIREMENTS OF ASTM A307, GRADE A AND ANSI/ASME STANDARD B18.2.1, UNLESS OTHERWISE NOTED. BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2013 CALIFORNIA BUILDING CODE (CBC), CHAPTER 23, AND ANSI/AF&PA NDS-2012, 2012 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION OF THE AMERICAN FOREST AND PAPER ASSOCIATION (NDS), AND SHALL HAVE A MINIMUM BENDING YIELD STRENGTH OF 45,000 PSI. BOLT HOLES SHALL BE 1/16 INCH LARGER THAN BOLT DIAMETER. RE-TIGHTEN BOLTS BEFORE CLOSING IN WORK.
- LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1, THE REQUIREMENTS OF THE 2013 CALIFORNIA BUILDING CODE, CHAPTER 23, AND THE NDS. HOLES FOR LAG SCREW SHANKS SHALL BE BORED THE SAME DEPTH AND DIAMETER AS THE SHANK. THE REMAINING DEPTH OF PENETRATION OF THE SCREW SHALL BE BORED TO 70% OF THE SHANK DIAMETER. PROVIDE FULL DIAMETER BODY, STEEL LAG SCREWS WITH MINIMUM BENDING YIELD STRENGTHS PER THE
- PROVIDE MALLEABLE IRON WASHERS OR STANDARD CUT PLATE WASHERS UNDER NUTS AND BOLT OR LAG SCREW HEADS WHICH BEAR ON WOOD, UON. PROVIDE 1/4"x3"x3" WASHERS AT SILL PLATE ANCHOR BOLTS.
- WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1, THE REQUIREMENTS OF THE 2013 CALIFORNIA BUILDING CODE, CHAPTER 23, AND THE NDS. WOOD SCREWS SHALL BE STEEL, WITH MINIMUM BENDING YIELD STRENGTHS PER THE NDS AND CUT THREADS. LEAD HOLES FOR SCREWS SHALL BE 7/8 OF THE SHANK DIAMETER AT THE SHANK (UNTHREADED PORTION) AND 7/8 OF THE THREAD ROOT DIAMETER FOR THE THREADED PORTION OF THE SCREW.
- WOOD MEMBERS SHALL BE CUT OR NOTCHED ONLY AS SHOWN ON STRUCTURAL DRAWINGS.
- 10. WHEN REQUIRED NAILING TENDS TO SPLIT WOOD MEMBERS, NAIL HOLES SHALL BE PRE-BORED TO 3/4 OF THE NAIL DIAMETER.
- 11. STRUCTURAL NAILING SHALL BE WITH FULL HEAD COMMON STEEL WIRE NAILS PER FEDERAL SPECIFICATION FF-N-105B, ALL REQUIREMENTS OF THE 2013 CALIFORNIA BUILDING CODE, CHAPTER 23, AND THE NDS. NAILING NOT SPECIFICALLY INDICATED SHALL COMPLY WITH CBC TABLE 2304.9.1. NAILS, BOLTS, LAG SCREWS, OTHER FASTENERS, CONNECTERS & ALL OTHER STEEL ITEMS EXPOSED TO WEATHER. HUMID CONDITIONS. OR IN PRESSURE PRESERVATIVE TREATED MEMBERS SHALL BE HOT DIP GALVANIZED TO G185 MIN, OR TYPE 304 OR 316 STAINLESS STEEL. PROVIDE ELECTROGALVANIZED ELSEWHERE. PROVIDE NAILS WITH MINIMUM BENDING YIELD STRENGTHS PER TABLES 11N, 11P, & 11R OF THE NDS.
- 12. NAILING OF BLOCKING FOR FLOOR AND ROOF FRAMING MEMBERS SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE ON THE DRAWINGS: BLOCKING TO FLOOR OR ROOF FRAMING - 4-10d TOENAILS EACH END. (2 EACH SIDE)
  - PLYWOOD ABOVE TO BLOCKING PLYWOOD EDGE NAILS AND SPACING.
  - BLOCKING TO FLOOR OR ROOF SUPPORT 16d TOENAILS AT PLYWOOD EDGE NAIL SPACING OR 4-16d MINIMUM. (1/2 EACH
- SIDE BLOCKING)
- 13. PROVIDE CROSS BRIDGING, SOLID BRIDGING OR OTHER LATERAL SUPPORT FOR ALL FRAMING MEMBERS IN ACCORDANCE WITH THE REQUIREMENTS OF NDS AND CBC SECTION 2308.8.5.
- 14. INFORMATION IN BOX (SEE S001, STRUCTURAL SYMBOLS) INDICATES MODEL NUMBER OF CONNECTOR HARDWARE BY THE SIMPSON COMPANY, SAN LEANDRO, CALIFORNIA. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS FOR MAXIMUM RATED LOADS, UON.
- 15. EXCEPT WHERE MORE STRINGENT CONSTRUCTION IS SHOWN ON THE DRAWINGS, WOOD CONSTRUCTION SHALL COMPLY WITH CBC SECTION 2308, CONVENTIONAL LIGHT FRAME CONSTRUCTION PROVISIONS, AS A MINIMUM.
- PRESSURE PRESERVATIVE TREATMENT SHALL BE PER THE CBC AND AWPA STANDARDS UON. 16 ALL CUTS, HOLES AND NOTCHES SHALL BE FIELD TREATED PER AWPA M4. ALL TREATED MEMBERS SHALL BE IDENTIFIED WITH CERTIFICATION STAMP OF AN APPROVED INDEPENDENT AGENCY ACCREDITED BY THE AMERICAN LUMBER STANDARDS COMMITTEE PER CBC SECTION 2303.1.8.
- FRAMING MEMBERS OR PLYWOOD SHEATHING SHALL BE DAPPED OR NOTCHED TO 17 ACCOMMODATE TOP FLANGES OF JOIST OR BEAM HANGERS, SHEET METAL STRAPS, AND OTHER CONNECTION HARDWARE INDICATED ON THESE DRAWINGS. DAPS, CUTS, OR NOTCHES SHALL BE MADE IN A NEAT MANNER AND SHALL BE THE MINIMUM SIZE AND DEPTH NECESSARY TO ALLOW MEMBERS TO FIT TIGHT, SHEATHING TO BE FLAT AND BEAR ON SUPPORT MEMBERS, AND AVOID UNSIGHTLY OR OTHERWISE UNACCEPTABLE UNDULATIONS IN ROOFING, FLOORING OR FINISHES.

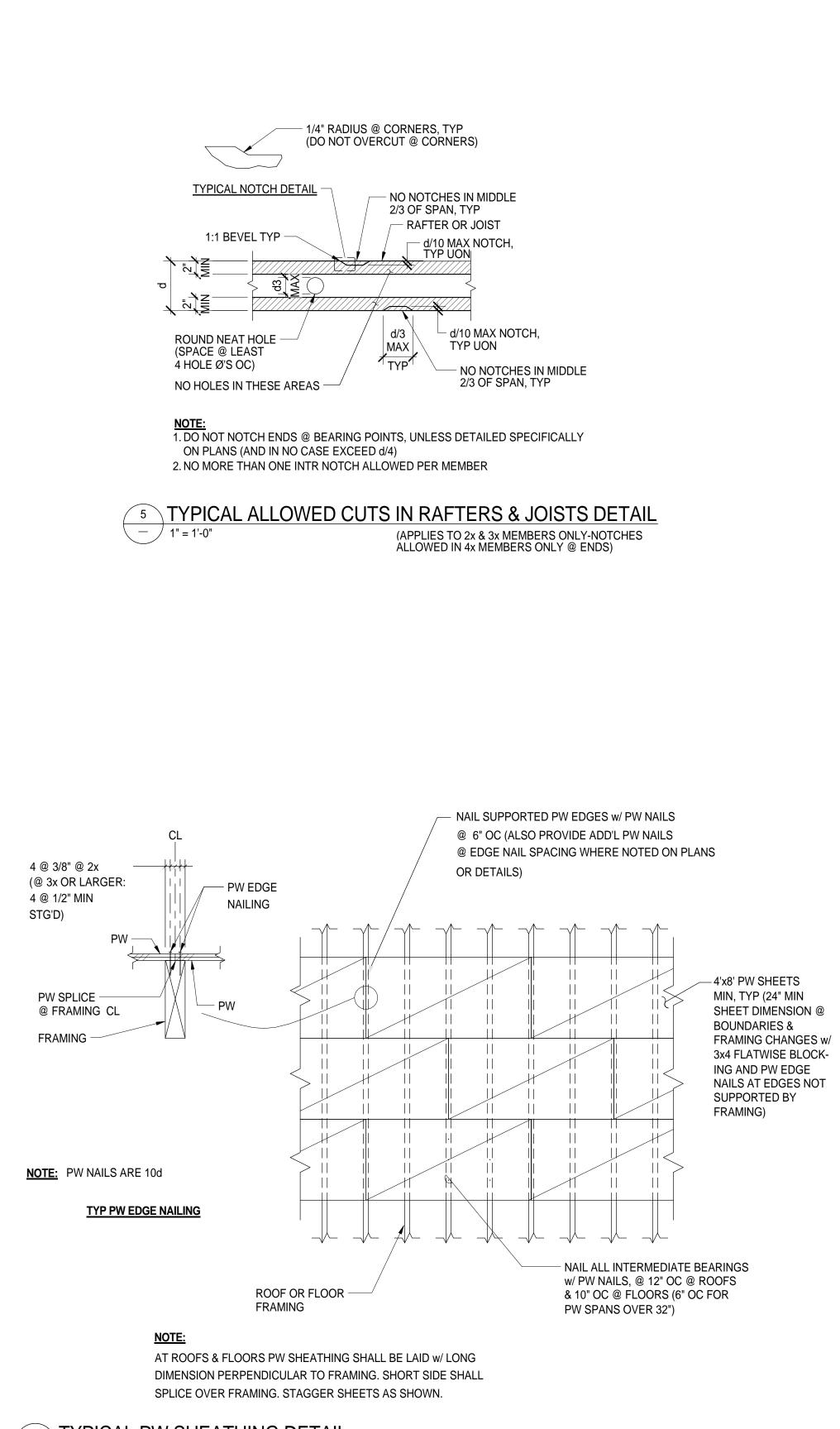
SIZE (PENNY)	DIAMETER (INCHES)	MIN. PENETRATION (INCHES)				
8d	0.131	1.57"				
10d	0.148	1.78"				
16d	0.162	1.94"				
20d	0.192	2.30"				
PENETRATION IS MEASURED INTO THE DIECE RECEIVING THE						

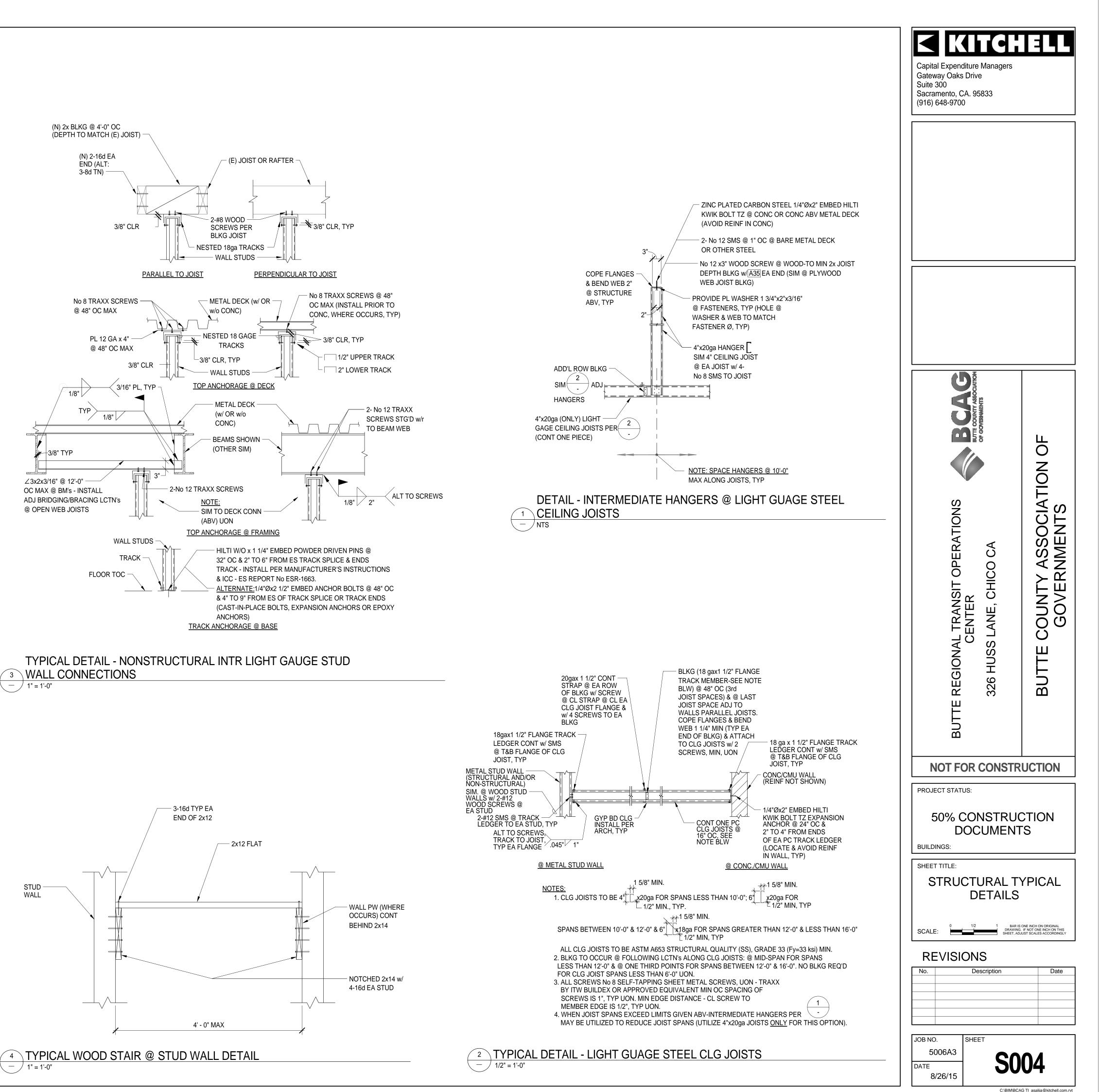
PENETRATION IS MEASURED INTO THE PIECE RECEIVING THE NAIL POINT. 1 1/2 INCHES OF PENETRATION FOR 10d AND 16d NAILS IS ACCEPTABLE FOR TOP PLATES AND DOUBLED 2x MEMBERS. WHERE THE NAIL PENETRATION WILL BE LESS THAN SPECIFIED, INCREASE NAIL LENGTH TO OBTAIN THE PENETRATION REQUIRED FOR THE NAIL SPECIFIED.

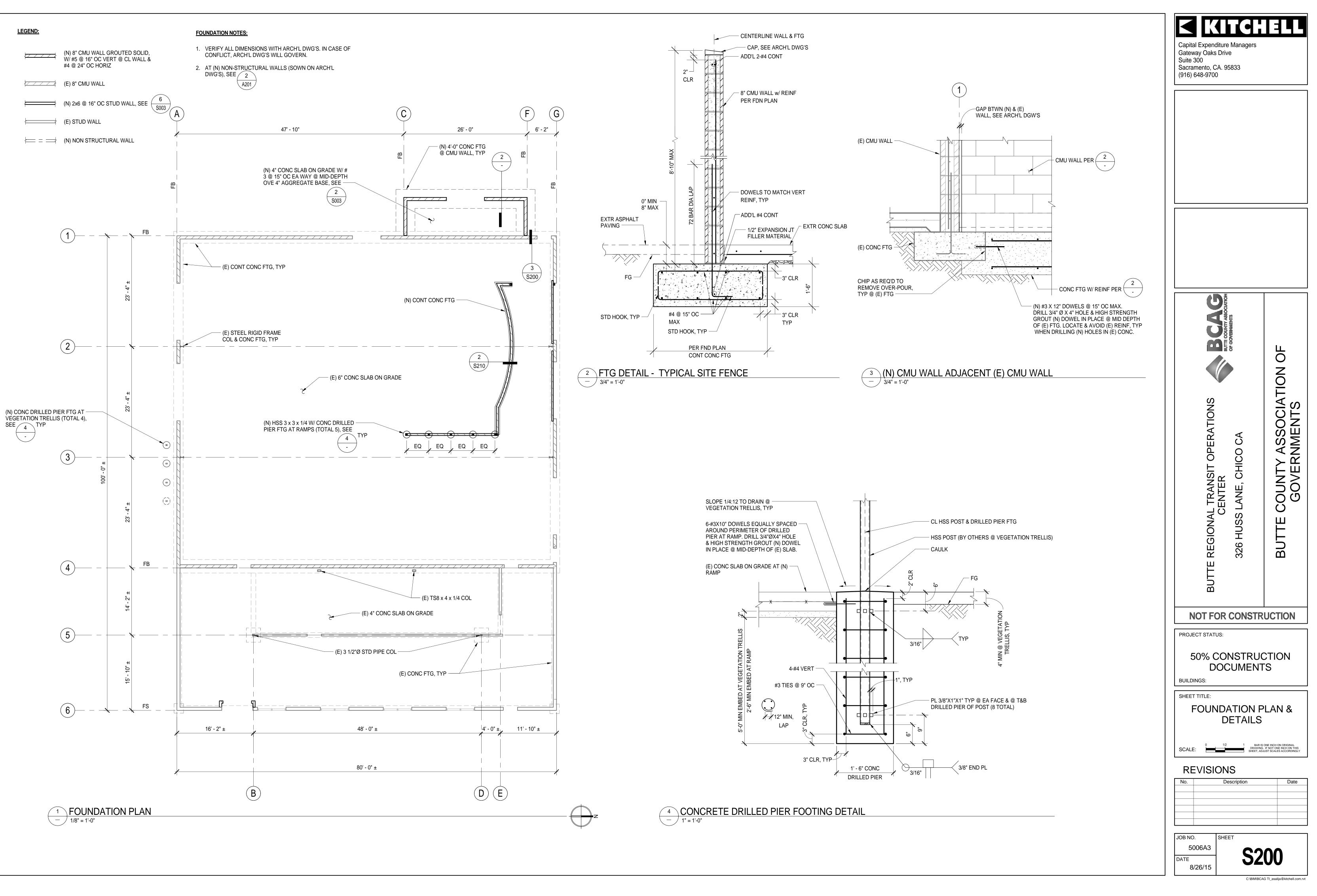
5 TYPICAL NAIL PENETRATION TABLE  $\overline{\phantom{a}}$  / common wire nails



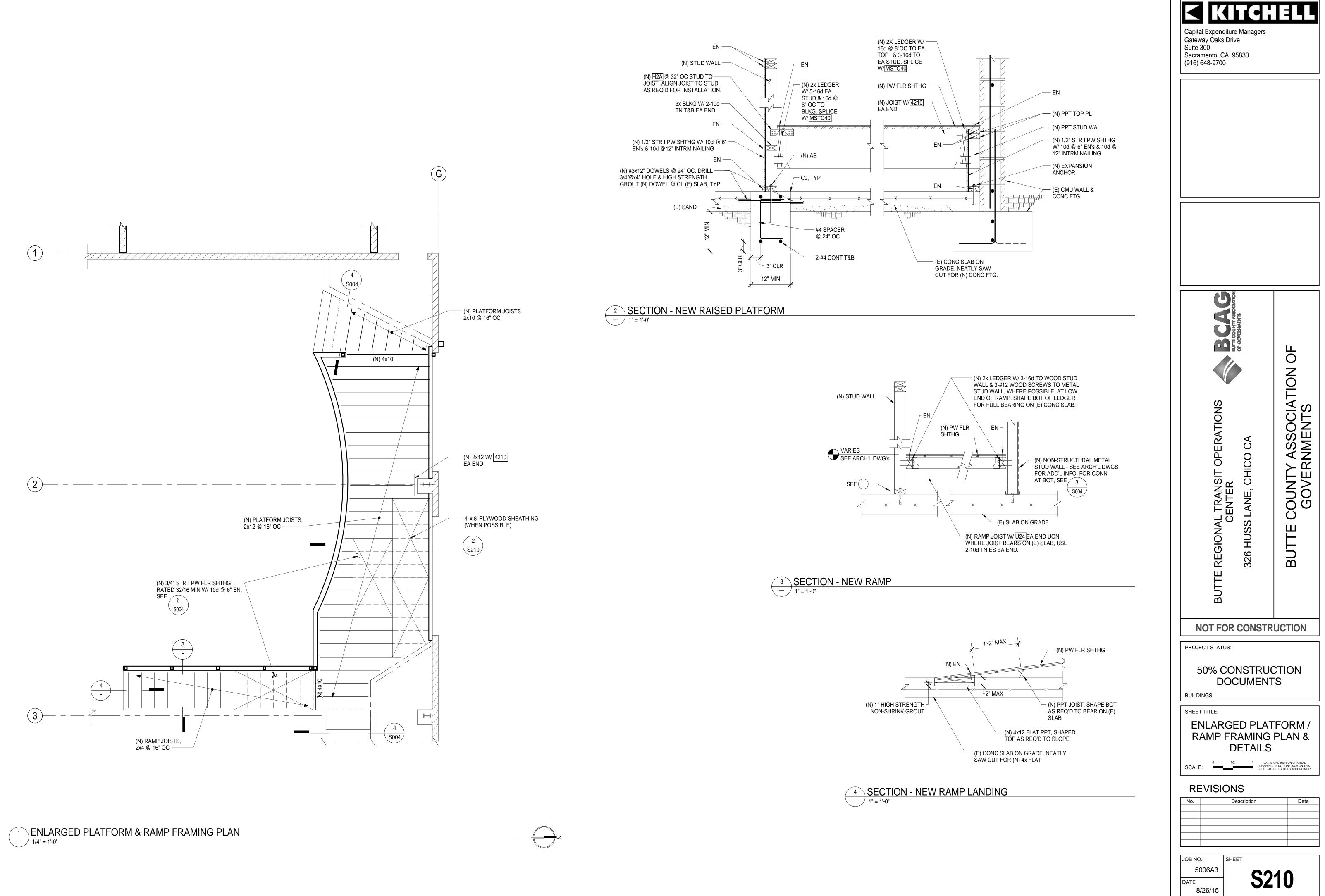


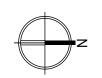




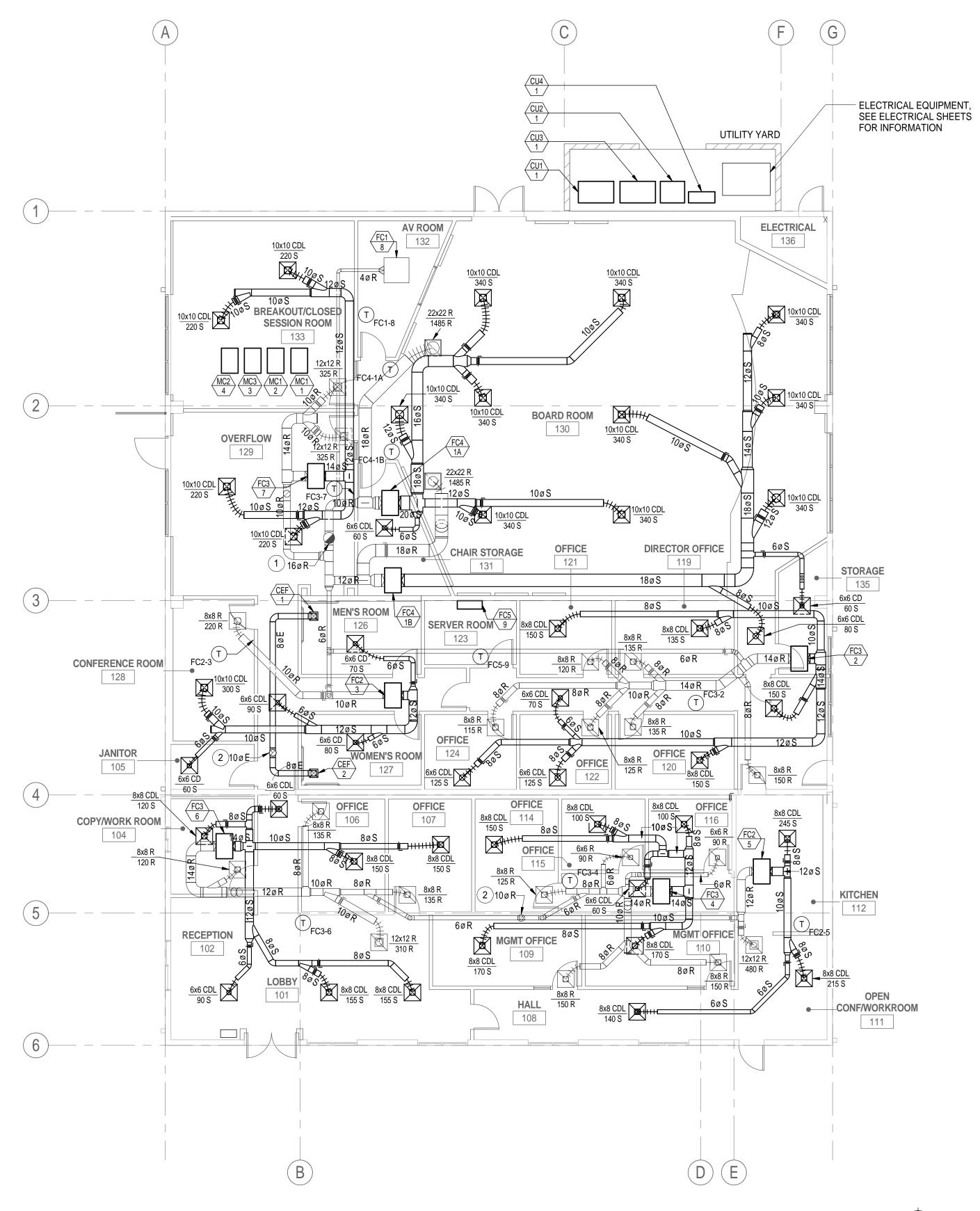


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MECHANICAL ABBREVIATIONS						HYDRONIC SYMBOLS		MECHANICAL SYMBOLS					KITCHELL	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	DESCRIPTION	SYMBOL	DESCRIPTION	Capital Expenditure Managers Gateway Oaks Drive	
AB ABC	ANCHOR BLOCK ABOVE CEILING	HHWR HHWS	HEATING HOT WATER RETURN HEATING HOT WATER SUPPLY	V (VTR)	VENT (VENT THROUGH ROOF)								Suite 300 Sacramento, CA. 95833	
AC ACC DR	AIR CONDITIONING UNIT ACCESS DOOR	HP HTG	HORSE POWER HEATING	VAV VD	VARIABLE AIR VOLUME CONTROLLER VOLUME DAMPER	HHWS	HEATING HOT WATER SUPPLY	12/8 S	SUPPLY RECTANGULAR DUCT WITH	SUPPLY GRILL	$\frac{6X6 \text{ CDI}}{200 \text{ S}}$	_ DIFF NECK SIZE/DIFF TYPE CFM / SYSTEM	(916) 648-9700	
ACC P ACU	ACCESS PANEL AIR CONDITIONING UNIT	HV HW	HAND VALVE HOT WATER	VLV VSD	VALVE VARIABLE SPEED DRIVE	HHWR	HEATING HOT WATER RETURN	12/8 R		RETURN GRILL				
AFF	ABOVE FINISHED FLOOR	HWR	HOT WATER RETURN	VSD VVRH	VARIABLE SPEED DRIVE VARIABLE AIR VOLUME CONTROLLER WITH REHEAT COIL	CD	CONDENSATE DRAIN	12/8 E	WIDTH/HEIGHT (SYSTEM)					
AHU APD	AIR HANDLING UNIT AIR PRESSURE DROP, INCHES WATER COLUMN	HWS HX	HOT WATER SUPPLY HEAT EXCHANGER		R) WALL MOUNTED (RECESSED)	CW	COLD WATER			EXHAUST GRILL	$\square$			
APPROX	APPROXIMATE	HXP-#	HEAT EXCHANGER PUMP NUMBER	WB	WET BULB WIRE MESH SCREEN			12/8 R	DUCT WITH INTERNAL ACOUSTICAL INSULATION	SIDE WALL	12x8 S	WIDTHxHEIGHT (SYSTEM)		
ARCH ATTEN	ARCHITECTURAL ATTENUATORS	IE IN 2	INVERT ELEVATION SQUARE INCHES	WMS WOG	WATER OIL GAS		INDIRECT DRAIN	12/8 R	DUCT ENCLOSURE IN GYPSUM BOARD FOR 2 HOUR RATIN	SUPPLY GRILL				
ATV ABV	ACOUSTIC TURNING VANE ABOVE	IN, (") IU	INCH INDOOR UNIT FAN COIL	WP WPD	WORKING PRESSURE WATER PRESSURE DROP (IN FEET OF WATER	RS	REFRIGERANT SUCTION PIPING	<del>⊱12ø R}</del>	ROUND DUCT WITH DIAMETER SHOWN IN INCHES	SIDE WALL RETURN GRILL				
BD	BALANCE DAMPER	KEF	KITCHEN EXHAUST FAN	WT	COLUMN) WEIGHT	RL RL	REFRIGERANT LIQUID PIPING					EQUIPMENT TYPE		
BDD BFV	BACK DRAFT DAMPER BUTTERFLY VALVE	KW	KILOWATTS	Z	ZONE DAMPER		PIPE RISER	stittitis.	FLEXIBLE DUCT	EQUIPMENT TAG (PLANS)	FC3 4	EQUIPMENT NUMBER		
BHP BLDG	BRAKE HORSE POWER BUILDING	LBS LD	POUNDS LOUVERED DOOR						R/W=1.5 ROUND DUCT SIMILAR TO RECTANGULAR (R/D=1.5)	EQUIPMENT TAG (SCHEDULES &	FC3-4	EQUIPMENT TYPE - NUMBER		
BOD/P BP	BOTTOM OF DUCT/PIPE BID PACKAGE	LDB LOD	LEAVING DRY BULB LIMIT OF DEMOLITION				PIPE DROP	W ↓↓ ⊂ R	ACOUSTIC VANE ANGLE DUCT TURN	DIAGRAMS)				
BTUH	BRITISH THERMAL UNITS PER HOUR	LRA LTCP	LOCKED ROTOR AMPS LOCAL TEMPERATURE CONTROL PANE	EL			PIPE CAP	·(r <sub>ep</sub>	ACCOUNTINGVANE ANGLEDOCT TORNTURNING20 - 24°12" DEFLECTIONVANES30 - 39°30" DEFLECTION	FAN SWITCH	\$	MOUNTED 48" ABOVE		
CAP CBC	CAPACITY CALIFORNIA BUILDING CODE	LVR LWB	LOUVER LEAVING WET BULB				3 WAY VALVE		40 - 39° AIR TURN			FINISHED FLOOR		
CBV CD	CALIBRATED BALANCE VALVE CONDENSATE DRAIN	MAU	MAKE-UP AIR UNIT				BALANCING VALVE OR COCK		DUCT TRANSITION	THERMOSTAT	T <sub>xx</sub> /	DENOTES EQUIPMENT CONTROLLED		
CEF CFH	CEILING EXHAUST FAN CUBIC FEET OF GAS PER HOUR	MAV MAX	MARE-OF AIR ONIT MANUAL AIR VENT MAXIMUM						RECTANGULAR TO ROUND DUCT TRANSITION	TEMPERATURE	S <sub>XX</sub> /			
CFM,f CH	CUBIC FEET OF AIR FLOW PER MINUTE CHILLER	MAX MBH MCC	MAXIMUM THOUSAND BTUS PER HOUR MOTOR CONTROL CENTER				BUTTERFLY VALVE		VOLUME DAMPER	SENSOR	$\sim_{\rm XX}$	CONTROLLED		
CHV CHWP	CHECK VALVE CHILLED WATER PUMP	MD	MOTORIZED				BALL VALVE			CO2 SENSOR	© <sub>xx</sub> /			
CHWS/R	CHILLED WATER SUPPLY/RETURN	MECH MFR	MECHANICAL MANUFACTURER				GATE / GLOBE / CHECK VALVE	M	MOTORIZED DAMPER					
CLG CLR	CEILING CLEAR	MIN	MINIMUM				CONCENTRIC REDUCER / TRANSITION		FIRE DAMPER	DUCT MOUNTED SMOKE DETECTOR				Ц
CMC CONC	CALIFORNIA MECHANICAL CODE CONCRETE	Ν	NEW				ECCENTRIC REDUCER	É L						
COND CONN	CONDENSER CONNECT/CONNECTION	OA OAD	OUTSIDE AIR OUTSIDE AIR DAMPER				ECCENTRIC REDUCER	FS	FIRE & SMOKE DAMPER	POINT OF CONNECTION	$\mathbf{\bullet}$			Ó
CONT CONTR	CONTINUATION CONTRACTOR	OC OD	ON CENTER OUTSIDE DIAMETER				FLEXIBLE PIPE	RECTANGULAR DU	CT SECTIONS	CONNECTION				
CT CU	COOLING TOWER CONDENSING UNIT	OH OU	OVERHEAD OUTSIDE UNIT CONDENSOR				RELIEF VALVE		SUPPLY	POINT OF			SNC	CIA TS
CVRH	CONSTANT AIR VOLUME CONTROLLER WITH REHEAT COIL	OV	OUTLET VELOCITY				SOLENOID VALVE		RETURN	DISCONNECT				ΙOZ
CWP CWR	CONDENSER WATER PUMP CONDENSER WATER RETURN	PD PRV	PRESSURE DROP PRESSURE REGULATING VALVE PRESS						EXHAUST			VIEW NUMBER /	CA CA	ME
CWS	CONDENSER WATER SUPPLY	PRV PSI (G) (A)	REDUCING VALVE/ POUNDS PER SQUARE INCH (GAUGE)	JURE			STRAINER	ROUND DUCT SEC		MATCH LINE	1 / M101A 1 / M101B	SHEET NUMBER	OPI	SN SN
DGP DIA, ø	DATA GATHERING PANEL DIAMETER	1 01 (0) (A)	(ABSOLUTE)			-0	PRESSURE GAUGE	$\otimes$	SUPPLY RETURN			SHADED PORTION IS SIDE CONSIDERED	SIT 0	一下街
DL DN	DOOR LOUVER DOWN	RA RAD	RETURN AIR RETURN AIR DAMPER			=	TEMPERATURE GAUGE	$\otimes$	EXHAUST				E ANS E C	
DPR DTR	DAMPER DOWN THROUGH ROOF	REF	ROOF EXHAUST FAN RETURN FAN					e	FLUE	VIEW		VIEW NUMBER	AN AN	Ū Õ
DWG °E	DRAWING DEGREES FAHRENHEIT	RPM	REVOLUTIONS PER MINUTE RELIEF VENTILATOR				EXPANSION JOINT			REFERENCE	XXXX		CI SS L	
	EXISTING	S&R	SUPPLY AND RETURN				FLANGE				<u> </u>			ΙË
EA EAD	EXHAUST AIR EXHAUST AIR DAMPER	SA SAD	SUPPLY AIR SEE ARCHITECTURAL DRAWINGS										EG 26 ł	
EC	EVAPORATIVE COOLER	SB	SECURITY BARS				INLINE PUMP			SECTION		SECTION IDENTIFIER	Ш Ш	<b>D</b>
EDB EER	ENTERING DRY BULB ENERGY EFFICIENCY RATING	SEC	SPLITTER DAMPER SECTION											
EF EL	EXHAUST FAN ELEVATION	SF SFM	SUPPLY FAN STATE FIRE MARSHAL	GENERAL NO	TES:								BL	
ELEC ENT	ELECTRIC/ELECTRICAL ENTERING	SG SM	STEAM GENERATOR SHEET METAL											
EQUIP ESP	EQUIPMENT EXTERNAL STATIC PRESSURE	SOV SP	SHUT OFF VALVE STATIC PRESSURE	1. ALL WORKS SHALL	COMPLY WITH ALL APPLICABLE STATE CODES, SPECIFIC	CATIONS AND INDUSTRY STA	NDARDS.		TOR SHALL SURVEY EXISTING FIELD CONDITIONS PRIOR TO BID ING FIELD CONDITIONS IN DETAIL AND COORDINATE THE WORK			ACTOR SHALL	NOT FOR CONSTR	RUCTION
EVAP EW	EVAPORATOR ENTERING WATER	SPD SQ FT	STATIC PRESSURE DROP SQUARE FEET		T : ALL HUNG PIPING AND DUCTWORK SHALL CONFORM <sup>-</sup> RDING TO SECTION ASCE 7-10 OF THE 2013 CBC:	TO THE FOLLOWING CONDIT	IONS AND, THEREFORE, SEISMIC RESTRAINT MAY	9. ALL MANUAL A	IR DAMPERS AND OTHER DEVICES REQUIRING ACCESS FOR OF			WITH ACCESS	PROJECT STATUS:	
EWB EWC	ENTERING WET BULB ELECTRIC WATER COOLER	SQ IN SSTL	SQUARE INCHES STAINLESS STEEL		AND LARGER AND ALL OTHER PIPING 2- 1/2" AND LARGER H FROM THE TOP OF PIPE TO THE BOTTOM OF THE ATTA		NDIVIDUAL HANGERS 12" OR		EQUATE SIZE FOR SERVICE.				50% CONSTRU	ICTION
EWT EXH	ENTERING WATER TEMPERATURE EXHAUST	STR STRUCT	STRAINER STRUCTURAL		SSEMBLIES SHALL BE USED TO SUPPORT PIPES OF DUCT				WN ON PLAN ARE EXTERIOR SIZES. TO EXISTING BUILDING ARCHITECTURAL, STRUCTURAL, MECHA	NICAL AND ELECTRICAL	SYSTEMS THAT OCCURS I	DURING THE WORK	DOCUMEN	
FC	FLEXIBLE CONNECTION	TCP	TEMPERATURE CONTROL PANEL		ILAR DUCTS SHALL BE LESS THAT 6 SQ. FT. IN CROSS SE		IND DUCTS SHALL BE LESS	SHALL BE RES ACCESS, THE	TORED TO THE ORIGINAL CONDITION AT THE CONTRACTOR'S E ANDSCAPING SHALL BE RETURNED TO ITS ORIGINAL CONDITION	XPENSE. IF LANDSCAPED N. THE CONTRACTOR SH	) AREAS MUST BE USED F( IALL INCLUDE COSTS IN TH	OR BUILDING HE BID FOR THIS	BUILDINGS:	
FCU FCV	FAN COIL UNIT FLOW CONTROL VALVE	TCV TEMP	TEMPERATURE CONTROL VALVE TEMPERATURE		AL RESTRAINTS ARE OMITTED, PIPING AND DUCTS SHALL	BE INSTALLED SUCH THAT I	ATERAL MOTION OF THE		APPROACH IS USED. THE OWNER WILL NOT PAY ANY ADDITION. OR DRIVE AREAS.	AL COSTS TO COVER DAM	AGE TO THE BUILDING SY	YSTEMS,	SHEET TITLE:	
FD FF	FIRE DAMPER FLY FAN	TFH TG	THERMAL FLUID HEATER TRANSFER GRILLE	SUPPORT. IF A	T WILL NOT CAUSE DAMAGING IMPACT WITH OTHER SYS	IS NOT INSTALLED IN CONFO	RMANCE WITH THESE		CATED IN WALLS OR ABOVE CEILING HAVING SHUTOFF VALVES SHALL BE PROVIDED WITH ACCESS DOORS OF ADEQUATE SIZI		QUIRING ACCESS FOR OPE	ERATION OR	MECHANIC	
FIN FLA	FINISH FULL LOAD AMPS	THK TOD	THICK TOP OF DUCT	ACCORDANCE	HE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS (1/4" = WITH "MASON INDUSTRIES" SEISMIC RESTRAINTS GUIDEL JAL) TO THE ARCHITECT FOR APPROVAL.			13. ALL EXISTING	SUPPLY AND RETURN AIR PLENUMS BELOW THE HVAC UNITS SI	HALL BE CLEANED AND IN			ABBREVIATI SYMBOLS, & N	•
FLR FO	FUEL CIL	TP TSP	TOTAL PRESSURE TOTAL STATIC PRESSURE	3. ALL INSULATION A	ND DUCT SEALING PRODUCTS USED IN THE BUILDING SH				XISTING DUCT LINER WITHIN THESE PLENUMS SHALL BE REPLAUGHT TO ARCHITECTS AND THE ENGINEERS ATTENTION IMMEE		AND UNUSUAL CONDITION	IS DISCOVERED	0 1/2 1 BAR	
FO FOR FOS	FUEL OIL RETURN	TSP TX TYP	TOILET EXHAUST		EVELOPED INDEX OF 25/50 MAXIMUM, WHEN TESTED AS C TS AND ADHESIVES.	COMPOSITE INSTALLATION IN	NCLUDING INSULATION, TAPES FACING		IT REMOVED FROM THE SITE BY THE CONTRACTOR SHALL BE D ERANTS CONTAINED WITHIN HVAC UNITS SHALL BE RECLAIMED				SCALE:	ADJUST SCALES ACCORDINGLY
FPM	FUEL OIL SUPPLY FEET PER MINUTE				CE BETWEEN PIPE SLEEVES AND THE PIPE THROUGH AL TIONS SHALL COMPLY WITH UL REQUIREMENTS. MANUF			CODES, REGU	LATIONS AND LAWS.				REVISIONS	
FRC FSD	FIRING RANGE CLASSROOM FIRE AND SMOKE DAMPER	UBC UCD	UNIFORM BUILDING CODE UNDERCUT DOOR	SURFACE PENETR	ATED SHALL BE USED. PENETRATIONS SHALL BE 3M, PR	ROSET, OR APPROVED EQUA			CONTRACTOR SHALL PERFORM AN AIR BALANCE OF THE BUILE RE, ADJUST AND RECORD AIR FLOWS FOR ALL NEW AC UNITS.	NING MECHANICAL SYSTE	INS INCLUDING THE FOLLO	JVVING:	No. Description	Date
FT 2 FT (')	SQUARE FEET FOOT OR FEET	UF UFC	UNDER FLOOR UNIFORM FIRE CODE		AIR DAMPERS AT ALL DUCT BRANCH TAKEOFFS TO A SIN				M A COMPLETE BALANCE OF ALL AREAS AFFECTED BY THE WO	RK. BALANCE TO AIR FLC	WS SHOWN ON MECHANI	CAL PLANS.		
GA	GAUGE	UG UON	UNDER GROUND UNLESS OTHERWISE NOTED		I ARCHITECTURAL REFLECTED CEILING PLAN FOR THE EX			c. RETURN	IN OPPOSITE SEASON (6 Mos. FROM WORK COMPLETION) TO M	AKE ADJUSTMENT AS RE	QUIRED TO COMPLETE BA	ALANCE.		
GALV GI	GALVANIZED GALVANIZED IRON	UTR	UP THROUGH ROOF	EXISTING BUILDING	SYSTEMS.			d. AIR BAL	ANCING SHALL CONFORM TO AABC OR NEBB STANDARDS. SEE	SPECIFICATIONS FOR DE	TAILED AIR BALANCE REQ	UIREMENTS.		
GPH GPM	GALLONS PER HOUR GALLONS PER MINUTE				ON OF ALL EQUIPMENT.			16. <u>HVAC CONT</u> REQUIREME	ROLS: NEW HVAC CONTROLS ARE INCLUDED IN THE SCOPE OF NTS. NEW CONTROLS ARE REQUIRED ON ALL NEW AC UNIT. NE	WORK. SEE SHEET XX AN	D SPECIFICATIONS FOR D SENSORS ARE REQUIRED	ETAILED	JOB NO. SHEET 5006A3	
GPM GX	GENERAL EXHAUST				D ROUTING OF DUCTWORK AND PIPING.								DATE	001
													8/26/15	CAG TI_asalija@kitchell.com.







# **GENERAL NOTES:**

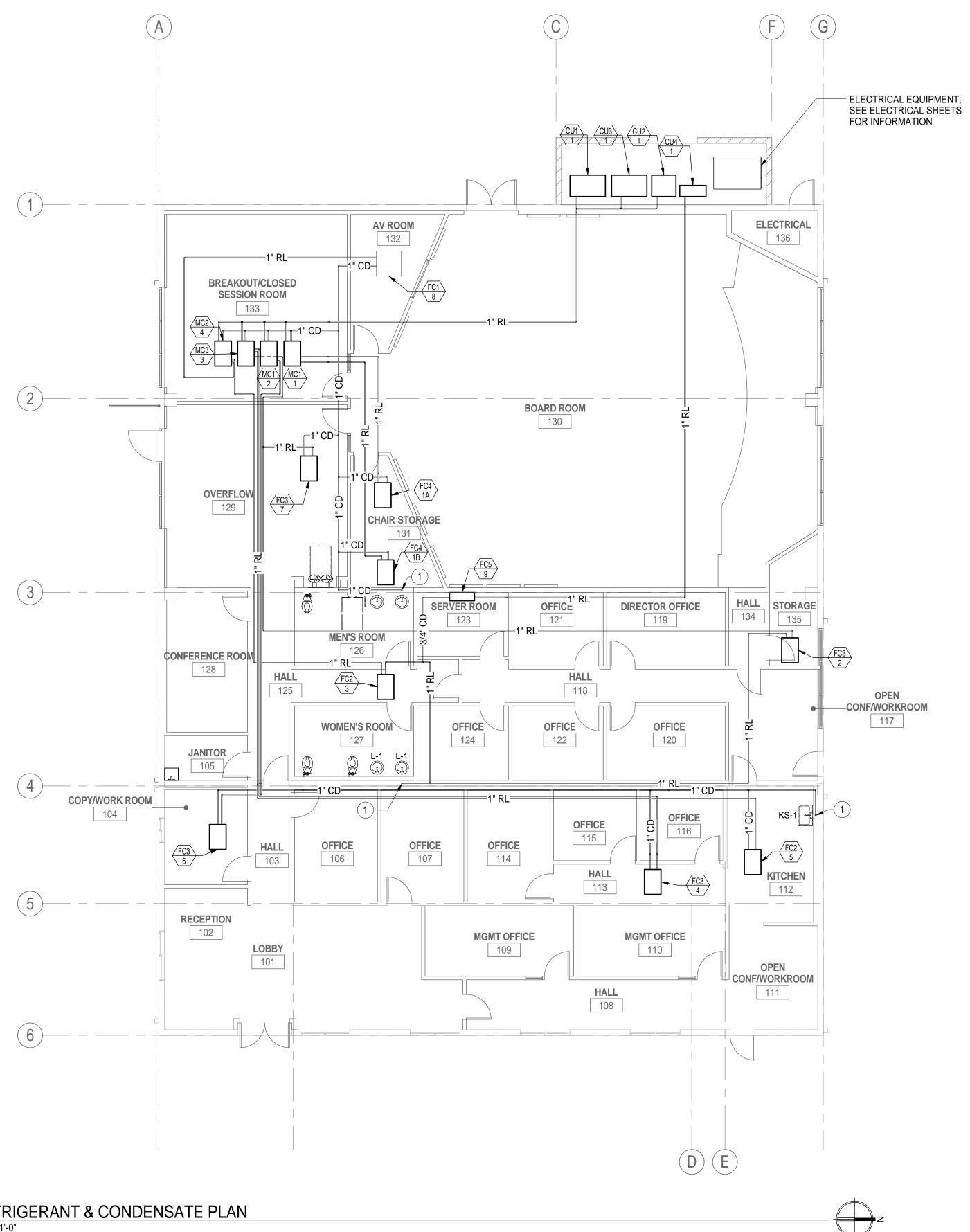
- 1. FOR REFRIGERANT PIPE MOUNTING, SEE X/M701.
- 2. FOR CONDENSATE PIPE MOUNTING, SEE X/M701.

1 16"Ø OUTSIDE AIR DUCT UP TO ROOF WITH ROOF OUTSIDE AIR INTAKE HOOD - SEE 3/M702. 2 10"Ø OUTSIDE AIR DUCT UP TO ROOF WITH ROOF OUTSIDE AIR INTAKE HOOD - SEE 3/M702.

3. PROVIDE SUPPORT FOR CONDENSATE DRAIN PIPING AT MAX 10' ON CENTER.

4. CONNECT CONDENSATE DRAIN TO FC AND MCU WITH UNION AND P-TRAP. SLOPE CONDENSATE DRAIN PIPING AT 1/8" PER FOOT.

Capital Expenditure Managers Gateway Oaks Drive Suite 300 Sacramento, CA. 95833 (916) 648-9700	
REGIONAL TRANSIT OPERATIONS CENTER 326 HUSS LANE, CHICO CA	OUNTY ASSOCIATION OF GOVERNMENTS
BUTTE REGIONAL TRANSIT OPER/ CENTER 326 HUSS LANE, CHICO CA	BUTTE CO G
PROJECT STATUS:	
50% CONSTRUC DOCUMENT BUILDINGS:	
SHEET TITLE: MECHANICAL F	PLAN
DRAWING.	DNE INCH ON ORIGINAL IF NOT ONE INCH ON THIS JST SCALES ACCORDINGLY
REVISIONS	1 -
No. Description	Date
JOB NO. SHEET	
5006A3 DATE 8/26/15	<b>D1</b> GTI_asalija@kitchell.com.rvt



# <u>KEYNOTES</u>

DRAIN, TYPICAL.

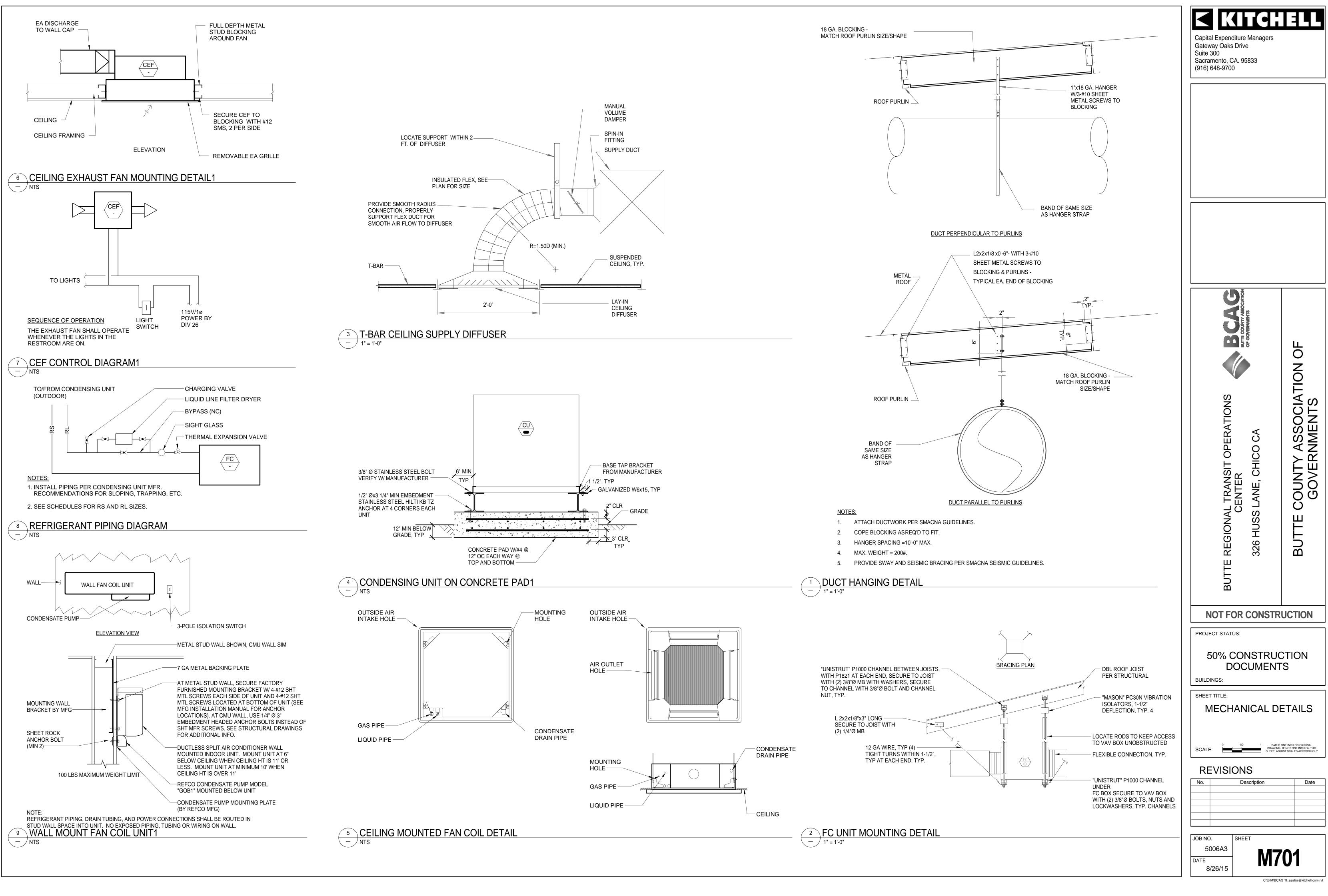
## **GENERAL NOTES:**

- 1. FOR REFRIGERANT PIPE MOUNTING, SEE X/M701.
- 2. FOR CONDENSATE PIPE MOUNTING, SEE X/M701.
- 4. CONNECT CONDENSATE DRAIN TO FC AND MCU WITH UNION AND P-TRAP. SLOPE CONDENSATE DRAIN PIPING AT 1/8" PER FOOT.

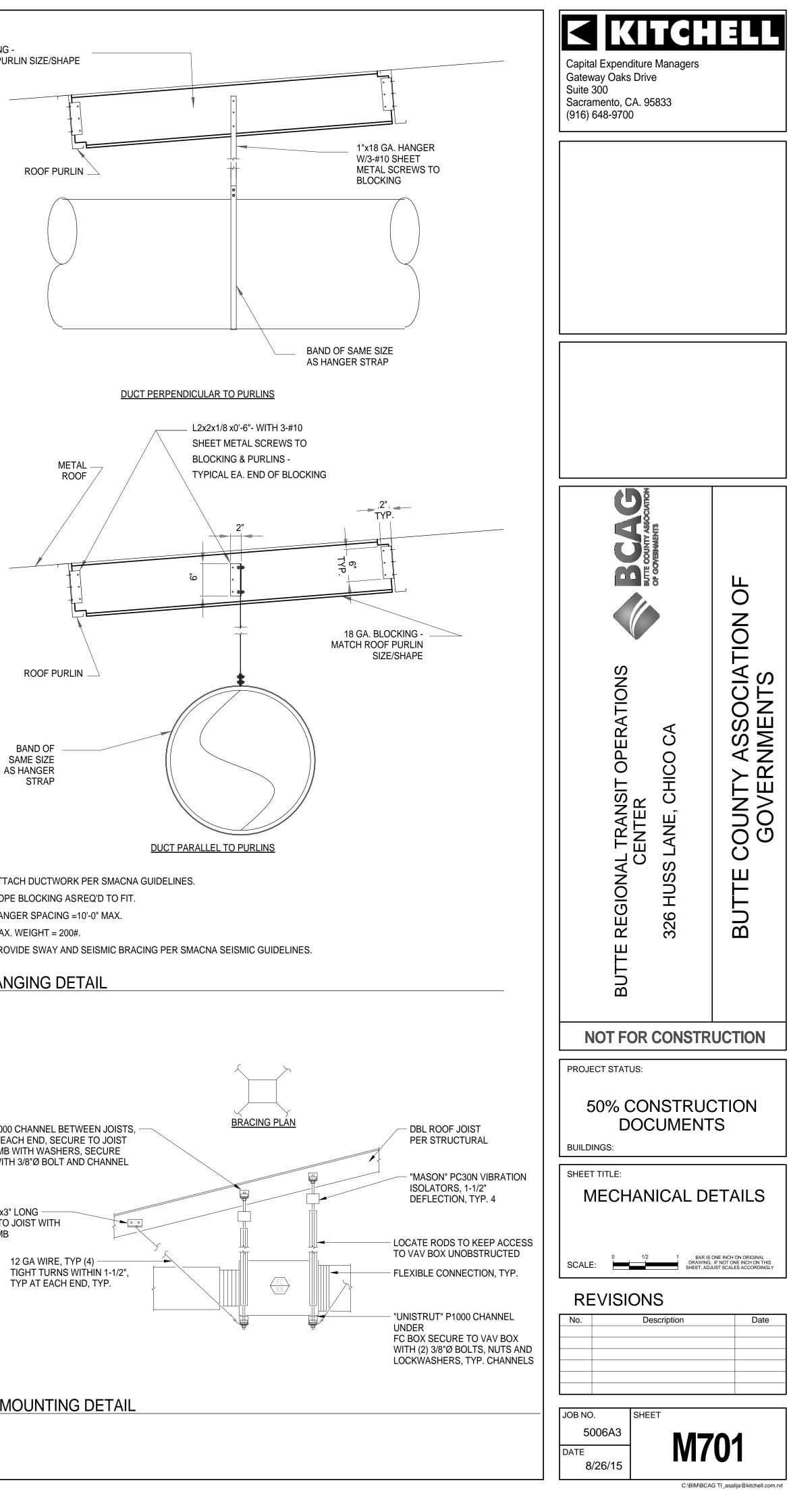
1 CONNECT CONDENSATE DRAIN PIPE TO TAILPIECE OF LAVATORY'S

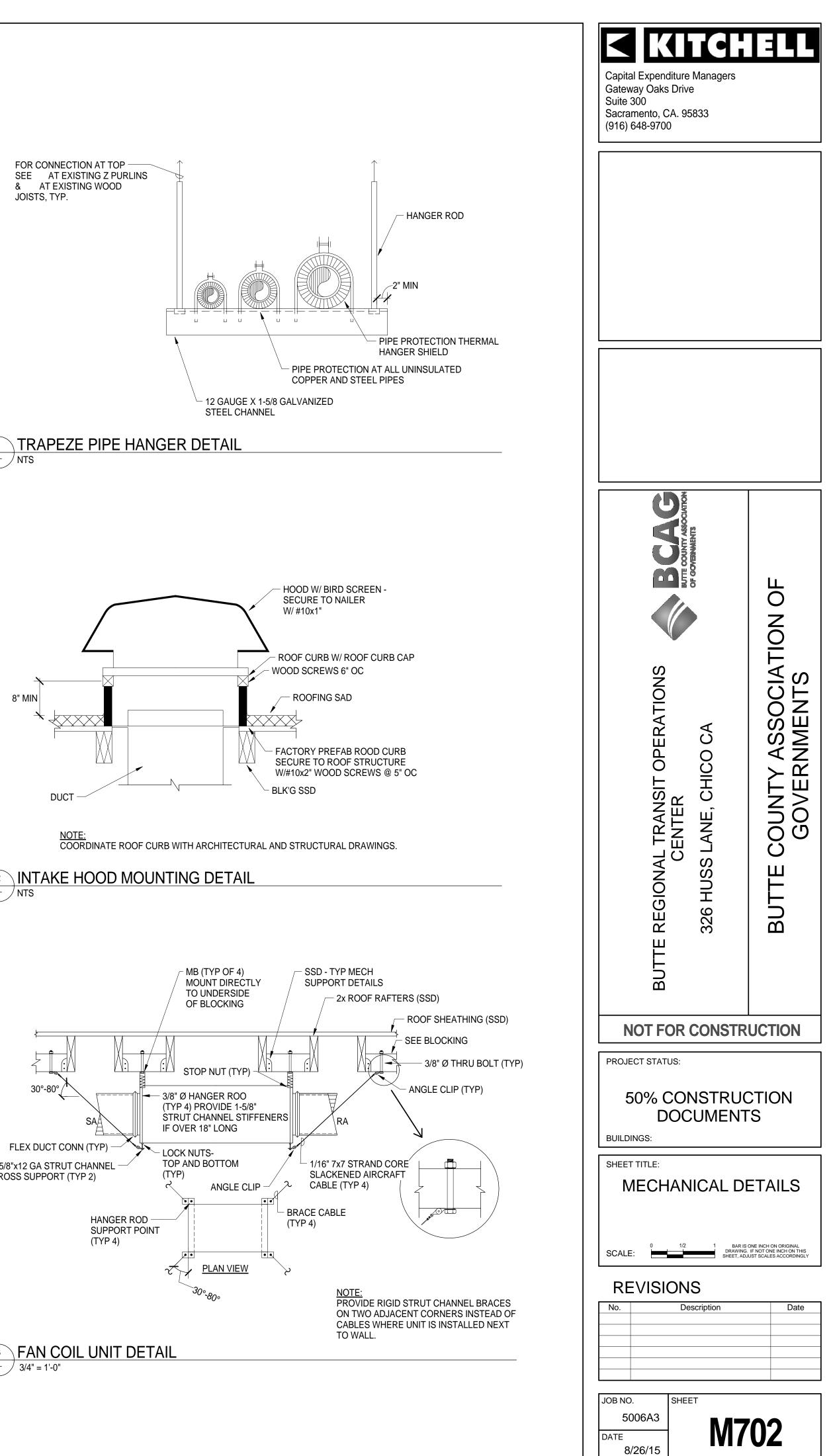
3. PROVIDE SUPPORT FOR CONDENSATE DRAIN PIPING AT MAX 10' ON CENTER.

Capital Expenditure Managers         Gateway Oaks Drive         Suite 300         Sacramento, CA. 95833         (916) 648-9700	
BUTTE REGIONAL TRANSIT OPERATIONS CENTER 326 HUSS LANE, CHICO CA	BUTTE COUNTY ASSOCIATION OF GOVERNMENTS
NOT FOR CONSTRUCT PROJECT STATUS: 50% CONSTRUCT DOCUMENT BUILDINGS: SHEET TITLE:	CTION S
DRAWING.	IT &
JOB NO. 5006A3 DATE 8/26/15	02 G TL_asalija@kitchell.com.rvt



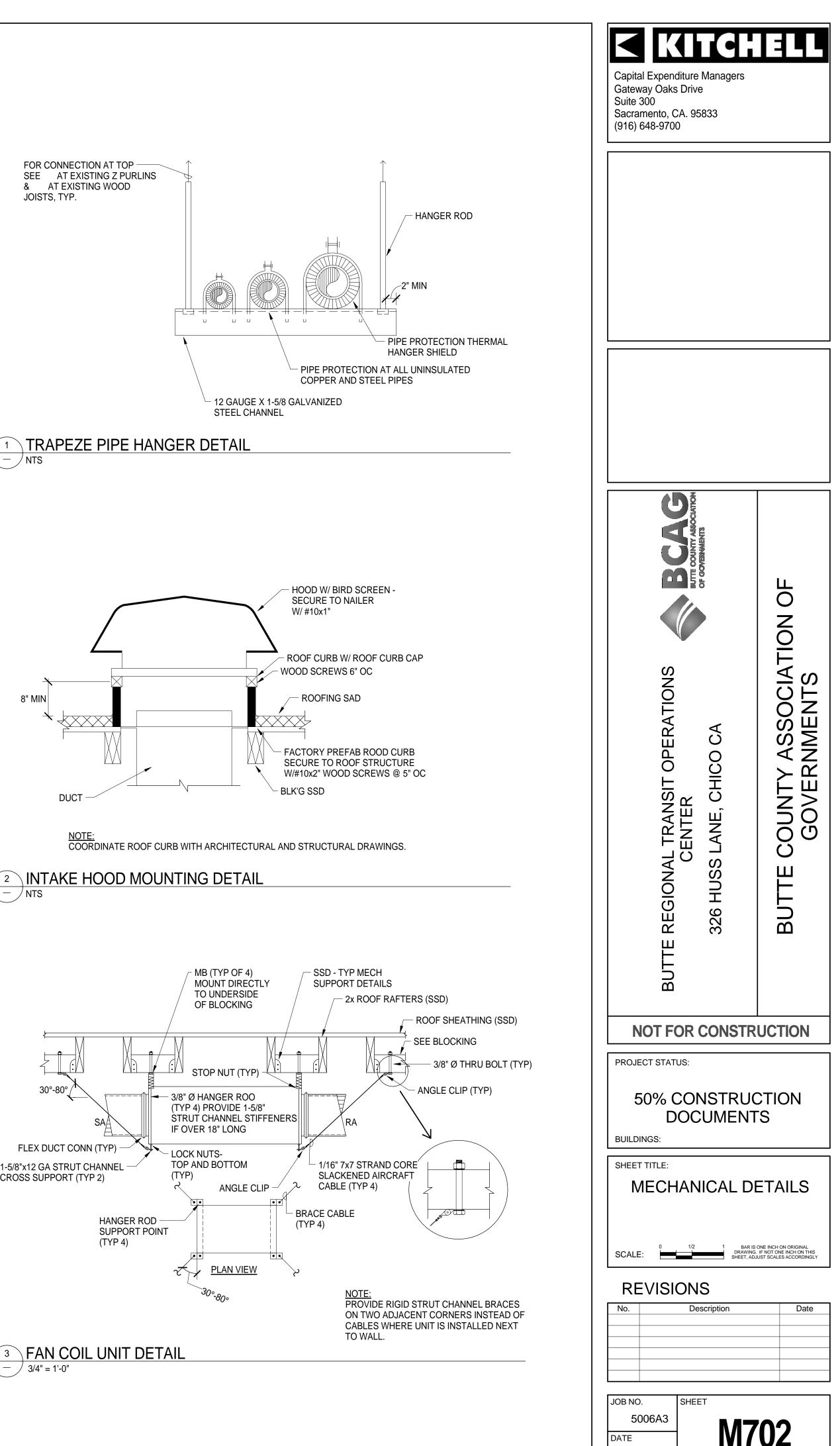


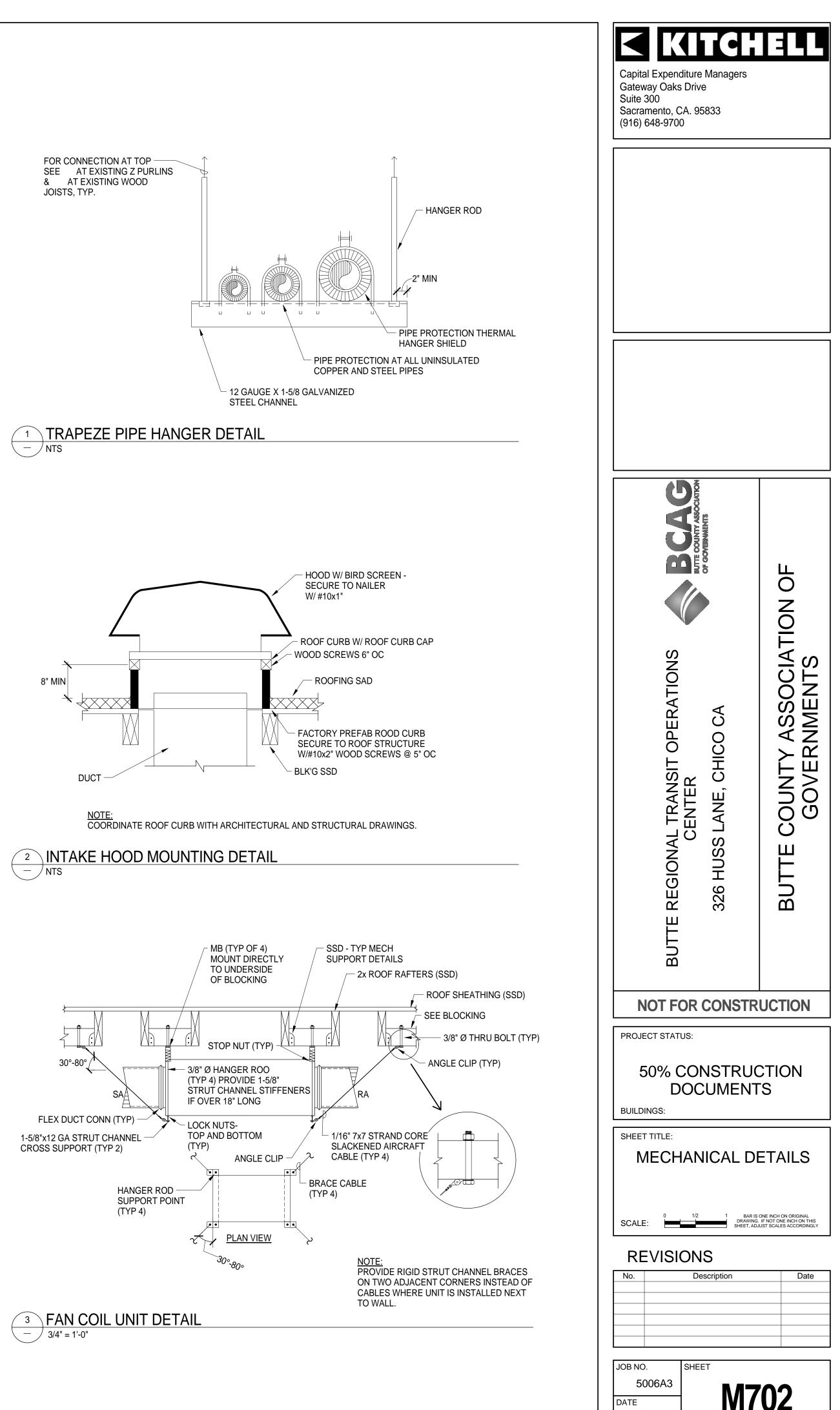


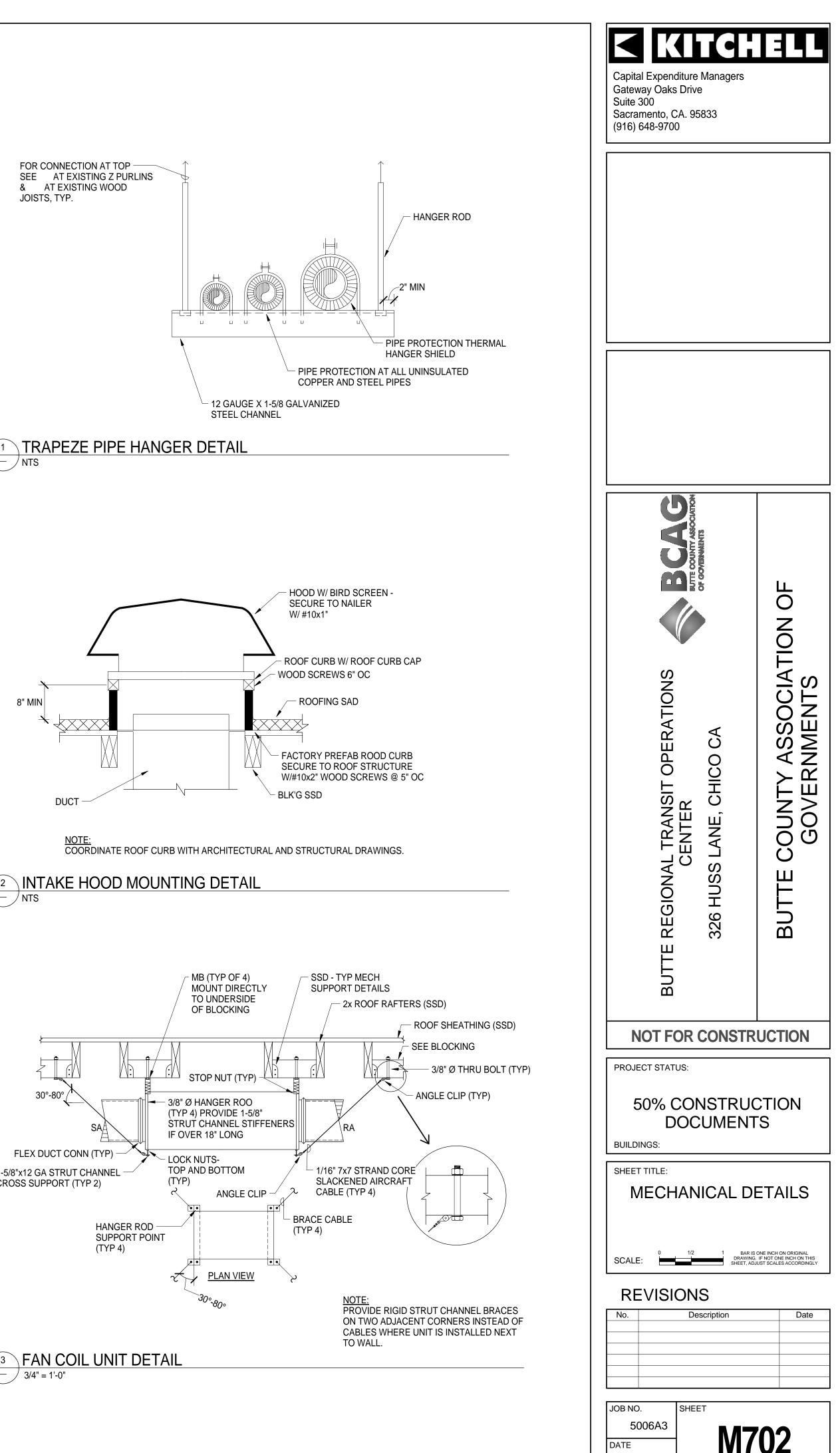


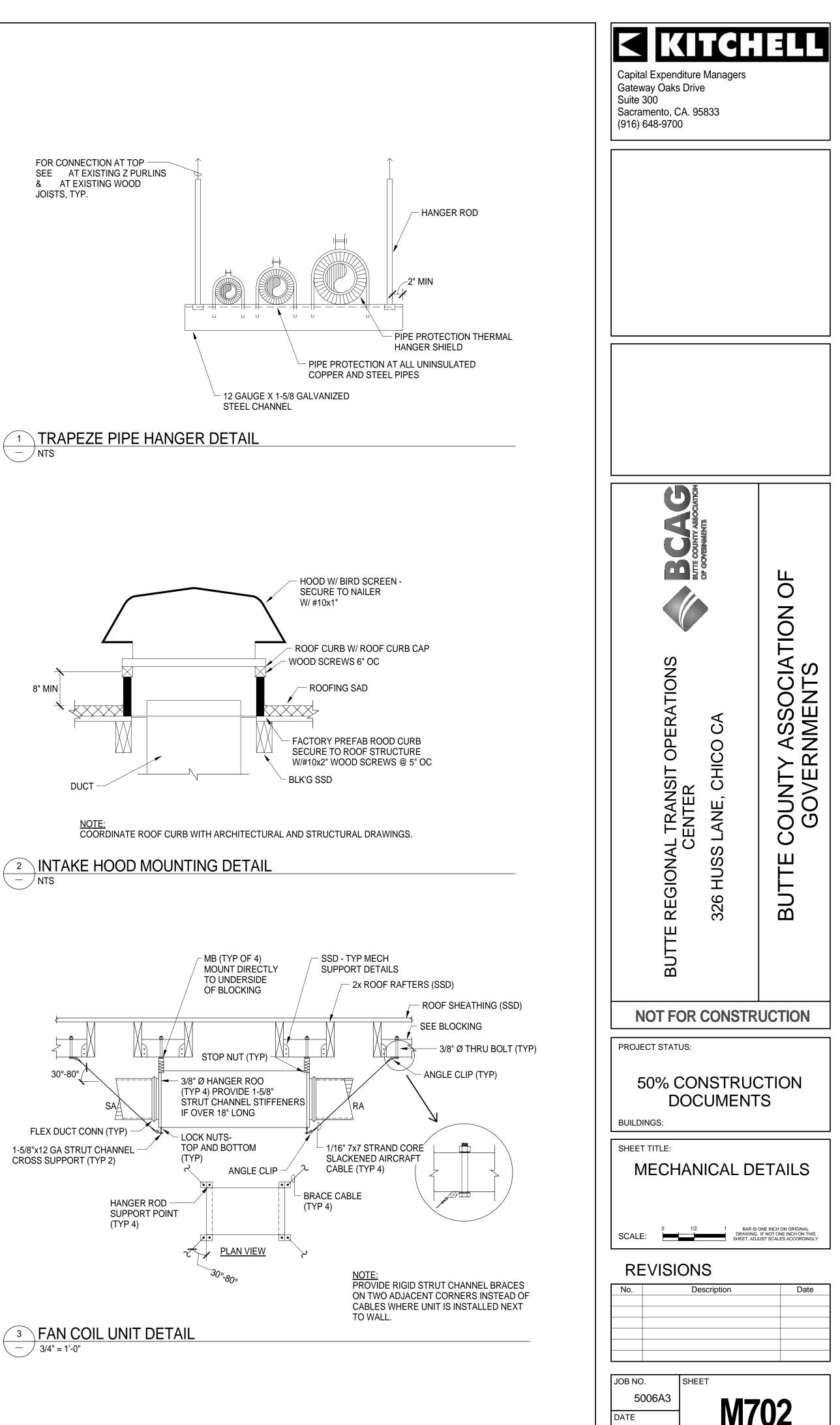
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-/NTS









	CEILING EXHAUST FAN SCHEDULE												
UNIT	LOCATION	'GREENHECK' MODEL NO.	CFM	SP (IN.W.G.)	STYLE	SONES	HP (WATTS)	VOLTS/P HASE	OPER. WT. (LBS)	NOTES			
CEF-1	MENS RESTROOM	SP-B110	140	0.5	со	5	172	115/1	10	1			
CEF-2	WOMEN'S RESTROOM	SP-B110	140	0.5	со	5	172	115/1	10	1			

	INTAKE HOOD SCHEDULE											
UNIT	LOCATION	'GREENHECK' MODEL NO.	TYPE	SP (IN.W.G.)	VOLTS/ PHASE	OPER. WT. (LBS)						
IH-1	ROOF	FABRA-HOOD	INTAKE	0.004	115/1	100						
IH-2	ROOF	FABRA-HOOD	INTAKE	0.004	115/1	100						

NOTES & OPTIONS: 1. PROVIDE WITH MANUFACTURERS BDD.

UNIT TAG	LOCA
FC1-8	AV ROOM
FC2-3	HALL 125
FC2-5	KITCHEN
FC3-2	STORAGE
FC3-4	HALL 113
FC3-6	JAN 105
FC3-7	OVERFLO
FC4-1A	CHAIR ST
FC4-1B	CHAIR ST
FC5-9	SERVER 1
1. 2. 3. 4. 5.	SEE OUTE SEE SCHE

	TRANE VRF OUTDOOR UNIT SCHEDULE															
UNIT TAG	"TRANE" MODEL NUMBER	NOMINAL COOLING CAPACITY	NOMINAL HEATING CAPACITY	DESIGN COOLING OUTDOOR TEMP	DESIGN HEATING OUTDOOR	EER	VOLTAGE / PHASE		ELECTRICAL		NOTES / OPTIONS	UNIT WEIGHT	SOUND PRESSURE/SOUND POWER dB(A)	LIQUID LINE (IN. OD)	VAPOR LINE (IN. OD)	HIGH PRESSURE GAS LINE (IN. OD)
		(BTU/H)	(BTU/H)	DB/WB (°F)	TEMP WB (°F)			MCA	MOP	No. of Fan						
CU1-1	4TVR0144B400NB	144,000.00	162,000.00	102/69	26.9	9.2	460V / 3-PHASE	26.4	40	2	1, 2, 3, 4, 5	700	62/83	1/2" BRAZE	1-1/8" BRAZE	7/8" BRAZE
CU2-3	4TVR0072B400NB	72,000.00	81,000.00	102/69	26.9	10.6	460V / 3-PHASE	16.4	20	1	1, 2, 3, 4, 5	450	60/81	3/8" BRAZE	3/4" BRAZE	5/8" BRAZE
CU3-2	4TVR0096B400NB	96,000.00	108,000.00	102/69	26.9	9.9	460V / 3-PHASE	19	25	2	1, 2, 3, 4, 5	650	61/81	3/8" BRAZE	7/8" BRAZE	3/4" BRAZE
CU4-4	4TYK6518A10N0BA	21,000.00	0.00	95/69	NA	11.1	208/ 1-PHASE	15	25	1	1, 2, 3, 4, 5	105	56/66	1/4"	1/2"	NA

# VRF HEAT RECOVERY BRANCH CIRCUIT CONTROLLER

UNIT TAG	LOCATION	SERVES	MODEL NUMBER	REFRIGERANT TYPE	DRAIN PIPE	MAXIMUM NUMBER OF CONNECTED INDOOR UNITS	VOLTAGE / PHASE	POWER INPUT (W)	WEIGHT (LBS)	NOTES / OPTIONS
MCU1-1	BREAKOUT/C LOSED SESSION ROOM	FC4-1A AND FC4-1B	MCUCUY2NCE000	R410A	1"	2	208/230V/1- PHASE	55	55	1, 2
MCU1-2	BREAKOUT/C LOSED SESSION ROOM	FC3-6 AND FC3-7	MCUCUY2NCE000	R410A	1"	2	208/230V/1- PHASE	55	55	1, 2
MCU3-3	BREAKOUT/C LOSED SESSION ROOM	FC3-2, FC3-4, AND FC2- 5	MCUCUY6NCE000	R410A	1"	6	208/230V/1- PHASE	55	60	1, 2
MCU2-4	BREAKOUT/C LOSED SESSION ROOM	FC2-3 AND FC1-8	MCUCUY4NCE000	R410A	1"	4	208/230V/1- PHASE	55	55	1, 2

NOTES & OPTIONS:

1. LIQUID PIPE CONNECTION FROM OUTDOOR UNIT 1/2' FLARE, SUCTION PIPE CONNECTION FROM THE OUTDOOR UNIT 1-1/8" BRAZE, HIGH PRESSURE GAS CONNECTION FROM THE OUTDOOR UNIT 3/4" BRAZE.

2. LIQUID PIPE CONNECTION TO INDOOR UNITS 3/8" FLARE AND SUCTION PIPE CONNECTION TO INDOOR UNITS 5/8" FLARE.

LOCATION	DIMENSIONS	MODEL	ТҮРЕ	REMOTE SENSOR	NOMINAL COOLING CAPACITY (BTU/H)	NOMINAL HEATING CAPACITY (BTU/H)	COOLING DESIGN ENTERING TEMP DB/WB (°F)	HEATING DESIGN ENTERING TEMP DB/WB (°F)	PEAK FAN AIRFLOW (CFM)	VOLTAGE / PHASE	ELECTRICAL MCA/MOP	WEIGHT (LBS)	NOTES / OPTIONS
AV ROOM 132	37.5"W x 10"H x 37.5"D	4TVD0018B100NB	CEILING CASSETTE (4- WAY AIRFLOW) TYPE	WIRED SENSOR	18000	20000	80.0/67.0	70.0	495	208/230V/1-PHASE	32 W	60	1, 2, 3, 4, 5, 6, 7
HALL 125	48"W x 15" H x 26"D	4TVA0036B100NB	CEILING CONCEALED TYPE (DUCTED)	WIRED SENSOR	36000	40000	80.0/67.0	70.0	550	208/230V/1-PHASE	210 W	140	1, 2, 3, 4, 5, 6, 8
KITCHEN	36"W x 11" H x 19"D	4TVD0024B100NB	CEILING CONCEALED TYPE (DUCTED)	WIRED SENSOR	24000	27000	80.0/67.0	70.0	410	208/230V/1-PHASE	220 W	70	1, 2, 3, 4, 5, 6, 8
STORAGE 135	36"W x 11" H x 19"D	4TVD0024B100NB	CEILING CONCEALED TYPE (DUCTED)	WIRED SENSOR	24000	27000	80.0/67.0	70.0	890	208/230V/1-PHASE	220 W	70	1, 2, 3, 4, 5, 6, 8
HALL 113	36"W x 11" H x 19"D	4TVA0036B100NB	CEILING CONCEALED TYPE (DUCTED)	WIRED SENSOR	36000	40000	80.0/67.0	70.0	750	208/230V/1-PHASE	210 W	140	1, 2, 3, 4, 5, 6, 8
JAN 105	48"W x 15" H x 26"D	4TVA0036B100NB	CEILING CONCEALED TYPE (DUCTED)	WIRED SENSOR	36000	40000	80.0/67.0	70.0	870	208/230V/1-PHASE	210 W	140	1, 2, 3, 4, 5, 6, 8
OVERFLOW 129	48"W x 15" H x 26"D	4TVA0036B100NB	CEILING CONCEALED TYPE (DUCTED)	WIRED SENSOR	36000	40000	80.0/67.0	70.0	880	208/230V/1-PHASE	210 W	140	1, 2, 3, 4, 5, 6, 8
CHAIR STORAGE 13	1 49"W x 19" H x 26"D	4TVA0076B100NB	CEILING CONCEALED TYPE (DUCTED)	WIRED SENSOR	76800	85200	80.0/67.0	70.0	1920	208/230V/1-PHASE	530 W	200	1, 2, 3, 4, 5, 6, 8
CHAIR STORAGE 13	1 49"W x 19" H x 26"D	4TVA0076B100NB	CEILING CONCEALED TYPE (DUCTED)	WIRED SENSOR	76800	85200	80.0/67.0	70.0	1920	208/230V/1-PHASE	530 W	200	1, 2, 3, 4, 5, 6, 8
SERVER 123	35"W x 12"H x 9"D	4TVD0018B100NB	WALL MOUNTING TYPE	WIRELESS REMOTE	21000	0	80.0/67.0	NA	420	POWERED FROM OUTDOOR UNIT (CU-	15/25 A	35	1, 2, 3, 4, 5, 6, 8

OTES & OPTIONS:

OMINAL COOLING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 80/67°F (DB/WB), OUTDOOR OF 95°F (DB).

OMINAL HEATING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 70°F (DB), OUTDOOR OF 43°F (WB).

EE OUTDOOR UNIT SCHEDULE FOR OUTDOOR AMBIENT CONDITIONS, CONNECTED CAPACITY, AND OTHER FACTORS ASSOCIATED WITH CORRECTED CAPACITIES.

EE SCHEMATIC PIPING/CONTROL DIAGRAM FOR INDICATION OF REQUIRED INDOOR UNIT REMOTE CONTROLLERS, SYSTEM CONTROLLERS, AND INTEGRATION DEVICES.

5. FULL DEMAND CORRECTED CAPACITY INCLUDES DE-RATE ASSOCIATED WITH INDOOR VS. OUTDOOR CONNECTED CAPACITY INDICATED ON OUTDOOR UNIT SCHEDULE FOR ASSOCIATED SYSTEM. PARTIAL CORRECTED CAPACITY ASSUMES SUFFICIENT DIVERSITY EXISTS SUCH THAT THE CONNECTED CAPACITY DE-RATE DOES NOT APPLY.

6. IT IS RECOMMENDED TO ALWAYS BASE HEATING CORRECTED CAPACITY ON FULL DEMAND. 7. CONDENSATE PUMP BUILT-IN.

8. PROVIDE CONDENSATE PUMP BY MANUFACTURER.

NOTES & OPTIONS:

1. NOMINAL COOLING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 80/67°F (DB/WB), OUTDOOR OF 102°F (DB).

2. NOMINAL HEATING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 70°F (DB), OUTDOOR OF 43°F (WB).

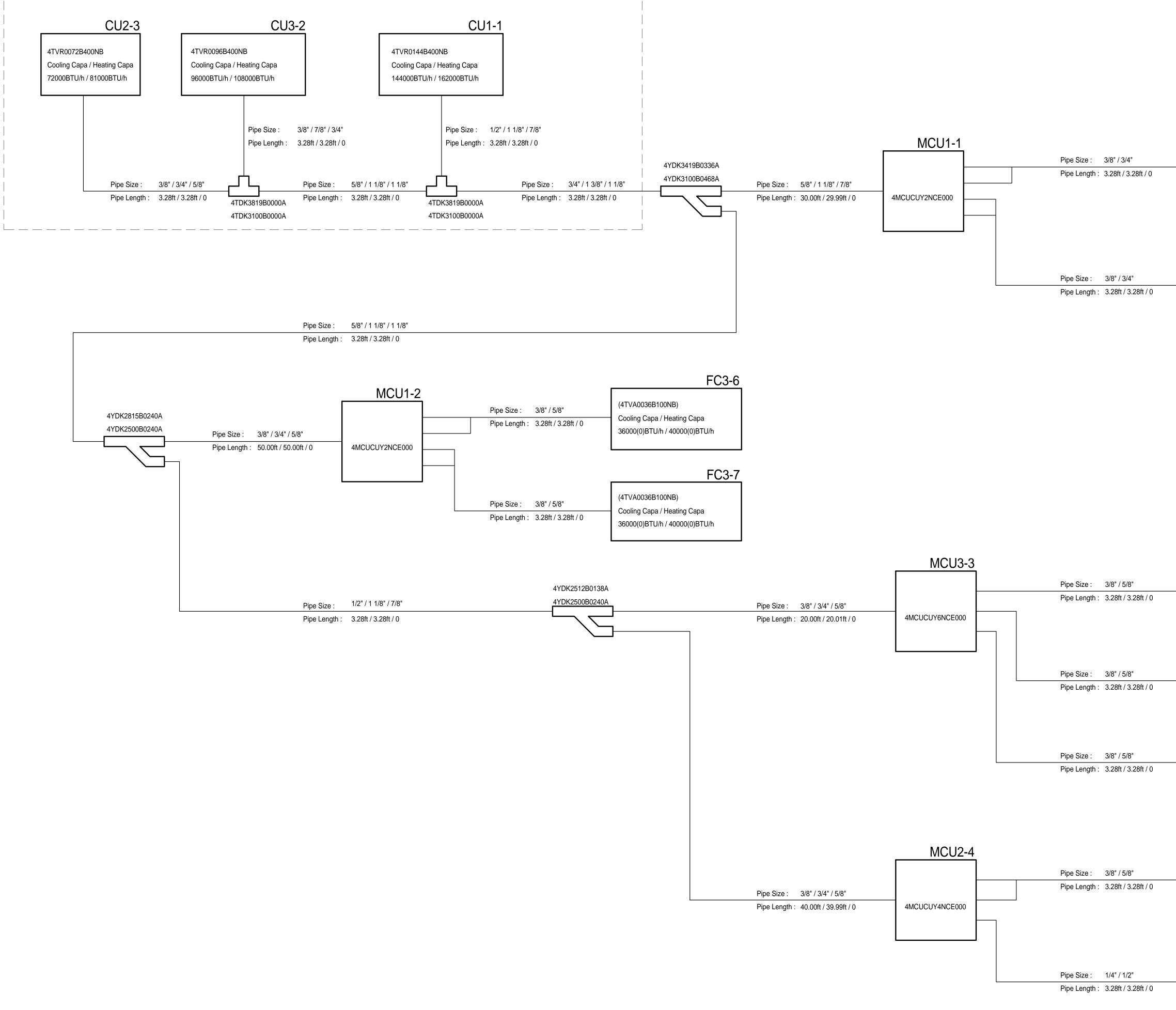
3. EFFICIENCY VALUES FOR EER, IEER, COP ARE BASED ON AHRI 1230 TEST METHOD FOR MIXTURE OF DUCTED & NON-DUCTED INDOOR UNITS. 4. FOR SYSTEMS WITH MULTIPLE MODULES, REFRIGERANT PIPE DIMENSIONS INDICATE TOTAL SYSTEM COMBINED PIPING DOWNSTREAM OF MODULE TWINNING.

5. ADDED FIELD CHARGE LISTED IS IN ADDITION TO FACTORY CHARGE, THIS MUST BE UPDATED BASED UPON FINAL AS-BUILT PIPING LAYOUT.

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BUTTE REGIONAL TRANSIT OPERATIONS CENTER 326 HUSS LANE, CHICO CA	BUTTE COUNTY ASSOCIATION OF GOVERNMENTS
NOT FOR CONSTR	RUCTION
PROJECT STATUS: 50% CONSTRU DOCUMEN BUILDINGS:	
SHEET TITLE: MECHANIC SCHEDUL	
SCALE: DRAWIN SHEET, A	IS ONE INCH ON ORIGINAL IG. IF NOT ONE INCH ON THIS DJUST SCALES ACCORDINGLY
REVISIONS     No.   Description	Date
JOB NO. SHEET	
8/26/15	<b>BO1</b>

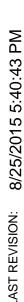
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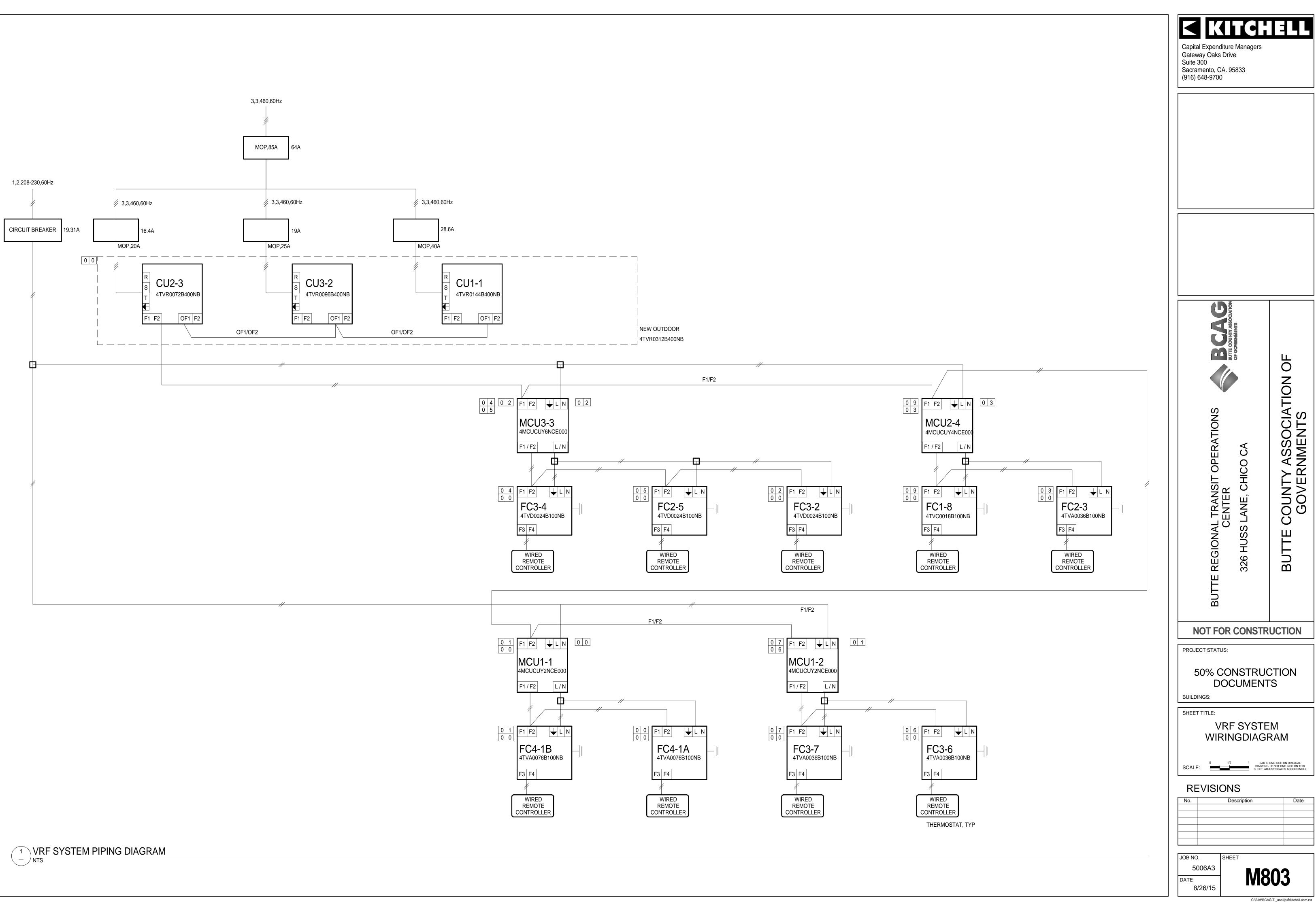
New Outdoor(4TVR0312B400NB) Cooling Capa / Heating Capa 312000(0)BTU/h / 351000(0)BTU/h



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		Capital Expenditure Managers Gateway Oaks Drive Suite 300 Sacramento, CA. 95833 (916) 648-9700	
FC4-1A			
(4TVA0076B100NB) Cooling Capa / Heating Capa 76800(0)BTU/h / 85200(0)BTU/h			
FC4-1B			
(4TVA0076B100NB) 76800(0)BTU/h / 85200(0)BTU/h Cooling Capa / Heating Capa			
		BCCA BUTTE COUNTY ASSOC OF COVERNMENTS	CIATION OF TS
FC3-2		AL TRANSIT OPERATIONS CENTER S LANE, CHICO CA	COUNTY ASSOCIAT GOVERNMENTS
(4TVD0024B100NB) Cooling Capa / Heating Capa 24000(0)BTU/h / 27000(0)BTU/h FC2-5		TTE REGIONA 326 HUSS	BUTTE C
(4TVD0024B100NB) Cooling Capa / Heating Capa 24000(0)BTU/h / 27000(0)BTU/h			
FC3-4		PROJECT STATUS:	
(4TVD0024B100NB) Cooling Capa / Heating Capa 24000(0)BTU/h / 27000(0)BTU/h		50% CONSTRU DOCUMEN BUILDINGS:	
FC2-3		SHEET TITLE: VRF SYSTEM DIAGRAN	
(4TVA0036B100NB) Cooling Capa / Heating Capa 36000(0)BTU/h / 40000(0)BTU/h		SCALE: <b>REVISIONS</b>	IS ONE INCH ON ORIGINAL NG, IF NOT ONE INCH ON THIS ADJUST SCALES ACCORDINGLY
FC1-8		No. Description	Date
(4TVC0018B100NB) Cooling Capa / Heating Capa 18000(0)BTU/h / 20000(0)BTU/h		JOB NO. SHEET	
		5006A3 DATE 8/26/15	<b>302</b>





# MECHANICAL ABBREVIATIONS

# POWER SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AC	ABOVE CEILING	MFR	MANUFACTURER		
AFF	ABOVE FINISHED FLOOR	MATV	MASTER ANTENNA TELEVISION	SB	MAIN SWITCHBOARD, DISTRIBUTION BOARD OR
AFG	ABOVE FINISHED GRADE	MOM	MOMENTARY		MOTOR CONTROL CENTER.
ACCPNL	ACCESS PANEL	Μ	MOTOR		
AWG	AMERICAN WIRE GAUGE	MC	MOTOR CONTROLLER		
AIC	AMP INTERRUPTING CURRENT	MTD	MOUNTED		PANELBOARD
А	AMPERE (AMPS)	MTG	MOUNTING	PP-1	
AF	AMPS-FRAME				
AT	AMPS-TRIP	NL	NIGHT LIGHT	$\square$	DUPLEX OUTLET, +18" UON.
				H H	DUPLEX OUTLET, +16 UON.
ATS	AUTOMATIC TRANSFER SWITCH	NF	NON-FUSED		
		NOR	NORMAL	•	DUPLEX OUTLET, SPLIT WIRED.
BIL	BASIC IMPULSE LEVEL	NC	NORMALLY CLOSED	H H	DOI LEX OUTEET, SI EIT WINLED.
BFG	BELOW FINISHED GRADE	NO	NORMALLY OPEN/NUMBER		
BPT	BY-PASS TIMER	#	NUMBER	$\oplus$	DUPLEX OUTLET, MOUNTED ABOVE COUNTER,
					+42", +46" WHERE BACKSPLASH OCCURS, UON.
CAB	CABINET	PNL	PANEL		
CLG	CEILING	PH	PHASE	ſ	
				$\mathbb{P}_{G}$	DUPLEX OUTLET WITH GROUND FAULT INTERRUPTER.
Ę a z	CENTERLINE	POC	POINT OF CONNECTION		
СКТ	CIRCUIT	Р	POLE	•	
СВ	CIRCUIT BREAKER	PVC	POLYVINYL CHLORIDE DUCT	₩	QUADRUPLEX OUTLET, +18" UON.
CCTV	CLOSED CIRCUIT TELEVISION	PWR	POWER		
CX	COAXIAL CABLE	PF	POWER FACTOR	•	
COMM	COMMUNICATION	PRI	PRIMARY	φ	SINGLE OUTLET, +18" UON.
C	CONDUIT	PA	PUBLIC ADDRESS		
CO	CONDUIT ONLY	PB	PULL BOX		QUADRUPLEX OUTLET, MOUNTED IN FLUSH FLOOR
CU	COPPER				BOX.
		REFRIG	REFRIGERATOR		
DF	DRINKING FOUNTAIN	(R)	REMOVE	4	DISCONNECT SWITCH
		(RR)	REMOVE AND RELOCATE		DISCONNECT SWITCH
EWC	ELECTRIC WATER COOLER	RVS	REVERSE		
EMT	ELECTRICAL METALLIC TUBING	RMC	RIGID METALLIC CONDUIT	J	JUNCTION BOX, 4' SQUARE UON FLOOR MOUNTED.
	CONDUIT			5	SONOTION BOX, 4 OQUARE CONTECON MOUNTED.
<b>FM</b>		RMS	ROOT MEAN SQUARE	Т т	
EM	EMERGENCY				JUNCTION BOX, 4" SQUARE UON WALL MOUNTED .
ENCL	ENCLOSURE	SHT	SHEET		
(ER)	EXISTING RELOCATE	SPST	SINGLE POLE SINGLE THROW		
		SN	SOLID NEUTRAL	$\bigcirc$	ELECTRIC MOTOR
FA	FIRE ALARM	SSC	SOUND SYSTEM CABINET		
FLEX	FLEXIBLE METAL CONDUIT	SW	SWITCH		
FLUOR	FLUORESCENT				BUZZER
FLA	FULL LOAD AMPS	SWBD	SWITCHBOARD		
		SYM	SYMMETRICAL		
FU _	FUSE			PE	PHOTOELECTRIC SWITCH
F	FUSED	TTB	TELEPHONE TERMINAL BOARD		
		TTC	TELEPHONE TERMINAL CABINET	¢	SWITCH, TOGGLE, SINGLE POLE, SINGLE THROW
GALV	GALVANIZED	KCMIL	THOUSAND CIRCULAR MILS	\$	SUBSCRIPT MODIFIERS:
GRD/GND	GROUND	MCM	THOUSAND CIRCULAR MILS		SOBSCIAI I MODIFIERS.
GFI	GROUND FAULT INTERRUPTER	TC	TIMECLOCK		1,2 SWITCHING CIRCUIT
GFR	GROUND FAULT RELAY				
OFIX	SROUND FACET RELAT	XFMR	TRANSFORMER		D DIMMER
		TP	TWISTED PAIR		
HZ	HERTZ	TPS	TWISTED PAIR SHIELDED		DR DOOR
HID	HIGH INTENSITY DISCHARGE	2SP	TWO SPEED		
HPS	HIGH PRESSURE SODIUM				K KEY OPERATED
HP	HORSEPOWER	UG	UNDERGROUND		
		UPS			P PILOT LIGHTED
JB	JUNCTION BOX	UF 3	SYSTEM		
<u> </u>	JUNCTION BOX		STOTEM		T TIMER
KA	KILOAMPERES	V	VOLT		3 THREE WAY
KV	KILOVOLT	VA	VOLTAMPERES		
KVA	KILOVOLT AMPERES				4 FOUR WAY
KW	KILOWATT	WHM	WATT HOUR METER		
KWH	KILOWATT HOURS	WP	WEATHERPROOF		
KEC	KITCHEN EQUIPMENT	W	WIRE/WATTS	<sup>\$</sup> os	WALL SWITCH OCCUPANCY SENSOR.
NLU	CONTRACTOR	vv		03	
. –				$\sim$	
LT	LIGHT			OS	CEILING MOUNTED OCCUPANCY SENSOR.
LTG	LIGHTING				
LRA	LOCKED ROTOR AMPS				
LCL	LONG CONTINUOUS LOAD				
LV	LOW VOLTAGE			(T)	THERMOSTAT
- v					
				(M)	METER (WATT HOUR)
				í -	

LIGHTING SYMBOLS	DATA S

LIGHTING	SYMBOLS	DATA SYM	BOLS
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	FLUORESCENT FIXTURE, SURFACE OR PENDANT MOUNTED.	<del></del>	TELEPHONE TERMINAL BOARD, 4' x 8' x 3/4"
<b>⊢</b>	FLUORESCENT STRIPLIGHT FIXTURE, SURFACE OR PENDANT MOUNTED.	•	WALL TELEPHONE OUTLET, +18" UON.
Ø	LUMINAIRE FIXTURE, RECESSED IN CEILING	$\triangleright$	TELEPHONE/DATA OUTLET, +18" UON, PROV BOX W/ SINGLE GANG RING. PROVIDE 4 CAE EACH OUTLET UON.
	LUMINAIRE FIXTURE, SURFACE OR PENDANT MOUNTED.	MM	MULTIMEDIA OUTLET, +18" UON.
Ø	LUMINAIRE WALL WASHER FIXTURE, RECESSED IN CEILING.	Ū.	VOLUME CONTROL, +42" AFF.
⊗	EXIT FIXTURE	™	MICROPHONE OUTLET, +42" AFF.
4 <b>-</b> 24	EMERGENCY BATTERY PACK WITH TWO FLOOR HEADS	Ś	WALL SPEAKER
$\langle \overline{X} \rangle$	LIGHTING FIXTURE TYPE	S	CEILING SPEAKER
$(\mathfrak{G})$	SPOT LIGHT	UT V	COAXIAL CABLE JACK, +7' - 6" AFF UON. PRO J-BOX WITH SINGLE GANG RING.
PP-1, 2	LIGHTING SWITCHING CIRCUIT, PANEL BOARD, CIRCUIT NUMBER.	F⊲	FIRE ALARM HORN
	PANLE BOARD, CIRCOTT NOMBER.	FQ	FIRE ALARM HORN AND STROBE
		D	SMOKE SENSING FIRE DETECTOR
		К	KEYPAD OR KEY CARD, +42" AFF.
		D	DOOR CONTACT
		τv	WALL MOUNTED MONITOR

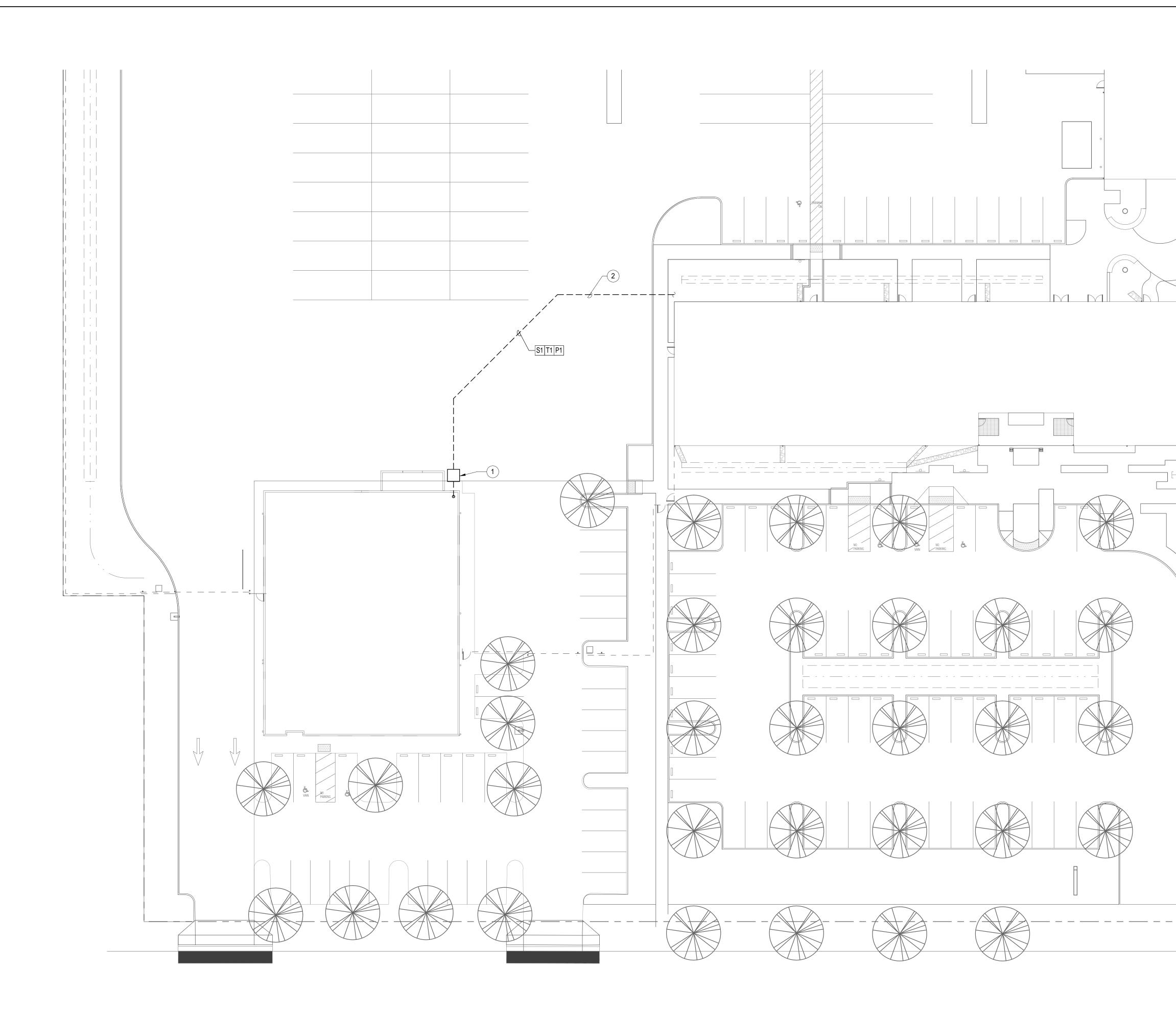
# GENERAL NOTES:

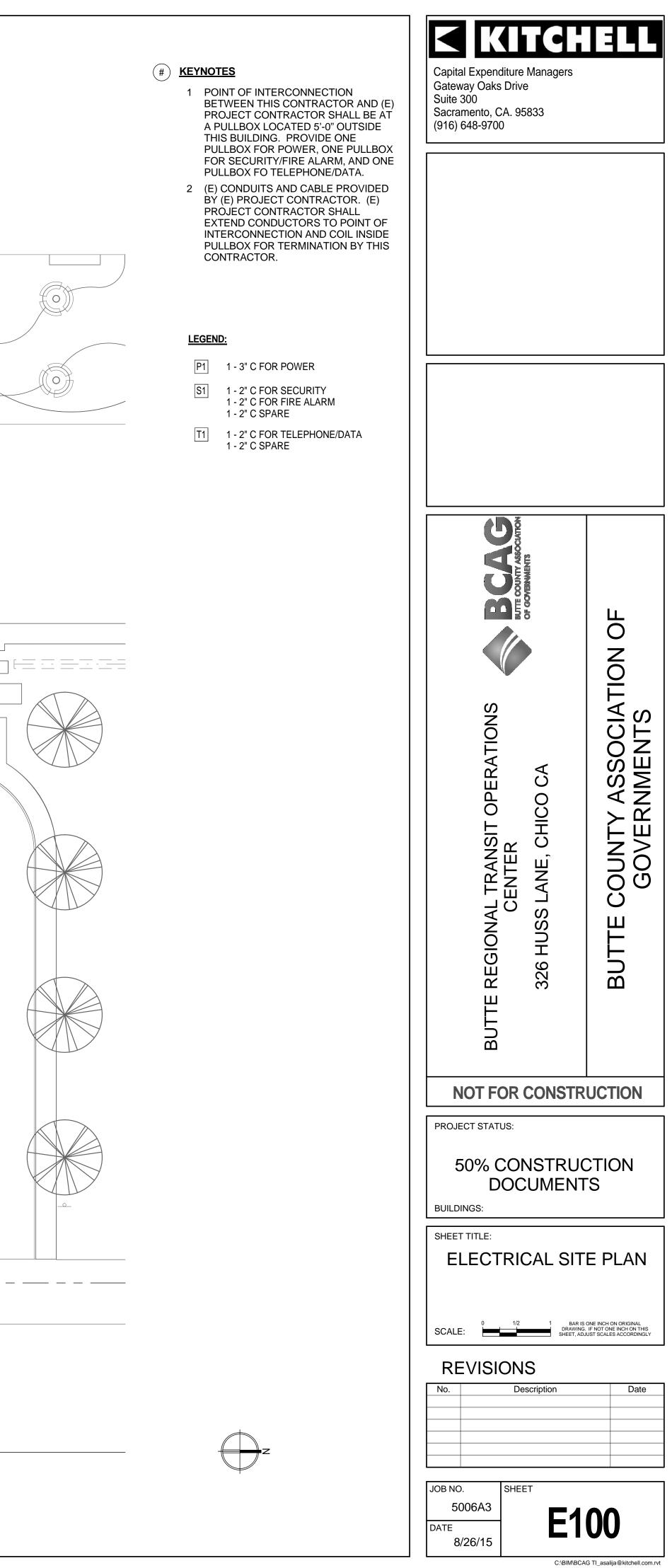
1. PROVIDE AND LOCATE OUTLETS, WIRING AND COM SECTIONS OR CONTRACTS PER EQUIPMENT SUPP CONTROLS, UNLESS OTHERWISE DIRECTED. VERI FURNISHED AND/OR INSTALLED WITH TRADE DRA REQUIRING ELECTRICAL WORK TO DETERMINE SO

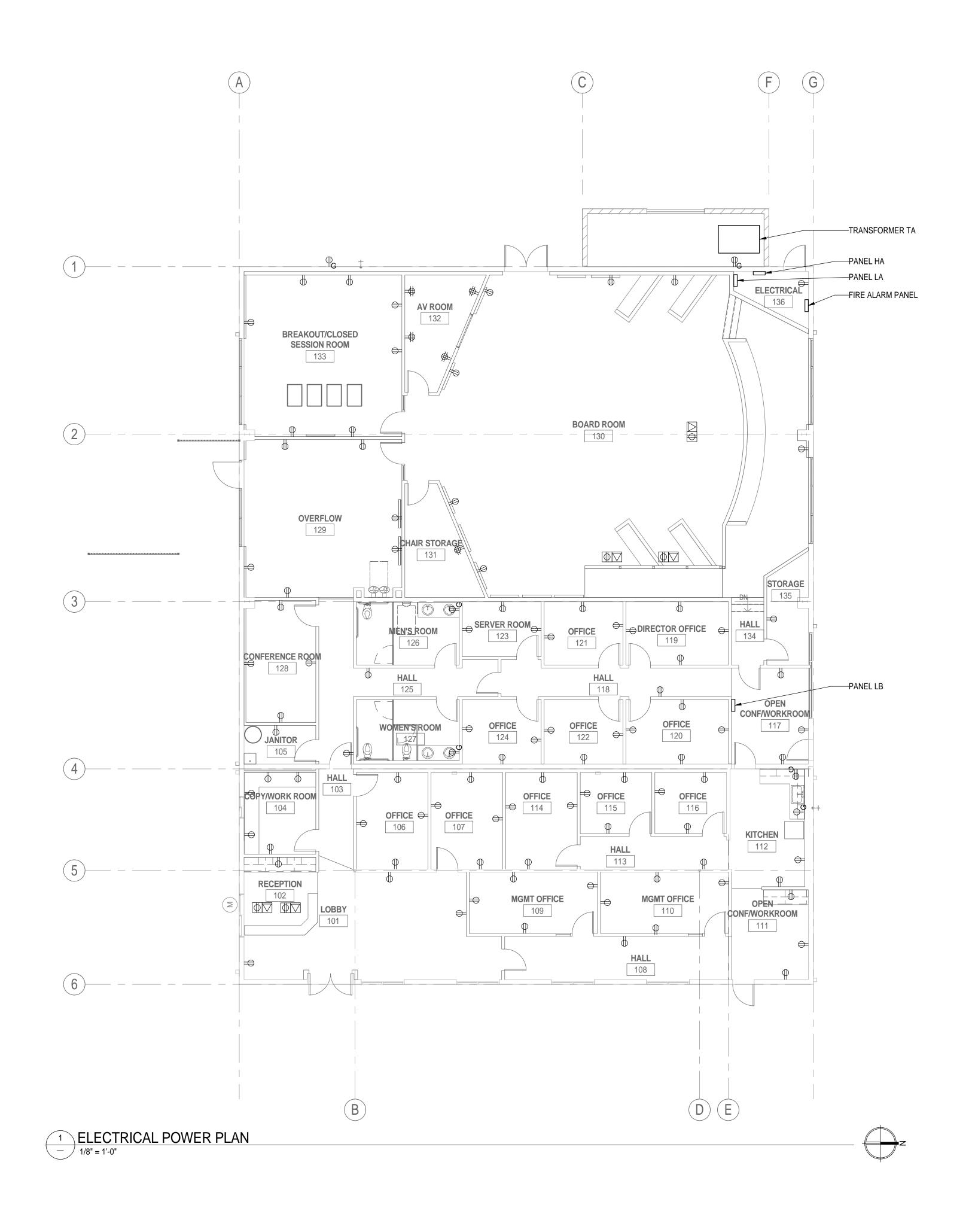
- 2. DO NOT CUT OR IN ANY WAY MODIFY ANY GIRT, BE WRITING BY THE STRUCTURAL ENGINEER.
- 3. ALL NEW RACEWAYS AND WIRING SHALL BE CON REPAIR ANY WALLS AND CEILINGS DAMAGED BY 1
- 4. AN ELECTRICAL PERMIT IS REQUIRED BEFORE TH PAY ALL ASSOCIATED FEES.
- 5. ALL ELECTRICAL WORK SHALL BE PERFORMED BY
- 6. ALL OUTDOOR ELECTRICAL EQUIPMENT AND ENC

	ELECTRICAL	SYMBOL	S			KITCH	
		SYMBOL	D	ESCRIPTION	Capit	al Expenditure Managers way Oaks Drive	
3/4" UON.	MATCH LINE	1 / E101/ 1 / E101/	A B	VIEW NUMBER / SHEET NUMBER SHADED PORTION IS SIDE CONSIDERED		300 amento, CA. 95833 648-9700	
PROVIDE 4" x 4" J- CABLE DROPS AT	VIEW REFERENCE		<u> </u>	VIEW NUMBER SHEET NUMBER			
	DETAIL SECTION			SECTION IDENTIFIER			
	EQUIPMENT TAG	TYM SEQ	MECHANI	CAL EQUIPMENT: SEE CAL DRAWINGS FOR NT INFORMATION.			
PROVIDE 4" x 4"					_		
	RACEWAYS					A D Z	
	SYMBOL	DESCRIPTIC	ON				
	—-C—-	CONDUIT TU	URNED UP				
			URNED DOW	'N			Ц
	-+***	FLEXIBLE C					
		PANEL OR E	IOMERUN, CO EQUIPMENT	ONTINUOUS RUN TO CABINET			ATION
			IOMERUN CO NDERGROUN	NCEALED UNDER		S N	S IAT
	lu	CONNECT T	TO GROUNDI	NG ELECTRODE		LION	
	∭®	GROUNDING	G ROD			OPERATIONS CO CA	SS( ME
PPLIERS REQUIREMEN RIFY LOCATIONS, RAT AWINGS AND SPECIFI SCOPE OF WORK REQ	TED OR REQUIRED FOR EQU NTS. CONNECT TO ALL EQU TINGS, VOLTAGES, CONTRO ICATIONS. REFER TO EQUIP QUIRED.	IPMENT AND ASSO DL WIRING, CONTR PMENT OR SYSTEN	OCIATED ROL DEVICES M SPECIFICA	TO BE TIONS		BUTTE REGIONAL TRANSI CENTER 326 HUSS LANE, CH	BUTTE COUNT GOVE
	ND CEILINGS UNLESS OTHE DF THE NEW RACEWAYS, WI			D		NOT FOR CONST	RUCTION
HE START OF ANY EL	ECTRICAL WORK. CONTRA	CTOR SHALL OBT.	AIN PERMIT	AND	PROJ	IECT STATUS:	
						50% CONSTRU	
	CONTRACTOR IN THE STATE	OF CALIFORNIA.			BUILI		TS
ICLOSURES SHALL BE	NEMA 3R RATED.					T TITLE:	
						ELECTRIC ABBREVIATI SYMBOLS, & N	ONS,
					SCAL	C. DRAWI	R IS ONE INCH ON ORIGINAL NG. IF NOT ONE INCH ON THIS ADJUST SCALES ACCORDINGLY
					R	EVISIONS Description	Date
						O. SHEET	
					5 DATE	EC	<b>DO1</b>

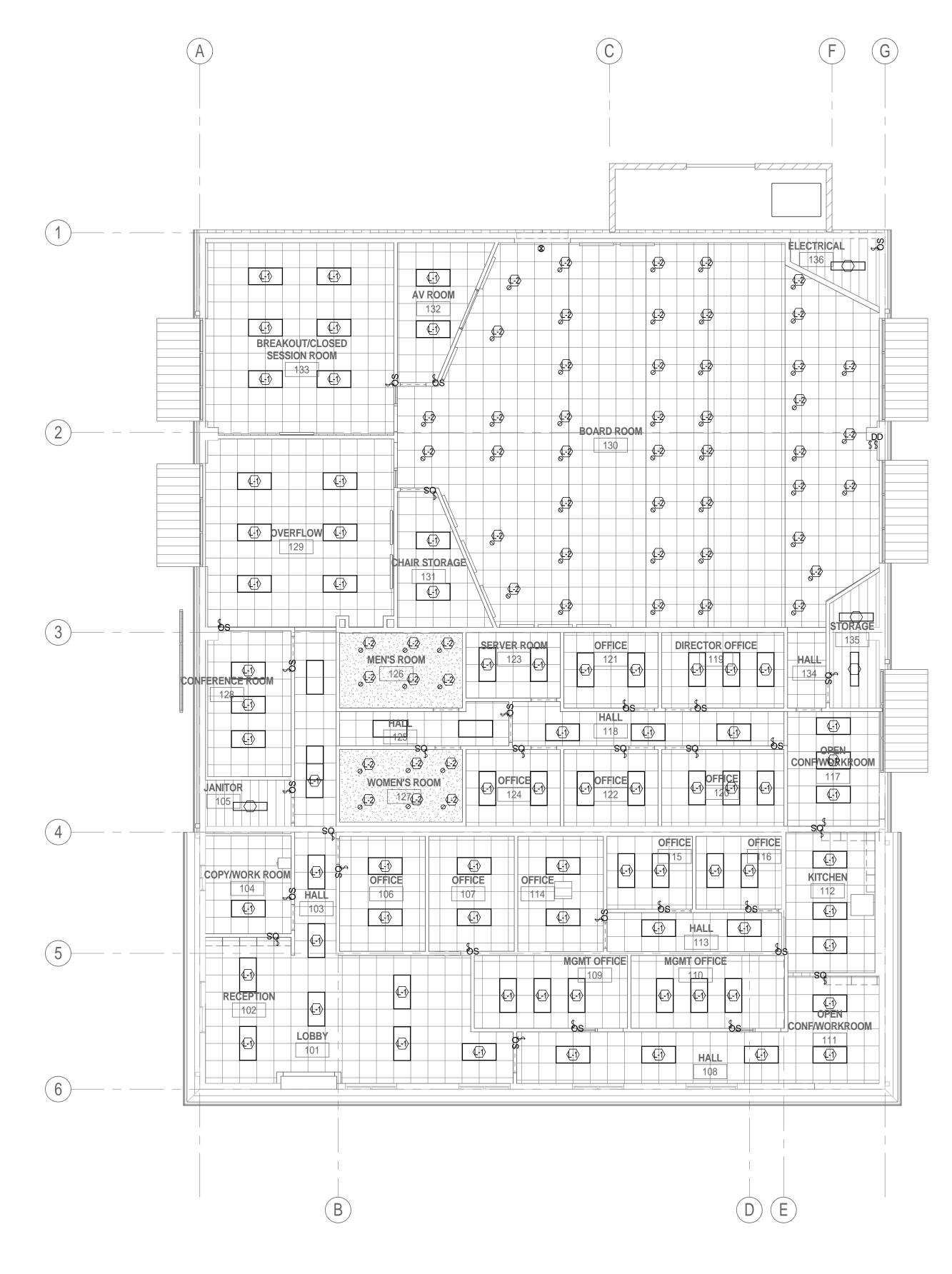








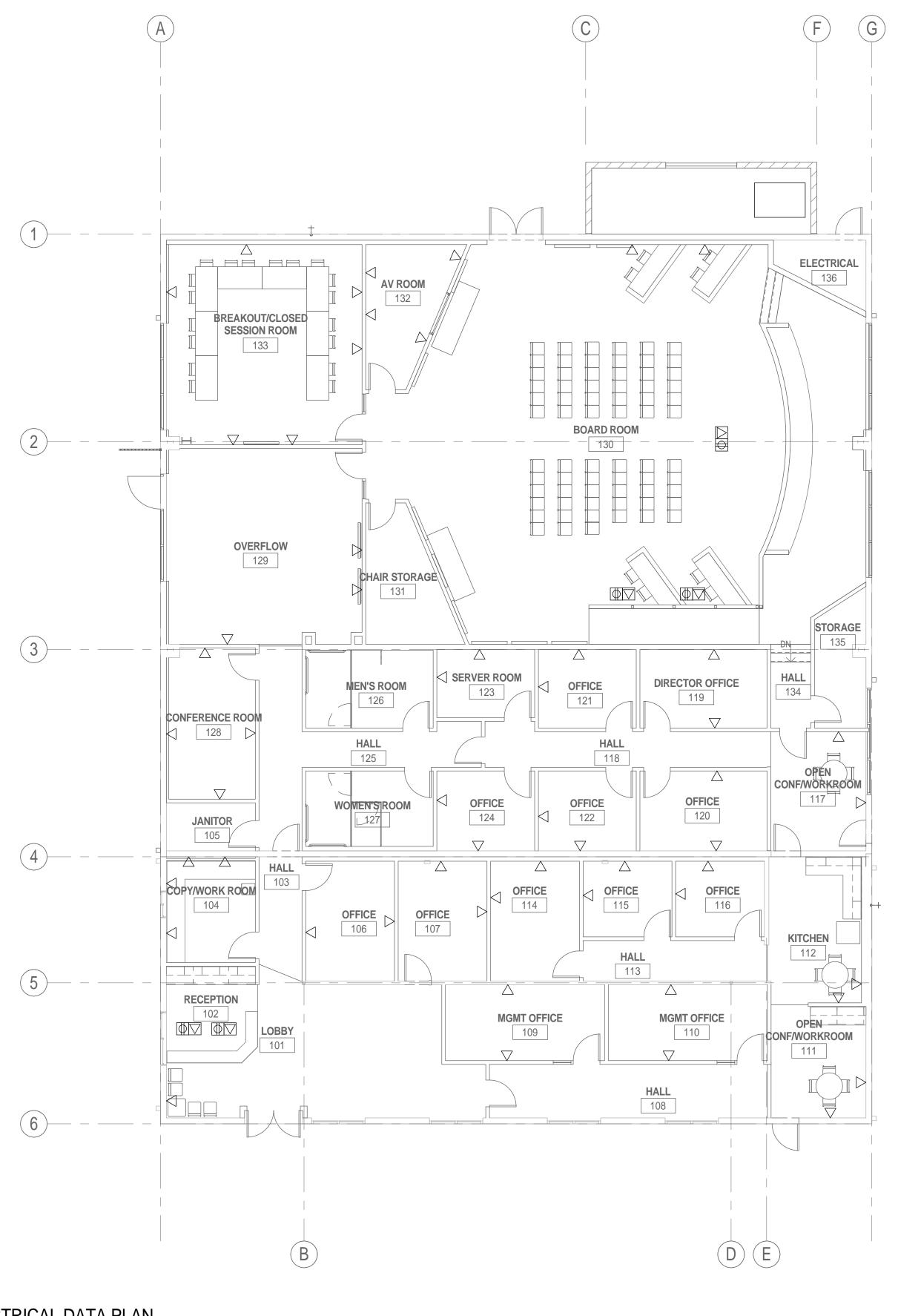
Capital Expenditure Managers Gateway Oaks Drive Suite 300 Sacramento, CA. 95833 (916) 648-9700	
BUTTE REGIONAL TRANSIT OPERATIONS CENTER 326 HUSS LANE, CHICO CA	BUTTE COUNTY ASSOCIATION OF GOVERNMENTS
NOT FOR CONSTR	UCTION
50% CONSTRUC DOCUMENT BUILDINGS:	
SHEET TITLE: ELECTRICAL PO PLAN	OWER
SCALE: DRAWING, SHEET, ADJ	ONE INCH ON ORIGINAL IF NOT ONE INCH ON THIS UST SCALES ACCORDINGLY
REVISIONS           No.         Description	Date
JOB NO. 5006A3 DATE 8/26/15	01 G TI_asalija@kitchell.com.rvt



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# 1 ELECTRICAL LIGHTING PLAN - 1/8" = 1'-0"

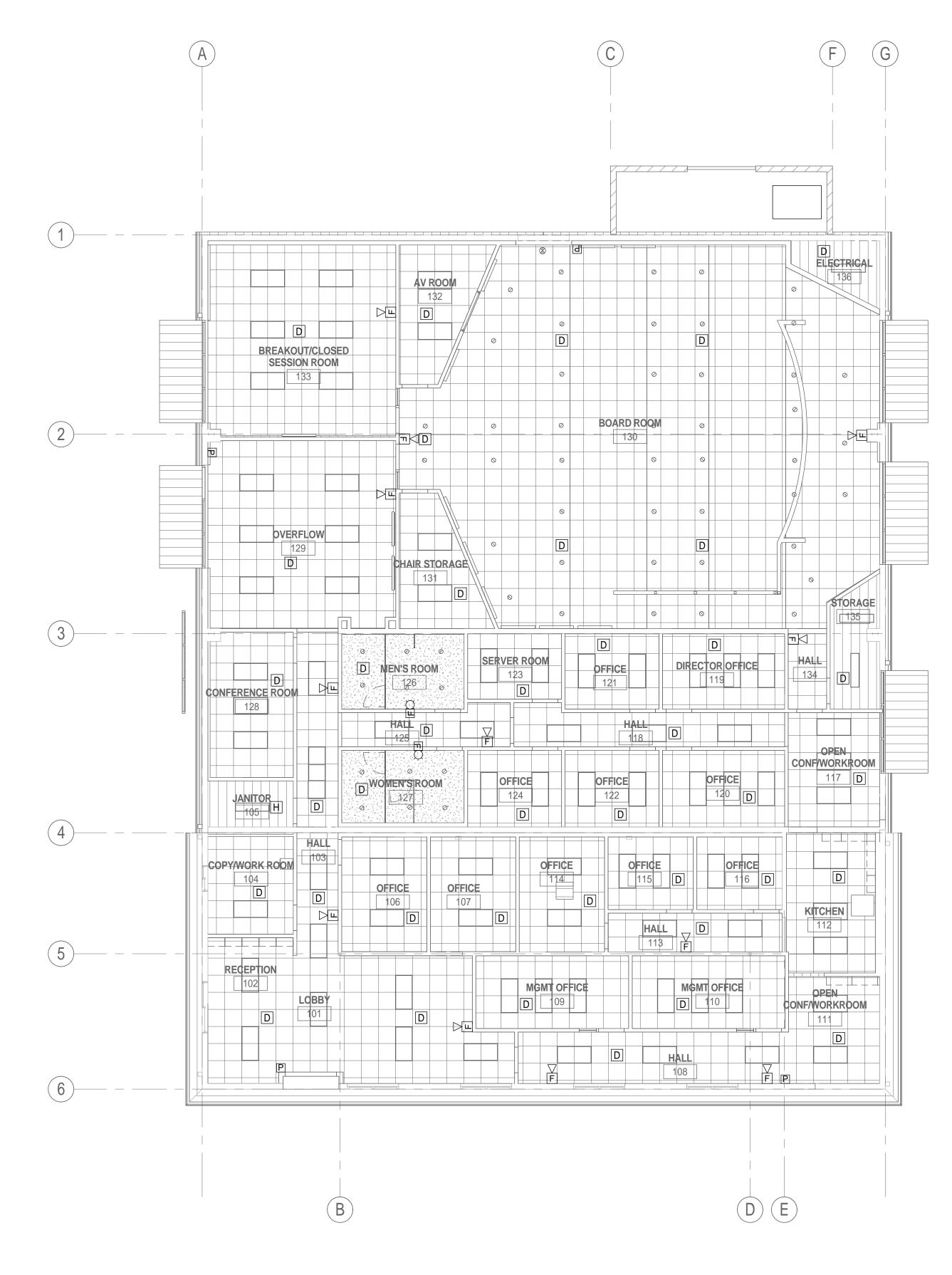
Capital Expenditure Managers Gateway Oaks Drive Suite 300 Sacramento, CA. 95833 (916) 648-9700	
BUTE REGIONAL TRANSIT OPERATIONS CENTER 326 HUSS LANE, CHICO CA 326 HUSS LANE, CHICO CA	BUTTE COUNTY ASSOCIATION OF GOVERNMENTS
PROJECT STATUS:	
50% CONSTRU DOCUMEN BUILDINGS:	
SHEET TITLE: ELECTRICAL LIC PLAN	GHTING
	S ONE INCH ON ORIGINAL G. IF NOT ONE INCH ON THIS JJUST SCALES ACCORDINGLY
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JOB NO. 5006A3 DATE 8/26/15	202



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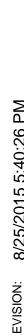
1 ELECTRICAL DATA PLAN - 1/8" = 1'-0"

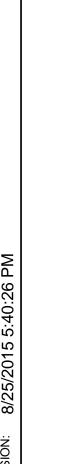
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Capital Expenditure Managers Gateway Oaks Drive Suite 300	
Sacramento, CA. 95833 (916) 648-9700	
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REGIONAL TRANSIT OPERATIONS CENTER 326 HUSS LANE, CHICO CA	NTY ASSOCIATION OF VERNMENTS
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REGIONAL TRA CENTE 326 HUSS LANE	BUTTE
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BUTTE	
NOT FOR CONSTR	UCTION
PROJECT STATUS:	
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BUILDINGS:	
SHEET TITLE: ELECTRICAL DAT	A PLAN
SCALE: DRAWING. SHEET, ADJ	DNE INCH ON ORIGINAL IF NOT ONE INCH ON THIS UST SCALES ACCORDINGLY
REVISIONS No. Description	Date
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8/26/15	G TI_asalija@kitchell.com.rvt



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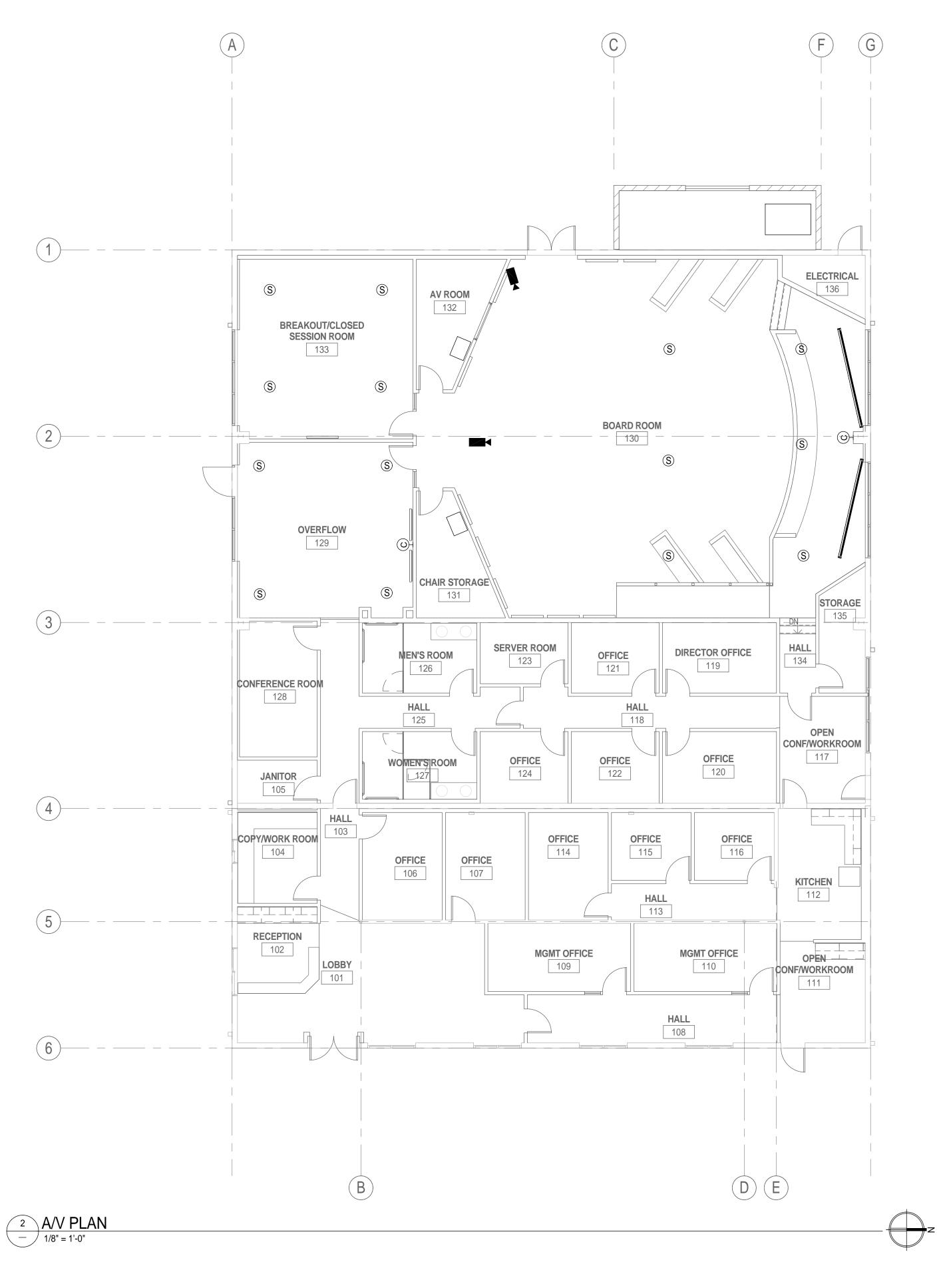
Capital Expenditure Managers Gateway Oaks Drive Suite 300 Sacramento, CA. 95833 (916) 648-9700	
BUTTE COUNTY ASSOCIATION OF GOVERNMENTS	ION OF
BUTTE REGIONAL TRANSIT OPERATIONS CENTER 326 HUSS LANE, CHICO CA	BUTTE COUNTY ASSOCIATION OF GOVERNMENTS
NOT FOR CONSTR	UCTION
PROJECT STATUS: 50% CONSTRUC DOCUMENT BUILDINGS:	
SHEET TITLE: FIRE ALARM P	PLAN
DRAWING.	DNE INCH ON ORIGINAL IF NOT ONE INCH ON THIS JST SCALES ACCORDINGLY
No. Description	Date
JOB NO. SHEET 5006A3 DATE 8/26/15	<b>04</b> TI_asalija@kitchell.com.rvt





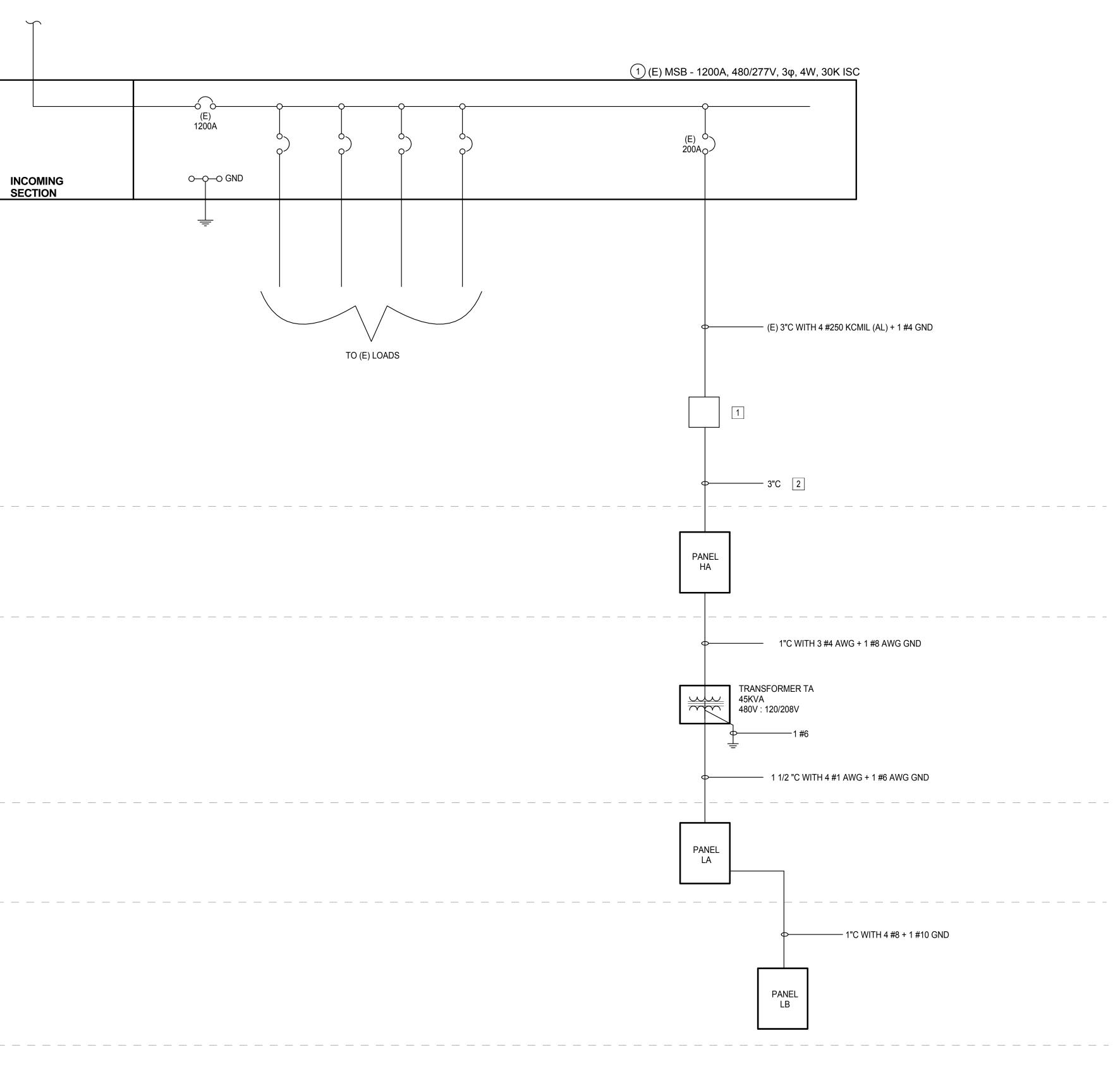








Capital Expenditure Managers Gateway Oaks Drive Suite 300 Sacramento, CA. 95833 (916) 648-9700	
BUTTE REGIONAL TRANSIT OPERATIONS CENTER 326 HUSS LANE, CHICO CA	BUTTE COUNTY ASSOCIATION OF GOVERNMENTS
NOT FOR CONSTRUCT PROJECT STATUS: 50% CONSTRUCT DOCUMENT BUILDINGS:	TION
DRAWING.	PLANS
JOB NO. SHEET 5006A3 DATE 8/26/15	05



# EXTERIOR

ELECTRICAL ROOM

UTILITY YARD

ELECTRICAL ROOM

OPEN WORKROOM 117

I SINGLE LINE DIAGRAM

Capital Expenditure Managers Gateway Oaks Drive Suite 300 Sacramento, CA. 95833 (916) 648-9700	
BUTTE REGIONAL TRANSIT OPERATIONS CENTER 326 HUSS LANE, CHICO CA	BUTTE COUNTY ASSOCIATION OF GOVERNMENTS
NOT FOR CONSTR	UCTION
PROJECT STATUS: 50% CONSTRUC DOCUMENT BUILDINGS:	
	UST SCALES ACCORDINGLY
No. Description	Date
JOB NO. 5006A3 DATE 8/26/15	01

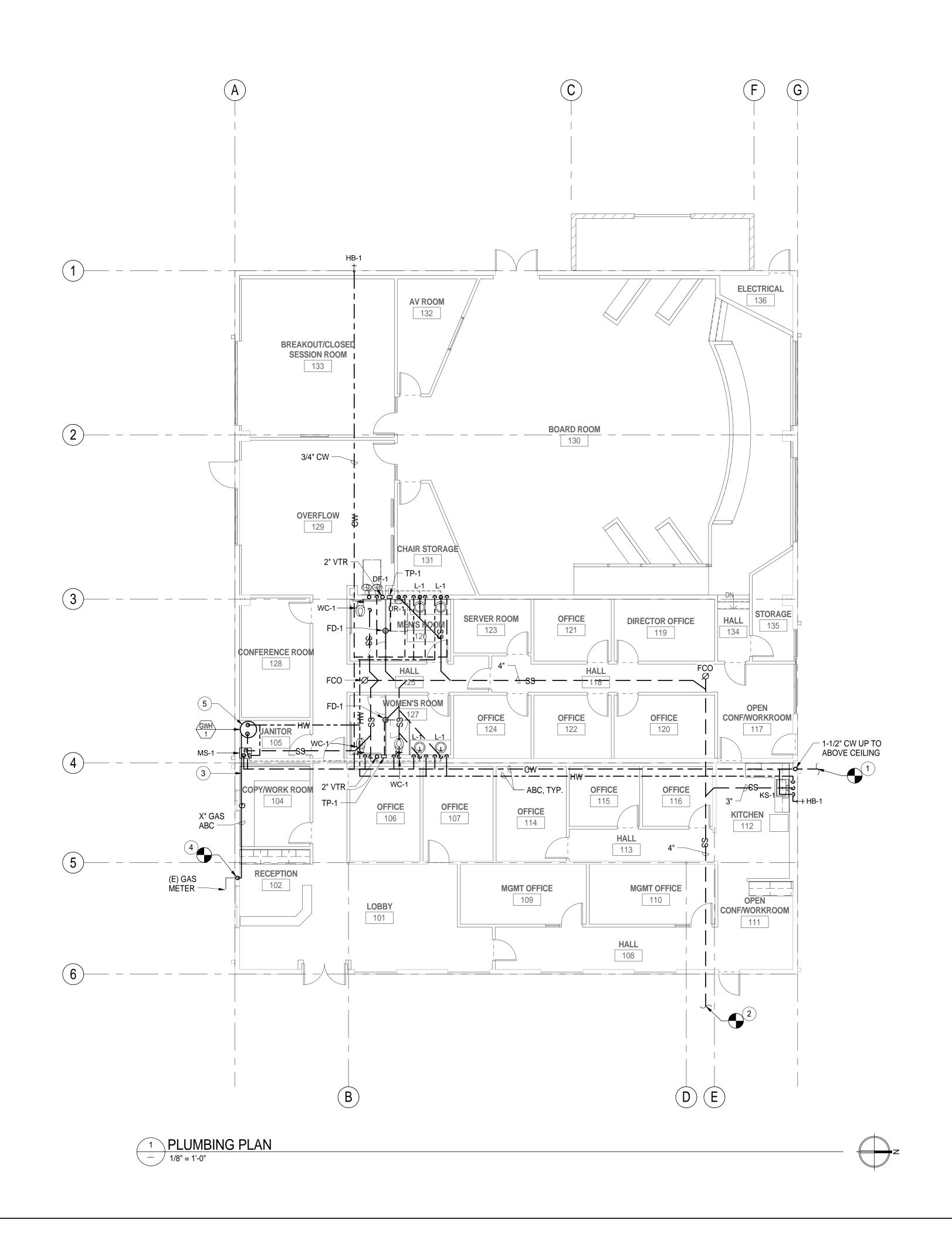
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### KEYNOTES:

- 1 POINT OF INTERCONNECTION BETWEEN THIS CONTRACTOR AND (E) PROJECT CONTRACTOR SHALL BE AT A PULLBOX LOCATED 5'-0" OUTSIDE THIS BUILDING. PULLBOX PROVIDED BY THIS CONTRACTOR.
- 2 (E) PROJECT CONTRACTOR SHALL EXTEND CONDUCTORS TO PANEL HA IN CONDUIT PROVIDED BY THIS CONTRACTOR. FINAL CONNECTION OF CONDUCTORS AT PANEL HA SHALL BE BY THIS CONTRACTOR.

_UMBIN	G ABBREVIATIONS			PLUMBING SY	MBOLS				FIXT	URE CONN	IECTIONS (	(INCHES)			CAG	REEN BUII	DING STAN	DARD			
SYMBOL	DESCRIPTION	SYMBOI	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIP	TION	FIXTURE SY		WASTE ( NCH OUTLET BR	COLD WATER	HOT WATE						Capital Expendi Gateway Oaks I	iture Managers	
A ABC AD	COMPRESSED AIR ABOVE CEILING AREA DRAIN	ICW IE IW	INDUSTRIAL COLD WATER INVERT ELEVATION INDIRECT WASTE	ـــــــــــــــــــــــــــــــــــــ	140° HOT WATER		PIPE RISER		(FV)	WC 2 4		-1/4 1 1 3/4	-	- 1. Pl - C( At			LLED THAT REDUCE <sup>-</sup> -CULATION BELOW. (1		Suite 300 Sacramento, CA (916) 648-9700	A. 95833	
AFF AFG AFP	ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ABOVE FINISHED PAVEMENT	KEC KS	KITCHEN EQUIPMENT CONTRACTOR KITCHEN SINK	□====180°=====	180° HOT WATER		PIPE DROP			LV 1-1/2 2 SS 2 3		1     3/4       3/4     1/2       3/4     3/4	- 3/4 1 3/4 3	2. Pl /2 Pl	RODUCTION BY	20% (CGBS 5.303.4)					
ASH AV AW	AUTOMATIC SPRINKLER HEAD ACID VENT ACID WASTE ABOVE GRADE OR	MECH MO	MECHANICAL MOTOR OIL	——————————————————————————————————————	COMPRESSED AIR		PIPE CAP		SINK, 3" KITCHEN SINK	S 2 3		3/4     3/4       3/4     3/4	3/4 3	RI		TABLE 5.303.6 BELC	NGS SHALL MEET THE DW. (CGBS 5.303.6)	STANDARDS			
	FLOOR BALL VALVE	MPG MTD	MEDIUM PRESSURE GAS MOUNTED	AV=====	ACID VENT		3 WAY VALV	/E	TRAP	FD 2 3	3		-	-		TABLE 5.3 STANDARDS FOR FIXTURES AND FIXT	R PLUMBING				
BEL BFF	BELOW BELOW FINISHED FLOOR	(N) NTS	NEW NOT TO SCALE	AW	ACID WASTE			S VALVE OR COCK		HB		1/2         1/2           3/4         3/4	-			REQUIRED S	ASME A 112.19.2				
BFV	BELOW FINISHED GRADE BUTTERFLY VALVE BUILDING	OD OFCI	OVERFLOW DRAIN OWNER FURNISHED, CONTRACTOR	CD	CONDENSATE PIPING				DRINKING FOUNTAIN	DF 1-1/2 2	1-1/2	3/4 1/2	-	- WATER C	IGLE FLUŠH, MAXIMU CLOSETS (TOILETS) -	FLUSHOMETER	CSA B45.1-1.28 GAL (4.8 L ASME A 112.19.14 AND US EPA WATERSENSE TA	·			
	BALANCING VALVE	OFL OFOI	INSTALLED OVERFLOW LEADER ABOVE GRADE OWNER FURNISHED, OWNER	СНО	CHASSIS OIL		BUTTERFLY							FLUSH V			HIGH-EFFICIENCY TOILE SPECIFICATION -1.28 GAI	Г - (4.8 L)			
CD CHO	CONDENSATE PIPING CHASSIS OIL CEILING	OH OR	INSTALLED OVERHEAD ON ROOF	centre (C)SP	COMBINATION STANDPIPE	<u>,</u> ¢⊕()	BALL VALVE	5							CLOSETS (TOILETS) -		HIGH-EFFICIENCY TOILET ASME A 112.19.2 CSA B45.1-0.5 GAL (1.9 L)				
CO, WCO CONN	CLEAN OUT, WALL CLEANOUT CONNECT/CONNECTION	OS & Y	OUTSIDE SCREW AND YOKE	CW	COLD WATER		GATE / GLO	BE / CHECK VALVE						URINALS	, NONWATER URINAL	S	ASME A 112.19.19 (VITRE ANSI Z124.9-2004 OR IAP!	DUS CHINA) MO Z124.9 (PLASTIC)			
	CONTINUATION COMBINATION STANDPIPE COLD WATER	PD PG PH	PUMP DISCHARGE PRESSURE GAUGE PHASE	CWV	COMBINED WASTE AND VENT		CONCENTR	IC REDUCER / TRANSITION						FLOW RA	AVATORY FAUCETS: ATE - 0.5 GPM (1.0 L) F IG CYCLE		ASME A 112.18.1 / CSA B1	25.1			
CWH	COLD WATER HEADER COMBINED WASTE AND VENT	PLBG PLD PO	PLUMBING PLANTER DRAIN PLUGGED OUTLET	sector(D)SP====	DRY STANDPIPE		ECCENTRIC	REDUCER						MAXIMU	/IETERING SELF-CLO M WATER USE - 0.25 ( IG CYCLE		ASME A 112.18.1 / CSA B1	25.1			
DA	DROP DENTAL AIR	POC PRS	POINT OF CONNECTION PRE-RINSE SINK	تـــــــDA	DENTAL AIR		FLEXIBLE P	IPE							ITIAL BATHROOM LA\ S: MAXIMUM FLOW R/ N)		ASME A 112.18.1 / CSA B1	25.1		SOCIATION 28	
DF DIA DIA	DRINKING FOUNTAIN DIAMETER DIAMETER	PRV PS PSW	PRESSURE RELIEF VALVE POT SINK PRESSURE SWITCH	DV	DENTAL VACUUM		RELIEF VAL	VE												VERVIENT	
DN DSP DV	DOWN SRY STANDPIPE DENTAL VACUUM	(R) RD	RISER, RISE ROOF DRAIN	F=====	FIRE SERVICE		SOLENOID	VALVE		1			S WATEF		SCHEDU	JLE	1			NES ES	Ц Ц
DW DWG	DISHWASHER DRAWING	REC REQD	RECESSED REQUIRED	FW	FIRE WATER		STRAINER		SYMBOL	MFG	MODEL	TANK CAPACITY (GAL.)	INPUT (BTU/HR)	RECOVERY GPH @ 80°F	DIAMETER	HEIGHT	WEIGHT	NOTES			
(E) EL	EXISTING ELEVATION	REV RM RWL	REVISION ROOM RAIN WATER LEADER ABOVE GRADE	G	LOW PRESSURE GAS		STRAINER		GWH 1	"STATE" STATESMAN	SUF60-120-E	65 GAL	120,000	100	27.75"	55.5"	460			×	
ELEC EQUIP EWC	ELECTRICAL EQUIPMENT ELECTRIC WATER COOLER	SA/WHA		GW	GREASE WASTE	-0	PRESSURE	GAUGE					PLUMBIN		RES		· · ·				CIA
	PER FOOT	SCW SHW	HAMMER ARRESTOR SOFT COLD WATER SOFT HOT WATER	H	HALON		TEMPERATI	URE GAUGE	TAG	DESCRIPTION	MAN	UFACTURER	MODE	L NO.	FLOW RATE		NOTES		RAT	A C A	ASSO
F FA FB	FIRE SERVICE FROM ABOVE FROM BELOW	SOV SP	SHUT OFF VALVE STANDPIPE FIRE SPRINKLER DRAIN		HALON UNDERFLOOR SPACE	<u>د المعالم الم</u>	EXPANSION	I JOINT		WATER CLOSET SEAT	KOHLER KOHLER		K-4325 K-4731-C		1.28 GPF 		COS HE FLUSHOMETE DE 310 SERIES CLOS	,	OPE	CO	AS AS
	FLEXIBLE CONNECTOR FLOOR CLEANOUT FLOOR DRAIN	SPEC SS	SPECIFICATION STAINLESS STEEL / SERVICE SINK / SANITARY SEWER	HPG	HIGH PRESSURE GAS		FLANGE			WATER CLOSET SEAT	KOHLER KOHLER		K-4405 K-4731-C		1.28 GPF 			R, BATTERY POWERED		, CHI	<b>           </b>
FDC FFE	FIRE DEPARTMENT CONNECTION FINISHED FLOOR ELEVATION FIRE HYDRANT	SSD STD	SUB SOIL DRAIN STANDARD	HW	HOT WATER					URINAL	KOHLER		K-4904-E1		0.125 GPF	WADE 400 UNI	/ERSAL CARRIER WIT		TRANS		NNO:
FHC FHR	FIRE HOSE CABINET FIRE HOSE RACK	STR STRUC SW	STRAINER STRUCTURAL SOFTENED WATER	HWR	HOT WATER RETURN		INLINE PUM	IP	L-1	LAVATORY	KOHLER		K-2196 EFC-250.5 K-2007	00.0000	0.5 GPF	WATTS 389 412	TV TANK SUPPLY KIT	N PLUG, 704-1 P-TRAP 	JAL NAL	יט SSI L	Ц
FHV FLR FS	FIRE HOSE VALVE FLOOOR FLOOR SINK	(TA) (TB)	TO ABOVE TO BELOW		INDUSTRIAL COLD WATER	DESCRIPTION	SYMBOL	DESCRIPTION		FAUCET	SLOAN ELKAY	_	EFC-250.5	2	0.5 GPF	WATTS 389 412 6" DEPTH DOU	TV TANK SUPPLY KIT BLE COMPARTMENT TV TANK SUPPLY KIT	- SINK,		1H 9	
FSR FSW FTK	FIRE SPRINKLER RISER FLOW SWITCH FLUSH TANK	T T TEMP	THERMOMETER TEMPERATURE	IW	INDIRECT WASTE			VIEW NUMBER /		FAUCET SINK FAUCET	CHICAGO KOHLER ZURN	-	2303-E35/ K-6710 Z842M1 C		2.25 GPM	DEARBORN BR	ASS L7 STRAINER, 70			32	
FU FV	FIXTURE UNIT FLUSH VALVE	TMV TOC TP	THERMOSTATIC MIXING VALVE TOP OF CONCRETE TRAP PRIMER, TRAP		MOTOR OIL	MATCH LINE	1 / M101A 1 / M101B	SHEET NUMBER SHADED PORTION IS SIDE CONSIDERED		DRINKING FOUNT			1119.14		0.5 GPM	WALL MOUNTE	D DRINKING FOUNTA	IN			
FW G	FIRE WATER	TPRV TW	TEMPERATURE AND PRESSURE RELIEF VALVE TEMPERED WATER		MEDIUM PRESSURE GAS				GENER	AL NOTES:											
GCO	GALLONS GRADE CLEANOUT BLOVE VALVE	TYP UF	TYPICAL	OFL PD	OVERFLOW LEADER	VIEW		VIEW NUMBER	1. ALL	WORK SHALL COM	PLY WITH ALL APPL							TED ACCORDING TO			RUCTION
GPM	GALLONS PER MINUTE GAS PRESSURE REGULATOR GATE VALVE IN VALVE BOX	UG UL	UNDERGROUND UNDERWRITERS' LABORATORIES		PUMP DISCHARGE	REFERENCE		SHEET NUMBER	2013	BORE RESTRAINT: A CBC AND ASCE 7-1	10.	HALL UUNFUKM			, וחבאברע, וחבאברע	THE, OLIGIVIIU KEOI	INGINI O WAT DE UMII	יבש הטטטרטוועט וע			
GW	GREASE WASTE BELOW GRADE OR FLOOR	UR US	URINAL UNDER SLAB		SOFT COLD WATER		<b>_</b>		2. A Li 3. N	LL PIPING EXCEPT ENGTH FROM THE <sup>-</sup> O TRAPEZE ASSEM	FUEL PIPING, 2-1/2' TOP TO THE BOTTO IBLIES SHALL BE US	OM OF THE ATTAC SED TO SUPPOR	CHMENT TO STR T PIPES OR DUC	JCTURE. IS.						ONSTRU	
H HB	HALON HOSE BIBB	V(R) VB VCP	VENT (RISER) VALVE BOX VITRIFIED CLAY PIPE	SCW SCW	SOFT COLD WATER	OFOTION		SECTION IDENTIFIER	4. W M	/HERE LATERAL, RE IOTION OF THE PIPI	ESTRAINTS ARE ON ING OR DUCT WILL ERS, OR LOSS OF \	/ITTED, PIPING AI NOT CAUSE DAM	ND DUCTS SHAL 1AGE IMPACT WI	L BE INSTALLED		ERAL			BUILDINGS:		
HH HPG HR	HALON UNDERFLOOR SPACE HIGH PRESSURE GAS HOUR	VTR	VENT THRU ROOF	SHW SHW	SOFT HOT WATER	SECTION	XXXX	SHEET NUMBER									LAME SPREAD/SMOK JACKETS AND ADHE		F		
	HANK SINK HEIGHT	W W W/	WASTE WET STAND PIPE WITH	SP SP				EQUIPMENT TYPE	PEN	ETRATIONS SHALL		REQUIREMENTS	. MANUFACTUR	R PREAPPROVE	D UL PENETRA		PPED. FIRESTOPPING ERIAL AND SURFACE	OF ALL PIPE PENETRATED SHALL		BREVIATIO BOLS & N	,
	HEATER HOT WATER HOT WATER RETURN	W/O WC WD	WITHOUT WATER CLOSET WASTE OIL DRAINAGE		FIRE SPRINKLER DRAIN	EQUIPMENT TAG (PLANS)			5. COO							NGS AND ELEMENT	S AS INSTALLED, INC	LUDING EXISTING	SCALE:	1/2 1 BAR DRAWIN SHEET, A	IS ONE INCH ON ORIGINAL 4G. IF NOT ONE INCH ON THI 4DJUST SCALES ACCORDING
		WF	WASH FOUNTAIN WATER HEATER	SSD SW	SUB SOIL DRAIN	EQUIPMENT TAG (SCHEDULES &	WC3-4	EQUIPMENT TYPE - NUMBER	B. Al		THRU ROOF, WALL	S AND FLOORS.							REVISIO		
		WHA WOR WOV	WATER HAMMER ARRESTOR WASTE OIL RECOVER WASTE OIL VENT	SW TP	SOFTENER WATER	DIAGRAMS)			6. ALL					VES OR OTHER [		RING ACCESS FOR	OPERATION OR MAIN	ITENANCE SHALL	No.	Description	Date
				TP> TW>		POINT OF CONNECTION	6		7. ANY	DAMAGE TO EXIST		CHITECTURAL, S	TRUCTURAL, ME	,	ELECTRICAL SY	STEMS THAT OCCU	JRS DURING THE WO	RK SHALL BE			
					TEMPERED WATER				8. LOC	ATIONS, SIZES AND	D DEPTHS SHOWN F	FOR ALL EXISTING	G UTILITIES AND	EQUIPMENT SHO			ONTRACTOR SHALL F ED TO PRIOR TO BEG		JOB NO.	SHEET	
						1			1										- I I		

SHEEL	I IIILE:			
		PLUMBI BREVIAT BOLS &	TIONS	
SCALE	0 		BAR IS ONE INCH RAWING. IF NOT ON EET, ADJUST SCALI	NE INCH ON THIS
RE	EVISI	ONS		
No.		Description		Date
OB NO	).	SHEET		
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ATE			'UU'	



## (#) <u>KEYNOTES</u>

- 2/P201. 4 CONNECT X" GAS TO (E) GAS LINE.
- RECOMMENDATIONS.

### GENERAL NOTES:

- 5. FOR SAW CUTTING EXISTING SLAB, SEE A\_\_\_\_\_.

W/REDUCER (TYP.)

FLUE VENT, COORDINATE FLUE SIZE/ROOF PENETRATION WITH WATER HEATER MANUFACTURER	
THERMOMETER	
TPRV "WATTS" #40XL RUN HARD TEMPER COPPER DISCHARGE TO MOP SINK	
FLEXIBLE PIPE CONNECTOR	
DRAIN	
ANGLE CLIPS BOLT W/ <sup>1</sup> / <sub>2</sub> " x3"L LAG BOLTS (TYP.)	_
SHUT-OFF GAS VALVE	
6" LONG DIRT LEG	
<u>NOTES:</u> 1. OFFSET FLUE TO CLEAR COMB. AIR DUCTS AND CAP. 2. ALLOW SPACE/CLEARANCE	

FOR MAIN WATER LINE AND GAS WITHIN THE ROOM.



1 CONNECT 1-1/2" CW TO EXISTING CW LINE OUTSIDE OF BUILDING. FIELD VERIFY POINT OF CONNECTION. 2 CONNECT 4" SS TO EXISTING SS LINE OUTSIDE OF BUILDING. FIELD VERIFY POINT OF CONNECTION. 3 CONNECT X" GAS TO GWH-1 WITH SHUT-OFF GAS VALVE AND 6" LONG DIRT LEG AS SHOWN IN DETAIL

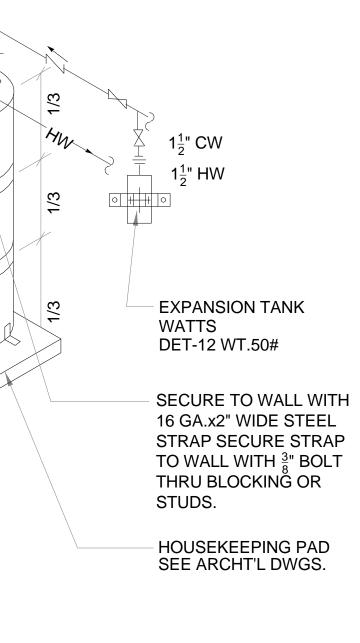
5 PROVIDE COMBINATION FLUE VENT AND COMBUSTION AIR INTAKE PER MANUFACTURER

1. PLUMBING PIPES SHOWN OUT OF WALL FOR CLARITY PURPOSES.

2. EXISTING PLUMBING PIPE LOCATIONS ARE ESTIMATE FROM FIELD SURVEY, CONTRACTOR SHALL VISIT THE SITE TO VERIFY ALL EXISTING CONDITIONS PRIOR TO SHOP DRAWING PREPARATION.

3. ALL PIPING LOCATED IN WALLS OR ABOVE CEILING HAVING SHUT OFF VALVES OR OTHER DEVICES REQUIRING ACCESS FOR OPERATION OR MAINTENANCE SHALL BE PROVIDED WITH ACCESS DOORS OF ADEQUATE SIZE FOR SERVICE.

4. DESIGN DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW ALL OFFSETS, BENDS, ELBOWS AND OTHER ELEMENTS THAT MAY BE REQUIRED. THE DRAWINGS SHOW THE GENERAL ARRANGEMENT OF EQUIPMENT, PIPE, ETC., AND SHALL BE FOLLOWED AS CLOSELY TO THE ACTUAL BUILDING CONSTRUCTION AND THE WORK FROM OTHER TRADES SHALL PERMIT. CONTRACTOR WILL PROVIDE ALL NECESSARY ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.



Capital Expenditure Managers Gateway Oaks Drive Suite 300 Sacramento, CA. 95833 (916) 648-9700	
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BUTTE REGIONAL TR/ CENT 326 HUSS LANI	BUTTE COL G(
PROJECT STATUS:	
50% CONSTRUC DOCUMENT BUILDINGS:	
SHEET TITLE: PLUMBING FLOO WITH PLUMB FIXTURES LOC	ING
SCALE: DRAWING. SHEET, ADJ	DNE INCH ON ORIGINAL IF NOT ONE INCH ON THIS JST SCALES ACCORDINGLY
REVISIONS No. Description	Date
JOB NO. SHEET	