

	PROJECT DATA :				
	PROJECT DESCRIPTION, ACCESSORY DWELLING UNIT PLAN #1 - 23-TADU-001 GABLE, CONTEMPORARY, AND CRAFTSMAN W/PORCH OPTION		JOF	FRES	
	PROJECT ADDRESS: PRE APPROVED STANDARD PLAN (PER BUILDING PERMIT APPLICATION) ZONING: PRE APPROVED STANDARD PLAN (PER BUILDING PERMIT APPLICATION) CONSTRUCTION TYPE: TYPE V-B				1
	BUILDING AREA, (N) FIRST LEVEL = ADU: 340 SF PORCH (OPTION): 50 SF LOT COVERAGE, PRE APPROVED STANDARD PLAN (PER BUILDING PERMIT APPLICATION) NUMBER OF STORIES, SINGLE STORY RESIDENTIAL COOLIDATION SOCIAL DESCRIPTION (PER BUILDING PERMIT APPLICATION)			er	0
	OCCUPANCY: R3 OCCUPANCY GROUP BUILDING HEIGHT: PER PLAN (SEE ELEVATIONS)				*
	DRAWING INDEX:	2			85
	T.1 TITLE SHEET, PROJECT DATA, AND SITE PLAN GC.1 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (RESIDENTIAL MANDATORY MEASURES) ARCHITECTURAL DRAWINGS.				8
	A.1 FLOOR PLAN (W/PORCH OPTION) A.2 GABLE BUILDING ELEVATIONS (W/PORCH OPTION)		PRORATE	•	~
	 A.3 CRAFTSMAN BUILDING ELEVATIONS (W/PORCH OPTION) A.4 CONTEMPORARY BUILDING ELEVATIONS (W/PORCH OPTION) A.5 ARCHITECTURAL DETAILS 		MATE	D 0C1.	
	STRUCTURAL DRAWINGS. S.1 FOUNDATION PLAN AND BRACED WALL FRAMING PLAN (W/PORCH OPTION)				
	 S.2 ROOF FRAMING PLAN AND CEILING JOIST FRAMING PLAN FOR GABLE AND CRAFTSMAN (W/PORCH OPTION) S.2.1 ROOF FRAMING PLAN AND BUILDING SECTION FOR GABLE AND CRAFTSMAN (W/PORCH OPTION) (TRUSS OPTION) S.3 ROOF FRAMING PLAN AND CEILING JOIST FRAMING PLAN FOR CONTEMPORARY (W/PORCH OPTION) 	PLA	NNING AND	DEVELO	OPMENT
	S.4 BUILDING SECTIONS FOR GABLE, CRAFTSMAN, AND CONTEMPORARY (W/PORCH OPTION) S.5 STRUCTURAL DETAILS		FRESNO 2600 FRES	CITY HA	LL EET
	S.6 TJI JOIST MANUFACTURER INSTALLATION DETAILS UTILITY DRAWINGS: P.1 PLUMBING PLAN AND DETAILS	╞		FLOOR	
	M.1 MECHANICAL PLAN AND DETAILS M.2 ENERGY DOCUMENTATION (GABLE/CRAFTSMAN)			21-8084	
	M.3 ENERGY DOCUMENTATION (CONTEMPORARY) E.1 ELECTRICAL PLAN AND DETAILS PV.1 PHOTOVOLTAIC SOLAR PLAN AND SINGLE LINE DIAGRAM	THES	© 2023 CIT	Y OF FRESNO	
	PV.2 PHOTOVOLTAIC SOLAR EQUIPMENT SPECIFICATION PV.3 PHOTOVOLTAIC SOLAR EQUIPMENT SPECIFICATION	ARRANG SOLE AN ARE DE CONI	E DRAWINGS, DESIGNS SKE EMENTS, AND OTHER INFO ID EXCLUSIVE PROPERTY C ELIVERED AND ACCEPTED E DITION THAT NEITHER THES NED THEREIN WILL BE THEF	RMATION CONTAINED F CITY OF FRESNO. T Y YOU IN TRUST AND E DOCUMENTS OR TH	THEREIN, ARE THE HESE DOCUMENTS ON THE EXPRESS E INFORMATION
N		DELIVER	ED TO OTHERS, EXCEPT AS FI	SPECIFICALLY INSTR RESNO.	КЕРКОДОСЕД, OR CUCTED BY CITY OF
ËLY	CODE COMPLIANCE & INSPECTION PER	PROJ		000	
	CITY OF FRESNO: code reference,		CCE	550	KY
) 2	CALIFORNIA BUILDING CODE 2022 (CBC) CALIFORNIA RESIDENTIAL CODE 2022 (R) OR (CRC) CALIFORNIA GREEN BUILDING STANDARD CODE 2022 (CGBSC)		DWE	LLIN	IG
IS	CALIFORNIA MECHANICAL CODE 2022 (CMC) CALIFORNIA ELECTRICAL CODE 2022 (CEC) CALIFORNIA PLUMBING CODE 2022 (CPC) CALIFORNIA ENERGY CODE 2022 (CEC)				
D	PER JURISDICTION 1. ALL CONSTRUCTION SHALL CONFORM TO CALIFORNIA BUILDING CODE 2022 PERTAINING TO TYPE VB		U	NIT	
i, IS	CONSTRUCTION AND ALL OTHER APPLICABLE CODES. 2. AN APPROVED SET OF DRAWINGS BEARING THE STAMP OF THE CITY OF FRESNO BUILDING AND SAFETY DEPARTMENT SHALL BE AVAILABLE ON THE CONSTRUCTION SITE AT ALL TIMES. ALL APPROPRIATE AND NECESSARY DEPARTMENT OF BUILDING AND SAFETY PERMITS MUST BE POSTED AT ALL TIMES.	(U-0 ()1)
E	GENERAL CONSTRUCTION NOTES:				
	 PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, EACH TRADE SHALL VERIFY ALL MEASUREMENTS AT THE BUILDING AND SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE SAME. NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED ON ACCOUNT OF DIFFERENCES BETWEEN ACTUAL DIMENSIONS AND THE 		PL/	AN 1	
	MEASUREMENTS INDICATED ON THE DRAWINGS; ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS WHICH MAY BE FOUND SHALL BE SUBMITTED TO THE ARCHITECT FOR CONSIDERATION AND CLARIFICATION BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THE CONTRACT DOCUMENTS.				
	2. ALL OF THE CITY OF FRESNO BUILDING DEPARTMENT'S DRAWINGS AND CONSTRUCTION NOTES ARE COMPLIMENTARY AND WHAT IS CALLED FOR WILL BE BINDING AS IF CALLED FOR BY ALL; ANY WORK SHOWN OR REFERRED TO ON ANY ONE DRAWING SHALL BE PROVIDED AS THOUGH SHOWN ON ALL DRAWINGS.				
	3. THE WORK TO BE PERFORMED CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, TOOLS, TRANSPORTATION, SUPPLIES, FEES, MATERIALS AND SERVICES IN ACCORDANCE WITH THESE NOTES AND DRAWINGS; AND INCLUDES PERFORMING ALL OPERATIONS NECESSARY TO CONSTRUCT AND INSTALL COMPLETE, IN SATISFACTORY CONDITION, THE VARIOUS MATERIALS AND EQUIPMENT AT THE LOCATIONS SHOWN.				
	 ALL DIMENSIONS TO FROM STUD TO STUD; OR CENTER OF STUD TO CENTER OF STUD (UNLESS OTHERWISE NOTED). CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS FOR CLEARANCES AND NOTIFY CITY OF FRESNO BUILDING DEPARTMENT OF ANY DISCREPANCIES BETWEEN DRAWINGS AND ACTUAL CONDITIONS. 				
	 FULL SIZE OR LARGE SCALE DETAILS OR DRAWINGS SHALL GOVERN SMALL SCALE DRAWINGS WHICH THEY ARE INTENDED TO AMPLIFY. THE STANDARD SPECIFICATIONS OF THE MANUFACTURER FOR PRODUCTS CALLED FOR IN THE DRAWINGS AND 				
	 NOTES ARE HEREBY MADE A PART OF THESE NOTES WITH THE SAME FORCE AND EFFECT AS THOUGH HEREIN WRITTEN OUT IN FULL. 8. ALL MATERIALS REQUIRED FOR THE PERFORMANCE OF THIS WORK SHALL BE NEW AND OF THE BEST QUALITY OF THE KINDS SPECIFIED. THE USE OF OLD OR SECOND HAND MATERIALS IS STRICTLY FORBIDDEN, EXCEPT FOR 				
	LOCATIONS ON THE DRAWINGS THAT REFER TO REMOVAL AND RELOCATION OF MATERIALS OR EQUIPMENT. MATERIALS SHALL BE USED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. THE CONTRACTOR SHALL SUBMIT ALL PRODUCT WARRANTIES. THE CONTRACTOR WILL WARRANTY ALL WORK AS PER APPLICABLE		RE	/ISIONS	
	 REGULATIONS. 9. PLUMBING, ELECTRICAL AND MECHANICAL WORK SHALL BE PERFORMED BY A LICENSED MEMBER OF THE RESPECTIVE TRADE. 10. ALL INSURANCE COSTS AND COSTS ASSOCIATED WITH PERMITS, INSPECTION AND SIGN-OFFS SHALL BE AT THE 	NO.	DESCRIPTION TRUSS FRAMING OPTIO	N FOR GABLE &	DATE
	CONTRACTORS COST. 11. CERTIFICATES OF INSURANCE ARE REQUIRED FROM THE LICENSED ELECTRICIAN, LICENSED PLUMBER, AND THE GENERAL CONTRACTOR FOR THE AMOUNTS SPECIFIED BY THE CONTRACT.		CRAFTSMAN		08/04/23
- 1	 ALL CONTRACTORS, SUB-CONTRACTORS AND OTHERS WORKING ON THE PROJECT SHALL SUBMIT WAIVERS OF LIENS SIGNED AT THE COMPLETION OF THEIR WORK. THE PREMISES AND JOB SITE SHALL BE MAINTAINED IN A REASONABLY NEAT AND ORDERLY CONDITION AND KEPT FREE FROM ACCUMULATIONS OF WASTE MATERIALS AND RUBBISH DURING THE ENTIRE CONSTRUCTION PERIOD. 				
	THE CONTRACTOR SHALL REMOVE ALL CRATES, CARTONS AND OTHER TRASH FROM THE WORK AREAS EACH DAY, AND SHALL BE RESPONSIBLE FOR ITS PROPER DISPOSAL. THE PREMISES SHALL BE PROTECTED THROUGHOUT CONSTRUCTION AND SHALL BE TURNED OVER IN SPOTLESS AND ORDERLY CONDITION. ALL FIXTURES AND				
	 EQUIPMENT WILL BE LEFT IN UNDAMAGED, BRIGHT, CLEAN AND POLISHED CONDITION. 14. CONSTRUCTION WORK WILL BE CONFINED TO THE AREAS DESIGNATED ON THE DRAWINGS AND WILL NOT CREATE DUST, DIRT OR OTHER INCONVENIENCES TO OTHER SPACES. 15. PROVIDE APPROVED JOB SITE TOILET THAT IS AVAILABLE TO ANYONE INVOLVED IN CONSTRUCTION ACTIVITIES. 				
	16. THE CONSTRUCTION SHALL NOT RESTRICT A FIVE-FOOT CLEAR AND UNOBSTRUCTED ACCESS TO ANY WATER OR POWER DISTRIBUTION FACILITIES (POWER POLES, PULL-BOXES, TRANSFORMERS, VAULTS, PUMPS, VALVES, METERS, APPURTENANCES, ETC.) OR TO THE LOCATION OF THE HOOK-UP. THE CONSTRUCTION SHALL NOT BE WITHIN TEN			OVAL STAN	I IP
	 FEET OF ANY POWER LINES-WHETHER OR NOT THE LINES ARE LOCATED ON THE PROPERTY. FAILURE TO COMPLY MAY CAUSE CONSTRUCTION DELAYS AND/OR ADDITIONAL EXPENSES. 17. NOTHING SHALL INTERFERE WITH THE RIGHTS, COMFORTS, OR CONVENIENCES OF ANY NEIGHBORS. NO CONSTRUCTION WORK, REPAIR WORK, OR OTHER INSTALLATION INVOLVING NOISE SHALL BE CONDUCTED EXCEPT 				
	 CONSTRUCTION WORK, REPAIR WORK, OR OTHER INSTALLATION INVOLVING NOISE SHALL BE CONDUCTED EXCEPT ON CITY APPROVED WORK DAYS/HOURS, UNLESS SUCH CONSTRUCTION OR REPAIR WORK IS NECESSITATED BY AN EMERGENCY, OR OTHERWISE AGREED TO BY OWNER. 18. PROVIDE ALL TEMPORARY AND PERMANENT SHORING AS REQUIRED IN STRUCTURAL DRAWINGS. 				
	 ALL WOOD FLOORS TO BE SECURED AS REQUIRED TO PREVENT CREAKING. ALL HOLES TO BE PATCHED. PROVIDE GUTTERS AND DOWNSPOUTS AS REQUIRED. WEATHER STRIP EXTERIOR DOORS FROM HEATED SPACES. 				
	22. UPON COMPLETION OF PROJECT, PREMISES SHALL BE LEFT BROOM CLEAN, SWEPT FREE OF DIRT AND DUST, ALL GLASS TO BE CLEAN, ALL FIXTURES AND APPLIANCES MADE FULLY OPERATIONAL, ALL SYSTEMS, (ELECTRICAL, PLUMBING, HVAC, ETC.) TO BE MADE FULLY OPERATIONAL AND BALANCED. ALL WARRANTIES AND MANUALS OF SYSTEMS REVIEWED WITH AND GIVEN TO OWNER.				
	 ALL WORK SHALL BE SUBJECT TO FINAL INSPECTION BY THE CITY OF FRESNO BUILDING DEPARTMENT. A COPY OF THE EVALUATION REPORT AND/OR CONDITIONS OF LISTING SHALL BE AVAILABLE AT THE JOB SITE. MATERIALS DELIVERED TO THE CONSTRUCTION SITE SHALL BE PROTECTED FROM RAIN OR OTHER SOURCES OF 				
	MOISTURE. 26. AN OPERATION AND MAINTENANCE MANUAL FOR ANY NEWLY INSTALLED EQUIPMENT, APPLIANCES, HVAC SYSTEM, PHOTOVOLTAIC SYSTEM, ELECTRIC VEHICLE CHARGERS, WATER HEATING SYSTEM, LANDSCAPE IRRIGATION AND				
-	OTHER MAJOR APPLIANCES AND EQUIPMENTS, SHALL BE PROVIDED IN THE BUILDING AT THE TIME OF FINAL INSPECTION. FIRE PROTECTION NOTES:				
	1. ALL BUILDING MATERIALS STORED AT THE CONSTRUCTION SITE AND/OR INSIDE THE BUILDING ARE TO BE SECURED IN A LOCKED AREA. ACCESS TO SUCH AREAS TO BE CONTROLLED BY THE OWNER AND/OR THE GENERAL				
	CONTRACTOR. 2. ALL MATERIALS ARE TO BE STORED IN AN ORDERLY MANNER. 3. ALL FLAMMABLE MATERIALS TO BE KEPT TIGHTLY SEALED IN THEIR RESPECTIVE CONTAINERS. SUCH MATERIALS ARE TO BE KEPT AWAY FROM ALL HEAT SOURCES.				
	 ARE TO BE KEPT AWAY FROM ALL HEAT SOURCES. ALL FLAMMABLE MATERIALS TO BE USED AND STORED IN AN ADEQUATELY VENTILATED SPACE. ALL ELECTRICAL POWER TO BE SHUT OFF WHERE THERE IS EXPOSED CONDUIT. ALL ELECTRICAL POWER IN THE CONSTRUCTION AREA TO BE SHUT OFF AFTER WORKING HOURS. 				·
	 ALL ELECTRICAL POWER IN THE CONSTRUCTION AREA TO BE SHUT OFF AFTER WORKING HOURS. THE CONTRACTOR WILL AT ALL TIMES MAKE SURE THAT THERE IS NO LEAKAGE OF NATURAL GAS IN THE BUILDING, OR ANY FLAMMABLE GAS USED IN CONSTRUCTION. PROVIDE A CLASS A,B OR C FIRE-RETARDANT ROOF COVERING PER SECTION (R 902.1). 				'
	 9. ON SITE FIRE PROTECTION EQUIPMENT (SUCH AS EXTINGUISHER) WILL BE KEPT READILY AVAILABLE AT ALL TIMES. 10. IF FIRE SPRINKLER SYSTEM IS REQUIRED, FIRE SPRINKLER SYSTEM SHALL BE APPROVED BY CITY OF FRESNO FIRE DEPARTMENT PRIOR TO INSTALLATION. 				'
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		JOB# :			_
		DATE: SCALE	TADU-001 SHE 4-Aug-23 : AS NOTED BY: IRG	et no. T	1

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE RESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2023) SECTION Y N/A RESPON. PARTY SECTION 4.5 ENVIRONMENTAL QUALITY SECTION 4.501 GENERAL TABLE 4.504.3 - VOC CONTENT LIMITS FOR N/A RESPON. ARCHITECTURAL COATINGS2,3 4.501.1 SCOPE MS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COM THE PROVISIONS OF THIS CHAPTER SHALL OUTLINE MEANS OF REDUCING THE QUALITY OF AIR CONTAMINANTS THAT ARE ODOROUS, IRRITATING AND/OR HARMFUL TO THE COMFORT AND WELL COATING CATEGORY VOC LIMIT LUES BEING OF A BUILDING'S INSTALLERS, OCCUPANTS AND NEIGHBORS SECTION 4.502 DEFINITIONS I-FLAT COATINGS 5.102.1 DEFINITIONS NFLAT-HIGH GLOSS COATING THE FOLLOWING TERMS ARE DEFINED IN CHAPTER 2 (AND ARE INCLUDED HERE FOR REFERENCE) (GPM) SPECIALTY COATINGS AGRIFIBER PRODUCTS, AGRIFIBER PRODUCTS INCLUDE WHEATBOARD, STRAWBOARD, PANEL SUBSTRATES AND DOOR CORES, NOT INCLUDING FURNITURE, FIXTURES AND EQUIPMENT (FF&E) NOT UMINUM ROOF COATINGS CONSIDERED BASE BUILDING ELEMENTS ASEMENT SPECIALTY COATINGS 400 COMPOSITE WOOD PRODUCTS. COMPOSITE WOOD PRODUCTS INCLUDE HARDWOOD PLYWOOD, TUMINOUS ROOF COATINGS PARTICLEBOARD AND MEDIUM DENSITY FIBERBOARD. "COMPOSITE WOOD PRODUCTS" DOES NOT INCLUDE HARDBOARD, STRUCTURAL PLYWOOD, STRUCTURAL PANELS, STRUCTURAL COMPOSITE TUMINOUS ROOF PRIMERS LUMBER, ORIENTED STRAND BOARD, GLUED LAMINATED TIMBER, PREFABRICATED WOOD I-JOISTS OR OR SOND BREAKERS FINGER-JOINTED LUMBER, ALL AS SPECIFIED IN CALIFORNIA CODE OF REGULATIONS (CCR), TITLE 17, NCRETE CURING COMPOUNDS SECTION 93120.1. 10 NCRETE/MASONRY SEALERS DIRECT-VENT APPLIANCE, A FUEL-BURNING APPLIANCE WITH A SEALED COMBUSTION SYSTEM THAT DRAWS ALL AIR FOR COMBUSTION FROM THE OUTSIDE ATMOSPHERE AND DISCHARGES ALL FLUE VEWAY SEALERS GASES TO THE OUTSIDE ATMOSPHERE. RY FOG COATINGS MAXIMUM INCREMENTAL REACTIVITY (MIR). THE MAXIMUM CHANGE IN WEIGHT OF OZONE FORMED BY LLING AUX FINISHING COATING 350 ADDING A COMPOUND TO THE "BASE REACTIVE ORGANIC GAS (ROG) MIXTURE" PER WEIGHT OF RE RESISTIVE COATING 350 COMPOUND ADDED, EXPRESSED TO HUNDREDTHS OF A GRAM (G O³/G ROC). TINGS NOTE: MIR VALUES FOR INDIVIDUAL COMPOUNDS AND HYDROCARBON SOLVENTS ARE SPECIFIED IN OOR COATINGS **IEET THE** CCR, TITLE 17, SECTIONS 94700 AND 94701. RM-RELEASE COMPOUNDS MOISTURE CONTENT, THE WEIGHT OF THE WATER IN WOOD EXPRESSED IN PERCENTAGE OF THE RAPHIC ARTS COATINGS (SIGN PAINTS WEIGHT OF THE OVEN-DRY WOOD. GH TEMPERATURE COATINGS PRODUCT-WEIGHTED MIR (PWMIR). THE SUM OF ALL WEIGHTED-MIR FOR ALL INGREDIENTS IN A USTRIAL MAINTENANCE COATINGS PRODUCT SUBJECT TO THIS ARTICLE. THE PWMIR IS THE TOTAL PRODUCT REACTIVITY EXPRESSED TO OW SOLIDS COATINGS HUNDREDTHS OF A GRAM OF OZONE FORMED PER GRAM OF PRODUCT (EXCLUDING CONTAINER AND GNESITE CEMENT COATING ACKAGING) NOTE: PWMIR IS CALCULATED ACCORDING TO EQUATIONS FOUND IN CCR. TITLE 17. SECTION 94521 (/ ASTIC TEXTURE COATINGS REACTIVE ORGANIC COMPOUND (ROC). ANY COMPOUND THAT HAS THE POTENTIAL, ONCE EMITTED, ETALLIC PIGMENTED COATINGS 500 M @ 20 PS TO CONTRIBUTE TO OZONE FORMATION IN THE TROPOSPHERE. LTICOLOR COATING VOC. A VOLATILE ORGANIC COMPOUND (VOC) BROADLY DEFINED AS A CHEMICAL COMPOUND BASED ETREATMENT WASH ON CARBON CHAINS OR RINGS WITH VAPOR PRESSURES GREATER THAN 0.1 MILLIMETERS OF IMERS, SEALERS, & UNDERCOATERS MERCURY AT ROOM TEMPERATURE. THESE COMPOUNDS TYPICALLY CONTAIN HYDROGEN AND MAY ACTIVE PENETRATING SEALE CONTAIN OXYGEN, NITROGEN AND OTHER ELEMENTS. SEE CCR TITLE 17, SECTION 94508(A). 4.503 FIREPLACES 4.503.1 GENERAL. ANY INSTALLED GAS FIREPLACE SHALL BE A DIRECT-VENT SEALED-COMBUSTIC RUST PREVENT TYPE. ANY INSTALLED WOODSTOVE OR PELLET STOVE SHALL COMPLY WITH U.S. EPA NEW SOURCE ITS SHAL PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMAN LLACS ABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS. WOODSTOVES, PELLET ORNIA OVES AND FIREPLACES SHALL ALSO COMPLY WITH APPLICABLE LOCAL ORDINANCES. /WELO), 4.504 POLLUTANT CONTROL PRIMERS, SEALERS & UNDERCOATERS 4.504.1 COVERING OF DUCT OPENINGS & PROTECTION OF MECHANICAL EQUIPMENT DURING CALIFOR CONSTRUCTION. AT THE TIME OF ROUGH INSTALLATION, DURING STORAGE ON THE CONSTRUCTION UMENTS TE AND UNTIL FINAL STARTUP OF THE HEATING, COOLING AND VENTILATING EQUIPMENT, ALL DUCT GOV/ ONE CONSOLIDANTS O OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, IMMING POOL COATINGS URCE 340 ASTIC, SHEET METAL OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY TO REDUCE 100 AFFIC MARKING COATINGS E AMOUNT OF WATER, DUST OR DEBRIS WHICH MAY ENTER THE SYSTEM. TUB & TILE REFINISH COATINGS 420 4.504.2 FINISH MATERIAL POLLUTANT CONTROL. FINISH MATERIALS SHALL COMPLY WITH THIS ATERPROOFING MEMBRANE 4.504.2.1 ADHESIVES, SEALANTS AND CAULKS. ADHESIVES, SEALANT AND CAULKS USED ON THE OD COATINGS AINST THE PROJECT SHALL MEET THE REQUIREMENTS OF THE FOLLOWING STANDARDS UNLESS MORE STRINGENT LOCAL OR REGIONAL AIR POLLUTION OR AIR QUALITY MANAGEMENT DISTRICT RULES MASONRY OD PRESERVATIVES C-RICH PRIMERS 1. ADHESIVES, ADHESIVE BONDING PRIMERS, ADHESIVE PRIMERS, SEALANTS, SEALANT GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS PRIMERS AND CAULKS SHALL COMPLY WITH LOCAL OR REGIONAL AIR POLLUTION CONTROL THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT NIMUM OF OR AIR QUALITY MANAGEMENT DISTRICT RULES WHERE APPLICABLE OR SCAQMD RULE 1168 DLUMNS IN THE TABLE. VOC LIMITS, AS SHOWN IN TABLE 4.504.1 OR 4.504.2, AS APPLICABLE. SUCH PRODUCTS ALSO . VALUES IN THIS TABLE ARE DE<mark>RIVED</mark> FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES UCTIO SHALL COMPLY WITH THE RULE 1168 PROHIBITION ON THE USE OF CERTAIN TOXIC OARD, ARCHITECTURAL COATING<mark>S SUGGESTED CONTROL M</mark>EASURE, FEB. 1, 2008. MORE INFOR COMPOUNDS (CHLOROFORM, ETHYLENE DICHLORIDE, METHYLENE CHLORIDE S AVAILABLE FROM THE AIR RESOURCES BOARD. PERCHLOROETHYLENE AND TRICLOROETHYLENE), EXCEPT FOR AEROSOL PRODUCTS, AS SPECIFIED IN SUBSECTION 2 BELOW. TABLE 4.504.5 - FORMALDEHYDE LIMITS **GENCIES IF** 2. AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OR EXIST OF IMUM FORMALDEHYDE EMISSIONS IN PARTS PER CAULKING COMPOUNDS (IN UNITS OF PRODUCT, LESS PACKAGING, WHICH DO NOT WEIGH MORE THAN 1 POUND AND DO NOT CONSIST OF MORE THAN 16 FLUID OUNCES) SHALL PRODUCT SECTION **CURRENT LIMIT** COMPLY WITH STATEWIDE VOC STANDARDS AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS, OF CALIFORNIA CODE OF ARDWOOD PLYWOOD VENEER CORE REGULATIONS, TITLE 17, COMMENCING WITH SECTION 94507. HARDWOOD PLYWOOD COMPOSITE CORE 🖾 🗖 0 OR C 4.504.2.2 PAINTS AND COATINGS. ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH 0.05 JAGEMEN VOC LIMITS IN TABLE 1 OF THE ARB ARCHITECTURAL SUGGESTED CONTROL MEASURE, AS SHOWN PARTICLE BOARD 0.09 ENT PLAN IN TABLE 4.504.3, UNLESS MORE STRINGENT LOCAL LIMITS APPLY. THE VOC CONTENT LIMIT FOR CONTINUES THAT DO NOT MEET THE DEFINITIONS FOR THE SPECIALTY COATINGS CATEGORIES EDIUM DENSITY FIBERBOARD 0.11 HIN MEDIUM DENSITY FIBERBOARD2 LISTED IN TABLE 4,504.3 SHALL BE DETERMINED BY CLASSIFYING THE COATING AS A FLAT, NONFLAT OR NONFLAT-HIGH GLOSS COATING, BASED ON ITS GLOSS, AS DEFINED IN SUBSECTIONS FROM . VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIF. AIR RESOURCES B 4.21. 4.36. AND THE 2007 CALIFORNIA AIR RESOURCES BOARD, SUGGES AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN I-SITE MEASURE, AND THE CORRESPONDING FLAT, NONFLAT OR NONFLAT-HIGH GLOSS VOC LIMIT IN FOR ADDITIONAL INFORMATION, SEE CALIF. CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROU 4.504.2.3 AEROSOL PAINTS AND COATINGS. AEROSOL PAINTS AND COATINGS SHALL MEET THE THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16" (8 MM). PRODUCT-WEIGHTED MIR LIMITS FOR ROC IN SECTION 94522(A)(2) AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS AND OZONE DEPLETING 🔀 🗖 OORC 4.504.3 CARPET SYSTEMS. ALL CARPET INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE QUIREMENTS OF THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, "STANDARD METHOD FOR THE SUBSTANCES, IN SECTIONS 94522(E)(1) AND (F)(1) OF CALIFORNIA CODE OF REGULATIONS, TI 7, COMMENCING WITH SECTION 94520; AND IN AREAS UNDER THE JURISDICTION OF THE B STING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES AREA AIR QUALITY MANAGEMENT DISTRICT ADDITIONALLY COMPLY WITH THE PERCENT VOC B JSING ENVIRONMENTAL CHAMBERS," VERSION 1.2, JANUARY 2017 (EMISSION TESTING METHOD FOR WEIGHT OF PRODUCT LIMITS OF REGULATION 8, RULE 49. CALIFORNIA SPECIFICATION 01350) 4.504.2.4 VERIFICATION. VERIFICATION OF COMPLIANCE WITH THIS SECTION SHALL BE PROVIDED E CALIFORNIA DEPARTMENT OF PUBLIC HEALTH'S WEBSITE FOR CERTIFICATION PROGRAMS AND AT THE REQUEST OF THE ENFORCING AGENCY. DOCUMENTATION MAY INCLUDE, BUT IS NOT STING LABS. LIMITED TO, THE FOLLOWING: [PS://WWW.CDPH.CA.GOV/PROGRAMS/CCDPHP/DEODC/EHLB/IAQ/PAGES/VOC.ASPX. 1. MANUFACTURER'S PRODUCT SPECIFICATION. 🖾 🗖 O OR C 4.504.3.1 CARPET CUSHION. ALL CARPET CUSHION INSTALLED IN THE BUILDING INTERIOR SHAL 2. FIELD VERIFICATION OF ON-SITE PRODUCT CONTAINER MEET THE REQUIREMENTS OF THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, "STANDARD TABLE 4.504.1 - ADHESIVE VOC LIMIT METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FRO INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS," VERSION 1.2, JANUARY 2017 ESS WATER AND LESS EXEMPT COMPOUNDS IN GRAMS PER LITER) WHICH (EMISSION TESTING METHOD FOR CALIFORNIA SPECIFICATION 01350) ARCHITECTURAL APPLICATIONS **VOC LIMIT** SEE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH'S WEBSITE FOR CERTIFICATION PROGRAMS INDOOR CARPET ADHESIVE AND TESTING LABS HTTPS://WWW.CDPH.CA.GOV/PROGRAMS/CCDPHP/DEODC/EHLB/IAQ/PAGES/VOC.ASPX. CARPET PAD ADHESIVES EET THE OUTDOOR CARPET ADHESIVI 4.504.3.2 CARPET ADHESIVE. ALL CARPET ADHESIVE SHALL MEET THE REQUIREMENTS OF TABLE WOOD FLOORING ADHESIVE RUBBER FLOOR ADHESIVES 4,504,4 RESILIENT FLOORING SYSTEMS, WHERE RESILIENT FLOORING IS INSTALLED, AT LEAST 80% C SUBFLOOR ADHESIVES LOOR AREA RECEIVING RESILIENT FLOORING SHALL MEET THE REQUIREMENTS OF THE CALIFORNIA ERAMIC TILE ADHESIVES EPARTMENT OF PUBLIC HEALTH, "STANDARD METHOD FOR THE TESTING AND EVALUATION OF S CODE VCT & ASPHALT TILE ADHESIVES OLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL ST IN IAMBERS," VERSION 1.2, JANUARY 2017 (EMISSION TESTING METHOD FOR CALIFORNIA SPECIFICATIO DRYWALL & PANEL ADHESIVES COVE BASE ADHESIVES SEE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH'S WEBSITE FOR CERTIFICATION PROGRAMS AND JULTIPURPOSE CONSTRUCTION ADHESIVE ESTING LABS STRUCTURAL GLAZING ADHESIVES TPS://WWW.CDPH.CA.GOV/PROGRAMS/CCDPHP/DEODC/EHLB/IAQ/PAGES/VOC.ASPX. SINGLE-PLY ROOF MEMBRANE ADHESIVES S O OR C 4.504.5 COMPOSITE WOOD PRODUCTS. HARDWOOD PLYWOOD, PARTICLEBOARD AND MEDIUM DENSIT AGENC OTHER ADHESIVES NOT LISTED BERBOARD COMPOSITE WOOD PRODUCTS USED ON THE INTERIOR OR EXTERIOR OF THE SPECIALTY APPLICATIONS UILDINGS SHALL MEET THE REQUIREMENTS FOR FORMALDEHYDE AS SPECIFIED IN ARB'S AIR TOXICS ONTROL MEASURE FOR COMPOSITE WOOD (17 CCR 93120 ET SEQ.), BY OR BEFORE THE DATES /C WELDING 510 PECIFIED IN THOSE SECTIONS, AS SHOWN IN TABLE 4.504.5 4.504.5.1 DOCUMENTATION. VERIFICATION OF COMPLIANCE WITH THIS SECTION SHALL BE CPVC WELDING 490 EMS. HVAC PROVIDED AS REQUESTED BY THE ENFORCING AGENCY. DOCUMENTATION SHALL INCLUDE AT ABS WELDING 325 LEAST ONE OF THE FOLLOWING: PLASTIC CEMENT WELDING 1. PRODUCT CERTIFICATIONS AND SPECIFICATIONS ADHESIVE PRIMER FOR PLASTIC 2. CHAIN OF CUSTODY CERTIFICATIONS 3. PRODUCT LABELED AND INVOICED AS MEETING THE COMPOSITE WOOD PRODUCTS CONTACT ADHESIVE REGULATION (SEE CCR, TITLE 17, SECTION 93120, ET SEQ.). SPECIAL PURPOSE CONTACT ADHESIVE 250 4. EXTERIOR GRADE PRODUCTS MARKED AS MEETING THE PS-1 OR PS-2 STANDARDS OF THE ENGINEERED WOOD ASSOCIATION, THE AUSTRALIAN AS/NZS 2269, EUROPEAN 636 3S STRUCTURAL WOOD MEMBER ADHESIVE STANDARDS, AND CANADIAN CSA 0121, CSA 0151, CSA 0153 AND CSA 0325 STANDARDS TOP & TRIM ADHESIVE 5. OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY. SUBSTRATE SPECIFIC APPLICATIONS **4.505 INTERIOR MOISTURE CONTROL** 4.505.1 GENERAL. BUILDINGS SHALL MEET OR EXCEED THE PROVISIONS OF THE CALIFORNIA METAL TO METAL BUILDING STANDARDS CODE. PLASTIC FOAMS 4.505.2 CONCRETE SLAB FOUNDATIONS. CONCRETE SLAB FOUNDATIONS REQUIRED TO HAVE A POROUS MATERIAL (EXCEPT WOOD) VAPOR RETARDER BY CALIF<mark>ORNIA BUILDI</mark>NG CODE, CHAPTER 19, OR CONCRETE SLAB-ON-GROUND FLOORS REQUIRED TO HAVE A VAPOR RETARDER BY THE CALIFORNIA RESIDENTIAL CODE, IBERGLAS CHAPTER 5. SHALL ALSO COMPLY WITH THIS SECTION. 1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE 4.505.2.1 CAPILLARY BREAK. A CAPILLARY BREAK SHALL BE INSTALLED IN COMPLIANCE WITH AT LEAST ONE OF THE FOLLOWING: HIGHEST VOC CONTENT SHALL BE ALLOWED. AGENCY FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN 1. A 4-INCH (101.6 MM) THICK BASE OF 1/2 INCH (12.7MM) OR LARGER CLEAN AGGREGATE THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168. SHALL BE PROVIDED WITH A VAPOR BARRIER IN DIRECT CONTACT WITH CONCRETE AND A INTENANCE CONCRETE MIX DESIGN, WHICH WILL ADDRESS BLEEDING, SHRINKAGE, AND CURLING, TABLE 4.504.2 - SEALANT VOC LIMIT SHALL BE USED. FOR ADDITIONAL INFORMATION, SEE AMERICAN CONCRETE INSTITUTE RCEMENTS ACI 302.2R-06. ESS WATER AND LESS OTHER EQUIVALENT METHODS APPROVED BY THE ENFORCING AGENCY A SLAB DESIGN SPECIFIED BY A LICENSED DESIGN PROFESSIONA SEALANTS **VOC LIMIT** ION OF ARCHITECTURAL

MARINE DECK

NONMEMBRANE ROOF

NON-POROUS

MODIFIED BITUMINOU

POROU

MARINE DECK

SINGLE-PLY ROOF MEMBRANE

SEALANT PRIMERS

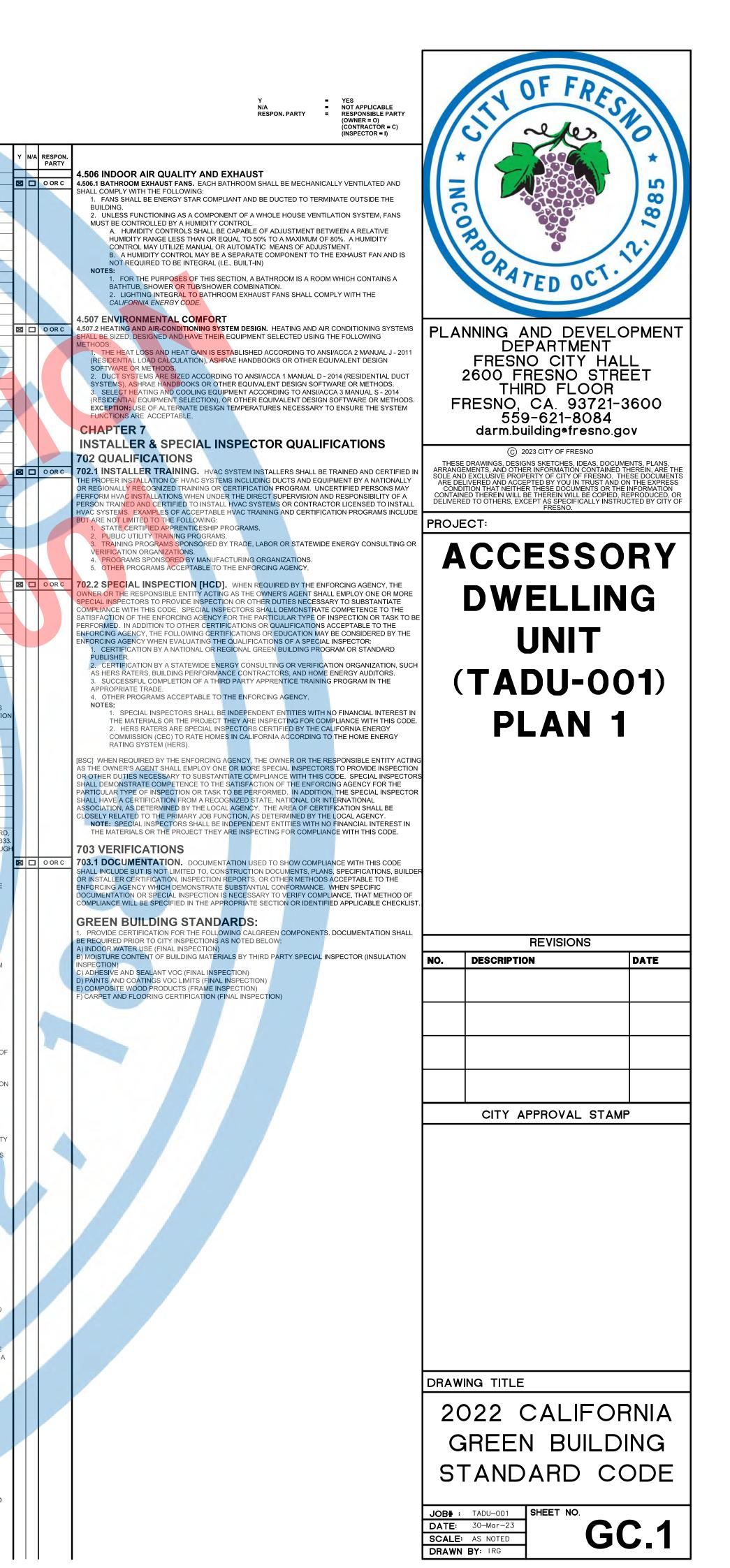
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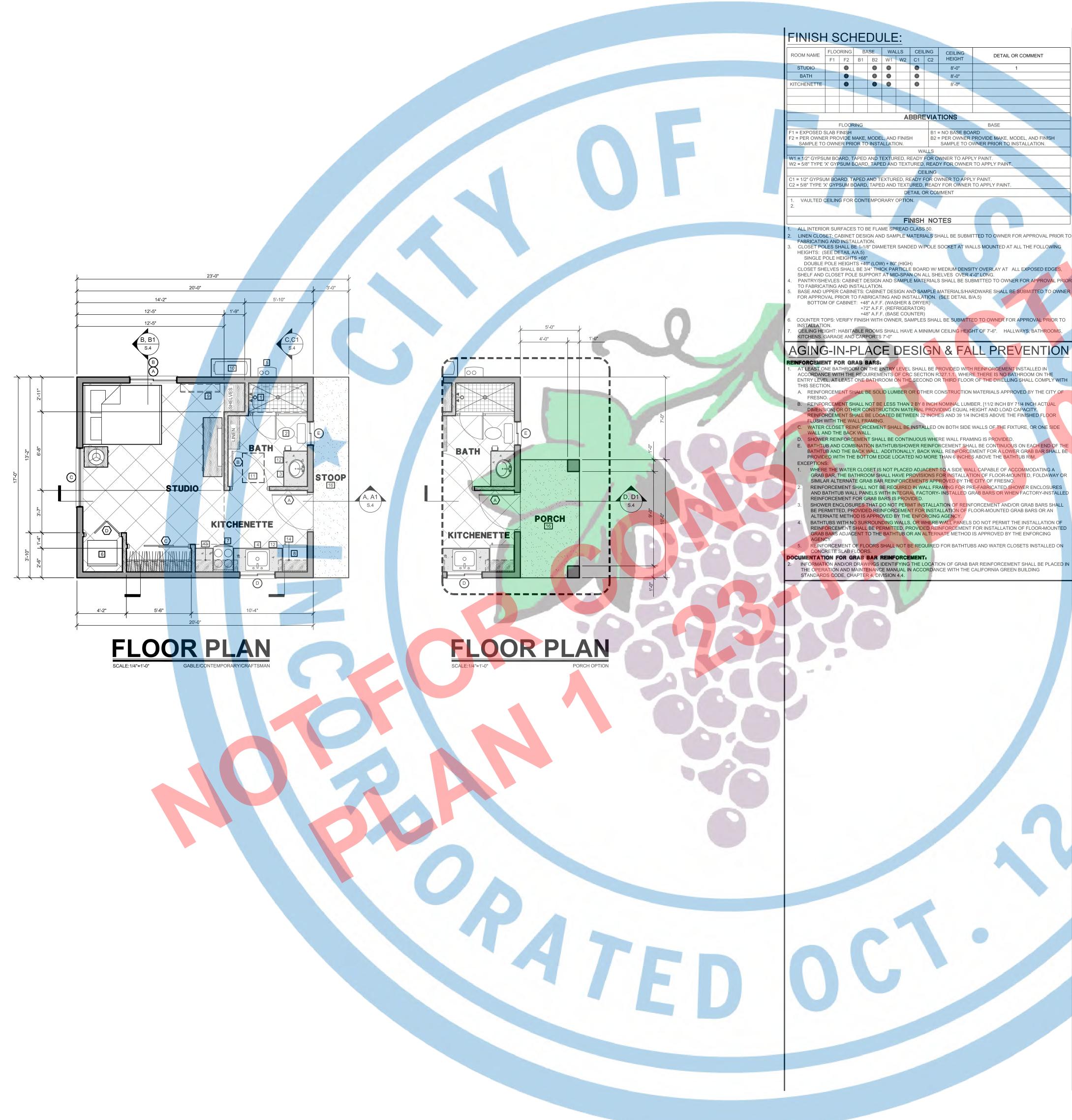
PARTY	CHAPTER 3 GREEN BUILDING SECTION 301 GENERAL	Y N/	A RESP PAR	PON. RTY	THE CALIFORNIA CODE OF REGULATIONS, TITLE 20 1605.1 (H)(4) AND SECTION 1605.3 (H)(4)(A).	ND CODE SECTION HAVE BEEN REPRINTED FROM (APPLIANCE EFFICIENCY REGULATIONS), SECTION
	301.1 SCOPE. BUILDINGS SHALL BE DESIGNED TO INCLUDE THE GREEN BUILDING MEASURES SPECIFIED AS MANDATORY IN THE APPLICATION CHECKLISTS CONTAINED IN THIS CODE. VOLUNTARY GREEN BUILDING MEASURES ARE ALSO INCLUDED IN THE APPLICATION CHECKLISTS AND MAY BE INCLUDED IN THE DESIGN AND CONSTRUCTION OF STRUCTURES COVERED BY THIS CODE, BUT ARE NOT REQUIRED UNLESS ADOPTED BY A CITY, COUNTY, OR CITY AND COUNTY AS				TABLE H-2STANDARDS FOR COMMERCMANUFACTURED ON OR AFT	IAL PRE-RINSE SPRAY VALUES ER JANUARY 28, 2019
	SPECIFIED IN SECTION 101.7. 301.1.1 ADDITIONS AND ALTERATIONS. [HCD] THE MANDATORY PROVISIONS OF CHAPTER 4 SHALL BE APPLIED TO ADDITIONS OR ALTERATIONS OF EXISTING RESIDENTIAL BUILDINGS				PRODUCT CLASS [SPRAY FORCE IN OUNCE FORCE (OZF)]	MAXIMUM FLOW RATE (GPM
	WHERE THE ADDITION OR ALTERATION INCREASES THE BUILDING'S CONDITIONED AREA, VOLUME, OR SIZE. THE REQUIREMENTS SHALL APPLY ONLY TO AND/OR WITHIN THE SPECIFIC AREA OF THE ADDITION OR ALTERATION. THE MANDATORY PROVISION OF SECTION 4.106.4.2 MAY APPLY TO ADDITIONS OR ALTERATIONS				PRODUCT CLASS 1 (\leq 5.0 OZF) PRODUCT CLASS 2 (> 5.0 OZF AND \leq 8.0 OZF) PRODUCT CLASS 3 (> 8.0 OZF)	1.00 1.20 1.28
	OF EXISTING PARKING FACILITIES OR THE ADDITION OF NEW PARKING FACILITIES SERVING EXISTING MULTIFAMILY BUILDINGS. SEE SECTION 4.106.4.3 FOR APPLICATION. NOTE: REPAIRS INCLUDING, BUT NOT LIMITED TO, RESURFACING, RESTRIPING AND REPAIRING				TITLE 20 SECTION 1605.3 (H)(4)(A): COMMERCIAL PF AFTER JANUARY 1, 2006, SHALL HAVE A MINIMUM S OUNCES-FORCE (OZF)[113 GRAMS-FORCE(GF)]	
	OR MAINTAINING EXISTING LIGHTING FIXTURES ARE NOT CONSIDERED ALTERATIONS FOR THE PURPOSE OF THIS SECTION. NOTE: ON AND AFTER JANUARY 1, 2014, RESIDENTIAL BUILDINGS UNDERGOING PERMITTED		3		4.303.2 SUBMETERS FOR MULTIFAMILY BUILDINGS RESIDENTIAL/COMMERCIAL BUILDINGS.	
	ALTERATIONS, ADDITIONS, OR IMPROVEMENTS SHALL REPLACE NONCOMPLIANT PLUMBING FIXTURES WITH WATER-CONSERVING PLUMBING FIXTURES. PLUMBING FIXTURE REPLACEMENT IS REQUIRED PRIOR TO ISSUANCE OF A CERTIFICATE OF FINAL COMPLETION, CERTIFICATE OF OCCUPANCY OR FINAL PERMIT APPROVAL BY THE LOCAL BUILDING DEPARTMENT. SEE CIVIL CODE SECTION 1101.1, ET SEQ., FOR THE DEFINITION OF A NONCOMPLIANT PLUMBING FIXTURE, TYPES OF RESIDENTIAL BUILDINGS AFFECTED AND] 0.0F	२८	SUBMETERS SHALL BE INSTALLED TO MEASURE W UNITS IN ACCORDANCE WITH THE CALIFORNIA PLU 4.303.3 STANDARDS FOR PLUMBING FIXTURES AN SHALL BE INSTALLED IN ACCORDANCE WITH THE C APPLICABLE STANDARDS REFERENCED IN TABLE	<i>IMBING CODE.</i> D FITTINGS. PLUMBING FIXTU RES AND FITTINGS CALIFORNIA PLUMBING CODE, AND SHALL MEET THE
	OTHER IMPORTANT ENACTMENT DATES. 301.2 LOW-RISE AND HIGH-RISE RESIDENTIAL BUILDINGS. [HCD] THE PROVISIONS OF INDIVIDUAL SECTIONS OF CALGREEN MAY APPLY TO EITHER LOW-RISE				NOTE: THIS TABLE COMPILES THE DATA IN SECTION 4.303 USER. TABLE - MAXIMUM FIXTURE V	
	RESIDENTIAL BUILDINGS HIGH-RISE RESIDENTIAL BUILDINGS, OR BOTH. INDIVIDUAL SECTIONS WILL BE DESIGNATED BY BANNERS TO INDICATE WHERE THE SECTION APPLIES SPECIFICALLY TO LOW-RISE ONLY (LR) OR HIGH-RISE ONLY (HR). WHEN THE SECTION APPLIES TO BOTH LOW-RISE AND HIGH-RISE BUILDINGS, NO BANNER WILL BE USED.				FIXTURE TYPE SHOWER HEADS (RESIDENTIAL)	FLOW RATE
	SECTION 302 MIXED OCCUPANCY BUILDINGS 302.1 MIXED OCCUPANCY BUILDINGS. IN MIXED OCCUPANCY BUILDINGS, EACH				LAVATORY FAUCETS (RESIDENTIAL) LAVATORY FAUCETS IN COMMON & PUBLIC USE AF	MAX. 1.2 GPM @ 60 PSI MIN. 0.8 GPM @ 20 PS REAS 0.5 GPM @ 60 PSI
	PORTION OF A BUILDING SHALL COMPLY WITH THE SPECIFIC GREEN BUILDING MEASURES APPLICABLE TO EACH SPECIFIC OCCUPANCY. EXCEPTIONS:				KITCHEN FAUCETS METERING FAUCETS WATER CLOSET	1.8 GPM @ 60 PSI 0.2 GAL/CYCLE 1.28 GAL/FLUSH
	1. [HCD] ACCESSORY STRUCTURES AND ACCESSORY OCCUPANCIES SERVING RESIDENTIAL BUILDINGS SHALL COMPLY WITH CHAPTER 4 AND APPENDIX A4, AS APPLICABLE. 2. [HCD] FOR PURPOSES OF CALGREEN, LIVE/WORK UNITS, COMPLYING WITH SECTION 419 OF THE CALIFORNIA BUILDING CODE, SHALL NOT BE CONSIDERED MIXED OCCUPANCIES. LIVE/WORK UNITS SHALL COMPLY WITH CHAPTER 4 AND APPENDIX A4, AS APPLICABLE. DIVISION 4.1 PLANNING AND DESIGN] 0 0F	RC	COMPLY WITH A LOCAL WATER EFFICIENT LANDSO DEPARTMENT OF WATER RESOURCES' MODEL WA	
	ABBREVIATION DEFINITIONS: HCD DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT BSC CALIFORNIA BUILDING STANDARDS COMMISSION				CODE REGULATIONS, TITLE 23, CHAPTER 2.7, I	ORDINANCE (MWELO) IS LOCATED IN THE CALIFORM DIVISION 2. MWELO AND SUPPORTING DOCUMENTS,
	DSA-SS DIVISION OF THE STATE ARCHITECT, STRUCTURAL SAFETY OSHPD OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT LR LOW RISE HR HIGH RISE					E AVAILABLE AT: HTTPS://WWW.WATER.CA.GOV/
	AA ADDITIONS AND ALTERATIONS N NEW CHAPTER 4] 0.0F	RC	4.406 ENHANCED DURABILITY AND RI 4.406.1 RODENT PROOFING. ANNULAR SPACES AR OTHER OPENINGS IN SOLE/BOTTOM PLATES AT EX	OUND PIPES, ELECTRIC CABLES, CONDUITS OR (TERIOR WALLS SHALL BE PROTECTED AGAINST THE
	RESIDENTIAL MANDATORY MEASURES SECTION 4.102 DEFINITIONS 4.102.1 DEFINITIONS					INGS WITH CEMENT MORTAR, CONCRETE MASONRY DRCING AGENCY.
	THE FOLLOWING TERMS ARE DEFINED IN CHAPTER 2 (AND ARE INCLUDED HERE FOR REFERENCE) FRENCH DRAIN. A TRENCH, HOLE OR OTHER DEPRESSED AREA LOOSELY FILLED WITH ROCK, GRAVEL, FRAGMENTS OF BRICK OR SIMILAR PERVIOUS MATERIAL USED TO COLLECT OR CHANNEL DRAINAGE] 0 OF	3 C	4.408.1 CONSTRUCTION WASTE MANAGEMENT. RE 65 PERCENT OF THE NON-HAZARDOUS CONSTRUCT	ECYCLE AND/OR SALVAGE FOR REUSE A MINIMUM OF CTION AND DEMOLITION WASTE IN ACCORDANCE OR MEET A MORE STRINGENT LOCAL CONSTRUCTION
	OR RUNOFF WATER. WATTLES. WATTLES ARE USED TO REDUCE SEDIMENT IN RUNOFF. WATTLES ARE OFTEN CONSTRUCTED OF NATURAL PLANT MATERIALS SUCH AS HAY, STRAW OR SIMILAR MATERIAL SHAPED IN THE FORM OF TUBES AND PLACED ON A DOWNFLOW SLOPE. WATTLES ARE ALSO USED FOR PERIMETER AND INLET CONTROLS. 4.106 SITE DEVELOPMENT				EXCEPTIONS: 1. EXCAVATED SOIL AND LAND-CLEARING DEI 2. ALTERNATE WASTE REDUCTION METHODS DIVERSION OR RECYCLE FACILITIES CAPABLE ARE NOT LOCATED REASONABLY CLOSE TO T	BRIS. DEVELOP ED BY WORKING WITH LOCAL AGENCIES IF OF COMP <mark>LIANC</mark> E WITH THIS ITEM DO NOT EXIST OR
O OR C	4.106.1 GENERAL. PRESERVATION AND USE OF AVAILABLE NATURAL RESOURCES SHALL BE ACCOMPLISHED THROUGH EVALUATION AND CAREFUL PLANNING TO MINIMIZE NEGATIVE EFFECTS ON THE SITE AND ADJACENT AREAS. PRESERVATION OF SLOPES, MANAGEMENT OF STORM WATER] O OF	۲C	DIVERSION FACILITY.	REAS BEYOND THE HAUL BOUNDARIES OF THE AN. SUBMIT A CONSTRUCTION WASTE MANAGEMENT
	DRAINAGE AND EROSION CONTROLS SHALL COMPLY WITH THIS SECTION. 4.106.2 STORM WATER DRAINAGE AND RETENTION DURING CONSTRUCTION. PROJECTS WHICH DISTURB LESS THAN ONE ACRE OF SOIL AND ARE NOT PART OF A LARGER COMMON PLAN OF DEVELOPMENT WHICH IN TOTAL DISTURBS ONE ACRE OR MORE, SHALL MANAGE STORM WATER				SHALL BE UPDATED AS NECESSARY AND SHALL BE EXAMINATION BY THE ENFORCING AGENCY.	5. THE CONSTRUCTION WASTE MANAGEMENT PLAN E AVAILABLE DURING CONSTRUCTION FOR ITION WASTE MATERIALS TO BE DIVERTED FROM
	DRAINAGE DURING CONSTRUCTION. IN ORDER TO MANAGE STORM WATER DRAINAGE DURING CONSTRUCTION, ONE OR MORE OF THE FOLLOWING MEASURES SHALL BE IMPLEMENTED TO PREVENT FLOODING OF ADJACENT PROPERTY, PREVENT EROSION AND RETAIN SOIL RUNOFF ON THE SITE.					
	 RETENTION BASINS OF SUFFICIENT SIZE SHALL BE UTILIZED TO RETAIN STORM WATER ON THE SITE. WHERE STORM WATER IS CONVEYED TO A PUBLIC DRAINAGE SYSTEM, COLLECTION POINT, GUTTER OR SIMILAR DISPOSAL METHOD, WATER SHALL BE FILTERED BY USE OF A BARRIER 				MATERIAL COLLECTED WILL BE TAKEN. 4. IDENTIFY CONSTRUCTION METHODS EMPL AND DEMOLITION WASTE GENERATED.	OYED TO REDUCE THE AMOUNT OF CONSTRUCTION
	SYSTEM, WATTLE OR OTHER METHOD APPROVED BY THE ENFORCING AGENCY. 3. COMPLIANCE WITH A LAWFULLY ENACTED STORM WATER MANAGEMENT ORDINANCE. NOTE: REFER TO THE STATE WATER RESOURCES CONTROL BOARD FOR PROJECTS WHICH DISTURB ONE ACRE OR MORE OF SOIL, OR ARE PART OF A LARGER COMMON PLAN OF] O OF	۲C		OR VOLUME, BUT NOT BY BOTH. A WASTE MANAGEMENT COMPANY, APPROVED BY
	DISTORE ONE ACRE OR MORE OF SOIL, OR ARE PART OF A LARGER COMMON PLAN OF DEVELOPMENT WHICH IN TOTAL DISTURBS ONE ACRE OR MORE OF SOIL. (WEBSITE: HTTPS://WWW.WATERBOARDS.CA.GOV/WATER_ISSUES/PROGRAMS/STORMWATER/ CONSTRUCTION.HTML)				OF CONSTRUCTION AND DEMOLITION WASTE MATI WITH SECTION 4.408.1.	ERIFIABLE DOCUMENTATION THAT THE PERCENTAGE ERIAL DIVERTED FROM THE LANDFILL COMPLIES WE THE DETERMINATION IF THE CONSTRUCTION AND
	4.106.3 GRADING AND PAVING. CONSTRUCTION PLANS SHALL INDICATE HOW THE SITE GRADING OR DRAINAGE SYSTEM WILL MANAGE ALL SURFACE WATER FLOWS TO KEEP WATER FROM ENTERING BUILDINGS. EXAMPLES OF METHODS TO MANAGE SURFACE WATER INCLUDE, BUT ARE NOT LIMITED] O OF	۲C	4.408.4 WASTE STREAM REDUCTION ALTERNATIV	VERTED BY A WASTE MANAGEMENT COMPANY. E [LR]. PROJECTS THAT GENERATE A TOTAL DUITION WASTE DISPOSED OF IN LANDFILLS, WHICH
	TO, THE FOLLOWING: 1. SWALES 2. WATER COLLECTION AND DISPOSAL SYSTEMS 3. FRENCH DRAINS				DO NOT EXCEED 3.4 LBS./SQ.FT. OF THE BUILDING CONSTRUCTION WASTE REDUCTION REQUIREMEN 4.408.4.1 WASTE STREAM REDUCTION ALTER	AREA SHALL MEET THE MINIMUM 65% IT IN SECTION 4.408.1 NATIVE, PROJECTS THAT GENERATE A TOTAL
	4. WATER RETENTION GARDENS 5. OTHER WATER MEASURES WHICH KEEP SURFACE WATER AWAY FROM BUILDINGS AND AID IN GROUNDWATER RECHARGE.				WHICH DO NOT EXCEED 2 POUNDS PER SQUA MINIMUM 65% CONSTRUCTION WASTE REDUC	
	EXCEPTION: ADDITIONS AND ALTERATIONS NOT ALTERING THE DRAINAGE PATH. DIVISION 4.2 ENERGY EFFICIENCY 4.201 GENERAL			25	4.408.5 DOCUMENTATION. DOCUMENTATION SHAL DEMONSTRATES COMPLIANCE WITH SECTION 4.40 SECTION 4.408.4 NOTES:	L BE PROVIDED TO THE ENFORCING AGENCY WHICH 8.2, ITEMS 1 THROUGH 5, SECTION 4.408.3 OR
	4.201.1 SCOPE. FOR THE PURPOSES OF MANDATORY ENERGY EFFICIENCY STANDARDS IN THIS CODE, THE CALIFORNIA ENERGY COMMISSION WILL CONTINUE TO ADOPT MANDATORY STANDARDS. DIVISION 4.3 WATER EFFICIENCY AND CONSERVATION				(RESIDENTIAL)" LOCATED AT WWW.HCD.CA.GC DOCUMENTING COMPLIANCE WITH THIS SECT	E CALIFORNIA GREEN BUILDI <mark>NG STAND</mark> ARDS CODE DV/CALGREEN.HTML MAY BE USED TO ASSIST IN ION. DEBRIS (C & D) PROCESSORS CAN BE LOCATED AT
O OR C	4.303 INDOOR WATER USE 4.303.1 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. PLUMBING FIXTURES (WATER CLOSETS AND URINALS) AND FITTINGS (FAUCETS AND SHOWERHEADS) SHALL COMPLY WITH THE				4.410 BUILDING MAINTENANCE AND C	S RECYCLING AND RECOVERY (CALRECYCLE).
	SECTIONS 4.303.1.1, 4.303.1.2, 4.303.1.3, AND 4.303.4.4. NOTE: ALL NONCOMPLIANT PLUMBING FIXTURES IN ANY RESIDENTIAL REAL PROPERTY SHALL BE REPLACED WITH WATER-CONSERVING PLUMBING FIXTURES. PLUMBING FIXTURE REPLACEMENT IS] O OF	25	4.410.1 OPERATION AND MAINTENANCE MANUAL.	AT THE TIME OF FINAL INSPECTION, A MANUAL, ER MEDIA ACCEPTABLE TO THE ENFORCING AGENCY BE PLACED IN THE BUILDING:
	REQUIRED PRIOR TO ISSUANCE OF A CERTIFICATE OF FINAL COMPLETION, CERTIFICATE OF OCCUPANCY, OR FINAL PERMIT APPROVAL BY THE LOCAL BUILDING DEPARTMENT. SEE CIVIL CODE SECTION 1101.1, ET SEQ., FOR THE DEFINITION OF A NONCOMPLIANT PLUMBING FIXTURE, TYPES OF RESIDENTIAL BUILDINGS AFFECTED AND OTHER IMPORTANT ENACTMENT DATES.				BUILDING THROUGHOUT THE LIFE CYCLE OF T 2. OPERATION AND MAINTENANCE INSTRUCT A. EQUIPMENT AND APPLIANCES, INCLL	HE ST <mark>RUCTURE.</mark> IONS FOR THE FOLLOWING: IDING WATER-SAVING DEVICES AND SYSTEMS, HVAC
	4.303.1.1 WATER CLOSETS. THE EFFECTIVE FLUSH VOLUME OF ALL WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. TANK-TYPE WATER CLOSETS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR TANK-TYPE TOILETS.				SYSTEMS AND OTHER MAJOR APPLIANC B. ROOF AND YARD DRAINAGE, INCLUD C. SPACE CONDITIONING SYSTEMS, INC	
	 NOTE: THE EFFECTIVE FLUSH VOLUME OF DUAL FLUSH TOILETS IS DEFINED AS THE COMPOSITE, AVERAGE FLUSH VOLUME OF TWO REDUCED FLUSHES AND ONE FULL FLUSH. 4.303.1.2 URINALS. THE EFFECTIVE FLUSH VOLUME OF WALL MOUNTED URINALS SHALL NOT EXCEED 				D. LANDSCAPE IRRIGATION SYSTEMS. E. WATER REUSE SYSTEMS.	R AND WASTE RECOVERY PROVIDERS ON METHODS
	0.125 GALLONS PER FLUSH. THE EFFECTIVE FLUSH VOLUME OF ALL OTHER URINALS SHALL NOT EXCEED 0.5 GALLONS PER FLUSH. 4.303.1.3 SHOWERHEADS.				LOCATIONS. 4. PUBLIC TRANSPORTATION AND/OR CARPO	OL OPTIONS AVAILABLE IN THE AREA IMPACTS OF AN INTERIOR RELATIVE HUMIDITY
	4.303.1.3.1 SINGLE SHOWERHEAD. SHOWERHEADS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 1.8 GALLONS PER MINUTE AT 80 PSI. SHOWERHEADS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR SHOWERHEADS.				RELATIVE HUMIDITY LEVEL IN THAT RANGE. 6. INFORMATION ABOUT WATER-CONSERVING CONTROLLERS WHICH CONSERVE WATER.	G LANDSCAPE AND IRRIGATION DESIGN AND
	4.303.1.3.2 MULTIPLE SHOWERHEADS SERVING ONE SHOWER . WHEN A SHOWER IS SERVED BY MORE THAN ONE SHOWERHEAD, THE COMBINED FLOW RATE OF ALL THE SHOWERHEADS AND/OR OTHER SHOWER OUTLETS CONTROLLED BY A SINGLE VALVE SHALL NOT EXCEED 1.8 GALLONS PER MINUTE AT 80 PSI, OR THE SHOWER SHALL BE DESIGNED TO ONLY ALLOW ONE SHOWER OUTLET TO BE IN OPERATION AT A TIME. NOTE : A HAND-HELD SHOWER SHALL BE CONSIDERED A SHOWERHEAD.				DIVERTING WATER AT LEAST 5 FEET AWAY FR 8. INFORMATION ON REQUIRED ROUTINE MAI TO, CAULKING, PAINTING, GRADING AROUND T 9. INFORMATION ABOUT STATE SOLAR ENERG	NTENANCE MEASURES, INCLUDING, BUT NOT LIMITEL THE BUILDING, ETC.
	 4.303.1.4 FAUCETS. 4.303.1.4.1 RESIDENTIAL LAVATORY FAUCETS. THE MAXIMUM FLOW RATE OF RESIDENTIAL LAVATORY FAUCETS SHALL NOT EXCEED 1.2 GALLONS PER MINUTE AT 60 PSI. THE MINIMUM FLOW RATE OF 				11. INFORMATION FROM THE DEPARTMENT OF OF DEFENSIBLE SPACE AROUND RESIDENTIAL	FORESTRY AND FIRE PROTECTION ON MAINTENANC L STRUCTURES. YING THE LOCATION OF GRAB BAR REINFORCEMENT
	RESIDENTIAL LAVATORY FAUCETS SHALL NOT BE LESS THAN 0.8 GALLONS PER MINUTE AT 20 PSI. 4.303.1.4.2 LAVATORY FAUCETS IN COMMON AND PUBLIC USE AREAS. THE MAXIMUM FLOW RATE OF LAVATORY FAUCETS INSTALLED IN COMMON AND PUBLIC USE AREAS (OUTSIDE OF DWELLINGS OR SLEEPING UNITS) IN RESIDENTIAL BUILDINGS SHALL NOT EXCEED 0.5 GALLONS PER MINUTE AT 60 PSI.) O OF	۹C	4.410.2 RECYCLING BY OCCUPANTS. WHERE 5 OR CONSTRUCTED ON A BUILDING SITE, PROVIDE REA BUILDINGS ON THE SITE AND ARE IDENTIFIED FOR NON-HAZARDOUS MATERIALS FOR RECYCLING, IN CARDBOARD, GLASS, PLASTICS, ORGANIC WASTEF LOCAL RECYCLING ORDINANCE, IF MORE RESTRIC	ADILY ACCESSIBLE AREA(S) THAT SERVES ALL THE DEPOSITING, STORAGE AND COLLECTION OF CLUDING (AT A MINIMUM) PAPER, CORRUGATED R, AND METALS, OR MEET A LAWFULLY ENACTED
	 4.303.1.4.3 METERING FAUCETS. METERING FAUCETS WHEN INSTALLED IN RESIDENTIAL BUILDINGS SHALL NOT DELIVER MORE THAN 0.2 GALLONS PER CYCLE. 4.303.1.4.4 KITCHEN FAUCETS. THE MAXIMUM FLOW RATE OF KITCHEN FAUCETS SHALL NOT EXCEED 				EXCEPTION: RURAL JURISDICTIONS THAT MEE	
	 1.8 GALLONS PER MINUTE AT 60 PSI. KITCHEN FAUCETS MAY TEMPORARILY INCREASE THE FLOW ABOVE THE MAXIMUM RATE, BUT NOT TO EXCEED 2.2 GALLONS PER MINUTE AT 60 PSI, AND MUST DEFAULT TO A MAXIMUM FLOW RATE OF 1.8 GALLONS PER MINUTE AT 60 PSI. NOTE: WHERE COMPLYING FAUCETS ARE UNAVAILABLE, AERATORS OR OTHER MEANS MAY BE USED TO ACHIEVE REDUCTION. 					
1	4.303.1.4.5 PRE-RINSE SPRAY VALVES. WHEN INSTALLED, SHALL MEET THE REQUIREMENTS IN THE CALIFORNIA CODE OF REGULATIONS,					

4.505.3 MOISTURE CONTENT OF BUILDING MATERIALS. BUILDING MATERIALS WITH VISIBLE SIGNS OF WATER DAMAGE SHALL NOT BE INSTALLED. WALL AND FLOOR FRAMING SHALL NOT BE ENCLOSED WHEN THE FRAMING MEMBERS EXCEED 19 PERCENT MOISTURE CONTENT. MOISTURE CONTENT SHALL BE VERIFIED IN COMPLIANCE WITH THE FOLLOWING: 1. MOISTURE CONTENT SHALL BE DETERMINED WITH EITHER A PROBE-TYPE OR CONTACT-TYPE MOISTURE METER. EQUIVALENT MOISTURE VERIFICATION METHODS MAY BE APPROVED BY THE ENFORCING AGENCY AND SHALL SATISFY REQUIREMENTS FOUND IN SECTION 101 8 OF THIS CODE 2. MOISTURE READINGS SHALL BE TAKEN AT A POINT 2 FEET (610 MM) TO 4 FEET (1219 MM) FROM THE GRADE STAMPED END OF EACH PIECE VERIFIED. 3. AT LEAST THREE RANDOM MOISTURE READINGS SHALL BE PERFORMED ON WALL AND FLOOR FRAMING WITH DOCUMENTATION ACCEPTABLE TO THE ENFORCING AGENCY PROVIDED

INSULATION PRODUCTS WHICH ARE VISIBLY WET OR HAVE A HIGH MOISTURE CONTENT SHALL BE REPLACED OR ALLOWED TO DRY PRIOR TO ENCLOSURE IN WALL OR FLOOR CAVITIES. NET-APPLIED INSULATION PRODUCTS SHALL FOLLOW THE MANUFACTURERS' DRYING ECOMMENDATIONS PRIOR TO ENCLOSURE.

AT THE TIME OF APPROVAL TO ENCLOSE THE WALL AND FLOOR FRAMIN

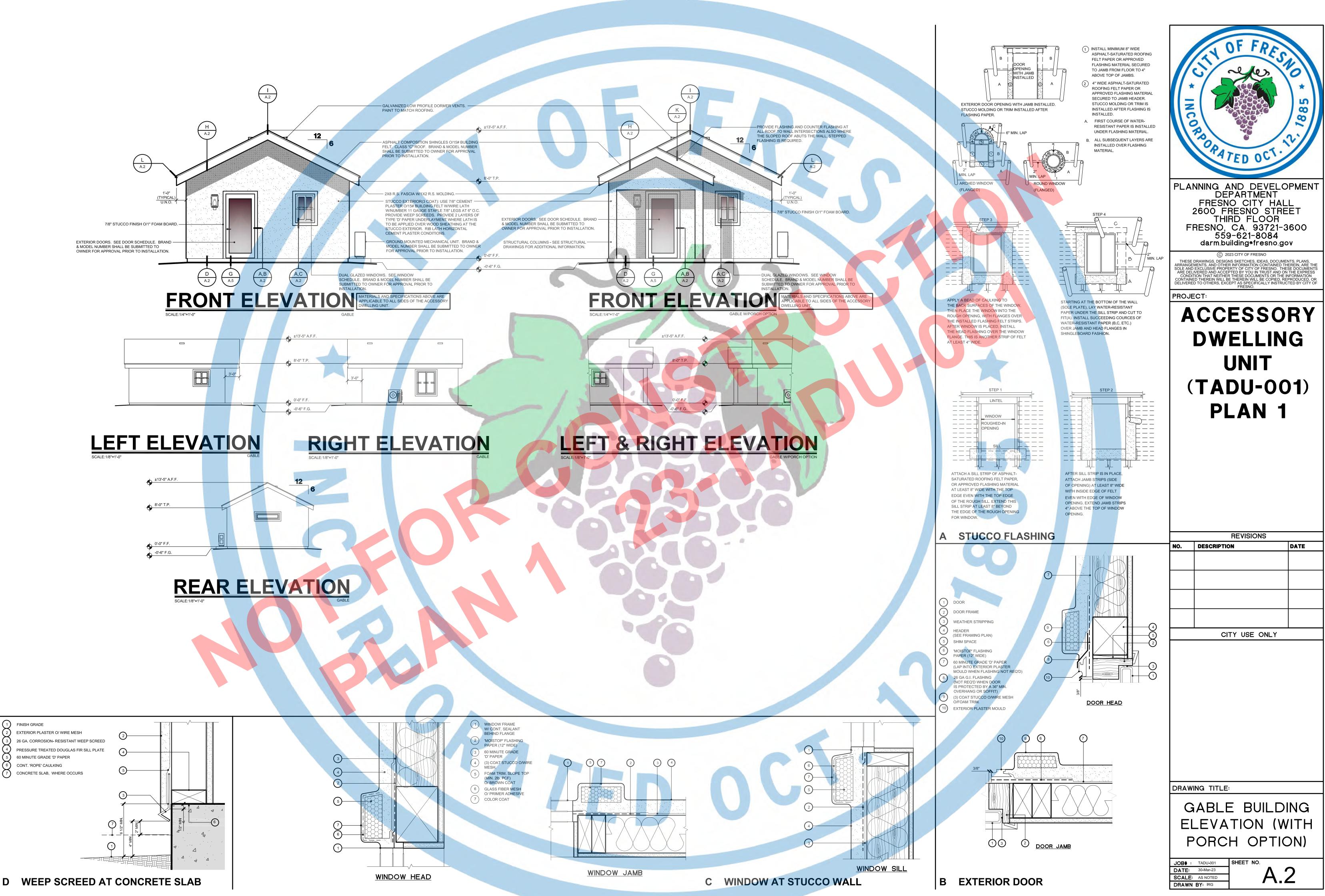




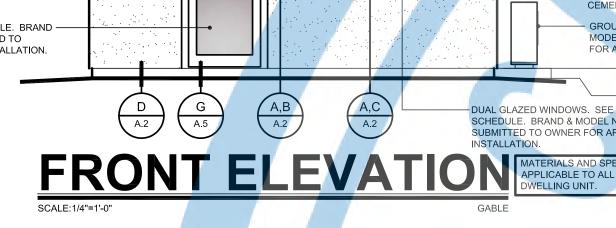
1					
1	GLAZING SCHEDULE:	1		EEA	
-	WIDTH HEIGHT SL SH FX RT CL FG DUAL VINLY GLASS U-FACTOR SHGC DETAIL OR COMMENT A 4'-0" 5'-0" Image: SH or state of the state of		1	FFRE	1.2
	B 4'-0" 2'-0" Image: Constraint of the state of		5/	eles	10
	D 3'-0" 3'-0" Image: Constraint of the state o	// *	15	SOOC .	*
	TYPE DETAIL OR COMMENT SL = DOUBLE SLIDER 1. GLAZING TYPE MUST MATCH THE EXISTING PRIMARY RESIDENCE GLAZING TYPE. (I.E.		T	P-Cost	LO I
	SH = SINGLE HUNG EXISTING PRIMARY RESIDENCE HAS SINGLE HUNG THEN PROPOSED ADU MUST HAVE FX = FIXED SINGLE HUNG.) RT = RECTANGLE TRANSOM 2. AT CONTEMPORARY OPTION ONLY.	NC		ON CONTRACTOR	8
	GLASS CL = CLEAR GLASS FG = FROSTED GLASS			ED OCT	1.51
	GLAZING NOTES :		Op.	-	N/
	 ALL GLASS AND GLAZING SHALL COMPLY WITH APPLICABLE CODES AND MUST BE LABELED SAFETY GLAZING AT HAZARDOUS LOCATIONS DEFINED AS: GLAZING AT ALL DOORS, BATH & SHOWER ENCLOSURES, GLAZING WITHIN A 24" ARC OF A DOOR EDGE, PANELS OVER (9) SQUARE FEET WITH THE LOWEST EDGE LESS THAN 18" A.F.F. AND 		AT	ED OC	
	HAVING A TOP EDGE GREATER THAN 36" A.F.F. GLAZING LOCATED WITHIN 5-0" FROM TOP OR BOTTOM OF STAIRWAY WITH BOTTOM EDGE LESS THAN 60" A.F.F. 2. ALL EXTERIOR GLAZING SHALL BE DUAL-GLAZED UNLESS OTHERWISE NOTED.				
2	3. UNIT SKYLIGHTS SHALL BE TESTED AND APPROVED BY AN APPROVED INDEPENDENT LABORATORY, AND BEAR A LABEL IDENTIFYING MANUFACTURER, PERFORMANCE GRADE RATING AND APPROVED INSPECTION AGENCY TO INDICATE COMPLIANCE WITH THE REQUIREMENTS OF AAMA/WDMA/CSA010/I.S.2/A440. (R 308.6.9)	PLAN		ND DEVEL	OPMENT
	 SKYLIGHTS AND SLOPED GLAZING SHALL COMPLY WITH SECTION (R 308.6) EVERY SPACE INTENDED FOR HUMAN OCCUPANCY SHALL BE PROVIDED WITH NATURAL LIGHT BY MEANS OF EXTERIOR GLAZED OPENINGS IN ACCORDANCE WITH SECTION R 303.1 OR SHALL BE PROVIDED WITH ARTIFICIAL 		FRESN	O CITY HARESNO STI	
	LIGHT THAT IS ADEQUATE TO PROVIDE AN AVERAGE ILLUMINATION OF 6 FOOT-CANDLES OVER THE AREA OF THE ROOM AT A HEIGHT OF 30 INCHES ABOVE THE FLOOR LEVEL. (R 303.1) 6. GLAZING IN THE FOLLOWING LOCATIONS SHALL BE SAFETY GLAZING CONFORMING TO THE HUMAN IMPACT LOADS		THI	RD FLOOF	
R	OF SECTION R 308.3 (SEE EXCEPTIONS) (R 308.4). A. FIXED AND OPERABLE PANELS OF SWINGING, SLIDING AND BI-FOLD DOOR ASSEMBLIES. B. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST UPDATE OF THE DEVICE OF THE DOOR WHERE THE NEAREST		559	CA. 93721 -621-8084	
	VERTICAL EDGE IS WITHIN A 24-INCH ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR OR WALKING SURFACE. C. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL THAT MEETS ALL OF THE FOLLOWING CONDITIONS:			ilding@fresno 23 CITY OF FRESNO	gov
	 EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQUARE FEET. BOTTOM EDGE LESS THAN 18 INCHES ABOVE THE FLOOR. TOP EDGE GREATER THAN 36 INCHES ABOVE THE FLOOR. ONE OR MORE WALKING SUPERCES WITHIN 26 INCHES HORIZONTALLY OF THE CLAZING. 	THESE D ARRANGEM SOLE AND E ARE DELIN	RAWINGS, DESIGN ENTS, AND OTHEF XCLUSIVE PROPE (ERED AND ACCEP	IS SKETCHES, IDEAS, DOC NIFORMATION CONTAINE RTY OF CITY OF FRESNO. TED BY YOU IN TRUST AN	UMENTS, PLANS, D THEREIN, ARE THE THESE DOCUMENTS D ON THE EXPRESS
	 4.) ONE OR MORE WALKING SURFACES WITHIN 36 INCHES HORIZONTALLY OF THE GLAZING. D. GLAZING IN RAILINGS. E. GLAZING IN ENCLOSURES FOR OR WALLS FACING HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS AND SHOWERS WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES MEASURED VERTICALLY. 	CONDIT	ON THAT NEITHER THEREIN WILL BE	THESE DOCUMENTS OR THEREIN WILL BE COPIEI EPT AS SPECIFICALLY INS FRESNO.	HE INFORMATION D. REPRODUCED. OR
	AND SHOWERS WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE. F. GLAZING IN WALLS AND FENCE ADJACENT TO INDOOR AND OUTDOOR SWIMMING POOLS, HOT TUBS AND SPAS WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE A WALKING SURFACE AND WITHIN	PROJE	CT:		
	60 INCHES, MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, OF THE WATER'S EDGE. G. GLAZING WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 36 INCHES ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE OF STAIRWAYS, LANDINGS BETWEEN FLIGHTS OF STAIRS AND RAMPS.			ESSC	
	H. GLAZING ADJACENT TO THE LANDING AT THE BOTTOM OF A STAIRWAY WHERE THE GLAZING IS LESS THAN 36 INCHES ABOVE THE LANDING AND WITHIN 60 INCHES HORIZONTALLY OF THE BOTTOM TREAD.			2330	
	DOOR SCHEDULE:		DWI	ELLIN	IG
	SYMBOL WIDTH HEIGHT THICK MATERIAL FINISH TYPE CORE FRAME DETAIL OR COMMENT 1 %" 1 %" 1 %" PL WD TG PT HG BF BP PC SC HC HM WD PT COMMENT				
	A 3'-0" 6'-8" Image: Constraint of the state o			JNIT	
	D 3'-0" 6'-8" O O O O O O O O O O O O O O O O O O O	('	ΤΑΙ	DU-0	01)
	ABBRE VIATIONS MATERIAL CORE DETAIL OR COMMENT PL = PLASTIC LAMINATE SC = SOLID CORE 1. SEE DETAIL D/A.5				_
	WD = WOOD HC = HOLLOW CORE 2. SEE DETAIL E/A.5 TG = TEMPERED GLASS HM = HOLLOW METAL 3. SEE DETAIL F/A.5 TYPE FINISH 4. SEE DETAIL G/A.5		PL	.AN	
	HG = HINGED DOOR BF = BI FOLD DOOR BP = BI PASS DOOR FRAME				
	PC = POCKET DOOR WD = WOOD PT = PAINTED				
	EGRESS, EXITS, & STAIRWAY NOTES :				
	1. THE MEANS OF EGRESS SHALL PROVIDE A CONTINUOUS AND UNOBSTRUCTED PATH OF VERTICAL AND HORIZONTAL EGRESS TRAVEL FROM ALL PORTIONS OF THE DWELLING TO THE EXTERIOR OF THE DWELLING AT THE REQUIRED EGRESS DOOR WITHOUT REQUIRING TRAVEL THROUGH A GARAGE. THE REQUIRED EGRESS DOOR SHALL OPEN DEPECTIVE ON TWICK WAY OF TO A VAPP OF COULD THROUGH A GARAGE. THE REQUIRED EGRESS DOOR SHALL OPEN DEPECTIVE ON TWICK WAY OF TO A VAPP OF COULD THROUGH A GARAGE. THE REQUIRED EGRESS DOOR SHALL OPEN DEPECTIVE ON TWICK WAY OF TO A VAPP OF COULD THROUGH A GARAGE. THE REQUIRED EGRESS DOOR SHALL OPEN DEPECTIVE ON TWICK OF TO A VAPP OF COULD THROUGH A GARAGE. THE REQUIRED EGRESS DOOR SHALL OPEN DEPECTIVE ON THE DEPECTIVE OF TO A DEPECTIVE OF				
	 DIRECTLY INTO A PUBLIC WAY OR TO A YARD OR COURT THAT OPENS TO A PUBLIC WAY. (R 311.1) AT LEAST ONE DOOR SHALL BE 36" WIDE BY 80" HIGH. (R 311.2) PROVIDE MINIMUM 32" WIDE DOORS TO ALL INTERIOR ACCESSIBLE ROOMS. (R 311.2) THE SUTEVICE DOORS TO ALL INTERIOR ACCESSIBLE ROOMS. (R 311.2) 				
	4. THE ENTRY/EXIT DOOR MUST OPEN OVER A LANDING NOT MORE THAN 1.5" BELOW THE THRESHOLD. EXCEPTION: PROVIDING THE DOOR DOES NOT SWING OVER THE LANDING. LANDING SHALL BE NOT MORE THAN 7.75" BELOW THE THRESHOLD. STORM AND SCREEN DOORS ARE PERMITTED TO SWING OVER ALL EXTERIOR STAIRS AND LANDINGS. (R 311.3.1)				
	 LANDING AT A DOOR SHALL HAVE A LENGTH MEASURED IN THE DIRECTION OF TRAVEL OF NO LESS THAN 36". (R 311.3) A LANDING SHALL BE PROVIDED AT THE TOP AND BOTTOM OF STAIRWAYS. (R 311.7.6) STAIRWAY DETAILS :)		REVISIONS	
	 A. 7.75" MAXIMUM RISE & MINIMUM 10" RUN. (R 311.7.5) B. MINIMUM 6'-8" HEADROOM CLEARANCE. (R 311.7.2) C. MINIMUM 36" CLEAR WIDTH. (R 311.7.1) 	NO.	DESCRIPTIO		DATE
	 D. HANDRAILS 34" TO 38" HIGH ABOVE TREAD NOSING (R 311.7.8.1) E. HANDGRIP PORTION OF HANDRAIL SHALL NOT BE LESS THAN 1.25" AND NO MORE THAN 2" CROSS- SECTIONAL DIMENSION HAVING A SMOOTH SURFACE WITH NO SHARP CORNERS. (R 311.7.8.5) 				
	 F. MAXIMUM 4" CLEAR SPACING OPENING BETWEEN RAILS. (R 312.1.3) 8. ALL INTERIOR AND EXTERIOR STAIRWAYS SHALL BE ILLUMINATED. (R 303.7) 9. FOR GLASS HANDRAILS AND GUARDS, THE PANELS AND THEIR SUPPORT SYSTEM SHALL BE DESIGNED TO WITHSTAND 	, ,			
	THE LOADS SPECIFIED IN CHAPTER 16 OF CBC. A SAFETY FACTOR OF FOUR SHALL BE USED. THE MINIMUM NOMINAL THICKNESS OF THE GLASS SHALL BE 1/4 INCH. (CBC 2407) 10. PROVIDE EMERGENCY EGRESS FROM SLEEPING ROOMS AND BASEMENTS. SHOW DETAILS ON PLANS. MINIMUM - 24"				
	CLEAR HEIGHT, 20" CLEAR WIDTH, 5.7 SF MINIMUM AREA (5.0 SF AT GRADE LEVEL) & 44" MAXIMUM TO SILL. (R 310.2.1) 12. ENCLOSED ACCESSIBLE SPACE UNDER STAIR SHALL HAVE WALLS, UNDER-STAIR SURFACE AND ANY SOFFITS PROTECTED ON THE ENCLOSED SIDE WITH 1/2 INCH GYPSUM BOARD. (R302.7)	 			
	FLOOR KEY NOTES :				
	 SHOWER OR TUB: BRAND AND MODEL NUMBER SHALL BE PROVIDED TO OWNER FOR APPROVAL PRIOR TO INSTALLATION. FIXTURE MUST MEET FLOW RATE REQUIREMENTS OF THE CGBSC. SEE PLUMBING PLAN FOR ADDITIONAL INFORMATION. WATER CLOSET: BRAND AND MODEL NUMBER SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO 		CIT	Y USE ONLY	
	 INSTALLATION. FIXTURE MUST MEET FLOW RATE REQUIREMENTS OF THE CGBSC. SEE PLUMBING PLAN FOR ADDITIONAL INFORMATION. BATH LAVATORY: BRAND AND MODEL NUMBER SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO 				
	 INSTALLATION. FIXTURE MUST MEET FLOW RATE REQUIREMENTS OF THE CGBSC. SEE PLUMBING PLAN FOR ADDITIONAL INFORMATION. KITCHEN SINK: BRAND AND MODEL NUMBER SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO INSTALLATION. FIXTURE MUST MEET FLOW RATE REQUIREMENTS OF THE CGBSC. SEE PLUMBING PLAN FOR 				
	ADDITIONAL INFORMATION. 5. WATER HEATER: BRAND AND MODEL NUMBER SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO INSTALLATION. MODEL SELECTED MUST MEET TITLE 24 REQUIREMENTS. SEE PLUMBING PLANS FOR ADDITIONAL INFORMATION.				
	 WASHER STACKED UNIT: BRAND NAME AND MODEL NUMBER SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO INSTALLATION. VERIFY MODEL'S DIMENSION PRIOR TO INSTALLATION. SEE MECHANICAL PLANS FOR ADDITIONAL INFORMATION. 				
	 ELECTRIC RANGE: BRAND NAME AND MODEL NUMBER SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO INSTALLATION. VERIFY MODEL'S DIMENSION PRIOR TO INSTALLATION AND COORDINATE WITH CABINET CONTRACTOR'S SHOP DRAWINGS. SEE MECHANICAL PLANS FOR ADDITIONAL INFORMATION. REFRIGERATOR: BRAND NAME AND MODEL NUMBER SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO 				
	 INSTALLATION. VERIFY MODEL'S DIMENSION PRIOR TO INSTALLATION AND COORDINATE WITH CABINET CONTRACTOR'S SHOP DRAWINGS. SEE PLUMBING PLANS FOR ADDITIONAL INFORMATION. HIGH WALL INDOOR UNIT: BRAND AND MODEL NUMBER SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO 				
	 INSTALLATION. MODEL SELECTED MUST MEET TITLE 24 REQUIREMENTS. SEE MECHANICAL PLANS FOR ADDITIONAL INFORMATION. GROUND MOUNTED CONDENSING UNIT. BRAND AND MODEL NUMBER SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO INSTALLATION. MODEL SELECTED MUST MEET TITLE 24 REQUIREMENTS. SEE MECHANICAL 				
	PLANS FOR ADDITIONAL INFORMATION. 11. ATTIC ACCESS: 22"X30" ATTIC ACCESS W/ 30" HEADROOM SHALL BE WEATHER-STRIPPED AND INSULATED EQUIVALENT TO THAT OF THE CEILING AND SHALL BE INSTALLED ON THE ACCESS PANEL. SEE DETAIL C/A.5 FOR ADDITIONAL INFORMATION.	г			
	 BASE CABINET: CABINET CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR OWNERS APPROVAL PRIOR TO BUILDING AND INSTALLATION OF CABINET. OVERHEAD CABINET OVER BASE: CABINET CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR OWNERS APPROVAL 				
	 PRIOR TO BUILDING AND INSTALLATION OF CABINET. 14. OVERHEAD CABINET OVER REFRIGERATOR: CABINET CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR OWNERS APPROVAL PRIOR TO BUILDING AND INSTALLATION OF CABINET. 16. CONCRETE LANDING: 3-1/2" CONCRETE LANDING W/ BROOM FINISH AND SLOPE AWAY FROM BUILDING. SEE 		NG TITLE		/
	FOUNDATION PLAN FOR ADDITIONAL INFORMATION.			PLAN	_
	SYMBOL DESCRIPTION		OHC	H OPT	ION)
	EXTERIOR WALL: 2X6 D.F.#2 STUDS AT 16" O.C. W/R-21 BATT INSULATION. EXTERIOR FINISH PER EXTERIOR OPTIONS, SEE BUILDING ELEVATIONS. INTERIOR FINISH 1/2" GYPSUM BOARD UNLESS NOTED				
	OTHERWISE. INTERIOR WALL: 2X4 D.F.#2 STUDS AT 16" O.C. INTERIOR FINISH 1/2" GYPSUM BOARD AT BOTH SIDES OF STUDS UNLESS NOTED OTHERWISE.			SHEET NO.	
		JOB# : DATE: SCALE:	TADU-001 2-Jun-23 AS NOTED		1
				/ \	. 1

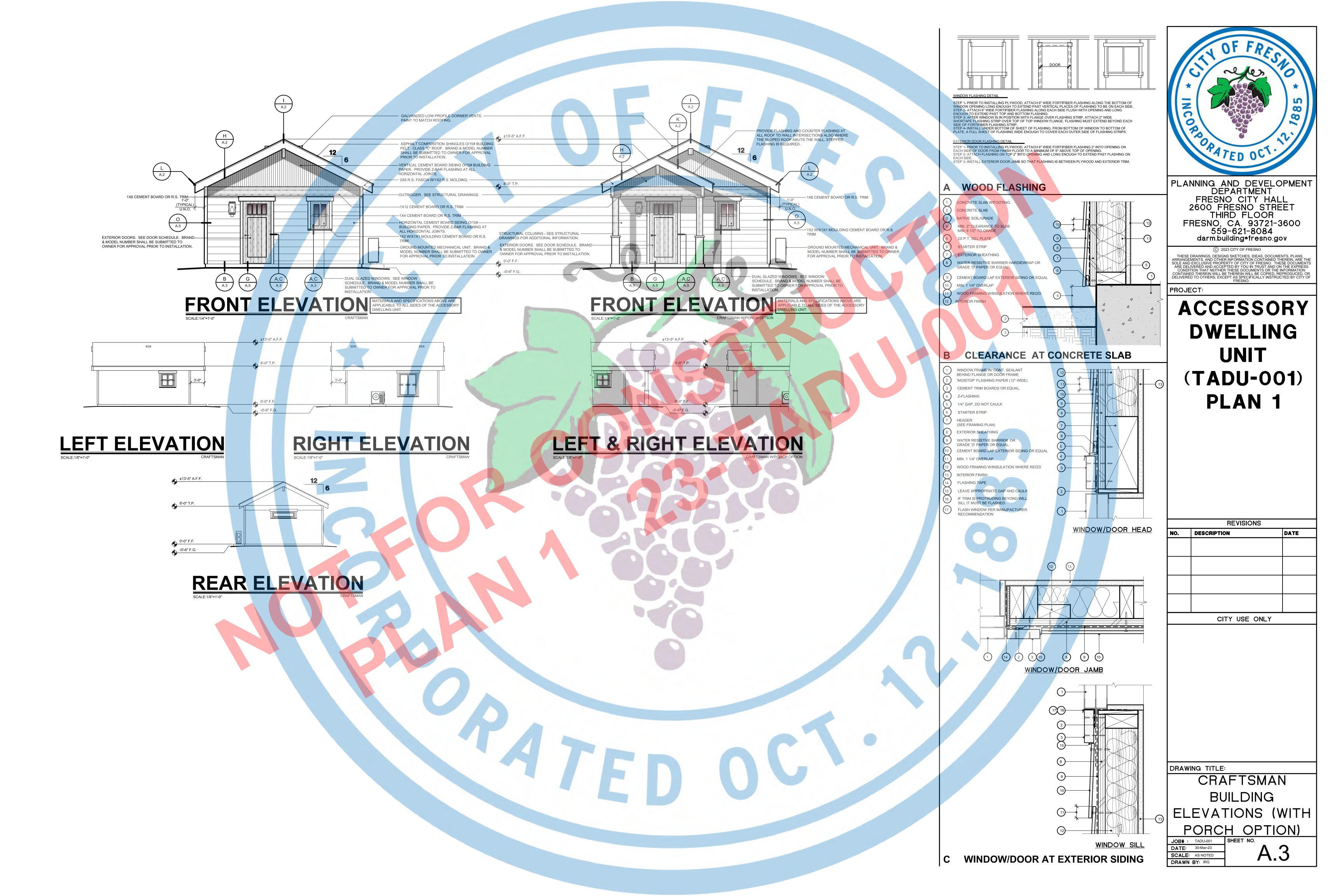
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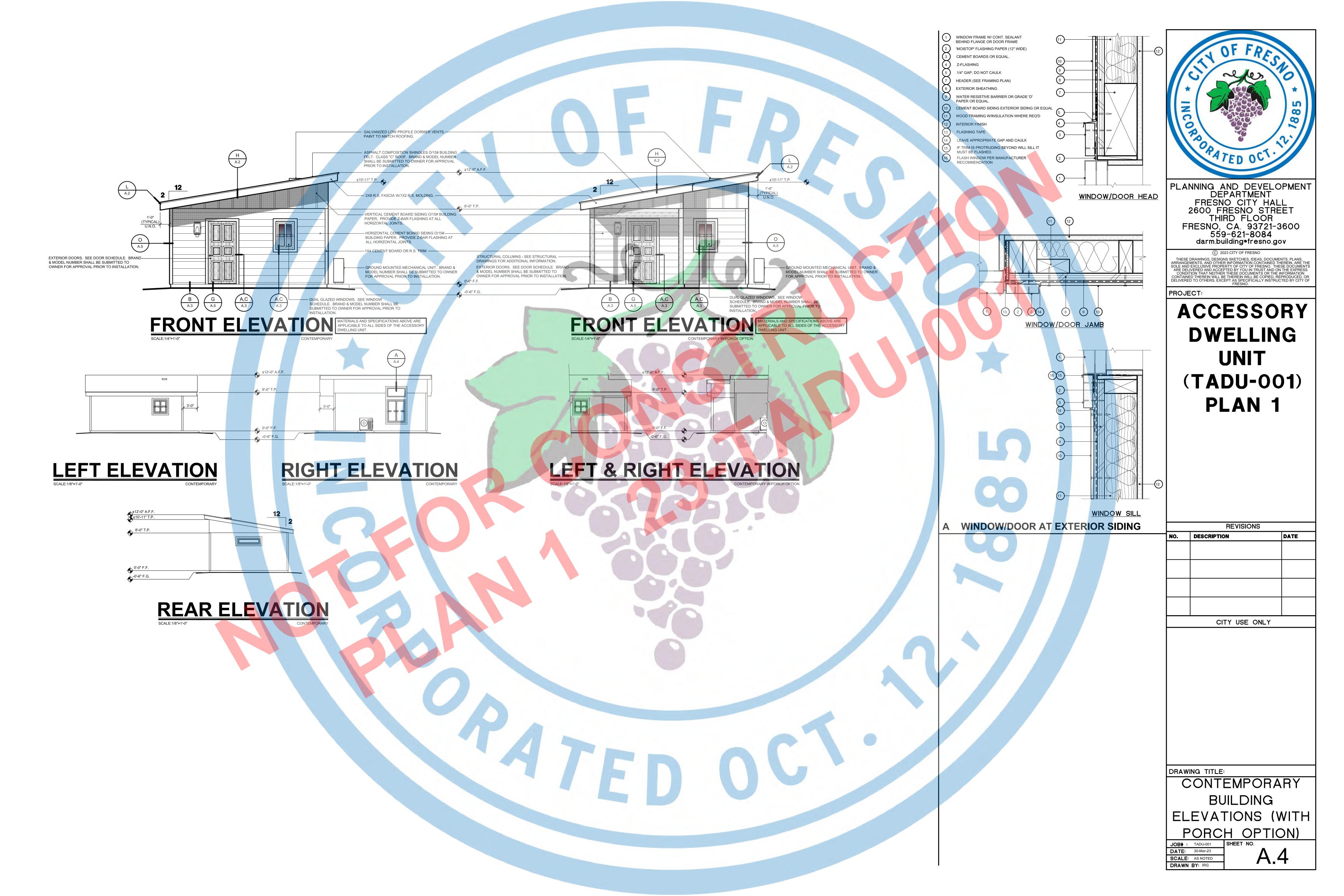


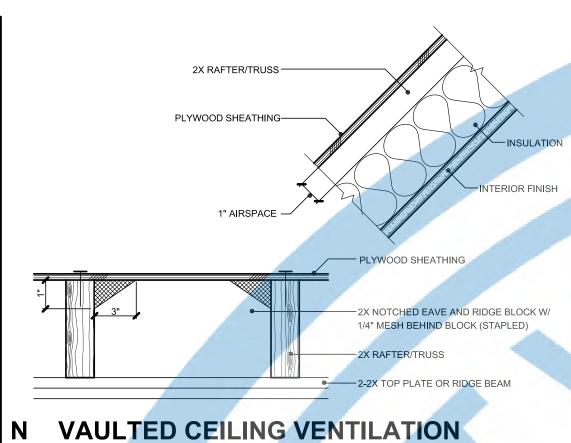


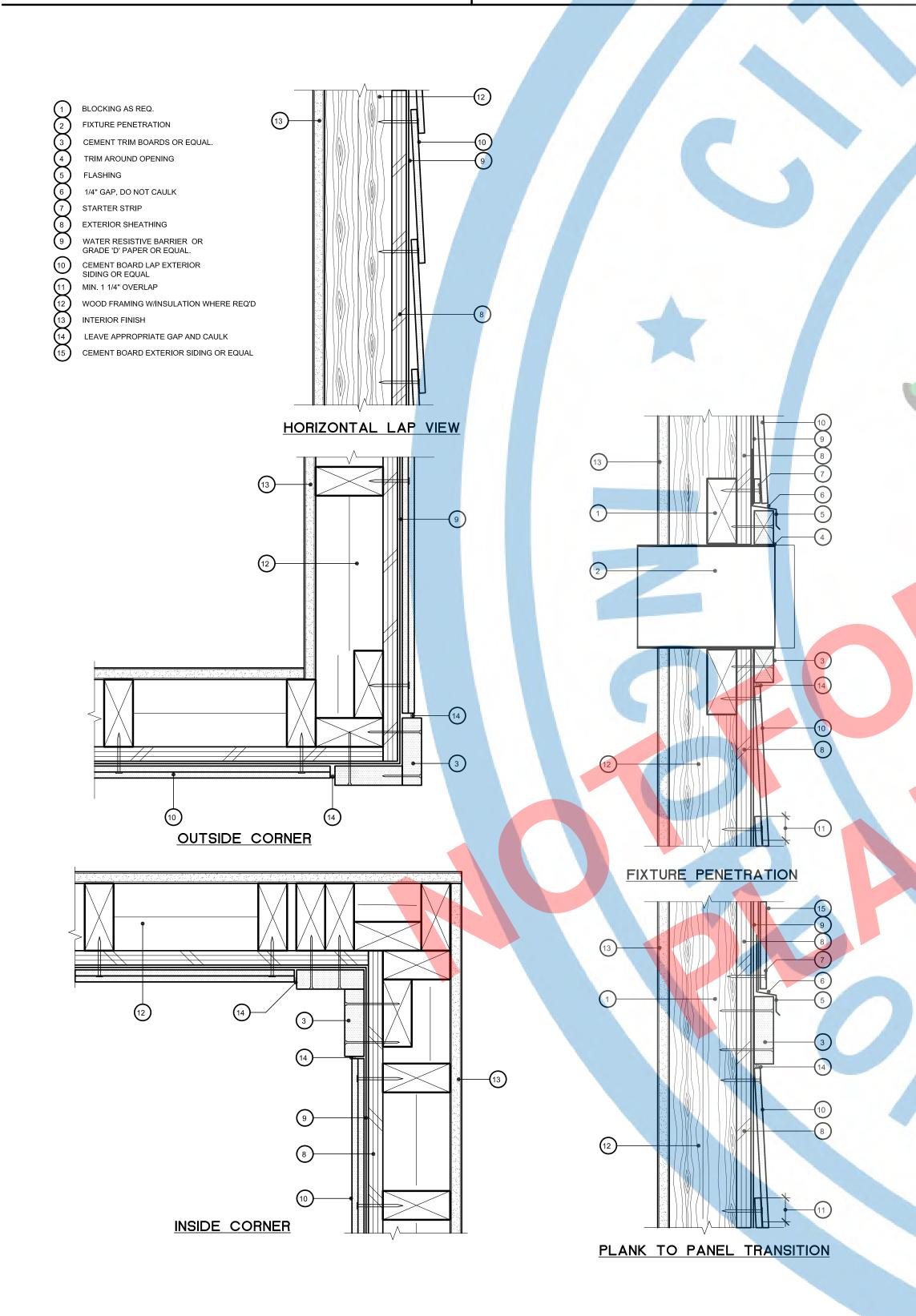


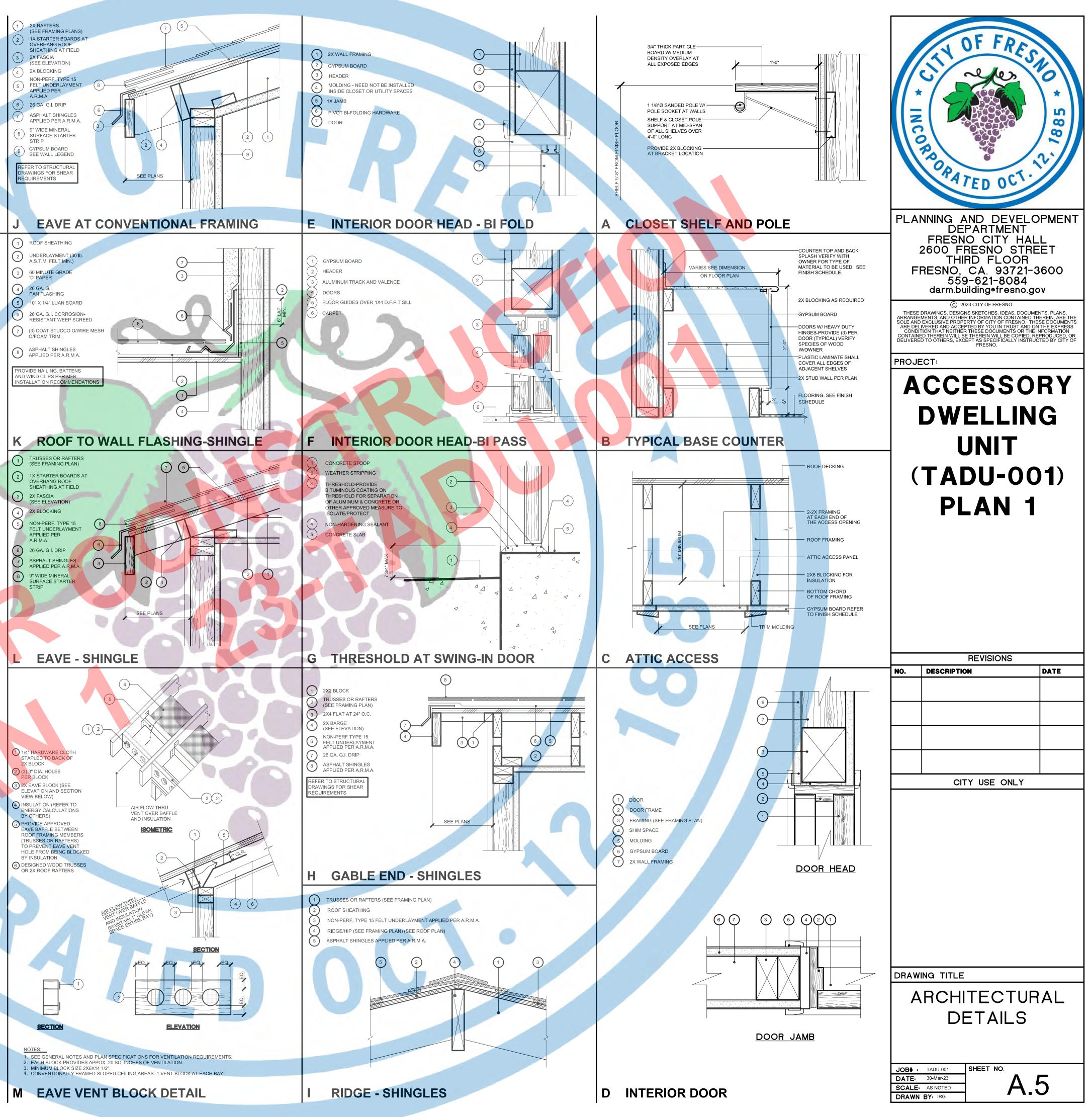


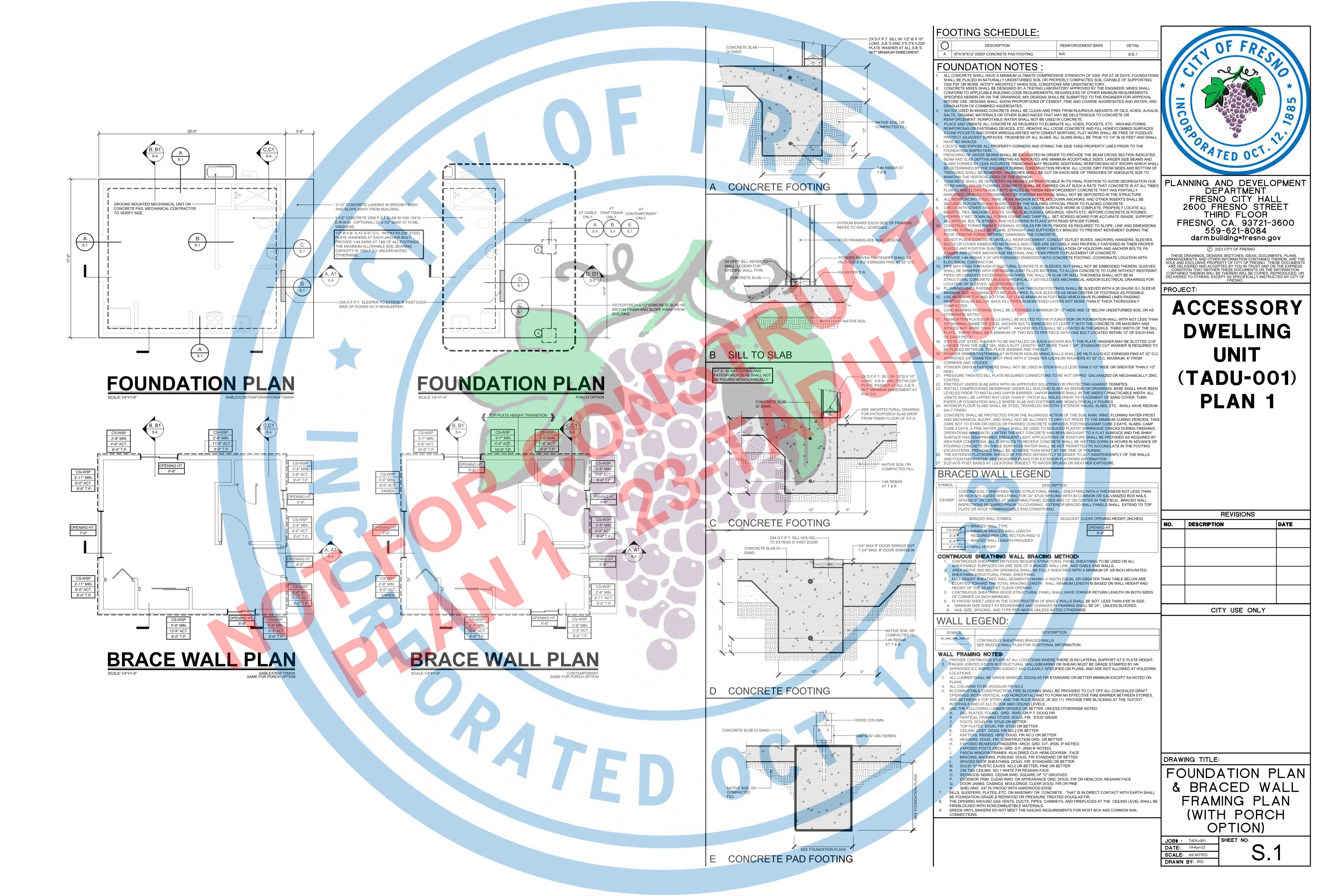


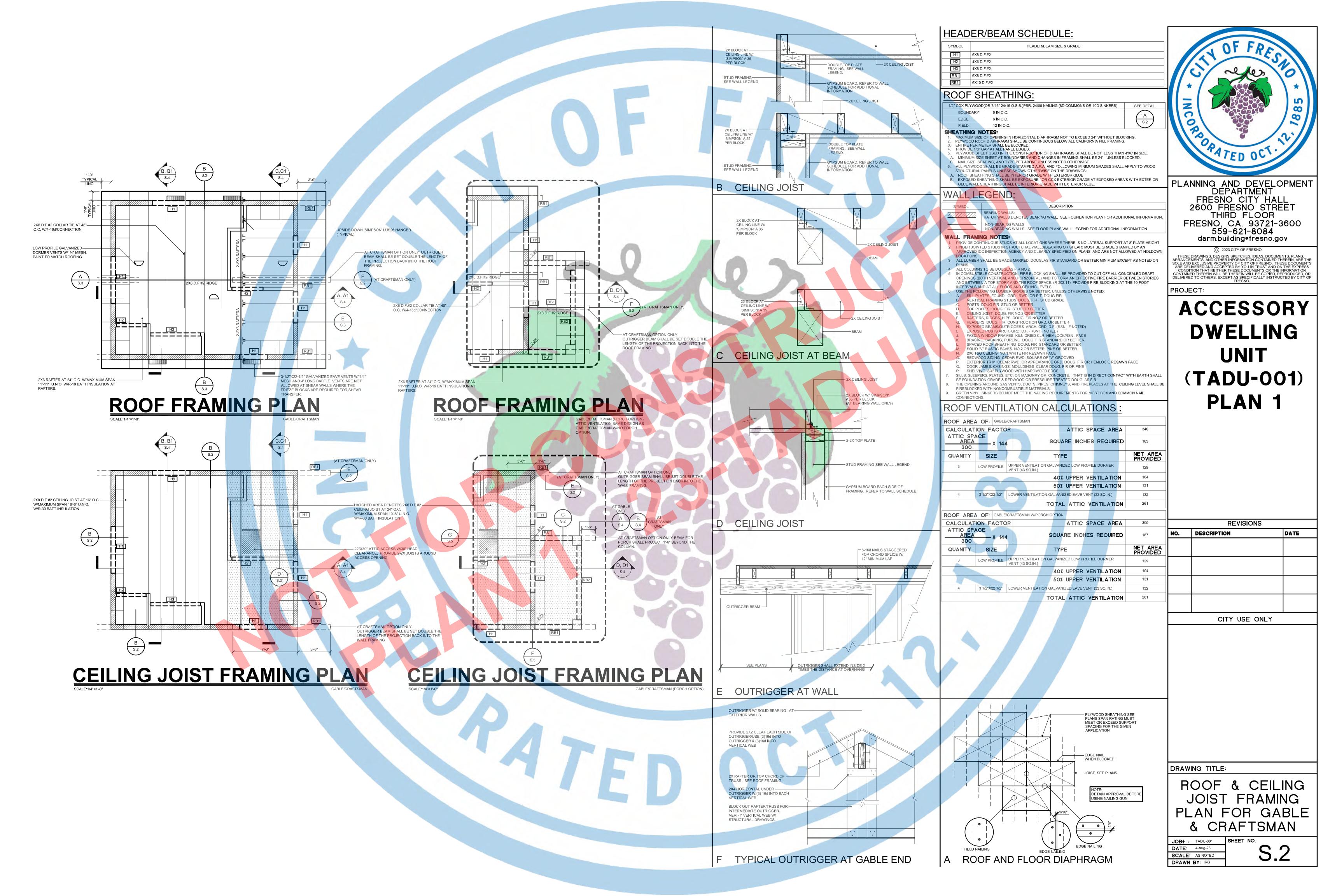


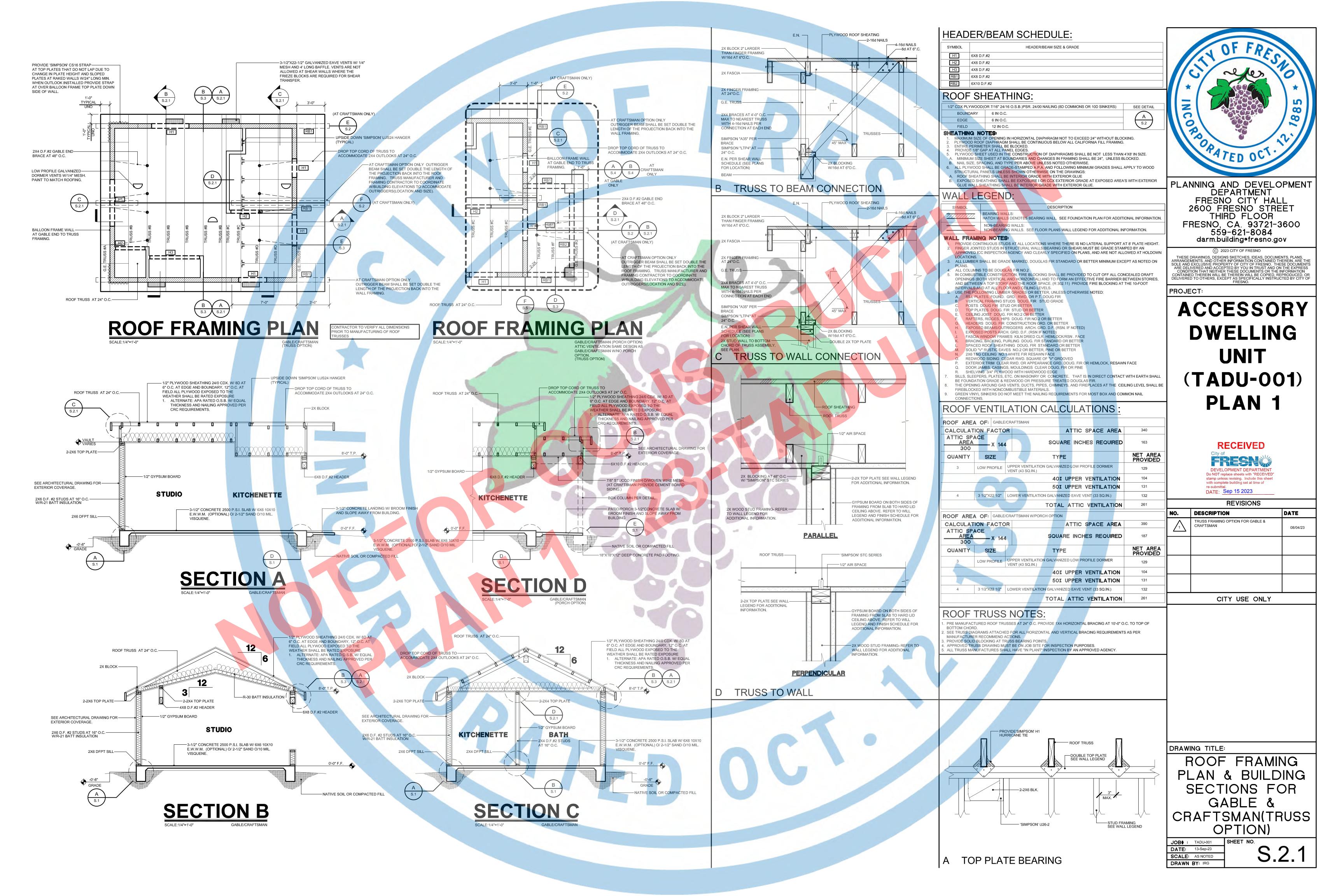


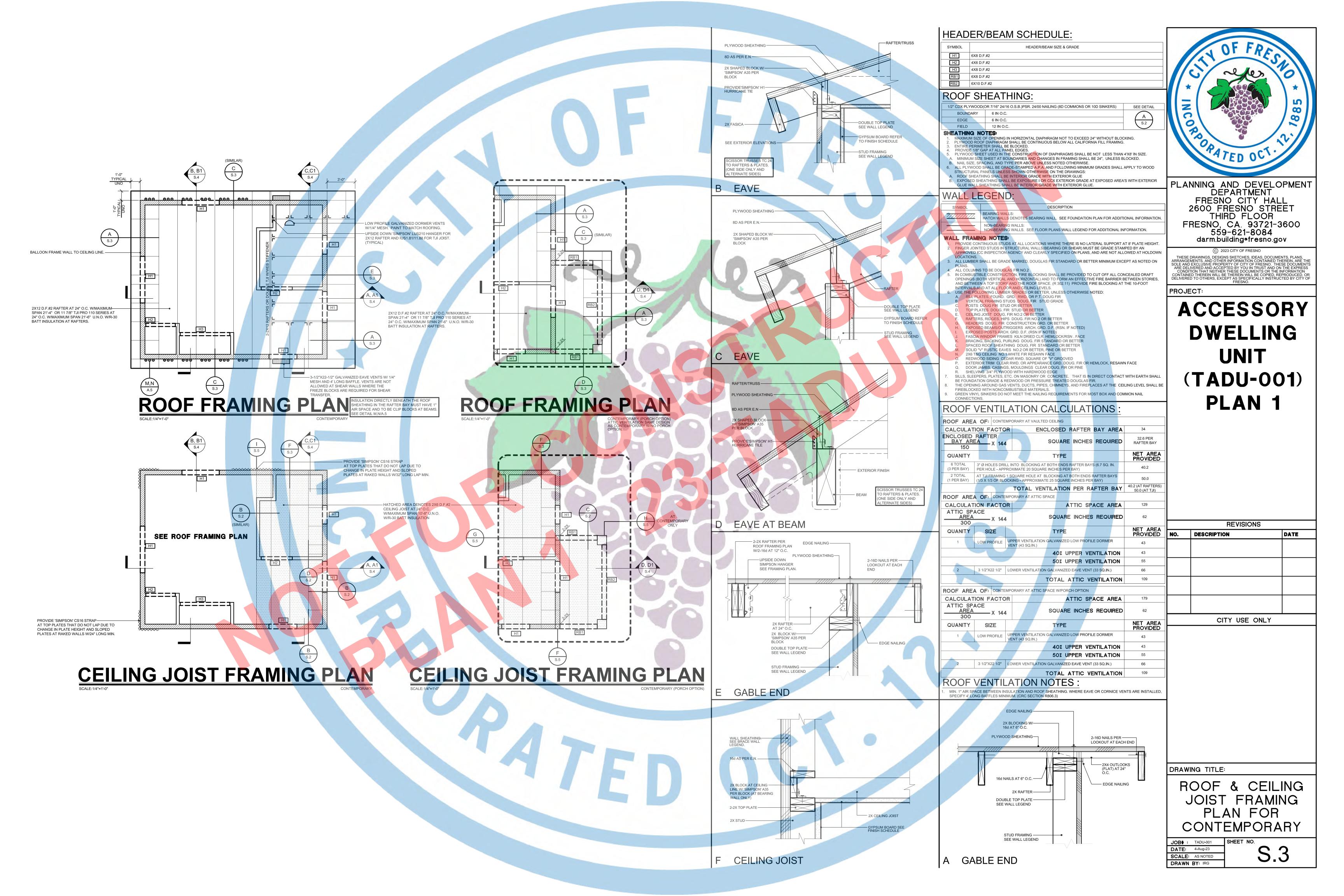


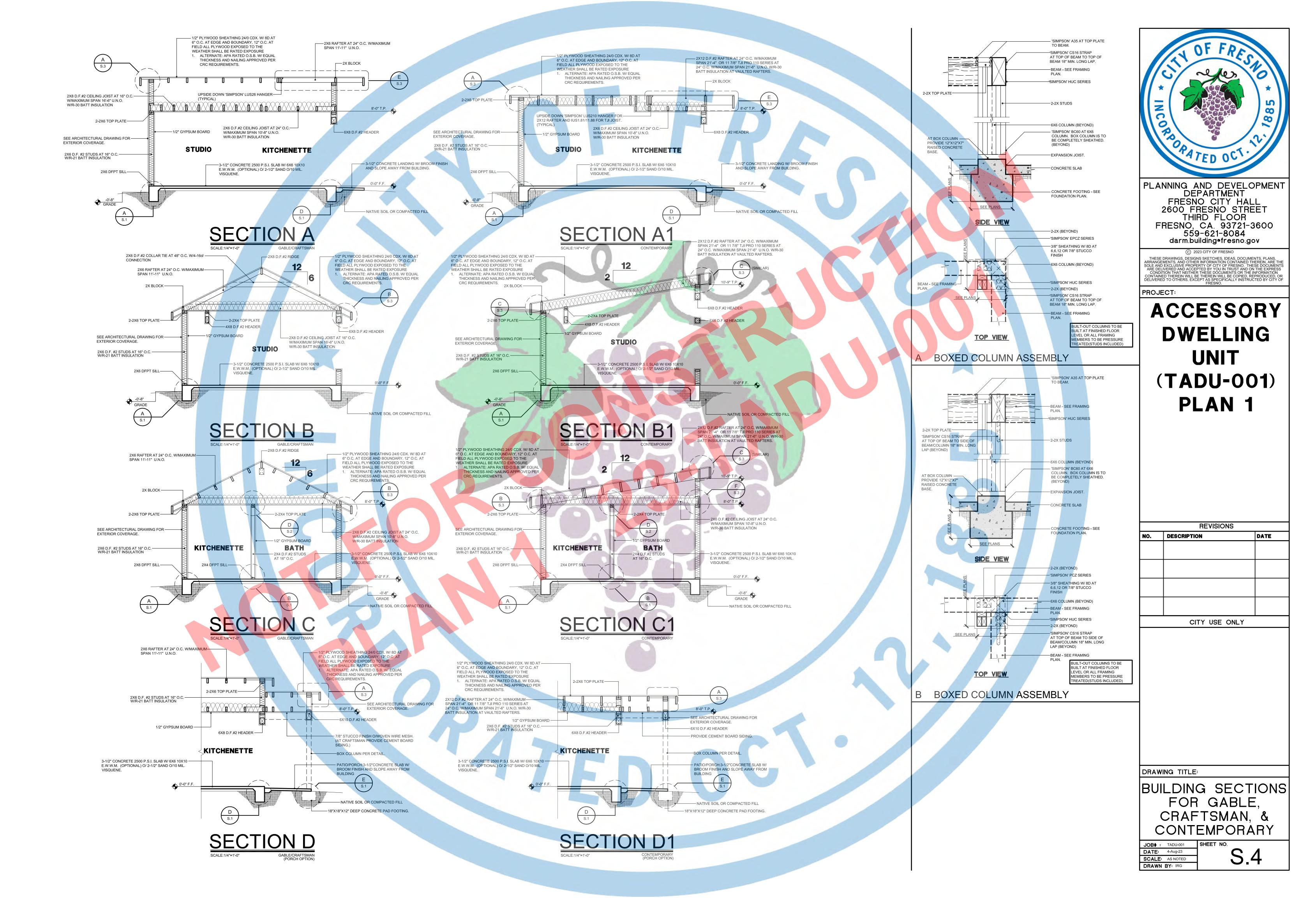


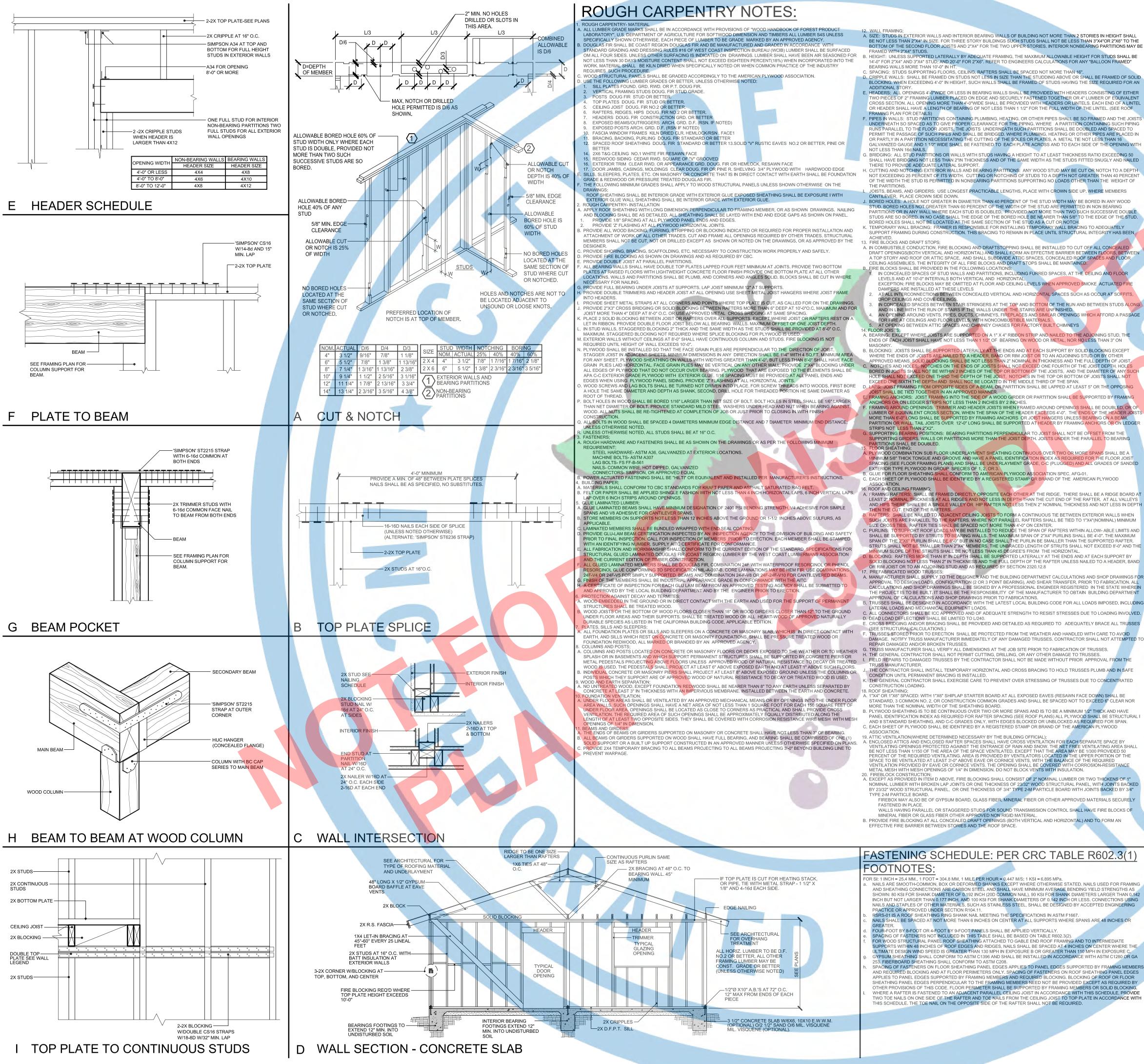


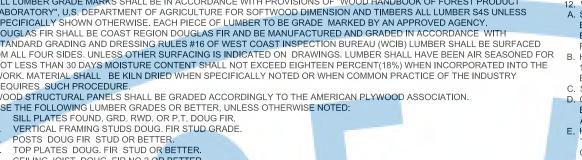












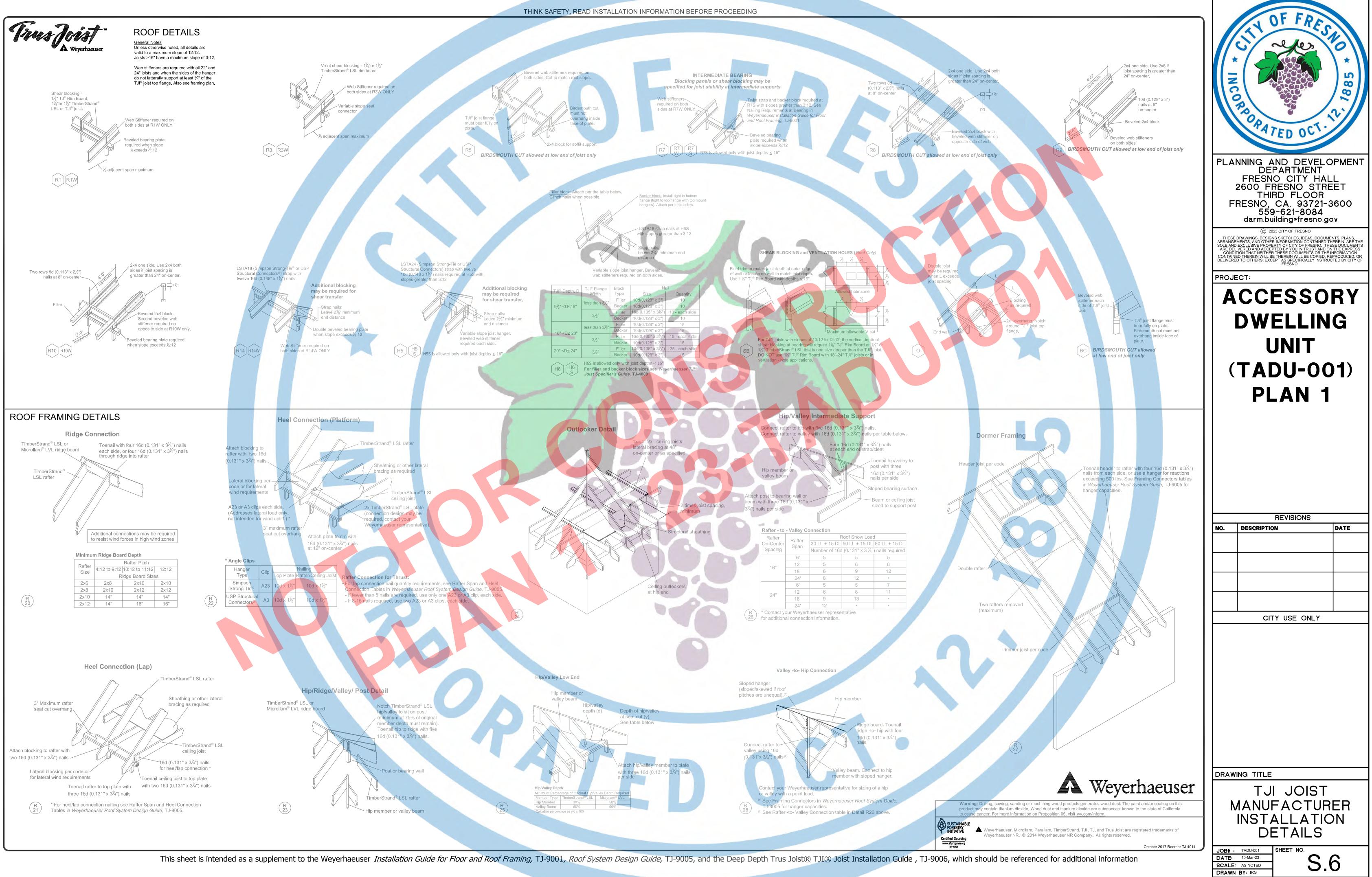
DRAFT OPENINGS(BOTH VERTICAL AND HORIZONTAL) AND SHALL FORM AN EFFECTIVE BARRIER BETWEEN FLOORS, BETWEI A TOP STORY AND ROOF OR ATTIC SPACE, AND SHALL SUBDIVIDE ATTIC SPACES, CONCEALED ROOF SPACES AND FLOOR IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES, AT THE CEILING AND FLOOR EXCEPTION: FIRE BLOCKS MAY BE OMITTED AT FLOOR AND CEILING LEVELS WHEN APPROVED SMOKE ACTUATED FIF AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS DROP CEILINGS AND COVE CEILINGS. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN AND BETWEEN STUDS ALON AND IN LINE WITH THE RUN OF STAIRS IF THE WALLS UNDER THE STAIRS ARE UNFINISHED. AN OPENING AROUND VENTS, PIPES, DUCTS, CHIMNEYS, FIREPLACES AND SIMILAR OPENINGS WHICH AFFORD A PASSAGE PT WHERE JOISTS ARE SUPPORTED ON A 1" X 4" RIBBON STRIP AND NAILED TO THE ADJOINING STUD, THE

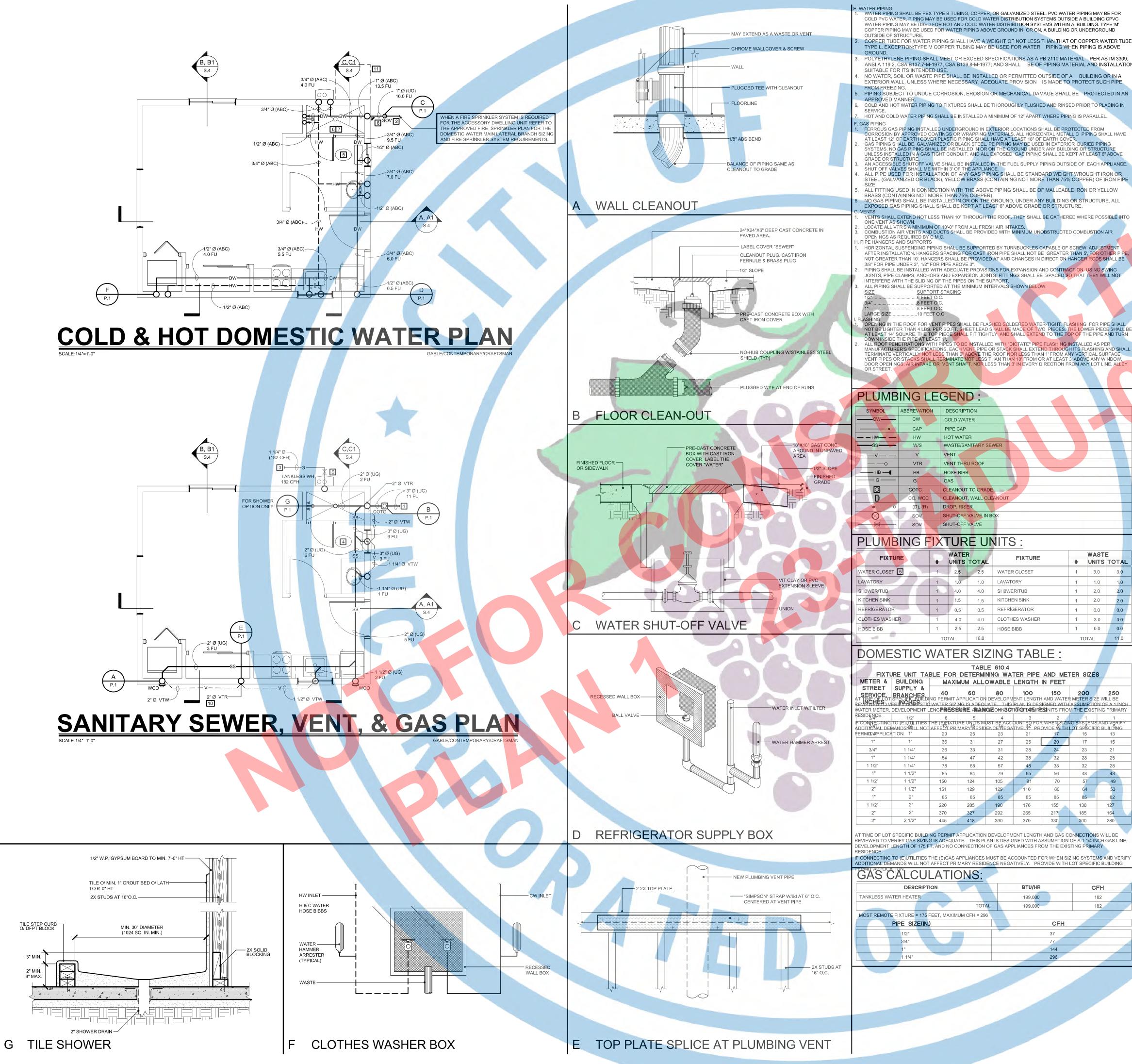
JOIST FRAMING FROM OPPOSITE SIDES OF A BEAM, OR PARTITION SHALL BE LAPPED AT LEAST 5" OR THE OPPOSING ING ANCHORS: JOIST FRAMING INTO THE SIDE OF A WOOD GIRDER OR PARTITION SHALL BE SUPPORTED BY FRAMIN ING AROUND OPENINGS: TRIMMER AND HEADER JOISTS WHEN FRAMED AROUND OPENINGS SHALL BE DOUBLED, OR UPPORTING GIRDERS, WALLS OR PARTITIONS MORE THAN THE JOIST DEPTH. JOISTS UNDER THE PARALLEL TO BEARING UM 5/8" THICK TONGUE AND GROOVE AND HAVE A PANEL IDENTIFICATION INDEX AS REQUIRED FOR THE FLOOR JOIST

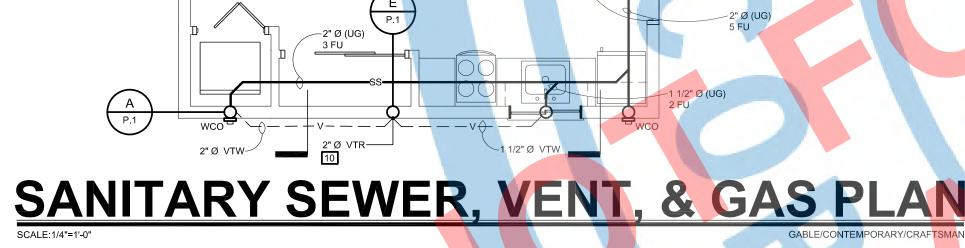
B. PLYWOOD SHEATHING IS TO BE CONTINUOUS OVER TWO OR MORE SPANS AND IS TO BE A MINIMUM 1/2" THICK AND HAVE PANEL IDENTIFICATION INDEX AS REQUIRED FOR RAFTER SPACING (SEE ROOF PLANS) ALL PLYWOOD SHALL BE STRUCTURAL I AND II STANDARD SHEATHING, AND C-C GRADES ONLY, WITH EDGES BLOCKED OR UNBLOCKED AS REQUIRED FOR SPAN. ASSOCIATION. 19. ATTIC VENTILATION (WHERE DETERMINED NECESSARY BY THE BUILDING OFFICIAL); A. ENCLOSED ATTICS AND ENCLOSED RAFTER SPACES SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN AND SNOW. THE NET FREE VENTILATING AREA SHALL BE NOT LESS THAN 1/150 OF THE AREA OF THE SPACE VENTILATED, EXCEPT THAT THE AREA MAY BE 1/300 PROVIDED 50 DEPOSITION FOR THE DEPONDENT OF THE SPACE VENTILATED, EXCEPT THAT THE AREA MAY BE 1/300 PROVIDED 50 DEPOSITION FOR THE AREA OF THE SPACE VENTILATED, EXCEPT THAT THE AREA MAY BE 1/300 PROVIDED 50 PERCENT OF THE REQUIRED VENTILATING. AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE

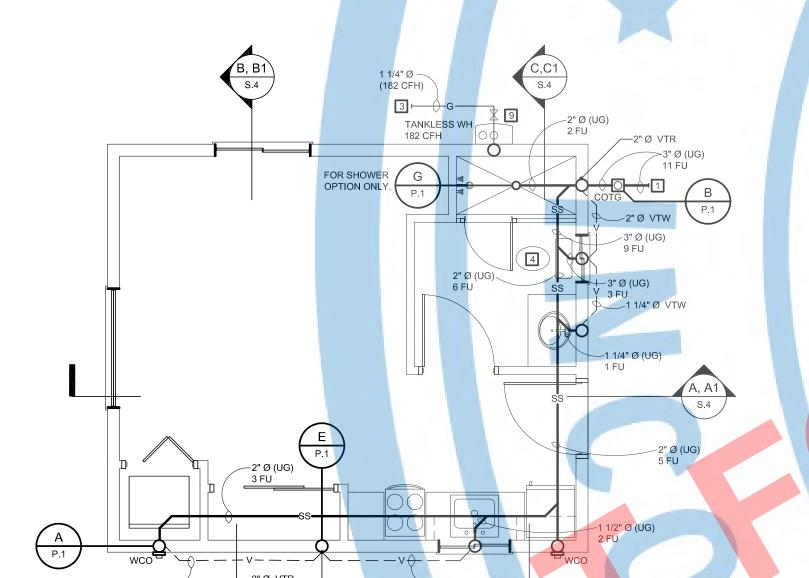
20. FIREBLOCK CONSTRUCTION; A. EXCEPT AS PROVIDED IN ITEM D ABOVE, FIRE BLOCKING SHALL CONSIST OF 2" NOMINAL LUMBER OR TWO THICKENS OF 1" NOMINAL LUMBER WITH BROKEN LAP JOINTS OR ONE THICKNESS OF 23/32" WOOD STRUCTURAL PANEL, WITH JOINTS BACKEE BY 23/32" WOOD STRUCTURAL PANEL, OR ONE THICKNESS OF 3/4" TYPE 2-M PARTICLE BOARD WITH JOINTS BACKED BY 3/4" FIREBOX MAY ALSO BE OF GYPSUM BOARD, GLASS FIBER, MINERAL FIBER OR OTHER APPROVED MATERIALS SECURELY WALLS HAVING PARALLEL OR STAGGERED STUDS FOR SOUND TRANSMISSION CONTROL SHALL HAVE FIRE BLOCKS OF MINERAL FIBER OR GLASS FIBER OTHER APPROVED NON RIGID MATERIAL. B. PROVIDE FIRE BLOCKING AT ALL CONCEALED **DRAFT OPENINGS** (BOTH VERTICAL AND HORIZONTAL) AND TO FORM AN

	FA	STENING SCH	EDULE: PER CRC TA		<u>`</u>	1		F		
		BUILDING ELEMENTS BLOCKING BETWEEN CEILING	NUMBER AND TYPE OF FASTENER ^{a.b.c} ROOF 4-8d BOX (2 1/2" × 0.113"); OR	SPACING AND	LOCATION			1 10	RE	
		JOISTS, RAFTERS OR TRUSSES TO TOP PLATE OR OTHER FRAMING BELOW BLOCKING BETWEEN RAFTERS	3-8d COMMON (2 1/2" × 0.131"); OR 3-10d BOX (3" × 0.128"); OR 3-3" × 0.131" NAILS 2-8d COMMON (2 1/2" × 0.131"); OR	TOE N	AIL		>/	~ le	n	10
	1	OR TRUSS NOT AT THE WALL TOP PLATES, TO RAFTER OR TRUSS FLAT BLOCKING TO TRUSS AND WEB FILLER	2-30 COMMON (2 1/2 × 0.131), OR 2-3" × 0.131" NAILS 2-16d COMMON (3 1/2" × 0.162"); OR 3-3" × 0.131" NAILS	EACH END T		*	15	Keel		\ *
ľ	2	CEILING JOISTS TO TOP PLATE	4-8d BOX (2 1/2" × 0.113"); OR 3-8d COMMON (2 1/2" × 0.131"); OR 3-10d BOX (3" × 0.128"); OR	PER JOIST	, TOE NAIL		T	DE SS	EX)	LO I
ŀ	3	CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER PARTITIONS [SEE SECTION	3-16d COMMON (3 1/2" × 0.162"); OR	FACE	NAIL	NC		OS CO	çō r	8
	4	CEILING JOIST ATTACHED TO PARALLEL RAFTER (HEEL JOINT) [SEE SECTION R802.5.2 AND	4-3" × 0.131" NAILS TABLE R802.5.2(1)	FACE	ΝΔΙΙ		0		/	
	5	COLLAR TIE TO RAFTER, FACE	4-10d BOX (3" × 0.128"); OR 3-10d COMMON (3" × 0.148"); OR	FACE NAIL EA			PA	-	1	
ŀ		RAFTER OR ROOF TRUSS TO PLATE	4-3" × 0.131" NAILS 3-16d BOX (3 1/2" × 0.135"); OR 3-10d COMMON (3" × 0.148"); OR 4-10d BOX (3" × 0.128"); OR	2 TOE NAILS ON TOE NAIL ON OP			ORORA	TED (10.	
			4-3" × 0.131" NAILS 4-3" × 0.131" NAILS 4-16d BOX (3 1/2" × 0.135"); OR 3-10d COMMON (3" × 0.148"); OR	EACH RAFTER O						
	7	ROOF RAFTERS TO RIDGE, VALLEY OR HIP RAFTERS OR ROOF RAFTER TO MINIMUM 2" RIDGE BEAM	4-10d BOX (3" × 0.128"); OR 4-3" × 0.131" NAILS 3-16d BOX (3 1/2" × 0.135"); OR	TOE N			DE	PARTN	IENT	
			2-16d COMMON (3 1/2" × 0.162"); OR 3-10d BOX (3" × 0.128"); OR 3-3" × 0.131" NAILS WALL	END	IAIL	2	2600 F		STR	LL EET
1	8	STUD TO STUD (NOT AT BRACED WALL PANELS)	16d COMMON (3 1/2"X0.162") 10d BOX (3"X0.128"); OR	24" O.C. FA		FF	RESNO,		3721-	3600
	9	CORNERS (AT BRACED WALL	3"X0.131 NAILS 16d BOX (3 1/2"X0.135"); OR 3"X0.131 NAILS	12" O.C. F/ 16" O.C. F/	ACE NAIL	-		9-621-8 uilding®fr		ov
	10	PANELS) BUILT-UP HEADER (2" TO 2" HEADER WITH 1/2" SPACER)	16d COMMON (3 1/2"X0.162") 16d COMMON (3 1/2"X0.162") 16 BOX (3 1/2"X0.135")	16" O.C. EACH 12" O.C. EACH	H FACE NAIL	THESE D	0	023 CITY OF FRE		IENTS, PLANS,
	_	CONTINUOUS HEADER TO STUD	5-8d BOX (2 1/2" × 0.113"); OR 4-8d COMMON (2 1/2" × 0.131"); OR 4-10d BOX (3" × 0.128") 4-16d BOX (3 1/2"× 0.135"); OR	TOE	NAIL		ON THAT NEITHE	R THESE DOCUM	IENTS OR THE	IENTS, PLANS, THEREIN, ARE THE IESE DOCUMENTS DN THE EXPRESS E INFORMATION REPRODUCED OR
	12	ADJACENT FULL-HEIGHT STUD TO END OF HEADER	3-16d COMMON (3 1/2" × 0.162"); OR 4-10d BOX (3" × 0.128"); OR 4-3" × 0.131" NAILS			DELIVERED	TO OTHERS, EXC	BE THEREIN WILL CEPT AS SPECIFI FRESNO.		REPRODUCED, OR JCTED BY CITY OF
	13	TOP PLATE TO TOP PLATE	16d COMMON (3 1/2" × 0.162") 10d BOX (3" × 0.128"); OR 3" × 0.131" NAILS	16" O.C. FA 12" O.C. FA	ACE NAIL	PROJE			_	
	14	DOUBLE TOP PLATE SPLICE	8-16d COMMON (3 1/2" × 0.162"); OR 12-16d BOX (3 1/2" × 0.135"); OR 12-10d BOX (3" × 0.128"); OR 12-3" × 0.131" NAILS1	FACE NAIL ON EAC JOINT (MINIMUM 24 LENGTH EACH SID	4" LAP SPLICE	A	CC	ES:	SO	RY
	15	BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (NOT AT BRACED WALL PANELS)	16d COMMON (3 1/2"X0.162") 16d BOX (3 1/2" × 0.135"); OR 3" × 0.131" NAILS	16" O.C. FA 12" O.C. FA				C I I		
F	16	BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (AT BRACED WALL PANEL)	ROOF 3-16d BOX (3 1/2" × 0.135"); OR 2-16d COMMON (3 1/2" × 0.162"); OR	16" O.C. FA	ACE NAIL		W C	CLI		U
; -		(AT BRACED WALL PANEL)	4-3" × 0.131" NAILS 4-8d BOX (2 1/2" × 0.113"); OR 3-16d BOX (3 1/2" × 0.135"); OR 4-8d COMMON (2 1/2" × 0.131"); OR	TOE N			l	JNI	Т	
	17	TOP OR BOTTOM PLATE TO STUD	4-10d BOX (3" × 0.128"); OR 4-3" × 0.131" NAILS 3-16d BOX (3 1/2" × 0.135"); OR			/'			_	
			2-16d COMMON (3 1/2" × 0.162"); OR 3-10d BOX (3" × 0.128"); OR 3-3" × 0.131" NAILS 3-10d BOX (3" × 0.128"); OR	END	JAIL		ΤΑΙ	50.	.01	JI)
	18	TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	2-16d COMMON (3 1/2" × 0.162"); OR 3-3" × 0.131" NALS 3-8d BOX (2 1/2" × 0.113"); OR	FACE	NAIL	-	Pl		J 1	
	19	1" BRACE TO EACH STUD AND PLATE	2-8d COMMON (2 1/2" × 0.131"); OR 2-10d BOX (3" × 0.128"); OR 2 STAPLES 1 3/4"	FACE	NAIL	_				
	20	1"X6" SHEATHING TO EACH BEARING	3-8d BOX (2 1/2" × 0.113"); OR 2-8d COMMON (2 1/2" × 0.131"); OR 2-10d BOX (3" × 0.128"); OR 2 STAPLES, 1" CROWN, 16 GA., 1 3/4" LONG	FACE	NAIL					
			3-8d BOX (2 1/2" × 0.113"); OR 3-8d COMMON (2 1/2" × 0.131"); OR 3-10d BOX (3" × 0.128"); OR							
	21	1"X8" AND WIDER SHEATHING TO EACH BEARING	3 STAPLES, 1" CROWN, 16 GA., 1 3/4" LONG WIDER THAN 1" × 8" 4-8d BOX (2 1/2" × 0.113"); OR 3-8d COMMON (2 1/2" × 0.131"); OR	FACE	NAIL					
٦ -			3-10d BOX (3" × 0.128"); OR 4 STAPLES, 1" CROWN, 16 GA., 1 3/4" LONG FLOOR			_				
	22	JOIST TO SILL, TOP PLATE OR GIRDER	4-8d BOX (2 1/2" × 0.113"); OR 3-8d COMMON (2 1/2" × 0.131"); OR 3-10d BOX (3" × 0.128"); OR 3-3" × 0.131" NALS	TOE N	AIL					
6	23	RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO)	8d BOX (2 1/2"X0.113")	4" O.C. TO 6" O.C. TO		-				
-	24	1"X6" SUBFLOOR OR LESS TO EACH JOIST	3"X0.131" NAILS 3-8d BOX (2 1/2" × 0.113"); OR 2-8d COMMON (2 1/2" × 0.131"); OR 3-10d BOX (3" × 0.128"); OR	FACE		NO.	DESCRIPTIO	REVISIO	NS	DATE
	25	2" SUBFLOOR TO JOIST OR GIRDER	3-10d BOX (3" × 0.128"); OR 2 STAPLES, 1" CROWN, 16 GA., 1 3/4" LONG 3-16d BOX (3 1/2" × 0.135"); OR 2-16d COMMON (3 1/2" × 0.162")	BLIND AND	FACE NAIL					
	26	2" PLANKS (PLANK & BEAM - FLOOR & ROOF)	3-16d BOX (3 1/2"X0.135") OR 2-16d COMMON (3 1/2"X0.162") 3-16d COMMON (3 1/2"X0.162"); OR	AT EACH BEARI	ING, FACE NAIL					
	27	BAND OR RIM JOIST TO JOIST	4-10d BOX (3"X0.128"); OR 4-3"X 0.131" NAILS; OR 4-3"X14 GA. STAPLES, 7/16" CROWN	END						
	00	BUILT-UP GIRDERS AND BEAMS,	20d COMMON (4"X0.192"); OR 10d BOX (3"X0.128"); OR	O.C. AT TOP AND BO STAGGERED. 24" O.C. FACE NAIL	AT TOP AND					
	28	2-INCH LUMBER LAYERS	3"X0.131" NAILS AND: 2-20d COMMON (4"X0.192"); OR 3-10d BOX (3"X0.128"); OR	BOTTOM STAGGER		-				
	29	LEDGER STRIP SUPPORTING	3-3"X0.131" NAILS 4-16d BOX (3 1/2"X0.135"); OR 3-16d COMMON (3 1/2"X0.162"); OR	SPLICE AT EACH JOIST OR NAIL	RAFTER, FACE		CI	TY USE (ONLY	
	30	JOISTS OR RAFTERS BRIDGING OR BLOCKING TO JOIST, RAFTER OR TRUSS	4-10d BOX (3"x0.128"); OR 4-3"X0.131 NAILS 2-10d BOX (3" × 0.128"); OR 2-8d COMMON (2 1/2" × 0.131"); OR	EACH END,	TOE NAIL	-				
	TEM	DESCRIPTION OF BUILDING ELEMENTS	2-3" × 0.131" NAILS NUMBER AND TYPE OF FASTENER ^{a,b,c}	SPACING ANE EDGES ^h (INCHES)		-				
		OD STRUCTURAL PANELS, SUBFLC	OOR, ROOF AND INTERIOR WALL SHEATHING TO FR/ R602.3(3) FOR WOOD STRUCTURAL EXTERIOR WAI	AMING AND PARTICLE	(INCHES) E BOARD WALL	-				
	31	3/8"-1/2"	6D COMMON OR DEFORMED (2" × 0.113"× 0.266" HEAD); OR 2 3/8" × 0.113" × 0.266" HEAD NAIL (SUBFLOOR,	6	6 ^f					
			WALL) ¹ 8D COMMON (2 1/2" × 0.131") NAIL (ROOF); OR RSRS-01 (2 3/8" × 0.113") NAIL (ROOF) ^b 8d COMMON (2-21/2" × 0.131") NAIL (SUBFLOOR,	6	6 ^f	-				
	32	19/32"-3/4"	WALL) 8D COMMON (2 1/2" × 0.131") NAIL (ROOF); OR RSRS-01 (2 3/8" × 0.113") NAIL (ROOF) ^b	6	12 6 ^f	-				
	33	7/8"- 1 1/4"	DEFORMED 2 3/8" × 0.113" × 0.266" HEAD (WALL OR SUBFLOOR) 10d COMMON (3"X0.148") NAIL; OR 2 1/8"-0 104"-0 284" UEAD DEFORMED NAIL	6	12	_				
			(2 1/2"x0.131"x0.281" HEAD)DEFORMED NAIL OTHER WALL SHEATHING ⁹ 1 1/2" × 0.120" GALVANIZED ROOFING NAIL,7/16" HEAD DIAMETER: OR			-				
	34	1/2" STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING	HEAD DIAMETER; OR 1 1/4" LONG 16 GA. STAPLE WITH 7/16" OR 1" CROWN 1 3/4" × 0.120" GALVANIZED ROOFING NAIL, 7/16"	3	6					
	35	25/32" STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING	HEAD DIAMETER; OR 1 1/4" LONG 16 GA. STAPLE WITH 7/16" OR 1" <u>CROWN</u> 1 1/2" × 0.120" GALVANIZED ROOFING NAIL, 7/16"	3	6	DRAWI	NG TITLE			
	36	1/2" GYPSUM SHEATHING ^d	HEAD DIAMETER, OR 1 1/4"LONG 16 GA.; STAPLE GALVANIZED, 11/2" LONG; 7/16" OR 1"	7	7		STR	UCT	URA	L.
s	37	5/8" GYPSUM SHEATHING ^d	CROWN OR 1 1/4" SCREWS, TYPE W OR S 1 3/4" × 0.120" GALVANIZED ROOFING NAIL, 7/16" HEAD DIAMETER, OR 1 1/4" LONG 16 GA.; STAPLE GALVANIZED, 1 1/2" LONG; 7/16" OR	7	7	-	DI	ΕΤΑΙ	LS	
			1"CROWN OR 1 1/4" SCREWS, TYPE W OR S AL PANELS, COMBINATION SUBFLOOR UNDERLAYM DEFORMED (2"× 0.113") OR			-				
-	38 39	3/4" AND LESS 7/8" - 1"	DEFORMED (2" × 0.120") NAIL; OR 8d COMMON (2 1/2" × 0.131") NAIL 8d COMMON (2 1/2" × 0.131") NAIL; OR DEFORMED (2" × 0.113"); OR	6	12					
+		1 1/8" - 1 1/4"	DEFORMED (2 1/2" × 0.120") NAIL 10D COMMON (3" × 0.148") NAIL; OR DEFORMED (2" × 0.113");OR	6	12	JOB# : DATE:	TADU-001 30-Mar-23	SHEET NC	S.	5
L			DEFORMED (21/2" × 0.120") NAIL			SCALE: DRAWN	AS NOTED BY: IRG	1	U .	J

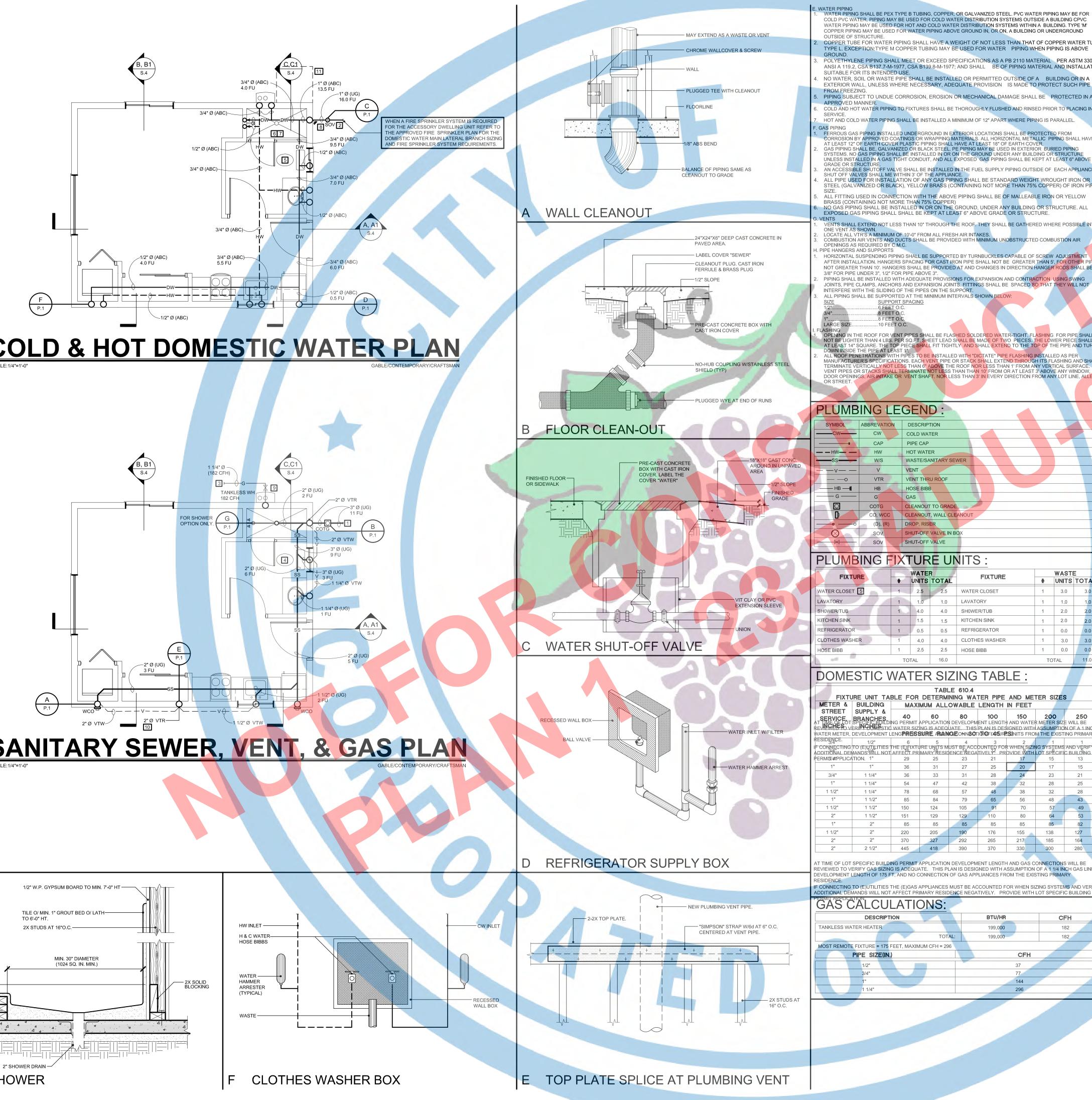












PLUMBING KEY NOTES

SANITARY SEWER MAIN LATERAL BRANCH MUST HAVE A MINIMUM SLOPE OF 2%. PROVIDE CLEAN OUTS AT INTERVALS NOT TO EXCEED 100 FT IN STRAIGHT RUNS AND HORIZONTAL CHANGE IN DIRECTIONS EXCEEDING 135° SANITARY SEWER CONNECTION TO CITY SERVICES PER LOT SPECIFIC BUILDING PERMIT APPLICATION MUST OBTAIL PUBLIC UTILITIES APPROVAL FOR ADU TO HAVE DIRECT CONNECTION TO CITY SERVICES. IF CONNECTING TO (E)UTILITIES THE (E)FIXTURE UNITS MUST BE ACCOUNTED FOR WHEN SIZING SYSTEMS AND VERIFY ADDITIONAL DÉMANDS WILL NOT AFFECT PRIMARY RESIDENCE NEGATIVELY. PROVIDE WITH LOT SPECIFIC BUILDING PERMIT APPLICATION. DOMESTIC WATER MAIN LATERAL BRANCH. DOMESTIC WATER CONNECTION TO (N)WATER METER AND CITY SERVICES. PER LOT SPECIFIC BUILDING PERMIT APPLICATION MUST OBTAIN PUBLIC UTILITIES APPROVAL FOR ADU TO HAVE DIRECT CONNECTION TO CITY SERVICES. IF CONNECTING TO (E)UTILITIES THE (E)FIXTURE UNITS MUST BE ACCOUNTED FOR WHEN SIZING SYSTEMS AND VERIFY ADDITIONAL DEMANDS WILL NOT AFFECT PRIMARY RESIDENCE NEGATIVELY. PROVIDE WITH LOT SPECIFIC BUILDING PERMIT APPLICATION. GAS LINE MAIN LATERAL BRANCH TIE INTO GAS METER. SEE SITE PLAN AND VERIFY WITH LOCAL UTILITY COMPANY FOR CONNECTION OF GAS UTILITY SERVICE. WATER CLOSET: WATER CLOSET COMPARTMENT MUST HAVE 30" WIDTH AND 24" CLEAR IN FRONT OF THE WATER CLOSET. LOW-FLOW WATER CLOSETS TO BE INSTALLED (MAXIMUM 1.28 GALLONS PER FLUSH). BRAND AND MODEL

NUMBER SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO INSTALLATION. DOMESTIC WATER FOR WATER CLOSETS SHALL BE PROVIDED AND TIED INTO PASSIVE PURGE FIRE SPRINKLER SYSTEM. WHEN FIRE SPRINKLER SYSTEM IS REQUIRED FOR LOT SPECIFIC BUILDING PERMIT APPLICATIONS. SHOWER: TILE SHOWER O/FIBER CEMENT OR GLASS MAT GYPSUM BACKER. PROVIDE 22" MINIMUM TEMPERED GLASS ENCLOSURE (HINGED SHOWER DOORS SHALL OPEN OUTWARD). INDIVIDUAL CONTROL VALVES OF THE PRESSURE BALANCE OR THE THERMOSTATIC MIXING VALVE TYPE AT THE SHOWERS THE MINIMUM INSIDE DIMENSION OF THE SHOWER SHALL BE 30" IN ANY ONE DIRECTION WITH A MINIMUM OF 1.024 SQUARE INCHES, ALL JB-SHOWER OPENINGS SHALL BE RODENT PROOF, WITH 1" CEMENT COVERING IN AN APPROVED MANNER. (SEE TUB W/SHOWER OPTION: METAL TUB W/TILE SHOWER O/FIBER CEMENT OR GLASS MAT GYPSUM BACKER PROVIDE 22

MINIMUM TEMPERED GLASS ENCLOSURE (HINGED SHOWER DOORS SHALL OPEN OUTWARD). INDIVIDUAL CONTROL VALVES OF THE PRESSURE BALANCE OR THE THERMOSTATIC MIXING VALVE TYPE AT THE SHOWERS, ALL TUB-SHOVED OPENINGS SHALL BE RODENT PROOF. WITH 1" CEMENT COVERING IN AN APPROVED MANNER PROVID INDIVIDUAL CONTROL VALVES OF THE PRESSURE BALANCE OR THE THERMOSTATIC MIXING VALVE TYPE AT THE SHOWERS AND TUB-SHOWER COMBINATION. CPC 420. BRAND AND MODEL NUMBER SHALL BE SUBMITTED TO OWNE FOR APPROVAL PRIOR TO INSTALLATION

HOSE BIBB 3/4" W/NON-REMOVABLE TYPE BACK FLOW PREVENTION DEVICE. TANK LESS WATER HEATER, INSTALL PER MANUFACTURERS SPECIFICATIONS. PROVIDE MANUFACTURERS SPECIFICATIONS ON JOB SITE, SO THAT THE BUILDING INSPECTOR MAY VERIFY TANK LESS WATER HEATER LEARANCES. SEE TITLE 24 REQUIREMENTS AND MECHANICAL NOTES FOR ADDITION INFORMATION. BRAND AND ODEL NUMBER SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO INSTALLATION. INSTANTANEOUS WATER HEATERS WITH AN INPUT RATING OF 6.8KBTU/HR. (2 KW) OR GREATER NEED AN ISOLATION VALVE ON COLD WATER SUPPLY AND HOT WATER LEAVING WATER HEATER. EACH VALVE NEEDS A HOSE BIBB OR OTHER FITTING ALLOWING FOR FLUSHING THE WATER HEATER WHEN THE VALVES ARE CLOSED. A CONDENSATION DRAIN THAT IS NO MORE THAN 2 INCHES HIGHER THAN THE BASE OF THE INSTALLED WATER HEATER, AND ALLOW NATURAL DRAINING WITHOUT PUMP ASSISTANCE. IBING VENTS SHALL TERMINATE 10' MINIMUM AWAY FROM A.C. UNIT OUTSIDE AIR INTAKES.

MINIMUM 2'-6" X 2'-6" WIDE AND 7'-0" TALL AREA MUST BE MAINTAINED FOR FUTURE INSTALLATION OF HEAT PUMP WATER HEATER. A PLUMBING PERMIT MUST BE OBTAINED AT TIME OF INSTALLATION OF HEAT PUMP WATER HEATER AND MUST BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS. RESIDENTIAL PLUMBING NOTES

WATER HAMMER ARRESTORS SHALL BE INSTALLED AT THE FOLLOWING QUICK ACTING SHUT-OFF VALVES (SOLENOID OPERA AUTOMATIC WASHER, HOT AND COLD WATER ICE MAKER

DISHWASHE FRONT AND REAR SPRINKLER OUTLET SHOWER AND TUB/ SHOWER COMBINATION SHALL BE PROVIDED WITH INDIVIDUAL CONTROL VALVES OF THE RESSURE BALANCE, THERMOSTATIC, OR COMBINATION PRESSURE BALANCE/THERMOSTATIC MIXING VALVES TY FHAT PROVIDE SCALD AND THERMAL SHOCK PROTECTION FOR THE RATED FLOW RATE OF THE INSTALLED SHOWERHEAD, THESE VALVES SHALL BE INSTALLED AT THE POINT OF USE AND IN ACCORDING WITH ASSE 1016 OR SME A112.18.1/CSAB125.1. L PLUMBING CONVEYING OR DISPENSING WATER FOR HUMAN CONSUMPTION SHALL COMPLY WITH AB 1953 FOR AD CONTENT LVANIZED MALLEABLE IRON, GALVANIZED WROUGHT IRON, OR GALVANIZED STEEL ARE PROHIBITED MATERIALS OR WATER SUPPLY AND BUILDING WATER PIPING BOTH UNDERGROUND AND IN BUILDING. AS LINE PRESSURE TESTING IS NOW 10 PS I FOR 15 MINUTES AND WELDED PIPING IS 60 PS I FOR 30 MINUTES.

PLASTIC AND COPPER PIPING RUN THROUGH FRAMING MEMBERS TO WITHIN ONE INCH OF THE EXPOSED FRAMING SHALL BE PROTECTED BY STEEL NAIL PLATES NOT LESS THAN 18 GAUGE. ALL DOMESTIC HOT WATER PIPING SHALL BE INSULATED AS SPECIFIED IN CPC SECTION 609.11. IN ADDITION, PIPING VUST MEET THE REQUIREMENTS OF CALIFORNIA ENERGY CODE SECTION 150(J)(2)(A) I, II, & III. a) 3/4 INCH TO 1 INCH AND HOT WATER PIPING FROM HEATING SOURCE TO KITCHEN FIXTURES SHALL HAVE A MINIMUM OF 1 INCH THICKNESS INSULATION WALL OR R-VALUE OF 7.7. FIRE SPRINKLER NOTES

AT TIME OF LOT SPECIFIC BUILDING APPLICATION, IT WILL BE DETERMINED BY THE CITY OF FRESNO FIRE PREVENTION BUREAU IF FIRE SPRINKLER WILL BE REQUIRED FOR THE ACCESSORY DWELLING UNIT. IF REQUIRED, APPROVED FIRE SPRINKLER PLAN SHALL BE INCLUDE<mark>D IN PL</mark>ANS PRIOR TO PERMIT ISSUANCE. PLUMBING NOTES

WORK INCLUDED ALL WORK AND MATERIAL SHALL CONFORM TO LATEST CODES AND ORDINANCES. IT IS THE INTENTION OF THESE PLANS AND SPECIFICATIONS TO COVER ALL THINGS REQUIRED TO PROVIDE COMPLETE AND OPERATIVE SYSTEMS. THE CONTRACTOR IS TO FURNISH LABOR MATERIAL, TRANSPORTATION, EQUIPMENT, AND MISCELLANEOUS SERVICES ETC. REQUIRED TO ACCOMPLISH THIS RESULT. ANYTHING WHICH MAY BE REASONABLY CONSTRUED AS A NECESSARY PART OF THE INSTALLATION IS TO BE INCLUDED, WHETHER SPECIALLY SHOWN OR MENTIONED. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

THESE DRAWINGS ARE DIAGRAMMATIC AND HAVE BEEN PREPARED TO SUGGEST POSSIBLE SIZE, ROUTES, LOCATION AND TERMINATION OF PLUMBING PIPING AND EQUIPMENT AS REQUIRED TO CONFORM TO APPLICABLE CODES, IT IS NOT THE INTENTION OF THE PLAN PREPARED TO LIMIT THE METHODOLOGY AND/OR MATERIALS UTILIZED BY THE PLUMBING CONTRACTOR WHEN ALTERNATE METHODOLOGY AND/OR MATERIALS COMPLY WITH ALL CODES AND ORDINANCES GOVERNING THIS JURISDICTION. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR SIZING AND ROUTING OF ALL WASTE, VENT, WATER, GAS, AND A/C CONDENSATE LINES AND COORDINATE WITH OWNER FOR SERVICES. THE OWNER SHALL COORDINATE ALL SERVICE CONNECTIONS FOR THE WORK WITH APPROPRIATE AGENCIES.

WNER TO DETERMINE WATER, SEWER, AND GAS SUPPLY LINE SIZES IN CONFORMANCE WITH CALIFORNIA PLUMBING CODE AND COORDINATE WITH PLUMBER AS TO ANY VARIATION AND/OR CONFLICT FROM DRAWING. ALL WORK MATERIALS SHALL BE PERFORMED AND INSTALLED IN COMPLIANCE WITH THE FOLLOWING CODES AS ADOPTED BY THE INSPECTION AUTHORITY. NOTHING IN THESE PLANS IS TO BE TO PERMIT WORK NOT CONFORMING TO THESE CODES OR OTHERS APPLICABLE TO THIS PROJECT CALIFORNIA PLUMBING CODE 2022 CALIFORNIA MECHANICAL CODE 2022 CALIFORNIA ENERGY STANDARDS 2022 IT IS THE PLUMBING CONTRACTORS RESPONSIBILITY TO VERIFY ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING BUT NOT LIMITED TO METER LOCATIONS, LATERAL LOCATIONS/DEPTH AND PROPOSED POINT OF CONNECTIONS. SENERAL NOTES

ALL FIXT<mark>URES AR</mark>E TO BE FURNISHED BY THE PLUMBI<mark>NG CO</mark>NTRACTOR <mark>UNLESS NOTED OTHERWISE ON PLANS. AL</mark> FIXTURES TO BE INSTALLED COMPLETE IN ALL RESPECTS WITH TRIM, SEALS, ETC, AS REQUIRED TO MAKE JOB READY NO. FOR SERVICES AND USE. L FIXTURES TO BE WHITE (UNLESS OTHERWISE NOTED) PLUMBING CONTRACTOR SHALL SUBMIT FIXTURES SPECIFICATIONS FOR OWNERS APPROVAL. LL PIPING AND EQUIPMENT SHALL COMPLY WITH THE LATEST IAPMO STANDARDS AND ALL APPLICABLE BUILDING CODES, LOCAL OR OTHERWISE. ALL FIXTURES SHALL BE SECURELY ATTACHED TO SUPPORTING SURFACES AS SPECIFIED AND SHALL BE PLUMBED AND LEVELED WALL HUNG FIXTURES SHALL BE SECURELY ATTACHED TO WOOD BLOCKING

AIR CHAMBERS SHALL BE PROVIDED FOR FOR EACH FIXTURE AT HOT AND COLD WATER CONNECTIONS. ALL PIPING SHALL BE PRESSURE TESTED TO THE APPROVAL OF THE ADMINISTRATIVE AUTHORITY AND MINIMUM TANDARDS AS FOLLOWS: SANITARY PIPING: MIN. WATER PRESSURE 5 PSI FOR 15 MINUTES WATER PIPING: MIN. WATER PRESSURE 120 PSI FOR 15 MINUTES. CONNECTIONS BETWEEN COPPER OR BRASS PIPING AND FERROUS MATERIALS SHALL BE MADE WITH APPROVED DIELECTRIC COUPLINGS PLUMBING CONTRACTOR SHALL REVIEW ALL KITCHEN EQUIPMENT DRAWINGS AND MAKE ALL REQUIRED CONNECTION OF SERVICES TO EACH UNIT.

CHECK EXISTING PLUMBING SYSTEM WITH REFERENCE TO NEW WORK TO BE DONE. IF CONNECTING NEW PLUMBIN TO (E)PLUMBING MAIN BRANCHES THE (E)FIXTURE UNITS MUST BE ACCOUNTED FOR WHEN SIZING SYSTEMS AND VERIFY ADDITIONAL DEMANDS WILL NOT AFFECT PRIMARY RESIDENCE NEGATIVELY. PROVIDE WITH BUILDING PERMIT APPLICATION. RE-ROUTE AND/OR REPLACE PORTIONS (INCLUDING SERVICE) AS NECESSARY FURNISH AND INSTALL ALL FIXTURES INDICATED, COMPLETE FOR NORMAL OPERATION. INSTALL ANY FIXTURES PROVIDED BY OWNER

AN APPROVED SEISMIC GAS SHUTOFF VALVE WILL BE INSTALLED ON THE FUEL GAS LINE ON THE DOWN STREAM SID OF THE UTILITY METER AND BE RIGIDLY CONNECTED TO THE EXTERIOR OF THE BUILDING OR STRUCTURE CONTAINING THE FUEL GAS PIPING. SEPARATE PLUMBING PERMIT IS REQUIRED. PLUMBING FIXTURES ARE REQUIRED TO BE CONNECTED TO A SANITARY SEWER OR TO AN APPROVED SEWAGE DISPOSAL SYSTEM. (R 306.3) KITCHEN SINKS, LAVATORIES, BATHTUBS, SHOWERS, BIDETS, LAUNDRY TUBS AND WASHING MACHINE OUTLETS SH BE PROVIDED WITH HOT AND COLD WATER AND CONNECTED TO AN APPROVED WATER SUPPLY. (R 306.4) EXCAVATING PERFORM NECESSARY EXCAVATIONS AND BACK FILLING FOR INSIDE AND OUTSIDE PLUMBING LINES AND ACCESSORIES. EXCAVATING SHALL BE TRUE TO LINE AND PITCH BACK FILL SHALL BE PLACED LAYERS NOT OVER 8'

IN DEPTH. EACH LAYER PROPERLY MOISTENED, SOLIDITY IRON TAMPED, OR OTHERWISE COMPACTED PUDDLING WITH WATER TO ACHIEVE COMPACTION WILL NOT BE PERMITTED PLUMBING EXCAVATIONS ARE NOT TO BE MADE PARALLEL TO FOOTING BELOW ANGLE OR REPOSE (I.E. BELOW A LINE DRAWN 45° DOWN FROM EACH CORNER OF BOTTOM FOOTING.) NO PLUMBING LINES SHALL BE RUN IN BEARING FOOTING. DRAINAGE PIPE MATERIALS SHALL BE CAST IRON, GALVANIZED STEEL, PVC OR ABS SCHEDULE 40 DW PLASTIC PIPE, EXCEPT THAT NO GALVANIZED STEEL PIPE SHAL USED UNDERGROUND AND SHALL BE KEPT AT LEAST 6" ABOVE GROUND CHANGES IN DIRECTION OF DRAINAGE IPING SHALL BE MADE BY THE APPROPRIATE USE OF APPROVED FITTINGS, AND SHALL BE OF THE ANGLES PRESENTED BY 1/16 BEND, 1/8 BEND, OR 1/6 BEND, OR OTHER APPROVED FITTINGS OF EQUIVALENT SWEEP.

SANITARY AND POTABLE WATER PIPING SHALL NOT BE INSTALLED WITHIN THE SAME TRENCH EXCEPT WHEN ALLOWABLE BY THE GOVERNING AUTHORITY. DRAINAGE PIPING SHALL BE CAST IRON, SCHEDULE 40 ABS DWV, OR SCHEDULE 40 PVC DWV. CLEAN OUTS ARE REQUIRED ON HORIZONTAL WASTE LINES OVER 5' FROM THE MAIN LINE AND ALL HORIZONTAL SINK AND URINAL WASTES REGARDLESS OF LENGTH. PER CPC WASTE PIPING SHALL BE PITCHED AT A MINIMUM OF 1/4" PER FOOT WHERE POSSIBLE, PIPING GREATER THAN 4 INCHES IN DIAMETER ONLY, MAY BE PITCHED AT A MINIMUM OF, 1/8" PER FOOT, AS REQUIRED, WITH THE APPROVAL OF THE ADMINISTRATIVE AUTHORITY.

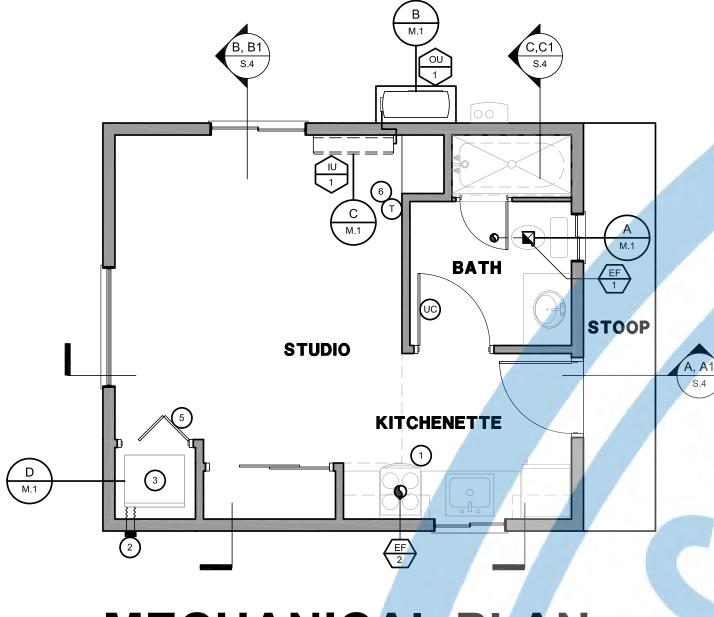
PROVIDE CLEAN OUTS FOR WASTE LINES EXCEEDING 5'-0" FROM THE MAIN. CLEAN OUTS SHALL BE SIZED PER CPC ALL FLOOR, WALL OR GROUND CLEANOUTS SHALL BE INSTALLED IN A MANNER THAT PROVIDES SUFFICIENT SPACE FOR SERVICE AND IS COMPLETE COMPLIANCE WITH ALL GOVERNING CODES, INSTALLATION OF SOIL OR DRAIN PIPES DRAWING TITLE: IN FOOD HANDLING ESTABLISHMENTS WILL COMPLY WITH SECTION 318.0 CPC ALL FLOOR MOUNTED SANITARY CLEANOUTS SHALL HAVE SKID RESISTANT COVER PLATES, BUILDING DRAIN AND VENT PIPING MATERIALS SHALL COMPLY WITH SECTIONS 701.0 AND 903.0 OF THE CALIFORNIA PLUMBING CODE.



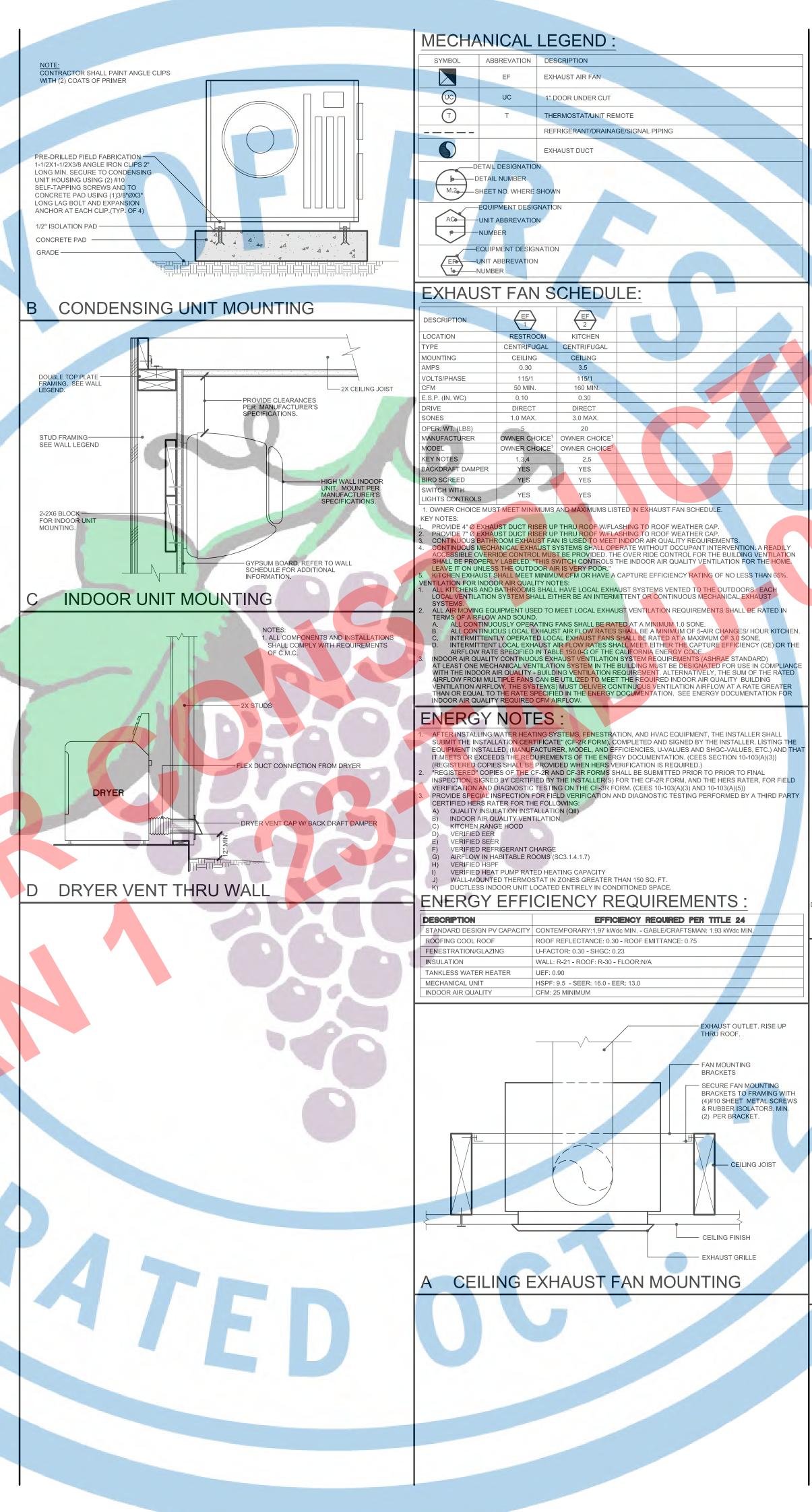
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SHEET NO. JOB# : TADU-001 DATE: 26-Sep-23 **P.**1 SCALE: AS NOTED DRAWN BY: IRG

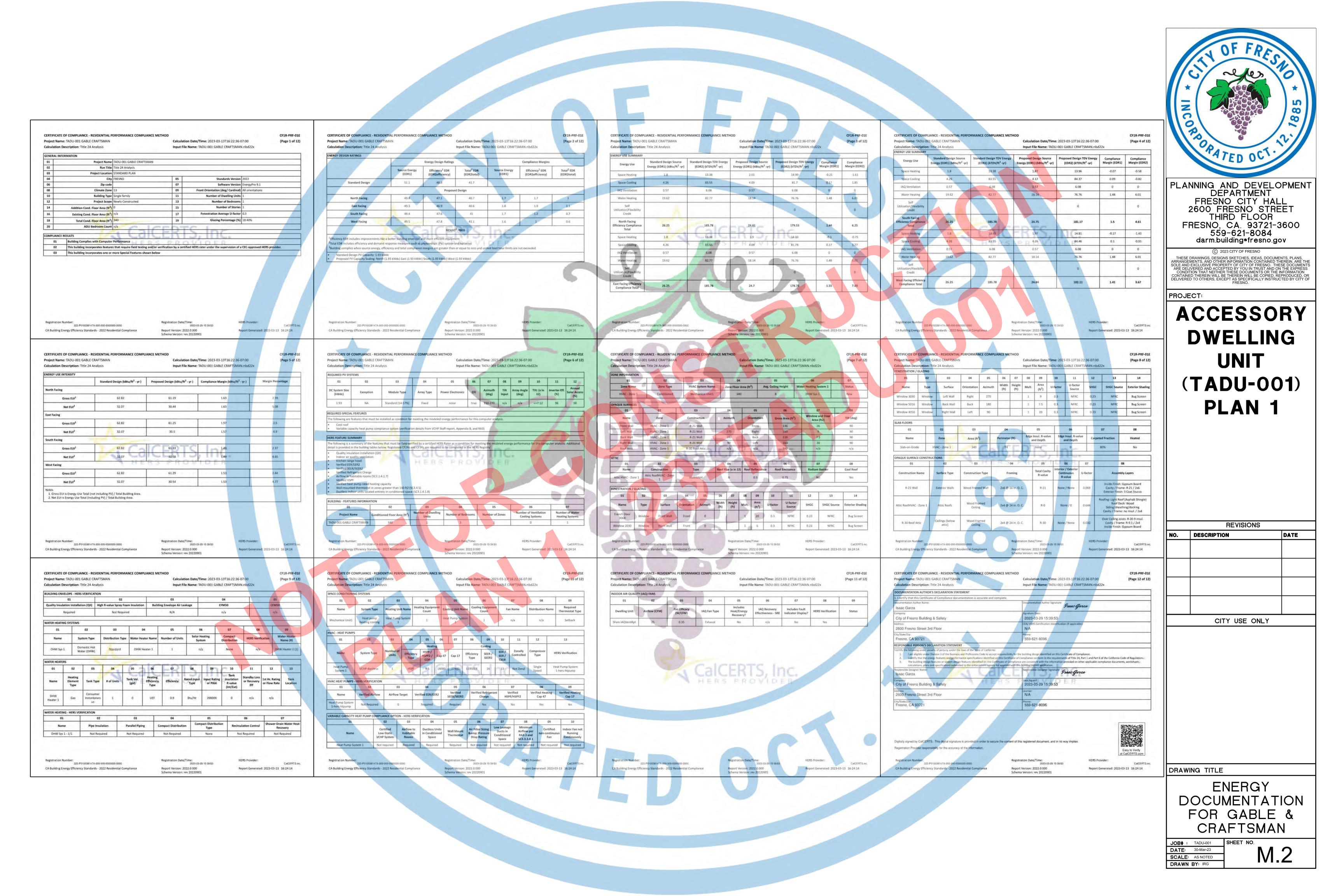


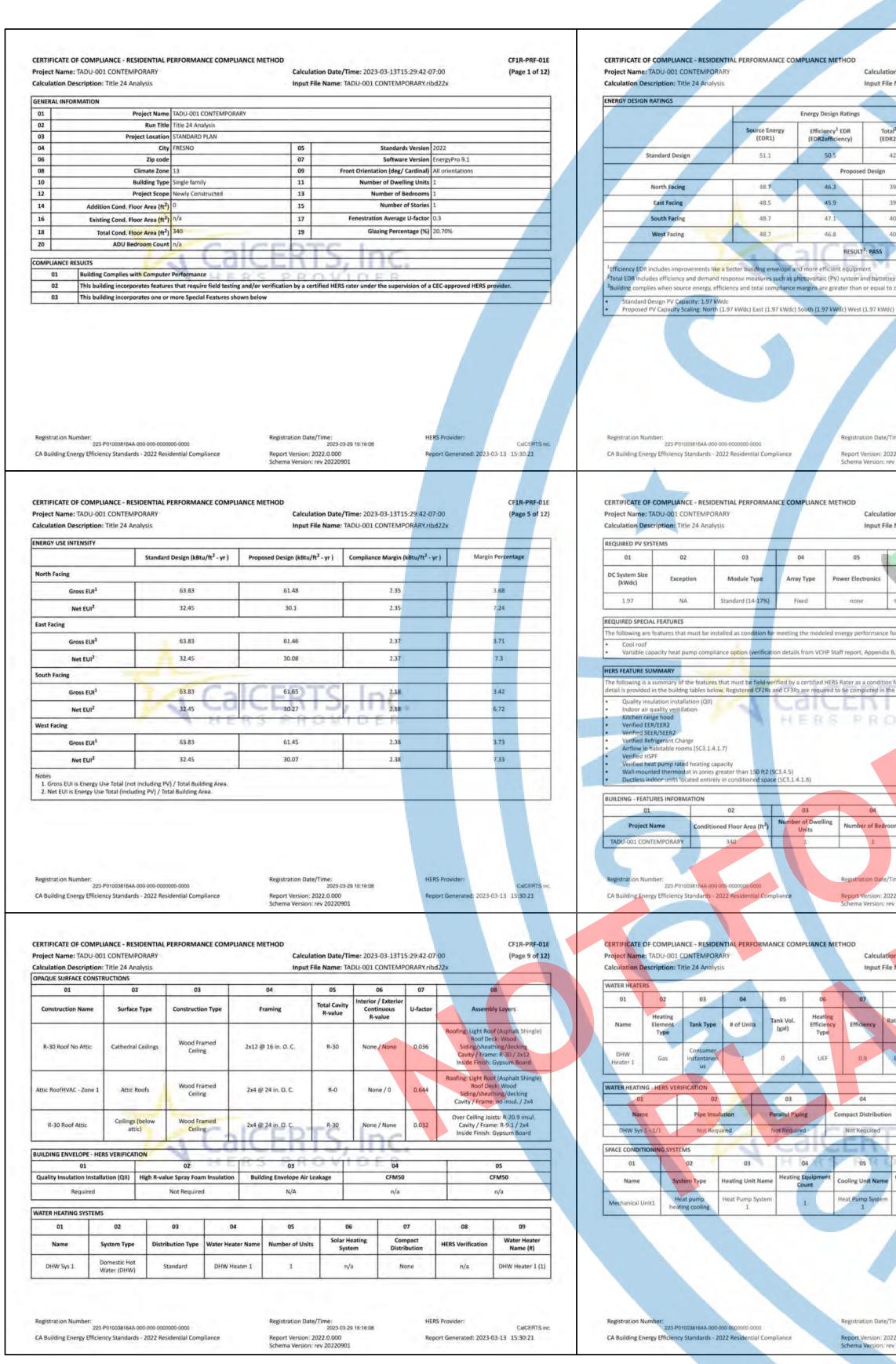




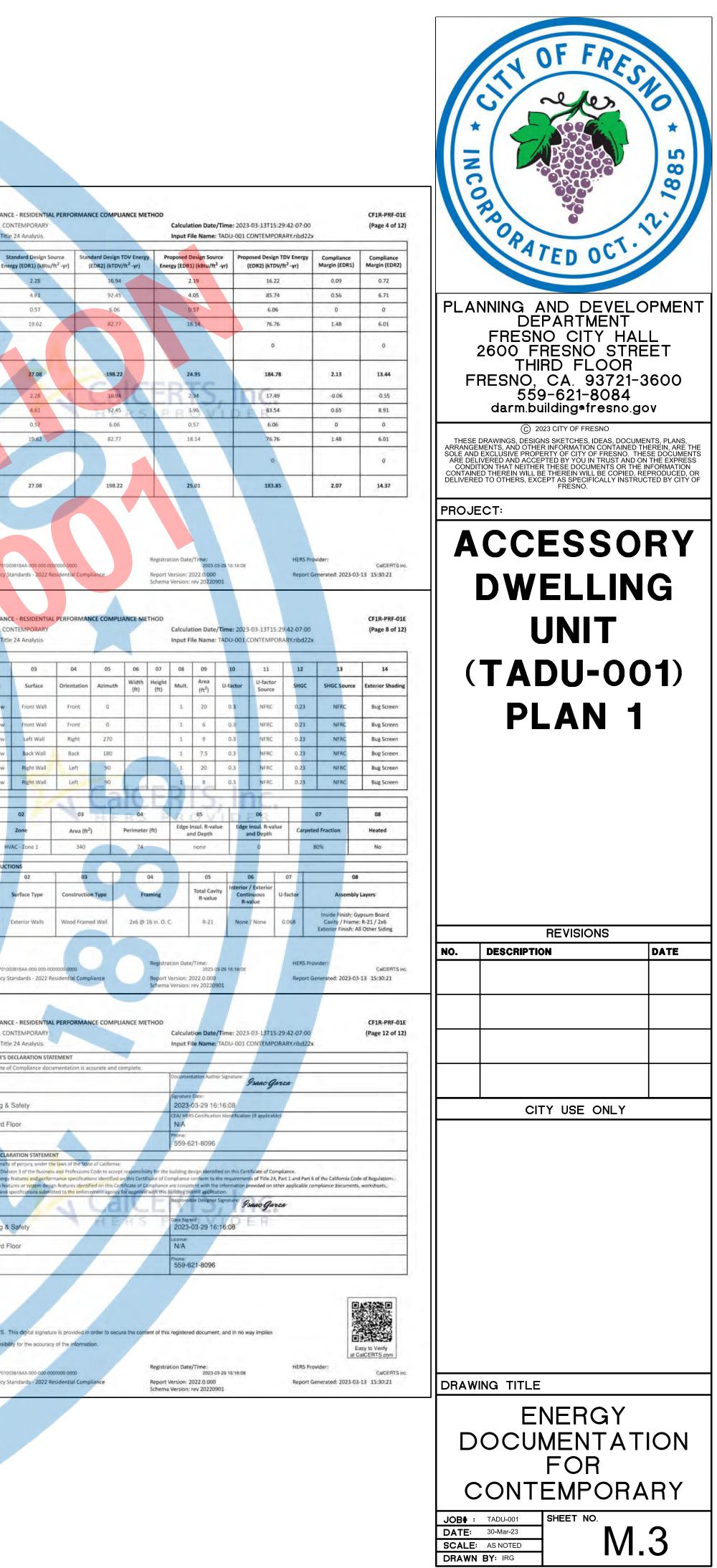
MECHANICAL KEY NOTES : ELECTRIC RANGE: HOOD W/FAN W/MICROWAVE O/ELECTRIC RANGE W/OVEN. INSTALL PER MANUFACTURER'S SPECIFICATIONS. PROVIDE MANUFACTURER'S SPECIFICATIONS ON JOB SITE, SO THAT THE BUILDING INSPECTOR MAY VERIFY CLEARANCES. KITCHEN EXHAUST OUTLETS SHALL TERMINATE AT LEAST 2' ABOVE THE ROOF AND SHALI EXTEND AT LEAST 10' ABOVE THE ADJOINING GRADE LEVEL. HOOD SHALL BE VENTED TO THE EXTERIOR WITH A BACK DRAFT DAMPER HAVING A MINIMUM CFM RATING OF 100 CFM AND A SONE RATING NOT GREATER THAN 3-SONE. PROVIDE A MINIMUM CLEARANCE TO COMBUSTIBLE MATERIALS: • VERTICAL CLEARANCE OF 30" UNPROTECTED, OR 24" PROTECTED. • HORIZONTAL CLEARANCE 6" FROM EDGE OF BURNERS. • THE VERTICAL DISTANCE BETWEEN CANOPY-TYPE HOOD AND COOKING SURFACE SHALL NOT EXCEED 4". UPPER CABINETS SHALL BE A MINIMUM OF 18" ABOVE FINISH DECK OR THE HOOD IS TO BE INSTALLED PER MANUFACTURERS REQUIREMENTS WITH A CLEARANCE AS REQUIRED BY THE RANGE/COOKTOP MANUFACTURERS INSTALLATION INSTRUCTIONS, PROVIDE MINIMUM CLEARANCE TO COMBUSTIBLE MATERIALS PER CMC 906.1 AND 508.6. BRAND AND MODEL NUMBER SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO INSTALLATION. S DRYER VENT WITH A BACK DRAFT DAMPER. AT EXTERIOR WALL. Z DRYER: VENT TO OUTSIDE AIR; 4" DIAMETER OR 3 1/2" X 4" RECTANGULAR VENT GOOD FOR A COMBINED 00 HORIZONTAL AND VERTICAL LENGTH NOT TO EXCEED 14'-0" W/ MAXIMUM 2 ELBOWS. OPTION: 5" DIAMETER OR 3 C 00 1/2"X6" RECTANGULAR VENT GOOD FOR A COMBINED HORIZONTAL AND VERTICAL LENGTH NOT TO EXCEED 38'-0" W/ MAXIMUM 2 ELBOWS. DEDUCT 6' FOR EACH ADDITIONAL ELBOW. BRAND AND MODEL NUMBER SHALL BE SUBMITTED 0 TO OWNER FOR APPROVAL PRIOR TO INSTALLATION. WASHER STACKED UNIT: VENT TO OUTSIDE AIR; 4" DIAMETER OR 3 1/2" X 4" RECTANGULAR VENT GOOD FOR A COMBINED HORIZONTAL AND VERTICAL LENGTH NOT TO EXCEED 14-0" W/MAXIMUM 2 ELBOWS. OPTION: 5" DIAMETER OR 3 1/2"X6" RECTANGULAR VENT GOOD FOR A COMBINED HORIZONTAL AND VERTICAL LENGTH NOT TO EXCEED 38'-0" W/ MAXIMUM 2 ELBOWS. DEDUCT 6' FOR EACH ADDITIONAL ELBOW. (SEE DETAIL X,X/X,X) BRAND NAME AND MODEL NUMBER SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO INSTALLATION. ATED OCT PROVIDE LOUVERED DOOR WITH A MINIMUM OF TWO 100 SQUARE INCH FREE AREAS. ONE OPENING WITHIN 12 INCHES OF THE TOP OF ENCLOSURE AND THE OTHER WITHIN 12 INCHES OF THE BOTTOM OF THE ENCLOSURE. PROGRAMMABLE NIGHT SET-BACK THERMOSTAT/UNIT REMOTE SHALL NOT BE MOUNT MORE THAN 48" A.F.F. PER CRC SECTION R327.1.2. MECHANICAL NOTES : GENERAL NOTES: AIR INLETS THAT ARE PART OF THE VENTILATION DESIGN SHALL BE LOCATED A MINIMUM OF 10 FEET FROM KNOWN PLANNING AND DEVELOPMENT SOURCES OF CONTAMINATION SUCH AS STACK, VENT, EXHAUST HOOD OR VEHICLE EXHAUST. DEPARTMENT AIR CONDITIONING EQUIPMENT DESIGNED TO BE IN A FIXED POSITION SHALL BE SECURELY FASTENED, PER 4. VANUFACTURERS INSTALLATION INSTRUCTIONS. INSTALLATION INSTRUCTIONS SHALL BE PROVIDED TO THE FIELD FRESNO CITY HALL 2600 FRESNO STREET VORK INCLUDED WORK AND MATERIAL SHALL CONFORM TO LATEST CODES AND ORDINANCES. IT IS THE INTENTION OF THESE THIRD FLOOR ANS AND SPECIFICATIONS TO COVER ALL THINGS REQUIRED TO PROVIDE COMPLETE AND OPERATIVE SYSTEMS CONTRACTOR IS TO FL 5H LABOR MATERIAL, COMPLETE AND OPERATIVE SYSTEMS. THE CONTRACTOR IS 1 FRESNO, CA. 93721-3600 ANSPORTATION, EQUIPMENT, AND MISCELLANEOUS SERVICES ETC. REQUIRED TO VISH LABOR MATERIAL NYTHING WHICH MAY BE REASONABLY CONSTRUED AS A NECESSARY PART OF THE COMPLISH THIS RESULT. 559-621-8084 STALLATION IS TO BE INCLUDED, WHETHER SPECIALLY SHOWN OR MENTIONED. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES darm.building@fresno.gov THESE DRAWINGS ARE DIAGRAMMATIC REPRESENTATION OF WORK TO BE ACCOMPLISHED AND AS SUCH ARE NO INTENDED TO SHOW ALL REQUIRED OFFSETS OF PIPING AND DUCK WORK. THE CONTRACTOR SHALL INSTALL MATERIAL AND EQUIPMENT SO AS TO CONFORM TO THE STRUCTURE, AVOID OBSTRUCTION AND MAINTAIN C 2023 CITY OF FRESNO HEADROOM AND PASSAGEWAYS THESE DRAWINGS, DESIGNS SKETCHES, IDEAS, DOCUMENTS, PLANS, ARRANGEMENTS, AND OTHER INFORMATION CONTAINED THEREIN, ARE THE SOLE AND EXCLUSIVE PROPERTY OF CITY OF FRESNO. THESE DOCUMENTS ARE DELIVERED AND ACCEPTED BY YOU IN TRUST AND ON THE EXPRESS CONDITION THAT NEITHER THESE DOCUMENTS OR THE INFORMATION CONTAINED THEREIN WILL BE THEREIN WILL BE COPIED, REPRODUCED, OR DELIVERED TO OTHERS, EXCEPT AS SPECIFICALLY INSTRUCTED BY CITY OF FRESNO. THE PLANS AND SPECIFICATIONS ARE INTENDED TO BE USED AS A CONSTRUCTION GUIDELINE ONLY AND NOT THE TOTAL INSTRUMENT OF CONTRACT DOCUMENTS. IT IS NOT THE INTENTION OF ANY CONSTRUCTION PLANS TO DIVIDE WORK AMONG DIFFERENT TRADES. VERIFY SCOPE OF WORK WITH CONTRACTOR WHO IS SUPERVISING THE JOB. THE CITY OF FRESNO WILL PROVIDE INTERPRETATION OF THE CONSTRUCTION DOCUMENTS, BUT THE SUPERVISION IS UNDER THE RESPONSIBILITY OF THE CONTRACTOR. SUBMITTALS: CONTRACTOR SHALL SUBMIT A COPY OF EQUIPMENT BROCHURES FOR EACH ITEM FURNISHED. DATA SHALL INCLUDE MANU<mark>FACTURES APPROVED</mark> INSTALLATION INSTRUCTIONS. SUBMITTALS SHALL BE COMPLETE AND PROJECT: SHALL BE BOUND, INDEXED, AND TABBED. TEST AND ADJUSTMENTS: CONTRACTOR SHALL TEST ALL EQUIPMENT PER MANUFACTURERS INSTRUCTIONS, SYSTEM SHALL BE FREE OF OBJECTIONABLE NOISE AND VIBRATION. SYSTEM SHALL BE BALANCED FOR EVEN ACCESSORY DISTRIBUTION OF HEATING AND COOLING. OPERATING INSTRUCTIONS: CONTRACTORS SHALL PROVIDE OWNER WITH 2 COPIES OF OPERATING AND M<mark>AINTE</mark>NANCE IN<mark>STRUC</mark>TIONS, MANU<mark>FACTURERS</mark> EXTEND WARRANTIES, AND CONTRACTORS WRITTEN WARRANT AL<mark>L BOUN</mark>D, INDEXED AND TABBED. MAINTENANCE INSTRUCTIONS SHALL INCLUDE MAINTENANCE WHICH IS REQUIRED TO KEEP FOUIPMENT OPERATING AT MAXIMUM EFFICIENCY WARRANTY: ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE OR FROM DATE OF OF OWNERS SUBSTANTIAL USAGE OR OCCUPANCY, WHICH EVER IS **DWELLING** EARLIER. DAMAGE DUE TO VOLTAGE FLUCTUATION, FIRE, ACTS OF THE ELEMENTS, ACTS OF THE OWNER OR OTHE PARTIES, IMPROPER MAINTENANCE OR NEGLECT ARE SPECIFICALLY EXCLUDED FROM THE GUARANTEE. ALL REPAIRS SHALL BE PERFORMED DURING NORMAL WORKING HOURS AND SHALL BE MADE PROMPTLY AFTER NOTICE FAILURE, IF OWNER REQUEST THAT WORK BE PERFORMED ON OVERTIME, OWNER SHALL PAY THE DIFFERENCE UNIT BETWEEN REGULAR AND OVERTIME LABOR AT STANDARD BILLING RATES. ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN COMPLIANCE WITH THE FOLLOWING CODES AS AMENDED AND ADOPTED BY THE INSPECTION AUTHORITY. NOTHING IN THESE IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR OTHERS APPLICABLE TO THIS PROJEC CALIFORNIA BUILDING CODE (**TADU-001**) CALIFORNIA PLUMBING CODE CALIFORNIA MECHANICAL CODE CALIFORNIA ELECTRICAL CODE NONRESIDENTIAL CEC ENERGY STANDARDS 2022 ECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL EQUIPMENT DUCTS, GRILLS, REGISTERS, CONTROLS. THERMOSTATS AND CONDENSATE LINES NECESSARY TO COMPLETE THE JOB, CONTRACTOR SHALL CHALK MARK PLAN 1 HIGH AND LOW VOLTAGE ELECTRICAL CONDUIT POINTS OF PENETRATION TO MATCH AIR CONDITIONING UNIT REQUIREMENTS ON THE SHEATHING, WHEN ELASHING IS INSTALLED ON SHEATHING BEFORE ROOFING IS STARTED CONTRACTOR SHALL ALSO MARK THE GAS AND CONDENSATE PIPING POINTS OF PENETRATION OF THE ROOF SHEATHING. CONTRACTOR SHALL START, TEST AND ADJUST ALL SY<mark>STEMS</mark> FOR THE PR<mark>OPER WORKING OF THE SYSTEMS TO THE</mark> SATISFACTION OF THE OWNER AND TENANT, CONTRACTOR SHALL BE RESPONSIBLE FOR THE INITIAL START UP FOR A PERIOD ONE YEAR FROM THE DATE OF ISSUANCE OF THE CERTIFICATE OF OCCUPANCY . EQUIPMENT AND MATERIALS ITIONING UNIT MOUNTING AT ALL FRAMES SHALL BE BOLTED OR LAG SCREWED TO STRUCTURAL MEMBER AIR CON AT EACH CORNER WITH MINIMUM 3/8"X3" PENETRATION INTO SOLID WOOD. A.C. UNIT SHALL BE BOLTED TO THE SUPPORT FRAME WITH 3/8" MINIMUM BOLTS AT EACH CORNER. ELECTRICAL VOLTAGE: AIR CONDITIONING CONTRACTOR SHALL CONFIRM ALL SYSTEM VOLTAGES BEFORE BIDDING AND ORDERING EQUIPMENT AND ALLOW FOR BUCK AND BOOST TRANSFORMERS ON EACH PHASE IF REQUIRED. BY OTHERS: PLUMBING CONTRACTOR: GAS, WATER AND CONDENSATE PIPING INCLUDING FINAL CONNECTIONS WITH ELECTRICAL CONTRACTOR: ALL POWER AND CONTROL. PROVIDE W/P OUTLET WITHIN 25' FROM EQUIPMENT AND QUICK DISCONNECT. NO FIELD SUPPLIED ELECTRICAL DEVICE SHALL BE MOUNTED ON AIR CONDITIONING UNITS AND NO RIDGE ELECTRICAL CONNECTIONS SHALL BE MADE. CONDUIT, WIRING DISCONNECTS AND FINAL CONNECTIONS, UNLESS OTHERWISE NOTED ON MECHANICAL PLAN. NO FIELD SUPPLIED ELECTRICAL DEVICE SHALL BE MOUNTED ON AIR CONDITIONING UNITS AND NO RIDGE ELECTRICAL CONNECTIONS SHALL BE MADE. ALL AIR CONDITIONERS TO BE EQUIPPED WITH AN APPROVED CONDENSATE DRAIN. RUN IN AN APPROVED MANNER TO AN APPROVED LOCATION. ALL EQUIPMENT SHALL COMPLY WITH THE CALIFORNIA ENERGY COMMISSION STANDARD, AND SHALL BE CERTIFIED BY THE MANUFACTURER. THE MECHANICAL CONTRACTOR SHALL PROVIDE THE OWNER COPIES OF OPERATION, MAINTENANCE AND PREVENTIVE MAINTENANCE MANUALS FOR EACH MODEL AND TYPE OF MECHANICAL EQUIPMENT. EQUIPMENT INDICATED ON THESE DRAWINGS ARE SHOWN IN APPROXIMATE LOCATIONS, THE CONTRACTOR SHALL REVISIONS FIELD VERIFY ALL EXISTING CONDITIONS AND EQUIPMENT LOCATIONS. EXCAVATION, CUTTING, AND FITTING PERFORM THE EXCAVATION, CUTTING, FITTING, REPAIRING, AND FINISHING OF THE WORK NECESSARY FOR THE INSTALLATION OF THE EQUIPMENT, NO CUTTING OF THE WORK OF OTHER TRADES OR OF ANY STRUCTURAL MEMBERS SHALL BE DONE WITHOUT THE CONSENT OF THE OWNER AND EXCEED NOTCHING REQUIREMENTS SPECIFIED IN STRUCTURAL DRAWINGS. DESCRIPTION DATE MECHANICAL UNIT SCHEDULE: DESCRIPTION OCATION OUTDOOR HEAT PUMP QUIPMEN IOUNTING /OLTS/PHASE/CYCL NOCE CITY USE ONLY MANUFACTUREF WNER CHOICE¹ VNER CHOICE OWNER CHOICE MUST MEET MINIMUMS AND MAXIMUMS LISTED IN MECHANICAL UNIT SCHEDULE VERIFY ELECTRICAL LOADS DEMANDS WITH MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION DESCRIPTION INDOOR HIGH WALL NOUNTING WALL 1.5 MIN. OOLING SYSTEM TO 600 CFM MIN OOLING RATED CAPACIT 18,000 BTU/HR 16.0 MIN **HEATING RATE** 18,000 BTU/HR CAPACITY(47° F) HEATING RATED CAPACITY(17° F) 10.800 BTU/HR 9.5 MIN. 208/230-1-60² 0.5^{2} OWNER CHOICE IANUFACTURE OWNER CHOICE¹ OWNER CHOICE MUST MEET MINIMUMS AND MAXIMUMS LISTED IN MECHANICAL UNIT SCHEDULE VERIFY ELECTRICAL LOADS DEMANDS WITH MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION. DRAWING TITLE MECHANICAL PLAN AND DETAILS JOB# : TADU-001 SHEET NO. DATE: 13-Jul-23 **M.**1 SCALE: AS NOTED

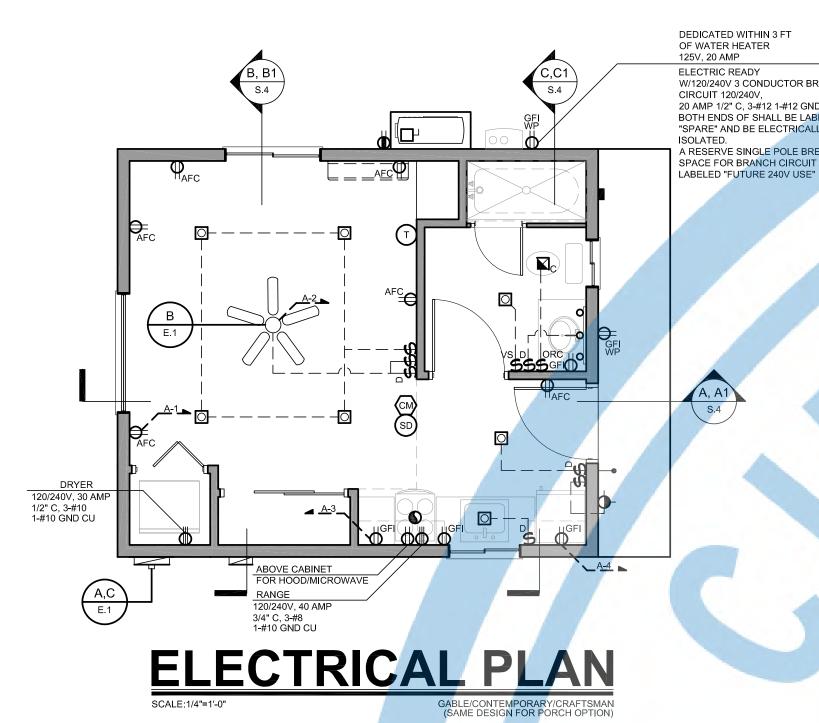
DRAWN BY: IRG





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Compliance Margins	ENERGY USE SUMMARY Energy Use	Standard Design Source Energy (EDR1) (kBtu/ft ² -yr)	Standard Design TDV Energy (EDR2) (kTDV/ft ² -yr)	Proposed Design Source Energy (EDR1) (kBtu/ft ² -yr)	Proposed Design TDV Energy (EDR2) (kTDV/ft ² -yr)	Compliance Margin (EDR1)	Compliance Margin (EDR2)	Ene
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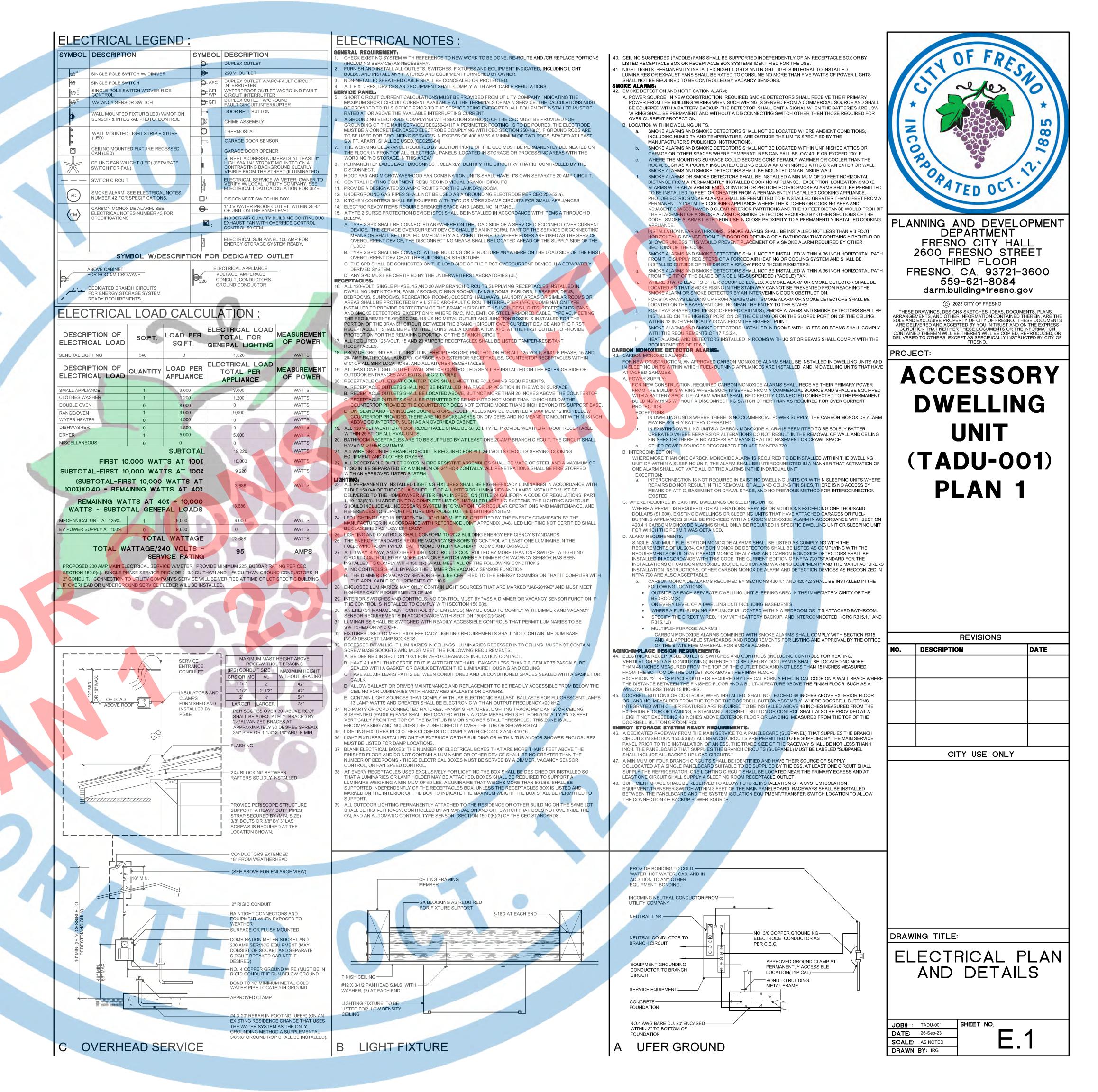


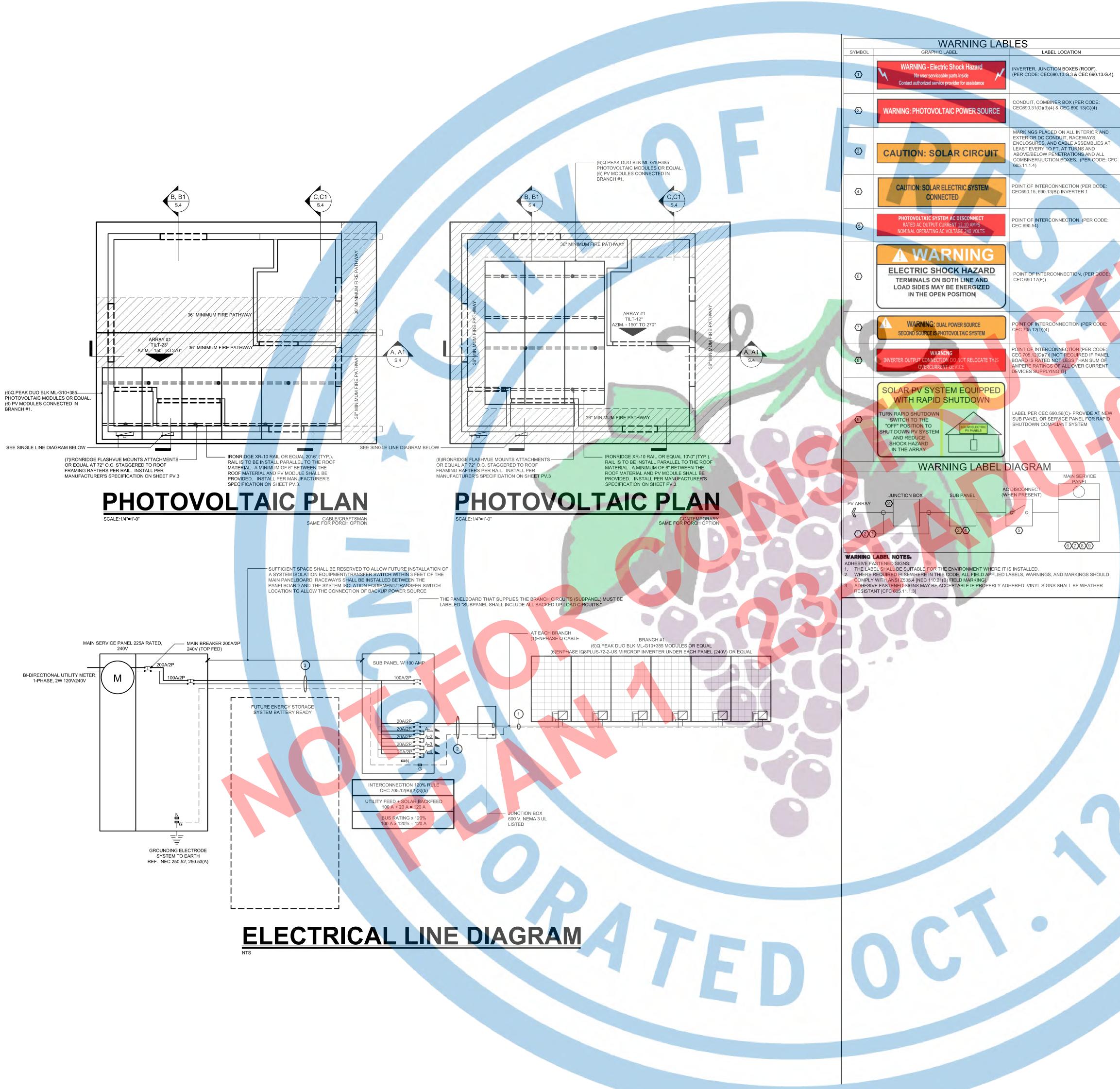


DEDICATED WITHIN 3 F OF WATER HEATER 125V, 20 AMP ELECTRIC READY W/120/240V 3 CONDUCTOR BRANCH CIRCUIT 120/240V 20 AMP 1/2" C, 3-#12 1-#12 GND CU BOTH ENDS OF SHALL BE LABELED "SPARE" AND BE ELECTRICALLY ISOLATED. A RESERVE SINGLE POLE BREAKER

LABELED "FUTURE 240V USE"

A, A1





GROUND SNOWLOAD: 0 NAME OF DC STC RATING: 2.31 kW DC STC RATING: 2.31 kW PV ARRAY WEIGHT 2910 LBS SCHEEDULE OF SOLAR PHOTOVOLTAIC COMPONENTS SCHEEDULE OF SOLAR PHOTOVOLTAIC COMPONENTS SCHERDULE OF SOLAR PHOTOVOLIAC COMPONENTS MICRO INVERTERS OPERATOD BLK ML-GIO-380 OR EQUAL 6 AC COMPONENT IRONRIDGE XRIO OR EQUAL 6 AC COMBINER NA NA RACKING RALL IRONRIDGE XRIO OR EQUAL 6 AC CONTRACTOR SHALL REVENCE IRONRIDGE XRIO OR EQUAL 6 TID 2.7PPONAL ALL ELECTRICAL EQUIPMENT SHALL BE LEUBLEID. LISTED, OR CERTIFIED BY A NATIONALLY RECORDIZED TESTING LABORATORY ACCREDITED BY THE UNITED STATES OCCUPATIONAL SAFETY HEALTH 1.102.7PPONAL: ALL ELECTRICAL EQUIPMENT SHALL BE LEUBLEID. LISTED, OR CERTIFIED BY A NATIONALLY RECORDIZED TESTING LABORATORY ACCREDITED BY THE UNITED STATES OCCUPATIONAL SAFETY HEALTH 3. CONTRACTOR SHALL REVEW ALL MANNENTS PRIOR TO INITIATING CONSTRUCTION. SALE CONTRACTOR SHALL REVEN ALL MANNENTS PRIOR TO INITIATING CONSTRUCTIONS SHALL BE INSTALLEO ONLY BY 0. CONTRACTOR SHALL REVEN ALL MANNENGE REPOVED. MINIMUM TYPE I WITH A 20 LB RATING, IN GOO CONDITION AND DESIGNED TO RECORD ADDE REPORTS, DISTING THE PROVED. MINIMUM TYPE I WITH A 20 LB RATING, IN GOO CONDITION AND DESIGNED TO RECORD ADDE RECORD CONDITION AND DESIGNED TO RECORD FOR THE HOUSE. CHERENON CONSTRUCTO								
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<form></form>	GROUND SNOW LOAD: WIND SPEED: PV ARRAY WEIGHT	94 MPH		DC STC RATING: 2.31 kW		S/_	eler	0
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<text><text><text><text><text><text></text></text></text></text></text></text>	 UTILITY SHALL BE NOTIFI 110.2 APPROVAL: ALL ELE 	CTRICAL EQUIPMENT SHALL B	E LABELED, LISTED, OR CE			20		~
<text><text><text><text><text><text></text></text></text></text></text></text>	ADMINISTRATION. 3. CONTRACTOR SHALL FIE	LD VERIFY ALL DIMENSIONS PF	RIOR TO INITIATING CONST	RUCTION.		RAT	ED OCT	
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<form></form>	9. CONTRACTOR SHALL VE	ECTOR IN THE FIELD. RIFY THAT THE ROOF STRUCTU	IRE WILL WITHSTAND THE	ADDITIONAL LOADS.		559	-621-8084	
<text><text><text><text><text><text></text></text></text></text></text></text>	MANUFACTURER RECOM	IMENDATIONS FOR FASTENERS	INTO ENGINEERED STRUC T PLACE THE GROUND LAE	CTURAL MEMBERS. DDER OVER OPENINGS SUCH AS				gov
<text><text><text><text><text><text></text></text></text></text></text></text>	WINDOWS OR DOORS AF THE ACCESS POINT DOE (CRC R331.4.2)	RE LOCATED AT STRONG POINT S NOT CONFLICT WITH OVERHE	S OF BUILDING CONSTRUC AD OBSTRUCTIONS SUCH	CTION AND IN LOCATIONS WHERE AS TREE LIMBS, WIRES, OR SIGNS.	THESE	DRAWINGS, DESIGN	IS SKETCHES, IDEAS, DOCU	JMENTS, PLANS, D THEREIN, ARE THE
<form></form>	12. WHERE DC CONDUCTOR SHALL NOT BE INSTALLE MODULES AND EQUIPME	D WI <mark>THIN</mark> 10 <mark>" OF THE</mark> ROOF DEC NT. (<mark>CEC 69</mark> 0.31(E)(1))	CKING OR SHEATHING EXC	EPT WHERE COVERED BY THE PV	SOLE ANI ARE DE COND CONTAIN	D EXCLUSIVE PROPE LIVERED AND ACCEF ITION THAT NEITHER ED THEREIN WILL BE	RTY OF CITY OF FRESNO. PTED BY YOU IN TRUST AND THESE DOCUMENTS OR TI THEREIN WILL BE COPIED	THESE DOCUMENTS ON THE EXPRESS HE INFORMATION REPRODUCED, OR
	13. PLUMBING AND MECHAN BUILDING, PLUMBING, OF	ICAL VENTS THROUGH THE RO			DELIVER	ED TO OTHERS, EXC	EPT AS SPECIFICALLY INST	RUCTED BY CITY OF
	14. ALL FIELD-INSTALLED JU DIRECTLY OR BY DISPLAY	CEMENT OF A MODULE SECURI	ED BY REMOVABLE FASTER	NERS.				
							ESSC)RY
	Q-CABLE	BARE COPPER						
	Z THWN 3 2 AWG	THWN 8 AWG				DW	ELLIN	NG
	ELECTRICAL SOLAR NOT	ES:						
	VOLTAGE AT 600V; WI 2. EXPOSED PHOTOVOL	RE SHALL BE WET RATED AT 90 FAIC SYSTEM CONDUCTORS ON	°C. I THE ROOF WILL BE USE-2	OR PV TYPE WIRE.		l	JINI I	
	SHALL BE PERMITTED 4. ALL EXTERIOR CONDU	BY SEPARATE COLOR-CODING JIT, FITTINGS, AND BOXES SHAL	, MARKING TAPE, TAGGING	OR OTHER APPROVED MEANS	(ΤΛΙ		(1)
	5. WHERE CONDUCTORS ENSURE PROPER PRO	S ÁRE INSTALLED UNDERGROU DTECTION.			`			
	250.96) 7. WHERE SIZES OF JUN	CTION BOXES, RACEWAYS, ANI				ΡΙ	ΔΝ	1
	8. REMOVAL OF A UTILIT CONNECTION BETWEE	Y-INTERACTIVE INVERTER OR O						•
	9. FOR GROUNDED SYST GROUND-FAULT PROT	EMS, THE PHOTOVOLTAIC SOU ECTION DEVICE OR SYSTEM TH	IAT DETECTS A GROUND F	AULT, INDICATES THAT FAULT				
	AUTOMATICALLY CEAS 10. FOR UNGROUNDED SY	SE SUPPLYING POWER TO OUT (STEMS, THE INVERTER IS EQU	PUT CIRCUITS. (CEC 690.35	5(C))				
	11. PV MODULE FRAMES S		RAIL OR BONDED PER MA	NUFACTURER'S				
					-			
							PEVICIONS	
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SCALE: AS NOTED								
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PHOTOVOLTAIC MODULE SPECIFICATION

MICROINVERTER SPECIFICATION

IQ8 Series Microinverters reg

235 - 350

60-cell / 120 half-cell

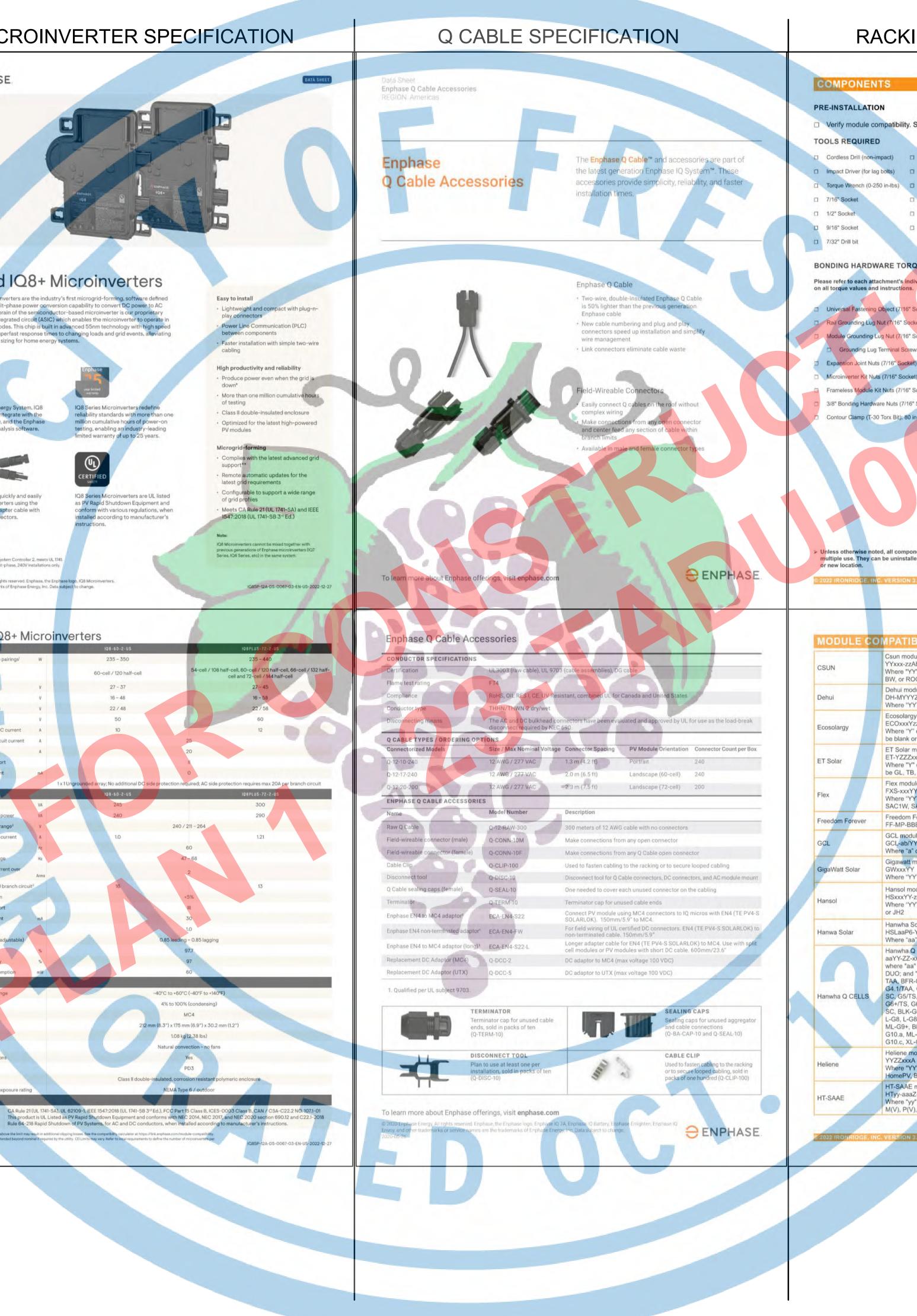
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22/48

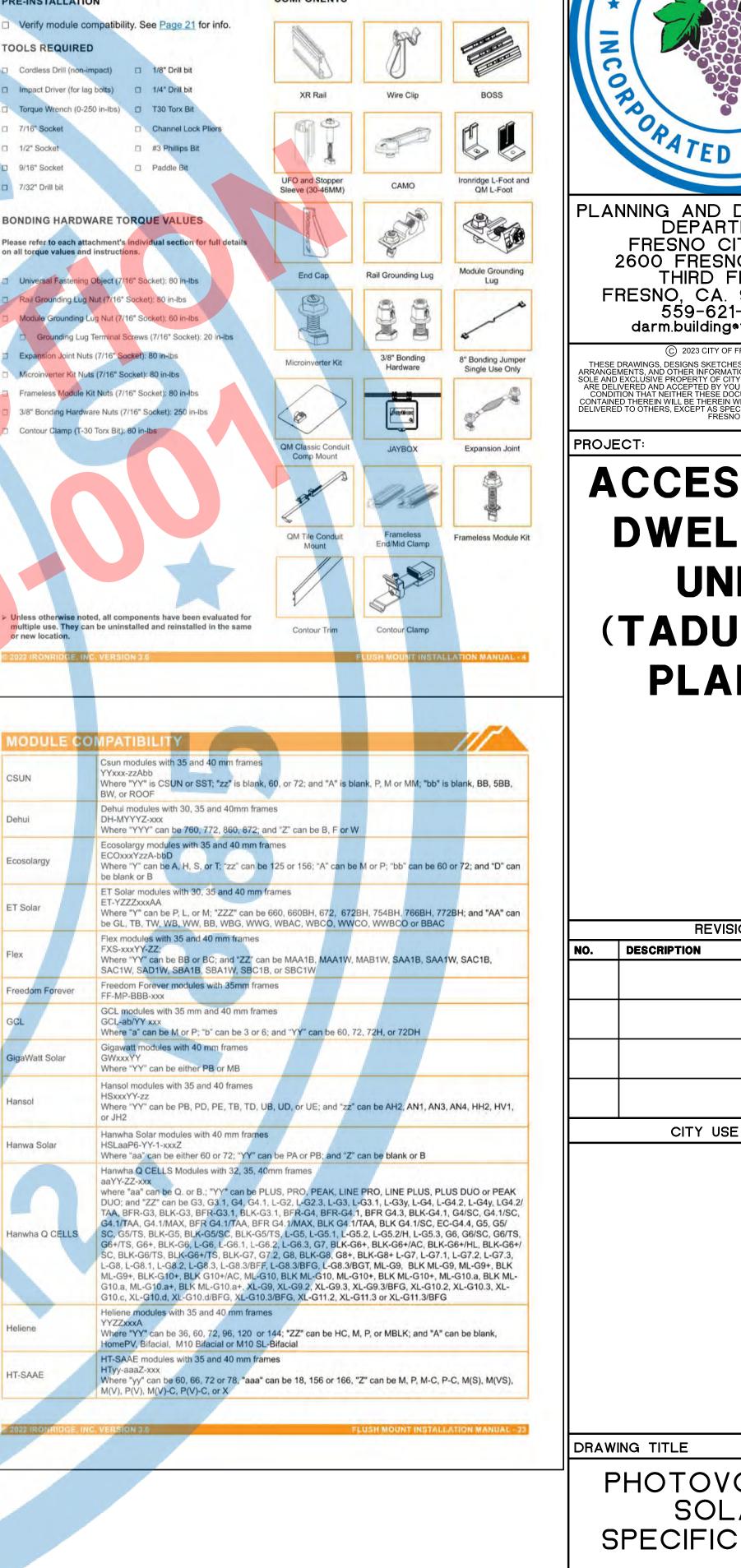
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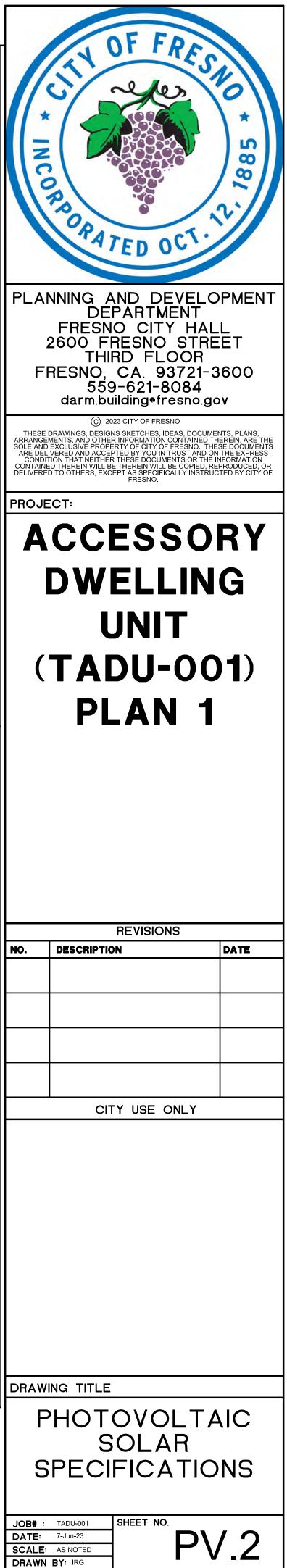
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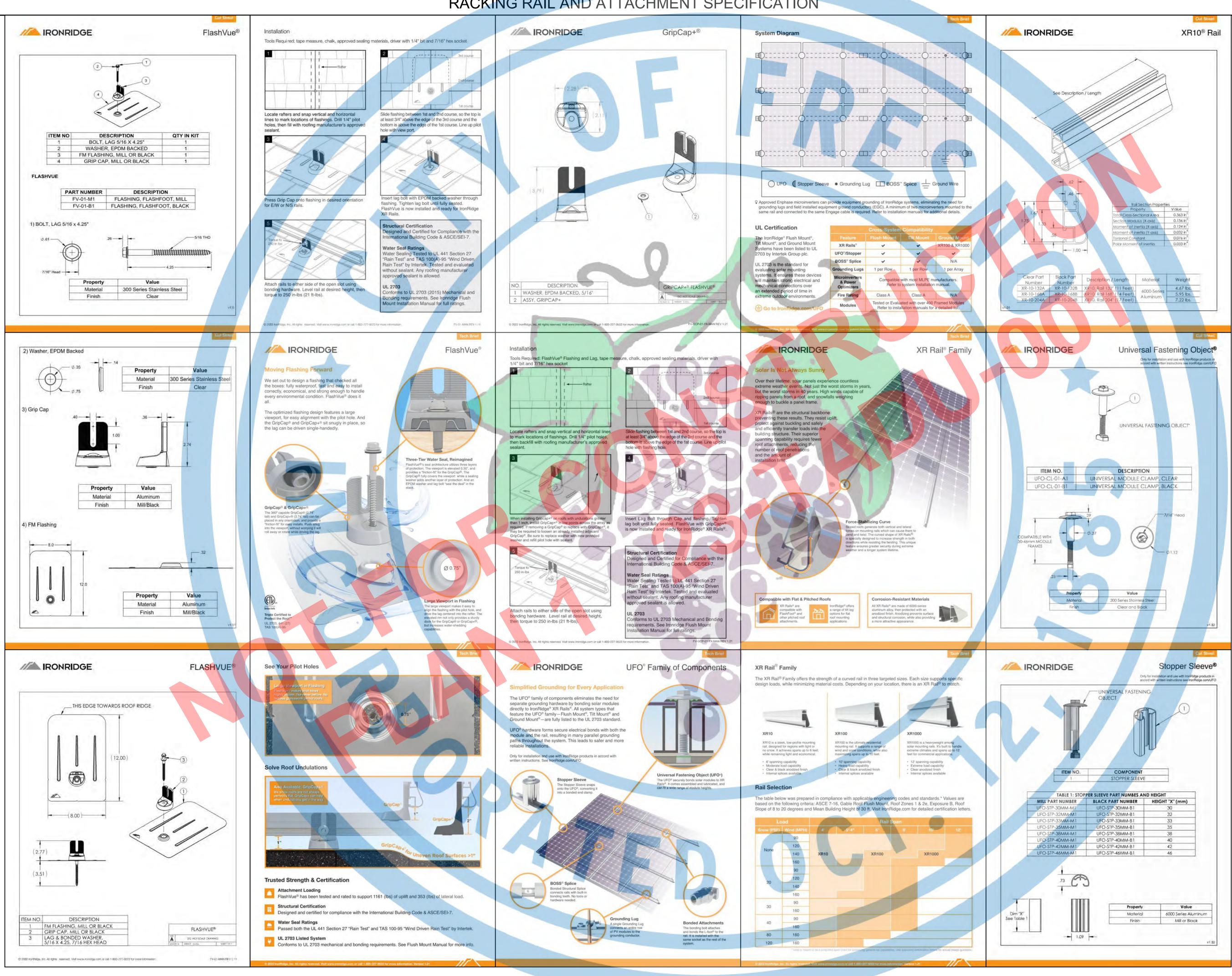
Q.PEAK DUO BLK ML-G10+ 385-405 ENDURING HIGH PERFORMANCE 25 TOP BRAND PV MODULES SUROPE 2021 IQ8 and IQ8+ Microinverters Q CELLS Warranty at IQ8 Microinverters are the industry's first microgrid-forming, software defined **BREAKING THE 20% EFFICIENCY BARRIER** microinverters with split-phase power conversion capability to convert DC power to AC ΔΠ Q.ANTUM DUO Z Technology with zero gap cell layout power efficiently. The brain of the semiconductor-based microinverter is our proprietan application specific integrated circuit (ASIC) which enables the microinverter to operate in boosts module efficiency up to 20.9%. grid-tied or off-grid modes. This chip is built in advanced 55nm technology with high spee digital logic and has superfast response times to changing loads and grid events, alleviating HOROUGH TESTING PROGRAMME IN THE INDUSTRY Q CELLS is the first solar module manufacturer to pass the most comprehenonstraints on battery sizing for home energy systems. sive quality programme in the industry: The new "Quality Controlled PV" of he independent certification institute TÜV Rheinland. NOVATIVE ALL-WEATHER TECHNOLOGY Optimal yields, whatever the weather with excellent low-light and temperature behavior. Part of the Enphase Energy System, IQ8 Long-term yield security with Anti LID Technology, Anti PID Series Microinverters integrate with the echnology¹, Hot-Spot Protect and Traceable Quality Tra.Q™. IQ Battery, IQ Gateway, and the Enphase App monitoring and analysis software. **EXTREME WEATHER RATING** High-tech aluminum alloy frame, certified for high snow (5400Pa) and wind loads (4000Pa). A RELIABLE INVESTMENT Inclusive 25-year product warranty and 25-year linear performance warranty². Connect PV modules quickly and easily APT test conditions according to IEC/TS 62804-1:2015, method A (-1500V.96h) to IQ8 Series Microinverters using the ² See data sheet on rear for further information. included Q-DCC-2 adapter cable with plug-n-play MC4 connectors. THE IDEAL SOLUTION FOR: Rooftop arrays on residential buildings *Only when installed with IQ System Controller 2, meets UL 1741. IQ8 and IQ8Plus support split-phase, 240V installations on © 2022 Enphase Energy. All rights reserved. Enphase, the Enphase logo, IQ8 Microinverter Engineered in Germany and other names are trademarks of Enphase Energy, Inc. Data subject to change. MECHANICAL SPECIFICATION IQ8 and IQ8+ Microinverters 74.0 in × 41.1 in × 1.26 in (including frame) (1879 mm × 1045 mm × 32 mm) 48.5lbs (22.0kg Commonly used module pairings' W 0.13 in (3.2 mm) thermally pre-stressed glass with anti-reflection technology Module compatibilit Back Cover Composite film Black anodized aluminu crystalline Q.ANTUM solar half cells Operating range Junction Box 2.09-3.98 in × 1.26-2.36 in × 0.59-0.71 in (53-101mm × 32-60mm × 15-18mm), IP67, with bypass diodes Min. / Max. start voltage ٧ 4 mm² Solar cable; (+) ≥49.2 in (1250 mm), (-) ≥49.2 in (1250 mm) Max. input DC voltage Stäubli MC4; IP68 Connector - 1.30° (32 mm) Max. continuous input DC current A 0.99"(24.5m) Max. input DC short-circuit current ELECTRICAL CHARACTERISTICS Max. module I_{sc} POWER CLASS voltage class DC por 385 390 INIMUM PER Power at MPS 45.23 Open Circuit Voltag 45.19 Current at MPF 10.65 10.59 Peak output power 36.88 Voltage at MPP 36.36 36,62 Max. continuous output pow ≥20.1 **MINIMUM PERFORMA** (L-L) voltage / range² 296.3 Power at MPP 8.95 42.76 Open Circuit Voltag 42.69 42.65 42.72 Current at MPP 8.46 35.03 Voltage at MPP 34.59 ircuit fault current o urement tolerances Pure ±3%: Inc. Voc ±5% at STC: 1000W/m², 25±2°C, AM 1.5 according to IEC 60904-3 • 2800W/m², NMOT, spectrum AM 1 Q CELLS PERFORMANCE WARRANTY PERFORMANCE AT LOW IRRADIANCE Max. units per 20 A (L-L) branch circuit first year. Thereafter max, 0.5% degradation per year. At least 93.5% of nominal power up to 10 years. At Overvoltage class AC port last 86% of nominal power up to C port backfeed current 25 years. ower factor setting All data within measurement tolerand s. Full warranties in accordance with he warranty terms of the Q CELLS sales organisation of your respective k efficienc country. ypical module performance un omparison to STC conditions (25 °C, 1000 W/r **EMPERATURE COEFFICIENTS** +0.04 Temperature Coefficient of Vac a [%/K] sture Coefficient of γ [%/K] -0.34 Nominal Module Operating Temperature NMQT 109±5.4 (43: Ambient temper PROPERTIES FOR SYSTEM DESIGN 1000 (IEC)/1000 (UL) PV module classification Vaximum System Voltage V_{nm} DC Co Maximum Series Fuse Rating 20 Fire Rating based on ANSI/UL 61 [A DC] [Ibs/ft7] 75 (3600 Pa) / 55 (2660 Pa) Permitted Module Temperature -40 "F up to +185"F Dimension Max, Design Load, Push / PulP on Continuous Duty (-40 °C up to +85 °C) Max. Test Load, Push / Pulls [lbs/ft⁷] 113 (5400 Pa) / 84 (4000 Pa) See Installation Manual PACKAGING INFORMATION QUALIFICATIONS AND CERTIFICATES Pollution degree Enclosure EC 61215-2016, IEC 61730-2016. Horizantat 76,4in 43.3in 48.0in 1656lbs 24 24 32 packaging 1940mm 1100mm 1220mm 751kg pallets pallets modules S. Patent No. 9.893,215 (scrar cells) Environ. categ QCPV Certification angoing Note: Installation instructions must be followed. See the installation and operating manual or contact our technical service department for further information on approved installation and use of Hanwha G CELLS America Inc (2) Nominal voltage range ca 30 Spectrum Center Drive, Suite 1400, Invine, CA 92618, USA | TEL +1 949 748 59 96 | EMAIL inquiry@us.q-cells.com | WEB www.q-cells.us branch in your area.



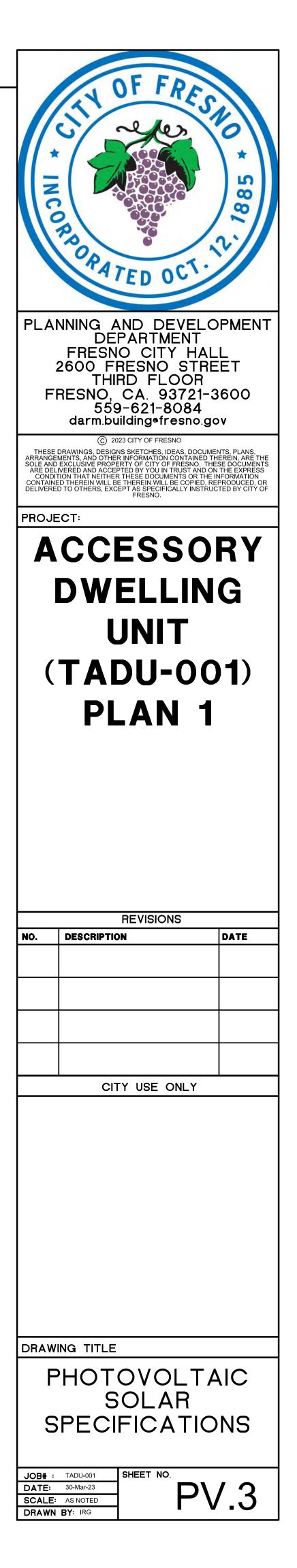
RACKING RAIL COMPONENTS COMPONENTS Verify module compatibility. See Page 21 for info

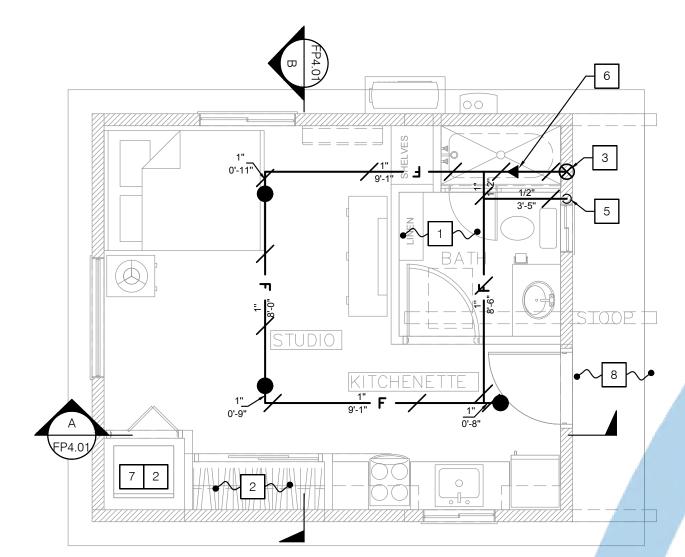






RACKING RAIL AND ATTACHMENT SPECIFICATION





SPRINKLER FLOOR PLAN - GABLE/CRAFTSMAN STYLE **CONDITIONS OF FFD APPROVAL:** 1/4"=1'0"

[8'-0'']



NO FINAL WILL BE GRANTED UNLESS WORK IS IN COMPLETE CONFORMANCE WITH ALL APPLICABLE LAWS, CODES, ORDINANCES, STANDARDS AND POLICIES.

FFD WILL NOT FINAL ANY BUILDING WITHOUT APPROVED PLANS WHICH REFLECT THE ACTUAL SYSTEM INSTALLATION IF FIELD CHANGES BECOME NECESSARY, NEW ADDENDUM PLANS MUST BE SUBMITTED, REVIEWED AND APPROVED PRIOR TO FFD ISSUING A BUILDING FINAL. IT IS THE CONTRACTORS RESPONSIBILITY TO SUBMIT ADDENDUM PLANS AND OBTAIN APPROVAL FOR CHANGES PRIOR TO REQUESTING A FINAL INSPECTION (CFC 105.4.5)

A COMPLETE, FULL SIZED, PHYSICAL COPY OF ALL PLAN DOCUMENTS (INCL. CALCS, MANF. SHEETS, ETC. SHALL BE MAINTAINED ON SITE AT ALL TIMES.

IT IS THE CONTRACTOR'S OBLIGATION TO COMPLY WITH ALL FFD CONDITIONS OF APPROVAL & APPLICABLE LAWS, CODES, ORDINANCES AND ADOPTED REFERENCED STANDARDS PRIOR TO REQUESTING A FIRE FINAL.

SPRINKLER RCP PLAN - GABLE/CRAFTSMAN STYLE 1/4"=1'0"

WATER SUPPLY INFORMATION

[8'-0'']

()

-7'-0"----

STATIC: 40 PSI RESIDUAL: 25 PSI

FLOW: 1350 GPM

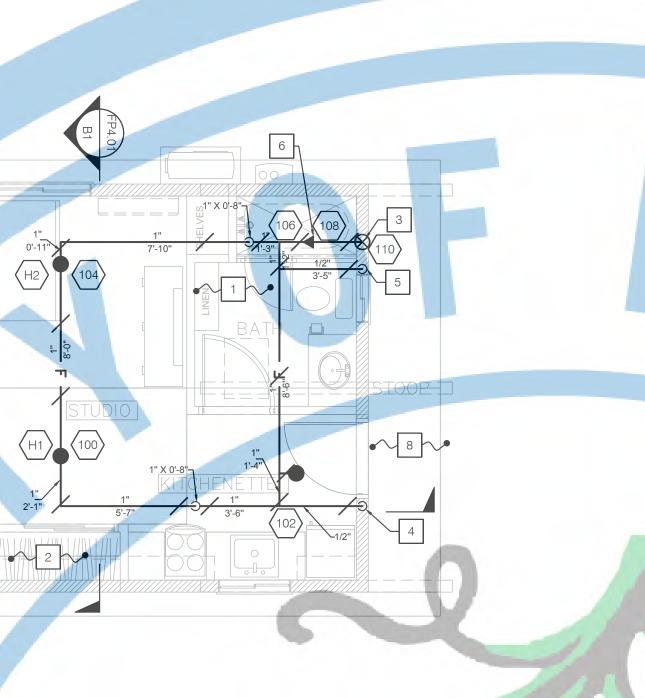
* WATER SUPPLY INFO PROVIDED BY CITY OF FRESNO AS MINIMUM EXPECTED PRESSURE & FLOW. CONTRACTOR TO CONFIRM THE SITE SPECIFIC WATER SUPPLY MEETS OR EXCEEDS THE SUPPLY SHOWN ABOVE*

APPROVED FOR MIN 1 INCH PUBLIC WATER SERVICE AND METER IN COPPER PIPE

GENERAL NOTES A.- THE SYSTEM IS A "STANDALONE SYSTEM WITH PASSIVE PURGE" - CPVC HANGERS SHALL BE IN ACCORDANCE WITH FRESNO FD POLICY #405.020 CPVC HANGER SPACING. C.- SPARE HEAD KITS AND WRENCHES SHALL BE INSTALLED INSIDE ALL NEW ADUS PER FRESNO FD FIRE INDUSTRY BULLETIN 2015-002. MINIMUM OF ONE (1) SPARE SPRINKLER HEAD FOR EACH TYPE, TEMPERATURE RATING AND/OR ORIFICE SIZE.

SYMBOL LOCATION MANUFACTURER SIN K-FACTOR TEMP. FINISH THREAD SIZE COMMENTS PROJE GYP. BOARD/ OFNUL OPPOSIT OPPOSIT	SPRINKLER HEAD SCHEDULE AND LEGEND									
GYP. BOARD/ OFNILL ODDDD1 0.7 1000 NULLE 1/01 FLAT CONCEALED PENDENT INSTALLATION	MBOL	LOCATION	MANUFACTURER	SIN	K-FACTOR	TEMP.	FINISH		COMMENTS	PROJECTS
SENJU SS8201 3.7 102" WHILE 1/2 OPDINUS ED NOT AN AN AN ANTAL		GYP. BOARD/ ACOUST. TILES.	SENJU	SS8261	3.7	162°	WHITE	1/2"		INSTALLATION OF A NEW ACCORDANCE WITH 2022

* FRESNO FD APPROVED EQUIVALENT SPRINKLERS MAY BE USED



SPRINKLER FLOOR PLAN - CONTEMPORARY STYLE



SPRINKLER RCP PLAN - CONTEMPORARY STYLE

SCOPE

FIRE SPRINKLER SYSTEM IN NEW RESIDENTIAL ADU IN 2 NFPA 13D AND LOCAL AUTHORITY POLICIES.

NOTES

1 SPRINKLER OMMITTED PER 2022 NFPA 13D, SECTION 8.3.2

SCALE: 1/4" = 1'-0"

- 2 SPRINKLER OMITTED PER 2022 NFPA 13D, SECTION 8.3.3
- 3 STANDALONE SYSTEM RISER. SEE DETAIL 2/FP6.02
- PROVIDE MINIMUM 1/2" DRAIN CONNECTION WITH VALVE.
- PROVIDE ACCESS PANEL ON EXTERIOR OF BUILDING. SEE DETAIL 4/FP6.01. 1/2" NPT CAPPED CONNECTION PER NFPA 13D 7.8.3.
- PLUMBING CONTRACTOR TO MAKE THE FINAL CONNECTION TO W.C. CONTRACTOR TO PROVIDE A MINIMUM 2'-0" HORIZONTAL
- LEAD-IN AT THE TOP OF RISER. REFER DETAIL 2/FP6.02 FOR SIZE OF LEAD-IN
- PROVIDE SPARE HEAD CABINET IN CLOSET OR OTHER APPROVED LOCATION. SEE NOTE C ON THIS SHEET.
- 8 SPRINKLER OMMITTED PER 2022 NFPA 13D, SECTION 8.3.4 FP6.01

GENERAL NOTES

- THE FIRE PROTECTION SYSTEM IS ON A DEFFERED APPROVAL BASIS. THE SUCCESS C-16 LICENSED CONTRACTOR SHALL COORDINATE WITH MECHANICAL ENGINEER & ARCHITECT, DESIGN AND INSTALL FIRE SPRINKLER SYSTEM FOR ALL CONCEALED A UNCONCEALED AREAS OF THE BUILDINGS AS REQUIRED.
- CONTRACTOR SHALL INSTALL, ROUTE AND SUPPORT AUTOMATIC SPRINKLER SYST PER REQUIREMENTS OF THE CURRENT NATIONAL FIRE PROTECTION ASSOCIATION CODE (NFPA), 2022 NFPA 13D, CALIFORNIA BUILDING CODE / CALIFORNIA FIRE COE (CBC/CFC) CHAPTER 9, CALIFORNIA MECHANICAL CODE (CMC) AND INSURANCES UNDER WRITER'S REQUIREMENTS.
- THE DESIGN COORDINATION AND APPROVALS OF ALL MAINS AND BRANCHES LINES SERVE SPRINKLERS SHALL BE DONE BY A LICENSED FIRE PROTECTION CONTRACTOR
- SUBMIT SHOP DRAWINGS FOR APPROVAL. SHOP DRAWINGS SHALL BE APPROVED THE CITY OF FRESNO PLAN CHECK DEPARTMENT PRIOR TO COMMENCING.
- LOCATION OF SPRINKLER HEADS SHALL BE DONE BY THE FIRE PROTECTION CONTRACTOR USING THE CRITERIA AS NOTED BELOW:
 - IN LOCATIONS WITH SUSPENDED CEILING, THE SPRINKLER HEADS SHALL E LOCATED IN THE CENTER OF THE INDIVIDUAL CEILING TILES. THE SPRINKLI HEADS PATTERN SHALL BE SYMMETRICAL ABOUT ROOM CENTER LINES AS MUCH AS POSSIBLE
- B. IN LOCATIONS WITH PLASTERED OR GYPSUM BOARD CEILINGS, THE SPI HEAD PATTERN SHALL BE SYMMETRICAL ABOUT ROOM CENTER LINES AS AS POSSIBLE.
- C. FOR LOCATIONS OF CEILING TILES, DIFFUSERS AND LIGHTS, SEE ARCHITECTURAL REFLECTED CEILING PLANS
- ALL NEW EQUIPMENT AND MATERIAL TO BE INSTALLED AS PART OF RENOVATI NEW CONSTRUCTION SHALL BEAR AN UNDERWRITERS LABORATORIES LABEL (AND INSTALLED IN SUCH A MANNER FOR WHICH THEY ARE DESIGNED AND APPROVED.
- NO HOLES SHALL BE DRILLED OR CUT IN OR THROUGH ANY STRUCTURAL ELEMENT WITHOUT WRITTEN APPROVAL OF THE ARCHITECT AND THE STRUCTURAL ENGINEE
- BLEEVE AND GROUT ALL PIPE PENETRATIONS THROUGH FLOORS OR WALLS UNLE PENETRATION IS FIRE RATED. WHEN PENETRATING A FIRE RATED FLOOR OR WALL SLEEVE WITH 1" MIN. ANNULAR SPACE AROUND PIPE O.D. FILL ANNULAR SPACE W FIBERGLASS FILL TO 1" FROM END OF SLEEVE. ADD APPROVED FIRE PROOF SEALA FOR THE HOUR RATING OF THE FLOOR OR WALL PENETRATION IN THE REMAINING SPACE.
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED TEMPORARY AND PERMANENT PERMITS, INCLUDING LICENSES, CERTIFICATES, INSPECTIONS AND TE
- . ALL PIPE PENETRATION THRU WALLS, RATED OR OTHERWISE SHALL BE COVERED A SPLIT ESCUTCHEON PLATE.
- 11. FIELD OBSERVATION AND SUPPORT SERVICES PERFORMED BY THE ENGINEER PR TO, DURING, OR AFTER CONSTRUCTION IS PERFORMED FOR THE PURPOSE OF ACHIEVING QUALITY CONTROL AND SHALL NOT BE CONSTRUED AS SUPERVISION CONSTRUCTION.
- PHASING: ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH GENERAL CONTRACTOR CONSTRUCTION SCHEDULE AND BASED UPON MINIMIZING DISRUP TO EXISTING OPERATION. PHASING SHALL BE APPROVED BY ARCHITECT PRIOR TO ONSTRUCTION OR DEMOLITION
- 13. ALL DEMOLISHED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACT WHO SHALL BE RESPONSIBLE FOR PROMPT DAILY REMOVAL FROM THE SITE. THI CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE SITE RESULTING FROM THE WORK AT THE CONCLUSION OF THE DAY'S CONSTRUCTION. THE AREA OF THE SI SHALL BE LEFT BROOM CLEAN. IF NOT, UPON NOTIFICATION, THE GENERAL CONTRACTOR WILL PERFORM ALL NECESSARY CLEAN-UP WORK AND BACK CHAR THE SUB CONTRACTOR FOR THE EXPENSE THUS INCURRED.
- ALL DEVICES AND COMPONENTS TO BE EITHER LISTED BY A NATIONALLY RECOGN TESTING LABORATORY FOR FIRE PROTECTION SERVICE OR APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- FITTINGS FOR HOLE-CUT CONNECTIONS, SUCH AS VICTAULIC "HOOKER" OR EQUIVALENT, ARE NOT ACCEPTABLE AND SHALL NOT BE USED.
- ALL CONTROL VALVES AND DRAIN VALVES SHALL HAVE A SIGN AFFIXED FOR IDENTIFICATION.
- 7. ALL ABOVE GROUND PIPING SHALL COMPLY WITH THE MATERIALS LISTED PER NFP, Ed. 2022 TABLE 5.2.2.
- 18. ALL FITTING MATERIALS SHALL COMPLY WITH THE MATERIALS LISTED PER NFPA 130 2022 TABLE 5.2.5.
- 19. ALL TOILETS SHALL BE EQUIPPED WITH A PASSIVE PURGE.
- 20. OBTAIN PERMIT FROM THE FIRE PREVENTION DIVISION FOR THE INSTALLATION OF MODIFICATION OF FIRE SPRINKLER SYSTEM.
- A COPY OF THE APPROVED PLAN SET SHALL BE ON SITE DURING ANY FIRE DEPARTMENT INSPECTION.
- 22. IT IS THE CONTRACTOR'S RESPONSABILITY TO MAKE WORK AVAILABLE FOR INSPEC
- 23. MATERIALS FOR THE BUILDING WATER PIPING AND BUILDING SUPPLY PIPING SHALL IN ACCORDANCE WITH THE APPLICABLE STANDARDS REFERENCED IN CALIFORNIA PLUMBING CODE, TABLE 604.1. GALVANIZED MALLEABLE IRON, GALVANIZED WROU IRON OR GALVANIZED STEEL ARE PROHIBITED MATERIALS FOR USE BOTH UNDERGROUND AND IN BUILDINGS.
- HYDRAULIC CALCULATIONS SHALL NOT BE REQUIRED PER FRESNO FIRE DEPARTM IF THE ACTUAL WATER SUPPLY IS GREATER OR EQUAL TO THE WATER SUPPLY DAT SHOWN ON THIS SHEET.

SHEET INDEX

FP4.01

FP6.02



	BUILDING	G DESIGN INFO	ORMATION
SSFUL	BUILDING DESIGI	N INFORMATION:	
& AND		G OCCUPANCY= R3 RUCTION TYPE= TYPE V-B	
		LDING HEIGHT= SEE PLANS BUILDING AREA= 340 SF	
TEM N	-GOVERNI	NG FIRE CODE = 2022 CFC	
DE	SPRINKLER DE	SIGN CRITERIA -	
	-CLASSIFICATION O	F OCCUPANCY= RESIDENTIAL SIGN DENSITY= 0.05 GPM/SQ.F	т
ES TO TOR.		TOR DISTANCE= 2 IN. MAX	
BY		HEAD SPACING = 14 FT. MAX	
	ABBREVIATION DE		
BE	BFV BU	OVE FINISHING FLOOR ITERFLY VALVE	
LER S		STING E HYDRANT	
	(N) NEV PIV PO	W ST INDICATOR VALVE	
NKLER MUCH		NT OF CONNECTION	
		DERGROUND TER SERVICE PIPING	
		JMBING CONTRACTOR	
ON /		EVIATIONS NOT MENTIONED HER MADE TO ANSI Y1.1, MILITARY S	
(UL),		ID OTHER STANDARD INDUSTRY	
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ANT G		NODE USED IN CALCULAT	
STS.		SECTION CALLOUT	
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vviiiii	[11'-0"]	CEILING HEIGHT	
OR	<u> </u>	PIPE TAG - NUMBER ON TOP DENOT	ES PIPE DIAMETER (IN)
OF	X-X		NOTES PIPE LENGTH (FT-IN)
	, F F	NEW PIPE	
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OR	\otimes	RISER	
ΓE			
GE		PENDENT SPRINKLER	
		→ PIPE HANGER	
NZED		ELBOW FACING AWAY FRO	DM VIEWER
		-O ELBOW FACING TOWARD	VIEWER
1	~		VIEWER
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PA 13D		ANCES FOR ORDINAR	
3D Ed.	SPRINKLERS		
		ORDINARY TEMPERATURE	FROM EDGE OF SOURCE TO NTERMEDIATE
		SPRINKLER in.	TEMPERATURE SPRINKLER in.
	SIDE OF OPEN OR RECESSED	36	12
	FIREPLACE FRONT OF		
CTION.	RECESSED FIREPLACE	60	36
L BE	COAL- OR WOOD-BURNING	42	12
A JGHT	STOVE KITCHEN RANGE	18	9
	WALL OVEN	18	9
MENT		18	9
ΓA	UNINSULATED HEAT DUCTS	18	9
	UNINSULATED HOT WATER PIPES	12	6
	SIDE OF CEILING- OR WALL-MOUNTEE		12
	HOT AIR DIFFUSERS		10
	WALL-MOUNTED HOT AIR DIFFUSERS	36	18
	HOT WATER		

HOT WATER

HEATER OR

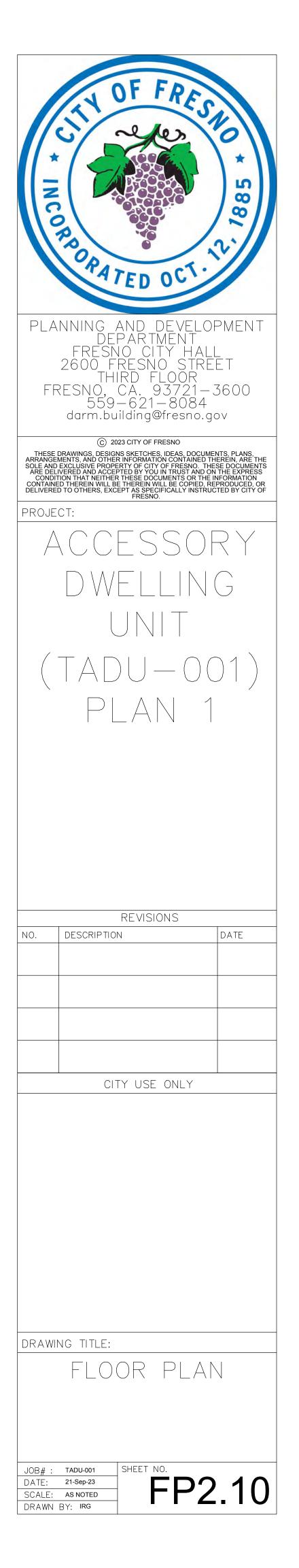
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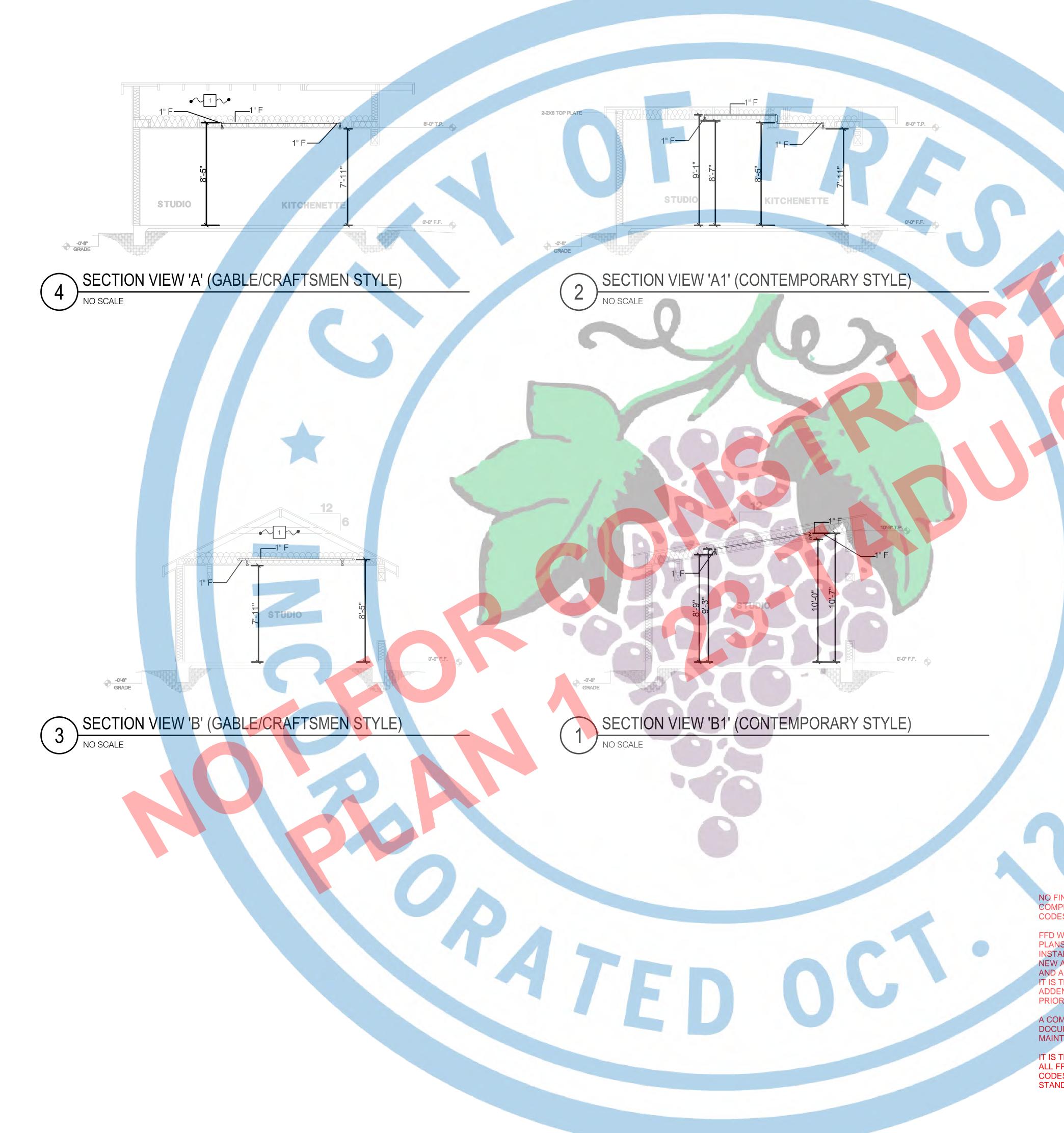
LIGHT FIXTURE

0 W-250 W

250 W-499 W

12





NOTES SPRINKLERS OMMITTED PER 2022 NFPA 13D, SECTION 8.3.5.



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FFD WILL NOT FINAL ANY BUILDING WITHOUT APPROVED PLANS WHICH REFLECT THE ACTUAL SYSTEM INSTALLATION IF FIELD CHANGES BECOME NECESSARY, NEW ADDENDUM PLANS MUST BE SUBMITTED, REVIEWED AND APPROVED PRIOR TO FFD ISSUING A BUILDING FINAL. IT IS THE CONTRACTORS RESPONSIBILITY TO SUBMIT ADDENDUM PLANS AND OBTAIN APPROVAL FOR CHANGES PRIOR TO REQUESTING A FINAL INSPECTION (CFC 105.4.5).

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IT IS THE CONTRACTOR'S OBLIGATION TO COMPLY WITH ALL FFD CONDITIONS OF APPROVAL & APPLICABLE LAWS, CODES, ORDINANCES AND ADOPTED REFERENCED STANDARDS PRIOR TO REQUESTING A FIRE FINAL.

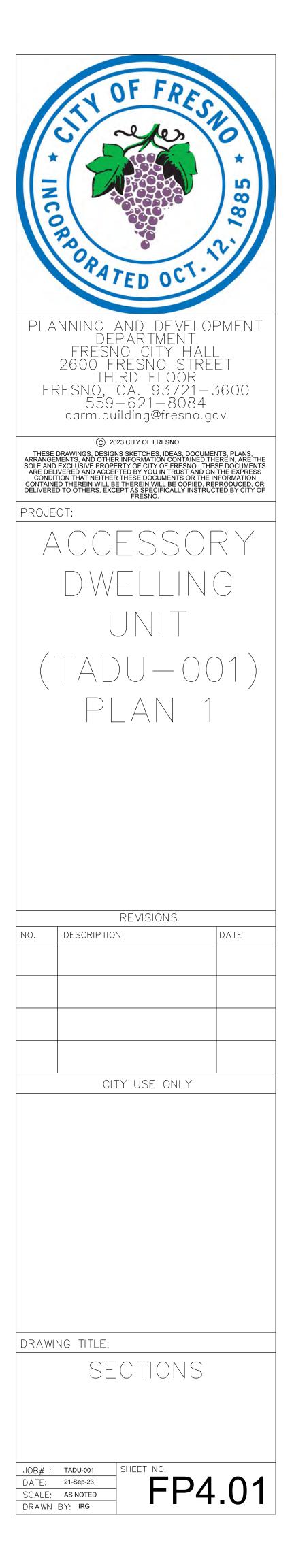
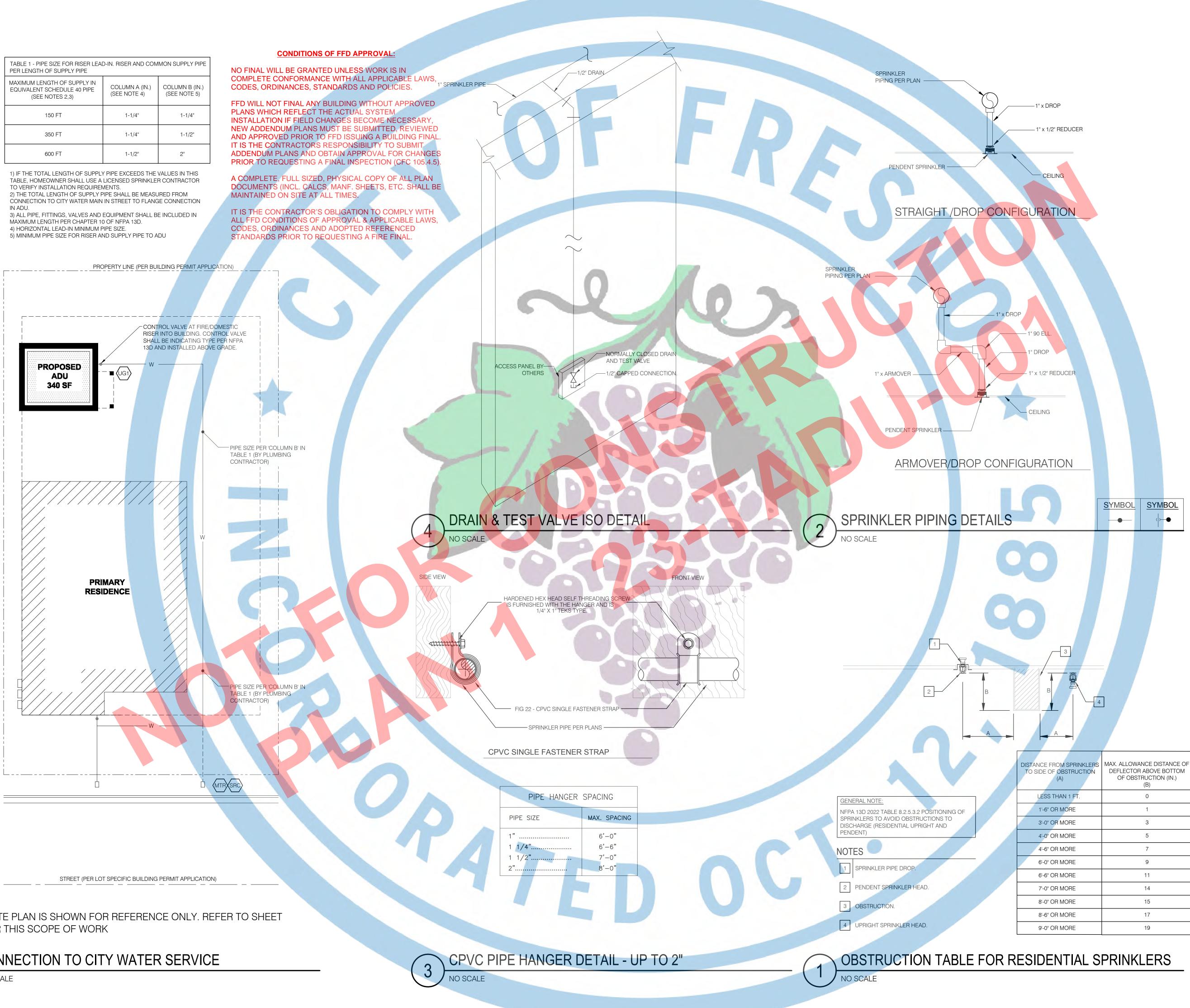


TABLE 1 - PIPE SIZE FOR RISER LEAD-IN. RISER AND COMMON SUPPLY PIPE PER LENGTH OF SUPPLY PIPE								
MAXIMUM LENGTH OF SUPPLY IN EQUIVALENT SCHEDULE 40 PIPE (SEE NOTES 2,3)	COLUMN A (IN.) (SEE NOTE 4)	COLUMN B (IN.) (SEE NOTE 5)						
150 FT	1-1/4"	1-1/4"						
350 FT	1-1/4"	1-1/2"						
600 FT	1-1/2"	2"						



NOTE:

THIS SITE PLAN IS SHOWN FOR REFERENCE ONLY. REFER TO SHEET T.1 FOR THIS SCOPE OF WORK



