

TYPICAL NOTES

- SIMILAR MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITIONS NOTES. VERIFY DIMENSIONS AND/OR ORIENTATIONS ON PLANS AND/OR
- ELEVATIONS.
 DIMENSIONS ARE NOT ADJUSTABLE WITHOUT APPROVAL OF ARCHITECT IN
- WRITING.

 TS HALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE
 ARCHITECT OF ANY CONFLICTS HERRIN, ETHER APPARENT OR DRIVOUS
 PRIOR TO START OR WORK ON THAT THEM OR BEAR THE RESPONSIBILITY OF
 CORRECTING SUCH WORK AS DIRECTED BY THE ARCHITECT AND AT NO
 ADDITIONAL COST AND NO TIME EXTENSION OF THE PROJECT.
- UNDERCUT ALL DOORS TO CLEAR TOP OF FLOOR FINISH AND/OR THRESHOLD 1/4 INCH MAXIMUM AND IN COMPLIANCE WITH RATED DOOR/FRAME
- OUDELINES.
 USE WATER RESISTANT / GLASS FIBER FACED CYPSUM WALLBOARD ON ALL
 WALL FACES WHICH ARE EXPOSED TO WATER OR MOISTURE AS WELL AS
 THOSE USED FOR JAMITOR, TOILET AND SHOWER WALLS, COORDINATE WITH
 SPECIFICATION.
- SEE DRAWINGS AND DETAILS FOR TYPICAL NOTES.

CONTRACTOR RESPONSIBILITIES

- THE CONTRACTOR SHALL EXAMINE THE DRAWINGS AND SPECIFICATIONS THE CONTINUE ON STRULE EXAMINE THE UNAVINOS SHAD SPECIFICATIONS AND SHELL FOR THE PROPERTY OF ANY DISCREPANCIES FOUND PRIOR TO PROCEEDING WITH THE WORK IN UNCERTAINTY.

 THE CONTRACTOR SHALL VERIFY CONDITIONS AT THE SITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK OF THE PROPERTY OF T
- ANY DISCREPANCIAL TO THE OBSTRACT OF THE OBSTRACT OF THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT PRIOR
- TO ANY EXCAVATING THE CONTRACTOR SHALL COORDINATE THE REMOVAL, ABANDONMENT AND/OR LOCATIONS OF EXISTING UTILITIES ABOVE OR BELOW GRADE WITH
- ANDIOR LOCATIONS OF EAST INN O ITILITIES ADJUG OF BELOW MADLE WITH THE RESPECTIVE INITIATY COMPANIES.
 THE CONTRACTOR SHALL PERFORM ALL WORK WITHIN STREET RIGHT-OF-WAYS ACCORDING TO THE APPROVED STANDARD PLANS AND SPECIFICATIONS OF THE AGENCY HAVING JUREDUCTION.
 THE CONTRACTOR SHALL DETAIN AN ENCROACHMENT FERMIT FOR ALL WORK IN CITY BOAD.
- GUYS REQUIRED TO SUPPORT ALL LOADS TO WHICH THE BUILDING
 STRUCTURES AND COMPONENTS, ADJACENT SOILS AND STRUCTURES.

PROJECT TEAM

OWNER MECHANICAL AND ENERGY CONSULTAN COUNTY OF NEVADA MELAS ENERGY ENGINEERING

950 MAIDU AVE NEVADA CITY, CA 95959 547 UREN STREET NEVADA CITY, CA 95959

MICHAEL MELAS

ELECTRICAL CONTRACTOR

UP-LIGHT ELECTRICAL ENGINEERING, IN 3130 TWITCHELL ISLAND ROAD WEST SACRAMENTO, CA 95691

JIM PUGA (916) 371-3202 jpuga@uplightee.com

ARCHITECT

CIVIL ENGINEER

GRASS VALLEY, CA

MARTIN WOOD

SCO PLANNING, ENGINERRING, AND SURVEYING, INC 240 LITTON DRIVE, #240

WALLIS DESIGN STUDIO ARCHITECTS 435 W. MAIN STREET GRASS VALLEY, CA 95945

POREPT WALLIS ALA (530) 264-7010 robert.wallis@wdsa.us

GARY A BURKE (530) 264-7010 gary.burke@wdsa.us

PROJECT INFORMATION

GENERAL SITE INFORMATION LOCATION: 1103-1105 SUTTON WAY, GRASS VALLEY, CA, 95945

GENERAL SCOPE OF WORK

- TENANT IMPROVEMENT FOR OFFICE AND HOMELESS RESOURCE CENTER SITE IMPROVEMENTS INCLUDING ADA PATH OF TRAVEL AND TRASH
- ADD NEW FIRE SPRINKLER SYSTEM

EXISTING BUILDING INFORMATION

035-400-042 APN: ACRES: 1.00 ac C-2 GVCITY BUSINESS USE: TYPE OF CONSTRUCTION: FIRE SPRINKLERS: 1ST FLOOR TOTAL AREA: 6.076 SE

ALTERED BUILDING INFORMATION

..oo ac .-2 GVCITY ZONING: DCCUPANCY TYPE: BUSINESS TYPE OF CONSTRUCTION: FIRE SPRINKLERS: 1ST FLOOR TOTAL AREA: 6. 076 SF 2ND FLOOR TOTAL AREA: TOTAL FLOOR AREA: 8, 271 SF

BUILDING CONSTRUCTION DESCRIPTION
WOOD FRAMED STRUCTURE WITH MIXED SIDING OF METAL AND STUCCO, CLASS A

TYPE VB CONSTRUCTION: ALLOWABLE BUILDING HEIGHT: ALLOWABLE AREA - B OCC

60'-0" <u>ACTUAL 30' - 0" +/-</u> 27,000 SF PER FLR (SPRINKLERED) 2,196 SF ACTUAL 2

ALLOWABLE AREA - B OCC

A CTUAL AREA:

A FIRST FLOOR:

B. SECOND FLOOR:

ALLOWABLE NUMBER OF STORIES

TOTAL OCCUPANCY - B-OCC 1:150= 8,271/150= 5

CIVIL

ARCHITECTURAL

GENERAL

Ao.3

EXISTING TOPOGRAPHY AND DEMOLITION PLAN GRADING AND DRAINAGE PLAN DETAILS

CAL-GREEN NON RESIDENTIAL

CAL-GREEN NON RESIDENTIAL

RAINAGE / WALL DETAILS

COVER SHEET

SITE DETAILS EXISTING DEMOLITION PLAN - FIRST FLOOR ELOOR PLAN OVERALL

INTERIOR FINISHES ENLARGED PLANS A2.1.3

EXISTING DEMOLITION PLAN SECOND FLOOR A2.2.0 SECOND FLOOR PLAN OVERALL MOUNTING HEIGHTS AND ACCESSORIES

A2.2.1 A3.0 A3.1 A4.0 DOOR SCHEDULES
BUILDING SECTIONS
CASEWORK SCHEDULE AND DETAILS

INTERIOR ELEVATIONS INTERIOR ELEVATIONS REFLECTED CEILING PLAN

DOOR DETAILS STAIR DETAILS

STRUCTURAL

GENERAL NOTES FOUNDATION PLAN

FOUNDATION DETAILS

2ND FLOOR FRAMIN FRAMING DETAILS

SPECIAL INSPECTIONS

SHEET INDEX

MECHANICAL

COVER SHEET UVAC NOTES & SPECIEICATIONS GENERAL NOTES CODE ANALYSIS EGRESS SIGNAGE PLAN

PLUMBING.

PLUMBING NOTES & SPECIFICATIONS 1ST FLOOR PLUMBING PLAN - WV&G P1.2 1ST FLOOR PLUMBING PLAN - WATER

FLECTRICAL

ONE-LINE & PANEL SCHEDULES & NOTES POWER & SIGNAL PLAN

HVAC POWER PLAN

LIGHTING PLAN LIGHT FIXTURE & CONTROL SCHEDULES ELECTRICAL SPECIFICATIONS TITLE-24 FORMS

ENERGY

TITLE-24 ENERGY REPORT

TITLE-24 ENERGY REPORT

COUNTY OF NEVADA

1103-1105 SUTTON WAY GRASS VALLEY, CA 95945

ARCHITECTS

415 W Main St Grass Valley, Ca 95945 (530) 264-7010 WallisDesignStudio.com

NEVADA COUNTY

BID

DOCUMENT

COMMONS

RESOURCE

CENTER

CONTRACT DOCUMENT



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DEFFERED APPROVALS

POST INSTALLED ANCHORS

SUBMITTAL DOCUMENTS SHALL BE SUBMITTED TO THE ARCHITECT OR SEMINER OF RECORDS WHO SHALL BE SURVIVE IN ED. 10 I HE ARTHRISE OF RESIDENCE OF RECORD WHO SHALL BE SURVIVE IN ED. 10 I HE ARTHRISE OF RESIDENCE OF

FIRE SPRINKLER SYSTEM BY LICENSED INSTALLER.

AGENCIES & UTILITIES

CITY OF GRASS VALLEY

CITY OF GRASS VALLEY GRASS VALLEY, CA 95945

JON MAY, BUILDING OFFICIAL BLDG@CITYOFGRASSVALLEY.COM

PHONE: (530) 274-4717 AMY KESLER-WOLFSON, CITY PLANNER

INFO/OPCITYOFGRASSVALLEY.COM

EMAIL: INFO@CITYOFGRA PHONE: (530) 274-4721 TREVOR VAN NOORT, UTILITIES SUPERINTENDENT

GRASS VALLEY FIRE DEPARTMENT

125 E. MAIN STREET GRASS VALLEY, CA 95945

DARRIN HUTCHINS, FIRE MARSHAL

CODES AND STANDARDS

ALL WORK SHALL COMPLY WITH THE 2022 CALIFORNIA CODE OF REGULATIONS, TITLE-24, CALIFORNIA BUILDING STANDARDS COMMISSION (CBSC) - PARTS 1 THRU PART 12

- PART 1 CALIFORNIA ADMINISTRATIVE CODE
 PART 2, VOLUME 1 OF 2 CALIFORNIA BUILDING CODE (CBC)
 PART 3, VOLUME 2 OF 2 CALIFORNIA BUILDING CODE (CBC)
 PART 2, 5 CALIFORNIA REDISENTIAL CODE (CGC)
 PART 3 CALIFORNIA ELECT

- PART 3 CALIFORNIA ELECTRICAL CODE (ECC)
 PART 4 CALIFORNIA MECHANICAL CODE (ECC)
 PART 5 CALIFORNIA MECHANICAL CODE (ECC)
 PART 5 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE
 PART 6 CALIFORNIA HELVATOR SAFETY CONSTRUCTION CODE
 PART 6 CALIFORNIA HELVATOR SAFETY CONSTRUCTION
 PART 5 CALIFORNIA METATORICAL BUILDING CODE
 PART 6 CALIFORNIA CODE FOR BUILDING CONSERVATION
 PART 1 5 CALIFORNIA GENERAL BUILDING STANDARDS CODE
 PART 1 5 CALIFORNIA GENERAL BUILDING STANDARD C

ALL WORK SHALL COMPLY WITH THE CURRENT EDITION OF THE CALIFORNIA CODE OF REGULATIONS (CCR), OFFICE OF ADMINISTRATIVE LAW.

- TITLE 19 C.C.R., PUBLIC SAFETY TITLE 24 C.C.R., BUILDING STANDARDS CODE

ALL WORK SHALL COMPLY WITH THE CURRENT FOLLOWING AUTHORITIES AND THEIR STANDARDS:

- BUILDING & SAFETY DIVISION PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT PUBLIC WORKS DEPARTMENT
- FIRE DEPARTMENT AMERICANS WITH DISABILITIES ACT (ADA)

GYPSUM BOARD

LEGEND



CONCRETE

CONCRETE UNIT MASONRY XXXXX BATT INSULATION

RIGID INSULATION STRUCTURAL SHEATHING

WOOD FRAMING, BLOCKING

WOOD FINISH

SYMBOLS



SHEET NOTE KEY NOTE

(101) DOORTAG **(1)** WINDOW TAG

q. CENTER LINE

AFF DEFEDENCE HEIGHT $\langle A \rangle$

ACCESSORY DESIGNATION

APPROVALS

Proj. No.: 2022011 Date: 08/29/2024 Scale: 1" = 1'-0" RMW Drawn By:

> Drawing Title **COVER SHEET**

Ao.o

CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPS)

CONSTRUCTION PROJECTS ARE REQUIRED TO IMPLEMENT THE STORMWATER BEST MANAGEMENT PRACTICES (BMP) ON THIS PAGE, AS THEY APPLY TO YOUR PROJECT, ALL YEAR LONG.

MATERIALS & WASTE MANAGEMENT

NON-HAZARDOUS MATERIALS

- BERM AND COVER STOCKPILES OF SAND, DIRT OR OTHER CONSTRUCTION MATERIAL WITH TARPS WHEN RAIN IS FORECAST OR IF NOT ACTIVELY BEIN
- USED WITHIN 14 DAYS.
 USE (BUT DON'T OVERUSE) RECLAIMED WATER FOR DUST CONTROL.

- LABEL ALL HAZARDOUS MATERIALS AND HAZARDOUS WASTES (SUCH AS PESTIGIDES, PAINTS, THINNERS, SOLVENTS, FUEL, OIL, AND ANTIFREEZE) IN ACCORDANCE WITH CITY, COUNTY, STATE AND FEDERAL REGULATIONS. STORE HAZARDOUS MATERIALS AND WASTES IN WATER TIGHT CONTAINERS, STORE IN APPORIATE SECONDARY CONTAINMENT, AND COVER THE MAT THE THEM AT THE
- IND OF EVERY WORK DAY OF DURING WET WEATHER OF WHEN PAIN
- FOLLOW MANUFACTURER'S APPLICATION INSTRUCTIONS FOR HAZARDOUS MATERIALS AND BE CAREFUL NOT TO USE MORE THAN NECESSARY, DO NO APPLY CHEMICALS OUTDOORS WHEN RAIN IS FORECAST WITHIN 24 HOURS. ARRANGE FOR APPROPRIATE DISPOSAL OF ALL HAZARDOUS WASTES.

- COVER WASTE DISPOSAL CONTAINERS SECURELY WITH TARPS AT THE END OF EVERY WORK DAY AND DURING WET WEATHER.
 CHECK WASTE DISPOSAL CONTAINERS FREQUENTLY FOR LEAKS AND TO MAKE SURE THEY ARE NOT OVER FILLED. NEVER HOSE DOWN A DUMPSTER ON THE
- CLEAN OR REPLACE PORTABLE TOILETS, AND INSPECT THEM FREQUENTLY FOR
- LEAKS AND SPILLS.
 DISPOSE OF ALL WASTES AND DEBRIS PROPERLY, RECYCLE MATERIALS AND
- MASTESTHAT CAN BE RECYCLED (SUCH AS ASPHALT, CONCRETE, AGGREGATE BASE MATERIALS, WOOD, GYP BOARD, PIPE, ETC.)
 DISPOSE OF LIQUID RESIDUES FROM PAINTS, THINNERS, SOLVENTS, GLUES, AND CLEANING FL UIDS AS HAZARDOUS WASTE.

CONSTRUCTION ENTRANCES AND PERIMETER

- ESTABLISH AND MAINTAIN EFFECTIVE PERIMETER CONTROLS AND STABILIZE ALL CONSTRUCTION ENTRANCES AND EXITS TO SUF FI CIENTLY CONTROL EROSION AND SEDIMENT DISCHARGES FROM SITE AND TRACKING OFF SITE.
- SWEEP OR VACUUM ANY STREET TRACKING IMMEDIATELY AND SECURE SEDIMENT SOURCE TO PREVENT FURTHER TRACKING. NEVER HOSE DOWN STREETS TO CLEAN UP TRACKING.

EQUIPMENT MANAGEMENT & SPILL CONTROL

MAINTENANCE AND PARKING

- DESIGNATE AN AREA. FITTED WITH APPROPRIATE BMPS, FOR VEHICLE AND EQUIPMENT PARKING AND STORAGE.
 PERFORM MAJOR MAINTENANCE, REPAIR JOBS, AND VEHICLE AND EQUIPMENT
- IF REFUELING OR VEHICLE MAINTENANCE MUST BE DONE ONSITE, WORK IN A
- IF REPUELLING OF WHICH CAMINTENANCE MUST BE DONE OMSTE, WORK IN A BERNED AREA WAY FROM STORM DRAINS AND UVER A DOP PAN OR DROP CLOTH'S BIG ENOUGH TO COLLECT FLUIDS. RECYCLE OR DISPOSE OF FLUIDS AS MAZARDOUS WASTE. IN THE CASE OF THE COLLECT FLUIDS. AS FLUID FL
- DEGREASERS, OR STEAM CLEANING FOUIPMENT

SPILL PREVENTION AND CONTROL

- KEEP SPILL CLEANUP MATERIALS (E.G., RAGS, ABSORBENTS AND CATLITTER)
 AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES.
 INSPECT VEHICLES AND EQUIPMENT PEQUENTLY FOR AND REPAIR LEAKS
 PROMPTLY. USE ORIP PANS TO CATCH LEAKS UNTIL REPAIRS ARE MADE.
 CLEANUP SPILLS OR LEAKS IMMEDIATELY AND DISPOSE OF CLEANUP
- DO NOT HOSE DOWN SURFACES WHERE FLUIDS HAVE SPILLED. USE DRY
- DO NOT HOSE DUMN'S SURFACES WHERE PLOTES HAVE SPILLED. USE DAY CLEANUP METHODS (ABSORBERT MATERIALS, OR LITTER, AND/OR RAGS). SWEEP US SPILLED DRY MATERIALS IMMEDIATELY. DO NOT TRY TO WASH THEM AWAY WITH WATER, OR BURN'T HEM. CLEANUP SPILLS ON DIRT AREAS BY DIGGING UP AND PROPERLY DISPOSING OF
- CLEANUS SPILLS UN UNION MARCAS STUDION CONTRIBUNITIES OF UNIVERSITY OF UNIVERSE OF UNIVERSITY OF UNIVERSITY OF UNIVERSITY OF UNIVERSE OF UNIVERSITY OF UNIVERSE OF UNIVERS

CENTER, (800) 852-7550 (24 HOURS).

LANDSCAPING

- PROTECT STOCKPILED LANDSCAPING MATERIALS FROM WIND AND RAIN BY STORING THEM UNDER TARPS ALL YEAR-ROUND. STACK BAGGED MATERIAL ON PALLETS AND UNDER COVER.
- CONTINUE APPLICATION OF ANY ERODIBLE LANDSCAPE MATERIAL WITHIN 2 DAYS BEFORE A FORECAST RAIN EVENT OR DURING WET WEATHER.

CONCRETE MASONRY UNIT

CONCRETE CARPET CASEMENT CERAMIC TI DEMOLISH, DIAMETER

DISHWASHER

EARTHMOVING

- SCHEDULE GRADING AND EXCAVATION WORK DURING DRY WEATHER. STABILIZE ALL DENUDED AREAS, INSTALL AND MAINTAIN TEMPORARY EROSIS CONTROLS (SUCH AS EROSING ONTROL 5 AREAS OR BONDED HIS ERF MATRIX) UNTIL WEGETATION IS ESTABLISHED.

 REMOVE EXISTING WEGETATION ONLY WHEN ABSOLUTELY NECESSARY, AND
- SEED OR PLANT VEGETATION FOR EROSION CONTROL ON SLOPES OR WHERE
- CONSTRUCTION IS NOT IMMODITELY PLANNED.

 PREVENT SEDIMENT FROM MIGRATING OFFSTE AND PROTECT STORM DRAIN
 INLETS, GUTTERS, DITCHES, AND DRAINAGE COURSES BY INSTALLING AND
 AMINITARING APPROPRIATE BIMES, SUCH AS 19 BER ROLLS, SLIT FENCES,
 SEDIMENT BASING, GAVELE BASG, SERKS, SIC.
 KEEP ECAVATED SOIL ON SITE AND TRANSFER IT TO DUMP TRUCKS ON SITE, NOT
 INTERSTREETS.

- JE ANY DE THE FOLLOWING CONDITIONS ARE DRSERVED. TEST FOR CONTAMINATION AND CONTACT THE REGIONAL WATER QUALITY CONTROL
- : UNUSUAL SOIL CONDITIONS, DISCOLORATION, OR ODOR. ABANDONED UNDERGROUND TANKS
- ABANDONED WELLS BURIED BARRELS, DEBRIS, OR TRASH.

PAVING/ASPHALT WORK

- AVOID PAVING AND SEAL COATING IN WET WEATHER OR WHEN RAIN IS
- FORECAST, TO PREVENT MATERIALS THAT HAVE NOT CURED COVER STORM DRAIN INLETS AND MANHOLES WHEN APPLYING SEAL COAT,
- TACK COAT, SLURRY SEAL, FOG SEAL, ETC.
 COLLECT AND RECYCLE OR APPROPRIATELY DISPOSE OF EXCESS ABRASIVE
 GRAVEL OR SAND, DO NOT SWEEP OR WASH IT INTO GUTTERS.
 DO NOT USE WATER TO WASH DOWN FRESH ASPHALT CONCRETE PAVEMENT.

SAWCUTTING & ASPHALT/CONCRETE REMOVAL

- PROTECT NEARBY STORM DRAIN INLETS WHEN SAW CUTTING, USE FILTER ABRIC, CATCH BASIN INLET FLITERS, OR GRAVEL BAGS TO KEEP SLURRY OUT OF
- THE STORM DRAIN SYSTEM. SHOVEL, ABOSORB, OR VACUUM SAW-CUT SLURRY AND DISPOSE OF ALL WASTE AS SOON AS YOU ARE FINISHED IN ONE LOCATION OR AT THE END OF EACH
 - WORK DAY (WHICHEVER IS SOONER!).
 IF SAWCUT SLURRY ENTERS A CATCH BASIN, CLEAN IT UP IMMEDIATELY.

CONCRETE, GROUT & MORTAR APPLICATION

- STORE CONCRETE GROUT AND MORTAR AWAY FROM STORM DRAINS OR AYS, AND ON PALLETS UNDER COVER TO PROTECT THEM FROM RAIN RUNOFE AND WIND
- RUNOFF, AND WIND. WASH OUT CONCRETE EQUIPMENT/TRUCKS OFFSITE OR IN A DESIGNATED WASHOUT AREA. WHERE THE WATER WILL FLOW INTO A TEMPORARY WASTE PIT AND IN A MANNER THAT WILL PREVENT LEACHING INTO THE UNDERLYING SOIL OR ONTO SURROUNDING AREAS. LET CONCRETE HARDEN AND DISPOSE OF AS
- GARBAGE.
 WHEN MASHMG EXPOSED AGGREGATE, PREVENT WASHWATER FROM ENTER
 STORM DRAINS. BLOCK ANY INLETS AND VACUUM GUTTERS, HOSE WASHWAT
 ONTO DIRT AREAS, OR DRAIN ONTO A BERMED SURFACE TO BE PUMPED AND
 DISPOSED OF PROPERLY.

PAINT CLEAN-LIP & REMOVAL

- NEVER CLEAN BRUSHES OR RINSE PAINT CONTAINERS INTO A STREET, GUTTER, STORM DRAIN, OR STREAM.
 FOR WATER-BASED PAINTS, PAINT OUT BRUSHES TO THE EXTENT POSSIBLE, AND
 RINSE INTO A DRAIN THAT GOES TO THE SANITARY SEWER. NEVER POUR PAINT
 DOWN A STORM DRAIN.
- LOWN A 51 ORM DRAIN.
 FOR OIL-BASED PAINTS, PAINT OUT BRUSHES TO THE EXTENT POSSIBLE AND
 CLEAN WITH THINNER OR SOLVENT IN A PROPER CONTAINER. FILTER AND REUSE
 THINNERS AND SOLVENTS, DISPOSE OF EXCESS LIQUIDS AS HAZARDOUS
- PAINT CHIPS AND DUST FROM NON-HAZARDOUS DRY STRIPPING AND SAND BLASTING MAY BE SWEPT UP OR COLLECTED IN PLASTIC DROP CLOTHS AND
- DECTIONARY BE SWEET OF OR COLCENT AND THE STATE OF THE STREET AND THE STREET AND

DEWATERING

ELECTRIC (AL)

EQUAL EQUIPMENT ESTIMATE (D) EXISTING EXPANSION

EXPANSIO

EL DOR DRAIN

FIRE EXTINGUISHER

GLULAM

ELEVATION

- DISCHARGES OF GROUNDWATER OR CAPTURED RUNOFF FROM DEWATERING DISCHARRES OF JOINTON WHEN THE PROPERLY MANAGED AND DISPOSED, WHEN POSSIBLE SEND DEWATERING DISCHARGE TO LANDSCAPED AREA OR SANITARY SEWER. IF DISCHARGING TO THE SANITARY SEWER CALL YOUR LOCAL WASTEWATER TREATMENT PLANT.
- PT DUNCON WATER FROM OFFSITE AWAY FROM ALL DISTURRED AREAS.
- IN DEWATERING, NOTIFY AND OBTAIN APPROVAL FROM THE LOCAL SICIPALITY BEFORE DISCHARGING WATER TO A STREET GUTTER OR STORM DRAIN FILTRATION OR DIVERSION THROUGH A BASIN TANK OR SEDIMENT TRA
- IN AREAS OF KNOWN OR SUSPECTED CONTAMINATION, CALL YOUR LOCAL AGENCY TO DETERMINE WHETHER THE GROUND WATER MUST BE TESTED PUMPED GROUNDWATER MAY NEED TO BE COLLECTED AND HAULED OFF-SITE FOR TREATMENT AND PROPER DISPOSAL.

FACE OF SHEATHING

FOOTING FURNITURE GAGE GALVANIZED, GALVANIC

GLUED LAMINATED WOOD

SYPSUM WALL BOARD

HEATER

NTERIOR

MAXIMUM

INSUL INT

INSIDE DIAMETER INSULATION

NR NTS

FIREPLACE FRAMING FOOT, FEET

FIRE PROTECTION NOTES

- INTERIOR:

 A THE BUILDING SHALL BE PROVIDED WITH AN AUTOMATIC FIRE EXTINGUISHING

 THE SUILDING SHALL BE PROVIDED WITH AN AUTOMATIC FIRE EXTINGUISHING SHALL BE PROVIDED WITH AUTOMATIC FIRE EXTINGUISHING SHALL BE PROVIDED WITH AUTOMATIC FIRE EXTINGUISH SHALL BE PROVIDED WITH AUTOMATIC FIRE WITH AUTOMATIC FIRE WITH AUTOMATIC FIRE WITH SHALL BE PROVIDED WITH AUTOMATIC FIRE WITH SHALL BE PROVIDED WITH AUTOMATIC FIRE WITH SHALL BE PR SYSTEM THROUGHOUT AND THE PRE-ACTION DRY FIRE SPRINKLER SYSTEM WHERE INDICATED. SYSTEMS SHALL CONFORM TO THE CALIFORNIA BUILDING CODE, FIRE DEPARTMENT HAVING JURISDICTION AND SPECIFICATIONS.
- ALL AUTOMATIC FIRE SPRINKLER SYSTEM WORK INCLUDING THE FIRE ALARM SYSTE IS TO BE ENGINEERED, FURNISHED AND INSTALLED BY A LICENSED FIRE SPRINKLER SYSTEM.
- K.
 ED CONTRACTOR CHALL SUBMIT FIRE CROINVEED OR ANNINGS AND FIRE SPRINKLER CONTRACTOR SHALL SUBMIT FIRE SPRINKLER DRAWINGS AND CALCULATIONS TO THE LOCAL FIRE CHIEF AND LOCAL BUILDING DEPARTMENT A DEFERRED SUBMITTAL FOR APPROVAL AND PERMIT PRIOR TO COMMENCING THE

PORTABLE FIRE EXTINGUISHERS

- NAME FIRSE CENTROLISHERS

 POPATRIAL FIRSE PERTURDISHERS SHALL BE INSTALLED IN OCCUPANCIES AND LOCATIONS AS INDICATED ON DRAWINGS, AS HEREIN INDICATED AND SET FORTH IN THE COOR AND AS GOODING BY THE FIRSE DEPARTMENT. THE AMMONIME TRAVEL IN THE COOR AND AS GOODING BY THE FIRSE DEPARTMENT, THE AMMONIME TRAVEL IN THE COOR AND AS GOODING THE COOR AS GOODING TO THE COOR AS GOODING THE COOR AS GOODING
- REQUIREMENTS OF CFC SECTION 906.9 AND ADA REFER TO DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL

INFORMATION.PORTABLE FIRE EXTINGUISHERS.

LOCAL AMENDMENTS

- ADOPT AND ENACT THE 2023 CALIFORNIA FIRE CODE (CFC), (CALIFORNIA CODE O REGULATIONS, TITLE 22, PART 5 AND APPENDIX CHAPTERS B, BB, C, CC, D, F, H, I, & N) BASED ON THE 2028 INTERNATIONAL FIRE CODE (IFC) AS PUBLISHED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND AS ADOPTED AND AMENDED BY THE CALIFORNIA BUILDING STANDARDS COMMISSION, WITH THE FOLLOWING LOCA MENDMENTS, ADDITIONS AND DELETIONS.
- SET FORTH BELOW ARE THE LOCAL AMENDMENTS, ADDITIONS AND DELETIONS TO THE 2029 CALIFORNIA FIRE CODE. CHAPTER AND SECTION NUMBERS USED HEREIN ARE THOSE LISTED IN THE 2023 CALIFORNIA FIRE CODE.

SECTION 506 - KEY BOXES:

- REY BUXES: CITION 5-06.1 "WHERE REQUIRED" IS AMENDED TO READ AS FOLLOWS: SUBSECTION 5-06.1 WHERE REQUIRED. WHERE ACCESS TO OR WITHIN A STRUCTURE AND/OR AN AREA IS RESTRICTED BECAUSE OF SECURED OPENINGS. IMMEDIATE ACCESS IS NECESSARY FOR LIFE-SAVING AND/OF FIREFIGHTING PURPOSES, OR THE STRUCTURE IS EQUIPPED WITH AUTOMATIC FIRE SPRINKLER AND/OR FIRE ALARM SYSTEM(S) A KEY BOX SHALL BE INSTALLED IN AN APPROVED LOCATION. THE KEY BOX SHALL BE A KNOX BOX AND SHALL CONTAIN KEYS TO GAIN ACCESS AS REQUIRED BY THE FIRE CODE OFFICIAL.

SECTION 509 - FIRE PROTECTION AND UTILITY EQUIPMENT IDENTIFICATION AND

- SUBSECTION COO 1 1 THE ITY IDENTIFICATION 'IS AMENDED TO READ AS
- NVS: SUBSECTION 509.3.2 UTILITY IDENTIFICATION: GAS METERS, SHUTOFF SUBSECTION 593-32 DILICITY DIRECTION CASS METERS, STEVICE SWITT-GHOST, VALVES AND SERVICES, SELFUCES, SELF

APPENDIX B - FIRE-FLOW REQUIREMENTS FOR BUILDINGS

- READ AS FOLLOWS:
 - SUBSECTION B105.3 AUTOMATIC FIRE ALARM SYSTEM. ANY STRUCTURE SUBSECTION BIGS, 3 AUTOMATIC FIRE ALARMAYSTIEM, ANY STRUCTURE
 SHALL HAVE AN APPROVED FREE FLOW OF 2,5 por 0 1.74,5 GALKONS PER MINUTE
 SHALL HAVE AN APPROVED FULLY SUPERVISED AUTOMATIC SMOKE
 ANDIOR HEAT DETECTION FREE ALARM SYSTEM INSTALLED THROUGHER
 THE STRUCTURE IN ACCORDANCE WITH SECTION 907, NFPA-72 AND THE
 CITY OF GRASS VALLEY IN THE FOLLOWING CATEGORIES:

 a. NEW STRUCTURES.
 - TING STRUCTURES WITH NEW CONSTRUCTION EXCEEDING 2006 OF THE GROSS FLOOR AREA. EXISTING STRUCTURES AS REQUIRED BY CHAPTER 11.
- EXCEPTIONS
- IONS: STRUCTURES THAT HAVE AN AUTOMATIC FIRE SPRINKLER SYSTEM
 - INSTALLED THROUGHOUT THE STRUCTURE IN ACCORDANCE WITH SECTION 993, NFPA-33 AND THE CITY OF GRASS VALLEY. ONE AND TWO-FAMILY DWELLINGS AND RELATED ACCESSORY OUTBUILDINGS.

APPENDIX BR - FIRE-FLOW REQUIREMENTS FOR BUILDINGS

APPENDIX BB, SUBSECTION BB105.1 "AUTOMATIC FIRE SPRINKLER SYSTEM" IS ADDED TO READ AS FOLLOWS: SUBSECTION BB105.1 AUTOMATIC FIRE SPRINKLER SYSTEM, ANY

- STRUCTURE WITH A REQUIRED FIRE FLOW OF 1,750 GALLONS A MINUTE OR STRUCTURE WITH A REQUIRED PIRE FLOW OF 1,700 GALLONS A MINITE OR RECREASE SHALL HAVE AN APPROVED PIRE SHACULER IN SHACULER IN STRUCTURE. IN SHACULER I

MASONRY OPENING OPP MOISTURE RESISTANT OVHD

OVERHEAD

PATTERN
PARTICLE BOARD
PORTLAND CEMEN
PEDESTAL
PERFORATED

PERPENDICULAR

PROPERTY LINE

PLYWOOD

PLASTIC LAMINATE

CHANGE OF OCCUPANCY CLASSIFICATION MISCELLANEOUS

METAL MULLION NOT APPLICABLE NOT IN CONTRACT NUMBER NOMINAL

NOTRATEC

ON CENTER

OUSIDE FACE

NOT TO SCALE

OUTSIDE DIAMETER

- THE CONTRACTOR CHALL EVANGING THE DRAWINGS AND SPECIEICATIONS AND SHALL HITECT OF ANY DISCREPANCIES FOUND PRIOR TO PROCEE
- THE CONTRACTOR SHALL VERIFY CONDITIONS AT THE SITE AND REPORT AN DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK IN

- JTILITY COMPANIES. THE CONTRACTOR SHALL PERFORM ALL WORK WITHIN STREET RIGHT-OF-WAYS
- HE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FOR ALL WORK IN
- THE CONTRACTOR SHALL PROVIDE TEMPORARY BRACES, SHORES, AND GUYS

- SIMILAR MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITIONS NOTES
- ANY CONFLICTS HEREIN, EITHER APPARENT OR OBVIOUS, PRIOR TO START OF WORK
- JSE WATER RESISTANT / GLASS FIBER FACED GYPSUM WALLBOARD ON ALL WAL

- GUARDRAILS, ETC
- GUARDRAILS, ETC. INTERIOR PARTITION FINISHES TERMINATE 6 INCHES ABOVE THE HIGHEST ADJACENT

- ALL WORK SHALL COMPLY WITH THE FOLLOWING BUILDING SECURITY STANDARDS:
- REQUIRED AREA LIGHTING AND ADDRESS IDENTIFICATION SHALL BE INSTALLED.
- W PROVISIONS: GLAZING IN EXTERIOR DOORS OR WITHIN A 24 INCH ARC OF EITHER VERTICAL
- DGE OF A DOOR IN THE CLOSED POSITION SHALL BE TEM
- GLAZING.
 GLAZING AND GLAZED ASSEMBLIES FOR ACCESSIBLE OPENINGS SHALL BE
 CERTIFIED AS MEETING TEST PROVISIONS OF UL (UNDERWRITERS

- AGE OF A STATE OF A ST

- MECHANICAL AND PLUMBING SHALL COMPLY WITH THE MOST CURRENT ADOPTED EDITION ON THE CALIFORNIA MECHANICAL AND PLUMBING CODES AT TIME OF DEDMITI ISSUITANCE.

PROPERTY

ROOFING

RIGHT HAND

ROOM ROUGH OPENING RIGHT OF WAY RIGHT

PRESSURE TREATED

REFER (ENCE), KEIL REINFORCE (D) (ING

REVISION (S) REVISED

RADIUS REFLECTED CEILING PLAN ROOF DRAIN, ROAD RECESSED REFER (ENCE), REFERIGERA'

SCHED

SCHEDULE

STORM DRAIN

SQUARE FOOT (FEET)

SIMULAR SLAB ON GRADE SPECIFICATION SPRINKLER SANITARY SEWER

STAINLESS STEEL

SOUND TRANSM

STRUCTURE (AL TONGUE AND GROOVE

STANDARD

STORAGE

COMPLIANCE WITH PLAN DOCUMENTS

- NSIONS SHALL NOT BE SCALED FROM DRAWINGS. ALL DIMENSIONS TO OPENINGS ARE TO THE ROUGH OPENING UNLESS NOTED
- ALL DIMENSIONS TO STUD PARTITIONS ARE TO THE FACE OF FRAMING
- UNLESS NOTED OTHERWISE.
 CEILING HEIGHT DIMENSIONS ARE FROM FINISH FLOOR TO FINISH FACE OF
- CEILING.
 WHERE INDICATED, DIMENSIONS SHALL BE TO CENTER / GRID LINES.
 ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD BEFORE PROCEEDING WITH
 THE WORK.
 ACCESSIBILITY DIMENSIONS SHALL BE MEASURED TO FACE OF WALL FINISH,
- CLEAR OPENING AND AS INDICATED ON ENLARGED PLAN, MOUNTING HEIGHTS SHEET, TOILET ROOM ELEVATIONS AND STANDARD DETAILS
- DRAWING SHEET. DIMENSIONING PROTOCOLS / HIERARCHY: "ENLARGED PLAN" INCLUDE ALL DIMENSIONING ASSOCIATED WITH

- a. "ENLARGED PLAY INCLUDE ALL DIMENSIONING ASSOCIATED WITH THE COMPRESS SHOWN."
 OF SPILLE PLAYS SHOW DIMENSIONS NOT INDICATE DO N°PARTIAL UNIFORM THE PLAY OF THE PROJECT AND FOR LEAR AND ENGINEST FOR REPORTATION REPS INSIDE IN SOURCE TEST OF REPORTATION REPS INSIDE IN SOURCE THE CONSTRUCTION SHAP AND THE PROJECT AND THE PLAY OF THE PLAY
- INCLUDING CHAPTERS 16, 17, 18 AND 19. STEEL CONSTRUCTION SHALL COMPLY WITH THE CALIFORNIA BUILDING CODE
- INCLUDING CHAPTERS 5, 17 AND 22.

 ALL INTERIOR PRINCHAMENAL SHALL HAVE A FLAME SPREAD CLASSIFICATION PATHOR FRECALE CHAPTER 8.

 BORD CHAPTER SHALL SHALL HAVE A FLAME SPREAD CLASSIFICATION PATHOR FRECALE CHAPTER 8.

 BORD CHAPTER SHALL SHALL SHALL SHALL BE FIRE FLAMENAT AND SHALL COMPLY WITH THE UNDERWRITTER LABORATORIES, INC. AND CLASSIFIED AS CLASS INC. SHALL SHAL
- INCLUDING CHAPTER 15.
 ALL EXIT ENCLOSURES AND SHAFT WALLS SHALL BE RATED CONSTRUCTION AND
- ALL EXIT ENCLOSURES AND SHAFT WALLS SHALL BE RATED CONSTRUCTION AND SHALL COMPLY WITH THE CALIFORNIA BUILDING CODE INCLUDING EAPTER 7, REFER TO PLAN DOCUMENTS. ALL OPENINGS TO BE PROTECTED AS FOLLOWS:

 ONE HOUR EXIT ENCLOSURE WALLS 60 MINUTE RATED DOOR AND FRAME ASSEMBLY. ONE HOUR RATED SHAFT WALLS - 60 MINUTE LABELED DOOR AN

- LLUMINATED EXIT SIGNS SHALL BE INSTALLED WHERE INDICATED AND AT STAIR ENCLOSURES, HORIZONTAL EXITS, AND OTHER REQUIRED EXIT DOORWAYS IN ACCORDANCE WITH CALIFORNIA BUILDING CODE WHERE NECESSARY TO CLEARL'
- ACCORDANCE WITH CALLFORMS BUILDING CODE WHERE NECESSARY TO LEARN MINISTER THE MINISTER PROJECTION OF GERES SHAPE WHO OR MORE ESTABLE RECOURSED AND AN ADDRESS SHAPE WHO AND ADDRESS SHAPE AND AD
- BE VERRIED FROM SHOP DRAWINGS, EQUIPMENT DATA, ETC. AS REQUIRED, AMOIF NOT CLEAR AN RIP SHALL BE SUBJECT OF ACHITECT FOR CLARIFICATION. AS PROPRINGS NOT LOCATED BY DIMENSIONS SHALL BE LOCATED B RICHES FROM RESHIEVANL TO PROBE HIGH WAIL DE PORTION AND USE USE OF STREAM END OF LEARANCE REQUIREMENTS AT FOLLS SIZE AND DUSH'S SIZE OF STREAM CARE NOT ACHITECTABLE, THAN THE SHALL BE A LUYEL ADDROSS CLEARANCE. THAN THE SHALL BE A LUYEL ADDROSS CLEARANCE HIGH CONTINUE AND ACHITECTABLE SHALL BE A LUYEL ADDROSS CLEAR AND ACHITECTABLE SHALL BE A LUYEL ADDROSS CLEAR AND ACHITECTABLE SHALL BE AND ACHITECTABLE SHALL BE A LUTHER SHALL BE A LUYEL ADDROSS CLEAR AND THE RESON OF THE DOOR WAY REPORT AND ACHITECTURAL SERVICES CLEAR AND THE RESON OF THE DOOR WAY REPORT ACHITECTURAL SERVICES AND ACHITECTURAL S
- DRAWINGS FOR ALL LIGHTING FIXTURE TYPES, WIRING, ETC REFER TO ARCHITECTURAL INTERIOR FLEVATIONS FOR MOUNTING HEIGHTS. WALL
- FIXTURES THAT PROTRUDE BEYOND 4 INCHES OF WALL SURFACE SHALL BE LOCATED FIGURES THAT PROTRUDE BEYOND, 4 NONES OF WALL SUBFACE SHALL BE LOCATED WITH BOTTOM OF FOUR EBB ANCHES (LOCA FINISH FLOR) CHUNG SUBFENDION/SYSTEM SHALL PROVIDE FOR CELLING SYSTEM ONLY. CAUDION SUBFENDION FRAMMES OF HIGH HIGH PROTRUDES, EXT SIGNE, GRILLES AND FRAME OF THE SHALL PROVIDE FOR CELLING SYSTEM ONLY OF THE SHALL PROVIDE AND CHUNG SHALL PROVIDED AND CHUNG SHALL PROVIDE AND CHUNG SHALL PROVIDED AND CHUNG SHALL PROVIDE AND CHUNG SHALL PROVIDE AND CHUNG SHALL PROVIDED AND CHUNG SHALL PRO

- LOCATED IN CORRIDOR OF SHAFT WALLS OF OFFICE OF THE STATE OF STATE
- PROVIDE 60 INCHES CLEARANCE IN TOILET COMPARTMENTS FROM FRONT OF WATER CLOSET TO OPPOSITE FINISH WALL - SIDE DOOR OPENINGS PROVIDE 36 INCHES MAXIMUM UNOBSTRUCTED WORKING SPACE IN FRONT OF ALL

PANEL BOARDS AND CONTROL FOLLIPMEN CONDITIONS OF APPROVAL

LOCATED IN CORRIDOR OR SHAFT WALLS

- IMUST BE SATISFED PRIOR TO BUILDING PERMIT FINAL)

 SOMER BACKET, OW PREVENTER AND PRESSURE BELIEF DEVICE REQUIRED.

 SOMER BACKET, OW PREVENTER AND PRESSURE BELIEF DEVICE REQUIRED.

 DIVISION PRIOR TO ANY WORK BERN DOING WITHIN THE CITY RIGHT OF WAY.

 ALL SIDEWALK FRONTING THE PROPERTY STEW WITH CRACKS GREATER THAN 14; IN
 WIDTH OR, JO'R OMBROE OF VEHICLAL DISPLACEMENT SHALL BE REPRESED OR

TEMPORARY

THICK (NESS)

THROUGH TOP OF BEAM

TOP OF CURB TOP OF SLAB TOP OF WALL TYPICAL UNFINISH (ED)

VERIFY IN FIELD

UNI ESS NOTED OTHERWISE

/INYL COMPOSITION TILE

Drawing Title GENERAL

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Scale:

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1" = 1'-0"

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ABBREVIATIONS

BD BITUM BLDG BM BO CAB

ACOUSTICAL

ACCESSIBLE

BOARD

BUILDING

CABINET

BITUMINOUS

BOTTOM OF

CENTER LINE CEILING

CONTROL JOINT

ADJUSTABLE ABOVE FINISH FLOOR

NOTES

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COUNTY OF NEVADA

1103-1105 SUTTON WAY GRASS VALLEY, CA 95945

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RESOURCE

CENTER

Ao.1

CONTRACTOR RESPONSIBILITIES

UNCERTAINTY. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT PRIOR TO ANY

EXCAVATING.
THE CONTRACTOR SHALL COORDINATE THE REMOVAL, ABANDONMENT AND/OR LOCATIONS OF EXISTING UTILITIES ABOVE OR BELOW GRADE WITH THE RESPECT.

LITH LITY COMPANIES.

ACCORDING TO THE APPROVED STANDARD PLANS AND SPECIFICATIONS OF THE

TYPICAL NOTES

- SIMILAR MEANS COMPANDED E CHANGE TENDED TICS FOR THE CONDITION FOR THE VERIFY DIMENSIONS AND/OR ORIENTATIONS ON PLANS AND/OR ELEVATIONS. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT APPROVAL OF ARCHITECT IN WRITING. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT O
- ANY CURPICLS PRESENT, ETHER APPARENT DIR ROBVIOLD, PRIOR LOS ARIO TO WO THAT TEM OR AGEAR THE RESPONDED TO CROSS THE CONTROL TO CONTROL THE CONTROL TH
- FACES WHICH ARE EXPOSED TO WATER OR MOISTURE AS WELL AS THOSE USED FOR
- FACES WINCH ARE EMPOSED TO WATER OR MOSTRURE AS WELL AS THOSE USED FOR ANNION AND TOUR WINLS, COOLOMBATE WITH SECRETARION, STITLING AND SHAPE AND AND PLANDOCUMENTS, AND SHALL NOT FALL BELOW MINIMUM TITLE 12.8 ECOLOMBATISTS WHERE NOT MINIORATED SEE DRAWNINGS AND DETAILS FOR TYPICAL NOTES. DEPRESS FLOOR SLABS AS REQUIRED FOR FLOOR CLOSURES. PROVIDE ADEQUATE BLOCKING, AND ANDIONAGES FOR CEILINGS AND WALL MOUNTED ECOLOMBATE. SE WATER COLORS, PRESENTATIONS FOR CREMENS, NANDAMLS, AND COUNTRIEST. SENTENCINE SECTION OF THE PROVIDED AND STATEMENT OF THE PROVIDED AND THE PROVIDED
- INTERIOR PARTITION FINISHES TERMINATE 6 INCHES ABOVE THE HIGHEST ADJACENT CEERIOR DIAGNESS NOTEO DITHERWISE. GMPLY WITH CBC CLARGE 15 (MAXIMUM 2° ALLOET MAXIMUM 2° ALLOET MAX

BUILDING SECURITY STANDARDS

- ALL WORK SHALL LOMEY WITH THE PLILOWING BUILDING SELDRITY SYNDHOLDS.

 GENERAL COURSEND COUNTY OFFICE STANDARDS.

 LIFE BY OBSTRUCTING.

 EXTRACTOR OF STANDARDS.

 EXTRACTOR OF STANDARDS.

 EXTRACTOR OFFICE STANDARDS.

 ASSEMBLES AND SECURITY HARDWARE MISTALLED SHALL BE LABELED AND CERTIFIED AS MEETING UL (UDDERWITTERS LABORATORY) STANDARDS, OR OTHER APPROVIDE DESCRIPANARCE STANDARDS. OR OTHER APPROVIDED HES ORDINANCE STANDARDS.
- BEFORE FINAL INSPECTION IS CALLED FOR.

 ILLUMINATION PER CODE REQUIREMENTS SHALL BE PROVIDED ADJACENT TO ALL EXTERIOR DOOS DURING ALL HOURS OF DARKNESS TO PROVIDE MINIMUM REQUIRED FOOT CANDLE LEVEL AT PAVING.

 WINDOW PROVISIONS:
- LABORATORY)
 ALL GLAZING INSTALLED IN A HAZARDOUS LOCATION SHALL BE TEMPERED

- MECHANICAL AND PLUMBING
- PERMIT ISSUANCE. FIRE SMOKE DAMPERS SHALL BE PROVIDED FOR ALL DUCTS AND OPENINGS WHICH
- FRE SMOKE DAMPERS SHALL BE PROVIDED FOR ALL DUTS AND OPENINGS WHICH PENETRATE RISE RATE WALLS OF SIRE PATTO CERNICS.

 TOLET ROOMS SHALL BE EQUIPPED WITH A VENTILATION SYSTEM.

 TOLET ROOMS SHALL BE EQUIPPED WITH A VENTILATION SYSTEM.

 DOLLYMOR, RED ROOM SHALL BE EQUIPPED WITH A VENTILATION SYSTEM.

 LOCATION OF ALL MECHANICA. AND CERNINGS SHALL BE DETERMINED AND VENTILATION.

 LOCATION OF ALL MECHANICA. AND CERNINGS SHALL BE DETERMINED AND VENTILATION.

 LOCATION OF ALL MECHANICA. AND CERNINGS SHALL BE DETERMINED AND VENTILATION.

 LECTROLYSIS PROTECTION SHALL BE PROVIDED BETWEEN ALL DISSIMILAR METALS.

 MERBEVER THE TWO ARE IN CONTACT.

 ALL CONTINUOUSLY, CERCULATION DOMESTIC HEATING, HOT WATER AND CHILLED

BUILDING CODE ANALYSIS

SITE ACCESSIBILITY	
AT HAZARDOUS VEHICLE LOCATIONS:	A. CONFIRM WITH CITY AGENCY HAVING JURISDICTION.
USE AND OCCUPANCY CLA	SSIFICATION
(CBC CHAPTER 3) 304.1	A. OCC TYPE B SECTION 304.3 - MAIN OCCUPANCY BUSINESS GOUP B (304.3) THE USE OF A BUILDING OR STRUCTURE, OR A PORTION THEREOF, FOR OFFICE, PROCESSIONAL OF SERVICE-TYPE TRANSACTIONS, INCLUDING STORAGE OF RECORDS AND ACCOUNTS.
SPECIAL REQUIREMENTS R	ASED ON USE AND OCCUPANCY
(CBC CHAPTER 4)	A. NONE
BASIC ALLOWABLE AREA, I	HEIGHT & STORIES
(CBC CHAPTER 5) 593, 594, 595, 507 TABLE 504, 3, 504, 4, 596.2, 596.3	TYPE VB (B OCC) A. ALLOWABLE BUILDING HEIGHT = 60*0" B. ALLOWABLE BUILDING AREA PER STORY= 27,000 SF ACTUAL = 27,00" SF ACTUAL = 27,00" SF DOES STORES ACTUAL = 20 DOES STORES C. ALLOWABLE NUMBER OF STORES = 3 ACTUAL = 2
MIXED USE AND OCCUPAN	
508,508.3.3	TYPE VB (B OCC) NO SEPARATION IS REQUIRED AT NON SEPARATED OCCUPANCIES.
TYPES OF CONSTRUCTION	
(CBC.CHAPTER.6,7) 602, TABLE 601, TABLE 795.5, TABLE 795.8, TABLE 795.8, TABLE 795.8	FIRE RESISTIVE RATING REQUIREMENTS: TYPE VB BEARING WALLS - EXT NONBEARING WALLS - EXT SEARING WALLS - EXT SEARING WALLS - EXT NON-BATED LID 2 X 30°0") SEARING WALLS - BIT NON-BATED NON-BATED NON-BATED NON-BATED FROOTS AND FEMALENT FLOOR AND FLOORCELING ROOTS AND ROOFCELING ROOTS AND ROOFCELING NON-BATED NON-BAT

(CBC CHAPTER 9)	907.2.2 GROUP B
(CBC CHAPTER 9) 907.2.2	A MANUAL FIRE ALARM SYSTEM, WHICH ACTIVATES THE OCCUPANT NOTIFICATION SYSTEM IN ACCORDANCE WITH SECTION 997.2 5, SHALL BE INSTALLED IN GROUP B OCCUPANCIES WHERE ONE OF THE FOLLOWING CONDITIONS EXISTS:
	THE COMPINED CROUPE SOCCUPANT LOAD OF ALL PLOOSES 5900 DR MORE. THE COMPINED COLUMN TLOAD BY MORE THAN 100 PERSONS ABOVE OR BRLOW THE LOWEST LEVEL OF EXTIDISCHARGE. THE PRICE AREA CONTINUES AN ARBULATORY FACILITY. GROUPE DOCUMANCES CONTAINING EDUCATIONAL FACILITIES, SEE SECTION 997-2.12.
CONCEALED SPACES	<u> </u>
(CBC CHAPTER 7) 718.4	A. DRAFTSTOPPING IN ATTICS IN BUILDING WITH FIRE SPRINKLER THROUGHOUT.
COMMON PATH OF E	EGRESS
(CBC CHAPTER 10) TABLE 1017.2	B. OCCUPANCY WITHOUT SPRINKLER SYSTEM 300 FT OP TRAVEL DISTANCE ALLOWED
<u>EXITS</u>	
(CBC CHAPTER 10) TABLE 1006.2:1 TABLE 1006.3:2(2) 1006, 1010.2:3	A. MIN TWO EXITS REQUIRED BASED ON OCCUPANT LOAD BOCC _2 49 OCCUPANTS MAXEMIT RAVEL DISTANCE BOCC _ 75 FEET
	C. HARDWARE NO SPECIAL KNOWLEDGE HARDWARE TYPE SHALL BE INSTALLED BETWEEN 34" MIN AND 48" MAX AFF
ROOF CONSTRUCTION	
(CBC CHAPTER 15) TABLE 1505-1	A. CONSTRUCTION TYPE VB B. "CLASS C* MIN ROOF COVERING CLASSIFICATION
INTERIOR WALL AND	O CEILING FINISH MATERIAL
(CBC CHAPTER 8) TABLE 803-13	B_OCC RAME SPREAD AND SMOKE DEVELOPED INDEX
PORTABLE FIRE EXT	INGUISHERS A PITINGUISHER LOCATIONS

	114
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	104
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	TOTALS

TABLE 422.2 EXCEPTION 3	0000	OFARCE		
TABLE 4-1 OCCUPANT LOAD FACTOR	CALC	ULATION = 44/2 = 22 MALES	AND 22 FEMALES	
	MININ	NUM PLUMBING FIXTURES FO	OR MALE USE:	
	٠.	WATER CLOSET	(1-50)	= 1 REQUIRED
	٠.	URINAL	(1-100)	= 1 REQUIRED
	٠.	LAVATORY		=1 REQUIRED
	MININ	NUM PLUMBING FIXTURES FO	OR FEMALE USE:	
	١.	WATER CLOSET	(16-30)	=2 REQUIRED
	٠.	LAVATORY		=1 REQUIRED
	MININ	NUM DRINKING FOUNTAIN:		
	٠.	1 DRINKING FOUNTAIN	(1 PER 150)	=1 REQUIRED
	MININ	IUM SERVICE SINK:		
	٠ ا	SERVICE SINK		=1 REQUIRED
	PROV	IDED MEN FIXTURES		
	١.	WATER CLOSET		= 2 PROVIDED
	٠.	URINAL		= 1 PROVIDED
	١.	LAVATORY		= 2 PROVIDED
	PROV	IDED FEMALE FIXTURES		
	٠.	WATER CLOSET		=3 PROVIDED
	٠ ا	LAVATORY		=2 PROVIDED
	PROV	IDED MISC FIXTURES:		
		DRINKING FOUNTAIN		=1 PROVIDED
	٠.	SERVICE SINK		=1 PROVIDED
	1. 2.		FACILITIES HAVE BE	BEEN EXCLUDED FROM LOAD. EN SPLIT EVENLY BETWEEN MEN

				_		
Room Number	Room Name	Room Occupancy	Net Area	Plumbing Load Factor	Plumbing Occupancy Load	AccessoryArea
.01	LOBBY	В	146 SF	150	1	
.02	OFFICE	В	71 SF	150	1	
103	(E) OFFICE	В	108 SF	150	1	
204	(E) OFFICE	В	98 SF	150	1	
.05	(E) OFFICE	В	109 SF	150	1	
.06	CIRCULATION	В	279 SF	0	0	Yes
.07	(E) OFFICE	В	91.SF	150	1	
.08	(E) OFFICE	В	119 SF	150	1	
.09	(E) OFFICE	В	69 SF	150	1	
10	(E) OFFICE	В	75 SF	150	1	
11	(E) OFFICE	В	76 SF	150	1	
12	(E) OFFICE	В	138 SF	150	1	
13	(E) MEETING RM	В	154 SF	30	6	
14	STAFF RR	В	52 SF	90		Yes
15	STAFF BREAK ROOM	В	224 SF		0	Yes
16	LAUNDRY	В	240 SF	150	2	102
17	IAN.	В	26 SF	0	0	Yes
18	ADA RR	В	49 SF	0	0	Yes
19	SHOWER	В	34 SF	0	0	Yes
20	ADA SHOWER	В	38 SF	0	0	Yes
21	SHOWER	В	34 SF	0		Yes
22	SHOWER	В	35 SF	0		Yes
23	OFFICE	В	127 SF	150	1	163
24	OFFICE	В	92 SF	150	1	
25	COMPUTER TRAINING	В	396 SF	50	8	
26	LOUNGE	В	165 SF	150	2	
	OFFICE	В	105 SF			
27	RECEPTION	В	97 SF	150	1 1	
29	SECURITY DESK	В	97 SF	150	1	
		В		150		
30	(E) OPEN OFFICE OPEN OFFICE	B	322 SF	150	3	
31		В	333 SF	150	3	
32	(E) OFFICE	B	62 SF 82 SF	150	1	
33	(E) OFFICE (E) OFFICE	B	82 SF	150	1	
34	(E) OFFICE CIRCULATION	B		150	1 0	
35			938 SF			V
36	MENS RR	В	78 SF			Yes
37	WOMENS RR	В	114 SF			Yes
:38	FIRE RISER		13 SF			
101	(E) STORAGE	В	212 SF			Yes
02	(E) ATTIC STORAGE AND MECHANICAL	В	93 SF	0	۰	Yes
103	(E) ATTIC	В	811 SF	0	0	Yes
104	(E) ATTIC STORAGE & MECHANICAL	В	1013 SF	0	۰	Yes
tos	(E) ATTIC STORAGE	В	207 SF	0	0	Yes

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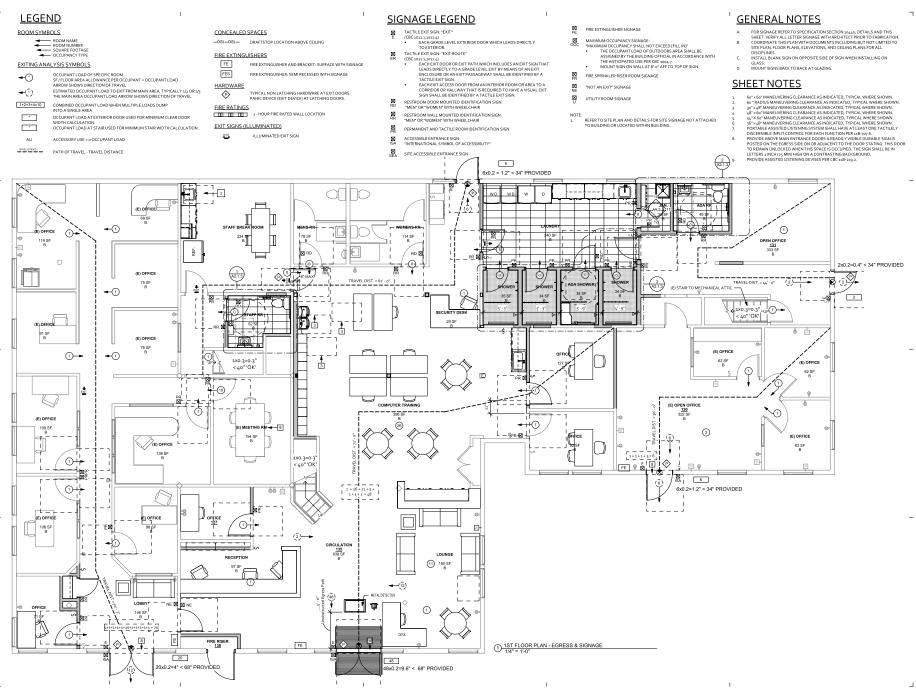
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EGRESS SIGNAGE PLAN

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Y = YES FORMALISM
NA = NOT APPLICABLE
RESPONJELE PARTY (s.: ARCHITECT, ENGINEE
VALUE OF CONTRACTOR, RESPECTOR ETC.) ARCHITECTS

G1

G1

G1

G0

GO

DIVISION 5.2 ENERGY EFFICIENCY

SECTION 5.301 GENERAL

SECTION 5.201 GENERAL 5.201.1 Scope [BSC-CG]. California Energy Code [DSA-SS]. For the purposes of mandatory energy efficiency

DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION

SECTION 5.302 DEFINITIONS

The following terms are defined in Chapter 2 (and are included here for reference)

EVAPOTRANSPIRATION ADJUSTMENT FACTOR (ETAF) [DSA-SS]. An adjustment factor when applied to

FOOTPRINT AREA [DSA-SS]. The total area of the furthest exterior wall of the structure projected to natural grade, and land-string extensive strates extensive property as entire property walkwayse, nation and decks.

GRAYWATER. Pursuant to Health and Safety Code Section 17922.12, "graywater" means unfreated wastewater has not been contaminated by any toled discharge, has not been affected by infectious, contaminated, or unhealth body waster, and does not present a firster from contamination by unhealthful processing, manufacturing, or operating waster. "Graywater" includes, but is not limited to wastewater from balfulbus, showes, bethroom washbasins, clother washing machines and launchy tube, but does not include waste water from kitchen sinks or

MODEL WATER EFFCIENT LANDSCAPE ORDINANCE (WHELD), [HCD] The Colifornis model cortinance Colifornia Code of Regulations, Title 23, Division 2, Chapter 27), regulating landscape design, installation and maintenance practices. Loss eigencies are required to adopt the updated MYELD, or adopt a foolid cortinance is as effective as the MYELD.

RECYCLED WATER. Water which, as a result of treatment of waste, is suitable for a direct beneficial use or a controlled use that would not otherwise occur [Water Code Section 13050 (n)]. Simply put, recycled water is water treated to remove waster matter aftaming a quality that is suitable to use the water again. SUBMETER. [HCD 1] A secondary device beyond a meter that measures water consumption of an individual rental unit within a multiunit residential structure or mixed-use residential and commercial structure. (See Civic Code Section 1517 or additional details.)

WATER BUDGET. Is the estimated total landscape irrigation water use which shall not exceed the maximum applier water allowance calculated in accordance with the Department of Water Resources Model Efficient Landscape

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELD). The California ordinance regular design, installation and maintenance practices that will ensure commercial, multifamily and other devel andscapes greater than 2500 square feet meet an irrigation water budget developed based on landsc climathorical angemeters.

G1

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GO

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5.106.5.3.3 Use of automatic load management systems (ALMS).
ALMS shall be permitted for EVCS. When ALMS is installed, the required electrical load capacity 1.106.2 STORMWATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB ONE OR MORE ACRES O pecified in Section

1.106.5.3.1 for each EVCS may be reduced when serviced by an EVSE controlled by an ALMS. Each

1.06.5.3.1 for each EVCS may be reduced when serviced by an EVSE controlled by an ALMS shall deliver a minimum 30 amperes to an EV when charging one vehicle

and shall deliver a minimum 3.3 kill white is minitaneously charging multiple EVs. AND. Comply with all lawfully enacted stormwater discharge regulations for projects that (1) disturb one one of land, or (2) disturb less than one acre of land but are part of a larger common plan of developmen MAXIMUM ALLOWABLE N/A G0 iote: Projects that (1) disturb one acre or more of land, or (2) disturb less than one acre of land but are part of the 5.106.5.1.4 Accessible EVCS.
When EVSC is installed, accessible EVSC shall be provided in accordance with the California Building
Codo. Chapter 118, Section 118-228.3.
Note: For EVCS signs wife for California Traffic Operations Policy Directive 13-01 (Zero Emission Vehic
Same and Previewine Middings) of 8 association(s). rapier common pilan of development or sale must comply with the post-construction requirements detailed in the policiable National Poliziant Discharge Elimination System (NPDES) General permit for Stormwater Discharge sociated with Construction and Land Disturbance Activities issued by the State Water Resources Control Board or to Jahontan Regional Water Quality Control Board (for projects in the Lake Taboe Hydrologic Unit). MAXIMUM ALLOWABLE GLARE RATING (G) N/A G0 The NPDES permits require postconstruction runoff (post-project hydrology) to match the preconstruction runoff pre-project hydrology) with the installation of postconstruction stormwater measurement measures. The NPDES the project proje MAXIMUM ALLOWABLE GLARE RATING (G) N/A GO 5.106.5.4 Electric Vehicle (EV) charging: medium-duty and heavy-duty, [N] Construction shall comply with section 5.106.5.4.1 to facilitate future installation of electric vehicle supply equipment (EVSC) Construction for warehouses, grocery stores and retail stores with planned off-street its spaces shall also comply with Section 5.106.5.4.1 for future installation of medium- and heavy-duty EVSE. 2. For properly lines that abut public walloways, bliceways, plazas and parking lots, the property line may be considered to be 5 feet beyond the actual property line for purpose of determining compliance with this section property lines the abut public readways and public transfer corridors, the property line may be considered to be centerline of the public roadway or public transit corridor for the purpose of determining compliance with this Exceptions:

1. On a case-by-case basis where the local enforcing agency has determined compliance with this section is not fleable based upon one of the Molecure conditions.

b. Where the local safety is unable to supply adequate power.

c. Where the local safety is unable to supply adequate power.

c. Where there is evidence suitable to the local denforcing agency substantiating that c. Where there is evidence suitable to the local denforcing agency substantiating that great sections of the project.

When INSE(S) is deep in the Condition of the project.

When INSE(S) is deep installed, it adult bit is accordance with the California Building Code, the California Exercised Code and as follows: Refer to the current applicable permits on the State Water Resources Control Board website a 5.106.4 BICYCLE PARKING. For buildings within the authority of California Building Standards Commission as specified in Section 103, comply with Section 5.106.4.1. For buildings within the authority of the Division of the State Architect oursant to Section 105, comply with Section 5.106.4. General lighting luminaires in areas such as outdoor parking, sales or storage lots shall meet these reduced ratings. Decorative luminaries located in these areas shall meet U-value limits for "all other outdoor lighting" 5.106.4.1 Bicycle parking. [BSC-CG] Comply with Sections 5.106.4.1.1 and 5.106.4.1.2; or meet the applicable local ordinance, whichever is stricter. 5.16.8.1 Fishing-Backlight
Currenteed so that the received properly line is belief the fishing,
and shid correly with the backlight rating specified in Table 5.05.8 based on the lighting zone and distance to
and shid correly with the backlight rating specified in Table 5.05.8 based on the lighting zone and distance to
the property of the property fine of the property fine and property logs better
Exception. Corrent. Rive property fine of the suggested for the asset property logs better
to the luminosis. Then the Luminosis may be corrent do that the intersection of the two lones (the correct)
increase to determine the required todalight right all the other determs to the nurseuro property or the
increase to determine the required todalight right all the other determs to the nurseuro property or the property
increase to determine the required todalight or the property. 5.105.5.4.1 Electric validac charging readiness requirements for warehouse, grocery stores and retail store unto planned off-steet loading spaces.

1.005.6.4.1 Electric validac charging readiness requirements for warehouse, grocery stores and retail store processing of the state of the store of the stor 5.106.4.1.1 Short-term bleycle parking. If the new project or an addition or alteration is articipated to generate visitor traffic, provide permanently anothored bicycle racies within 200 feet of the visitors returnance, ready visite to passent-yis, red'S of new visitor moticated verticel parking spaces being added, with a minimum of one two-biac capacity rack.
Exception: Additions or alterations which add nine or less visitor vehicular parking spaces. 5.106.4.1.2 Long-term bicycle parking. For new buildings with tenant spaces that have 10 or more tenant-occupants, provide secure bicycle parking for 5 percent of the tenant-occupant vehicular parking seaces with a minimum of one bicycle parking fecility. restation of EVSE.

The carefulcities occurred shall indicate on or more location(j) conversion to the future offers carefulcities occurred a shall indicate on or more location(j) conversion to the planned offstreet loading space(s) reserved for medium-and heavy-duly ZEV charging catinities and charging dispenses, and a pathway reserved for routing of conduit from the termination of the raceway(s) or busyen(s) to the charging cabinet(s) and dispenser(s) as shown in Table 5.106.5.4.1 106.8.2 Facing-Glare. 5.106.4.1.3 For additions or alterations that add 10 or more tenant-occupant vehicular parking spaces, provide secure bicycle parking for 5 percent of the tenant vehicular parking spaces being added, with a minimum of one bicycle parking facility. 5.106.5.4.1.3. Raceway(s) or busway(s) originating at a main service panel or a subpanel(s) serving the area where potential future medium-and heavy-duty EVSE will be located and shall terminate in order proximity to the potential future location of the charging equipments for medium- and heaving and the charging equipments for medium- and heaving the charging explanation of the charging expl Note: [M] . Tiber laif o California Building Code. Chapter 12, Section 1205.8 for college campus lighting requirements for particip Buildines and walkness. Packets for Chapter (5 Compliance Forms, Worksheets and Reference Material) for IES TM-15-11 Table . A-1, California Energy Code Tables 130,2-A and 130,2-B.

A-Refer to the California Building Code for requirements for additions and alteretions. 5.106.4.1.4 For new shell buildings in phased projects provide secure bicycle parking for 5 percent of the anticipated tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility. venices.

4. The raceway(s) or busway(s) shall be sufficient size to carry the minimum additional system is to the future location of the charging for medium- and heavy-duty ZEVs as shown in Table 5.106.5.4. 5.106.4.1.5 Acceptable bicycle parking facility for Sections 5.106.4.1.2, 5.106.4.1.3, and 5.106.4.1.4 shall be convenient from the street and shall meet one of the following: 5.106.10 GRADING AND PAVING. Construction plans shall indicate how site grading or a 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 to. the following: Covered, lockable enclosures with permanently anchored racks for bicycles;
 Lockable bicycle rooms with permanently anchored racks; or
 Lockable, permanently anchored bicycle lockers. TABLE 5.106.5.4.1 RACEWAY CONDUIT AND PANEL POWER Note: Additional information on recommended bicycle accommodations may be obtained from Sacramento Area Bicycle Advocates. REQUIREMENTS FOR MEDIUM- AND HEAVY-DUTY EVSE IN 5.106.4.2.1 Student bicycle parking. Provide permanently anchored bicycle racks conveniently accessed with a minimum of four two-bike cipacity racks per new building, so that the provide parking conveniently accessed with a minimum of two datal boycle parking; provide permanent, secure bicycle parking conveniently accessed with a minimum of two datal boycle parking spaces per new building. Acceptable bicycle parking facilities that bit occinientle for the televior of start planking area and datal meet to me of the following. BUILDING TYPE BUILDING SIZE (SQ. FT.) 5.106.12 SHADE TREES [DSA-SS]. Shade Trees shall be planted to comply with Sections 5.106.12.1, 5.106.12.2, and 5.106.12.3. Percentages shown shall be measured at noon on the summer solution. Landscape irrigation necessary to establish and maintain tree health shall comply with Section 5.304.6. 5.106.12.1 Surface parking areas. Shade tree plantings, minimum #10 container size or equal, shall be installed to provide shade over 50 percent of the parking area within 15 years. 10,000 to 90,000 Exceptions: Surface parking area covered by solar photovoltaic shade structures with roofing materials that comply with Table A5.108.11.2.2 in Appendix A5 shall be permitted in whole or in part it lieu of shade tree planting. 3 or Greate 400 Greater than 90,000 1 or Greater 5.106.5.3 Electric vehicle (EV) charging. [N] Construction to provide electric vehicle infrastructure and facilitate electric vehicle charging shall comply with Section 5.106.5.3.1 and shall be provided in accordance with requisitions in the California Electrical Code. 5.106.12.2 Landscape areas. Shade tress plantings, minimum #10 container size or equal shall be installed to provide shade of 20% of the landscape area within 15 years. 400 Exceptions: Playfields for organized sport activity are not included in the total area calculation Greater than 135,00 1 or Greater 20 000 to 256 000 3 or Greater 400 Exceptions:

//alks, hardscape areas covered by solar photovoltaic shade structures or shade structures with roofing

//alks, hardscape areas covered by solar photovoltaic shade structures or shade structures with roofing

//alks, hardscape areas covered by solar photovoltaic shade structures or shade structures with roofing

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//alkscape areas covered by solar photovoltaic shade structures or shade structures with roofing

//alkscape areas covered by solar photovoltaic shade structures or sh milities trust Compy was recommended of shade tree planting.

Designated and marked play areas of organized sport activity are not included in the total area calculation.

5.106.8 LIGHT POLLUTION REDUCTION. [N]. I Outdoor lighting systems shall be designed and installed to

1. The inferious requirements in the California Energy, Code for Lighting Zones 0.4 as defined in Chapter 10, Section 10-14 16 of Colfornia Administration Code: each control Light Colfornia Colfo

Luminaires that qualify as exceptions in Sections 130.2 (b) and 140.7 of the California Energy Code. Emergency lighting.

In the California Energy Code (b) and the California Energy Code (

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ALLOWABLE RATING	LIGHTING ZONE LZ0	LIGHTING ZONE LZ1	LIGHTING ZONE LZ2	LIGHTING ZONE LZ3	LIGHTING ZONE LZ4
MAXIMUM ALLOWABLE BACKLIGHT RATING :					
Luminaire greater than 2 mounting heights (MH) from property line	N/A	No Limit	No Limit	No Limit	No Limit
Luminaire back hemisphere is 1-2 MH from property line	N/A	B2	B3	B4	B4
Luminaire back hemisphere is 0.5-1 MH from property line	N/A	B1	B2	В3	В3
Luminaire back hemisphere is less than 0.5 MH from property line	N/A	В0	B0	B1	B2
MAXIMUM ALLOWABLE UPLIGHT RATING (U)					

TABLE 5.106.8 [N] MAXIMUM ALLOWABLE BACKLIGHT,

UPLIGHT AND GLARE	(BUG) RAT	INGS 1,2			
ALLOWABLE RATING	LIGHTING ZONE LZ0	LIGHTING ZONE LZ1	LIGHTING ZONE LZ2	LIGHTING ZONE LZ3	LIGHTING ZONE LZ4
MAXIMUM ALLOWABLE BACKLIGHT RATING :					
Luminaire greater than 2 mounting heights (MH) from property line	N/A	No Limit	No Limit	No Limit	No Limit
Luminaire back hemisphere is 1-2 MH from property line	N/A	B2	В3	B4	B4
Luminaire back hemisphere is 0.5-1 MH from property line	N/A	B1	B2	В3	В3
Luminaire back hemisphere is less than 0.5 MH from property line	N/A	В0	B0	B1	B2
MAXIMUM ALLOWABLE UPLIGHT RATING (U)					
For area lighting :	N/A	UO	U0	UO	UO
For all other outdoor lighting,including decorative luminaires	N/A	U1	U2	U3	UR

options.

On a case-by-case basis when the local enforcing agency has determined compliance with the control property of the control property conditions.

a. When there is no local still grower supply.

I when the local utility is unable to supply deciquate prover.

C. When there is no videous studies to the local enforcement approxy auditatifiating the control property control property and the control property and th

5.106.5.3.1 EV capable spaces. NI EV capable spaces shall be provided in accordance with Table 5.108.5.3.1 and the following

appelle spaces shall be provided in accordance with Table 5.196.5.31 and the following papelle spaces with the California Celetical Code and no less that T-inch (25 mm) diameter shall be provided and shall originate at a service panel or a subpanel(s) serving the area, and shall be mission to the proposal contract of the EV capable and in the suitable fellow California. Our articles or department in Centeron in covery may be A service panel or suppose (s) shall be provided with panel spaces and delibration land capacity for a declarate (200240 vol. 40-ampren minimum branch contait for each EV capable space, with levely of 30-amper namement branch small some soft EV capable space, with entirely of 30-amper namement branch small some sufficient capacity to supply life rated ampenage at each EV capable space. The service panel or subpanel crust declarate in all some sufficient capacity to the supply of the contract of the supplementation of the supplementation in contract protective declarate spaces (s) as EV CV-PABEE. The raceway termination location shall be permanently and velocities of the supplementation in contract and the permanently and velocities and the supplementation in contract and the permanently and velocities and the supplementation in contract and the permanently and velocities and the supplementation in contract and the permanently and velocities and the supplementation in contract and the permanently and velocities and the supplementation in contract and the permanently and velocities and the supplementation in contract and the permanently and velocities and the supplementation in contract and the permanently and velocities of the supplementation in contract and the permanently and velocities and the permanent and the permanent and velocities and

A parking space served by electric vehicle supply equipment or designed as a future EV ging space shall count as at least one standard automobile parking space only for the pur to mapping spaces are mixtured as a seast one standard automobile parking space only for the purpose complying with any applicable minimum parking space requirements established by an enforcement agency. See vehicle Code Section 22511.2 for further details.

TOTAL NUMBER OF ACTUAL PARKING SPACES	NUMBER OF REQUIRED EV CAPABLE SPACES	NUMBER OF EVCS (EV CAPABLE SPACES PROVIDED WITH EVSE)*2
0-9	0	0
10-25	2	0
26-50	8	2
51-75	13	3
76-100	17	4
101-150	25	6
151-200	35	9
201 AND OVER	20% of total ¹	25% of EV capable spaces1

Where there is insufficient electrical supply.
 The number of required EVCS (EV capable spaces provided with EVSE) in column 3 count tows.

5.106.5.3.2 Electric vehicle charging stations (EVCS)

106.5.3.2 Electric vehicle charging stations (EVCS) EV capable spaces shall be provided with EVSE to create EVCS in the number indicated in Table 5.106.5.3.1 The EVCS required by Table 5.106.5.3.1 may be provided with EVSE in any combina Level 2 and Direct Current Fast Charging (DCFC), except that at least one Level 2 EVSE shall be

One EV charger with multiple connectors capable of charging multiple EVs simultaneously shall be permitted if the electrical load capacity required by Section 5.106.5.3.1 for each EV capable space is accumulatively supplied to the EV charger.

The installation of each DCFC EVSE shall be permitted to reduce the minimum number of required EV capable spaces without EVSE by five and reduce proportionally the required electrical load capacity to

COMMONS RESOURCE

DOCUMENT

COUNTY OF NEVADA

reproduction or reuse in whole or in pa out written approval is strictly forbidder

1	1/24/2024						
	1st Agency Plan Check Response						
2	_						

2022011 08/29/2024

CAL-GREEN

Perimeter sediment control (perimeter silt fencin. Sediment trap or sediment basin to retain sedi. Stabilized construction exits.

Distribution construction exists.
While dension construction exists.
While dension construction between the enforcing agency.

As Other and loss Bibit's acceptable to the enforcing agency.

As Other and loss that should be considered for implement materials, non-stormwater discharges and wastes that should be considered for implementation as appropriate for each project include, but are not instead to, the following:

Be the project of the project of the considered for implementation of

CHAPTER 3

GREEN BUILDING

SECTION 301 GENERAL

301.1 SCOPE. Buildings shall be

301.3 NONRESIDENTIAL ADDITIONS AND ALTERATIONS. [BSC-CG] The provision of 1,000 square

301.3.1 Nonresidential additions and alterations that cause updates to plumbing fixtures only:

Note: On and after January 1, 2014, certain commercial real property, as defined in Civil Code Sectio 11013, shall have its noncompliant plumbing fatures replaced with appropriate water-conserving plumbing fatures under specific corrussances. See Ovid. Code Section 1101.1 et see, for definitions, types of commercial real property affected, effective dates, circumstances necessitating replacement of noncompliant plumbing fatures, and otiles and responsibilities for

301.3.2 Waste Diversion. The requirements of Section 5.408 shall be required for additions and alterations whenever a permit is required for work.

302.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building ehall comely with the specific green building measures applicable to each specific occupancy.

303.1.1 Initial Tenant improvements. The provisions of this code shall apply only to the initial tenant improvements to a project. Subsequent tenant improvements shall comply with the scoping provisions

CUTOFF LUMINAIRES. Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not numerically exceed 25 (25 percent) at an angle of 90 degrees above nadir, and 100 (10 percent) at a vertical angle or 80 degrees above nadir. This applies to all listeral angles around the luminaire.

Zero emission vehicle (ZEV), enhanced advanced technology PZEV (enhanced AT ZEV) or transitional zero emission vehicles (TZEV) regulated under CCR. Title 13, Section 1982.
 High-efficiency vehicles, regulated by U.S. EPA, bearing a fuel economy and greenhouse gas rating od 9 oe 10 as regulated under 40 CFR Section 000 subpart 10.

NEIGHBORHOOD ELECTRIC VEHICLE (NEV). A motor vehicle that meets the definition of "low-speed vehicle" either in Section 385.5 of the Vehicle Code or in 49CFR571.500 (as it existed on July 1, 2000), and is certified to

VANPOOL VEHICLE. Eligible vehicles are limited to any motor vehicle, other than a motortruck or truck tractor, designed for carrying more than 10 but not more than 15 persons including the driver, which is maintained and used primarily for the proposity two-related transportation of adults for the purpose of ridesharine.

SECTION 5.106 SITE DEVELOPMENT
5.106.1 STORM WATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB LESS THAN ONE ACRE

TENANT-OCCUPANTS. Building occupants who inhabit a building during its normal hours of operation as p occupants, such as employees, as distinguished from customers and other transient visitors.

303.1 PHASED PROJECTS. For shell buildings and others constructed for future tenant import only those code measures relevant to the building components and systems considered to be new construction (or newly constructed) shall apply.

301.4 PUBLIC SCHOOLS AND COMMUNITY COLLEGES. (see GBSC) 301.5 HEALTH FACILITIES. (see GBSC)

NONRESIDENTIAL MANDATORY MEASURES

DIVISION 5.1 PLANNING AND DESIGN

SECTION 302 MIXED OCCUPANCY BUILDINGS

SECTION 303 PHASED PROJECTS

ABBREVIATION DEFINITIONS:

SECTION 5.101 GENERAL

SECTION 5.102 DEFINITIONS 5.102.1 DEFINITIONS

LOW-EMITTING AND FUEL EFFICIENT VEHICLES.

Note: Source: Vehicle Code, Division 1, Section 668

ZEV. Any vehicle certified to zero-emission standards.

CHAPTER 5

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

NONRESIDENTIAL MANDATORY MEASURES, SHEET 2 (January 2023)

SECTION 5.402 DEFINITIONS

8.402 1 DEFINITIONS. The following terms are defined in Chapter 2. (and are included here for reference)

BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals, according to design quantities.

ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or ac

ORGANIC WASTE. Food waste, green waste, landscape and pruning wste, nonhazardous wood waste, and food exited paper waste that is mixed in with food waste.

SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT

5.407.2 MOISTURE CONTROL. Employ moisture control measures by the following methods.
5.407.2.1 Sprinklers. Design and maintain landscape irrigation systems to prevent spray on structures.
5.407.2.2 Entries and openings. Design exterior entries and/or openings subject to foot traffic or wind-driven pain to prevent water intrusion in toutilings as follows.

SECTION 5.303 INDOOR WATER USE
5.303.1 METERS. Securate submeters or metering devices shall be installed for the uses described in Sections

5.303.1.1 Buildings in excess of 50.000 square feet. Separate submeters shall be installed as follows

 For each individual leased, rented or other tenant space within the building projected to consume more than 100 gallday (380 Liday), including, but not limited to, spaces used for laundry or cleans restaurant or food service, medical or cental office, laboratory, or beauty salon or barber shop.

 Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems:
 Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s).
 Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s).
 Steam and hot water boties with energy injust more than 500.000 Bluh (147 kW).

5.303.3.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons perflush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Yank-Tune trialet.

5.303.3.2.2 Floor-mounted Urinals. The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush.



5.410.4.4 Reporting. After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.

5.410.4.5.1 Inspections and reports. Include a copy of all inspection verifications and reports required

5.410.4.5 Operation and maintenance (O & M) manual. Provide the building owner or represental detailed operating and maintenance instructions and copies of guaranties/warranties for each system instructions shall be consistent with OSHA requirements in CCR, Title 6, Section 5142, and other rel

ARTERIAL HIGHWAY. A general term denoting a highway primarily for through traffic usually on a continuous rou

COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average sound level (Lidn

DIVISION 5.5 ENVIRONMENTAL QUALITY

SECTION 5.501 GENERAL 5.501.1 SCOPE. The provisions of this of

IAS AC 476 is an accreditation criteria for organizations providing training and/or certification of commissioning personnel, AC 476 is available to the Authority Hawing Jurisdiction as a reference for qualifications of commissioning personnel. AC 476 dea not certify individuals to conduct functional performance tests or to adjust and balance systems. COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medi density literboard. "Composite wood products" does not include hardboard, structural plywood, structural panets, structural composite tumber, oriented strand board, glued isminated simber, simber, prefabricated wood I-joists or Inger-jointed tumber, all as specified in California Code of Regulations (CCR), Tile 17, Section 93120.1(a). An installed awning at least 4 feet in depth.
The door is protected by a roof overhang at least 4 feet in depth.
The door is necessed at least 4 feet.
Other methods which provide equivalent protection. Functional performance testing for heating, ventilation, air conditioning systems and lighting controls must be performed in compliance with the California Energy Code. DAY-NIGHT AVERAGE SOUND LEVEL (Ldn). The A-weighted equivalent continuous sound exposure level for 24-hour period with a 10 dB adjustment added to sound levels occurring during nighttime hours (10p.m. to 7 a.m.; \$40.5.1 Owner's or Comer Representative's Project Requirements (DRIS, IN). The expectation or requirements for the building spropriets for a brane shall be convented before the design phase of the project begins. This documentation shall include the following. The convented before the design phase of the project begins. The documentation and include the following control of the convented before the design phase of the project begins. The documentation and include the convented before the design phase of the convented before the convented before the convented by DECIBEL (db). A measure on a logarithmic scale of the magnitude of a particular quantity (such as sound pressure sound power, sound intensity) with respect to a reference quantity. SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND operation.

5. Equipment and systems expectations.

6. Building occupant and operation and maintenance (O&M) personnel expectations. 5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a condemolition waste management ordinance, submit a construction waste management plan that: 5.303.3.4.2 Kitchen faucets. Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Kitchen faucets may temporarily increase the flow above the maximum to but not to exceed 2.2 gallons per minute at 80 psi. and must default to a maximum flow rate of 1.8 gallons. ELECTRIC VEHICLE CHARGING STATION(S) (EVCSi). One or more spaces intended for charging electric vehicles ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE). The conductors, including the ungrounded, grounded, an equipment grounding conductors and the electric vehicle connectors, attachment plugs, and all other filtings, de power outlets, or apparatus installed specifically for the purpose of transferring energy between the premises with 5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute/20 [rim space (inches) at 60 psi]. ENERGY EQUIVALENT (NOISE) LEVEL (Leq). The level of a steady noise which would have the same energy as the fluctuating noise level integrated over the time of period of interest. 5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per minute/20 [rim space (inches) at 60 psi]. General project information.

General project information.

Systems to be commissioned. Plans to test systems and components shall include:

a. An explanation of the original design intent.

Explanation and systems to be tested, including the extent of fests.

d. Conditions under which the test shall be performed.

J. Beausander clinicals or acceptable performance.

Commissioning process activities, schedules and responsibilities. Plans for the completion of commissioning process activities, schedules and responsibilities. Plans for the completion of commissioning process activities, schedules and responsibilities. Plans for the completion of commissioning process activities, schedules and responsibilities. Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction Note: The owner or contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company. FREEWAY. A divided arterial highway with full control of access and with grade separations at intersections 5.303.3.4.6 Pre-rinse spray value
When installed, shall meet the requirements in the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) Table 1+2, Section 1605.3 (h)(4)(A), and Section 1607 (d)(7), and shall be equipped with an integral automatic shutoff. GLOBAL WARMING POTENTIAL (GWP). The radiative forcing impact of one mass-based unit of a given gree gas relative to an equivalent unit of carbon dioxide over a given period of time. Carbon dioxide is the reference Excavated soil and land-clearing debris.

Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.

Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities SLOBAL WARMING POTENTIAL VALUE (GWP VALUE). A 100-year GWP value published by th ntergovernmental Panel on Climate Change ((IPCC)) in their is Second Assessment Report ((SRR) ((IPCC, 1985); or F Courth Assessment As Report (AR4) ((IPCC, 2007). The SAR GVP values are found in column "SAR (100-yr)" of Jable 2.14.; The AR4 GVP values are found in column "100 yr" of Table 2.14. 5.410.2.4 Functional performance testing, [N] Functional performance tests shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. Functional performance testing reports and contain information addression eather specifications and contain information addressions and additional contains a contains and additional contains a contains HIGH-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that is: (a) a chlorofluorocarbon, a hidrochlorofluorocarbon, a hydrofluorocarbon, a perfluorocarbon, or any compound or blend of compounds, with a GWP value equal to or greater than 150, or (8) any corpor depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009). STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY VALUES MANUFACTURED ON OR AFTER JANUARY 28, 2019 5.408.1.4 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1, through 5.408.1.3. The waste management plan shall be updated as necessary and shall be expessible during construction for examination by the enforcing agency. LONG RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, PRODUCT CLASS [spray force in ounce force (ozf)] 5.410.2.5.1 Systems manual. [N] Documentation of the operational aspects of the building sha completed within the systems manual and delivered to the building owner or representative. The Product Class 2 (> 5.0 ozf and ≤ 8.0 ozf) manual shall include the following:
Site information, including facility description, history and current requirements.
Site context information. 5 303 4 COMMERCIAL KITCHEN FOLIPMENT 5.408.2 UNIVERSAL WASTE. (A) Additions and alterations to a building or tenent space that meet the scoping provisions in Section 301.3 for nonesidential additions and alterations, shall require verification that Universal Winters such as thorecorn lamps and botals and mercury containing themostata as well as other California prohibit Universal Waster materials are disposed of properly and are diverted from landfills. A list of prohibited Universal Vamietralis shall be included in the construction documents. 5.410.2.5.2 Systems operations training. INI A program for training of the appropriate maintenants for each equipment type and/or system shall be developed and documented in the commission of the commission PSIG. Pounds per square inch, guage. Note: Refer to the Universal Waste Rule link at: http://www.dtsc.ca.gov/universal REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to 5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. 100 percent of trees, stumps, rocks and associate regetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such naterial may be accopied on set until the storage set its developed. SHORT RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction of the condition of the condit SECTION 5.304 OUTDOOR WATER USE 5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Nonresidential developments shall comply with a local water efficient landscape ordinance (MVELO), whichever is more stringent. If contamination by disease or peet infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material.
 For a map of know peet and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.odla.ca.gov) 5.410.4 TESTING AND ADJUSTING. New buildings less than 10,000 square feet. Testing and adjusting of systems shall be required for new buildings less than 10,000 square feet or new systems to serve an addition caleration subject to Section 303.1. VOC. A volatile organic compound broadly defined as a chemical compound based on carbon chains or rings will vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17. Section 94:508(a) Notes:

1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code of Regulations,
Title 23, Chapter 2.7, Division 2.

2. MWELO and supporting documents, including a water budget calculator, are available at:
https://www.water.ca.gov. 5.394.5 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. For public schools and community colleges andscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall corroply with the California Department of Water Resources Model Valater Eliment Landscape Ordinance (WINCL) commonning with Section-480 of Chapter 2.7. Division, 2. Tale 23, California Code of Repulsions, except that the evapotamispration adjustment factor (ETAF) that the OS of with an additional value and sold with a division of the California Californ Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, venilation, air condictioning (HVAC) systems and controls, indoor lighting systems and controls, etc. as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements of Sections 120.5, 120.6, 130.4, and 140.9(b))3 for additional testing requirements of specific SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWELD. 5.04.1 TEMPORATY VENTILATION. The permisent HYAC system shall only be used during construction in occasive to condition be building or areas of addition or alteration within the required temperature regime or national and equipment restalation. If the HYAC system is used during construction, use return air filters with diritiman Efficiency Reporting Value (REVIV) of 6. based on APRIAES 52.2-199 or an awarque efficiency of 0% based on ASHRAE 52.1-1992 Replace all filters immediately prior to occupancy, or, if the building is copied during aftersion, after borousistion of construction. Exception: Additions within a tenant space resulting in less than a 30% increase in the tenant space floor area. 5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's procedures and applicable standards on each system. DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE 5.410.1.2 Sample ordinance. Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division 30 of the Public Resources Code. Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act). 5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system sensing a building or space is operated for normal use, the system shall be balanced in accretance with the procedures defende by the Testing Autoria and Balancing Brease National Standards; the National Environmental Balancing Brease Procedural Standards; Associated Air Balancian Council National Standards or as approved by the enforcing agency. 5.06.4.3 Covering of duct openings and protection of mechanical equipment during construction. At the time or may initialisation and during storage on the construction site until final startup of the heating, cooling and verifiation equipment, all duct and other related an distribution consported reprings shall be covered with spc, pissor, sheetmad or other methods acceptable to the enforcing agency to reduce the amount of dust, water and debris white may enter the system. SECTION 5.401 GENERAL 3401.1 SOPE. The provisions of this chapter shall outline means of achieving material conservation and re efficiency through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, and building commissioning or testing and adjust techniques to reduce pollution through recycling of materials, and building commissioning or testing and adjust techniques to reduce pollution through recycling the properties of the Note: A sample ordinance for use by local agencies may be found in Appendix A of the document at the DECLAMMENT IN DOCUMENT IS PROVINCED VIDE IN THE DECLAMMENT IN SECURITY IS PROVINCED VIDE IN THE DECLAMMENT IN THE COLUMN IN THE

not over a failing commission by the fail benefits of the Belley and contraction processes of the balling original to the process of the ball to the balling of the Belley and contraction processes of the balling promissioning shall be performed in accordance with this section by trained personnel with experience comparable size and complexity. For Locapancies that are not regulated by SMPD or for Locapancies -occupancies that are not regulated by SMPD or for Locapancies 14.10 2 through 5.410.2 for shall apply.

Owner's or Owner representative's project requirements.
Basis of design.
Commissioning measures shown in the construction documents.
Commissioning plan.
Functional performance testing.

Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating ventilation, air conditioning (HVAC) systems and controls, indoor lighting systems and controls, as well as water reating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements.

Unconditioned warehouses of any size.
 Areas less than 10,000 spaure feet used for offices or other conditioned accessory spaces within unconditioned unanhouses.
 Teerast improvements less than 10,000 square feet as described in Section 303.1.1.
 Open parking parages of any size, or open parking parage areas, of any size, within a structure.

WALLIS DESIGN STUD ARCHITECTS

> 415 W Main St Grass Valley, Ca 95945 (530) 264-7010 WallisDesignStudio.com

NEVADA COUNTY COMMONS RESOURCE CENTER

> DOCUMENT 08/29/2024

COUNTY OF NEVADA

3-1105 SUTTON WAY ASS VALLEY, CA

CONTRACT DOCUMENT



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ij. No.: 2022011 te: 08/29/2024 sle: 12" = 1'-0"

Drawing Title: CAL-GREEN

CAL-GREEN NON RESIDENTIAL

Drawing Number

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2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

NONRESIDENTIAL MANDATORY MEASURES, SHEET 3 (January 2023)

5.504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with Sections 5.504.4.1 through

CURRENT VOC LIMIT

ARCHITECTURAL APPLICATIONS

NDOOR CARPET ADHESIVES

WOOD FLOORING ADHESIVES

MULTIPURPOSE CONSTRUCTION ADHESIVES

SINGLE-PLY ROOF MEMBRANE ADHESIVES THER ADHESIVES NOT SPECIFICALLY LISTED

STRUCTURAL GLAZING ADHESIVES

ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVE

TOP & TRIM ADHESIVE

PLASTIC FOAMS FIBERGLASS

ARCHITECTURA

SEALANT PRIMERS

ARCHITECTURA

POROUS

MODIFIED BITUMINOUS

INGLE-PLY ROOF MEMBRANE

TRUCTURAL WOOD MEMBER ADHESIVE

TABLE 5.504.4.2 - SEALANT VOC LIMIT

IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.

5.304.4.3.1 Aerosol Paints and coatings. Aerosol paints and coatings shall meet the PYMIR Limits for ROC in Section 3452(2)(3) and other requirements, including prohibitions on use of certain tools compounds and come opietings substances, in Sections 5452(2)(2) and ((2)(2) of California Code of Regulations, Tile 17; commercing with Section 4600, and in sense under the principle of Section 67 the section 68 this 48.

FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168. WWW.arb.ca.gov/DRORS/CICURTMIL/B1168.0F3.

SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES

CPVC WELDING



Y = YES
NA = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (N: APCHITECT, EN
OWNER O'SYTRACTOR, INSPECTOR STC.)

ARCHITECTS

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NEVADA COUNTY COMMONS RESOURCE CENTER

DOCUMENT

COUNTY OF NEVADA

CONTRACT DOCUMENT

12/31/2024

t written approval is strictly forbidd

Proj. No.: 2022011 08/29/2024

Drawing Title CAL-GREEN NON

RESIDENTIAL

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ARE LISTED IN SUBSEQUENT COLUMNS IN	1
HE CALIFORNIA AIR RESOURCES BOARD, 2008. MORE INFORMATION IS AVAILABLE	1
is section shall be provided at the request of ot limited to, the following:	-
	120 120 120 120 120 120 120 120 120 120

5.594.4.41 Carpet cushion. All capet cushion less than the bushing interior part meet the requirements of the California Department of Public Health Standard Method for the Testing T

See California Department of Public Health's website for certification programs and testing labs. https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx#mater

4,584.4.3 Documentation. Verification of compliance with this section shall be provided as requested by the enduring agency. Documentation shall include a letter of the following.

1. Product certifications and specifications.

1. Product laided and nivocal as meeting the Composite Wood Products regulation (see COCH. Title 17. Section 1917.0) if sea,)

1. Product laided and nivocal as meeting the Composite Wood Products regulation (see COCH. Title 17. Section 1917.0) if sea,)

1. Product laided and Association (see Australian ARVSIZ 2500 or Corposation S).

1. Engineering Wood Association, the Australian ARVSIZ 2500 or Corposation 2500.

standards.

5. Other methods acceptable to the enforcing agency.

ABLE	5.504.	4.5 -	FORMALDEHYDE LIN	MITS:

MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MI	LLION
PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD2	0.13

5.564.4.7 Thermal insulation
Comply with the requirements of the California Department of Public Health, "Standard Method of the Testing
and Fealulation of Visible Togethic Observed Emissions from Indice Sources Using Environmental Chambers,
See California Department of Public Health's website for certification programs and testing labb,
this privace who are converged and the California Department of Public Health's website for certification programs and testing labb,
this privace who are converged and converged to the California Department of Public Health's website for certification programs and testing labb.

5.594.4.7.1 Verification of compliance.

Documentation shall be provided verifying that thermal insulation materials meet the polluta

Exceptions: Existing mechanical equipment.

5.504.5.3.1 Labeling. Installed filters shall be clearly labeled by the manufacturer indicating the MERV

5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of script on 120.1 (Requirements For Ventilation) of the California Energy Code, or the applicable local code, whicher is more stringent, and Division 1, Chapter 4 of CCR, Tille 8.

5.596.2 CARBON DIOXIDE (CO₂) MONITORING. For buildings or additions equipped with demand control ventilation, CO₂ sensors and ventilation controls shall be specified and installed in accordance with the requi of the California Energy Code, Section 120(c)(4).

5.566.3 Carbon dioxide (CO2) monitoring in classrooms.

(ISSA-55) Each public K-12 school classroom, as listed in Table 120.1-A of the California Energy Code, shall be equipped with a carbon dioxide monitor or senior that meletis the following requirements:

1. The monitor or serior shall be permanently affixed in a temper proof manner in each classroom between 3 and 5 leaf (154 mm) area of 1520 mm) price which the control is carbon for the control is carbon for control operation.

is the (10 km m and 100 mm) shows the floor and at least 5 feet (150 kmm) away from door and operation. When the monitor or security of the control operation (100 kmm) away from the control operation (100 kmm). The monitor or security of the control operation (100 kmm) and the cont

SECTION 5.507 ENVIRONMENTAL COMFORT
5.507 A ROUSTICAL CONTROL. Employ halding assembles and components with Sound Transmission Class (STC) values defermed in accordance with ASTM E 0 and ATSTME 4 113, or Outdoor-Indoor Sound Transmission Class (STC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4 c 3. 507.4 c.

Exception: [DSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction.

5.507.4.1 Exterior noise transmission, prescriptive method. Wall and roof-ceiling assemblies the noise source making up the building or addition envelope or altered envelope shall meet a orating of at least 50 or a composite OTIC rating of no less than 40, with exterior windows of a mil 40 or OTIC of 30 in the following locations:

1. Within the 65 CNEL noise contour of an airport

Lin or CNEL for military airports shall be determined by the facility Air Installation Compatible
Land Use Zone (AICUZ) plan.
 Lin or CNEL for other airports and heliports for which a land use plan has not been developed
shall be determined by the local general plan noise element.

Within the 65 CNEL or Lm noise contour of a freeway or expressway, railroad, industrial source or fixed-guideway source as determined by the Noise Element of the General Plan.

5.597.4.1.1. Noise exposure where noise contours are not readily available. Buildings exposed to a noise level of 65 dB L_m - 1-hr during any hour of operation shall have building, addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OTIC 35), with exterior windows of a minimum STC of 40 (or OTIC 30).

5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting complying interior sound levels shall be prepared by personnel approved by the architect or engineer of record.

Note: Examples of assemblies and their various STC ratings may be found at the California Office of Noise Control: www.toolbase.org/PDF/CaseStudies/stc_icc_ratings.pdf.

SECTION 5.508 OUTDOOR AIR QUALITY

epletion and greenhouse gas reductions. I comply with Sections 5.508.1.1 and 5.508.1.2.

5.508.1.1 Chlorofluorocarbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do n

5.508.2 Supermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with the provisions of this section when installed in retail food stores 8,000 square feet or more conditioned ware, and the discuss other refrigerated display scape, in each in cooles or fine-resconded to be remote compressor with or clother of increases connected to remote compressor with or (high-OMP) enforcements with a OVP of 150 or greater. New refrigeration systems include both new facilities an represented red existing refrigeration systems in existing facilities.

5.598.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outsi diameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used i refricerant systems exceed as noted below.

5.508.2.1.2.1 Anchorage. One-fouth-inch OD tubing shall be securely clamped to a rigid base to keep vibration levels below 8 mils.

5.508.2.2 Valves. Valves Valves and fittings shall comply with the California Mechanical Code and as

5.508.2.2.1 Pressure relief valves. For vessels containing high-GWP refrigerant, a rupture disc shall be installed between the cutlet of the vessel and the inlet of the pressure relief valve.

5.508.2.2.2 Access valves. Only Schrader access valves with a brass or steel body are

5.508.2.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve caps shall be brass or steel and not plastic.

5.508.2.2.2 Seal caps. If designed for it, the cap shall have a neoprene O-ring in place

5.508.2.2.2.1 Chain tethers. Chain tethers to fit ovr the stem are required for valves designed to have seal caps.

5.598.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall be fitted with a device tha indicates the level of refrigerant in the receiver.

5,508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation and

5.508.2.5.2 Leaks. Check the system for leaks, repair any leaks, and retest for pressure using the same

5.508.2.5.3 Allowable pressure change. The system shall stand, unaltered, for 24 hours with no more than a +/- one pound pressure change from 300 oxic, measured with the same gause.

5.508.2.6 Evacuation. The system shall be evacuated after pressure testing and prior to charging.

5.508.2.6.1 First vacuum. Pull a system vacuum down to at least 1000 microns (+/- 50 microns), and

5.508.2.6.2 Second vacuum. Pull a second system vacuum to a minimum of 500 microns and hold for 3

INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS

702 QUALIFICATIONS
702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the s

702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent stell entity one or most special inspectors to provide inspectors to the soften inspector of the performed. In addition, the contributions or qualifications or qualifications acceptable to the enforcing agency, the following certifications or advantage to provide the soften inspector of the provider and the provide

Certification by a national or regional green building program or standard publisher.

Certification by a statewise energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.

Successful completion of a Bridg party apprention training program in the appropriate trade.

Other programs acceptate to the enforcing agency.

Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.
 HERS rates are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).

(BBC-CG) When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent and entity owner or more special respectors to provide inspection or other duties receively to subdiving a support of the protection and the provide inspector of the duties receively to the protection and appropriate the provide and appropriate the provided and the provided and the provided and the provided as the provided as the protection of the provided as conflictation to not a recognized state, national or international association, as obteniesed by the local agency. The area of conflictation that the obsery installed the primary by function, a obteniesed by the local agency.

703 VERIFICATIONS

703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to construction documents, priens, specifications, busider or instaler certification, inspection reports, or other methods acceptable to the enforting agancy which demonstrate substantial conformance. When specific documentation or special impection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checkuit.

NEVADA COUNTY COMMONS RESOURCE CENTER

69.02

1103 SUTTON WAY, GRASS VALLEY, CALIFORNIA APN 035-400-042-000

SITE ≥

VICINITY MAP

PROJECT INFORMATION

ARCHITECT:

(530)264-7010 EMAIL: ROBERT.WALLIS@WDSA.US

CIVIL ENGINEERING:

SCO PLANNING & ENGINEERING, INC 140 LITTON DRIVE, SUITE 240 GRASS VALLEY, CA 95645 (530) 272–5841 CONTACTS: JASON BARNUM, P.E. EMAIL: JASONØSCOPEINC.NET

PROPERTY ADDRESS

1103 SUTTON WAY GRASS VALLEY, CA, 95945

APN 035-400-042-000

EXISTING STALLS: PROPOSED STALLS: REQUIRED ADA STALLS: PROPOSED ADA STALLS:

> BID DOCUMENT

ENGINEERING DIVISION
CITY OF GRASS VALLEY GRADING AND IMPROVEMENT PLANS FOR NEVADA COUNTY COMMONS RESOURCE CENTER PROJECT ENGINEER:

PROJECT NUMBER 23BLD-0672 SHEET 1 OF 7 DRAWING NUMBER:

BASIS OF BEARING

THE MERIDIAN OF THIS SURVEY IS NAD 83, CALIFORNIA STATE PLANE COORDINATE SYSTEM, ZONE2 (EPOC 2010.00). BASED ON GPS TIES TO THE NATIONAL GEODETIC SURVEY (NGS) PUBLISHED: PONDEROSA & DELPHINE.

ABBREVIATIONS

AGGEGATE ANSE
ASPHALT CONSTET
BEON CUNYE
BEON CUNYE
CONSTRUCT
CONSTRUCT
CONSTRUCT
CATOL BASIN
CONSTRUCT
CATOL BASIN
CONSTRUCT
CATOL BASIN
CETAL
CATOL

SHEET INDEX

C3 EXISTING TOPOGRAPHY AND DEMOLITION PLAN C4 GRADING AND DRAINAGE PLAN

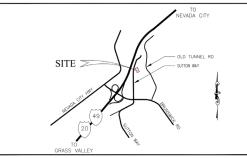
COVER SHEET

C2 NOTES

C5 DETAILS C6 DRAINAGE / WALL DETAILS

DISTANCES SHOWN HERON ARE GROUND DISTANCES AND ARE IN U.S. SURVEY FEET AND DECIMALS THEREOF. TO CONVERT GROUND DISTANCES TO GRID DISTANCES MULTIPLY BY CF OF .99979537.





OWNER/DEVELOPER:

COUNTY OF NEVADA
950 MAIDU AVE STE 130
NEVADA CITY, CA 95959
(530) 559–1087
CONTACT:
EMAIL: @NEVADACOUNTYCA.GOV

WALLIS DESIGN STUDIO 415 W MAIN ST GRASS VALLEY, CA 95945 CONTACT: ROBERT WALLIS

PARKING:





CENTER

COUIL IMPROVEMENT PLANS
COUNTY COMMONS RESOURCE
COVER SHEET

NEVADA



GENERAL NOTES:

I MUESS OFFERMER MOTED, ALL CONSTRUCTION IS ON LANGS OF THE OWNER, NEVADA COUNTY, IN EXECUTIVE DEFINITION THE CITY OF PREJUCT ACTIVE ACKNOCKS. THE CONTRICTOR SHALL DEFINITION THE REGISSING DESCROAMMENT PERMITS FIRM THE PROPRIED PROCEDURED AND ACTIVE THE PROPRIED AND OTHER THAN THOSE OF THE COUNTY, THE PROPRIED AND OTHER CONTRICTOR SHALL MAKE ALL PROPRIEDER MOTERATIONS AND CONTRICTOR SHALL MAKE AND CONTRICTOR SHALL M

2. THE LOCATIONS OF ALL INDEPENDING FACULTES 9-00W OF THIS FLAW ME APPROXIMATE. A REASONABLE CITIZET HAS RED.

ACCURATE OF COMPLETENESS OF THE DISTING FACULTES 9-00W NESTON OF FIR THE DISTING OF OTHER HARDWAY OF COMPLETENESS. OF THE DISTING FACULTES 9-00W NESTON OF FIR THE DISTING OF OTHER PROXIMATE OF THE PROXIMATE OF THE DISTING OF THE PROXIMATE OF THE PROXIM

3. THE CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS, IF REVISIONS ARE NECESSARY BECAUSE OF THE LOCATION OF EXISTING UTILITIES.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF EXISTING PUBLIC AND PRIVATE IMPROVEMENTS. ANY DAMAGED IMPROVEMENTS SHALL BE REPLACED BY THE CONTRACTOR TO EQUAL OR BETTER THAN PRE-PROJECT CONDITIONS INCLIDING, BUT NOT LIMITED TO, ROMOWAYS, DRAMAGE STRUCTURES, DRIVEWAYS, AND UTILITIES.

5. THE CONTRACTOR SHALL BE RESPONSBLE FOR COMPUSANCE WITH ALL CURRENTLY APPLICABLE SAFETY LAWS AND REGULATIONS OF ANY JURISDICTIONAL BODY. FOR INFORMATION CONTACT THE STATE INDUSTRIAL SAFETY DEPT.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL SURVEY MONUMENTS AND MARKERS DURING CONSTRUCTION. ALL SUCH MONUMENTS DESTROYED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

7. PRIOR TO ANY CORRECTIVE ACTION BY THE CONTRACTOR WHICH IS NECESSARY DUE TO STAKING ERRORS, THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER FOR VERIFICATION AND RESTAKING.

8. WHEN THE CONTRACTOR'S OFFRATIONS TEMPORARLY INTERFERE WITH THE EXISTING FLOW OF SEMACE, MATER, CAS, LECTRICITY, TELEPHONE COMMUNICATION, OR THE OPERATION OF ANY OTHER FACULTY, THE CONTRACTOR SHALL CONTACT THE APPROPRIATE AGRIC/TUILITY AT LESS THERE (3) DAYS PRIOR TO THE INTERFERENCE, AND PROVIDE OR MANE ARRANGEMENTS FOR SATISFACTORY PREASE SACULTIES.

9. THE CONTRACTOR SHALL REQUEST PERMISSION TO INTERFERE WITH SAID UTILITIES BY APPLYING TO THE RELATED UTILITY AN SHALL COMPLY WITH THEIR RECOMMENDATIONS AND GEDRANGES IN EACH CASE, SAID BYPASS FACILITIES SHALL BE SI CONSTRUCTED AS TO PROVIDE A NON-INTERPREPUTIVE SERVICE OF SAID UTILITY.

10. IF BYPASS FACILITIES ARE NOT FEASBLE OR REASONABLE, AS DETERMINED BY THE ENGINEER, THE RESIDENTS AND/OR OWNERS OF ALL PROCRETIES AFFICIED BY A TEMPORARY INTERRUPTION (LESS THAN 8 HOURS) MUST BE NOTIFIED AT LEAST 48 HOURS PRORE TO THE INTERRUPTION BY THE CONTRACTOR.

11. ALL INSTALLATIONS SHALL FOLLOW MANUFACTURERS RECOMMENDATIONS AND GUIDELINES UNLESS OTHERWISE NOTED ON THE PLANS. MANUFACTURERS INSTALLATION GUIDELINES SHALL BE ON CONSTRUCTION SITE AT ALL TIMES.

12. DIRRIG THE PRODUCES OF THE WORK, THE CONTRICTOR SHALL KEEP THE DATES USE STE IN A CLEAN AND GREEN'S CONDITION. DUCSES UNLINEAR MEMBERS SHALL EXPLANCED FROM THE USE OF THE PILLARE SKEALING FROM CONTRICTOR ACTIVITY SHALL BE KNOWED BY THE CONTRICTOR. ALL CUTTIES AND ROADSSE DITORS SHALL BEKEPT FREE AND CLEAF FROM GOSTRUCTORS. AND TOPACHADIS FROM COSTRUCTORS. AND TOPACHADIS FROM COSTRUCTORS. AND TOPACHADIS FROM THE ADOPT PRACTICE SHALL HAVE PROPER MEMBERS APPROVED THE EDWARDER.

13. THE CONTRACTOR SHALL PROVIDE ONE COMPLETE SET OF AS-BULLT CHANGES. THE CHANGES SHALL BE PLACED ON A CLEAN SET OF BLUELINE DRAININGS IN RED AND GIVEN TO THE DESIGN ENGINEER AT JOB COMPLETION.

14. THE CONTRACTOR SHALL AT HIS OWN EXPENSE, PROVIDE ALL PERMITS, CERTIFICATES AND LICENSES REQUIRED BY LAW.

15. WHEN TRANSPORTING ANY MATERIAL DURING CONSTRUCTION, CARE SHOULD BE TAKEN TO PREVENT MATERIAL FROM BLOWING OR SPILING ONTO STREETS AND HIGHWAYS. EARTHEN MATERIAL, IF TRANSPORTED, SHALL BE ADECLATELY SPRAYED WITH WATER PRICE TO TRANSPORT ONTO PUBLIC ROADS. VECETAINE MERRIEM, SHALL BE COVERED OF TARPED PROFA TO TRANSPORT.

16. INERT WASTE SUCH AS CONCRETE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF AT THE CONTRACTOR'S EXPENSE.

17. TOXIC WASTE (PETROLEUM AND OTHER CHEMICAL PRODUCTS), IF ENCOUNTERED, SHALL BE IDENTIFIED, SEPARATED AND DELIVERED TO THE PROPER LANDFILL AREA.

18. THE CONTRACTOR SHALL CHP OR HAUL TO AN APPROVED DUMP SITE OR LANDFILL, ALL CLEARED VEGETATION.

 ALL AREAS WITH VEHICLE TRAFFIC SHALL BE WATERED OR HAVE DUST PALLIATIVE APPLIED AS NECESSARY FOR REGULAR STABILIZATION OF DUST EMISSIONS.

20. SHOP DRAWINGS - THE CONTRACTOR SHALL PROMDE SHOP DRAWINGS AS MAY BE NECESSARY FOR THE PROSECUTION OF THE WARY, AS REQUIRED BY THESE NOTES. THE ENGINEER SHALL PROMPTLY REVIEW ALL SHOP DRAWINGS. THE ENGINEER'S REVIEW OF ANY SHOP DRAWING SHALL NOT RELEASE THE CONTRACTO CONTRACT OF DOMESTICATION FOR WHICH ENGINEER'S THE CONTRACT OF DOMESTICATION FOR WHICH THE CONTRACT DOCUMENT.

21. MATERIALS, SERVICES AND FACILITIES — MATERIALS AND ECUIPMENT SHALL BE SO STORED AS TO INSURE THE PRESERVATION OF THEIR CULAULTY AND THESE FOR THE WORK. STORED MATERIALS AND ECUIPMENT TO BE INCORPORATED IN THE WORK SHALL BE LOCATED SO AS TO FACILITATE PROMPT INSPECTION.

22. ALL MATERIAL SHALL BE UNLOADED, STORED, LOWERED INTO THE TRENCH AND JOINED, USING SUITABLE TOOLS AND EQUIPMENT AND IN A MANNER THAT WILL PREVENT DAMAGE TO THE MATERIAL, JOINTS, COATING, OR LINNG. STORAGE AND HANDLING SHALL BE IN ACCORDANCE WITH MANUFACTURES'S RECOMMENDATIONS.

23. DAMACED MATERIAL WILL BE REJECTED. THE CONTRACTOR SHALL CLEARLY MARK THE REJECTED MATERIAL AND REMOVE IT FROM THE MANERATE CONSTRUCTION AREA. WHEN JAPRONED BY THE DIAMPER, DAMACED MATERIAL MAY BE REPARED IN ACCORDANCE WITH THE MANIFACTURES'S ENCOMEDIES AND ALD DID IN THE CONSTRUCTION. REPLACEMENT OR REPARED IN REJECTED MATERIAL SHALL BE THE CONTRACTOR'S REPORTBUTLY AND AT NO DEPORTE TO THE OWNER.

24. INSPECTION AND TESTING — ALL MATERIALS MAY BE INSPECTED, SAMPLED AND TESTED BY THE OWNER THE CONTRACTOR SHALL DUE SUFFICIENT ADVANCE NOTICE OF PLANNS OF ORDER TO FERRIT TESTS TO BE COMPLETE BOYDE THE MATERIALS ARE NORMOPPORTED IN BOWN AND IF SHALL PROPERLY BY THE CONTRACTOR MATERIALS ARE TO REPORT AND TROUBLE FOR CONTRACTOR AND MATERIALS ARE NORMOPPORTED TO THE OWNER OF THE CONTRACTOR MATERIALS OF THE OWNER OWNER AND MATERIALS AND THE CONTRACTOR THE OWNER OWNER AND MATERIALS AND THE OWNER OWNER AND THE OWNER OWNER AND THE OWNER OWNER OWNER OWNER AND THE OWNER OWN

25. THE CONTRACTOR SHALL FIRMSH THE OWNER WITH EVERY REASONABLE FACULTY FOR ASCERTANING WHETHER OR NOT THE WORK AS PERFORMED IS IN ACCORDINACE WITH THE RECOMMENDERS AND NITCH OF THE CONTRACT. IF THE OWNER REQUESTS IT, IT THE CONTRACT AND THE REFORM EXCHANGE OF THE WORK AS JUAN LEGALOR OF UNDER SUCH PORTION OF THE RESISTED WORK AS MAY BE DESCEED. AFTER EXAMINATION, THE CONTRACTOR SHALL MESTIVE SAID PORTIONS OF THE WORK TO THE STANDARDS REQUESTED OF THE CONTRACTOR SHALL MESTIVE SAID PORTIONS OF THE WORK TO THE STANDARDS REQUESTED OF THE CONTRACTORS AND STREAMS.

26. WAITER AND POLLUTION — THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR COMPLIANCE WITH ALL LOCAL, COUNTY, STATE, AND FEDERAL REGULATIONS PERTANNET TO WAITER POLLUTION AND SOLE REGISSION INCLUDING THE PAYMENT OF ANY FINES OR PENALTES IMPOSED BY MAY COMPRIMENT ACROFT OF A RESULT OF MORN FERFORMED BY THE CONTRACTOR.

27. THE CONTRACTOR SHALL COMPLY WITH ALL AIR POLLUTION CONTROL RULES, RECULATIONS, ORDINANCES AND STATUTES WHICH APPLY TO THE WORK AREA. NEVADA COUNTY AIR POLLUTION CONTROL OFFICE CAN BE CONTACTED AT TELEPHONE 916-265-1398.

28. CONSTRUCTION SAFETY — THE CONTRACTOR SHALL FOLLOW CONSTRUCTION PROCEDURES NECESSARY TO PROVIDE A SET MORRISON CONDITION THROUGH ALL PHACES OF THE PROJECT. SAID PROCEDURES SHALL CONFORM TO THE SAFETY REGERS, DINISON OF MULTIRIAN SAFETY, THE & COLFFORM ADMINISTRATIVE CODE AND ALL OTHER PROVISIONS REQUIRED BY FEDERAL, STATE AND COUNTY LAW OR REMININGE.

28. THE CONTRICTION IS SCALLY RESPONSIBLE FOR CUITIANNE THE SAFETY PROCEDURES TO BE FOLLOWED BY ITS REPORTED, ALL SECONTRICTIONS, AND REPART THE PROCESS AND REPORT THE VASIENCY COMPUTER WITH SUPPLY PROCESS. IT SHALL ALWAYS PROVIDE FOR THE SAFETY OF THE PLBLUE BOTH DAY AND MONTH WHERE THEY ARE EXPOSED TO ITS CONSTRUCTION OPERATION.

31. TOUCHUP AND REPAR — THE CONTRACTOR SHALL TOUGHUP OR REPAIR ALL FINISHED SURFACES ON STRUCTURES, EQUIPMENT, KYLINES, OR HINATONE, THAT HAVE REEN DAMACED PRIOR TO FINIAL ACCEPTANCE. SURFACE ON WHICH SUCH TOUCHUP OF REPAIR CANNOT BE SUCCESSIVELY ACCOUNTED SHALL BE COMPLETELY REFINISHED OR IN THE CASE OF HARDWARE AND SIMLAR SMALL ITEMS, THE ITEMS SHALL BE REPLACED.

32. CEMENT MATERIALS - PORTLAND CEMENT SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR TYPE "II" PORTLAND CEMENT OF THE AMERICAN SOCIETY FOR TESTING MATERIALS. ALL CEMENT SHALL BE OF THE SAME BRAND.

33. UNLESS OTHERWISE SPECIFIED HEREIN, CEMENT GROUT OR MORTAR SHALL BE COMPOSED OF ONE PART CEMENT TO TWO PARTS FINE AGGREGATE MIXED WITH WATER IN A MECHANICAL BATCH MOXER TO PRODUCE A PLASTIC WORKABLE

34. STEEL RENFORCEMENT - THE CONTRACTOR SHALL FURNISH AND PLACE ALL STEEL RENFORCEMENT OF THE SZES AND SHAPES AS SHOWN ON THE PLANS OR SPECIFIED HERDIN. MATERIAL AND PLACEMENT SHALL COMPORN TO REQUIREMENTS OF SECTION 52 OF STRINDARD SPECIFICATIONS. STEEL SHALL BE A.S.T.M. A615, GRADE 40 UNLESS CALLED OUT OTHERMISE ON THE DRAININGS.

35, FORM AND FORMORY — THE FORMS SHALL BE SMOOTH, MORTARTIONT, TRUE TO THE REQUIRED LINES AND GRADES, AND OF SHATCHEST REPORTED INSPECTATION SUPPORT THE WIDOUT OF THE PERSH CONCRETE WINDLY SHRINGING DUT OF SHAPE OF APPROCALE ELECTRONIO DURNEN THE PROMISE OF THE CONCRETE, ALL DOPOSED SHAPE DOES SHALL BE CHARGED. FOR THE SHAPE OF THE SHAPE OF THE PRIAS. FORMS PROVINCEY LOSS THAT THE SHAPE OF TH

36. NISERTS — THE CONTRACTOR SHALL, BETORE PLACING CONCRETE, MAKE PROVISION FOR ALL CORED HOLES, HANGERS, AMOIGR AND OTHER BOLTS, CONDUITS, PRESS, WATER SEALS AND OTHER RESIRTS TO BE PLACED IN THE CONDUITE. HE SHALL WERE THE LOCATIONS AND DETAILS OF ALL SIDEN WORK AND SHALL PREVENT THE DISTURBANCE OF SUCH INSERTS DURRON THE PLACED OF THE CONNECTE.

37. IF ANY EXISTING FACILITIES ARE DAMAGED DURING CONSTRUCTION, THE CONTRACTOR/DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR AT NO COST TO THE DIWNER.

38. THAT PRIOR TO ANY WORK BEING CONDUCTED WITHIN THE STATE, COUNTY OR CITY RIGHT OF WAY, THE CONTRACTOR SHALL OBTAIN AN ENCRONCHMENT PERMIT FROM THE APPROPRIATE AGENCY.

39. ALTERNATIVES TO DIESEL GENERATOR SETS (SUCH AS GRID POWER) SHALL BE USED FOR ON-SITE ELECTRICAL NEEDS DURING CONSTRUCTION, UNLESS DEEMED INFEASIBLE BY THE AIR POLLUTION CONTROL OFFICER AND STATED IN WRITING.

40. F GRADING OR OTHER CONSTRUCTION OPERATIONS UNEARTH ARCHEOLOGICAL OR HISTORICAL ARTIFACTS OF RESOURCES, CONSTRUCTION ACTIVITIES SHALL CASE: THE PLANNING DEPARTMENT SHALL BE NOTHED OF THE EXTENT AND LOCATION OF DISCONERD MATERIALS SO THAT THEY MAY BE RECORDED BY A QUALIFIED ARCHAEOLOGIST, DISPOSITION OF ARTIFACTS SHALL COMPLY WITH STATE AND FEDERAL LIMIS.

41. PRIOR TO FINAL PREPARATION OF THE SUBGRADE AND PLACEMENT OF PAVEMENT BASE MATERIALS, ALL UNDERGROUND UNLITES SHALL BE INSTALLED AND SERVICE CONNICTIONS STUBBED OUT BEHIND THE HARDSOMET MERROWENENT, FUBIC UNLITES, CABLE TO, SMATHER TEMBERS, AND WATER URSE, SHALLE BE INSTALLED IN A MANNER WHICH WILL NOT DISTURBE THE STREET PANEMENT, CURB, QUITER AND SDEWALK, WHEN FUTURE SERVICE CONNECTIONS OR EXTENSIONS ARE MADE.

42. IF GRADING IS TO TAKE PLACE BETWEEN OCTOBER IS AND APPL 15, BOTH TEMPORARY AND PERMANENT ERSONO CONTROL PLANS SHALL BE SIGNITIED FOR BENNE AND APPROVAL ALLON WITH THE GRADING PLAN PERMANENT ERSONO CONTROL MEASURES SHALL INCLIDE TREATMENT ALL GRADED SLOPE'S WITHIN 60 DAYS OF COMPLETION OF GRADING. ERSONO CONTROL MEASURES SHALL BE INSTALLED PROFIT TO OCTOBER 15.

EARTHWORK AND GRADING NOTES

1. NO CLASSFICATION OF MATERIAL TO BE EXCAVATED IS MADE WITH THESE PLANS AND SPECIFICATIONS. EXCAVATION SHALL NOLLDE THE REMOVAL AND SUBSEQUENT HANDLING OF ALL EARTH, GRAVEL, ROCK, OR OTHER MATERIAL RENCOLUMENTED RESPONDED. SET OF THE PS. CHARACTER, COMPOSITION, OR CONDITION OF THE MATERIAL IN ACCORDANCE WITH THESE NOTES AND APPLICABLE LAWS AND CODES.

2. CRAIND — THEN ERACES AND DISTING OR NATIONAL CROSS. ARE INJUSTED ON THE FLAVE. THE CONTRACTOR SHALL (DATE OF DISTINCTION CHIEFE YOUR PLEET OF THE TEXT OF THE DISTINCTION CHIEFE YOUR PLEET OF THE STEET ORDING. TO THE ELEVATIONS ONCO, OR OTHER AND TODGES MATERIAL WHO WAS TRACTOR OF THE STEET ORDING. TO THE ELEVATIONS ONCO, OR OTHER AND TODGES MATERIAL WHO WAS TRACTOR.

EROSION AND DUST CONTROL NOTES

THE OWNER AND CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL ADEQUATE DUST CONTROLS MEASURES
ARE IMPLEMENTED IN A TIMELY MANNER DURING ALL PHASES OF PROJECT DEVELOPMENT AND CONSTRUCTION.

TO ALL MATERIAL EXCAVATED, STOCKPLED, OR GRADED SHALL BE SUFFICIENTLY WATERED, TREATED, OR COVERED TO PREVENT DUST FROM LEAWNG THE PROPERTY BOUNDARDS AND CAUSING A PUBLIC MUSIANCE OR A MULLION OF AN AMBENT AR STANDARD, WATERING SHOULD OCCUR AT LEAST TWICE DALLY, WITH COMPLETE SHE COVERAGE.

1b. ALL LAND CLEARING, GRADING EARTH MOVING, OR EXCAVATION ACTIVITIES ON THE PROJECT SHALL BE SUSPENDED AS NECESSARY TO PREVENT EXCESSIVE WINDBLOWN DUST WHEN WINDS ARE EXPECTED TO EXCEED 20

Ic. ALL NACTIVE PORTIONS OF THE DEVELOPMENT SITE SHALL BE COVERED, SEEDED, OR WATERED UNITE A SUITABLE CORER IS ESTABLISHED. ALTERNATIVELY, THE OWNER, OR COMMISCIONS SHALL BE RESPONSIBLE FOR APPLIENCE OF THE PROVINCE OF THE OWNER OWNER OWNER. THE OWNER OWNER.

1d. ALL AREAS WITH VEHICLE TRAFFIC SHALL BE WATERED OR HAVE DUST PALLIATIVE APPLIED AS NECESSARY FOR REGULAR STABILIZATION OF DUST EMISSIONS.

1e. ALL MATERIAL TRANSPORTED OFF-SITE SHALL BE EITHER SUFFICIENTLY WATERED, OR SECURELY COVERED TO PREVENT PUBLIC NUISANCE.

1f. PAVED STREETS ADJACENT TO THE PROJECT SHALL BE SWEPT OR WASHED AT THE END OF EACH DAY, OR AS REQUIRED TO REMOVE EXCESSIVE ACCUMULATIONS OF SLIT AND/OR MUD WHICH MAY HAVE RESULTED FROM ACTUMIES AT THE PROJECT STREET.

1g. NO BURNING OF WASTE MATERIAL OR VEGETATION SHALL TAKE PLACE ON-SITE.

2. F PREMARKET EROSONE CONTROL MEASURES ARE NOT INSTALLED BY OCTOBER 15 OF CONSTRUCTION SEASON. TEMPORARY MEASURES, SUCH AS STRAM BALE SEGMENT REMOVES, CHECK DAMS, STOUGHT THATE SHE INSTALLED IN ACCIDENCE WITH THE SHEPP. THESE MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUS CONSTRUCTION. BID DOCUMENT

ENGINEERING DIVISION
CITY OF GRASS VALLEY
GRADING AND IMPROVEMENT PLANS FOR
NEVADA COUNTY COMMONS RESOURCE CENTER

JASON BARNUM

PROJECT ENGINEER: ACCEPTED BY:

| 238LD-0672 | 75378 | 764 | 765 | 764 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 765 | 7

CIVIL IMPROVEMENT PLANS
DA COUNTY COMMONS RESOURCE CENT
NOTES

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GRASS VALLEY (530) 272-5841 TRUCKEE (530) 582-4043

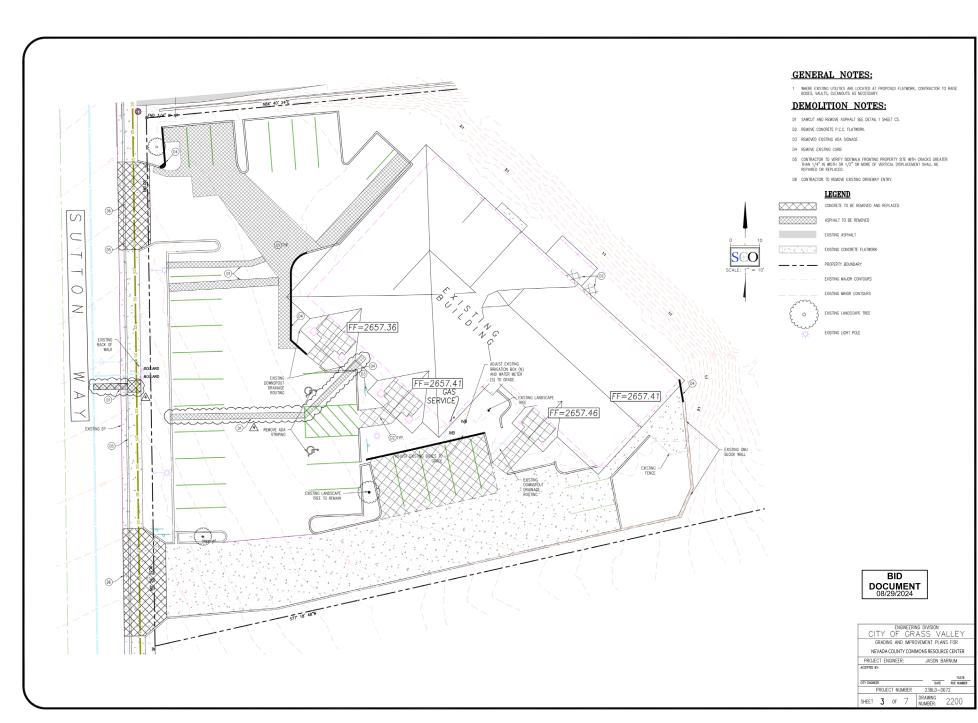
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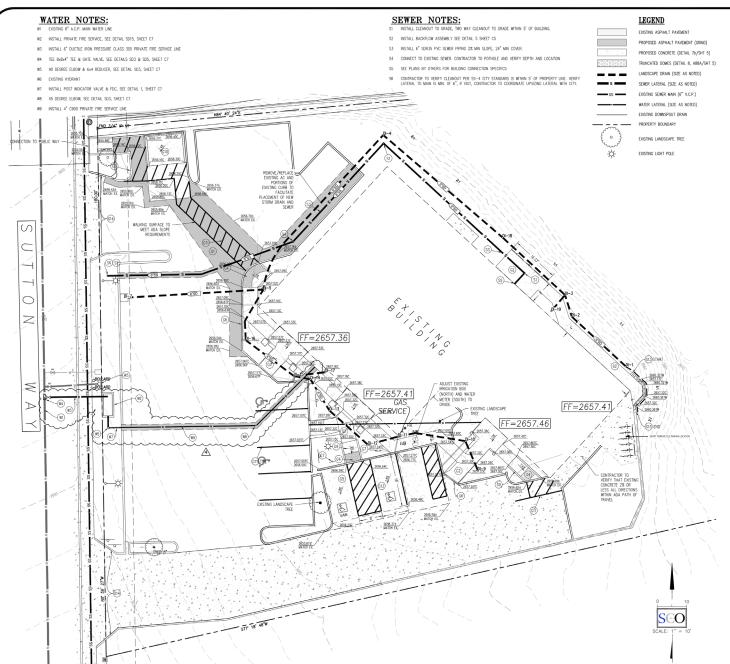
CIVIL IMPROVEMENT PLANS
NEVADA COUNTY COMMONS RESOURCE CENTER
EXISTING TOPOGRAPHY & DEMOLITION PLAN

Section - Sales - Sale

GRASS VALLEY (530) 272-5841 TRUCKEE (530) 582-4043



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DRAINAGE NOTES:

- . LANDSCAPE DRAIN LOCATIONS AND INVERTS ARE APPROXIMATE. CONTRACTOR TO FIELD DETERMINE LANDSCAPE DRAINAGE ROUTING TO BEST AVOID EXISTING LANDSCAPING AND UTILITIES.
- LANDSCAPE DRAIN PIPING SHALL HAVE MINIMUM 0.5% SLOPE AND 6" OF COVER WHEN IN LANDSCAPE AREAS.
- LANDSCAPE DRAIN PIPING SHALL HAVE MINIMUM 1.5' OF COVER WHEN INSTALLED UNDER PAVEMENT (1' WITH SLURRY CAP, SEE DETAIL 3 SHEET CB).
- 4. CONNECT EXISTING ROOF DOWNSPOUTS INTO LANDSCAPE DRAIN SYSTEM.
- 5. LANDSCAPE DRAINS SHALL BE PLACED SLICH THAT SURROUNDING LANDSCAPING DRAINS INTO SYSTEM
- 6. LANDSCAPE DRAINAGE SHALL HAVE MIN. 2' HORIZONTAL AND 1' VERTICAL CLEARANCE <u>OVER</u> SEWER

GRADING NOTES:

- GI NEW ASPHALT PAVEMENT PER DETAIL 1. REPLACE ASPHALT TO MINIMUM THICKNESS (DETAIL 7a/SHEET 5).
- G2 INSTALL CONCRETE FLATWORK (DETAIL 9/SHEET C5).
- G3 CRACK CONTROL JOINTS TO BE PROVIDED EVERY 8' MAX. (TYPICAL)
- G4 INSTALL TRUNCATED DOMES (DETAIL 8, A88A/SHEET C5).
- G5 STRIPE ADA PARKING AREA PER DETAIL 6/SHEET C5.
- G6 CONSTRUCT CONCRETE CURB SHOWN PER DETAIL 4, SHEET C5, MATCH EXISTING BATTER WIDTH.
- G7 INSTALL ADA PARKING SIGNAGE/VERIFY THAT EXISTING SIGNAGE MATCHES DETAIL 2 AND 3, SHEET C5.
- G8 EXISTING LANDSCAPE AREA
 - INSTALL CASE 'F' CURB RAMP PER DETAIL A88A SHEET C5. EXISTING CURB TO BE SAW CUT & REMOVED
- G10 INSTALL TRASH ENCLOSURE CONCRETE SECTION PER DETAIL 10 SHEET C5
- 11 INSTALL 4" WHITE STRIPING
- G12 INSTALL REINFORCED CONCRETE FLATWORK (DETAIL 7B/SHEET C5), OR MATCH EXISTING SECTION WHICHEVER IS GREATER.
- G13 INSTALL KEYSTONE BLOCK WALL TO GRADES SHOWN 4' MAX HEIGHT SEE DETAIL 4 SHEET C6

STORM DRAIN STRUCTURE TABLE

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	31	DIVIN DIVINIO MUNO	JUIUNE IABLE
NAME:	PIPES IN:	PIPES OUT	DETAILS
DI-1		6" INV OUT =2655.50	INSTALL 6" DIA LANDSCAPE DRAIN WITH ATRIUM GRATE SEE DETAIL 1 SHEET 6
DI-2	6" INV IN =2655.37	6" INV OUT =2655.27	INSTALL 6" DIA LANDSCAPE DRAIN WITH ATRIUM GRATE SEE DETAIL 1 SHEET 6
D(-3	6" INV IN =2655.23 4" INV IN =2655.23	6" INV OUT =2655.13	INSTALL 6" DIA LANDSCAPE DRAIN WITH ATRIUM GRATE SEE DETAIL 1 SHEET 6
DI-4	6" INV IN =2654.62	6* INV OUT =2654.52	INSTALL 6" DIA LANDSCAPE DRAIN WITH ATRIUM GRATE SEE DETAIL 1 SHEET 6
DI-5	6" INV IN =2654.04 4" INV IN =2654.04	8" INV OUT =2653.94	INSTALL 18" DIA LANDSCAPE DRAIN WITH ATRIUM GRATE SEE DETAIL 1 SHEET 6
DI-7	8" INV IN =2652.60		INSTALL 24" SQUARE DRAINAGE INLET/BUBBLEF W/ TRAFFIC/BICYCLE PROOF GRATE SEE DETAIL 2 SHEET 6
DI-9		4" INV OUT =2655.44	INSTALL 6" DIA LANDSCAPE DRAIN WITH ATRIUM GRATE SEE DETAIL 1 SHEET 6
DI-10	4" INV IN =2655.39	4" INV OUT =2655.29	INSTALL 6" DIA LANDSCAPE DRAIN WITH ATRIUM GRATE SEE DETAIL 1 SHEET 6
DI-11	4" INV IN =2655.07	4* INV OUT =2654.97	INSTALL 6" DIA LANDSCAPE DRAIN WITH ATRIUM GRATE SEE DETAIL 1 SHEET 6
DI-12	4" INV IN =2654.88	4" INV OUT =2654.78	INSTALL 6" DIA LANDSCAPE DRAIN WITH ATRIUM GRATE SEE DETAIL 1 SHEET 6
DI-13	4" INV IN =2654.70	4* INV OUT =2654.60	INSTALL 6" DIA LANDSCAPE DRAIN WITH ATRIUM GRATE SEE DETAIL 1 SHEET 6
DI-14	4" INV IN =2654.54	4" INV OUT =2654.44	INSTALL 6" DIA LANDSCAPE DRAIN WITH ATRIUM GRATE SEE DETAIL 1 SHEET 6
DI-15	4" INV IN =2654.41 4" INV IN =2654.41	4" INV OUT =2654.31	INSTALL 6" DIA LANDSCAPE DRAIN WITH ATRIUM GRATE SEE DETAIL 1 SHEET 6
DI-16	4" INV IN =2654.22	4" INV OUT =2654.12	INSTALL 6" DIA LANDSCAPE DRAIN WITH ATRIUM GRATE SEE DETAIL 1 SHEET 6
DI-17		4* INV OUT =2654.46	INSTALL 6" DIA LANDSCAPE DRAIN WITH ATRIUM GRATE SEE DETAIL 1 SHEET 6
DI-18	6" INV IN =2654.99	6" INV OUT =2654.89	INSTALL 6" DIA LANDSCAPE DRAIN WITH ATRIUM GRATE SEE DETAIL 1 SHEET 6
DI-19		4" INV OUT =2655.27	INSTALL 6" DIA LANDSCAPE DRAIN WITH ATRIUM CRATE SEE DETAIL 1 SHEET 6

BID DOCUMENT 08/29/2024

ENGINEERING DIVISION
CITY OF GRASS VALLEY
GRADING AND IMPROVEMENT PLANS FOR
NEVADA COUNTY COMMONS RESOURCE CENTER

JASON BARNUM

PROJECT ENGINEER:

CITY ENGIN	EER			DATE	75378 ROE NUMBER
	PROJE	CT NU	JMBER	23BLD-0	672
SHEET	4	OF	7	DRAWING NUMBER:	2200

CIVIL IMPROVEMENT PLANS COUNTY COMMONS RESOURCE CENTER GRADING AND DRAINAGE PLAN

SS VALLEY

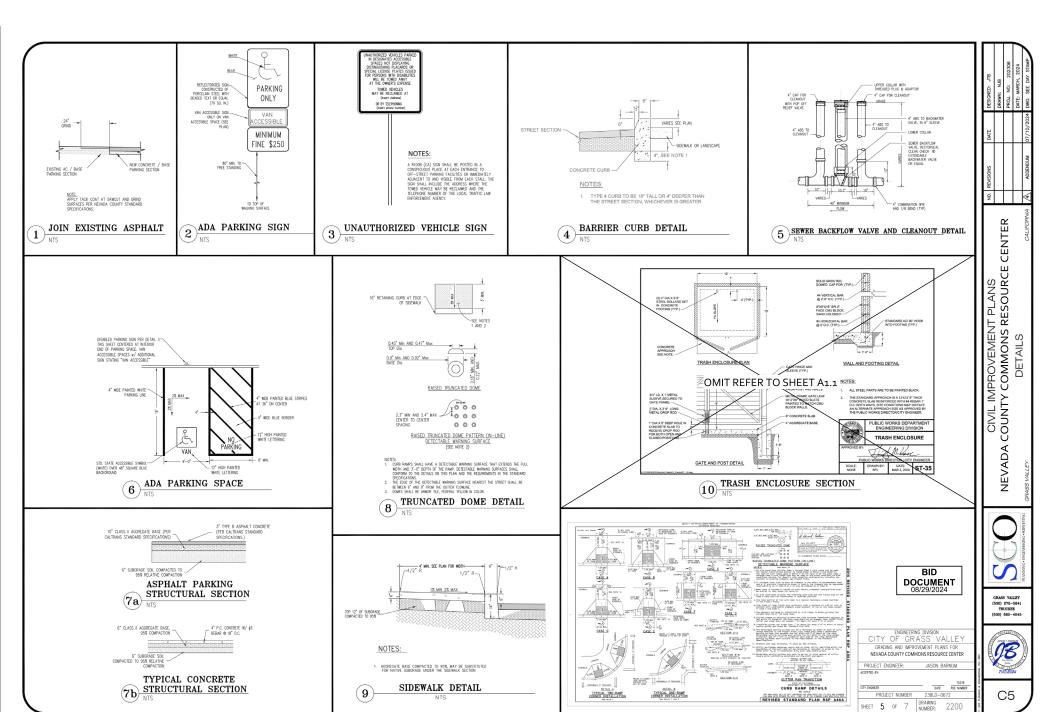


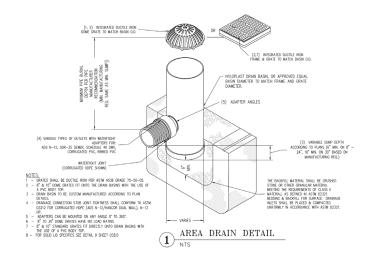
NEVADA

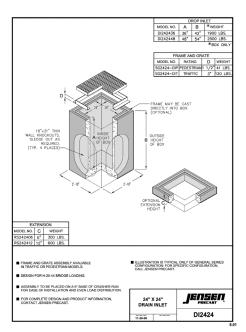
GRASS VALLEY 530) 272-5841 TRUCKEE 530) 582-4043



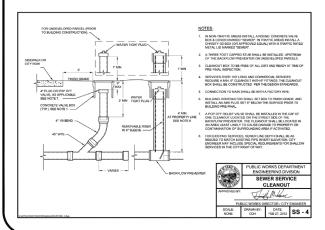


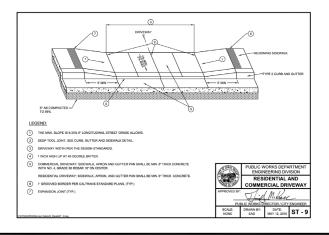






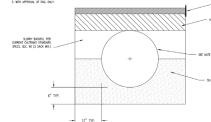
24"X24" DRAINAGE INLET



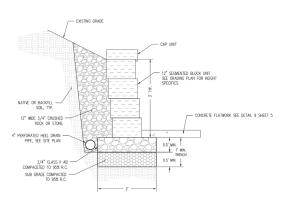




1. PROVIDE MIN. COVER SUCH BAT FILL RESION AC, LAVER PROVIDED AND AT LEAST 0.00 FT. OF AB. TO ALLINE FOR GROUNDARDER FLOW OVER PROC. (LE. TO PREVENT HOROSTATIC PRESSURE BUILD-UP LUKEEP PANSBELT). E. F. CONSETTE BOOKON. TO PIPE S. A CONCESTE, WARP DETIRE PIPE WITH CODICINEE, FILER FARICE TO FREVENT BONGON. 2. MITH APPROVINCE OF DISC. ONLY.



SLURRY CAP DETAIL



(4) KEYSTONE LANDSCAPE WALL



CITY OF GR	ASS VALLEY
	OVEMENT PLANS FOR
NEVADA COUNTY COM	MONS RESOURCE CENTER
PROJECT ENGINEER:	JASON BARNUM
ACCEPTED BY:	
	75378
CITY ENGINEER	DATE RCE NUMBER
PROJECT NUMBER	23BLD-0672
SHEET 6 OF 7	DRAWING NUMBER: 2200

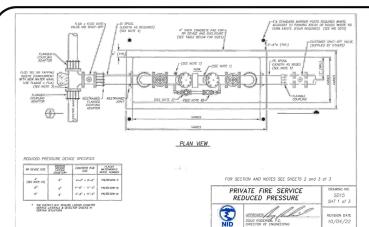
ENGINEERING DIVISION

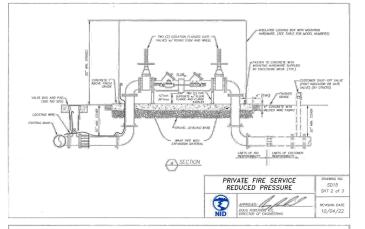
CENTER CIVIL IMPROVEMENT PLANS COUNTY COMMONS RESOURCE DRAINAGE / WALL DETAILS NEVADA

GRASS VALLEY (530) 272-5841 TRUCKEE (530) 582-4043



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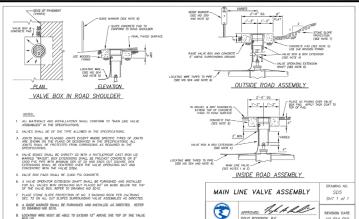
- REDUCED PRESSURE DEVICE SHALL BE WATTS LF957-RPDA-OSY-LM (3" TO 10") OR AMES LFC500-RPDA-OSY-LM.
- 2. THE WEITER SHALL BE PURCHASED THROUGH AND INSTALLED BY THE OFSTREET.

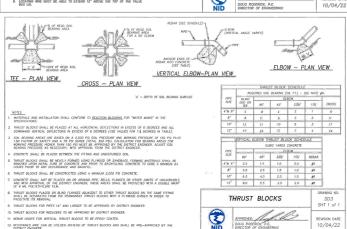
 3. HOT TARPHING OF MAINS MAY BE ALLORED FOR LATERALS NOT EXCEDING 725 OF THE DAMETER OF THE MAIN, HOT TARPHING ON AC OR CAST IRON PIPES NOT. APPRIOUSE DUCKES PRIOR APPROVED BULKES PRIOR APPRO
- LATERALS SHALL BE DUCTILE IRON PIPE WITH CEMENT MORTAR LINING, MECHANICAL JOINTS AND RETAINER RINGS. THE LATERAL SHALL PROVIDE POSITIVE RESTRAINT BETWEEN THE WATER MAIN AND THE CUSTOMER PIPE.
- 5. FLANGED JOINTS CAN REPLACE MECHANICAL JOINTS WITH PRIOR DISTRICT APPROVAL
- 6. ALL MATERIALS AND WORK SHALL CONFORM TO NO STANDARD SPECIFICATIONS. PROVIDE SUBMITTALS ON ALL MATERIALS AND EQUIPMENT. 7. LODGING TEST COCK SHALL BE WIELLER B-2020, FORD BHIT-23 OR APPRIVED EQUIPMENT FOR B" OR LANGER. 8. METER OFFICE VALVE SHALL BE FASS ZEM OM MODE. SHOWN N THE TRADE BELOW.

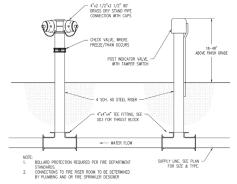
- LOCATE CONCRETE PAD ON APPLICANT'S PROPERTY, PAD WILL NOT BE ALLOWED WITHIN COUNTY RIGHT OF WAY, APPLICANT SHALL GRANT AN EASEMENT TO NID FOR OPERATION, MAINTENANCE AND REPLACEMENT.
- 10. FOR 4" FIRE SERVICES, INSTALL A 6"x 4" REDUCER UPSTREAM OF ENCLOSURE

SIZE	MAKE	MODEL
%"	WATTS	LF009M3Q7
371	WATTS	LF009M2-07
195"	WATTS	LF009M2-QT
2"	WATTS	LF009M2-Q1
3"-10"	WATTS	LF909-DNRS

	VATE FIRE SERVICE EDUCED PRESSURE	SD15 SHT 3 of 3
₹	APPROVED: DOUG RODERICK, R.E. DIRECTOR OF ENGINEERING	REVISION DATE 10/04/22







FIRE DEPARTMENT CONNECTION DETAIL (1)

BID DOCUMENT 08/29/2024



					75378
CITY ENGIN	EER			DATE	RCE NUMBER
	PROJE	CT N	JMBER	23BLD-0	672
SHEET	7	OF	7	DRAWING NUMBER:	2200

CENTER CIVIL IMPROVEMENT PLANS OUNTY COMMONS RESOURCE WATER DETAILS Ũ VADA



GRASS VALLEY (530) 272-5841 TRUCKEE (530) 582-4043



(E) BLDG FOOTPRINT 6 **NO CHANGES** 7 1" = 10'-0"

LEGEND

CONCRETE FLATWORK

—ADA——ADA— ACCESSIBLE PATH OF TRAVEL BETWEEN PUBLIC WAY AND BUILDING ENTRY.

CURB/PLANTER WALL TYPES:

MATERIAL: CAST-IN-PLACE CONCRETE
FINISH: REFER TO DETAIL
HEIGHT: REFER TO DETAIL
WIDTH: 6-INCHES

BUILDING ENTRANCE AND ACCESSIBILITY SIGNAGE

ISA

☑ INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN, REFER TO: 4 / A3.0

AP

ACCESSIBILE PARKING SIGN, REFER TO: 15 / A1.1

PARKING CALCULATION

BUILDING AREA IN FRONT: 1ST FLOOR OFFICE:

CALCULATION: 6076 / 250 = 24 REQUIRED STALLS FOR OFFICE USE

ACCESSIBLE PARKING SUMMARY

2 TOTAL PARKING STALLS 1 ACCESSIBLE SPACES REQUIRED (PER TABLE 11B-208.2)

GENERAL NOTES

- ACCESSIBLE PATH OF TRAVEL IPOTI AS INDICATED ON PLANS A BARRIER-FREE
 ACCESSIBLE PATH OF TRAVEL IPOTI AS INDICATED ON PLANS A BARRIER-FREE
 ACCESSIBLE PATH OF TRAVEL IPOTI AS INDICATED ON PLANS A BARRIER-FREE
 ACCESSIBLE STATE OF THE ACCESSION OF THE ACCESSION AND ACCESSION ACCESSION AND ACCESSION ACCESSION AND ACCESSION ACCESSION

SHEET NOTES

- PROPERTY LINE LOCATION
 FRONT YARD BTL SETBACK: 101
 (E) TREE LOCATION
 (E) CONCRETE CURB
 (E) CONCRETE FLATWORK
 (E) PARKING STALLS
 (E) PARKING LOT LIGHT LOCATION
 (N) TRASH AND RECYCLING BINS
 OF ACCESSED E BADWING ELECT
- (N) ACCESSIBLE PARKING SIGN (N) CURB RAMP LOCATION (N) CROSS WALK LOCATION

KEYNOTES



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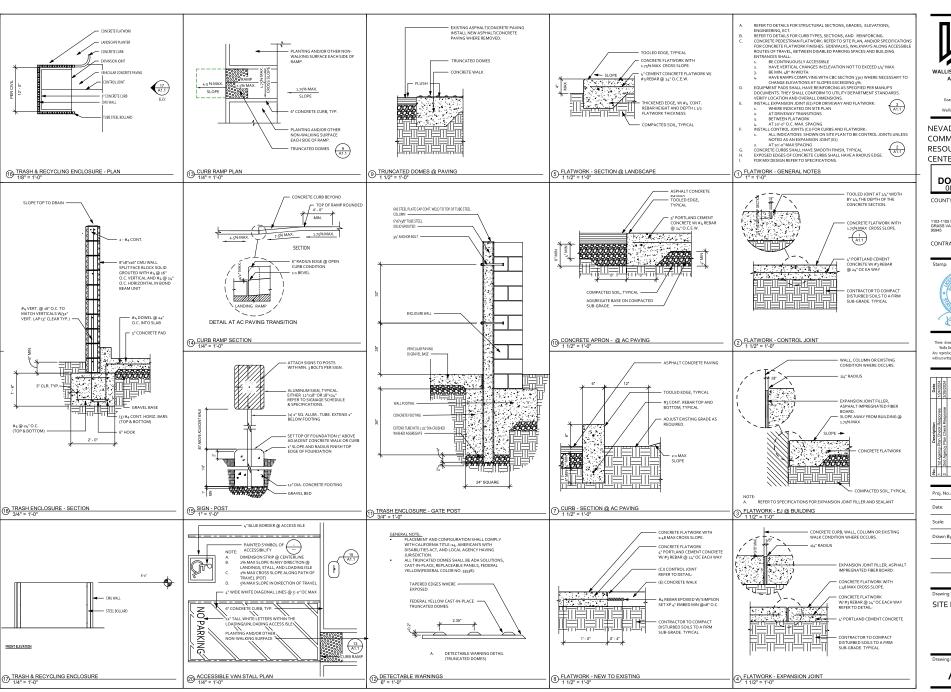


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Drawing Title:

A1.0

SITE PLAN





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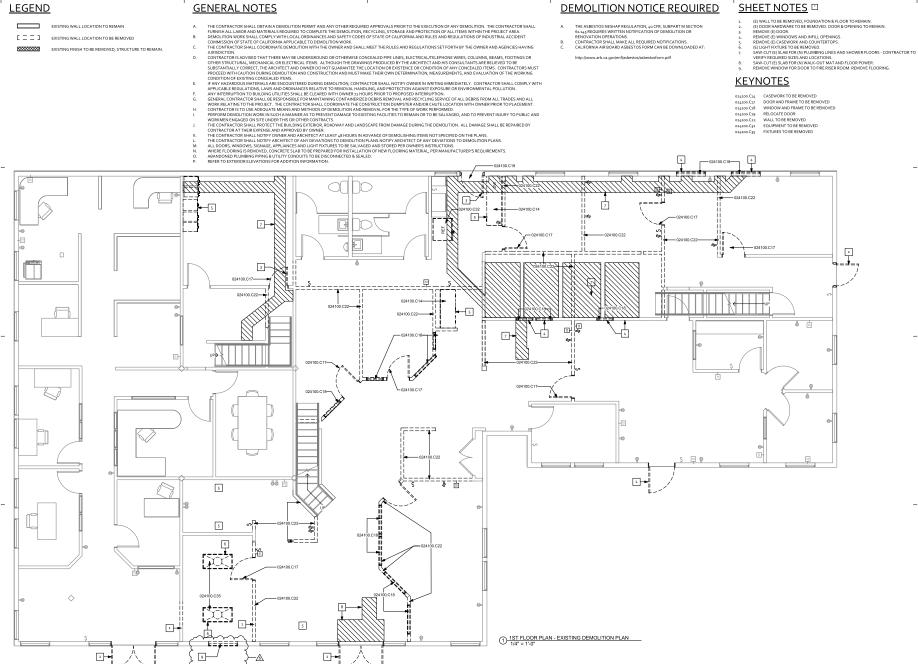
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Drawing Title SITE DETAILS

A1.1



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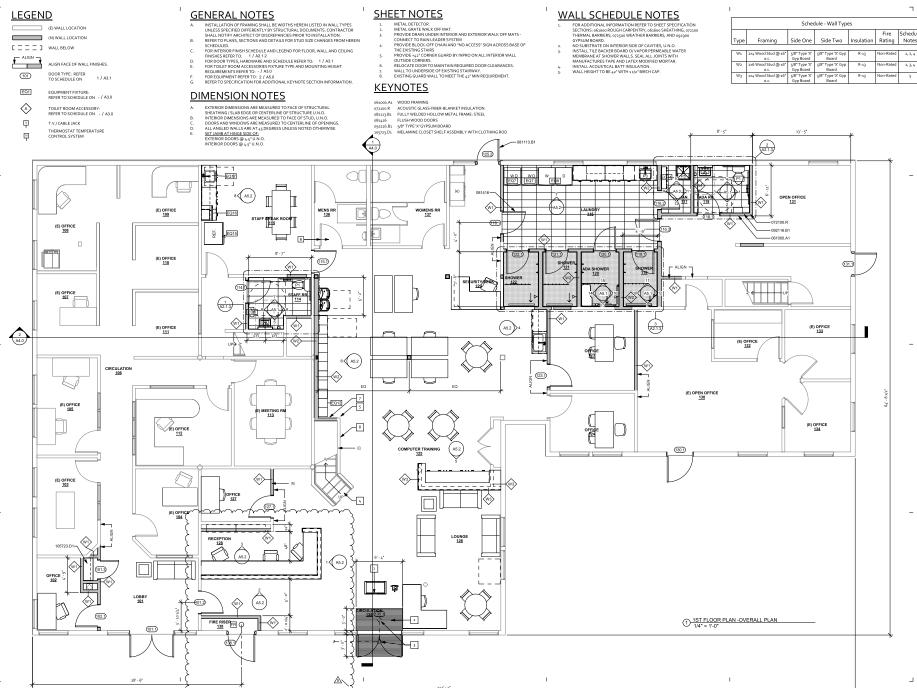


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Proj. No.: 2022011 Date: 08/29/2024 1/4" = 1'-0"

Drawing Title: **EXISTING DEMOLITION** PLAN - FIRST **FLOOR**



Side Two Insulation Rating Notes

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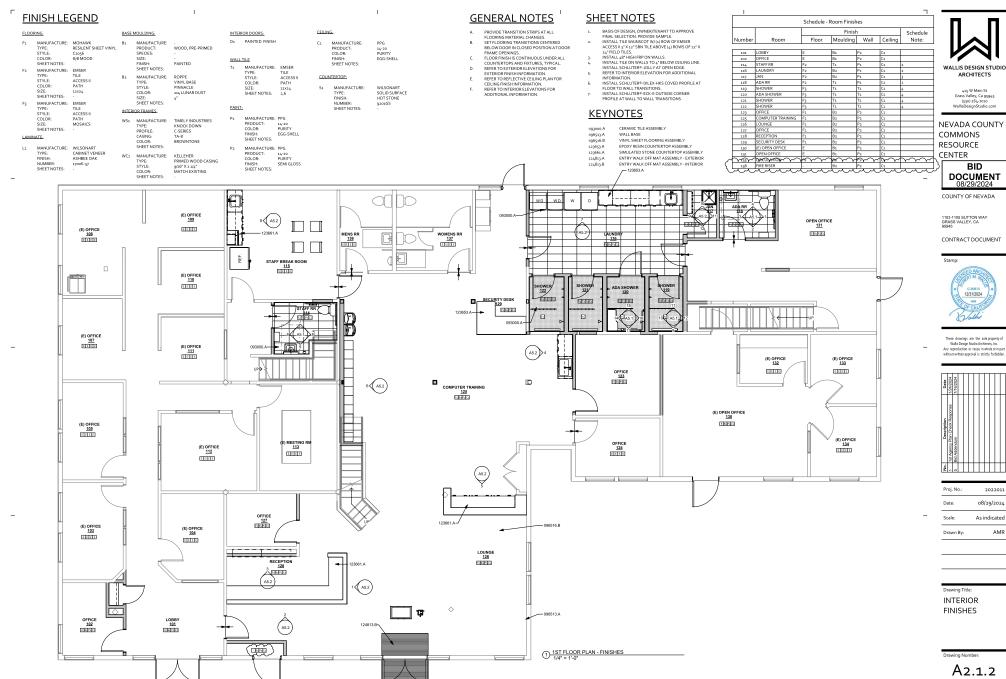
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Proj. No.: 2022011 Date: 08/29/2024

Drawing Title: FLOOR PLAN **OVERALL**

A2.1.1







2022011 08/29/2024 As indicated

KEYNOTES

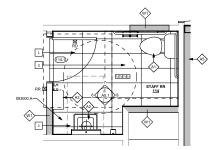
 093000.A
 CERAMIC TILE ASSEMBLY

 102316.A
 SHOWER CURTAIN AND ROD

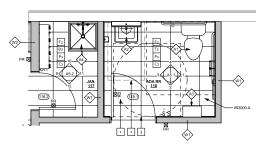
 224000.G7
 SHOWER LINEAR TROUGH DRAIN

SHEET NOTES:

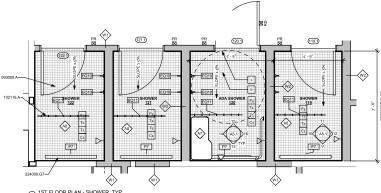
- 60" TURNING RADIUS
 30" x.8" CLEAR SPACE CENTERED ON LAVATORY
 54" x60" DOOR CLEARANCE
 56" x.60" WATER CLOSET CLEARANCE
 36" x.40" DOOR CLEARANCE
 36" x.40" DOOR CLEARANCE
 36" x.60" SHOWER CLEARANCE



1ST FLOOR PLAN - STAFF RR



2 1ST FLOOR PLAN - ADA RR, TYP. 1/2" = 1'-0"



3 1ST FLOOR PLAN - SHOWER, TYP. 1/2" = 1'-0"

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Proj. No.: 2022011 08/29/2024 Date: 1/2" = 1'-0"

Drawing Title: **ENLARGED**

PLANS

A2.1.3

LEGEND

EXISTING WALL LOCATION TO REMAIN

[☐ ☐] EXISTING WALL LOCATION TO BE REMOVED

EXISTING FINISH TO BE REMOVED, STRUCTURE TO REMAIN

GENERAL NOTES

- THE CONTRACTOR SHALL OBTAIN A DEMOLITION PERMIT AND ANY OTHER REQUIRED APPROVALS PRIOR TO THE EXECUTION OF ANY DEMOLITION. THE CONTRACTOR SHALL FURNISH ALL LABOR AND MATERIALS REQUIRED TO COMPLETE THE DEMOLITION, RECYCLING, STORAGE AND PROTECTION OF ALL TEMS WITHIN THE PROJECT AREA. DEMOLITION WAS REVEALED COMPLETED AND A STRETY COEDS OF STATE OF CALEFORNIA AND RULLES AND REQUILATIONS OF ROUSELATIONS CONTRACTORY ACCORDATION OF THE CONTRACTOR STATE OF CALEFORNIA AND RULLES AND REQUILATIONS OF ROUSELATIONS OF THE OFFICE ACCOUNTS AND A STRETY OF THE CONTRACTOR STATE OF CALIFORNIA APPLICABLE TO DEMOLITION WITH THE OWNER AND SHALL MEET THE RULES AND REGULATIONS SET FORTH BY THE OWNER AND A GENCIES HAVING
- COMMISSION OF STATE OF CALFORNIA APPLICABLE TO DEMOLITION WORK.

 HE CONTRACTOR SHALL CONTRIVEN EDMOLITION WITH CONTRACTOR SHALL MREET THE RILES AND REGULATIONS SET FORTHER THE OWNER AND AGENCES HAVING THE CONTRACTOR SHALL CONTRIVEN EDMOLITION WITH THE OWNER AND AGENCES HAVING THE CONTRACTOR SHALL CONTRIVEN EDMOLITION OF THE STRUCTURE AGENCIES AND SECOND THE STRUCTURE CONTRACTOR SHALL CONTRIVEN EDMOLITION OF THE STRUCTURE OF THE AGENTET AND BE SELECTED TO BE SUBSTANTIALLY COMPLETE. THE AGENTET AND SHALL CONTRIVEN MUST CONTRIVEN MUST CONTRIVEN WITH A CONTRIVEN EDMOLITIC CONTRIVEN EDMOLITIC CONTRIVEN MUST CONTRIVEN EDMOLITIC CONTRIVEN EDMOLITIC CONTRIVEN MUST CONTRIVEN MUST CONTRIVEN EDMOLITIC CONTRIVEN EDMO

DEMOLITION NOTICE REQUIRED

- 024100.C22 WALL TO BE REMOVED
- THE ASBESTOS NESHAP REGULATION, 40 CFR, SUBPART M SECTION 61.145 REQUIRES WRITTEN NOTIFICATION OF DEMOLITION OR RENOVATION OPERATIONS.
- CONTRACTOR SHALL MAKE ALL REQUIRED NOTIFICATIONS.

 CALIFORNIA AIR BOARD ASBESTOS FORM CAN BE DOWNLOADED AT:

http://www.arb.ca.gov/enf/asbestos/asbestosform.pdf

KEYNOTES

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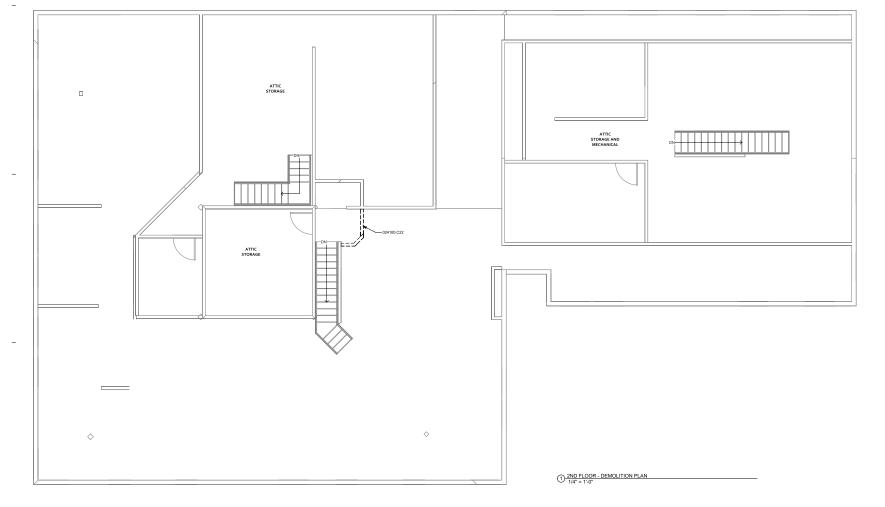


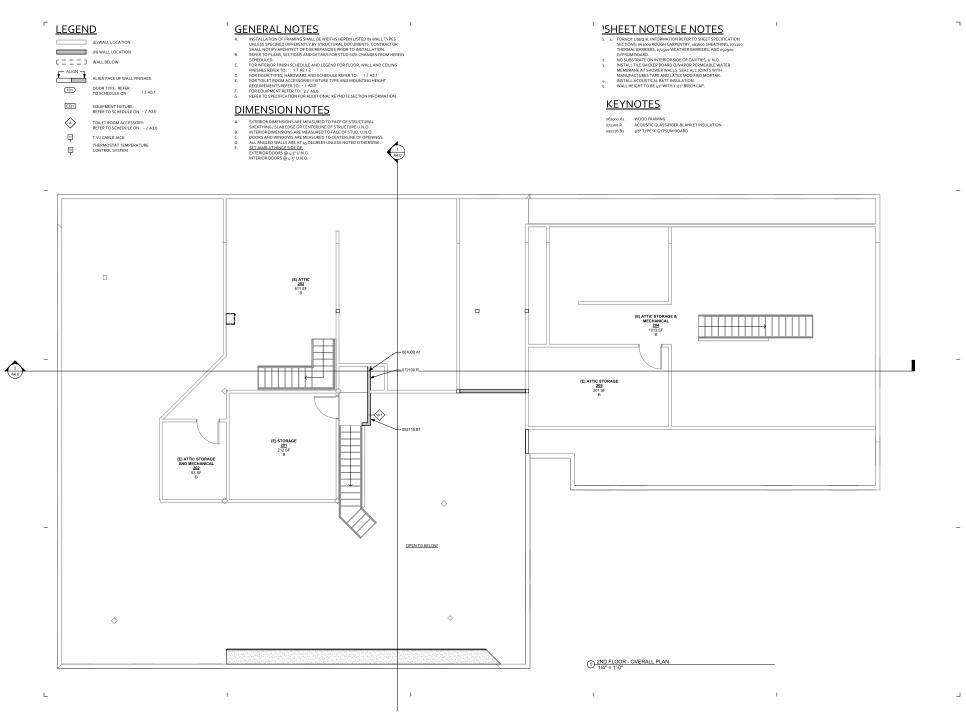
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Proj. No.: 2022011 Date: 08/29/2024 1/4" = 1'-0"

Drawing Title: **EXISTING DEMOLITION** PLAN SECOND FLOOR







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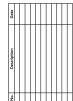
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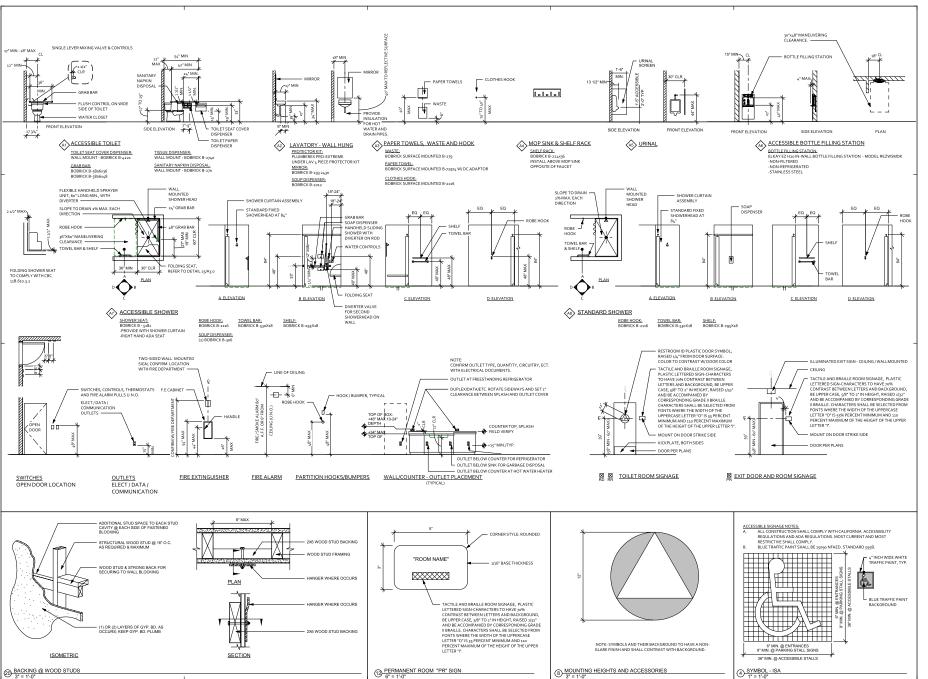
Proj. No.:	2022011
Date:	08/29/2024
Scale:	1/4" = 1'-0"
D D	AMD

Drawing Title:
SECOND FLOOR
PLAN OVERALL

Drawing Number

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A2.2.1





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Proj. No.: 2022011 Date: 08/29/2024 Scale: As indicated RMW

Drawing Title MOUNTING **HEIGHTS AND**

ACCESSORIES

A3.0

LEGEND

GLAZING TYPES

2"-INCH INSULATED UNIT
EXTERIOR LITE: LoE2-360
AIR SPACE: AIR
INBOARD LITE: CLEAR

1/4" CLEAR TEMPERED GLASS

"C" 1/2" CLEAR TEMPERED GLASS

"T" DENOTES TEMPERED GLAZING, TYPICAL

"L" DENOTES LAMINATED GLAZING, TYPICAL

DOOR NOTES NOTE

EXISTING DOORS

INSTALL LEVER HARDWARE AT ALL EXISTING DOORS

GENERAL NOTES

FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
FOR RESTROOM SIGNAGE REQUIREMENTS, REFER TO DETAIL 18/14,2
ALL DOORS AND ARROWADE SHALL BE RISTALLE IN STRICT COMPLIANCE WITH CALIFORNIA CODE OF
REGULATIONS TITLE 24 (ACCESS CODE) AND THE FEDERAL AMERICANS WITH DISABILITIES ACT GUIDELINES

(ADAMS).

EDIT TOORS SHALL BE ABLE TO BE OPENED FROM THE MISSING WITHOUT THE USE OF AKEY OR ANY SPECIAL MOVELEDGE OF RETORY.

FROM THE ABLE TO BE OF THE MEDICAL SHALL NOT EXCEED, USE FOR EXTERIOR DOORS AND LISE FOR INTERIOR DOORS AND LISE FOR THE MEDICAL PRICE FOR THE MEDICAL PRI

ALL PROMOTIVE CHARLE LEVEN I FEVE VINNEL. I FERMIONI THOUGH IN THOSH IN MAY LEVEN IN THE SPECIFICATION AND SHALL BE MOUNTED NOT LESS THAN 34," OR HIGHER THAN 44," ABOVE FINISHED FLOOR.

DOOR CLOSER SHALL BE ADJUSTED SUCH THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE A MINIMUM OF THESE SECONDS TO MOVE? \$ FROM THE LEATH MEASURED FROM THE LEADING EDGE OF THE DOOR.

RATED DOORS CAN BE UNDERCUT A MAXIMUM OF 34," PER NEPA80 4, 8, 4, 1, BUT SHALL BE 14," UNLESS APPROVED.

MAILD LOUDIS AND SECURISMS. THE SEAR AND APPROVIDED "S" PART TO LABEL, PER CRESECTION 1003, 34,32 M. THE ONLINE OF THE MANUEL PROMES SHALL BERRAN APPROVIDED "S" PART TO LABEL, PER CRESECTION 1003, 34,32 M. THE NAME OF THE MANUEL PROMES SHALL BE S

OF CBC 1008.

RATED ASSEMBLIES SHALL HAVE TIGHT-FITTING SMOKE AND DRAFT CONTROL WHEN TESTED IN ACCORDANCE

WITH CBC SECTION 735.
SAFETY GLAZING SHALL BE PROVIDED AS NOTED HEREIN, AND IN COMPLIANCE WITH THE CALIFORNIA BUILDING

CODE SECTION 2406.
PROVIDE MINIMUM 20* SOLID KICKPLATE PANEL AT ALL HINGED DOORS U.N.O. PER SECTIONS 2004.8.2, TITLE 24.

HARDWARE GROUPS

DOOR HARDWARE
REFER TO SPECIFICATIONS
RIODES STYLE - COLOR: SATIN CHROME (MATCH EXIST)
ELECTRIC STRIKES ON DOORS THAT HAVE CARD READERS-MFR: HID
CARD ACCESS SYSTEM MER: AVIGILON

01 - OFFICES:
SCHLAGE ENTRY, ND93BD-RHO-626
(1) LEVER LOCK SET
(1) DOOR STOP
(3) 4 12 HINGES
(1) GASKETING (HEAD AND JAMB)

02 - CONFERENCE ROOMS: SINGLE

LAGE PASSAGE, NDJ.o-RHO-626
(1) LEVER PASSAGE SET
(1) DOOR STOP
(3) 4 1/2 HINGES
(1) GASKETING (HEAD AND JAMB)
(1) KICK PLATE

o3 - RESTROOM AND SHOWER: SINGLE SCHLAGE PRIVACY, ND40-RHO-626 • (1) LEVER PRIVACY LOCK • (1) DOOR STOP

(3) 4 1/2 HINGES (1) GASKETING (HEAD AND JAMB) (1) CLOSURE

o4 - STORAGE: SCHLAGE STOREROOM, ND8oPD-RHO-626 • (1) LEVER STOREROOM LOCK SET • (1) DOOR STOP • (3) 4 1/2 HINGES

OS - EXT: SINGLE SUBSACE MOUNT,
MAGE, EVIT DEVICE SUBSACE MOUNT,
MAGE, EVIT DEVICE WITH CHROME FINDER WITH
EXTERIOR LEVER AND KEYWAY

OLI LEVERSET

OLI LEVERSET

OLI CLOSER

o6 - EXIT; DOUBLE
HAGER, EXIT DEVICE, SURFACE MOUNT, 4590
SERIES, SANT ON HONDE FINISH WITH EXTER!
PULL AND KEYWAY
2) RIM WOUNTED EXIT DEVICE
(1) MULIT POINT LOCKING SYSTEM
(2) PULL
(2) CLOSER

(6) 4 1/2 HINGES (2) KICK PLATE (2) KICK PLATE
(1) LOCKSET
(1) GASKETING (HEAD AND JAMB)
(1) THRESHOLD
(1) ELECTRIC STRIKE
(1) CARD ACCESS DEVICE

07 - CIRCULATION HAGER, EXIT DEVICE, SURFACE MOUNT, 4500 SERIES, SATIN CHROME FINISH WITH EXTERIOR LEVER AND KEYWAY

(1) RIM MOUNTED EXIT DEVICE (1) LEVERSET (1) CLOSER

(1) CLOSER
(3) 4,1/2 HINGES
(1) KICK PLATE
(1) GASKETING (HEAD AND JAMB)
(1) ELECTRIC STRIKE
(1) CARD ACCESS DEVICE

SHEET NOTES

KEYNOTES

WOOD CASING TO MATCH EXICTING FULLS BAINT NEW WOOD TO FIT BETWEEN EXISTING WINDOW JAMB FRAMING, CONFIRM



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Date:	08/29/2024
Scale:	1/4" = 1'-0"
Drawn By:	AMR

Drawing Title DOOR **SCHEDULES**

A3.1

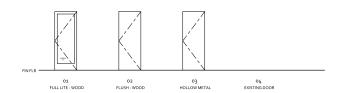
Schedule - Doors Frame Door Hardware Details Door Number Door Size Type Type Group Head Jamb Sill Sheet Note: WC 02 1/A8.0 2/A8.0 3/A8.0 Out 1/ABA 0 2/ABA 0 3/ABA 0 0 1/ABA 0 WC 01 PRE-FINISHED KD 02 o3 5/A8.o 6/A8.o 3/A8.o PRE-INISHED KD 02 03 55650 07400 3 38.60
PRE-INISHED KD 02 02 03 558.6 658.6 338.6
PAINTED HM 03 05 14/8.8 35/8.6 4/8.6
PAINTED KD 02 01 5/8.8 5/8.8 3/8.6
PAINTED EXISTING 04 05 EXISTING EXISTING 4/8.6. PRE-FINISHED KD 02 PAINTED EXISTING 04 05 EXISTING EXISTING 4/A8.0

FRAME TYPES

DOOR FRAME WOOD CASING PAINT TO MATCH (F)

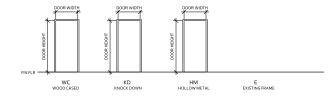
BASIS OF DESIGN - HOLLOW METAL FRAME

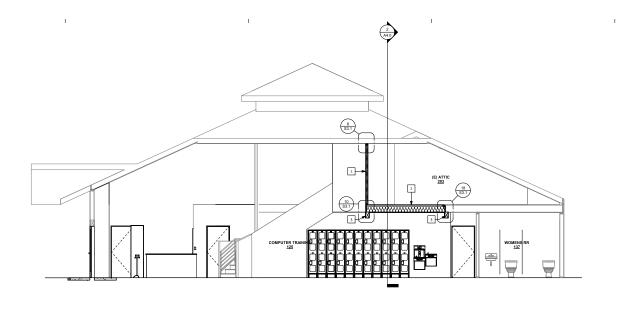
DOOR TYPES



FRAME TYPES

1





① Section 1 1/4" = 1'-0"

2 Section 2 1/4" = 1'-0"

(B) ATTC STORAGE IN MICHAEL AND A TTC STORAGE

SHEET NOTES

1. (N) WALL SYSTEM
2. (N) FLOOR/CEILING SYSTEM
3. (N) BEAM



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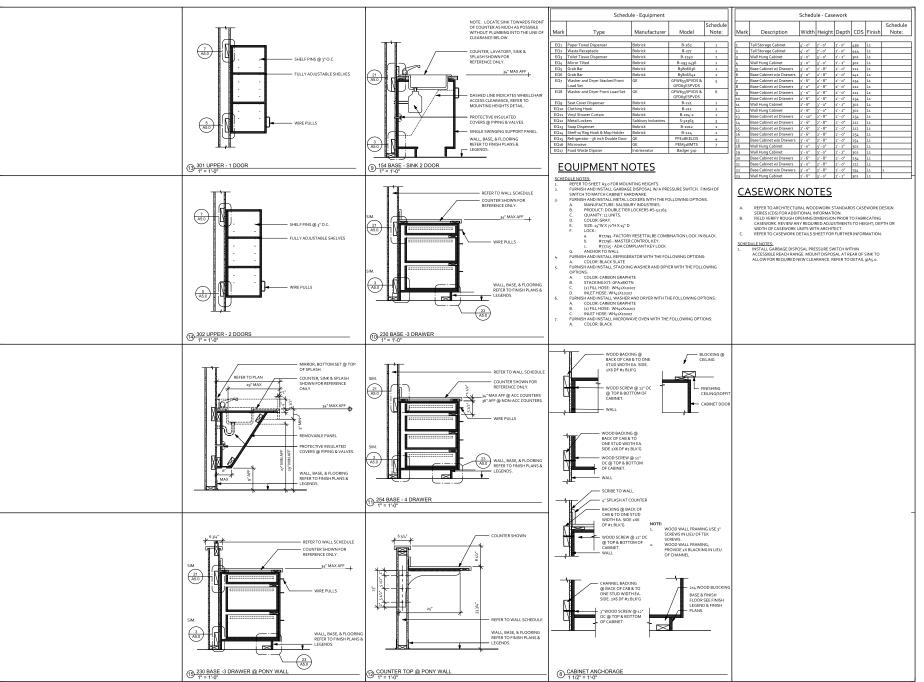
 Drawn By:
 AMR

Drawing Title:
BUILDING
SECTIONS

Drawing Number

A4.0

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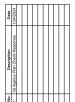
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 Date:
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 Scale:
 As indicated

 Drawn By:
 RMW

Drawing Title:

CASEWORK

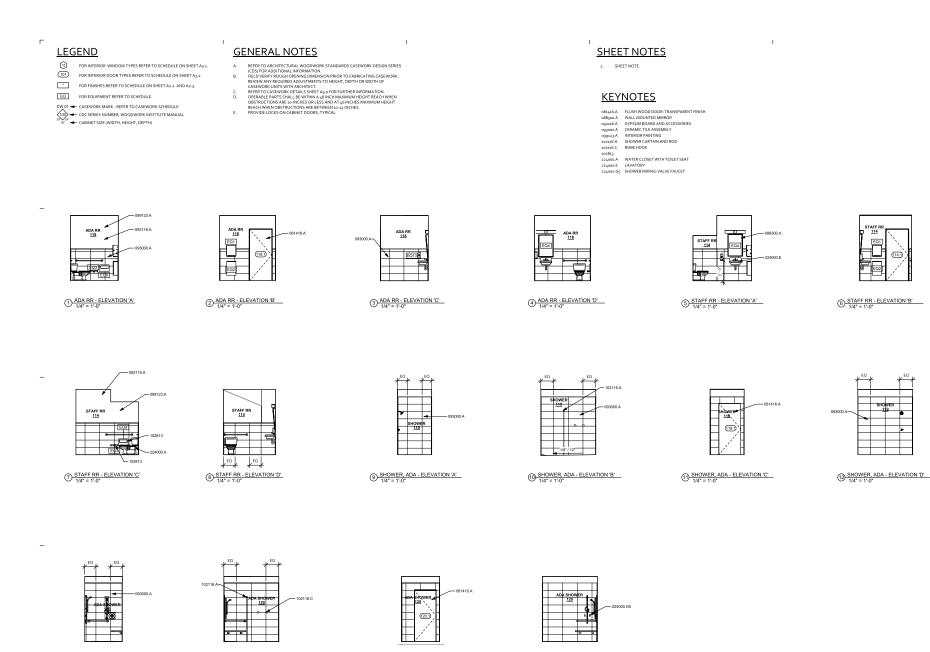
SCHEDULE AND

.

DETAILS

A5.0

29/2024 2:50:15 PM



(5) SHOWER, TYP. - ELEVATION 'C'

6 SHOWER, TYP. - ELEVATION 'D'

3 SHOWER, TYP. - ELEVATION 'A'
1/4" = 1'-0"

14 SHOWER, TYP. - ELEVATION 'B'

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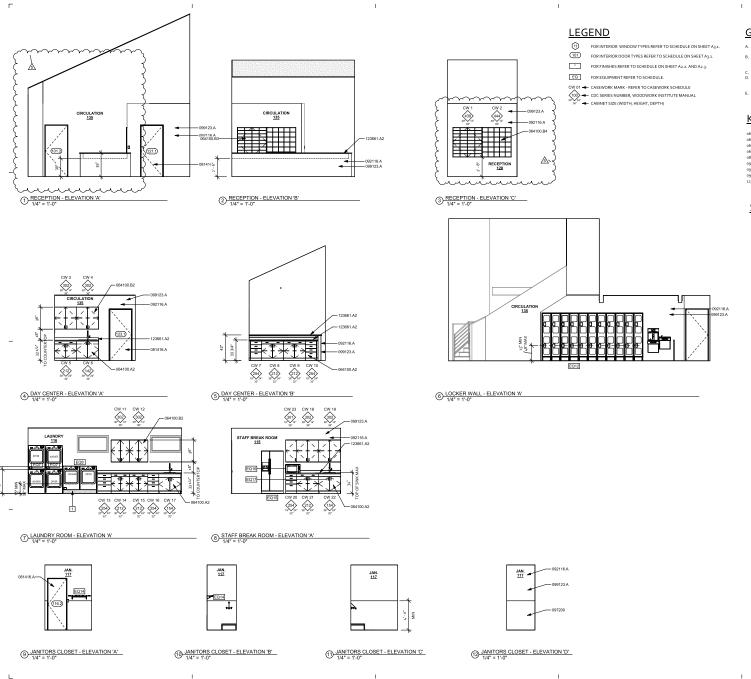
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Scale:	As indicated
Drawn By:	AMR

Drawing Title: INTERIOR **ELEVATIONS**

A5.1



GENERAL NOTES

- REFER TO ARCHITECTURAL WOODWORK STANDARDS CASEWORK DESIGN SERIES (LOS) FOR ADDITIONAL INFORMATION.

 FIGUR VERPIT YOUNG DEFINING DIMENSION PRIOR TO FABRICATING CASEWORK.

 REDL VERPIT YOUNG DEFINING DIMENSION PRIOR TO FABRICATING CASEWORK CANNOT AND THE CASEWORK LIMITS WITH ARCHITECT.

 CASEWORK LIMITS WITH ARCHITECT.

 REFER TO CASEWORK DEFINIS CHEEKET AS & FOR FURTHER PROFRANTION.

 OPERABLE PARTS SHALL BE WITHIN A & INCH MAXIMUM HEIGHT REACH WHEN OSTRUCTHOUS ARE DIVINESS OF LIMITS AND THE REACH WHEN OSTRUCTHOUS ARE DIVINESS OF LIMITS AND THE MAXIMUM HEIGHT REACH WHEN OSTRUCTHOUS ARE BETWEEN 24 MOVES.

KEYNOTES

BASE CABINET: PLASTIC LAMINATE FINISH
UPPER CABINET: PLASTIC LAMINATE FINISH
OPEN UPPER CABINET SHELVING: PLASTIC LAMINATE FINISH
OPEN UPPER CABINET SHELVING: TRANSPARENT FINISH 064100.B2 064100.B3 064100.B4

081416.A FLUSH WOOD DOOR: TRANSPARENT FINISH 092116.A 097200 099123.A 123661.Az GYPSUM BOARD AND ACCESSORIES

GYPSUM BOARD AND ACCESSORIES
WALL COVERINGS
INTERIOR PAINTING
SIMULATED STONE COUNTERTOP: SOLID SURFACE

SHEET NOTES

INSTALL 6" TILED BASE UNDER ACCESSIBLEWASHER AND DRYER.



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Drawing Title: INTERIOR **ELEVATIONS**

A5.2

LEGEND

0

(N) GYPSUM BOARD CEILING, TYPICAL (E) CEILING LOCATION

ACOUSTICAL CEILING LOCATION ILLUMINATED EXIT SIGN, BATTERY BACK-UP TYPICAL JOIST FRAMING DIRECTION

EMERGENCY EGRESS LIGHTING, CEILING MOUNTED LIGHT FIXTURE - DOWNLIGHT - RECESSED IN CEILING

2X4 LIGHT - SEE ELECTRICAL PLANS FOR TYPE

CEILING FINISHES

CSS-1 EXISTING ACOUSTICAL CEILING GRID ASSEMBLY, TYPICAL

AP-1 EXISTING ACOUSTICAL CEILING TILE, TYPICAL

C1 PAINTED, TYPICAL - REFER TO ROOM FINISH SCHEDULE SHEET A2.1.2

GENERAL NOTES

- RECESSED CAN LIGHT FIXTURES SHALL BE ARRANGED AS INDICATED ON

SHEET NOTES

1. NOT USED

KEYNOTES

INTERIOR GYPSUM BOARD RECESSED LIGHT FIXTURE SURFACE MOUNTED LIGHT FIXTURE

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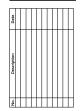
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Drawing Title: REFLECTED **CEILING PLAN**

A6.1

RECESSED CAN LIGHT HIT DIRES SPIRAL BE ARRANAGED AS INDICATED ON ARCHITECTURAL DOCUMENTS.

ILLUMINATED EXIT SIGNS SHALL BE CENTERED ABOVE DOOR OPENINGS, UNO. EXIT ROUTE SIGNAGE SHALL BE WALL MOUNTED ADJACENT TO DOOR AND

SIGN.

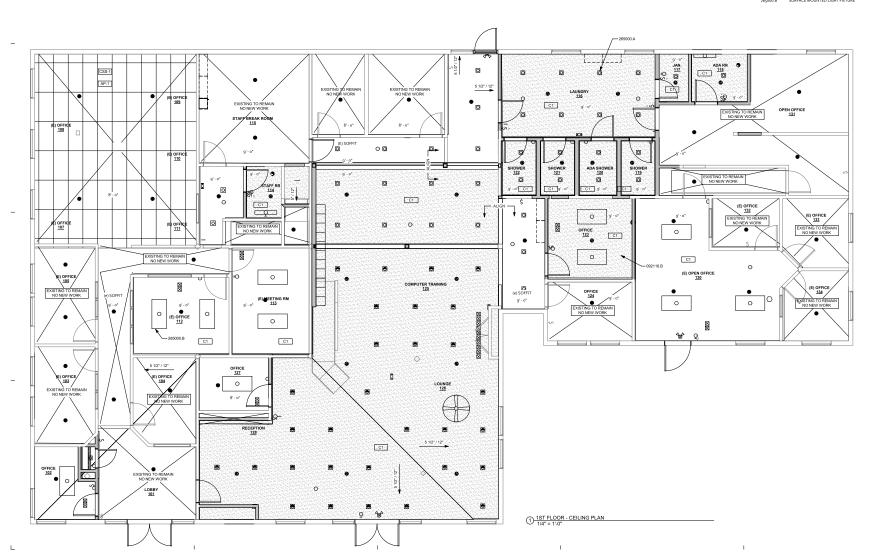
ELECTRICAL AND MECHANICAL CONTRACTORS SHALL COORDINATE FIXTURE AND DIFFUSER LOCATIONS, ALL CONFLICTS SHALL BE REVIEWED BY ARCHITECT. ELECTRICAL AND MECHANICAL CONTRACTORS SHALL COORDINATE PRIVILE AND DIFFUSER LOCATIONS WITH SPRINKLER HEAD LOCATIONS, ALL CONFLICTS SHALL BE REVIEWED BY ACCURATED.

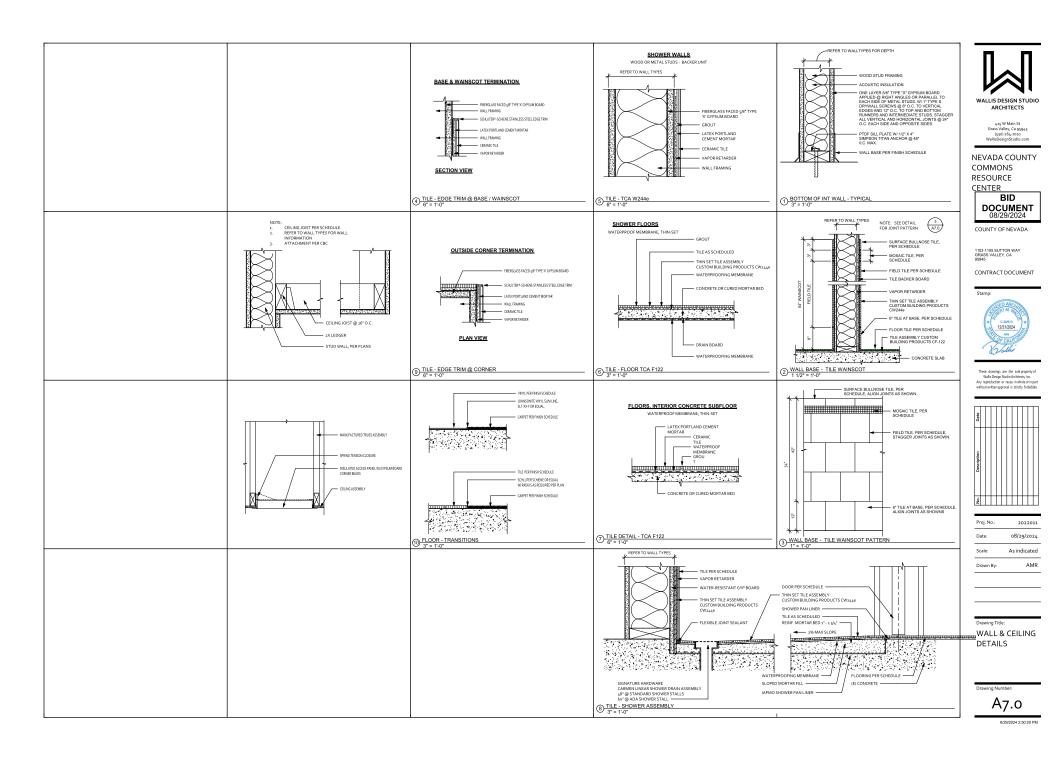
DIFFUSER COATRONS WITH SPRINKLER HEAD LOCATRONS, ALL CONFLICTS SHALL BE REVIEWED BY ACCURED.

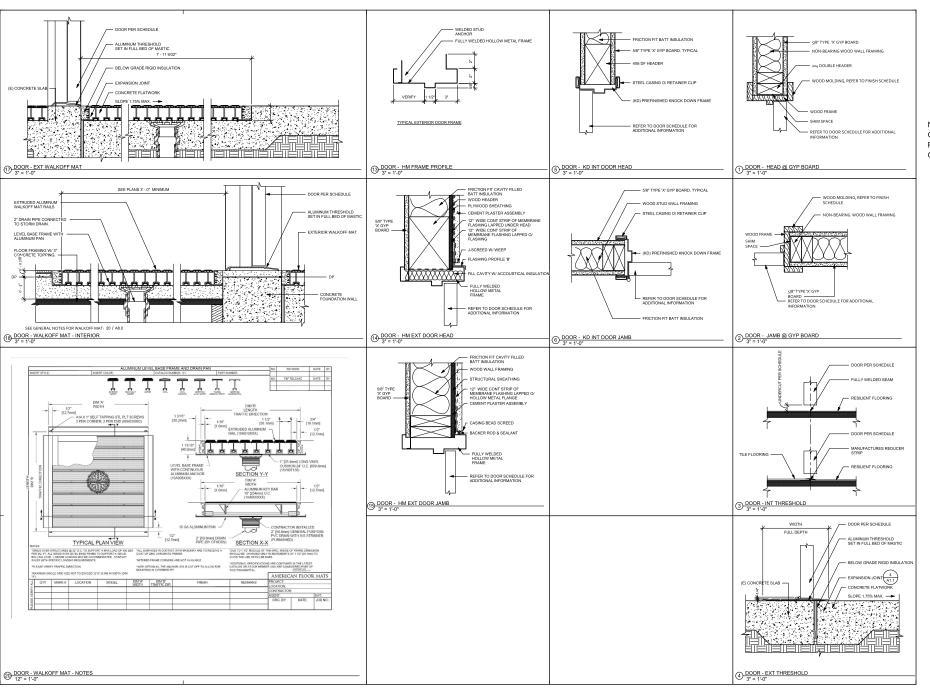
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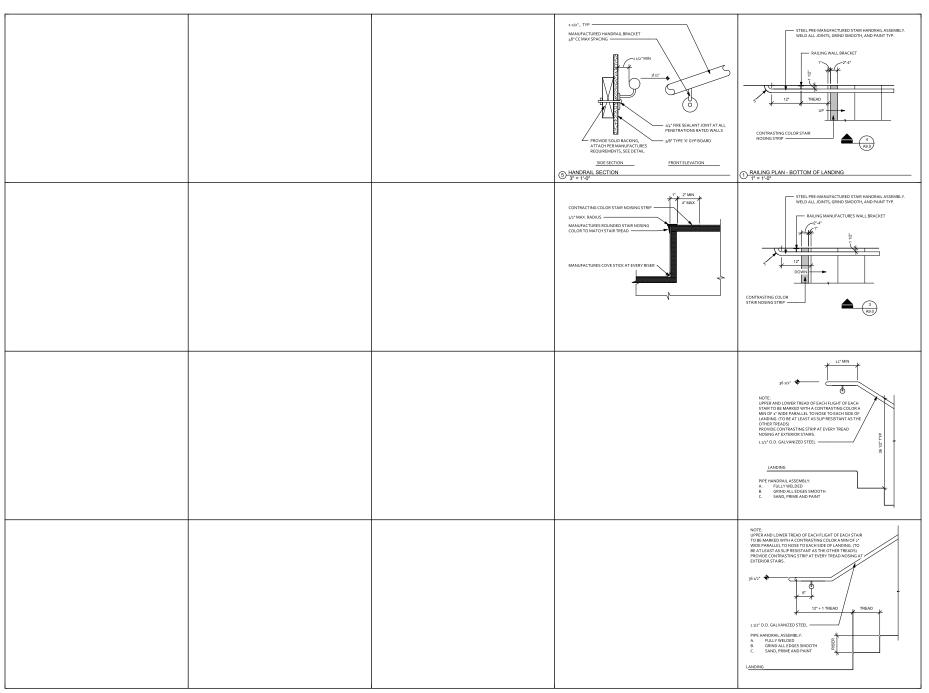
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Drawing Title: DOOR DETAILS

A8.o





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Drawing Title:

STAIR DETAILS

A9.0

GENERAL

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.
- ALL DRAWINGS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DBAWINGS AND SPECIATIONS PRIOR TO THE STRATE OF CONSTRUCTION, ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO STAT OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WOR PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT
- ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE FOLLOWING CODES:

2021 IBC WITH 2022 CALIFORNIA AMENDMENTS AND LATEST REVISIONS 3033 IBC, WITH 3032 CALIFORNIA AMENDMENTS AND LATEST REVISIONS REFERRED TO HERE AS "THE CODE", AND ANY OTHER REGULATING AGENCIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK, INCLUDING THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY, AND THOSE CODES & STANDARDS LISTED IN THESE NOTES AND

- SEE ARCHITECTURAL DRAWINGS FOR THE FOLLOWING:
 - SIZE & LOCATION OF ALL DOOR AND WINDOW OPENINGS, EXCEPT AS
- SIZE & LOCATION OF ALL INTERIOR & EXTERIOR NON-BEARING
- PARTITIONS.
 SIZE & LOCATION OF ALL CONCRETE CURBS, EQUIPMENT PADS, PITS,
 FLOOR DRAINS, SLOPES, DEPRESSED AREAS, CHANGE IN LEVEL,
 CHAMFERS, GROOVES, INSERTS, ET.
 SIZE & LOCATION OF ALL FLOOR & ROOF OPENINGS EXCEPT AS SHOWN.
 FLOOR & ROOF FINISHES.
 DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.

- SEE MECHANICAL PLUMBING AND ELECTRICAL DRAWINGS FOR THE
- PIPE RUNS, SLEEVES, HANGERS, TRENCHES, WALL AND SLAB
- OPENINGS, ETC., EXCEPT AS SHOWN OR NOTED. ELECTRICAL CONDUIT RUNS, BOXES, OUTLETS IN WALLS AND SLABS. CONCRETE INSERTS FOR ELECTRICAL, MECHANICAL OR PLUMBING
- FIXTURES. SIZE & LOCATION OF MACHINE OR EQUIPMENT BASES & ANCHOR BOUNTS
- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATIE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
- OPENINGS, POCKETS, ETC., LARGER THAN 6° SHALL NOT BE PLACED IN CONCRETE SLABS, DECKS, WALLS, UNLESS SPECIALLY DETAILED ON THE STRUCTURAL DRAWINGS. NOTIFY THE STRUCTURAL ENGINEER WHEN DRAWINGS BY OTHERS SHOW OPENINGS, POCKETS, ETC., LARGER THAN 6" NOT SHOWN ON THE STRUCTURAL DRAWINGS, BUT WHICH ARE LOCATED IN STRUCTURAL MEMBERS. FOR ANY FURTHER RESTRICTIONS ON OPENINGS IN STRUCTURAL ELEMENTS, SEE APPLICABLE SECTIONS BELOW.
- ASTM SPECIFICATIONS ON THE DRAWINGS SHALL BE OF THE LATEST
- CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWOR OPERATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES, SUCH AS PATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES, SUCH AS POOLS, CISTERNS, FOUNDATIONS, ETC. IF ANY SUCH STRUCTURES ARE FOUND THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY
- CONSTRUCTION MATERIAL SHALL BE SPREAD OUT IF PLACED ON FRAMED ROOF OR FLOOR. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FSOOT: PROVIDE A BEQUATE SHORING AND/OR BRACING WHERE STRUCTURE HAS NOT ATTAINED DESIGN STRENGTH.

LATERAL LOADS: V = Sds/(R/I) * W

R = 6.5 ((E) WOOD SHEAR WALL Ss = 56.9%

Fe = 1.345 Fv = 1.8 NULL OCCUPANCY CAT. = II

Cs = 0.078W(ULT LOAD)

REINFORCING STEEL (FOR CONCRETE AND MASONRY)

- REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 29 OF THE CODE, ASTM A615, GRADE 60 UON.
- BARS SHALL BE CLEAN OF MUD, OIL, GREASE OR OTHER MATERIALS LIKELY TO IMPAIR BOND, ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
- WELDED WIRE FABRIC (WWF) SHALL CONFORTM ASTM A-185: WWF SHALL BE SUPPORTED ON APPROVED CHAIRS.
- REINFORCING BAR SPLICES SHALL BE MADE AS INDICATED ON THI
- DRAWINGS. LAP ALL HORIZONTAL BARS AT CORNERS AND INTERSECTIONS. STAGGER ALL SPLICES UNLESS OTHERWISE NOTED ON PLANS.
- ALL BARS SHALL BE MARKED SO THEIR IDENTIFICATION CAN BE MADE WHEN THE FINAL IN-PLACE INSPECTIONS IS MADE. WHERE WELDING OF REINFORCING IS APPROVED BY THE STRUCTURAL ENGINEER, IT SHALL BE DONE BY AWS CERTIFIED WELDERS USING EGOXX OR APPROVED ELECTRODES. WELDING FROCEDURES SHALL CONFORM TO THE REQUIREMENTS OF STRUCTURAL WELDING CODE REINFORCING STEEL,
- BARS IN SLABS SHALL BE SECURELY SUPPORTED ON WELL-CURED CONCRETE BLOCKS OR APPROVED METAL CHAIRS, PRIOR TO PLACING CONCRETE.

CONFORM TO THE REQUIREMENTS OF ASTM-706.

- REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE "A.C.I. MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORGONCRETE STRUCTURES", LATEST EDITION.
- COMPLETE AND DETAILED REINFORCING PLACEMENT DRAWINGS SHALL BE PREPARED AND SUBMITTED TO THE ARCHITECT FOR APPROVAL BY TH STRUCTURAL ENGINEER PRIOR TO FABRICATION IN ACCORDANCE WITH THE SPECIFICATIONS AND APPLICABLE CODES. THESE DRAWINGS SHALL BE AVAILABLE ON THE JOB SITE PRIOR TO PLACING OF CONCRETE.
- CONTINUOUS INSPECTION OF CONCRETE SHALL INCLUDE INSPECTION DURING INSTALLATION OF REINFORCING STEEL. INSPECTION SHALL BE SCHEDULED SO THAT PLACEMENT OF REINFORCING STEEL, CONDUIT, SLEEVES, AND EMBEDDED ITEMS MAY BE CORRECTED PRIOR TO PLACEMENT OF OVERLYING GRIDS OF REINFORCING STEEL.
- ALL GRADE 60 REINFORCING STEEL SHALL BE CLEARLY MARKED TO DIFFERENTIATE THEM FROM GRADE 40 REINFORCING STEEL IF CONCURRENTLY ON SITE.

(i) CAST-IN-PLACE CONCRETE (NON-PRESTRESSED). THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT

(INCHES)

A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:

B. CONCRETE EXPOSED TO EARTH OR WEATHER: #6 THROUGH #38 BAR: #5 BAR, W31 OR D31 WIRE OR SMALLER:

C. CONCRETE NOT EXPOSED TO WEATHER OR IN

CONTACT WITH GROUND: SLABS, WALLS, JOISTS

SLABS, WALLS, JOISTS:

#31 BAR & SMALLER:

BEAMS, COLUMNS:

PRIMARY REINFORCEMENT TIES,

STIRRUPS SPIRALS:

ADHESIVE ANCHORING SYSTEM IN CONCRETE

ADHESIVE ANCHORING SYSTEM SHALL BE SIMPSON SET-XP EPOXY ADHESIVE, OR AN APPROVED EQUIAL, ANS SHALL CONFORMTO THE REQUIREMENTS OF ICC. ES A.C.98 & UNICEAS.REG. DOCKRETE. THE PROPORTIONS SHALL BE AS THE ESS REPORT DRILLING AND PREPARATIONS OF THE CONCRETE, AS LECT AND ADMINISTRATION OF THE CONCRETE AS LECT AS LECT AND ADMINISTRATION OF THE CONCRETATION OF THE CONCRETE AS LECT AND ADMINISTRATION OF THE CONCRETANCE AS LECT AS L

CONCRETE SCREW ANCHORS SHALL BE SIMPSON TITEN HD SCREW ANCHORS, OR AN APPROVED EQUAL, AND SHALL BE INSTALLED PER THE MANUFACTURERS REQUIREMENTS AND ICCC ESR-2713.

FOUNDATION

- THE STRUCTURAL ENGINEER HAS NOT MADE A GEOTECHNICAL REVIEW OF THE STRUCTORAL ENGINEERINGS NOT MADE A GOLD CENTUAL REVENUE OF THE BUILDING STEET AND IS NOT RESPONSIBLE FOR GENERAL SITE STABILITY OR SOIL SUTTABILITY FOR THE PROPOSED PROJECT. THE STRUCTURAL PENGINEER RECOMMENDS A REVIEW OF THE SITE BY A GEOLOGICAL ENGINEER OR A QUALIFIED CIVIL ENGINEER TO DETERMINE GENERAL SITE STABILITY AND SOIL SUTTABILITY FOR THE PROJECT.
- FOOTINGS ARE DESIGNED BASED ON THE FOLLOWING INFORMATION (ASSUMED MINIMUM PER CBC TABLES 1610.1 & 1806.2)

ALLOWABLE BEARING PRESSURE = 1500 PSF

RESTRAINED WALLS UNRESTRAINED WALLS

PASSIVE EARTH PRESSURES = 100 PCF (EFP)
COEFFICIENT OF FRICTION = 0.25

FOOTINGS SHALL REAR ON FIRM SOLLS PREPARED IN ACCORDANCE WITH THE ADJACENT GRADE SHALL BE 12". MINIMUM WIDTH OF FOOTING SHALL BE 12".

- CONTRACTOR TO PROVIDE FOR DE-WATERING OF EXCAVATIONS FROM EITHER SURFACE WATER, GROUND WATER OR SEEPAGE, IF REQUIRED
- CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF AL CRIBBING, SHEATHING AND SHORING REQUIRED AND SHALL BE SOLEL RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGIN SHORING AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH ALL NATIONAL, STATE AND
- EXCAVATION FOR FOOTINGS SHALL BE APPROVED BY THE INSPECTOR OR SOILS ENGINEER PRIOR TO PLACING THE CONCRETE AND REINFORCING. CONTRACTOR TO NOTIFY THE INSPECTOR WHEN INSPECTION OF EXCAVATION IS READY. INSPECTOR TO SUBMIT LETTER OF COMPLIANCE.
- ALL EXCAVATIONS SHALL BE PROPERLY BACKFILLED. DO NOT PLACE BACKFILL BEHIND RETAINING WALLS BEFORE CONCRETE OR GROUT HAS ATTAINED FULL DESIGN STRENGTH. CONTRACTOR SHALL BRACE OR PROTECT ALL BUILDING AND PIT WALLS BELOW GRADE FROM LATERAL LOADS UNTIL. ATTACHING FLOORS ARE COMPLETELY IN PLACE AND HAVE ATTAINED FULL STRENGTH, CONTRACTOR SHALL PROVIDE FOR DESIGN, PERMITS AND INSTALLATION OF SUCH BRACING.
- FOUNDATIONS SHALL BE PLACED AND ESTIMATED ACCORDING TO DEPTHS SHOWN ON DRAWINGS. SHOULD SOIL ENCOUNTERED AT THESE DEPTHS NO BE APPROVED BY THE INSPECTION OR SOILS ENGINEER, FOUNDATION ELEVATIONS WILL BE ALTERED BY A CHANGE ORDER.
- FOOTING BACKELL AND LITH ITY TRENCH BACKELL WITHIN BLILLDING ARE SHALL BE MECHANICALLY COMPACTED IN LAYERS IN ACCORDANCE WITH THE SOILS REPORT AND APPROVED BY THE SOILS ENGINEER. FLOODING WILL NOT BE PERMITTED. ALL FILLS USED TO SUPPORT FOUNDATIONS SHALL BE INSPECTED BY THE SOILS ENGINEER REPRESENTATIVE.
- ALL ABANDONED FOOTINGS, UTILITIES, ETC SHALL BE REMOVED, UON

CONCRETE

- ALL CONCRETE CONSTRUCTION SHALL CONFORM WITH CHAPTER 19 OF THE CODE AND WITH THE PROVISIONS OF ACI 318, LATEST EDITION.
- CONCRETE MIXES SHALL BE DESIGNED BY THE APPROVED TESTING LABORATORY AND APPROVED BY THE STRUCTURAL ENGINEER. THE COMPRESSIVE STRUCTURAL ENGINEER THE COMPRESSIVE STRUCTURAL BY A STRUCTURAL BY
- SCHEDULE OF STRUCTURAL CONCRETE 28-DAY STRENGTH AND TYPES:

LOCATION IN STRUCTURE	STRENGTH	DENSITY	SLUMP	MAX W/C
	(PSI)	(PSI)	(INS)	RATIO
ALL CONCRETE FOOTINGS*	3000	150	3 MAX	0.55
CONC. SLABS AND STAIRS ON GRADE CURBS, AND OTHER NON-STRUCTURAL	3000	150	4 MAX	0.58

*2500 PSI USED FOR DESIGN (NO SPECIAL INSPECTION REQUIRED)

- PORTLAND CEMENT SHALL CONFORM TO ASTM C-150, TYPE II.
- AGGREGATE FOR HARDROCK CONCRETE SHALL CONFORM TO ALL REQUIREMENTS AND TESTS OF ASTM C-33 AND PROJECT SPECIFICATIONS. EXCEPTIONS MAY BE USED ONLY WITH PERMISSION OF THE STRUCTURAL
- CONCRETE MIXING OPERATION, ETC. SHALL CONFORM TO ASTM C-94-
- PLACEMENT OF CONCRETE SHALL CONFORM TO CODE SECTION 13905 AND PROJECT SPECIFICATIONS, CLEAN AND ROUGHEN TO 14," "AMPLITUDE ALL CONCRETE SURFACES AGAINST WHICH NEW CONCRETE IS TO BE PLACED.
- FRAMEWORK, EMBEDDED PIPES AND CONSTRUCTION JOINT SHALL CONFORM TO THE CODE SECTION 1906 AND PROJECT SPECIFICATIONS.
- PROVIDE SLEEVES FOR PLUMBING AND ELECTRICAL OPENINGS IN CONCRETE BEFORE PLACING, DO NOT CUT ANY BEINFORCING WHICH MAY CONFLICT. CORING IN CONCRETE IS NOT PERMITTIED. NOTIFY THE STRUCTURAL ENGINEER IN ADVANCE OF CONDITIONS NOT SHOWN ON THE DRAWINGS. SEE THESE DRAWINGS FOR ADDITIONAL RESTRICTIONS ON THE PLACEMENT OF OPENINGS IN SLABS AND WALLS.
- PIPES LARGER THAN 1-1/2: DIAMETER SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE EXCEPT WHERE SPECIFICALLY APPROVED BY STRUCTURAL ENGINEER, PIPES SHALL NOT DISHCACE OR INTERVIPE TEMPORATION BARS, SPACE EMBEDDED PIPES AND SLEEVES AT A MINIMUM OF 3 DIAMETERS ON CENTER.

WOOD

ALL STRUCTURAL LUMBER SHALL BE DOUGLAS FIR, VISUALLY GRADED OR MACHINE GRADED AND STAMPED BY AN ACCREDITATION BODY THAT COMPLIES WITH DOC PS 20. ALL FRAMING MEMBERS SHALL BE AS FOLLOWS:

THICKNESS 3"NOM. AND SMALLER 4× OR LARGER BEAMS 4× 4 AND 3× 6 POSTS 4× 6 AND LARGER POSTS GRADE STUDS (2x4 AND 2x6)

- ALL STRUCTURAL PLYWOOD SHEATHING SHALL BE DOUGLAS FIR STANDARD GRADE STRUCTURAL 1 WITH EXTERIOR GLUE STAMPED BY AN APPROVED TESTING & GRADING AGENCY CONFORMING TO THE DOC PS 1 OR PS 2.
- ALL NAILINGS SHALL CONFORM TO THE APPLICABUE BUILDING CODE AND
- UNLESS OTHERWISE NOTED. ALL WOOD SILL PLATE UNDER BEARING UNLESS O HERWISE AT WALLS IN CONTACT WITH CONCRETE OR MASOINGY SHALL BE PRESERVATURE. THE CONCRETE OR MASOINGY SHALL BE PRESERVATURE. TREATED AND BOLTED TO CONCRETE OR MASOINGY WITH 56" DIA GALVANIZED ANCHOR BOLTS WY," MINI CONCRETE OR MASOINGY WITH 56" DIA GALVANIZED ANCHOR BOLTS WY, "MINI CONCRETE OR MASOING MASOINGY OF THE PLATE OF THE PL
- ALL BOLT HEADS AND NUTS WHICH BEAR AGAINIST THE FACE OF WOOD MEMBERS SHALL BE PROVIDED WITH METAL WASHER.
- ALL NAILS FOR CONNECTING WOOD MEMBERS SHALL BE COMMON NAIL: MINIMUM NAILING REQUIREMENTS OUTLINED IN TABLE 2304.9.1 OF THE CODE SHALL BE FOLLOWED UNLESS OTHERWISE NOTED
- USE OF MACHINE NAILING IS SUBJECT TO A SATISFACTORY JOBSITE DEMONSTRATION FOR EACH PROJECT AND THE APPROVAL BY THE ARCHITECT OF STRUCTURAL IGNINIERS AND THE BUILDING DEFATTMENT. THE APPROVAL IS SUBJECT TO CONTINUED SATISFACTORY PERFORMANCE. IF NAILHEADS PENETRATE THE OUTLIER PLY MONE THAN WOULD BE MORMAL FOR A HAND HAMMER OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED. THE PERFORMANCE WILL BE DEFMED UNSATISFACTORY
- ALL WOOD HARDWARE CONNECTORS SHALL BE SIMPSON-TIE OR APPROVED
- COMBUSTIBLE FRAMING SHALL BE A MINIMUM OF 2" FROM FLUES, CHIMNEYS AND FIREPLACES AND 6" MINIMUM AWAY FROM FLUE OPENINGS.
- LUMBER DECKING SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION
- FASTENERS IN PRESERVATIVE-TREATED AND FIRE RETARDANT-TREATED WOOD SHALL BE OF HOT DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER. THE COATING WEIGHTS FOR ZINC-COATED FASTENERS SHALL BE IN ACCORDANCE WITH ASTM A 153.
- FIRE-RETARDANT-TREATED WOOD SHALL COMPLY WITH SECTION $_{2303,2}\,\mathrm{OF}$ THE CODE.

- THE MANUFACTURE AND IDENTIFICATION OF STRUCTURAL GLUE LAMINATED TIMBER SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF AITC A190.1 AND ASTM D3737
- ALL SIMPLE SPAN GLUE-LAMINATED MEMBERS SHALL BE DOUGLAS FIR AND WESTERN LARCH COMBINATION 24F-V4. ALLOWABLE STRESS REQUIREMENTS ARE AS FOLLOWS:

Fclix:= 650 PSI TENSION FACE 650 PSI COMPRESSION FACE

Fvxx= 26s PSI Exx= 1.8x10*PSI

- THE MANUFACTURER SHALL SUBMIT COMPLETE SHOP DRAWINGS TO THE ARCHITIECT/ENGINEER FOR APPROVAL PRIOR TO ANY FABRICATION.
- PROVIDE CAMBERS AS NOTED ON THE DRAWINGS.
- TEMPERATURE OF GLUE-LAMINATIED TIMBER IS NOT TO EXCEED 150 DEGREES FAHRENHEIT IN SERVICE.
- GLUE-LAMINATED MEMBERS SHOWN ON THESE PLANS ARE FOR DRY CONDITIONS OF USE.
- GLULAM BEAM CERTIFICATE SHALL BE ONSITE AT TIME OF SHEAR/ROOF SHEATHING INSPECTION.

DEFERRED APPROVAL ITEMS

THE FOLLOWING LIST OF DESIGN ELEMENTS WILL HAVE A DERERRED APPROVAL. THE CONTRACTOR SRESPONSIBLE FOR SUBMITTING STRUCTURAL ENGINEERING ACCULATIONS AND DESIGN OR SHOP DRAWINGS, STAMPED AND DISINGED SHOP AND ACCULATIONS AND DESIGN OR SHOP DRAWINGS, STAMPED AND DISINGED SHOP ACCULATION AND DEFINED THE CITY AUTHORITIES OF REVIEW AND APPROVAL THE CALCULATION AND DEFINING SHALL BE ACCULATED AND DESIGN OF THE COLOR OF T SPECIFICATIONS SHALL ALSO BE ACCOMMODATED. THE CALCULATIONS AND DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND THE STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL. THE TIME TO COMPLETE THIS PROCESS SHALL BE INCORPORATED INTO THE CONTRACTORS SCHEDULE.



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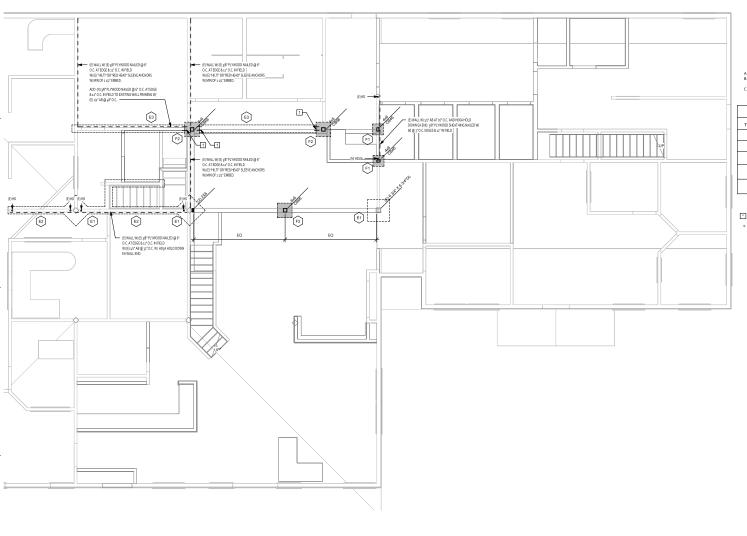


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Drawing Title **GENERAL** NOTES



1ST FLOOR - PARTIAL FOUNDATION PLAN

LEGEND

EXISTING CONCRETE FOOTING LOCATION NEW CONCRETE FOOTING LOCATION POST SIZE & BASE/CAP





FOUNDATION NOTES

- REFER TO STRUCTURAL GENERAL NOTES SHEET 51.0
 COMMACTOR TO VEREY ALL DIMENSIONS & ELEVATIONS SHOWN W/ARCHITECTURAL
 SHEETS BHORDMARCHITECT & REMORE OF ANY DISCREPANCES.
 REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN, VERRY ALL
 DIMENSIONS WITH ARCHITECT, THE PROPERTY.

	SCHEDULE - STRUCTURAL FOOTING		
rpe	Width x Depth x Length	Reinforcement	Sheet Notes
1	18" SQ. x 12" DEEP	(2) # 4 each way bottom	1

	SCHEDULE - STRUCTURAL POUTING			
	Туре	Width x Depth x Length	Reinforcement	Sheet Notes
	F1	18" SQ. ×12" DEEP	(2) # 4 each way bottom	1
	F2	24" SQ. x 12" DEEP.	(2) # 4 each way bottom	1
	Eı	EXISTING FOOTING 36" SQ. x 12" DEEP.	(3) # 4 each way bottom	1
l	E2	EXISTING FOOTING 12" SQ. x 12" DEEP.	Cont. # 4 top & bottom 1/2" AB @ 48" O.C.	1
l	E3	EXISTING FOOTING 12" SQ. x 12" DEEP.	Cont. # 4 top & bottom 1/2" AB @ 32"O.C.	1

WHERE NEW FTG, MEETS EXISTING FTG. ADD (2) #4 REBARS X 24* LENGTH SET 6* MIN. INTO EXISTING FTG W/ EPOXY.



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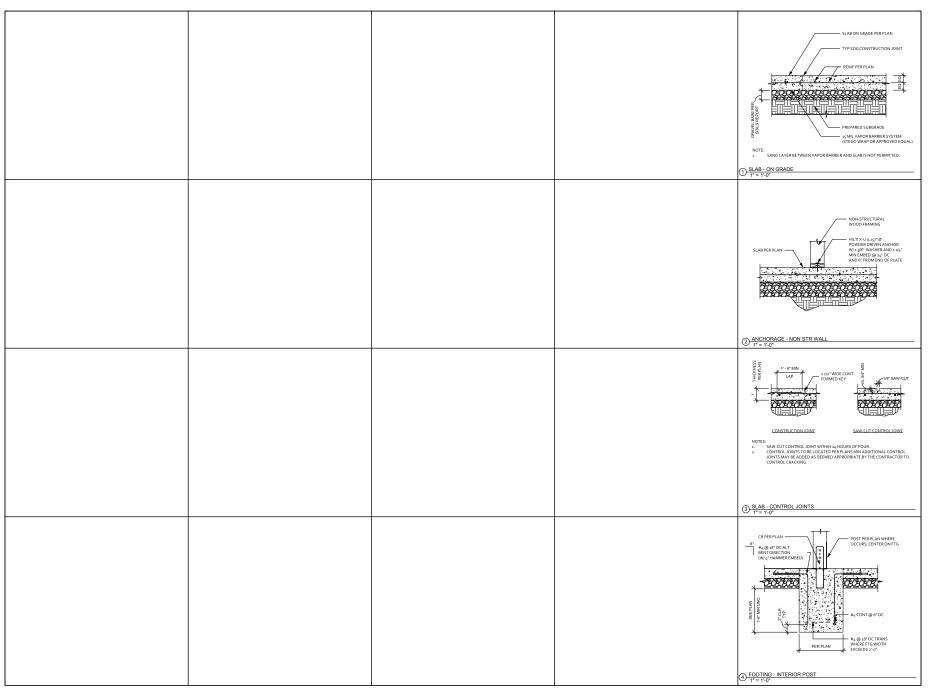
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ate:	08/29/2024
cale:	1/4" = 1'-0"
rawn By:	RMW

Drawing Title: FOUNDATION PLAN

S2.0





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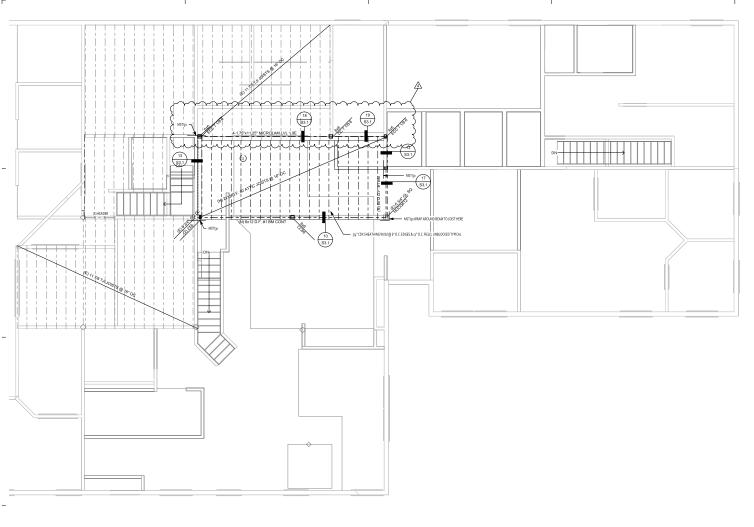
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 RMW

Drawing Title:
FOUNDATION
DETAILS

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LEGEND

FRAMING NOTES

REFER TO GENERAL STRUCTURAL NOTES SHEET S1.0 CONTRACTOR TO VERIFY ALL DIMENSIONS & ELEVATIONS SHOWN W/ ARCHITECTURAL SHEETS & INFORM ARCHITECT & ENGINEER OF ANY DISCREPANCIES.

FOOTING TYPE - SEE FOOTING SCHEDULE

□ SHEET NOTES

ARCHITECTS

415 W Main St Grass Valley, Ca 95945 (530) 264-7010 WallisDesignStudio.com

NEVADA COUNTY COMMONS RESOURCE CENTER

BID DOCUMENT 08/29/2024

COUNTY OF NEVADA

1103-1105 SUTTON WAY GRASS VALLEY, CA 95945

CONTRACT DOCUMENT

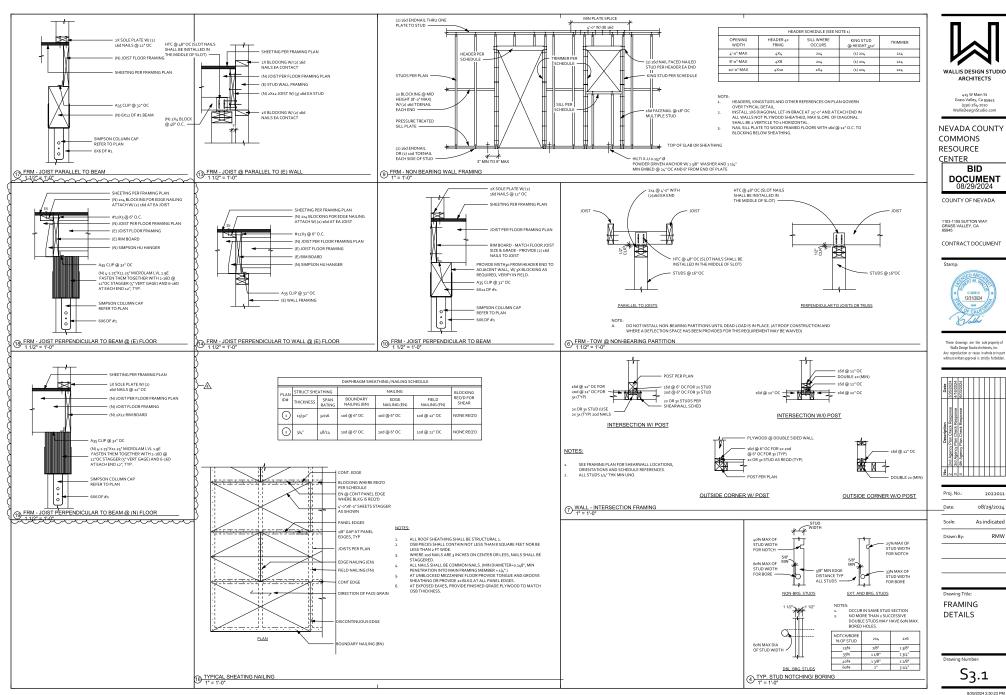




Proj. No.:	2022011
Date:	08/29/2024
Scale:	1/4" = 1'-0"
Drawn By:	RMW

Drawing Title: 2ND FLOOR FRAMING PLAN

1/4" = 1'-0"

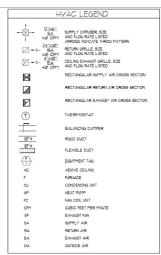


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2022011 08/29/2024



HVAC NOTES

I. SCOPE CE MORS.

RENDE EXISTING HAVAC EQUIPMENT AND RECOMFIGURE DUGTING AS INDICATED ON FLAG.

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IN STALL NED EXCHAIGH THAN AS INDICATED.

IN STALL NED EXCHAIGH TANS AS INDICATED.

ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS DISCOVERED DURING DEVOLITON SHALL BE RESOURT TO THE ASCULTECT DISCOVERED DURING DEVOLITON SHALL BE RESOURT TO THE ASCULTECT FOR A COMPLETE NOTALL ALTON OF HAVAC MORN NOICATED ON THE DRAWINGS ALSO PROVIDE ANY EXCIDENTAL MORN NOICATED ON THE DRAWINGS AND NOICE ANY EXCIDENTAL MORN NOICATED ON THE DRAWINGS AND NICESBARY TO PROVIDE THE COMPLETE SYSTEM.

IT IS THE SYSTEM LANG CONTRACTORS RESERVOISELITY TO ASSURE ALL ORDINGS AND STATE AND PRESENCE OF THE DRAWINGS AND THE TAND THE TAIL NO CONTRACTORS RESERVOISELITY TO ASSURE ALL CONTRACTORS TO THE ADDRESS OF THE TRADES OF THE TRADE.

THE EXPLANE RES TO DE NOTIFIED IT ANY DUBSTITUTIONS ARE DEED TO BE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESERVOIAL AND PROPERE

THE DEVICES IS TO BE NOTIFIED IF ANY DISPITITIONS ARE SEEN TO BE

THE CONTRACTOR SHALL BE REPORTSHIPS FOR REPOYAL BY THE PROPRIET SPICEATED TO BE REPOYATE, DISPISATION FOR PROPRIET DISPISAL OF EQUIPMENT SPICEATED TO BE REPOYATE, DISPISAL OF CONTRACTOR OF THE PROPRIET OF SHALL FACEDOMAGE SITE THE BIS OF CASH AND ACCORDANCE SITE OF THE PROPRIET OF SHALL FACEDOMAGE SITE OF SHALL FACEDOMAGE SITE OF SHALL FACEDOMAGE SITE OF SHALL BE SHALL BE SHALL BE ADJUSTED TO ACCOMPODATE ANY EXISTING CONDITIONS BIDD SHALL BENEVAL BY ANY AND ALL DEVILLED TO ACCOMPODATE ANY EXISTING CONDITIONS SHICK LARE NOT SHOWN ON FLAME AND ARE VISITED SHOWN ON SHALL BY ANY AND ALL DEVILLED TO ACCOMPODATE ANY EXISTING CONDITIONS SHICK LARE NOT SHOWN ON FLAME ANY EXISTING SHOWN OF THE PROPRIET OF THE MICHIGAN AND ANY AND ALL THE VISIT AND ASSOCIATED HOUSE. DISPISAL SHOWN OF CONTRACT CONTROL OF SHALL BE SHIP OF OPERATE CONTROL OF THE WITH SHALL BE SHIP OF OPERATE CONTROL OF THE WITH SHALL BE SHIP OF OPERATE CONTROL OF THE WITH SHALL BE SHIP OF OPERATE CONTROL OF THE WITH SHALL BE SHIP OF THE WITH SHALL BE SHALL BE SHIP OF THE WITH SHALL BE SHALL B

B.ROOM THERMOSTATS SHALL BE PROGRAMMABLE WITH 5-1-1 DAY CPROGRAMMING AND 24-HOUR HEATING AND COOLING SETBACK CAPABILITY.
D.THERMOSTATS SHALL BE INSTALLED WHERE INDICATED ON PLANS, 48 INCHES
ABOVE FINSHED FLOOR LEVEL.

EITHERMOSTAT FOR NEW DUCTLESS MINI-SPLIT SHALL BE WALL MOUNTED FIXED THERMOSTAT, REMOTE CONTROL THERMOSTAT SHALL NOT BE ALLOWED.

F. INSTALLING SUB-CONTRACTOR SHALL PROVIDE ENGINEER WITH COMPLETE CONTROL SCHEMATIC INCLUDING SUBMITTALS FOR EACH COMPONENT.

AIR DIFFUSERS AND RETURN/EXHAUST GRILLES SHALL BE SHOEMAKER, OR EQUAL. PROPOSED MODEL NUMBERS FOR DIFFERENT APPLICATIONS ARE AS FOLLOWS.

APPLICATION REMARKS CLG T-BAR SUPPLY MODULAR CORE WITH T-BAR PANEL

T-BAR PANEL
THROW PATTERN INDICATED
MODULAR CORE
THROW PATTERN INDICATED CLG GYP9UM SUPPLY MA (W/ OBD) SPIRAL DUCT SIDEWALL R534 DOUBLE DEFLECTION RADIUS SPIRAL PIPE DIFFUSER

RADIUS SPIRAL PIPE DIPUSER
PROVIDE HALF LENGTH SCOOP EXTRACTOR
ADJUSTABLE ROUND CEILING DIFFUSER
SINGLE DEFLECTION
RADIUS SPIRAL PIPE GRILLE SPIRAL DUCT CEILING RD SPIRAL DUCT RSS RETURN 4 EXHAUST GLG GYPSUM RETURN 9/5 HORIZONTAL BAR FIXED BLADE CLG GYPSUM EXHAUST 600 EGGCRATE GRILLE VISION PROOF ALUMINUM

DOOR LOUVER TRANSFER GRILLE STORM RESISTANT, DRAINABLE BLADE EXTERIOR LOUVER 4525 EXTERIOR LOUVER WITH BIRDSCREEN

9. FOR THE EXACT LOCATION OF DIFFLIGHTS AND GRILLES REFER TO
ARCHITECTURAL, REFLECTED CELLING PLAN.
10. PROVIDE CANT-FARR, 2 INCH DEEP, MERV-13 FILLTERS IN RETURN AIR FLENUM OF
AIR HANCLERS. INSTALL DOUNSTREAM OF RETURN AIR AND FRESH AIR NTAKE.

AIR HANCLEIN, DIE HALL DOUND REATH OF THE LIBRY AIR AND PRESH AIR NI AND.

I. FLUES AND COMBUSTION HLET'S FOR RINARACES SHALL TREMINATE A MINIMUM OF

THREE (3) FIET ABOVE ANY FRESH AIR NLET WITHIN TEN (10) FIET.

2. OUTSIDE AIR NITAKE SHALL BE A MINIMUM OF 10° FIET AULY OR 3 FIETS BELOW

ENGABLY AIR DISCHARGE OR PLUMBING VENTS, COVER AIR NITAKE WITH IT MESH.

WINE.

3. 6LOPE ALL CONDENSATE LINES AT 1/4" PER FOOT, PRIMARY CONDENSATE
SHALL TERMINATE INDIRECTLY TO APPROVED PLUMBNA FIXTURE. IN LIBU OF
SECONDARY DRAIN, FLOAT SUUTCH FOR FLOS BUILL INTERQUIP FOURER TO THE
FANCOLL WITH WHEN MOISTURE IS DETECTED IN THE DRAIN PAIN PIPMS 6HALL BE
3/4" SCHEDULE 40 PVC UNESS OFTERWISE NOTED.

3/4" SCHEDULE 40 PMC INLESS OTHERWISE NOTED.

A DUCT MATERIA AND SEALING.

A DUCTING IN CONCEALED LOCATION SHALL BE GALVANIZED SHEET METAL.

PREN. NOULA TEEP FLEX DUCT HAY BE USED AS LEADERS (5" MAX.) TO AND FROM AIR TERMINALS, FER CINC 6/63/41, DUCT SHALL BE MANEACTIRED IN ACCORDANCE WITH CHARM (6" FIRE 10% CAC AND STRANG AUDIELINES).

B PRE-INAULATED FLEX DUCT SHALL HAVE AN R-VALUE - 80 COLICING SPOSED TO THE INSIDE SHALL BE SPIRAL DUCT AS MANUFACTURED BY SPIRAL, MANUFACTURING CO, INC. INSTALL PAINT GRADE DUCTING AND PAINT NEW DUCTING TO MATCH EXISTING DUCTING.

D.FACTORY-FABRICATED DUCT SYSTEMS SHALL COMPLY WITH ULIS DFACTORY *ABRICATED DUCT SYSTEMS SHALL COMPLY UTH ULBI.

FERTAL TO METAL JOINTS SHALL BE SEALED UTH MADIC SELLANT TO

ACCORDING TO MANAGEMENT RECOMMENDATION.

FINEE LINING OF FILEY DUTTON SHALL BE SECURELY FASTINED UTH A

PANDUT STRAP. THE EXTERIOR LINING (INSULATION) SHALL BE SECURELY

TAPED TO THE SHEET HETEL FITTING.

GUHERE TURNS AND/OR TRANSITIONS EXCEED 45 DEGREES USE SHEET METAL FITTINGS AND ELBOUS. PROVIDE SHEET METAL SLEEVES FOR ALL SPLICES.

H.ALL TAPES AND MASTIC SEALANTS SHALL COMPLY WITH ULIBI, UL. 181A, OR ULIBIB. ULIBIS.

NOTE: STATE OF STATE

DECEMBER.

16 SUPPORTS AND HANGERS FOR DUCTING SHALL BE IN ACCORDANCE WITH THE 2022 CALIFORNIA NECLANICAL CODE AND IN ACCORDANCE WITH SHACNA HYD DUCT CONSTRUCTION STANDARDS. HETAL AND FLEXIBLE. DUCTS SHALL BE SUPPORTED AT EACH CHANGE OF DIRECTION SUPPORTS AND SINTERVALS

(FINA).

II WARP ALL WILNED CONCEALED SUPPLY AND RETURN DUCTS WITH O.C.
FREEWILAGE DUCT REMAIN OR AT THIS CALLET IT THESE CALLOT FREE COLDER FOOT
PLACE WITH 46 WHEELE' COLD REACH SIDE OF GATANDAYS SEAR AND WORK
INSULATION, JOINT, LAF ALL, INSULATION, JOINTS 3'T MIN. INSULATED JUICTS TIGHT
AGAINST OTHER UIDON EDETICHE HAMMON IN PLACE
INSULATION, JOINT, LAF ALL, INSULATION, JOINTS 3'T MIN. INSULATE DUCTS TIGHT
AGAINST OTHER UIDON EDETICHE HAMMON IN PLACE

TO THE STATE OF THE STATE OF

AGAINST OTHER UIDN. SEPONE HANGING IN PLACE.

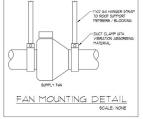
A RED DISTRIBUTION SYSTEM SHALL BE BALL ANCED BITLIN ALL APPROVED AND

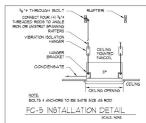
RESEARCH SHALL BE SHA

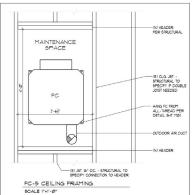
20. INSULATE CONDENSATE LINE WITH ARMSTRONG* 1/2" WALL THICKNESS "DG TUBO-9LIT", COND: #2/3" (FBU-IN-IR-*F) AT 15F IN ACCORDANCE WITH ASMT C 17 OR C 5/8 WITH THIRD PARTY TESTING SUPERVISION. WERER PIPING 16 EXPOSED TO WEATHER PROVIDE PVC JACKETING AROUND INSULATION.

TO LEATHER PROVIDE PYC JACKETING ABOUND INSULATION.

IF PER CALIGREEN SECTION 15903, AT TIME OF ROUGH INSTALLATION OF DURING STORAGE OF THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HYAC STISTEM, ALL DURING AND RELEASE AND UNTIL FINAL STARTUP OF THE HYAC STISTEM, ALL DURING AND PROVIDED THE HYACH STARTUP OF THE HYACH STISTEM AND THE STARTUP OF THE PROPERTY OF THE PROPERTY







								HVAC	EQUIPME	NT SCH	DULE			WHICH MAT COLLE	CI IN THE 5	TOTEM.	
			COOLING		HEATING			FAN				LECT.					
SYMBOL	AREA SERVED	TOTAL (BTU/HR)	SENSIBLE (BTU/HR)	COIL EDB/EWB (*F)	HIGH INPUT/OUTPUT (BTU/HR)	DB (*F)	CFM (1)	S.P. (WC)	O.A. (CFM)(1)	VOLTAGE	MCA	COMP. LRA	FUSE/MOCP	MFGR & MODEL NO.	WEIGHT (LBS)	EFFICIENCY	REMARKS
F-1 (E)	WEST OFFICES				120,000 /113,000	25	1,900	0.6	370	115 V. 1 PHASE	19.2		20	BRYANT #355MAV060120	156	AFUE = 92	EXISTING FURNACE MOUNTED IN UPFLOW POSITION
CU-1 (E)	WEST OFFICES	51,350	47,800	80/63				-		208/230 V. 1 PHASE	37.5	165	60	BRYANT #105ANA060	294	SEER = 14.0	EXISTING GROUND MOUNT CONDENSING UNIT
DX-1 (E)	WEST OFFICES	PERFORMANCE	FOR CU-1 ABO	VE IS BASED ON TH	IIS COIL									BRYANT # CK5BXA060	81		EXISTING DIRECT EXPANSION COIL
F-2 (E)	RECEPTION LOUNGE				120,000 /113,000	25	1,900	0.6	300	115 V. 1 PHASE	19.2		20	BRYANT #355MAV060120	156	AFUE = 92	EXISTING FURNACE MOUNTED IN HORIZONTAL POSITION
CU-2 (E)	RECEPTION LOUNGE	51,350	47,800	80/63						208/230 V. 1 PHASE	37.5	165	60	CARRIER #38BRC060	294	SEER = 10.0	EXISTING GROUND MOUNT CONDENSING UNIT
DX-2	RECEPTION LOUNGE	PERFORMANCE	FOR CU-2 ABO	VE IS BASED ON TH	IIS COIL									BRYANT # CK5BXA060	81	-	EXISTING DIRECT EXPANSION COIL
F-3 (E)	BREAKROOM COMPUTER TRAINING				40,000 /36,800	25	1,200	0.6	275	115 V. 1 PHASE	13	-	15	BRYANT #355MAV042040	120	AFUE = 92	EXISTING FURNACE MOUNTED IN UPFLOW POSITION
CU-3 (E)	BREAKROOM COMPUTER TRAINING	32,600	32,300	80/62				000		208/230 V. 1 PHASE	25.5	137	30	BRYANT #563CN036	225	SEER = 12.0	EXISTING GROUND MOUNT CONDENSING UNIT
DX-3 (E)	BREAKROOM COMPUTER TRAINING	PERFORMANCE	FOR CU-3 ABO	VE IS BASED ON TH	IIS COIL									BRYANT II CKSBXA048	81		EXISTING DIRECT EXPANSION COIL
F-4 (E)	MEETING ROOMS PHASE II				80,000 /73,600	25	1,400	0.6	270	115 V. 1 PHASE	13		15	BRYANT #355MAV042040	120	AFUE = 92	EXISTING FURNACE MOUNTED IN HORIZONTAL POSITION
CU-4 (E)	MEETING ROOMS PHASE II	32,600	32,300	80/62	270					208/230 V. 1 PHASE	26.3	115	40	BRYANT #563CN048	225	SEER = 12.0	EXISTING GROUND MOUNT CONDENSING UNIT
DX-4 (E)	MEETING ROOMS PHASE II	PERFORMANCE	FOR CU-4 ABO	VE IS BASED ON TH	IIS COIL									BRYANT III CKSBXA048	81		EXISTING DIRECT EXPANSION COIL
FC-5 (N)	LAUNDRY	18,000	12,500	80/67	11,000	17	560	-	160 (3)	(4)	0.5	(4)	(4)	MITSUBISHI # NTXCKS18A112AA	31		NEW CEILING CASSETTE FANCOIL PROVIDE CONDENSATE PUMP (5) DIMENSIONS: H=9-21/32", W=22-7/16", D=22-7/16" BUILT-IN FLOAT SWITCH FOR CONDENSATE SOUND - 44 DbA
HP-5 (N)	LAUNDRY	18,000	12,500	80/67	11,000	17		1		208/230 V. 1 PHASE	14	()	24	MITSUBISHI# NTXSKS18A112AA	127	HSPF2 = 10.0 SEER2 = 21.0 EER2 = 12.5	NEW WALL MOUNTED OUTDOOR HEAT PUMP SOUND - 53 DBA DIMENSIONS: H=34-5/8", W=33-1/16", D=13" PROVIDE DIVERSITECH QSB2000M WALL BRACKET

... INSTALL NEW BALANCING DAMPERS IN RA AND DA DUICTING FROM RA PLENLIM AND ADUIST TO PROVIDE INDICATED VENTILATION

NOTO USED
 OUTSIDE DAR FOR FC-5 WILL BE PROVIDED BY SUPPLY FAM, SF-5, DUCTED TO FAMCOIL
 ELECTRICAL FOR INDOOR UNITS, FC-9 WILL BE PROVIDED BY OUTDOOR UNITS, FP-9.
 COMDENSATE FAMPS SHALL BE GOB IMMONIFACTURED BY REFCO. SPECIFICATIONS: 1.5 GPH, HEAD = 65 FT, 1.3 LBS, 20 DBA.

							FAN S	CHEDULE					
			COOLING		FAN			ELECT.					
SYMBOL	QTY.	AREA SERVED	DESCRIPTION	CFM	S.P. (WC)	RPM	VOLTAGE	BHP	WATTS	MFGR & MODEL NO.	WEIGHT (LBS)	SONES	REMARKS
EF-1 (N)	1	STAFF RR	CEILING CABINET FAN	80	0.25	-	115 V. 1 PHASE		9.4	PANASONIC WHISPERGREENFIT** FV-0511VF1	11.2	0.8	UNIT HAS BUILT-IN BACKDRAFT DAMPER EXHAUST FAN SHALL HAVE 4" DUCT CONNECTION FAN HAS 3 HIGH SPEED SETTINGS: 50, 80, 0R 110 CFM FAN SHALL BE ENERGIZED BY ROOM LIGHT SWITCH
EF-2 (N)	1	BREAK ROOM	CEILING CABINET FAN	111	0.25	-	115 V. 1 PHASE		16.4	PANASONIC WHISPERCEILING™ SMARTFLOW™ FV-0511VQ1	11	0.9	UNIT HAS BUILT-IN BACKDRAFT DAMPER EXHAUST FAN SHALL HAVE 6° DUCT CONNECTION FAN SHALL BE ENERGIZED BY FAN IN 1-3. PROVIDE CONTROL WITH SEPARATE SWITCH SELECT DESIRED AIRFLOW (50-80-110 CFM)
EF-3 (N)	1	SHOWERS	IN-LINE EXHAUST FAN	200	0.4	-	115 V. 1 PHASE		53.2	PANASONIC WHISPERUNE** FV-20-NLF1	19.1	1.2	UNIT HAS BUILT-IN BACKDRAFT DAMPER FAN SHALL BE ENERGIZED BY FAN IN FC-S. PROVIDE CONTROL WITH SEPARATE SWITCH. SUSPEND FAN FROM ROOF FRAMING L=13-3/8", W9-9-12;H-7-7/8"
EF-4 (N)	1	JANITOR	CEIUNG CABINET FAN	80	0.25		115 V. 1 PHASE		9,4	PANASONIC WHISPERGREENFIT™ FV-0511VF1	11.2	0.8	UNIT HAS BUILT-IN BACKDRAFT DAMPER EXHAUST FAN SHALL HAVE 4" DUCT CONNECTION FAN HAS 3 HIGH SPEED SETTINGS: 50, 80, OR 110 CFM FAN SHALL BE ENERGIZED BY ROOM LIGHT SWITCH
EF-5 (E)	1	PHASE II RR	CEILING CABINET FAN	80	0.25		115 V. 1 PHASE	***	9.4	PANASONIC WHISPERGREENFIT™ FV-0511VF1	11.2	0.8	UNIT HAS BUILT-IN BACKDRAFT DAMPER EXHAUST FAN SHALL HAVE 4" DUICT CONNECTION FAN HAS 3 HIGH SPEED SETTINGS: 50, 80, OR 110 CPM FAN SHALL BE ENERGIZED BY ROOM LIGHT SWITCH
SF-5 (N)	1	LAUNDRY	IN-LINE SUPPLY FAN	160	0.3	4046	120 V. 1 PHASE		17.1	FANTECH FG 4XL EC	5.5	N/A	FAN SHALL BE ENERGIZED BY FAN IN FC-7 SEE DETAIL, SHT MO.1 SUSPEND FAN FROM ROOF FRAMING

NOVES:

I INSTALLI/MOUNT EXHAUST FAMS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

FIELD LOCATE DUCT TERMINATIONS FOR EXHAUST FAMS. THEY SHALL NOT TERMINATE IN ATTIC OR WITHIN 3 FEET OF OPERABLE DOOR OR WINDOW.



ENERGY 4 MECHANICAL CONSULTANTS 541 UREN STREET NEVADA CITY, CA 95959 PHONE (530) 265-2492 FAX (53Ø) 265-2273



BID DOCUMENT

CENTER

RESOURCE COMMONS 95945 COUNTY 1105 SUTTON WAY GRASS VALLEY, CA 9 NEVADA

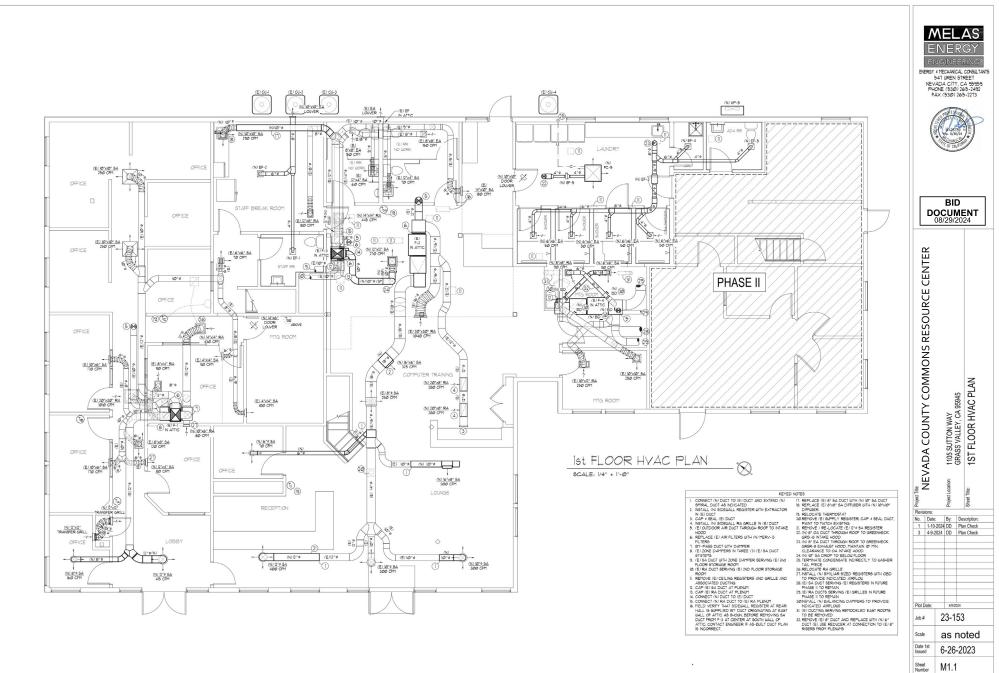
SPECIFICATIONS

NOTES

HVAC

No. Date: By: Description: 1 1-10-2024 DD Plan Check 3 4-9-2024 DD Plan Check Plot Date 4/9/2024 23-153 as noted Date 1st Issued 6-26-2023

M_{0.1}





PIPE MATERIAL SCHEDULE

SANTARY WASTE 4 VENTING MATERIALS

(A) DRAINAGE WASTE AND VENT PIPING SHALL BE SCHEDULE 40 ABS

DIV. NO HIB CAST IRON OR OTHER APPROVED MATERIAL HAVING A

SHOOTH AND UNIFORM BORE. FITTINGS SHALL BE MADE OF SIMILAR

FOLKALE MATERAL RIPONS

(A) SCHEDULE AND PROPER MEETING THE REQUIREMENTS OF ATM D. 1989

(A) SCHEDULE AS PICK PIPE MEETING THE ROLLING THE BUILDING, AND THE MEETING SHALL BE THE RIPONS OF THE BUILDING AND THE RIPONS OF THE K. COPPER, AST MEETINGS SHALL BE THE K. COPPER, AST MEETINGS AND THINGS SHALL BE THE K. COPPER, AST MEETINGS AND THE REPORT OF TH

PLE CAS PIPMS

(A) SCHEDULE 40 BLACC STEEL PIPE ASTT AS), SCHEDULE 40 BLACC,

(A) SCHEDULE 40 BLACC STEEL PIPE ASTT AS), SCHEDULE 40 BLACC,

(A) SCHEDULE 40 BLACC STEEL PIPE ASTT AS), SCHEDULE 40 BLACC,

(A) SCHEDULE 40 BLACC STEEL PIPE AS AN INCOLAT EACH

(C) SCHEDULE 40 BLACC STEEL PIPE UTIL FACTORY BLACCHEDULE 40 APPROVED BY LOCAL ADVINCATIVE AND SCHEDULE 40 BLACC SC

SCOPE OF WORK

• INSTALL THREE (3) NEW INSTANTANEOUS GAS WATER HEATERS AS

NOTICALED ON PLANS.

CONTRACTOR SHALL SCOPE EXISTING WASTE SYSTEM TO VERRY THE LOCATION AND SIZE IS AS INDICATED ON PLANS, VERRY INVERT ELEVATION AS WELL.

FIELD VERIFY PIPING CONFIGURATION, ANY ALTERATION FROM WHAT IS INDICATED ON PLANS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION.

IS NECLATED ON FLAMS SHALL BE BEOLDS TO THE ARCHITECTS

IS NETTICE BESITED, PIPMS ON FIGURE TO BE RELIED ON PLANS

SAULUT EXISTING SLAB FOR NEU MASTE PIPMS AS NOLGATED ON

FLAMS, PATOL TO MATCH EXISTING.

2. ALL MATER AND MASTE PLUMBING INSTALLATION WORK AND ALL

PLUMBING THEREALS SHALL BE IN ACCORDANCE WITH THE 2022

3.11 IS THE INSTALLING CONTRACTIONS YESSENDAISBILITY TO ASSURE ALL

LOCAL, STATE AND REGIONAL GODES.

ALL LOCK SALL, CONCRACTIONS YESSENDAISBILITY TO ASSURE ALL

LOCAL, STATE AND REGIONAL GODES.

ALL LOCK SALL, CONCRACT TO THE ACCEPTED STANDARDS OF THE

THE TO BE NECESSARY. TO DE NOTIFIED F ANY SUBSTITUTIONS ARE

SEEN TO BE NECESSARY.

SEEN TO BE NICESDAMY.

BUT AND COLUMER PIPE BITNO IS BASED ON CLUART A 1091 OF THE 2001 CPC. AT THE RECTION LOSS THE 800 FT NO ICATED ON THE 2001 CPC. AT THE RECTION LOSS THE 800 FT NO ICATED ON THE 2001 CPC.

FOR PIPE LENGTH IN TABLE 10 6/11.

FOR PIPE LENGTH IN TABLE 10 6/11.

FOR PIPE LENGTH IN TABLE 10 6/11.

FOR PIPE BITNO FOR NATURAL, 406 THE 50 FT AND THE 1001 CPC.

FOR SITTING FOR NATURAL, 406 THE 50 FT AND THE 1001 CPC.

FOR SITTING FOR NATURAL, 406 THE 50 FT AND THE 1001 CPC.

FOR SITTING FOR NATURAL, 406 THE 50 FT AND THE 1001 CPC.

FITTING EQUIVALENT LENGTH = 12 FEET.
 USE 90 FEET ROW IN TABLE 1216.2(1).

UDE WO FEEL ROU IN TABLE 1962(1).
 GAS PIPMS GHALL SCHEDULE 40 BLACK STEEL.

S.PROVIDE SHUTOFF VALVES OR STOPS AT EACH CONNECTION, AT GAS CONNECTIONS, PROVIDE GAS COCK, DIRT LEG, UNION AND PLEX CONNECTIONS.

ENGINEERS' ATTENTION.

10. CONTRACTOR SHALL VERIFY SITE DIMENSIONS, NO CHANGE ORDERS

WILL BE ALLOWED FOR CONDITIONS WHICH COULD BE VERIFIED.

BEFORE CONSTRUCTION.

IL CONTRACTOR SHALL COORDINATE WITH OTHER TRADES, NO CHANGE ORDERS WILL BE ALLOWED FOR ITEMS THAT COULD HAVE BEEN COORDINATED IN THE FIELD.

12.PLUMBING FIXTURES NOT SPECIFIED ON PLANS SHALL BE SELECTED BY THE INSTALLING SUBCONTRACTOR AND SUBMITTED TO THE CUMER'S REPRESENTATIVE FOR APPROVAL FIXTURES SHALL MEET 1022 CPC AND CAL-GREEN CODES, MAXPUM FLOW RATES SHALL BE 45 FOLLOWS.

PLUMBING NOTES

AS FOLICUS - SNAS - SNA

PIPING UP9/JED.

LIVORIZONTAL YENT PIPE SHALL BE SO GRADED AND CONNECTED AS TO DRIP BACK BY GRAVITY TO THE DRAINPIPE IT SERVES PER 2022 OPC 9093, VENT PIPE SHALL TERMINATE A MINIMUM OF 10 FEET FROM FRESH AIR. INTAKE.

FROM FRESH AIR NITAKE.

B. NOLLATE ALL POTABLE HOT WATER SUPPLY 4 RETURN PIPMS WITH
K-PLEN P WALL THICKNESS NOUL TUBE? OR EQUAL.

K-PLEN P WALL THICKNESS NOUL TUBE? OR EQUAL.

SPACE NA ACCORDANCE WITH ASTH CITT OR CONCINCIONED

B FOR EXACT LOCATION OF PLUMENS FIXTURES AND MOUNTINS
HEIGHTS SEE EXACTECTURAL ELEVATIONS.

PAUGHTO, DE ARCHITECTURAL ELEVATIONS.

20 PIPINA SHALL BE SUPPORTED AND BRACED IN ACCORDANCE WITH CHAPTER 3 OF THE 1202 CPC WITH SUPERSTRUT HANGERS, OR EQUAL. PROVIDE ISOLATORS AT ALL HANGERS WHERE PIPING IS NOT NOW, ATEN

INSULATED. 21.TRAP PRIMERS SHALL BE PROVIDED FOR ALL FLOOR DRAINS AUTHOR FOR ISSANDLE BE FRANCISED FOR ALL FLOOR DRAINS, 22. CLEANOUTS IN FIRE RATED WALLS SHALL HAVE BOTH HETAL BOOT AND COVER CONSISTENT WITH PIPE MATERIAL SCHEDULE. 32. FILUPIBAY SHATE SHALL BE AT LEAST IO FROM OR 3. ABOVE ANY DOOR, OPENABLE WINDOW MECHANICAL AIR INTAKE, OR OTHER NLETS NOT THE BUILDING PER CPC 966.2.

PRIOR TO FINAL INSPECTION, CLEAN AND DISINFECT DOMESTIC HOT

PRIOR TO FINAL INSPECTION CLEAN AND DISN'RECT DOMESTIC HO AND COLD-WATER PIPINS CONNECTED TO DOMESTIC WATER MAINS PIPING SHALL BE SETERILIZED WITH A MIXTURE OF 2 POUNDS CHLORNATED LIME TO EACH 1000 GALLONS OF WATER (50 PPM OF AVAILABLE CHLORNES)

OF AVAILABLE CHLORNE).

RETAIN THE MINTURE IN PIPES 24 HOURS AND FLUSH IT THOROUGHLY UITH POTABLE WATER PRIOR TO FLACING IT IN SERVICE.

PERFORM ALL WORK PER MILLIO STAND AS REQUIRED BY LOCAL BUILDING AND AS REQUIRED BY LOCAL BUILDING AND HALLIN DEPARTMENT CODES.

GAS PIPE TESTING

USE_TITE_IEDING
ALL TESTING SHALL BE IN COMPLIANCE WITH SECTION DIS OF THE
2012 CALIFORNIA MECHANICAL CODE.
1957 ALL NEW PIPMOA AT FOUR AT 17 THEST THE WORKING PRESSURE
DISTORMED AND LOSS OF PRESSURE DURNOR THAT THE FIRECO WILL
BE SEEN AS A LEAK IN THE STRETE CONNECTION BETWEEN ENPIPMOA AND EVISION SHALL BET ESTED USING SOAP AND
WAITER OF SHALL PRESSURE AND LEAK THE STRETE USING SOAP AND
WAITER OF SHALL PRESSURE AND LEAK THE STRETE USING SOAP AND
WAITER OF SHALL PRESSURE AND LEAK CHETCHER AND THE

ALL JOINTS AND WELDS SHALL BE LEFT EXPOSED FOR EXAMINATION DURING TEST.

EXAMINATION DURNS TEST.

SEPAIR ANY LEAKS FOUND BY REMAKING THE JOINT, DO NOT USE
CALLKING OR SHILLAR METHODS TO CORRECT LEAKS, AFTER LEAKS
ARE REPLAIRED, AGAIN TEST THAT PORTION OF THE SYSTEM AS
DESCRIBED AGOVED.

18 TESTING OF LIPTING

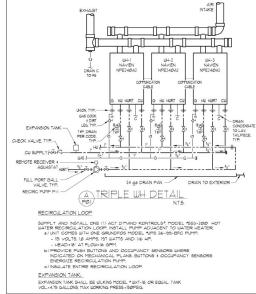
9. LEDING OF PIPING (A) ALL PIPING SHALL TESTED AT COMPLETION OF ROUGH-IN, TEST IN ACCORDANCE WITH THE POLLOWING SCHEDULE TO SHOW NO LOSS IN PRESSURE OR VISIBLE LEAKS AFTER A MINIMUM DURATION OF FOUR (4) HOURS AT THE TEST PRESSURE INDICATED.

(B) ISOLATE FROM THE SYSTEM ALL EQUIPMENT WHICH MAY BE DAMAGED BY TEST PRESSURE. TEST SCHEDULE AS FOLLOWS:

TEST INTESTIGNET PAIN
TEST INTESSURE PAIN
ALL SOIL WASTE DRAIN PILL WITH WATER TO TOP OF WATER
AND VEXT PRINS WITHIN ALLOW TO STAND 2 HOURS OR
LOVER AS DIRECTED BY TEST WITH

INSPECTOR.

HOT TEMPERED AND 150 PSIG COLD PIPING.





WATER AND WASTE SERVICE CALCULATIONS

1105 SUTTON WAY

		· LOMB.	NG EQUIPMENT S	OHEDOLL
SYMBOL	DESCRIPTION	MFGR. & MODEL No.	SPECIFICATIONS	ACCESSORIES
WH-1	NPE SERIES TANKLESS GAS WATER HEATER	NAVIEN NPE-240A2	TANKLESS WATER HEATER, UEF=0,95 RECOVERY = 5.6 GPM AT 67°F RISE INPUT = 13,300 - 199,900 BTUHR DIMENSIONS: 17.3°W x 13.2°D x 27.4° HT POWER: 120V, 350W, 4A	1. PROVIDE TWO (3) WATER HEATERS CONNECTED IN SERIES WITH JOINT REGISCULATION PUMP 2. COMBINE 3-2" PIPC INTAKE VENTS INTO A 3" PIPC VENT TO GABLE END SIDEMAL INTAKE CAP. 3. COMBINE 3-2" PIPC ENTAILST VENTS INTO A 3" PIPC VENT TRISER TRIPOLINE ROOF TO ROOF CAP. 4. PROVIDE HARDWIRED PUSH BUTTONS AND OCCUPANCY SENSORS TO ENGRAGE SERGISCHLOTHON PUMP. LOCATION OF CONTROLS INDICATED ON PLANS. 5. DEAIN CONDENSATE INDIRECTLY TO LAYATORY TALLPIECE

		PLUMB	ING FIXTURE SCHEDULE	
SYMBOL	DESCRIPTION	MFGR. & MODEL No.	SPECIFICATIONS	ACCESSORIES
FD	FLOOR DRAIN	J.R. SMITH 2005 A or B	5" DIAMETER (A) or 6" SQUARE (B) NICKEL BRONZE TOP WITH 2" PIPE, FLANGE AND SEEPAGE PAN.	1. PROVIDE TRAP PRIMER CONNECTION
TP-1	TRAP PRIMER		PRESSURE ACTIVATED CORROSION RESISTANT LEAD FREE BRASS TRAP PRIMER, 1/2" INLET & OUTLET	1. PROVIDE 12X12 ACCESS DOOR FOR CONCEALED UNIT
wco	WALL CLEANOUT	ZURN Z-1468	ROUND STAINLESS STEEL WALL ACCESS COVER WITH BRONZE RAISED HEX HEAD PLUG	
NOTE: SEE AR	CHITECTURAL PLANS FOR TYPICAL PLU	MBING FIXTURES		



MELAS ENERGY 4 MECHANICAL CONSULTANTS 541 UREN STREET NEVADA CITY, CA 95959 PHONE (530) 265-2492 FAX (53Ø) 265-2273 BID

DOCUMENT

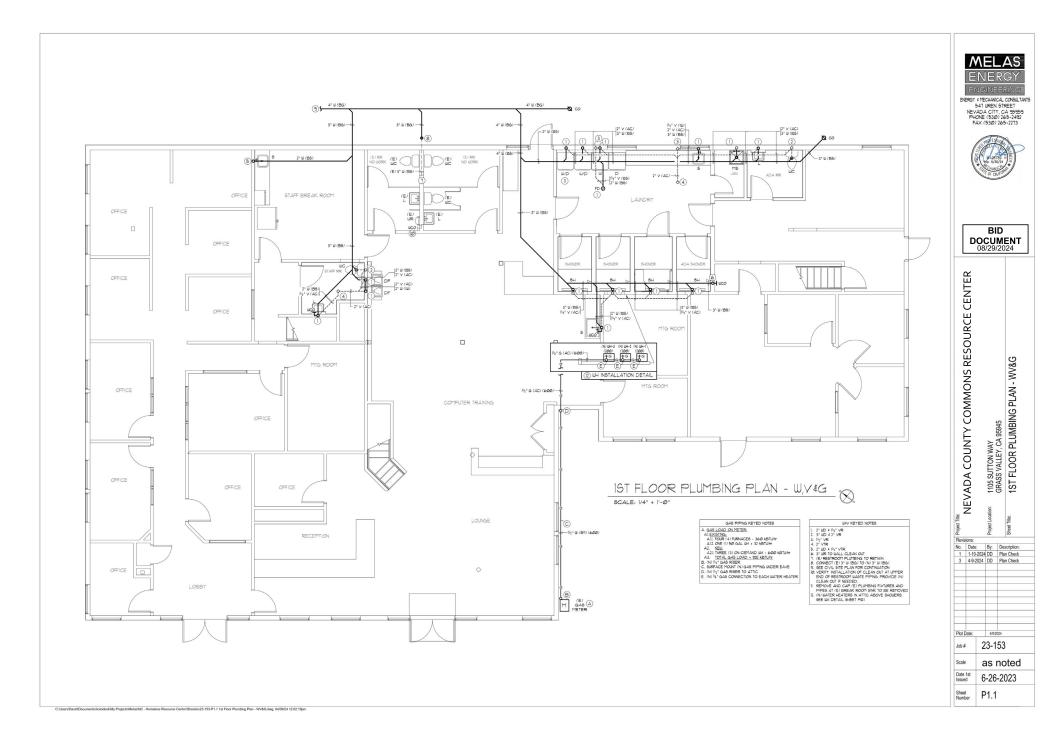
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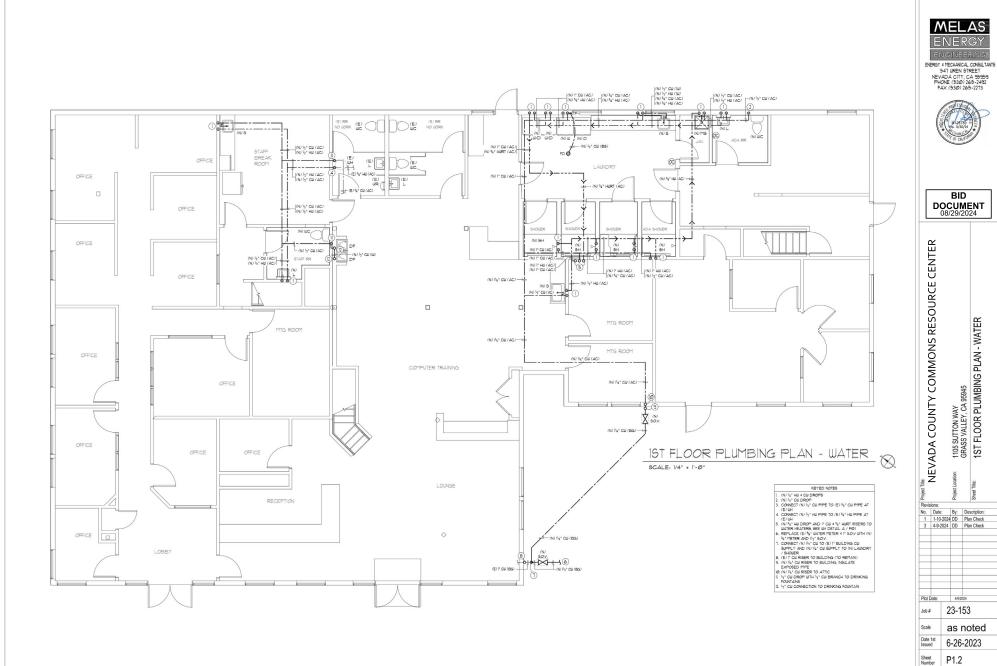
RESOURCE SPECIFICATIONS COMMONS NOTES AND COUNTY 5 SUTTON WAY ASS VALLEY, CA 9 PLUMBING NEVADA 1105 GRAS No. Date: By: Description: 1 1-10-2024 DD Plan Check 3 4-9-2024 DD Plan Check Plot Date 4/9/2024 23-153 as noted

6-26-2023

Date 1st

Sheet Number P0.1





(My Projects/Melas)NC - Homeless Resource Center/Sheetsix23-153-P1.2 1st Floor Plumbing Plan - Water.dwg, 04/09/24 12:52:25pm

LOAD & FEEDER **CALCS** 26% CONTINUOUS LOAD 25% LARGEST MOTOR AMPS @ 208Y/120V-30HW 3,175 1,232 64,369 AMPS @ 2007/120V-34-6W EXISTING 200 AMP FEEDER SERVICE CALC 64,309 33,611 97,920 EXISTING 400 SERVICE IS ADEQUATE.

NOTE:

E.C. SHALL VERIFY (E) CIRCUITING & MAKE ADJUSTMENTS WHERE NECESSARY, PROVIDE TYPED, UPDATED PANEL SCHEDULES AFTER COMPLETION OF WORK.

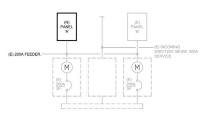
NOTE TO CONTRACTOR

THE CONTRACTOR SHALL THOROUGHLY REVIEW THESE ELECTRICAL CONSTRUCTION DOCUMENTS PRIOR TO PREPARING A BB FOR THE ELECTRICAL WORKN SHOWN THE ELECTRICAL WORKNINGTOR SHALL BE ELECTRICAL WORKNINGTOR SHALL BOTH AND CONNECTION REQUIREMENTS. THE CONTRACTOR SHALL BOTHY THE REQUIRED REMORALITY OF ANY CONFLICTS OR DISCREPANCIES FOUND PRIOR TO BID. BY SUBMITTING A BD FOR THE ELECTRICAL WORK, THE VERIFICATION OF EUSTING COMPILETOR POINTS OF COMPLETE PROMISE FOUND ASSUMES FULL RESPONSIBILITY FOR CONFLICTS FOUND AFTER THE AWARD OF THE ELECTRICAL CONTRACT. AND ADDITIONAL COMPISSATION WILL BE AVAISED OF THE ELECTRICAL CONTRACT.

■ N	EW DEXISTING					1/	١,			AIC:		TO MATCH EX	STING	
VOL	TAGE: 2	08Y/120V	-3Ø-4W	1		F	١			MAIN:			MLC	
BUS	S:		225A	MOUNTING:					FLUSH	LOCATION:		С	CLOSET	
88	LOAD DESCRIPTION		OLT-AMPER		CB	81		CB		OLT-AMPER		LOAD DESCRIPTION	8	
02		øΑ	ø₿	#C	10	A E	3 C	10	øA	#8	#C			
1	GREG OFFICE RECS & LTG	1,220			20	н	H	2	1,600			OFFICE LTG	2	
3	OFFICE LTG		1,600		29	ш	H	29/1		1,600		OFFICE LTG	4	
5	OFFICE RECS			1,080	20	Н	+	29			1,800		6	
7	HALL LTG & RECS	1,320			29/	н	H	29/1	1,500			SERVER	8	
9	WATER HEATERS		1,700		20	ш	Н	29 1		720		RM 123 / TRAINING CTR RECS	10	
11	LIGHTING			1,600	29	1	₩	9			1,220	CRYSTAL OFFICE	12	
13	RECEPTACLES	1,800			20	ш	₩	20	720			RECEPTION AREA RECS	14	
15	LIGHTING		1,600		20	1	н	397		1,600		LIGHTING	16	
17	FRONT LOBBY RECS			1.080	29	ш	₩	20/			1.800	RECEPTACLES	18	
19	FRONT EXTERIOR LTS	600			20	Н	Н	20	1,000			METAL DETECTOR	20	
21	JOHN?		1.220		29	ш	н	29/				SPARE	22	
23	LAUNDRY RECS			360	20	ш	₩	20				SPARE	24	
25	LANDSCAPE RECS	360			29	ш	н	30	360			PHONE BOARD REC	26	
27	AIR-CONDITIONER "AC-4"		2.579		50/	ш	н	30/		1.976		AIR-CONDITIONER "AC-3"	28	
29	J.			2,579	1/2	ш	₩	1/2			1.976	1	30	
31	HEAT PUMP "HP-5"/FAN COIL "FC-5"	1.456			25/	ш	4	20/	1.500		- 1,010	WASHER 2	32	
33	J.		1.456		1/2	ш	н	30/		2.500		DRYER 2	34	
35	DRYER 1		.,	2,500	30/	ш	4	/2		2,000	2.500	1	36	
37	V.	2.500			1/2	ш	н	30/	2.500			DRYFR 3	38	
39	WASHER 1	E1000	1.500		20	ш	Н	1/2	E)CCC	2,500		N/	40	
	SPACE		.,000			1	Н	20		_,000	1,500	WASHER 3	42	
SUE	TOTAL	9,256	11,655	9,199	Г			П	9,180	10,896	10,796	SUBTOTAL		
тот	AL VOLT-AMPERES/PHASE:	Ø	A = 18,4	36	_	6	1B =	22,5	51		ØC = 19.	.995		
TOT	AL DESIGN VOLT-AMPERES: 60.982					_					AMPS =	160		

□N				1		'B'			AIC:			EXISTING
VOL	TAGE:	208Y/120V	-3Ø-4W			_			MAIN:			MLO
BUS	E .		225A	MOUNT	ING:			FLUSH	LOCATI	ON:		ATTIC
52	LOAD DESCRIPTION		LT-AMPER		CB	BUS	CB		OLT-AMPER		LOAD DESCRIPTION	88
	DECEDE OF DECE	ØA.	PE	#C	10	ABC	10	#A	PE	#C		
1	RECEPTION RECS	1,800			20	+	2	1,800			LOAN RECS	2 4 6
3	STAIRWAY LTG	\rightarrow	500		2	+	2		1,200		PROCESS LTG	- 4
5	PROCESS RECS			1,800	2	+++	2			1,800	LOAN RECS	- 6
7	COPY & HALL LTG	600			20	+++	- 62	560			BATHROOMS	8
9	HVAC ROOM LTG		300		20/1	+++	- 29	2	600		BOTTLE FILLER	10
11	LOAN LTG			1,200	20	+++	- 20			500	HALL LTG	
13	HVAC BECOOD	- 1818	00		20	+++	100				SPARE	14
15	COMPUTÉR FLOOR RECS		540		201	+++	- 29		1,200		OFFICES LTG	16
17	FIVAC REC	900		1,818	130	+++	- 32 1				FIRE ALARM	18
	STORAGE RECS	1,800			20	+++	197				SPARE	20
21	STORAGE RECS		1,800		1997	+++	40/		2,322		AIR-CONDITIONER "AC-1"	22
23	WHTH ROOM REGION	000		1.800	19/1	+++	1/2			2.322	N/	24
25	COMPUTER FLOOR RECS	360			297	+++	40/	2,322			AIR-CONDITIONER "AC-2"	26 28
27		900			т	+++	1/2		2,322		N/	28
	SPACE				т	+++	·M				SPACE	30
SUB	TOTAL	6,378	3,140	6,618	П		П	4,682	7,644	4,922	SUBTOTAL	
TOT	AL VOLT-AMPERES/PHASE:	Ø	A = 11,0	60		ØB =	10,7	14		ØC = 11	540	
	AL DESIGN VOLT-AMPERES: 33.3	0.4							7	AMPS =	~~~	

① E.C. TO VERIFY BREAKER SIZE W/ MECHANICAL INSTALLER.



ONE-LINE DIAGRAM

SYMBOL LIST

SURFACE MOUNTED LIGHT FIXTURE

EXIT LIGHT - CEILING MOUNTED WITH ARROWS AS SHOWN

\$2 TWO POLE TOGGLE SWITCH, @ +44" UNO

 Θ WALL / CEILING MOUNTED OCCUPANCY SENSOR

DEDICATED, 15 AMP 125V 3W NEMA 5-15R DUPLEX RECEPTACLE, @ +18" UNO

SWITCHED, 15 AMP 125V 3W NEMA 5-15R DUPLEX RECEPTACLE, @ +18" UNO

\$ MOTOR RATED SINGLE POLE SWITCH, @ UNIT UNO

MOTOR, N.I.E.S. CONNECT AS REQUIRED, NUMBER INDICATES HP

MAIN SWITCHBOARD OR MOTOR CONTROL CENTER, SEE ONE LINE DIAGRAM

▼ TELEPHONE OUTLET, 4" SQ. BOX w/ SINGLE DEVICE RING & PLATE @ +18" UNO

▼ COMBINATION PHONE/DATA OUTLET, 4" SQ. BOX w/ SINGLE DEVICE RING & PLATE @ +18" UNO

†

TELEPHONE TERMINAL BACKBOARD; 4' x 8' x 3/4" PLYWOOD OR AS NOTED

W/ DOUBLE DUPLEX RECEPTACLE & 1 #6 GND

--- CONDUIT RUN CONCEALED BELOW FLOOR OR FINISHED GRADE

BRANCH CIRCUIT WITHOUT FURTHER DESIGNATION INDICATES A 2 #12 WIRE CIRCUIT

FI FMFRGFNCY LIGHT

NI NIGHT LIGHT

C. CONDUIT

WP WEATHERPROOF

DT DUAL-TECH

⊗ SMOKE DETECTOR

1> FLAG NOTE SHOWN ON SAME SHEET

SECTION DESIGNATION; TOP LETTER INDICATES SECTION, BOTTOM LETTER/NUMBER INDICATES SHEET

MECHANICAL & PLUMBING EQUIPMENT DESIGNATION

SPECIAL OUTLET. SEE PLANS FOR SPECIFICATION

RECESSED LIGHT FIXTURE

⊢O→ STRIPLIGHT

D RECESSED FIXTURE

O SURFACE MOUNTED LIGHT FIXTURE

O+ WALL MOUNTED LIGHT FIXTURE

EMERGENCY LIGHTING FIXTURE - SURFACE MOUNTED

\$ SINGLE POLE TOGGLE SWITCH, @ +44" UNO

\$1 THREE-WAY TOGGLE SWITCH, @ +44" UNO

\$0 DIMMER SWITCH, @ +44" UNO

\$ KEY OPERATED SINGLE POLE TOGGLE SWITCH, @ +44" UNO

(X) FIXTURE TAG; LETTER INDICATES TYPE

JUNCTION BOX, SIZE & TYPE AS INDICATED OR AS REQUIRED

□ 15 AMP 125V 3W NEMA 5-15R DOUBLE DUPLEX RECEPTACLE,

 □ +18

 □ UNO

□ NON-FUSED DISCONNECT SWITCH

□ CIRCUIT BREAKER DISCONNECT SWITCH

FJ FUSED DISCONNECT SWITCH, SIZE PER UNIT LABEL

M CONTROL EQUIPMENT, N.I.E.S. CONNECT AS REQUIRED

PANELBOARD - SEE SCHEDULE

☐ DATA OUTLET, 4" SQ. BOX w/ SINGLE DEVICE RING & PLATE @ +18" UNO

- CONDUIT CONCEALED IN CEILING OR WALL

HOMERUN TO RESPECTIVE PANEL OR TERMINAL CABINET

--- CONDUIT RISER - UP

- CONDUIT RISER - DOWN

NORTH CRUTI WITHOUT FORTHER DESIGNATION INDICATES A 2 #12 WRC. C ADDITIONAL NO. OF #12; — #1 → 3 #12; — #1 ← 7 ≥ #12 & #1 1 #12 GND; — #11 ← 7 5 #12 & 1 #12 GND; ETC. OTHER WRE SIZES; — #1 ← 7 ≥ #10 & 1 #12 GND; — 4 ← 7 3 #4 & 1 #8 GND; ETC.

MT EMPTY CONDUIT WITH PULLSTRING

(E) EXISTING

OR OVERRIDE

PIR PASSIVE INFRARED

FACP FIRE ALARM CONTROL PANEL

NIES NOT IN ELECTRICAL SECTION OF THESE PLANS & SPECIFICATIONS

UNO UNLESS NOTED OTHERWISE

DETAIL DESIGNATION; TOP NUMBER INDICATES DETAIL, BOTTOM LETTER/NUMBER INDICATES SHEET

MECHANICAL & PLUMBING EQUIPMENT DESIGNATION

WALLIS DESIGN STUDIO ARCHITECTS, INC.

415 W Main St Grass Valley, Ca 95945 (530) 264-7010 WallisDesignStudio.com

NEVADA COUNTY COMMONS RESOURCE

CENTER BID DOCUMENT 08/29/2024

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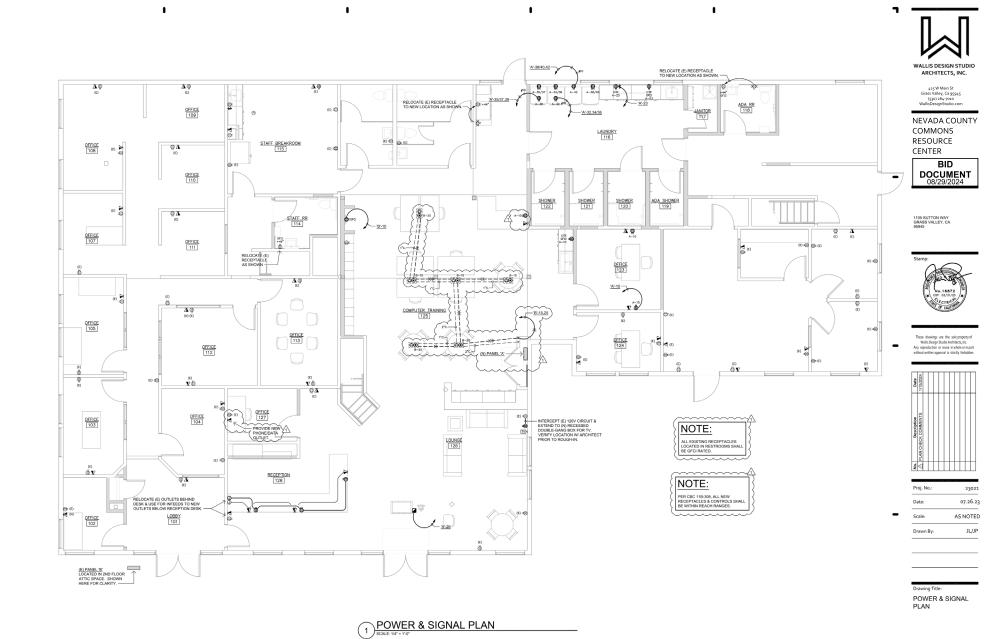




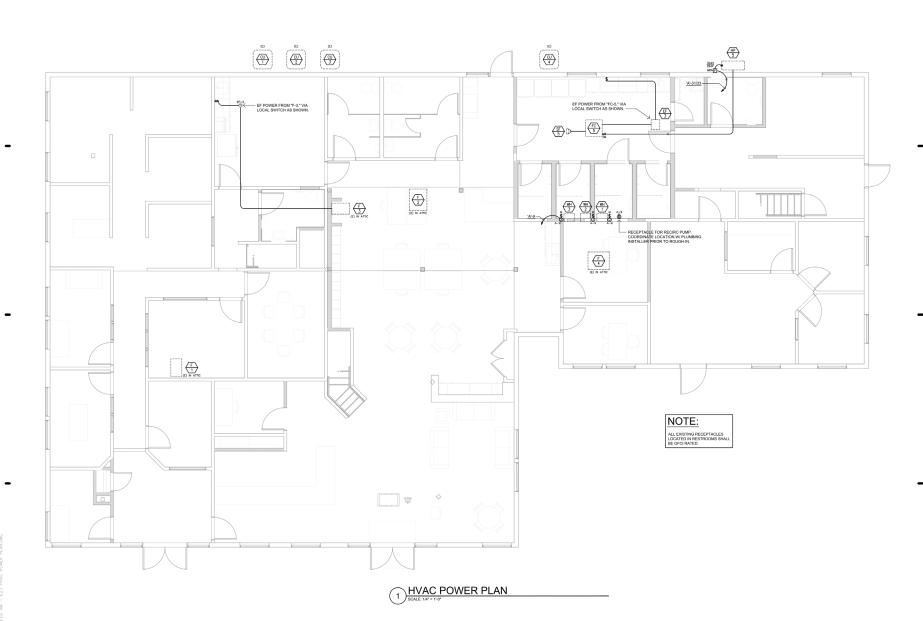
Proj. No.: 23021 07.26.23 AS NOTED Drawn By: JL/JP

ONE-LINE & PANEL SCHEDULE & NOTES

•



E2.0



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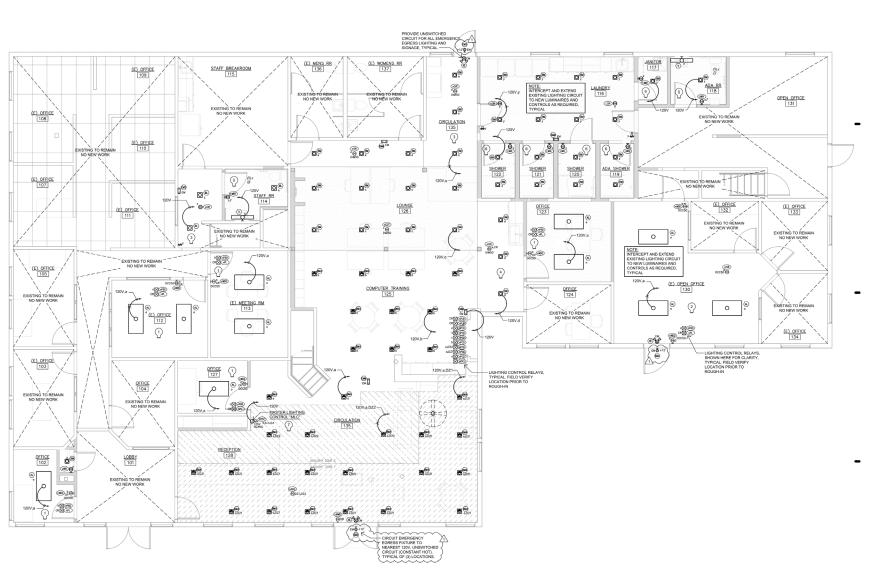


	Proj. No.:	23021
	Date:	07.26.23
•	Scale:	AS NOTED
		11.415

Drawing Title:

HVAC POWER PLAN

E2.1



LIGHTING PLAN

•

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ı

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 Proj. No.:
 23021

 Date:
 07.26.23

 Scale:
 AS NOTED

 Drawn By:
 JL/JP

Drawing Title:

LIGHTING PLAN

rawing Number:

E3.0

LIGHTING GENERAL NOTES:

- ALL EMPORENCY A EXT SON LUMMANIES BHALL BE CONNECTED TO THE UNSWITCHED SIZE OF THE LUGHTH DEBMOCH GROUNT, LUGHT FATURES WE EMPERGENCY DRIVERS SHALL BE NORMALLY SWITCHED A CONTROLLED WITHER AREALUSTING. HOWEVER, THER MERGENCY OFFICES SHALL BE COMECTED FOR THE SWITCH SHALL BE COMECTED FOR THE SWITCH SHALL SHALL SWITCH SWITCH SHALL SWITCH SWITCH
- . IT IS THE INTENT OF THESE CONSTRUCTION DOCUMENTS THAT ALL CONDUIT IS TO BE INSTALLED WITHIN WALLS, ABOVE CEILINGS, & CONCEALED WHERE POSSIBLE.
- COORDINATE ALL MOUNTING HEIGHTS OF CORD, PENDANT, OR WALL HUNG LUMINAIRES WI ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN OF ELECTRICAL BOXES.
- ELECTRICIAN TO VERIFY LUMINAIRE DIMMING CONTROLS & TO PROVIDE NECESSARY WIRING & DEVICES REQUIRED FOR DIMMING OPERATION.
- ALL LUMINAIRE & FIXTURE DRIVERS TO BE CONCEALED IN ACCESSIBLE LOCATIONS, OUT OF DIRECT VIEW OF BUILDING OCCUPANTS.
- LIGHTING CONTROL SYSTEM BASIS OF DESIGN IS ACUITY BRANDS SENSOR SWITCH & ILLIGHT DIGITAL LIGHTING SYSTEM. ELECTRICAL CONTRACTOR TO SEE MANUFACTURERS RHOP DRAWNINGS A DESIGN FOR A COMPLETE AN OPERATIONAL SYSTEM. PROVIDE ALL HARDWARE, SET-UP, PROGRAMMING, ETC., PER OWNER & TITLE 24 REQUIREMENTS.

	LINE \	/OLTAGE LIGH	ITING CONTROL SCHEE	DULE
TAG	DESCRIPTION	MANUFACTURER	OPERATION	REMARKS
(W1D)	WALL MOUNTED SINGLE POLE SWITCH w/ 0-10V DIMMING	SENSOR SWITCH # #POOMRD WIT	MANUAL ON EVACANCY OFF/ 0-10V DIMMING	
(WIR)	WALL MOUNTED SINGLE POLE SWITCH W/ INTEGRATED LINE VOLT. INFRARED OCC. SENSOR	SENSOR SWITCH # WSX WH	MANUAL ON / VACANCY OFF	
(WRL)	WALL MOUNTED SINGLE POLE SWITCH W/ INTEGRATED LINE VOLT. IR OCC. SENSOR, WET	SENSOR SWITCH # WSX WH LT	AUTO ON / VACANCY OFF	
(w)	WALL MOUNTED SINGLE POLE SWITCH W/ INTEGRATED LINE VOLT. DUAL TECH OCC. SENSOR	SENSOR SWITCH # WSX PDT WH	MANUAL ON / VACANCY OFF	
(WRD)	WALL MOUNTED 6-16V DIMMER SWITCH W/ INTEGRATED DUAL TECH OCC. SENSOR	SENSOR SWITCH II WSX PDT D WIT	AUTO-ON / VACANCY OFF AUTO-ON 50% / VACANCY OFF	
(WRF)	WALLBOX MOUNTED INFRARED OCCUPANCY SENSOR WITH LIGHT & FAN CONTROL	ABC - SENSOR SWITCH WSX 2P FAN WH	POLE 1 = FAN; AUTO ON / AUTO OFF POLE 2 - LIGHT; AUTO ON / VACANCY OFF	
(WDD)	WALL MOUNTED 6-16V DIMMER SWITCH W/ INTEGRATED DUAL TECH OCC. SENSOR	SENSOR SWITCH # WSX-PDT-D-WIT	AUTO-ON / VACANCY OFF AUTO-ON 50% / VACANCY OFF	
LCIR	CEILING MOUNTED INFRARED RANGE OCCUPANCY SENSOR	SENSOR SWITCH # CMR9 WH	AUTO-ON / VACANCY OFF	
(CRX)	CEILING MOUNTED INFRARED EXTENDED RANGE OCCUPANCY SENSOR	SENSOR SWITCH # CMR-10 WH	AUTO-ON TVACANCY OFF	

	LOW VC	LTAGE LIGHTIN	NG CONTROL SCHED	JLE
TAG	DESCRIPTION	MANUFACTURER	OPERATION	REMARKS
(WID)	nLIGHT SINGLE POLE DIMMING WALL SWITCH	ACUITY BRANDS CONTROLS - nLIGHT nPODM DX WH	MANUAL ON / OFF & DIMMING	PROVIDE ALL CAT 5 CONNECTIONS AND PROGRAMMING
6W2D	nLIGHT DUAL POLE DIMMING WALL SWITCH	ACUITY BRANDS GONTROLS - pLIGHT aPODM 2P DX WH	MANUAL ON LIDER & DIMMING	PROVIDE ALL CAT 5 CONNECTIONS AND PROGRAMMING
(WRD)	nLIGHT SINGLE POLE DIMMING WALL SWITCH W/ INTEGRAL INFRARED OCCUPANCY SENSOR	ACUITY BRANDS CONTROLS - nLIGHT nWSXA LV DX WH	MANUAL OR AUTO ON / OFF & DIMMING	PROVIDE ALL CAT 5 CONNECTIONS AND PROGRAMMING
(WDD)	nLIGHT SINGLE POLE DIMMING WALL SWITCH w/ INTEGRAL DUAL-TECH OCC. SENSOR	ACUITY BRANDS CONTROLS - nLIGHT nWSXA PDT LV DX WH	MANUAL OR AUTO ON / OFF & DIMMING	PROVIDE ALL CAT 5 CONNECTIONS AND PROGRAMMING
nCIR	nLIGHT CEILING MOUNT INFRARED OCCUPANCY SENSOR	ACUITY BRANDS CONTROLS - nLIGHT nCM 9 RJB	DETERMINES OCCUPANCY AND VACANCY OF A ROOM OR AREA	PROVIDE ALL CAT 5 CONNECTIONS AND PROGRAMMING
(ADC)	nLIGHT DUAL ZONE AUTOMATIC DIMMING CONTROL PHOTOCELL	ABC - nLIGHT nCM ADCX DZ RJB	PROVIDES FOR TITLE-24 REQUIRED DAYLIGHT HARVESTING	PROVIDE ALL CAT 5 CONNECTIONS AND PROGRAMMING
(PP2)	nLIGHT POWER PACK	ABC - nLIGHT nPP20	PROVIDES FOR ON/OFF OF LIGHTING LOAD	PROVIDE ALL CAT 5 CONNECTIONS AND PROGRAMMING
(RSC)	TOUCHSCREEN LIGHTING CONTROL INTERFACE	ABC - nLIGHT FCS 7TSN X (scba)	PROVIDES FOR ASTRONOMICAL TIMECLOCK FUNCTION AND SCENE CONTROLS	PROVIDE 120V POWER & ALL CAT 5 CONNECTIONS AND PROGRAMMING



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LIGHTING CONTROL NOTES (CA-24):

NOTE: ALL LIGHTING TO BE PROGRAMMED AND CONTROLLED TO MEET TITLE-24 REQUIREMENTS

| UNICE DESCRIPTION SHOPE | VENUE DESCRIPTION | VENUE DESCRIPTION

| BREAK ROOM | BREAK BOOM | PART | PA

SNOLE STALL RESTROOM

130.1 (a) AREA LIGHTING CONTROL

130.1 (b) AREA LIGHTING CONTROL

130.1 (c) AUTOMATIC DATUGG CONTROL

130.1 (d) AUTOMATIC DATUGG CONTROL

130.1 (e) AUTOMATIC DATUGGT CONTROL

130.1 (e) DATUGGT CONTROL

130.1 (e) DATUGGT CONTROL

130.1 (e) DATUGGT CONTROL

130.1 (e) DATUGGT CONTROL

140.1 (e) PER

150.1 (e) DATUGGT CONTROL

| OTHER ROOM | 100 AREA LIGHTNIO CONTROL | \$\text{VES. WALL SWITCH} | NA | \$\text{EXCEPTION *0.5W / SQ.FT.} \\
| 130 1 (6) AUTOMATIC SHATOFF CONTROL | \$\text{VES. SENSOR} | NA | \$\text{EXCEPTION *0.5W / SQ.FT.} \\
| 130 1 (6) AUTOMATIC SHATOFF CONTROL | \$\text{VES. SENSOR} | NA | \$\text{EXCEPTION *0.5W / SQ.FT.} \\
| 130 1 (6) AUTOMATIC DAVIGHT CONTROL | \$\text{VES.} | NA | \$\text{EXCEPTION *15W / NA / YZONE} \\
| 130 1 (6) AUTOMATIC DAVIGHT CONTROL | \$\text{VES.} | NA | \$\text{EXCEPTION *15W / NA / YZONE} \\
| 130 1 (6) AUTOMATIC DAVIGHT CONTROL | \$\text{VES.} | NA | \$\text{EXCEPTION *15W / NA / YZONE} \\
| 130 1 (6) AUTOMATIC SHATO ALONE ROOM - LINE VOLTAGE CONTROLS | \$\text{NANL} \\
| 130 1 (6) AUTOMATIC SHATO ALONE ROOM - LINE VOLTAGE CONTROLS | \$\text{NANL} \\
| 130 1 (6) AUTOMATIC SHATO ALONE ROOM - LINE VOLTAGE CONTROLS | \$\text{NANL} \\
| 130 1 (6) AUTOMATIC SHATO ALONE ROOM - LINE VOLTAGE CONTROLS | \$\text{NANL} \\
| 130 1 (6) AUTOMATIC SHATO ALONE ROOM - LINE VOLTAGE CONTROLS | \$\text{NANL} \\
| 130 1 (6) AUTOMATIC SHATO ALONE ROOM - LINE VOLTAGE CONTROLS | \$\text{NANL} \\
| 130 1 (6) AUTOMATIC SHATO ALONE ROOM - LINE VOLTAGE CONTROLS | \$\text{NANL} \\
| 130 1 (6) AUTOMATIC SHATO ALONE ROOM - LINE VOLTAGE CONTROLS | \$\text{NANL} \\
| 130 1 (6) AUTOMATIC SHATO ALONE ROOM - LINE VOLTAGE CONTROLS | \$\text{NANL} \\
| 130 1 (6) AUTOMATIC SHATO ALONE ROOM - LINE VOLTAGE CONTROLS | \$\text{NANL} \\
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| 130 1 (6) AUTOMATIC SHATO ALONE ROOM - LINE VOLTAGE

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| ARGE COMMON AREA | 1975 NATER CONTROL | NA | 5 EXCEPTION | 1975 NATER CONTROL | NA | 5 EXCEPTION | 1975 NATER CONTROL | NA | 5 EXCEPTION | 1975 NATER CONTROL | NA | 5 EXCEPTION | 1975 NATER CONTROL | NA | 5 EXCEPTION | 1975 NATER CONTROL | NA | 5 EXCEPTION | 1975 NATER CONTROL | NA | 1975 NA | 1975 NATER CONTROL | NA | 1975 NA

POLE 2 - LIGHT; MANUAL ON / VACANCY OFF AFTER 15 MINS

NEVADA COUNTY COMMONS RESOURCE CENTER

BID DOCUMENT 08/29/2024

1105 SUTTON WAY GRASS VALLEY, CA 95945





Proj. No.:	23021
Date:	07.26.23
Scale:	AS NOTED
Drawn By:	JL/JP

Drawing Title: LIGHT FIXTURE & CONTROL SCHEDULES

E3.1

Γ			LIGHTING FIX	TU	RE SCHED	UL	E		
r	TAG	DESCRIPTION	MANUFACTURER	V	LAMPS	w	DIMMING	MOUNTING	REMARKS
K	ΑL	2FT x 4FT SURFACE MOUNTED LED TROFFER w/ 0-10V DIMMING, (MEDIUM SETTING)	LITHONIA CPX 2X4 AL06 SWW7 M2 w/ 2X4SMKSH	120V	LED 5,000 LUMENS 3000K, 90 CRI	45W	0-10V	SURFACE	
K	Вм⟩	6" DIA. RECESSED DOWNLIGHT with REGRESSED TRIM, WHITE	LITHONIA WF6 LED 30K 90CRI MW	120V	LED 950 LUMENS 3000K, 90 CRI	13W	REFER TO CUTSHEET	RECESSED	
4	3MA	6" DIA. RECESSED ADJUSTABLE DOWNLIGHT, WHITE	LITHONIA WF6 ADJ LED 30K 90CRI MW	120V	LED 930 LUMENS 3000K, 90 CRI	13W	REFER TO CUTSHEET	RECESSED	
K	$\overline{\mathbb{V}}$	36" OVER THE MIRROR VANITY LIGHT	LITHONIA FMVTSL 36IN MVOLT 30K 90CRI BN	120	LED 1,500 LUMENS 3500K, 80 CRI	25W	N/A	WALL ABOVE MIRROR	
4	MS>	TWIN HEAD EMERGENCY EGRESS LIGHT w/ 90 MIN. BATTERY BACK-UP	LITHONIA LIGHTING ELM2	MV	LED	3	N/A	UNIVERSAL	FIXTURE TO BE UNSWITCHED PER NEC REQUIREMENTS
4	MM)	TWIN HEAD EMERGENCY EGRESS LIGHT w/ 90 MIN. BATTERY BACK-UP, MEDIUM OUTPUT	LITHONIA LIGHTING ELM4	MV	LED	3	N/A	UNIVERSAL	FIXTURE TO BE UNSWITCHED PER NEC REQUIREMENTS
1	MX)	EXTERIOR WALL PACK W EMERGENCY EGRESS 90 MIN. BATTERY BACK-UP, BLACK	ISOLITE OWL EM (BK) MB HX	MV	LED	15	N/A	WALL	PROVIDE ADDITIONAL UNSWITCHED CIRCUIT PER NEC REQUIREMENTS, EM OPERATION
K	XE	COMBO LED EXIT & TWIN HEAD EMERGENCY LIGHT SIGN WITH 90 MIN, BATTERY BACK-UP	LITHONIA LIGHTING LHQM LED G	MV	LED	4	N/A	UNIVERSAL	FIXTURE TO BE UNSWITCHED PER NEC REQUIREMENTS

TAG	DESCRIPTION	MANUFACTURER	OPERATION	REMARKS
(WID)	WALL MOUNTED SINGLE POLE SWITCH w/ 0-10V DIMMING	SENSOR SWITCH # #PODMRD WIT	MANUAL ON EVACANCY OFF/ 0-10V DIMMING	
LWIR	WALL MOUNTED SINGLE POLE SWITCH W/INTEGRATED LINE VOLT. INFRARED OCC. SENSOR	SENSOR SWITCH # WSX WH	MANUAL ON / VACANCY OFF	
(WRL)	WALL MOUNTED SINGLE POLE SWITCH w/ INTEGRATED LINE VOLT. IR OCC. SENSOR, WET	SENSOR SWITCH # WSX WH LT	AUTO ON / VACANCY OFF	
(w)	WALL MOUNTED SINGLE POLE SWITCH w/ INTEGRATED LINE VOLT. DUAL TECH OCC. SENSOR	SENSOR SWITCH # WSX PDT WH	MANUAL ON / VACANCY OFF	
(WRD)	WALL MOUNTED 6-16V DIMMER SWITCH W/ INTEGRATED DUAL TECH OCC. SENSOR	SENSOR SWITCH II WSX PDT D WH	AUTO-ON / VACANCY OFF AUTO-ON 50% / VACANCY OFF	
(WRF)	WALLBOX MOUNTED INFRARED OCCUPANCY SENSOR WITH LIGHT & FAN CONTROL	ABC - SENSOR SWITCH WSX 2P FAN WH	POLE 1 = FAN; AUTO ON / AUTO OFF POLE 2 - LIGHT; AUTO ON / VACANCY OFF	
(WDD)	WALL MOUNTED 6-16V DIAMER SWITCH W/ INTEGRATED DUAL TECH OCC. SENSOR	SENSOR SWITCH # WSX PDT D WH	AUTO-ON / VACANCY OFF AUTO-ON 50% / VACANCY OFF	
(CIR)	CEILING MOUNTED INFRARED RANGE OCCUPANCY SENSOR	SENSOR SWITCH # CMR9 WH	AUTO-ON / VACANCY OFF	
(CRX)	CEILING MOUNTED INFRARED EXTENDED RANGE OCCUPANCY SENSOR	SENSOR SWITCH II CMR 10 WH	AUTO-OH / VACANCY OFF	

LOW VOLTAGE LIGHTING CONTROL SCHEDULE							
TAG	DESCRIPTION	MANUFACTURER	OPERATION	REMARKS			
(WID)	nLIGHT SINGLE POLE DIMMING WALL SWITCH	ACUITY BRANDS CONTROLS - nLIGHT nPODM DX WH	MANUAL ON / OFF & DIMMING	PROVIDE ALL CAT 5 CONNECTIONS AND PROGRAMMING			
(W2D)	nLIGHT DUAL POLE DIMMING WALL SWITCH	ACUITY BRANDS GENTROLS - nLIGHT nPODM 2P DX WH	MANUAL CREECE & DIMMING	PROVIDE ALL CAT 5 CONNECTIONS AND PROGRAMMING			
(WRD)	nLIGHT SINGLE POLE DIMMING WALL SWITCH W/ INTEGRAL INFRARED OCCUPANCY SENSOR	ACUITY BRANDS CONTROLS - nLIGHT nWSXA LV DX WH	MANUAL OR AUTO ON / OFF & DIMMING	PROVIDE ALL CAT 5 CONNECTIONS AND PROGRAMMING			
(WDD)	nLIGHT SINGLE POLE DIMMING WALL SWITCH w/ INTEGRAL DUAL-TECH OCC, SENSOR	ACUITY BRANDS CONTROLS - nLIGHT nWSXA PDT LV DX WH	MANUAL OR AUTO ON / OFF & DIMMING	PROVIDE ALL CAT 5 CONNECTIONS AND PROGRAMMING			
nCIR	nLIGHT CEILING MOUNT INFRARED OCCUPANCY SENSOR	ACUITY BRANDS CONTROLS - nLIGHT nCM 9 RJB	DETERMINES OCCUPANCY AND VACANCY OF A ROOM OR AREA	PROVIDE ALL CAT 5 CONNECTIONS AND PROGRAMMING			
(ADC)	nLIGHT DUAL ZONE AUTOMATIC DIMMING CONTROL PHOTOCELL	ABC - nLIGHT nCM ADCX DZ RJB	PROVIDES FOR TITLE-24 REQUIRED DAYLIGHT HARVESTING	PROVIDE ALL CAT 5 CONNECTIONS AND PROGRAMMING			
@PP2	nLIGHT POWER PACK	ABC - nLIGHT nPP20	PROVIDES FOR ON/OFF OF LIGHTING LOAD	PROVIDE ALL CAT 5 CONNECTIONS AND PROGRAMMING			
(RSC)	TOUCHSCREEN LIGHTING CONTROL INTERFACE	ABC - nLIGHT FCS 7TSN X (scba)	PROVIDES FOR ASTRONOMICAL TIMECLOCK FUNCTION AND SCENE CONTROLS	PROVIDE 120V POWER & ALL CAT 5 CONNECTIONS AND PROGRAMMING			

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ELECTRICAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

PART 1 GENERAL

1.01 WORK INCLUDED

- A. All lobor, tools, and materials necessary to install, test, and place in operation complete and functional electrical systems, as shown on the plans and described herein.
- Secure all permits and pay all fees necessary for the execution and completion of this work.

1.02 DRAWINGS

The electrical layouts are generally diagrammatic. The location of outlets and equipment are approximate unless dimensioned. The exact locations and routing of conduits shall be governed by structural conditions and physical interferences and by the location of electrical terminations of equipment.

1.03 QUALITY ASSURANCE

- A. All work shall be in full accordance with the latest edition of the National Electrical Code, all local, state, and federal codes, and with the requirements of the serving utility companies.
- B. All electrical materials used on this project shall be best possible grode of their kinds, new, free from defects and, unless otherwise specificity included, shall defect and unless otherwise specificity included, shall demonstrate the specificity of the specific of the Manufacturers Association, the American National Stondards institute and Underwitters Laboratories, inc. Each article of a kind shall be the standard product of a single manufacturer.

Submit to the Architect a complete list of materials and equipment stating manufacturer's names, catalog numbers, etc. No materials shall be installed until final approval is given.

Guarantee all work for one year from date of acceptance against all defects in material, equipment and workmanship

PART 2 PRODUCTS

2.01 RACEWAYS

- Rigid Steel Conduit: Galvanized, complying with specifications UL-6, ANSI C80.1, Federal WW-C-58E or latest revisions.
- Intermediate Metallic Conduit (IMC): Galvanized, complying with specifications UL 1242, Federal WW-C-58IE of latest revisions.
- C. Electrical Metallic Tubing (EMT): Galvanized, complying with specifications UL 797, ANSI C.80.3, Federal WW-C-563 or latest revisions.
- D. Polyvinylchloride Conduit (PVC): Minimum Schedule 40.
- E. Steel Flexible Condult: Galvanized interlocking spirally wound steel.
- Steel Liquidtight Flexible Conduit: Liquidtight, non-metallic, sunlight resistant jacket over flexible metal core.
- Electrical Non-Metallic Tubing (ENT): A non-metallic pliable corrugated raceway, resistant to moisture and chemicals.

2.02 RACEWAY FITTINGS

- A. Rigid Steel Conduit and IMC:
- 1. Galvanized, waterproof, and threaded type.
- B. Electrical Metallic Tubing:
- Galvanized steel
 Die cast
 Compression ring type
 Set screw type
- C. Polyvinylchloride and ENT:
- 1. PVC Schedule 40, cemented type.
- Metallic Flexible Conduit:
 Galvanized, clamp, type, and approved for grounding.
- E. Liquidtight Flexible Metal Conduit: 1. Galvanized, screw in type, approved for grounding.
- 2.03 WIRE AND CABLE
- Plainly marked with UL label, gauge, voltage and insulation type.
- B. General Wiring: 600V type "TW" of "THHN" Copper, minimum size #12 AWG.
- C. Feeders: 600V type "THW" Aluminum, or as shown on plans.

2.04 DEVICES

- A. Wall switches: "AC" rated, heavy duty, quiet type, rated 20 amperes at 120 volts AC. Special switches as noted.
- B. Convenience outlets: Rated 15 amperes at 120 volts AC, 3-wire groundable type, Leviton #5262 duplex or #5261 single. Special outlets shall be as noted on plans.
- C. Plates: Supply for all autlet or junction boxes, flush or surface. Two or more gangs in box shall have gang plates. Color of box covers to be selected by Architect.

PART 3 EXECUTION & APPLICATION

3.01 RACEWAY APPLICATION

A. Rigid Steel Conduit and IMC:

- May be exposed, concealed, installed underground, or in concrete.
- Shall be installed per the designation on the plans.

B. Electrical Metallic Tubina:

- Shall be concealed in protected attic spaces, or hollow stud spaces.
- May be exposed in mechanical and electrical rooms where designated on the plans.

C. Polyvinylchloride Conduit:

- 1. Shall be a minimum of 3/4".
- 2. Shall only be installed beneath grade or in concrete
- A Maximum of 4 feet of exposed or concealed PVC may extend from grade or the concrete slob to the bottom or a switchboard, ponelboard, device box, or similar equipment in electrical rooms only.
- A maximum of 18 inches of PVC may extend from the concrete slab to the first device box when concealed in a stud space.

- May be used in interior, dry, and non-hazardous locations only.
- Shall be used in lengths no longer than 6 feet for connection of light fixtures.

E. Liquidtight Metallic Flexible Conduit:

Shall be used as indicated in item "D" above for damp or wet locations.

F. Electrical Non-Metallic Tubing:

- May be installed in buildings not exceeding three stories.
- Shall be concealed in walls, ceilings, and floors having a minimum finish rating of 15 minutes.

Shall not be installed in fire rated and assembly areas. 3.02 RACEWAY INSTALLATION

- Rigid or intermediate metal conduit shall have threads filled with conductive sealant before screwing into fittings.
- Entire electrical raceway system shall form a continuous metallic electrical conductor from service point to every outlet, and shall be grounded by connection to main service ground conductor.
- Close open ends of conduit with factory made conduit seals during construction. Examine inside of each piece of conduit just before installation and remove any dirt or foreign objects.
- Support conduit with one—hole malleable factory made pipe straps, fastened with screws; nails shall not be used.

3.03 WIRE INSTALLATION

- Make joints, splices, taps and connections of conductors with solderless connectors.
- Provide grounding and bonding in accordance with applicable codes and regulations.
- C. Connect all air conditioning motors to conduit systems with sections of flexible conduit to facilitate removal of motor. Use approved fittings only.

3.04 LIGHTING FIXTURE INSTALLATION

- Install fixtures complete with all necessary connectors and brackets. Remove all labels except UL label from exposed parts of fixtures. Clean fixtures upon project completion.
- B. Where structural members or mechanical equipment prevent installation of fixtures as shown, resulting layout shall be symmetrical within ceiling space and approved by the Architect.
- C. Install lamps of proper type.

3.05 TESTS

Test all systems upon completion of work to demonstrate that the equipment furnished and installed as connected functions electrically in the manner required.

END OF SPECIFICATION

WALLIS DESIGN STUDIO ARCHITECTS, INC.

415 W Main St Grass Valley, Ca 95945 (530) 264-7010 WallisDesignStudio.com

NEVADA COUNTY COMMONS RESOURCE CENTER



1105 SUTTON WAY GRASS VALLEY, CA 95945





Proj. No.: 23021 Date: 07.26.23 AS NOTED JL/JP Drawn By:

> ELECTRICAL SPECIFICATIONS

E4.0

Report Version: 2022.0.000 Schema Version: rev 202201

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Shut-off controls 130.1(c) / 160.5(b)4C

WALLIS DESIGN STUDIO ARCHITECTS, INC.

415 W Main St Grass Valley, Ca 95945 (530) 264-7010 WallisDesignStudio.com

NEVADA COUNTY COMMONS RESOURCE CENTER

BID DOCUMENT 08/29/2024

1105 SUTTON WAY GRASS VALLEY, CA 95945

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Proj. No.: 23021 07.26.23 AS NOTED JL/JP Drawn By:

Drawing Title

TITLE-24 FORMS

E5.0

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Island of customax Domestic Water Heating System Custinizari of Communica The Socience is a set of development campillance for neovesidential except 1101, 1103, 1804 and 170-260, and with requirements 180.1 for addition Project Mannie. The Communication of the Communication of the Communication Project Address:	ancies with requirements in 110.1, 110.3, 120.3, and 140.5, For high rise residential and hatel/motel occupancies comp	and with requirements in 141.0 for additions and office is demonstrated with requirements in	SINCE OF CALFORNA Domestic Water Heating System (CRITICATE OF COMPLANCE PROJECT AND PROJECT AND PROJECT Address: NC Honele Project Address:	is Resource Center Report Page: 1105 Sutton Way Date Prepared:	CALIFORNIA ENERGY COMMISSION NRCC PLB-1 (Page 4 of 6) 6,47,2223		
110.1, 110.3, 160.4 and 170.2(d), and with requirements 180.1 for addition Project Name: NC Homeles	s and 180.2 for alterations. ss Resource Center Report Page:	(Page 1 of 6)				. M	NELAS
A. GENERAL INFORMATION	1103 SOUR MAY PARK PRESENCE	uttaks	H. DOMESTIC HOT WATER CONTROLS This table is used to demonstrate compliance with control requirements in	10.3 for all occupancies. For multifamily residential and hot	el/motel occupancies, compliance is also	IB	NERGY
A. GENERAL INFORMATION 01 Project Location (city) Grass Valley 03 Occupancy Types Within Project (select all that apply):	02 Climate Zone	16	H. DOMESTIC HOT WATER CONTROLS This table is used to alementary compliance with control requirements in demonstrated with requirements in 160.4(e) / 170.2(d). Tes No Applicable	Requirement			
Support Areas All Other Occupancies				nents require manufacturer certification that service water-his capable of adjusting temperature settings per 110.3(a).	eating systems are equipped with automatic		GINEERING
B. PROJECT SCOPE This table includes domestic water heating systems that are within the scope	or of the permit application and are demonstrating complia	ance using the prescriptive paths outlined in 140./	02 Systems with capac Plumbing Code 61:	ity > 167,000 BTUH equipped with outlet temperature contr 0.	ols per 110.3(c)1 unless covered by California	5.	4 MECHANICAL CONSULTANTS 41 UREN STREET
B. PRODECT SCOPE In table includes domestic water heating systems that are within the scop 170. 2(4) and 141.0(s)/ 180.1, or 141.0(s)/2V / 180.2 for additions or altered hydronic water heating systems are documented on the NRCC-MCH compile	sions. Solar water heating systems are documented on the honce document.	NRCC-SAB compliance document. Combined	03 □ □ ⊠ Controls for circular 61 □ □ ⊠ For recordation systems 64 □ □ □ □ □ For recordation systems 64 □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	is capable of adjusting temperature settings per 110.3(a) ty > 187,000 BTUM equipped with outlet temperature control. On the control of the	tomatically turning off the system per	NEV/	ADA CITY, CA 95959 NE (530) 265-2492
01 My project consists of (check all that apply):	02 System Type ^{1,7}	System Components	04	tems serving individual dwelling units, design includes many	ual on/off controls as specified in Reference	FAX	× (53Ø) 265-2273
OI May project consists of inflowed all that apply): New systems (Drive systems having installed for the first time in newly constructed, backgright manufactured for the first time in newly constructed, backgright manufactured for the first time in newly constructed, backgright manufactured for controlling. Systems Allowation (equipment, distribution or controlling.) Facility of the manufactured of passes are new new exercisely appears a solid visities of passes are new new exercisely appears as not of the first passes are new new exercisely appears as not of the first passes are new new exercisely appears as not of the first passes are new new exercisely appears as not of the first passes are new exercisely appears and the first passes are new exercisely appeared to the first passes are new exercised and the first passes are new	Individual System (serving nonnesidential spaces)	⊠ Equipment	Approfice RAA.4.9 Combustion air por Boilers with	tems serving individual dwelling units, design includes mans or 170.2(4). tive shut-off shall be provided per 160.4(3) on all newly inst eput capacity >= 2.5 MMRtu/h, in which the boiler is design	alled commercial boilers as follows:		
FFOOTNOTES: Point of use water heaters, or other non-central systems used ² Dwelling units refers to hotel/motel guest rooms and units in a multifamily	f to serve nonresidential spaces, are considered individual s ly residential occupancy.	systems.	Boilers with pressure Boilers when	e one stack serves two or more boilers with a total combine	d input capacity per stack of 2.5 MMBbu/h.	1 /5	PROFESSION .
			07	report capacity in 2.5 MMRIAN, in which the boller is designed one stack server has or more ballers with a total condition for the server of the server of the shibwerg are shall include contrast that lines the fan ercor demand to when the server of the server of the server of the lines. Every with an impact capacity (diggst) SMMRIAN and a steady server with an impact capacity (diggst) SMMRIAN and a steady server of the server of the server of the server of the server of the server of the server of the server of the server of the server of the server of the server of the server of the server of server of s	c=30% of the total design wattage at 50% of the	1 8	
Table C will indicate if the project data input into the compliance document Exceptional Conditions' refer to Table D. or the table indicated as not compl	is compliant with water heating requirements. If this table liant for guidance.	says "DOES NOT COMPLY" or "COMPLIES with	design air vi Newly installed boi	lume. ers with an input capacity [digte/] SMMRts/h and a steady r	tate full-load combustion efficiency < 90% shall		\$ 9/30/24 X
01 02 Domestic Hot Water Equipment Distribution Systems	03 Controls	04 Compliance Results	08	ick gas) oxygen concentrations <= 5% by voturne on a dry ba trolled with respect to firing rate or flue gas oxygen concent ck shaft is prohibited.	as over firing rates of 20-100%. Combustion air nation. Use of a common gas and combustion air	1	OF CALEGRAP
C. COMPLIANCE RESULTS Table Cwill include if the project data lepat into the compliance document flacquistosis ("centificial" refer to Table 0, or the nable indicated as not compliance flacquistosis ("centificial" refer to Table 0, or the nable indicated as not compliance flacquistic refer to Table 1 or Table 0 Ostrificacion Systems Table 1 Table 0 Was Yes Yes	Table H Ves	COMPLIES	I. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION				
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STATE OF CALIFORNIA			STATE OF CALIFORNIA			d —	
Domestic Water Heating System CERTRICATE OF COMPLIANCE		CALIFORNIA ENERGY COMMISSION NRCC PLB-E	Domestic Water Heating System (CERTHICATE OF COMPLIANCE		CALIFORNIA ENERGY COMMISSION NRCC-PUB-E	d I	BID
CONTINUES OF COMPLIANCE Project Name: NC Homeles Project Address:	ss Resource Center Report Page: 1105 Sutton Way Date Prepared:	Page 2 of 6]	CERTIFICATE OF COMPLIANCE Project Name: NC Homela Project Address:	is Resource Center Report Page: 1105 Sutton Way Date Prepared:	(Page 5 of 6) 6/6/2023	DČ	CUMENT
						الليار	08/29/2024
E. ADDITIONAL REMARKS This table includes remarks made by the permit applicant to the Authority in	Voving Jurisdiction.		DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE There are no forms required for this project.			~	
F. DOMESTIC HOT WATER EQUIPMENT			K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION			一道	
This table is used to demonstrate compliance with mandatory equipment re be demonstrated and with 141.0 / 180.1 / 180.2 for addition and alteration: Equipment Schedule: Water Heating Efficiency and Standby Less.	rquirements in 110.1 and 110.3. Compliance with prescripti scopes.	live requirements in 140.5(c) / 170.2(d) must also	There are no forms required for this project.			IJĖ	
Equipment Schedule: Water Heating Efficiency and Standby Loss 03 04	Gas Service	06				CENTER	
System Gas on-demand Exception to 140.5(cl/ 170.2(d)3	Gas Service Water Heating System >= 13MM6bu/h ¹ Capacity-weighted Average Efficiency %						
07 08 09 10 10 Name or Equipment Type United States (Bouch) Equipment Type Equipment Ty	11 12 13 Minimum	14 15				ESOURCE	
Name or Equipment Type Volume (gail) (Based Input Max GPM/ First Capacity Hour Rating (Bouth) (FHII)	Rated Minimum Efficiency Efficiency Unit Efficiency Required	Designed Standby Loss Maximum Standby Loss				니뽄	
on Instantaneous Water 0 199,900 FHR >=75 demand Heater	0.95 0.81 UEF					.l ನ	
*FOOTNOTE: In systems >= 1MM8tu/h with multiple units, gas water heater	rs with input capacity > 100,000 Btu/h may meet 90% Et re	rquirements via an input capacity-weighted				S	
Water Heating Equipment All Occupancies Yes No Applicable Applicable	Requirement						
18 Unfined storage to 19 O New state buildin	ank insulation shall have internal + External >= 8-16 OR Esta age 60% of energy for service water heating from site solar or instantaneous water heater with input rating >6.8 kBTUI	ernal >=R-3.5. Label required per 110.3(c)3 energy or recovered energy per 110.3(c)5					45
	or instantaneous water heater with input rating >6.8 kBTUI < 25,000 ft ³ and < 6 stories must install a heat pump water	H or 2 kW has been specified per 110.3(c)6 heating system per 140.5(a)1. Water heating				ΙZ	9
21 U Systems serving a	< 25,000 ft ² and < 4 stories must install a heat pump water in individual bathroom space may be an instantaneous elec	ctric water heater.				COMMONS	1 5
Registration Number:	Generated Date/Time:	Documentation Software: Energy/Ivo	Registration Number:	Generated Date/Time:	Documentation Software: EnergyPro	J€	一声
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0:000 Schema Version: nev 20220001	Compliance ID: EnergyPro-3103-0623-0102 Report Generated: 2023-06-06-11:36-22	CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000 Schema Version: rev 2022001	Compliance ID: EnergyPro-3103-0623-0102 Report Generated: 2023-06-06 11:36:22	16	8 본
Domestic Water Heating Sustam			Domestic Water Heating System			IJŬ	의정
SINES OF CALSIONIAN DOMESTIC Water Heating System (CERTIFICATE OF COMPLIANCE Project Name: Project Name: RC Homeles (Project Address)	ss Resource Center Report Page:	CALIFORNIA ENERGY COMMISSION NECC-PIB-C (Progr 3 of 6) 6/6/2023	Domestic Water Heating System CERTIFICATE OF COMPLIANCE Project Name: NC Homel	is Resource Center Report Page: 1105 Sutten Way Date Prepared:	NRCC-PLB-E (Page 6 of 6)	. ≻	Z A E S
Project Address:	1105 Sutton Way Date Prepared:	6/6/2023	Project Name: NC Hornels Project Address:	1105 Sutton Way Date Prepared:	6/6/2023	COUNTY	80,EJ
G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM			DOCUMENTATION AUTHOR'S DECLARATION STATEMENT			. 5	≥≅(<u>\</u> \≤
This table is used to demonstrate compliance for nonresidential occupancies	s with distribution requirements in 120.3 and 140.5. For mu		I certify that this Certificate of Compliance documentation is accur commentation Author Name:	ate and complete.			
Mandatory Pipe Insulation All Occupancies for systems serving dwelling units, pipe insulation	must meet the minimum insulation requirements in Table	: 160.4-A (see blow) except:	Chris Miller Company: MELAS ENERGY ENGINEERING Address:	Signature Date: 2023-06-06			
Piping that penetrates framing members sh penetrates metal framing shall use gromme insulation shall abut securely against all fran	nur not be required to have pipe insulation for the distance ets, plugs, wrapping or other insulating material to assure t ming members	or trie marning penetration. Piping that that no contact is made with the metal framing.	SA7 Uren St. On/Son/Op:	CEA/HERS Certification Identification (if applicable): CEA R19-15-30070		EVADA	c 1105 SUTTON WAY GRASS VALLEY, CA 95945 TITLE-24 ENERGY REPORT NONRESIDENTIAL WATER HEATING
Piping installed in interior or exterior walls : Insulation installation (QII) as specified in the property of the pr	shall not be required to have pipe insulation if all of the re- he Reference Residential Appendix RA3.5. Third wall insulation 2 inches of residence insulation as 4	quirements are met for compliance with Quality	Address: S47 Uses St. Ons/Gran/Qis Needed City CA 99999 RESPONSIBLE PERSON'S DECLARATION STATEMENT	Phone: 530 265-2492		l ₹	NE ISS
have pipe insulation. For systems serving nonresidential spaces, pipe insulation.	sulation for the following applications is specified to compil	ly with Table 120.3-A (see below) per 120.3:	The information provided on this Certificate of Compilance is true and correct. I am eligible under Division 3 of the Business and Professions Code to accept reg. The energy Returns and certifications was fulfactions wasteries.	onability for the building design or system design identified on this Certific manufactured devices for the building design or system design identified or	ste of Compliance (responsible designer) t this Certificate of Compliance applicate to the receives	JЫ	도워(E)
Recirculating system piping, including suppl The first 8 ft of hot and cold outlet piping, in Pipes that are externally heated	oy and return piping of the water heater including between storage tank and heat trap, for a nonreci	irculating storage system	Income William Committee and C	e of Compliance are consistent with the information provided on other app	licable compliance documents, worksheets, calculations,	Z	. 0 2
insulation shall be protected from damage, including the installed with a cover suitable for outdoor service.	is not meet the encertain residence requirements in Table uniform the required to have pipe invalidation for the distance to Apiev, supplying on the residence residence to assert to assert to half on the required to have pipe invalidation and set the ex- traction of the required to have pipe invalidation and and there are the reference fractional approaches Asia, So. of any formation of the residence of the residence of a distance of the residence of the residence of the residence of a company of the residence of the residence of the residence and the residence of the residence of the residence of the residence producing the residence of the residence of the residence to produce the residence of the residence of the residence to the residence of the residence of the residence of the residence to the residence of the residence of the residence of the residence to the residence of the residence of the residence of the residence to the residence of t	e, and wind. Insulation exposed to weather shall ade must be installed in a water proof and		e mode available with the building pennit(i) kaued for the building, and millance is required to be included with the documentation the builder provides on the building and the second bis designer Signature:	ade available to the enforcement agency for all applicable des to the building owner at occupancy.	lide:	ocation life.
TABLE 120.3	3-A / 160.4-A PIPE INSULATION THICKNESS		http://ordeb.iniger.name. Michael Medas Company. Medas Energy Englineering. Address:	Date Signed: 2023-06-06		ject T	ject Lo
Fluid Temperature Range (*F) Range (IDs -in per for per fr) Per *F Range (IDs -in per fr) Per *F Per *F	Nominal Pipe Temp (< 1 1 to < 1.5 1.5	to < 4 1.5 to < 4 Multifamily & Hotel/Motel	Address: S47 Uses St. Ons/Sens/Dar Newsda City CA 95959	085 Spred 2023 GG GG Urrers M25789 Phone: 350 265-2492		Revisions:	표 통
per 'F) 105-140 0.22 - 0.28 100	1.0 in or 8-7.7 1.5 in or 8-12.5 1.5 in		On/Sentucities Newada City CA 95959	530 265-2492		No. Date:	By: Description:
						-	-
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Registration Number:	Generated Data/Time:	Documentation Software: EnergyPro	Registration Number:	Generated Date/Time:	200		
Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Generated Date/Time: Report Vension: 2022.0.000 Schema Version (no 2022001)	Documentation Software: EnergyPro Compliance ID: EnergyPro-3103-0623-0102 Report Generated: 2023-06-06-11/36-22	Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Generated Date/Time: Report Venion: 2022.0.000 Schema Venion: nov 20220001	Compliance ID: EnergyPro-3503-0623-0102 Report Generated: 2023-06-06-31-38-22		
	surrenta Versioni nev 2022/2001	Aspert Generated: 2023 Ct-06 11:36:22		personal Versides new 2012/00/01	report Generated: 2023-06-06 11:36:22		
						Plot Date:	
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						Sheet Number	T24-2