

REVISIONS BY

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S.F. S.F.

EXISTING TENTANT IMPROVEMENT 10,
PROPOSED TENTANT IMPROVEMENT 5
EXISTING ELECTRICAL & FIRE ROOM

Durock Road LLC 4331 Rancho Road Cameron Park, Ca. 95682

Project Location & Name
COMMUNITY CORRECTIONS CENT
3974 Durock Road, Bldg. B, Suites 201-2
Shingle Springs, Ca. 95682

Date 28 OCT 13

Scale | '1 = 40 - 0'

Drawn GCW

Job 2013-11
Sheet

AND STATE CODES AND REQUIREMENTS. 1B. ALL CONTRACTORS SHALL BE LICENSED IN THEIR PREVAILING TRADES. ALL CONTRACTORS SHALL CLEAN-UP ALL EXCESS MATERIALS AND TRASH CREATED BY THEIR WORK AND REMOVE IT FROM THE SITE AT THEIR EXPENSE, SEE SPECIFICATION SECTION 1H.2 OF THESE SPECIFICATIONS FOR FURTHER

REQUIREMENTS. 1C. OWNER SELECTED ITEMS AND/OR EQUIPMENT; ALL ITEMS MENTIONED EITHER IN THESE SPECIFICATIONS AND/OR DRAWINGS THAT REQUIRED A OWNERS SELECTION(S) SHALL BE SELECTED BY OWNER BEFORE FINALIZATION OF BID OR QUOTE TO THE OWNER. CONTRACTOR SHALL VERIFY THAT SUBSTITUTIONS OF LISTED EQUIPMENT AND/OR MATERIALS MEET THE DESIGN REQUIREMENTS OF THESE SPECIFICATIONS.

1D. SCOPE OF WORK; SCOPE OF WORK IS TO CONSTRUCT A SINGLE LEVEL TENANT IMPROVEMENT OF 5,821 SQUARE FEET FOR USE OF COUNTY OF EL DORADO PROBATION DEPARTMENT. ALSO SEE PARAGRAPH 1G OF THESE SPECIFICATIONS.

1E. SUBSTIUTIONS AND/OR EQUALS: ARCHITECT HAS SHOWN ON PLANS AND THESE SPECIFICATIONS SPECIFIC PRODUCT ITEMS, EQUIPMENT, FINISHES, HARDWARE AND SYSTEMS. THE BIDDER/BUILDER MY SUBSTITUE ANY OF THE THESE ITEMS FOR OTHERS AS LONG AS THEY ARE EQUAL OR BETTER THAN LISTED. SUBSTITUTIONS SHALL BE APPROVED BY THE ARCHITECT, BUILDING OWNER AND USER (COUNTY PROBATION DEPARTMENT).

1F. OMISSIONS AND/OR CONFLICT: IF THE BUILDER FINDS ANY ERRORS, OMISSIONS AND/OR CONFLICTS ON THESE DRAWINGS, CALCULATIONS, SPECIFICATIONS, THEY SHALL NOTIFY THE ARCHITECT PRIOR TO CONSTRUCTING FOR CLARIFICATIONS AND/OR CORRECTIONS BY THE ARCHITECT.

1G. EXISTING CONDITIONS: EXISTING STRUCTURES ON SITE CONSIST OF A FRONT COMMERCIAL TILT-UP CONCRETE STRUCTURE (BUILDING A) OF 16,818 SQUARE FEET AND A REAR COMMERCIAL CONCRETE TILT-UP STRUCTURE (BUILDING B) OF 16,258 SQUARE FEET, WORK UNDER THIS PROJECT WILL OCCUR IN THE REAR STRUCTURE, BUILDING 'B'. THE REAR STRUCTURE IS APPROXIMATELY 64% OCCUPIED BY COUNTY OF ELDORADO PROBATION DEPARTMENT. THIS PROPOSED PROJECT WILL DEVELOP THE BALANCE OF THE EXISTING INTERIOR SPACE FOR THE EXPANSION OF THE EI Dorado COUNTY PROBATION DEPARTMENT. SITE IS FULLY DEVELOPED WITH MOST OF THE SITE COVERED BY STRUCTURES, PAVED PARKING AND LANDSCAPED AREAS. THE AREA WITHIN BUILDING 'B' THAT WILL BECOME THE EXPANSION OF THE PROBATION DEPARTMENT IS PARTIALLY DEVELOPED. ARCHITECT HAS ATTEMPTED TO SHOW WHAT IS EXISTING AND WAS PARTIALLY CONSTRUCTED BUT CAN NOT GUARNTEE HIS ON SITE SURVEY CAUGHT EVERYTHING. CONTRACTORS BIDDING ON THIS PROJECT ARE ENCOUREAGED TO VISIT THE SITE TO VERIFY EXISTING CONDITIONS.

1H. REQUIRED CALIFORNIA GREEN MEASURES; THIS PROJECT SHALL COMPLY WITH ALL THE 2010 CALIFORNIA GREEN MEASURES REQUIREMENTS FOR NON-RESIDENTIAL MANDATORY MEASURES. BESIDES THE REQUIREMENTS LISTED IN THIS SECTION SEE SECTIONS 1A, 7C.2, 8A.2, 8B.1, 22, 22.6, 23, 23.3, 26, 31B FOR FURTHER REQUIREMENTS. BUILDER SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS.

- 1. ALL ANNULAR SPACES AROUND PIPES, ELECTRICAL CABLES, CONDUITS, DUCTS, FLUES, OR OTHER OPENINGS IN PLATES AT EXTERIOR WALLS AND WALL SURFACES SHALL BE PROTECTED AGAINST THE PASSAGE OF RODENTS BY CLOSING SUCH OPENINGS WITH MOTAR, FOAM, GALV. SHEET METAL OR OTHER SIMILAR METHODS. SUCH CLOSING METHODS SHALL NOT ENHANCE ROOT OR DETEROATION OF SURROUNDING MATERIALS (SUCH AS MORTAR/CEMENT TO PLUG HOLES IN WOOD).
- 2. A MINIMUM OF 50% OF THE CONSTRUCTION WASTE GENERATED AT THE SITE IS DIVERTED TO BE RECYCLED OR SALVAGED.
- 3. BUILDER TO PROVIDE OWNER AN OPERATION & MAINTENANCE MANUAL OF ALL MECHANICAL, PLUMBING, ELECTRICAL UNITS AND/OR FIXTURES ALONG WITH ANY ITEMS OR MATERIALS COVERED BY THE CALIFORNIA GREEN MEASURES.
- 4. DUCT OPENINGS AND OTHER RELATED AIR DISTRIBUTION COMPONENTS OPENINGS SHALL BE COVERED DURING CONSTRUCTION.
- 5. ALL ADHESIVES, SEALANTS & CAULKS SHALL BE COMPLIANT WITH ALL CALIFORNIA AND LOCAL ORDINANCE VOC AND OTHER TOXIC COMPOUND LIMITS.
- 6. ALL PAINTS, STAINS AND OTHER COATINGS SHALL BE COMPLIANT VOC LIMIT FINISH
- MATERIALS FOR ROC AND OTHER TOXIC COMPOUND LIMITS. 7. AEROSOL PAINTS AND COATINGS SHALL BE COMPLIANT WITH PRODUCT WEIGHTED MIR LIMITS FOR ROC AND OTHER TOXIC COMPOUNDS.
- 8. DOCUMENTATION SHALL BE PROVIDED TO VERIFY THAT COMPLIANT VOC LIMIT FINISH MATERIALS HAVE BEEN USED.
- 9. CARPET & CARPET SYSTEMS SHALL BE COMPLIANT WITH VOC LIMITS.
- 10. 50% OF FLOOR AREA RECEIVING RESILIENT FLOORING SHALL COMPLY WITH THE VOC-EMISSION LIMITS DEFINED IN THE COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS LOW-EMITTING MATERIALS LIST OR BE CERTIFIED UNDER THE RESILIENT FLOOR COVERING INSTITUTE FLOOR SCORE PROGRAM.
- 11. ALL PARTICLEBOARD, MEDIUM FIBERBOARD & HARDWOOD PLYWOOD USED IN INTERIOR FINISH SYSTEMS SHALL COMPLY WITH LOW FORMALDEHYDE EMISSION STANDARDS.
- 12. A 6MIL PLASTIC VAPOR BARRIER & 4" CRUSHED ROCK CAPILLARY BREAK IS REQUIRED UNDER ALL SLAB OF GRADE CONSTRUCTION USED WITHIN ALL STRUCTURES OCCUPIED.
- 13. MOISTURE CONTENT OF BUILDING MATERIALS USED IN WALL & FLOOR SYSTEMS & FRAMING IS CHECKED BEFORE CLOSING TO ASSURE OF NO MOLD GROWTH OR ENTRAPMENT OF MATERIAL
- 14. PROPERLY SIZED EXHAUST FANS THAT EXHAUST TO EXTERIOR SHALL BE PROVIDED FOR EVERY BATHROOM WHERE IT HAS WINDOWS OR NOT.
- 15. IF SPECIAL INSPECTORS ARE REQUIRED BY BUILDING OFFICAL THEY MUST BE QUALIFIED AND ABLE TO DEMONSTRATE COMPETENCE IN THE DISIPLINE THEY ARE INSPECTING.
- 16. VERIFICATION OF COMPLIANCE WITH THE CALIFORNIA GREEN MEASURES MAY INCLUDE CONSTRUCTION DOCUMENTS, PLANS, SPECIFICATIONS, BUILDER OR INSTALLER CERTIFICATION, INSPECTION REPORTS, OR OTHER METHODS ACCEPTABLE TO ENFORCING AGENCY OR AGENCIES WHICH SHOW SUBSTANTIAL CONFORMANCE.

SUBMITTALS; ALL SUBMITTALS, SHOP DRAWINGS, PRODUCT DATA & SAMPLES SHALL BE PREPARED BY THE CONTRACTOR OR THEIR SUB-CONTRACTORS FOR ARCHITECT'S AND COUNTY REVIEW. CONTRACTOR SHALL REVIEW ALL SUBMITTALS AND APPROVE THEM IN COMPLIANCE WITH CONSTRUCTION DOCUMENTS PRIOR TO SENDING TO ARCHITECT FOR HIS REVIEW. WERE SUBMITTAL/SAMPLES INVOLVE A COLOR/TEXTURES APPROVAL CONTRACTIOR IS TO NOTE EXCEPTION. SUBMIT SCHEDULE OF ALL EXHIBITS/SUBITTALS IN NUMERICAL ORDER TO ARCHITECT/ENGINEER WITHIN (7) BUSINESS DAYS AFTER PRECONSTRUCTION MEETING. EACH COVER PAGE OF EACH SUBMITTAL SHALL HAVE AT LEAST 3"X 4" SPACE FOR ARCHITECTS REVIEW STAMP, PROJECT NAME, SPECIFICATION NUMBER & NUMBER FROM SUBMITTAL SCHEDULE. ARCHITECT WILL ACCEPT HARD AND ELECTRONIC SUBMITTALS (EXCEPT FINISHES) HOWEVER THEY MUST NOT REQUIRE ANY SPECIAL SOFTWARE OUTSIDE OF STANDARD MICROSOFT & ACROBATE SOFTWARES. HARD COPIES MUST BE SUPPLIED WITH (4) COPIES. FINISHES SUCH AS CARPET, BASE, ACOUSTICAL TILE, VINYL FLOORING, PAINT COLORS, ETC. SHALL BE SUPPLIED AS SAMPLES. ARCHITECT & SUPPORTING ENGINEERS MAY TAKE AS LONG AS 2 WEEKS FOR REVIEW SO CONTRACTOR MUST CONSIDER TIME FOR RESUBMITTAL IF NECESSARY.

3A. POURED-IN-PLACE CONCRETE & FOOTINGS; ALL CONCRETE USED SHALL HAVE A MINIMUM STRENGTH OF 2,500 P.S.I. COMPRESSIVE STRENGTH WITHIN 28 CALENDAR DAYS. ALL STRUCTURAL HARDWARE IS TO BE IN PLACE PRIOR TO INSPECTION AND CONCRETE POUR. BEFORE POURING CONCRETE OCCURS, ALL CRUSHED ROCK, VAPOR BARRIER, SAND, AND REINFORCING STEEL SHALL BE IN PLACE. ALL AREAS WHERE CONCRETE COMES INTO CONTACT WITH THE EARTH SHALL BE FREE OF ALL LOSE DEBRIS AND ROCKS. NO POCKETS OR VOIDS WILL BE ALLOWED IN THE CONCRETE WORK.

1. CONCRETE WORK IS MINOR. USE OF THIS SECTION IS FOR THE FILING OF HOLES CREATED BY PLUMBING ABANDONMENT OR MODIFICATION FOR THE WEST MOST REMAINING TOILET ROOM AND EAST MOST REMOVED TOILET ROOM, ALONG WITH ANY OTHER SLAB/CUT WORK ON THE EXISTING CONCRETE SLAB WORK FOR UTILITIES.

MASONRY: (NONE ON THIS PROJECT).

METALS: STEEL REINFORCING BARS SHALL BE DEFORMED NO. 4 BARS MINIMUM GRADE 40 K.S.I. CONFORMING TO ASTM A615 STANDARD SPECIFICATIONS, UNLESS OTHERWISE NOTED. ALL REINFORCING BARS SHALL HAVE MINIMUM 2-INCH COVERAGE, UNLESS AGAINST EARTH THEN 3 INCHES MINIMUM COVERAGE IS REQUIRED. LAPS IN REINFORCING BARS SHALL BE AT LEAST 40 TIMES THE DIAMETER OF THE BARS. STEEL POST BASES, HOLDOWNS, TIES, STRAPS, AND/OR SADDLES ARE TO BE PLACED PRIOR TO FOUNDATION INSPECTION AND CONC. POUR.

1. STEEL FOR NEW CS STEEL LINTEL AT NEW OPENING AT EAST END OF STRUCTURE SHALL BE TYPE

2. GAS LINE VERTICAL PROTECTION; CONTRACTOR TO PROVIDE STEEL VERTICAL PROTECTION OF EXTERIOR PROPANE GAS LINES AT BASE OF EXTERIOR WALL ON SOUTH SIDE. PROTECTION SHALL MATCH EXISTING SHEILDS. SHEILDS SHALL BE AT LEAST 36" HIGH AND APPROXIMATELY 4" WIDE X 3" DEEP X 3/16" THICK. SHEILDS SHALL HAVE 3/16" THK. MOUNTING FLANGES TOP AND BOTTOM OF AT LEAST 3" WIDE. SHEILDS SHALL BE BOLTED TO CONCRETE TILT-UP PANELS USING 3/8" THREADED ROAD AND NUT WITH 3" PENTRATION, USE "SIMPSON SET" EXPOXY ADHESIVE TO MOUNT.

- 6A. ROUGH CARPENTRY; ALL LUMBER SHALL BE DOUGLAS FIR NO. 2 UNLESS OTHERWISE NOTED. LUMBER IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED. ALL EXTERIOR WALL FRAMING SHALL BE MINIMUM 2"X4" AT 16 INCHES ON CENTER UNLESS OTHERWISE NOTED. INTERIOR NON-BEARING WALLS SHALL BE 2"X4" AT 16" & 24" ON CENTER, SEE PLANS FOR LOCATIONS. ALL FRAMING SHALL COMPLY WITH THE 2013 C.B.C. CODES, STANDARDS AND REQUIREMENTS. ALL HARDWARE TO "SIMPSON" OR EQUIVALENT. ALL HEADERS FOR OPENINGS IN NON-BEARING WALLS SHALL BE DOUBLE 2"X 6" OR 4"X 6" AND TO BE SUPPORTED BY DOUBLE TRIMMER & DOUBLE KING STUDS WHERE OPENINGS EXCEED 6 FEET IN WIDTH. PROVIDE FULL BEARING FOR A BEAMS AND HEADERS. PROVIDE POSITIVE TYPE POST AND BEAM TYPE CONNECTIONS ("SIMPSON" PC, AC, BC, CC, T, L OR ST, OR LAP EACH SIDE OF BEAM & POST ALL NAILING TO BE PER TABLE 2304.9.1 OF THE 2013 C.B.C.
- EXTERIOR STRUCTURAL WALL SHEATHING AND COVERING: THE EXTERIOR OF THE NEW WALL IN NEW OPENING ON THE EAST WALL SHALL BE COVERED WITH 3/8" STRUCTURAL PLYWOOD SHEATHING NAILED WITH 8d COMMON NAILS AT 6" ON CENTER AT EDGES AND 12" ON CENTER IN FIELD (NAILING DIFFERENT AT BRACE WALLS SCHEDULE FOR ADDITIONAL INFORMATION). EXTERIOR STRUCTURAL PLYWOOD SHEATHING SHALL THEN BE COVERED WITH VAPOR BARRIER OR OTHER APPROVED VAPOR/MOISTURE BARRIER. FINAL EXPOSED SURFACE TO BE EXTERIOR CEMENT PLASTER/STUCCO TO

6C. SHEATHING:

MATCH EXISTING.

ROOF SHEATHING SHALL BE 19/32" APA #40/20 MIN. NAILED WITH 8d NAILS 6" ON CENTER AT ALL PANEL EDGES AND OVER BLOCKING AT PERIMETER OF BUILDING, AND 12" ON CENTER IN FIELD OF PANEL AS ON BUILDING SECTION. PROVIDE PANEL CLIPS MID-SPAN OF SHEATHING BETWEEN JOISTS OR TRUSSES. (AT NEW HVAC PADS FOR AIR-HANDLERS)

- ALL INTERIOR WALLS ALONG COLUMN LINES 2, 3, 4 &5 AND SOUTH WALL OF UTILLITY STORAGE ROOM USING 2" X 6" FRAMING MEMBERS SHALL BE INSULATED WITH R-19 FIBERGLASS BATT INSULATION. ALL HIGH CEILINGS AT ROOF HAVE EXISTING R-19 FIBERGLASS INSULATION WITH VAPOR BARRIER COVERING, HOWEVER IN AREAS IN TREATED AIR SPACE WERE EXISTING INSULATION MAY NEED TO MANIPULATED OR TEMPORARILY REMOVED FOR INSTALLATION OF PROJECT COMPONENTS THOSE AREAS SHALL BE INSULATED WITH R-19 FIBERGLASS BATT INSULATION WITH VAPOR BARRIER TO MATCH EXISTING. INSULATION ON FURRED EXTERIOR CONCRETE TILT-UP WALLS SHALL BE R-13 FIBERGLASS BATT INSULATION WITH VAPOR BARRIER NEW EXTERIOR WALL IN NEW OPENING ON EAST WALL SHALL BE R-19 FIBERGLASS BATT INSULATION WITH VAPOR BARRIER. INSTALL ALL INSULATION PER CODES AND MANUFACTURES
- 2. ALL INSULATION SHALL BE IN ACCORDANCE WITH THE 2010 CALIFORNIA ENERGY CODE & CALIFORNIA GREEN MEASURES.
- 7B. BUILT-UP ROOFING; THERE IS AN EXISTING BUILT-UP ROOFING ON THE STRUCTURE. ARCHICTECT INVESTIGATION OF AS-BUILT DRAWINGS INDICATED THAT THE EXISTING ROOF IS (2) PLY #11 FIBERGLASS TYPE PLY OVER A CLASS 'B' BASE SHEET. CONTRACTOR/BIDDERS SHOULD FIELD VERIFY AT TIME OF BIDDING. INTENT IS TO PATCH/REMEDY/REPAIR WITH SAME TYPE OF ROOFING THAT IS EXISTING ON THE STRUCTURE. SCOPE OF WORK WILL INCLUDE REWORKING ROOF COVERING AROUND NEW ROOF PENETRATIONS, SUCH AS BUT NOT LIMITED TOO, HVAC PADS, EXHAUST FANS, GAS LINES, ELECTRICAL LINES, SUPORT PADS FOR ELECTRICAL AND PLUMBING LINES. PATCHING REPAIR WORK SHALL OCCUR AS RECOMMENDED BY THE EXISTING ROOF SYSTEM
- 8A. DOORS, FRAMES & HARDWARE; ALL SWING DOORS TO BE MINIMUM 6'-8" IN HEIGHT AND 3' X 0" IN WIDTH, UNLESS OTHERWISE NOTED. DOORS SHALL BE SOLID CORE AND MATCH THE EXISTING DOORS IN THE EXISTING PROBATION DEPARTMENT. THE EXISTING DOORS APPEAR TO BE MANUFACTURED BY "TIMELY PREFINISHED STEEL DOORS" OR APPROVED EQUAL.
- INTERIOR DOOR HARDWARE: ALL INTERIOR DOOR HARDWARE SHALL BE COMMERICAL GRADE LEVER RETURN TYPE AND A.D.A COMPLIANT TO MATCH EXISTING HARDWARE IN EXISTING PROBATION DEPARTMENT (ARCHITECT BELIEVES HARDWARE WAS SUPPLIED BY "TIMELY DOORS AND FRAMES" OR EQUAL). ALL SWING DOORS SHALL HAVE MINIMUM 3 HINGES PER LEAF TO MATCH EXISTING IN EXISTING PROBATION DEPARTMENT OR EQUAL. NO AUTOMATIC CLOSERS ARE REQUIRED FOR INTERIOR DOORS UNLESS NOTED OTHERWISE.
- 2. EXISTING EXTERIOR STORE FRONT DOORS HARDWARE: ALL OF THE DOORS AND HARDWARE IN THE EXISTING STOREFRONT WINDOW SYSTEM ARE EXISTING AND HAVE EXISTING WEATHER SEALS AND AUTOMATIC CLOSERS. HOWEVER EXISTING PUSH/PULL BARS ON THE INTERIOR SIDE OF DOOR ARE TO BE REMOVED AND REPLACED WITH PANIC BARS INCLUDING ALL RETROFIT HARDWARE OF DOOR, FRAME AND REMAINING EXTERIOR PUSH/PULL HANDSET. PANIC BARS ARE TO BE COMMERICAL GRADE MATCH EXISTING IN EXISTING PROBATION DEPARTMENT AND BE A.D.A COMPLIANT.
- 3. EXISTING EXTEROR METAL DOORS AND HARDWARE: ALL OF THE EXISTING DOORS ON THE SOUTH EXTERIOR SIDE OF THE PROPOSED PROBATION OFFICE AND THE DOOR ON THE EAST EXTERIOR SIDE OF THE TRAINING WAREHOUSE ARE EXISTING METAL DOORS AND FRAMES. REMOVE EXISTING INTERIOR LEVER SET HARDWARE AND REPLACE WITH A PANIC BAR INCLUDING ALL RETROFIT HARDWARE OF DOOR, FRAME AND REMAINING EXTERIOR A.DA. COMPLIANT LEVER HANDSET. ALSO PROVIDE SURFACE MOUNTED AUTOMATIC COMMERIAL GRADE DOOR CLOSER AT EACH DOOR, TO MATCH EXISTING IN EXISTING PROBATION OFFICE. PROVIDE AND INSTALL AT MAN DOORS A.D.A. APPROVED ALUMINUM THRESHOLDS SET IN BUTYL CAULKING AND MECHANICALLY FASTENED TO CONCRETE FLOOR FOR A WEATHER TIGHT SEAL. PROVIDE NEW COMMERICAL GRADE WEATHER SEALS AT HEAD AND JAMBS OF DOOR FRAMES AND AT BOTTOM OF DOORS.
- EXISTING METAL COIL ROLL-UP DOORS: THERE ARE CURRENTLY 4 ROLL-UP DOORS ON THE SOUTH SIDE OF THE BUILDING. THE 2 DOORS ON THE EAST END SHALL BE FIXED PERMENTLY IN THE COILED UP POSITION AND REMOVE WALL GUIDES AND BRACKETS FOR INSTALLATION OF FURRING. THE 2 REMAINING DOORS SHALL HAVE THE FOLLOWING; PROVIDE AND INSTALL A.D.A. APPROVED ALUMINUM THRESHOLDS SET IN BUTYL CAULKING AND MECHANICALLY FASTENED TO CONCRETE FLOOR FOR A WEATHER TIGHT SEAL. PROVIDE NEW COMMERICAL GRADE WEATHER SEALS AT HEAD AND JAMBS OF DOOR FRAMES AND AT BOTTOM OF DOORS. PROVIDE/INSTALL NEW COMMERICAL GRADE BRONZE ALUMINUM RETAINER WITH NEOPRENE WEATHER GASKETS AROUND OPENING IN CONCRETE TILT-UP PANEL TO DOOR, AND NEOPRENE WEATHER GUARD AT BOTTOM OF DOOR TO NEW ALUMINUM THRESHOLDS.
- 5. NEW EXTEROR METAL DOOR AND HARDWARE: THERE IS I NEW METAL DOOR AND FRAME ON THE EAST END OF THE NEW CORRIDOR, IT SHALL BE THE FOLLOWING; THE METAL DOOR AND FRAME SHALL BE THE SAME GAUGE STEEL/CONSTRUCTION AS THE EXISTING METAL DOORS ON THE SOUTH EXTERIOR SIDE OF BUILDING, EXCEPT MOUNTED TO WOOD FRAMING INSTEAD OF CONCRETE TILT-UP PANEL. HARDWARE/CLOSER/FINISH/TYPE/SEALS SHALL BE THE SAME AS THE MODIFIED EXISTING EXTERIOR METAL DOORS IN PARAGRAPH 8A.3 ABOVE IN THIS SECTION.
- 6. ALL DOOR HARDWARE AT EXIT DOORS TO ALLOW DOORS TO OPENED FROM THE INSIDE WITHOUT KEY, SPECIAL KNOWLEDGE, OR EFFORT. ALL DOORS TO BE EQUIPED WITH SINGLE-EFFORT, NON-GRASPING TYPE A.D.A APPROVED HARDWARE CENTERED BETWEEN 30" TO 40" OFF OF FINISHED FLOOR (MATCH EXISTING HEIGHT OF HANDSETS).
- 7. EXIT DOORS THAT HAVE PANIC BARS WITH A KEYED DEAD BOLT WITH NO OTHER LOCK OR LATCH MUST HAVE AN ADJACENT SIGN IN 1" HIGH CONTRASTING LETTER COLOR STATING "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS".
- 8. ALL DOORS SHALL BE IN ACCORDANCE WITH THE 2010 CALIFORNIA ENERGY CODE & CALIFORNIA GREEN MEASURES.

WINDOWS/GLAZING: ALL EXTERIOR WINDOWS SHALL BE METAL FRAMED DUAL GLAZED WINDOWS TO MATCH EXISTING IN PROBATION OFFICE. DOUBLE-GLAZED TEMPERED LOW-E WITH A MINIMUM "U-VALUE" OF .40 AND SHGC OF .40 OF LOW-E GLAZING, ALL INSULATED GLAZING SHALL VENT SO TO PREVENT FOGGING. ALL INTERIOR WINDOWS SHALL BE METAL FRAMED TO MATCH EXTERIOR WINDOWS AND TEMPERED SINGLE GLAZED 3/16" THICK GLASS WITH NO TINT. GLASS IN TOILET ROOM AREAS SUCH AS MIRRORS SHALL BE TEMPERED GLASS. VERIFY ALL VALUES WITH TITLE 24 ENERGY REPORT. FOR FIRE PROTECTION ALL WINDOWS SHALL BE TEMPERED GLASS.

1. ALL WINDOWS SHALL BE IN ACCORDANCE WITH THE 2008 CALIFORNIA ENERGY CODE & CALIFORNIA GREEN MEASURES.

8C. PLASTER & LATH; (NOTE: IT IS RECOMMENDED THAT THE EXTERIOR PLASTER BE A SMOOTHER TYPE FINISH, FINAL TEXTURE AND COLOR OF NEW PLASTER IS TO MATCH EXISTING).

1. VERTICAL LATH; SHALL BE PAPER BACKED FABRIC LATH WITH INTEGRAL VAPOR BARRIER EOUAL TO #15 FELT. WOVEN WIRE FABRIC SHALL BE 18 GAGE BOTH WAYS. FASTEN LATH WITH 1 1/4" NO. 11 GAGE NAILS @ 6" ON CENTER IN FIELD AND 2" FROM EDGES. ALTERNATE METHODS MAY BE USED COMPLYING WITH LOCAL CODES AND TABLE 25-C OF THE U.B.C. PROVIDE CONTINUOUS VERTICAL WIRE REINFORCEMENT AT OUTSIDE CORNERS, EXCEPT AT FOAM ACCENT EDGES. PROVIDE 26 GA. GALV. METAL WEEP SCREED WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 3 1/2" SO LOWER

EDGE IS 1/2" BELOW BOTTOM PLATE. 2. HORIZONTAL LATH; 26 GA, GALV. EXPANDED RIBBED METAL LATH FASTENED WITH 4d BLUED SMOOTH BOX 1 1/2" @ 6" ON CENTER. ALTERNATE METHODS MAY BE USED COMPLYING WITH LOCAL CODES AND TABLE 25-C OF THE U.B.C. AT ALL HORIZONTAL EAVES PROVIDE A CONTINUOUS 2" WIDE PERFORATED EAVE VENT WIRE TO METAL LATH.

3. PLASTER: PLASTER SHALL BE APPLIED IN 3 COATS WITH A 7/8" THICKNESS AT VERTICAL SURFACES AND 5/8" THICK AT HORIZONTAL SURFACES (EAVES). BASE COAT SHALL BE APPLIED WITH SUFFICIENT MATERIAL AND PRESSURE TO FILL SOLIDLY ALL OPENINGS IN THE LATH. THE SURFACE SHALL BE SCORED HORIZONTALLY TO PROVIDE ADEQUATE BOND TO RECEIVE SECOND COAT. THE SECOND COAT OF PLASTER SHALL BE BROUGHT OUT TO PROPER THICKNESS (3/4" ON WALLS & 1/2" ON EAVES), RODDED AND FLOATED SUFFICIENTLY ROUGH FOR APPLICATION ON FINAL COAT. THE SECOND COAT SHALL HAVE NO VARIANCE GREATER THAN 1/2" WITH A 5 FOOT AREA. 1ST & 2ND COATS OF PLASTER SHALL BE 1 PART CEMENT, 1 PART LIME, 4 PARTS SAND (3 PARTS SAND FOR SECOND COAT).

9A. GYPSUM WALLBOARD; ALL INTERIOR GYPSUM WALL BOARD SHALL BE 5/8" THICK, WATER RESISTANT TYPE AT ALL PLUMBING LOCATIONS. ALL WALLBOARD SHALL BE SCREWED APPLIED, TAPED AND TEXTURED TO MATCH EXISTING IN EXISTING PROBATION OFFICE. ALL OUTSIDE CORNERS INCLUDING WALLS, WINDOW OPENINGS, OPENINGS, AND SOFFIT CORNERS, SHALL HAVE RADIUS TYPE CORNER BEAD AT OUTSIDE CORNER CONDITION TO MATCH EXISTING IN EXISTING PROBATION OFFICE.

9B. PAINTING; ALL GYPSUM BOARD, WOOD AND METAL SURFACES, NOT PRE-FINISHED, SHALL BE

1. APPLIED GYPSUM BOARD ABOVE SUSPENDED CEILINGS NEED ONLY BE FIRE TAPED AND PRIMED

PRIMED PRIOR TO FINAL COLORS AS RECOMMENDED BY PAINT MANUFACTURE FOR COMMERICAL GRADE LATEX FINISH TYPE PAINT (EXCEPT LOWER PORTION OF TOILET ROOM WALLS, SEE 9B.1 BELOW). FINAL 2 COATS OF PAINT SHALL BE OF A WATER- BASED LATEX ENAMEL PAINT AND SHALL BE OF COLORS AND SHEAN THAT MATCH ALL EXISTING COLORS IN THE EXISTING PROBATION OFFICE. ALL WOOD SHALL HAVE LESS THAN 17% MOISTURE CONTENT PRIOR TO PRIMING. 1. TOILET ROOM WALLS; WALLS TO BE 2 PART EXPOXY OVER PRIMER AS SELECTED BY PAINT

MANUFACTURE WITH SMOOTH TEXTURE TO A MINIMUM OF 48" OFF OF FIN. FLR. OVER MOISTURE RESISTANT UNDERLAYMENT.

9C. FLOORING; ALL FLOORING SHALL MATCH QUALITY/COLOR/APPLICATION OF THE EXISTING FLOORING IN THE EXISTING PROBATION OFFICE.

- 1. SHEET VINYL FLOORING; ALL VINYL FLOORING SHALL BE INSTALLED BY PROFESSIONAL INSTALLERS THAT HAVE AT LEAST 5 YEARS OF EXPERIENCE. ALL VINYL FLOORING SHALL MATCH EXISTING COLOR IN EXISTING PROBATION OFFICE. ALL SHEET VINYL FLOOR TILE SHALL BE 1/8" THICK WITH THROUGH COLOR WITH 5" INTRAGAL COVED BASE WITH A CORRSION RESISTANT METAL TOP EDGE TO MATCH EXISTING IN EXISTING PROBATION OFFICE. ADHESIVE SHALL BE AS RECOMMENDED BY VINYL FLOORING MANUFACURE FOR COMMERCIAL APPLICALTIONS. ALL SEAMS SHALL BE WELDED SEEMS. CONTRACTDOR TO SUBMIT SEAM LAYOUT DRAWINGS. SHEET VINYL APPEARS TO BE MANUFACTURED BY ARMSTONG FLOORING WITH "INITIATOR" AS THE QUALITY MEASURE OR AS APPROVED EQUAL.
- 2. RUBBER BASE; ALL RUBBER BASE SHALL BE INSTALLED BY PROFESSIONAL INSTALLERS THAT HAVE AT LEAST 5 YEARS OF EXPERIENCE. ALL BASE SHALL MATCH EXISTING COLOR IN EXISTING PROBATION OFFICE. ALL BASE SHALL BE 4", EXCEPT IN TOILET ROOMS WITH THROUGH COLOR. ADHESIVE SHALL BE AS RECOMMENDED BY VINYL FLOORING MANUFACURE FOR COMMERCIAL
- CARPET; ALL CARPET FLOORING SHALL BE INSTALLED BY PROFESSIONAL INSTALLERS THAT HAVE AT LEAST 5 YEARS OF EXPERIENCE. ALL CARPET SHALL BE 26 ONCE SOLUTION DYED NYLON CARPET WITH NON-ORGANIC UNITARY BACKING (NO POLYPROPYLENE ALLOWED). ADHESIVE SHALL BE AS RECOMMENDED BY CARPET MANUFACURE FOR COMMERCIAL APPLICALTIONS TO CONCRETE SLAB ON GRAD CONDITIONS. CONTRACTDOR TO SUBMIT SEAM LAYOUT DRAWINGS, SEAMS SHALL NOT OCCUR IN HIGH TRAFFIC AREAS. CARPET APPEARS TO MANUFACTURED BY "SHAW INDUSTRIES" OR APPROVED EQUAL.

9D. ACOUSTICAL TILE CEILING; INTENT IS TO MATCH EXISTING ACOUSTICAL TILE CEILING IN THE EXISTING COUNTY PROBATIONS DEPARTMENT. CEILING IS BELIVE TO BE AS MANUFACTURED BY "ARMSTRONG" BUT CONTRACTOR/BIDDER SHOULD FIELD VERIFY EXISTING SUSPENDED TILE CEILING TO MAKE SURE THEY MATCH.

1. PROVIDE ALL NECESSARY COMPONENTS TO INSTALL SUSPENDED ACOUSTICAL CEILING INCLUDING BUT NOT LIMITED TO SOFT STEEL SUSPENSION WIRE, ALL TRIMS AND/OR MOLDINGS WHEREVER CEILING MEETS WALLS, PARTITIONS, AND OTHER VERTICAL ELEMENTS AND OTHER TYPES OF CEILINGS OR CEILING FIXTURES; WHERE CEILING MOUNTED FIXTURES HAVE INTEGRAL FLANGE TRIM SO THAT NO ADDITON TRIM IS REQUIRED.

2. PROVIDE PREFISHED PROJECTOR MOUNTING KIT AT ALL CEILING MOUNTED PROJECTOR LOCATIONS. UNIT SHALL AS MANUFACTURED BY "PEERLESS" MODEL CMJ500R1 OR EQUAL.

3. ACOUSTICAL SUSPENSION SYSTEM, EXPOSED GRID, NON-RATED. FINISHED TO MATCH EXISTING, APPEARS TO BE WHITE.

4. CEILING TILE, MINERAL FIBER WITH ACRYLIC PAINT FINISH TO MATCH EXISTING IN EXISTING PROBATION OFFICE.

5. TILE CEILING SHALL BE 24"X 48".

HOT GASES CANNOT PASS THROUGH WALL.

6. PROVIDE ALL HANGERS AND INSERTS NECESSARY TO SUPPORT ACOUSTICAL TILE CEILINGS. PROVIDE SUPPLEMENTARY ROUGH SUSPENSION SYSTEM AND TRAPESING WHERE NECESSARY TO SUPPORT ACOUSTICAL CEILINGS BENEATH PIPES, DUCTS, CONDUIT, EQUIPMENT, ETC.

SIGNAGE; BUILDER/BIDDER SHALL BE RESPONSIBLE FOR ACCESSABLE SIGNAGE THIS PROJECT AND INCLUDE SIGANGE ALONG WITH COMPLIANCE DESIGN AND MOUNTING IN THEIR BID. ALL SIGNAGE SHALL COMPLY WITH 2013 CBC SECTIONS 11B-216, 11B-703 & DIVISION 7 OF THE 2013 CBC.

1. INTERIOR AND EXTERIOR SIGNAGE IDENTIFYING PERMANTE ROOMS AND SPACES SHALL COMPLY WITH SECTIONS 11B-703.1, 11B-703.2, 11B-703.3 & 11B-703.5 OF THE 2013 CBC. WHERE PICTOGRAMS ARE PROVIDED AS DESIGNATIONS OF PERMANENT ROOMS AND SPACES. THE PICTOGRAMS SHALL COMPLY WITH SECTION 11B-703.2 AND 11B-703.5 OF THE 2013 CBC.

2. ENTRANCES IN EXISTING BUILDINGS SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESIBILTIY COMPLYING WITH SECTION 11B-703.7.2.1.

3. TOILET ROOMS DOOR WAYS LEADING TO TOILET ROOMS SHALL BE IDENTIFIED BY A BEOMETRIC SYMBOL COMPLYING WTH SECTION 11B-703,7.2.6 OF THE 2013 CBC.

4. ALL SIGNAGE SHALL BE IN COMPLIANCE OF DIVISION 7 OF THE 2013 CBC.

11-20. (NOT USED)

FIRE PROTECTION REQUIREMENTS: THIS BUILDING HAS A FUNCTIONING APPROVED FIRE SPRINKLER SYSTEM AND RISERVALARM IN PLACE, WORK INCLUDES EXTENDING NEW FIRE SPRINKLER HEADS AND LINES FROM ABOVE CEILING HEADS AT BOTTOM OF ROOF TO CEILING AREAS BELOW AND PROVIDING EMERGENCY EXIT SIGNS, STROBE LIGHTING AND SIGNAGE AS REQUIRE BY ALL LOCAL AND STATE ANGENCIES, SEE BELOW. SEE REFLECTED CEILING PLAN FOR PROPOSED DROPPED LOCATIONS OF SPRINKLER HEADS. THE REFLECTED CEILING PLAN HEAD LOCATIONS ARE FOR ROUGH ESTIMATIONS ONLY. BUILDER MUST PROVIDE A DEFERRED APPROVAL DRAWINGS TO THE BUILDING DEPARTMENT PRIOR TO RECONFIGURATION, CONTRACTOR'S DESIGNER IS RESPONSIBLE FOR CORRECT PLACEMENT AND PROVIDE SUBMITTAL OF NEW FIRE SPRINKLER HEADS, EXIT SIGNS, STROBE LIGHTS, FIRE EXTINGISHERS, HORNS, PULL STATIONS, DUCT SMOKE DECTORS, SMOKE & CARBION MONOXIDE DECTORS, BATTERY BACK UP SYSTEMS TO THE SATISFACTION FIRE MARSHALL AND BUILDING DEPARTMENT, THESE ITEMS MUST BE INCLUDED IN BID. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PERMIT PROCESS AND ALL APPLICABLE FEES. ALL FIRE CONSTRUCTION SHALL COMPLY WITH THE STATE OF CALIFORNIA TITLE 24 AND CURRENT EDITION OF THE NATIONAL FIRE PROTECTION ASSOCIATION (N.F.P.A.) REQUIREMENTS & CHAPTER 9 OF THE 2103 CBC. PREMISES IDENTIFICATION (BUILDING ADDRESS NUMBERS) WILL BE PROVIDE AT LEAST 6 INCHES TALL AS PER 2010 CRC. ALL PENETRATIONS INCLUDING PLUMBING & CENTRAL VACUUM SYSTEM PASSING THROUGH FIRE RATED WALLS AND CEILINGS (5/8" GYP. BRD.) SHALL BE METALLIC AND SEALED SO THAT

1. SPRINKLER DEMAND AND DESIGN SHALL COMPLY WITH CURRENT EDITION OF THE CALIFORNIA

FIRE CODE. 2. AUTOMATIC SPRINKLER SYSTEM SHALL BE MONITORED BY AN APPROVED SUPERVISING STATION.

PROVIDE/INSTALL APPROVED CLASS 'A' FIRE EXTINGUISHERS AT NO MORE THAT 75 FEET FROM ANY

POINT IN THE PROPOSED TENANT IMPROVEMENT, WITH APPROVED WALL BRACKET AT APPROVED HEIGHT BY FIRE MARSHALL.

4. ALL ROOF VALLEY'S SHALL HAVE MINIMUM 26GA. GALV. METAL 'W' FLASHINGS

5. ALL ROOF MATERIAL SHALL BE CLASS 'A' RATING AND MEET (ASTM) STANDARD E-108, UNDERWRITERS LABORATORY (UL) STANDARD 790 AND NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARD 276.

6. ALL ROOF GUTTERS SHALL BE FIRE RESISTANT DEBRIS COVERS THAT MINIMIZE LEAFS AND DEBRIS ACCUMULATION.

7. ALL WINDOWS AND DOORS SHALL HAVE AT LEAST ONE PANE OF GLASS THAT IS TEMPERED. 8. SMOKE & CARBON MONOXIDE TO BE HARD WIRED AND INSTALLED IN ACCORDANCE WITH N.F.P.A.

REQUIREMENTS AND LOCAL FIRE MARSHALL. PLUMBING; ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH THE 2010 CALIFORNIA C.P.C. 2008 CALIFORNIA ENERGY CODE AND ALL LOCAL & STATE CODES. SCOPE OF WORK SHALL INCLUDE ALL

PIPING FROM EXISTING TIE-IN TO NEW SINK, DISHWASHER, REFRIGERATOR, AND HOSE BIBS AS LOCATED BY OWNER. WORK SHALL INCLUDE ALL FAUCETS, FIXTURES, WATER CLOSETS, SINKS, HOSE-BIBS, WASTE LINES, DRAINS, ETC., FOR A FULLY FUNCTIONAL AND COMPLETE OPERATION OF ALL FIXTURES. ALL FINISHES AND TYPES ARE TO BE SELECTED BY THE OWNER.

- 1. PROPANE LINES SHALL NOT BE INSTALLED BELOW ANY CONCRETE SLAB WITHIN THE STRUCTURE, RUN LINES IN ATTIC, WALLS, ROOF SURFACES AND EXTERIOR WALL SURFACES AS MUCH AS
- 2. WATER HEATERS; INSTANTANOUS WATER HEATERS (2) TOTAL IS ARE WALL MOUNTED BELOW LAVATORIES BY "ECMAX" INSTANT/TANKLESS ELECTRIC TYPE TO MATCH EXISTING IN EXISTING TOILET ROOMS ALONG COLUMN LINE #2. NEW WATER HEATERS ARE REQUIRED FOR TOILET LAVATORY AND LOBBY LAVATORY ALONG COLUMN LINE #4, R-4 PIPE INSULATION
- 3. CALIFORNIA GREEN MEASURES; INDOOR WATER MEASURES SHALL BE REDUCED BY AT LEAST 20% USING WATER SAVING FIXTURES OR FLOW RESTRICTORS AS LISTED BELOW; SHOWER HEADS: SHALL BE RATED @ 2.0 GPM @ 80PSI OR LESS.

URINALS: SHALLE RATED @ 0.5 GALLONS PER FLUSH OR LESS AND MEET U.S. EPA WATER SENSE TANK-TYPE HIGH EFFICIENCY TOILET SPECIFICATIONS.

LAVATORY SINKS (NOT IN BATHROOMS): SHALL BE RATED @ 0.4 GPM @ 60PSI OR LESS AND MEET ASME A 112.18.1/CSA B125.1 REQUIREMENTS.

LAVATORY SINK IN BATHROOMS: SHALL BE RATED @ 0.4 GPM OR LESS @ 60PSI AND MEET ASME A 112.18.1/CSA B125.1 REQUIREMENTS.

AUTOMATIC IRRIGATION SYSTEM TIMERS/CONTROLLERS: SHALL BE WEATHER BASED

KITCHEN FAUCETS: SHALL BE RATED @ 1.8 GPM @ 60PSI OR LESS.

WATER CLOSETS (TANK TYPE): SHALL BE RATED @ 1.28 GALLONS PER FLUSH OR LESS AND MEET U.S. EPA WATER SENSE TANK-TYPE HIGH EFFICIENCY TOILET SPECIFICATIONS.

(AUTOMATIC SHUT-OFF DURING RAIN). MECHANICAL; ALL MECHANICAL WORK SHALL BE IN INSTALLED BY LICENSED CONTRACTORS

TRAINED & CERTIFIED IN THE PROPER INSTALLATION OF H.V.A.C. SYSTEMS AND IN ACCORDANCE WITH THE 2010 CALIFORNIA C.M.C., 2008 CALIFORNIA ENERGY CODE, CALIFORNIA GREEN MEASURES AND ALL LOCAL & STATE CODES, INCLUDING TITLE 24 ENERGY REGULATIONS AND CODES. MECHANICAL EQUIPMENT SHALL BE AS SELECTED BY THE OWNER WITH THE PREVIOUSLY MENTIONED CODE COMPLIANCE RESTRICTIONS. ALL DUCT & PLUMBING WORK SHALL BE PROPERLY SIZED, SUPPORTED AND INSTALLED BY LICENSED CONTRACTOR. ALL MECHANICAL EQUIPMENT SHALL BE LOCATED WERE EQUIPMENT IS WELL VENTILATED: THERMOSTATS SHALL CENTRALLY LOCATION WITHIN THE ZONE OF THE SYSTEM.

- 1. SCOPE OF WORK: WORK SHALL INCLUDE PROVIDING, PROPANE GAS FIRED ROOF TOP HVAC UNITS, EXHAUST FANS, PLUMBING, SUPPORTS, DRAINS, CONTROLS, ETC., FOR A FULLY FUNCTIONAL HEATING AND COOLING, AND EXHAUST SYSTEM.
- 2. H.V.A.C. UNITS: SEE MECHANICAL DRAWING AND CALCULATIONS FOR THE (5) NEW ROOF TOP
- ENERGY CONSERVATION: ALL HEATING, COOLING, BUILDING INSULATION, GLAZING TYPES AND AREA LIMITATIONS SHALL COMPLY WITH THE 2008 CALIFORNIA ENERGY CODE & CALIFORNIA GREEN MEASURES.
- 4. ROOF PENETRATIONS: SEE SECTION 7B BUILT-UP ROOFING AND DRAWINGS FOR PENTRATIONS THROUGH EXISTING STRUCTURAL AND COVERING REQUIREMENTS.
- 5. CALIFORNIA GREEN MEASURES: ALL DUCT SYSTEMS SHALL BE SIZED, DESIGNED AND EQUIPMENT IS SELECTED AS FOLLOWS. ESTABLISH HEAT LOSS AND HEAT GAIN VALUES ACCORDING TO ACCA MANUAL "J" OR EQUIVALENT. SIZE DUCT SYSTEMS ACCORDING TO ACCA 26-D (MANUAL D) OR EQUIVALENT. SELET HEATING AND COOLING EQUIPMENT ACCORDING TO ACCA 36-S (MANUAL S) OR

ELECTRICAL; ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE 2010 CALIFORNIA C.E.C., 2008 CALIFORNIA ENERGY CODE AND ALL LOCAL CODES AND STATE CODES. SEE ELECTRICAL DRAWINGS FOR FURTHER INFORMATION AND REQUIREMENTS.

- 1. SCOPE OF WORK: SHALL INCLUDE INSTALLING NEW CIRCUITS FROM EXISTING ELECTRICAL SUB-PANELS ON SOUTH SIDE OF STRUCTURE. PROVIDE ALL REQUIRED BREAKERS, WIRING AND CONDUIT, RECEPTACLES, SWITCHES, LIGHT FIXTURES, FACE PLATES, JUNCTION BOXES, GYP. BRD. RINGS, PULLS CORDS, AS SHOWN ON PLANS FOR A FULLY FUNCTIONAL OPERATIONAL TENANT
- 2. LIGHT SWITCHES: SHALL MATCH EXISTING IN EXISTING PROBATION OFFICE. ALL SWITCHES ARE TO BE MOTION SENSIVE AND SHALL BE ROCKER TYPE UNIT WITH MATCHING FACE PLATES.
- 3. CONTRACTOR TO VERIFY AND INSTALL RINGS AND PULL CORDS ONLY FOR ALL TELEPHONE, ANTENNA & DATA OUTLETS LOCATIONS WITH PROBATION DEPARTMENT, PRIOR TO INSTALLATION OF INSULATION AND/OR GYPSUM BOARD.
- 4. EXTERIOR OUTLETS SHALL BE G.F.C.I. PROTECTED AND WEATHER PROTECTED
- 5. SMOKE DETECTORS CONTRACTOR INSTALL SMOKE & CARBON MONOXIDE DETECTORS IN ACCORDANCE WITH THE LOCAL FIRE MARSHALL. SMOKE/CARBON MONOXIDE DETECTORS SHALL BE WIRED IN SERIES, RECEIVE THEIR POWER FROM THE BUILDING WIRING SYSTEM AND SHALL BE EQUIPPED WITH A BATTERY BACKUP. THE ALARM SHALL BE AUDIBLE THROUGHOUT THE

31A. SITE WORK & DEMOLITION SCOPE; NO SITE WORK IS ANTICIPATED FOR THIS PROJECT SEE PARAGRAPH 1G EXISTING CONDITIONS FOR FURTHER INFORMATION. DEMOLISHING CONSISTS SAW-CUTTING NEW OPENING IN EXISTING CONCRETE TILT-UP PANEL ON WEST SIDE OF BUILDING, REMOVING COIL ROLL-UP DOORS TRACK AND BRACKETS AND DELIVER TO OWNER, MISCELLANOUS REMOVAL/MODIFICATION TO EXISTING WALLS, CEILINGS AND ROOF FOR PLACEMENT OF NEW WALLS,

31B. CALIFORNIA GREEN MEASURES; IF PROJECT DISTURBS ONE ACRE OR LESS DURING GRADING OR CONSTRUCTION BUILDER SHALL MANAGE STORM WATER DRAINAGE DURING CONSTRUCTION BY ONE OR MORE OF THE FOLLOWING MEASURES TO PREVENT FLOODING OF ADJECENT PROPERTY EROSION AND RETAIN SOIL RUNOFF ON THE SITE;

1. RETENTION BASINS OF SUFFICIENT SIZE SHALL BE UTILIZED TO RETAIN STORM WATER ON THE

2. WHERE STORM WATER IS CONVEYED TO A PUBLIC DRAINAGE SYSTEM, COLLECTION POINT, GUTTER, OR SIMILAR DISPOSAL METHOD, WATER SHALL BE FILTERED BY USE OF A BARRIER SYSTEM, WATTLE OR OTHER METHOD APPROVED BY THE ENFORCING AGENCY.

3. ALL CONSTRUCTION SHALL COMPLY WITH A LAWFULLY ENACTED STORM WATER MANAGEMENT 4. THE SITE SHALL KEEP SURFACE WATER FROM ENTERING BUILDINGS BY USE OF SWALES, WATER

COLLECTION AND DISPOSAL SYSTEMS, FRENCH DRAINS, WATER RETENTION GARDENS/PONDS OR ANY OTHER WATER MEASURES WHICH KEEP SURFACE WATER AWAY FROM BUILDINGS AND AID IN

32-48 (NOT USED)

GROUNDWATER RECHARGE.

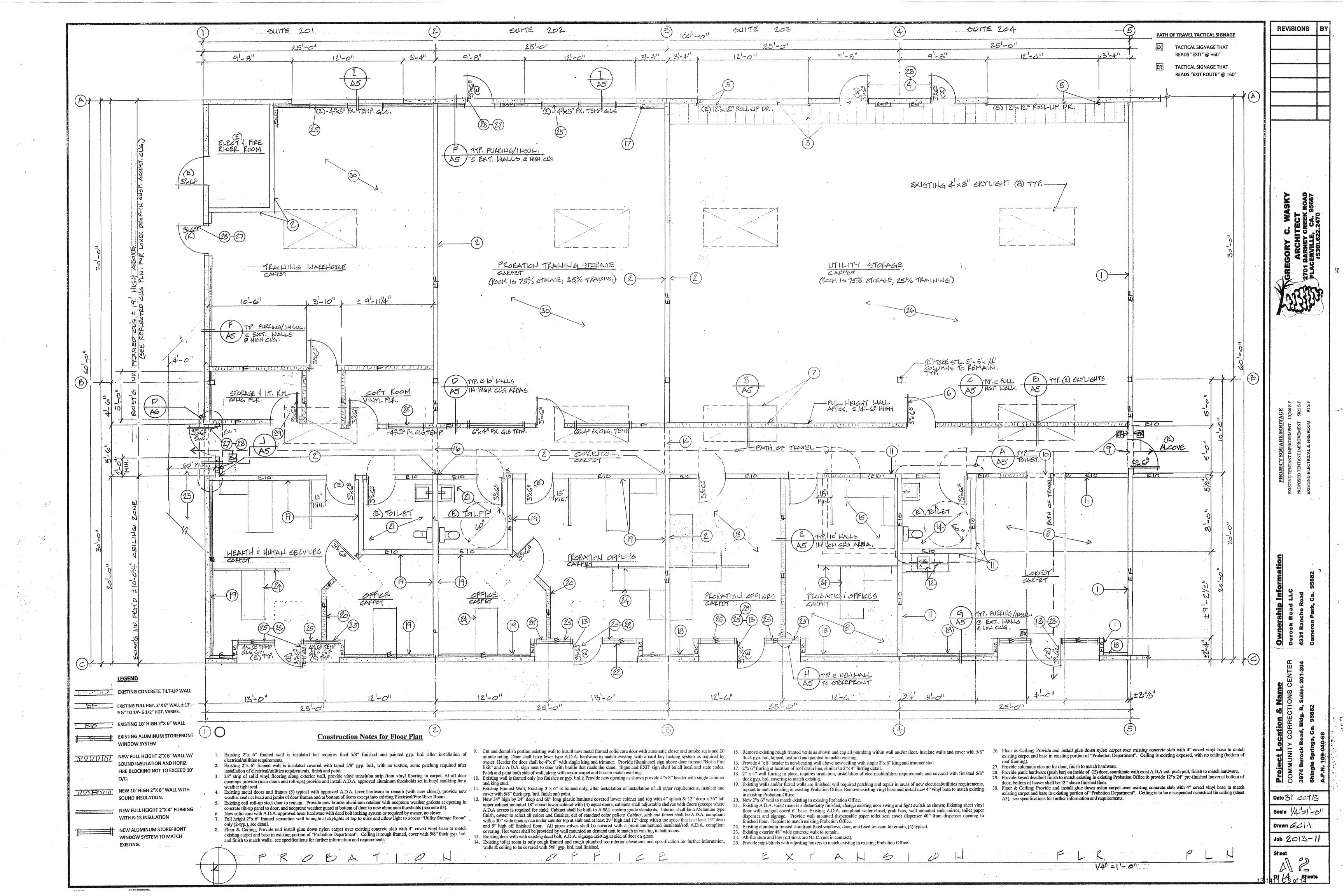
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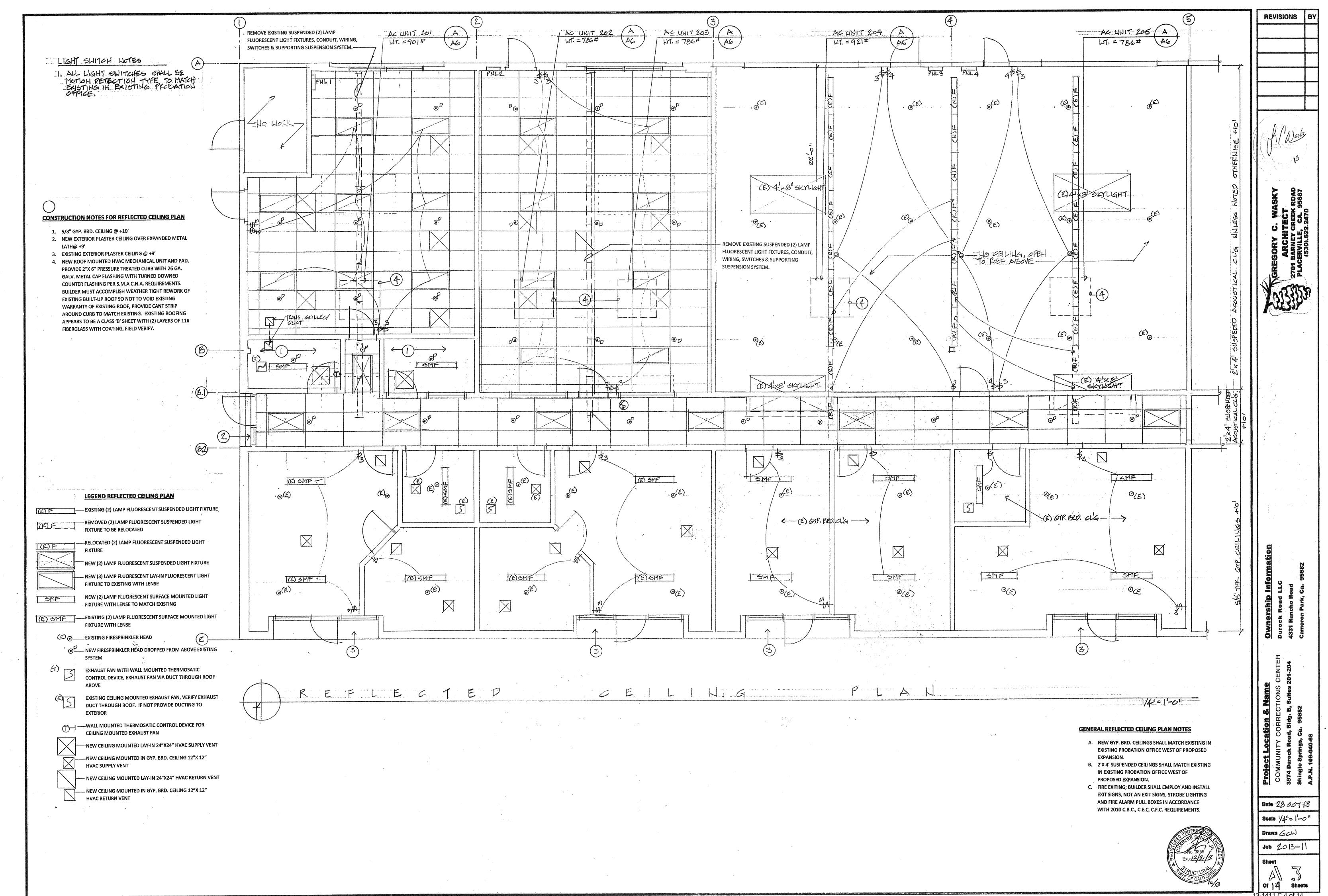
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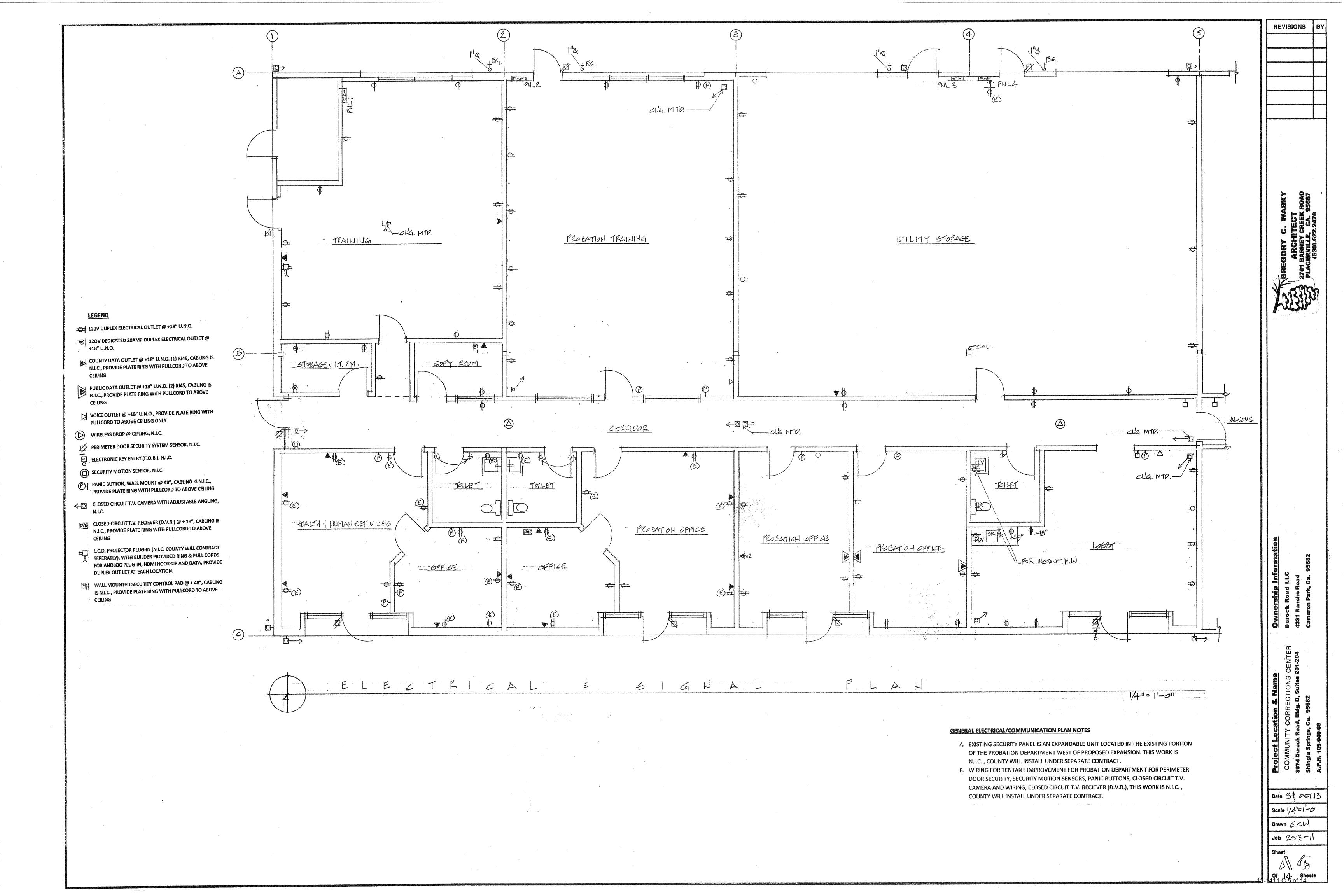
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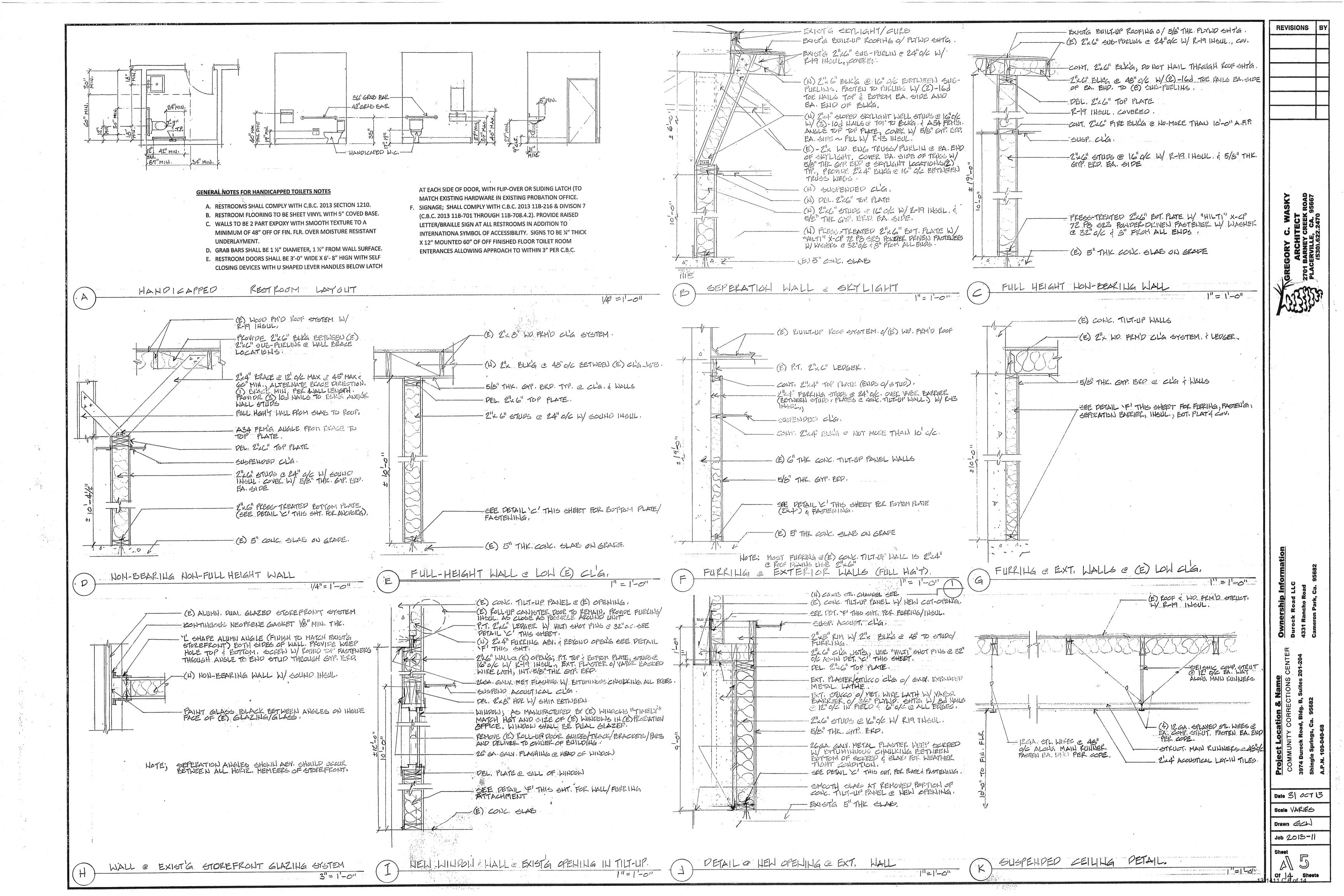


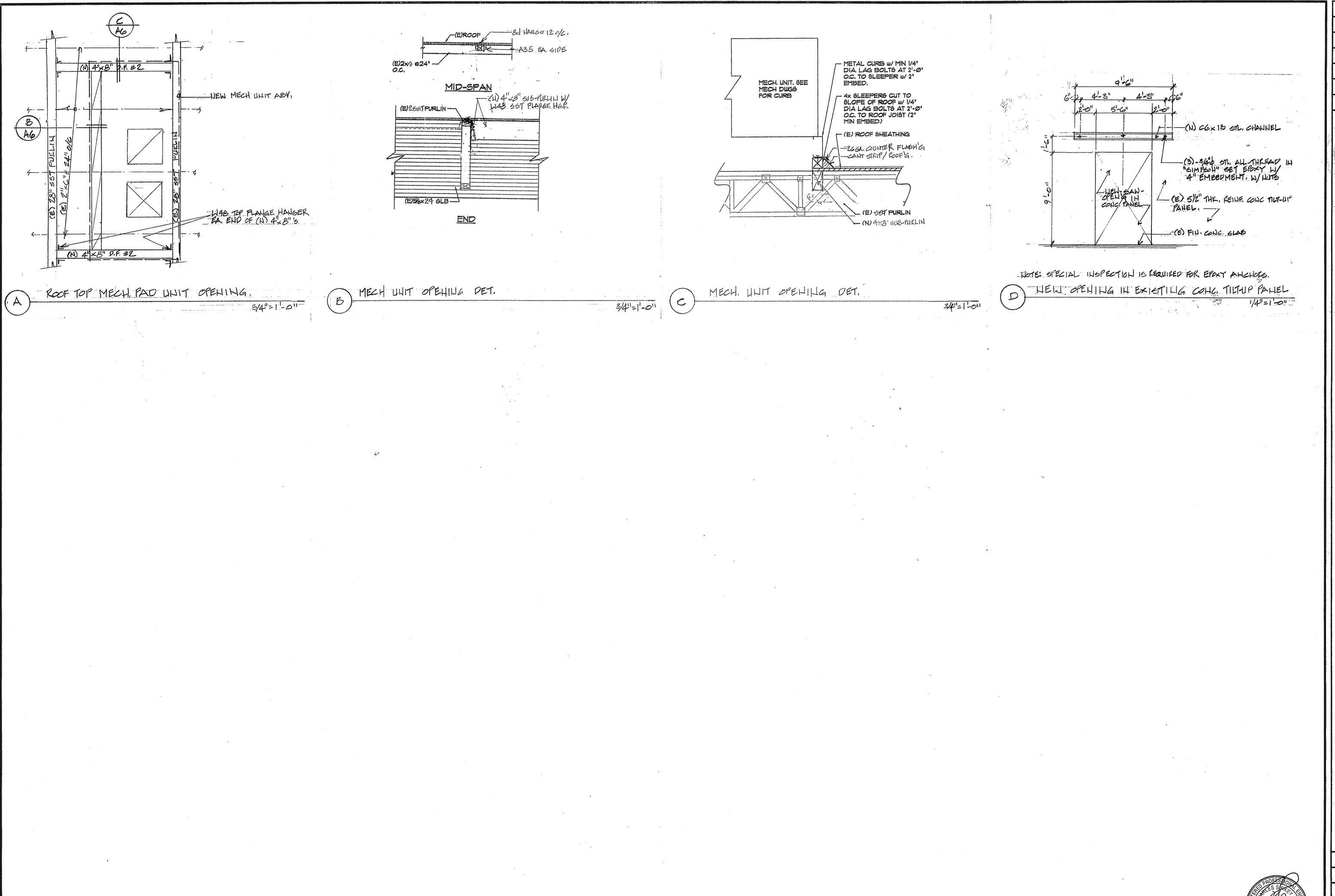


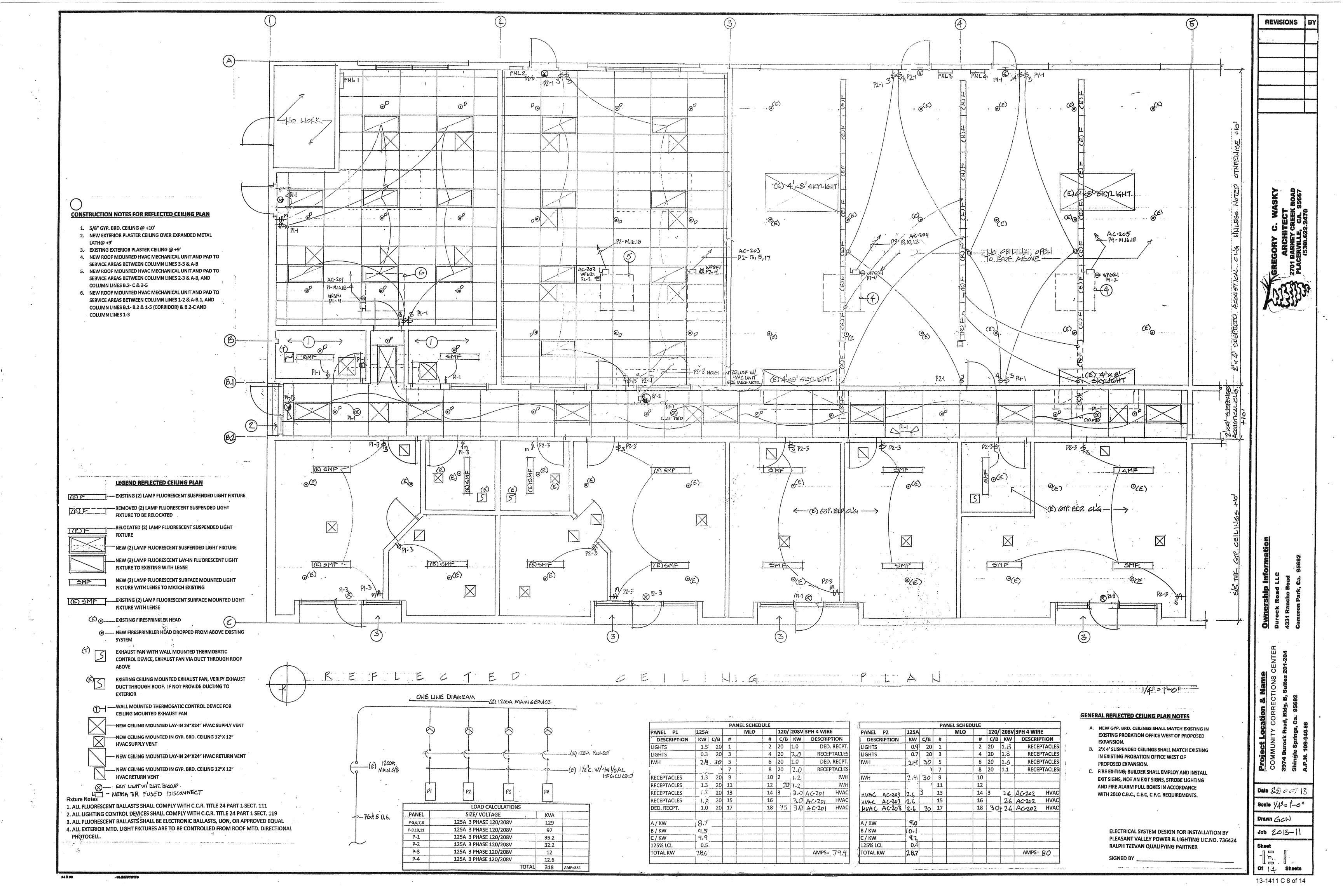
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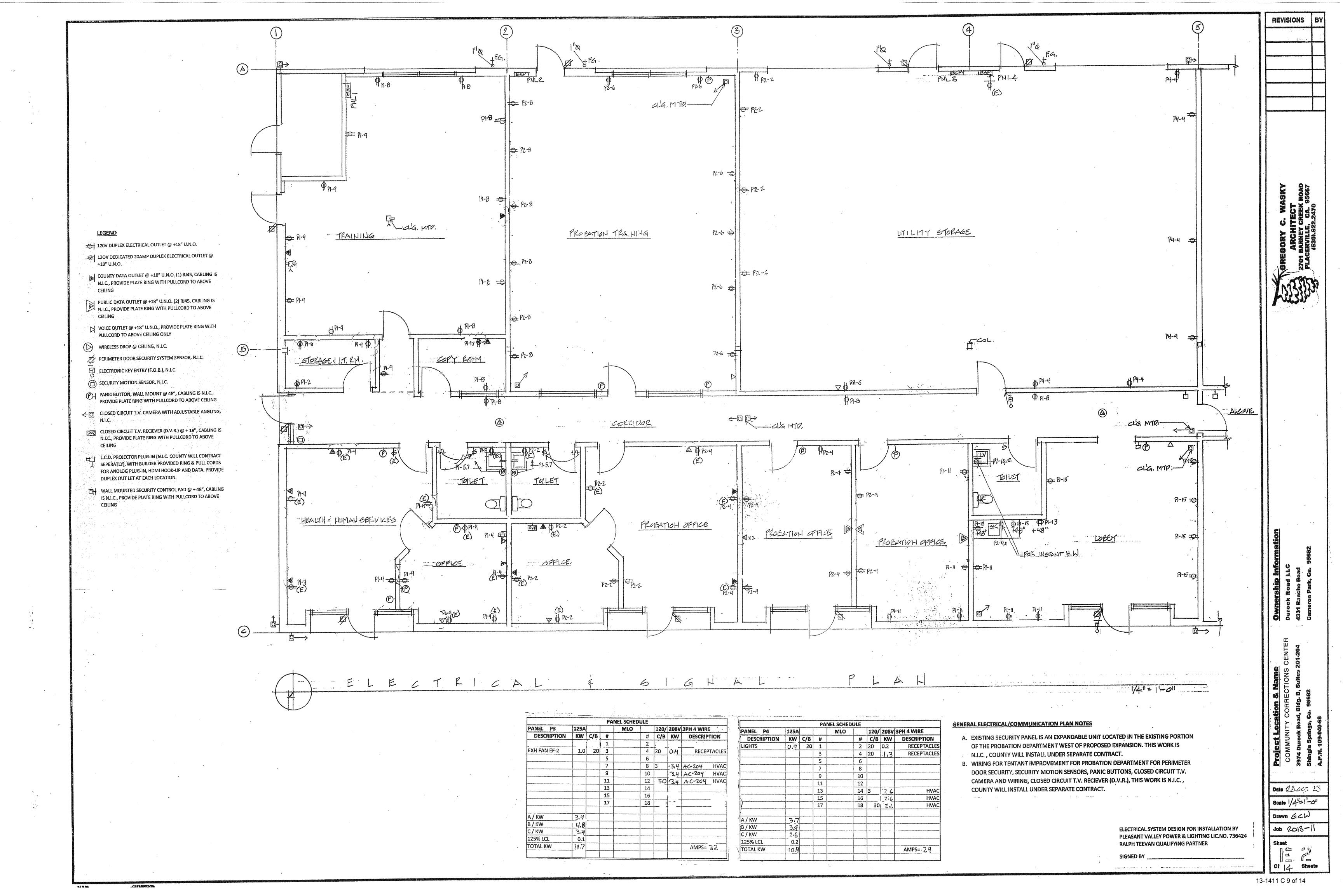
ARFRETTO











ABBREVIATIONS SYMBOL LEGEND ABOVE MATCHING LINE AIR CONDITIONING UNIT SECTION NUMBER ACCESS DOOR SECTION DESIGNATION - Drawing Number AFF ABOVE FINISHED FLOOR APPROX. APPROXIMATE DETAIL NUMBER DRAWING NUMBER DETAIL DESIGNATION ARCH ARCHITECTURAL BDD BACK DRAFT DAMPER EQUIPMENT TYPE EQUIPMENT NUMBER BRAKE HORSEPOWER DESIGNATION BOTTOM OF DUCT WGS-1, 12x12-SIZE BOTTOM OF PIPE BRITISH THERMAL UNIT BTUH BTU PER HOUR PROJECT NORTH ARROW CEILING DIFFUSER CEILING EXHAUST O ELBOW TURNED UP CUBIC FEET PER HOUR CFM CUBIC FEET PER MINUTE BOTTOM PIPE CONNECTION CEILING GRILLE TOP PIPE CONNECTION CENTERLINE S----S GATE VALVE CLEAN OUT (DOOR) GLOBE VALVE CEILING REGISTER CHECK VALVE DEG. F DEGREES FAHRENHEIT RELIEF VALVE DIAMETER HOT WATER SUPPLY DOWN S-HWR-S HOT WATER RETURN DRAWING ← CH ← ← CHILLED WATER SUPPLY **EXISTING** CHR CHILLED WATER RETURN EXHAUST AIR SHW SECONDARY HOT WATER SUPPLY EXHAUST AIR DUCT —SHWR——S SECONDARY HOT WATER RETURN ENTERING AIR TEMP. S-SCH-S SECONDARY CHILLED WATER SUPPLY ENTERING DRY BULB HOSE BIBB EXHAUST FAN DUCT SIZE (CLEAR INSIDE DIMENSION) EFFICIENCY FIRST FIGURE INDICATES PLAN SIZE ENTERING WET BULB 18x12 --EXH EXHAUST DEGREES FAHRENHEIT ROUND DUCT DIAMETER SIZE FILTER 18ф } FLEXIBLE CONNECTION NEW WORK FULL LOAD AMPS EXISTING WORK TO REMAIN FLOOR FEET EXISTING WORK TO BE REMOVED HORSE POWER FLEXIBLE DUCT INCHES KILOWATT VOLUME DAMPER IN DUCT LEAVING AIR TEMP. POUNDS LOUVER RECTANGULAR SUPPLY DUCT UP MAX MAXIMUM THOUSAND BTU/HOUR MFG MANUFACTURER RECTANGULAR MINIMUM SUPPLY DUCT DOWN NEW NOT APPLICABLE NOT IN CONTRACT RECTANGULAR NTS NOT TO SCALE RETURN DUCT UP OUTSIDE AIR OPPOSED BLADE DAMPER OUTSIDE DIMENSION RECTANGULAR PHASE (ELECTRICAL) RETURN DUCT DOWN POUNDS/SQUARE INCH RETURN AIR RETURN AIR DUCT RECTANGULAR RELATIVE HUMIDITY EXHAUST DUCT UP RPM REVOLUTIONS/MINUTE SANITARY SEWER SUPPLY AIR SUPPLY AIR DUCT RECTANGULAR EXHAUST DUCT DOWN SUPPLY FAN STATIC PRESSURE SPEC SPECIFICATION SQUARE ROUND DUCT, UP STAINLESS STEEL STD STANDARD STM ROUND DUCT, DOWN SYM SYMBOL SYS SYSTEM TEMP TEMPERATURE DUCT ACCESS DOOR TOTAL TYPICAL BRANCH TAKEOFF WITH VOLUME DAMPER UNLESS OTHERWISE NOTED RADIUS ELBOW VOLT VENT THRU ROOF CEILING SUPPLY DIFFUSER VACUUM PUMP EXH. CEILING RETURN REGISTER OR GRILLE WATTS WET BULB CEILING EXHAUST REGISTER OR GRILLE WITHOUT DIFFUSER, REGISTER OR GRILLE THROW INDICATOR (SUPPLY, RETURN OR EXHAUST) 1, 1 WEIGHT **⊱----**| → SUPPLY REGISTER WITH AIR OUTLET THROW INDICATOR *** ---| *-RETURN OR EXHAUST REGISTER OR GRILLE WITH AIR INLET INDICATOR THERMOSTAT WITH ZONE OR EQUIPMENT DESIGNATION DUCT SMOKE DETECTOR SUPPLIED BY ELECTRICAL TRADE, INSTALLED BY MECHANICAL TRADE.

GENERAL NOTES

THE ENTIRE MECHANICAL SYSTEMS, INSTALLATION AND TESTING MUST BE IN COMPLIANCE TO THE LIFE SAFETY REQUIREMENTS OF CALIFORNIA BUILDING CODE 2007 EDITION. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE

SPECIFICATIONS. IN THE EVENT OF A DISCREPANCY BETWEEN CONTRACT DRAWINGS AND SPECIFICATIONS, THE MOST STRINGENT SHALL GOVERN. ALL WORK TO BE IN ACCORDANCE WITH REQUIREMENTS OF GOVERNING STATE AND LOCAL FIRE AND BUILDING CODES, & NFPA CODE 101/99. INSTALL ALL PIPING AND DUCTWORK TO AVOID ARCHITECTURAL FRAMING, STRUCTURAL MEMBERS, AND OTHER OBSTRUCTIONS.
COORDINATE PIPING AND DUCTWORK LOCATION WITH ALL APPLICABLE CONTRACT DRAWINGS PRIOR TO PLACING SLEEVES IN FLOORS OR

INSTALL ALL PIPING AND DUCTWORK TO BEST SUIT FIELD CONDITIONS AND COORDINATE WITH THE INSTALLATION WORK OF OTHER TRADES. THE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED TO DETERMINE EXACT LOCATIONS OF PIPING OR DUCTWORK. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT DIFFUSER LOCATIONS AND FINISHED CEILING. COORDINATE DUCTWORK, PIPING WITH STRUCTURAL DRAWINGS, LIGHTING AND SPRINKLER SYSTEM. PROVIDE TRANSITIONS AS REQUIRED. COORDINATE LOCATIONS OF ACCESS DOORS WITH F.D.'S, V.D.'S, SD, ETC. THE OPENING SHALL BE LARGE ENOUGH TO PERMIT MAINTENANCE AND RESETTING OF THE DEVICE. CONTRACTOR TO COORDINATE WITH ARCHITECTS CEILING ACCESS PANELS FOR ALL FIRE, SMOKE AND VOLUME DAMPERS IN INACCESSIBLE CEILING AS REQUIRED.

ALL DUCT DIMENSIONS ARE AIRSTREAM DIMENSIONS. ALL BRANCH DUCTS TO AIR OUTLET SHALL BE EQUIPPED WITH DUCT CEILING DIFFUSER SIZES SHOWN ON FLOOR PLANS ARE NECK SIZES.

SEPARATE ALL CEILING HANGING AND BRACING WIRES AT LEAST 6" FROM ALL UNBRACED DUCTS, PIPES, CONDUITS, ETC. AT THE CONTRACTOR'S OPTION HE MAY BRACE UNBRACED DUCTS, PIPES, CONDUITS, ETC. IN A MANNER CONFORMING TO REQUIREMENTS ESTABLISHED BY THE MECHANICAL AND ELECTRICAL CONTRACT DOCUMENTS, OR THE CONTRACTOR MAY INSTALL TRAPEZE SUPPORTS TO RECEIVE THE CEILING HANGING AND BRACING WIRES. THE GENERAL CONTRACTOR SHALL COORDINATE THE WORK AND RESPONSIBILITY FOR ACCOMMODATING

PROVIDE BALANCING DAMPERS AT EACH SUPPLY - EXHAUST BRANCH TAKE-OFF. DUCTS STORED ON THE CONSTRUCTION SITE SHALL BE PROTECTED AND ISOLATED FROM DUST CONTAMINATION.

AT CONTRACTOR DISCRETION HE MAY SUBSTITUTE RECTANGULAR DUCTWORK B" AND LESS TO ROUND DUCTWORK.

UNLESS SPECIFICALLY SPECIFIED OR SHOWN OTHERWISE ALL CONSTRUCTION IS TO CONFORM TO SMACNA HVAC CONSTRUCTION STANDARDS AS A MINIMUM REQUIREMENT.

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LOCAL FIRE CODES AND BUILDING CODES. VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS. NOTIFY DESIGNER OF ANY DISCREPANCIES FOUND. VERIFY DIMENSIONS OF ALL OWNER-FURNISHED OPERATING EQUIPMENT TO ENSURE PROPER COORDINATION

ALL WORK TO BE IN ACCORDANCE WITH REQUIREMENTS OF GOVERNING

SCHEDULE ALL WORK ACCESS AND STORAGE WITH THE FACILITY ADMINISTRATOR.

WITH CONSTRUCTION.

OF AMERICA.

- CONTRACTOR SHALL PROVIDE DUST COVERS AS REQUIRED TO CONTAIN DUST AND DEBRIS WITHIN CONSTRUCTION AREA AND KEEP DIRT AND DUST TO A MINIMUM.
- ALL REMOVED ITEMS DEEMED TO HAVE VALUE BY THE OWNER SHALL BE DELIVERED TO A PLACE OF STORAGE AT THE SITE AS DIRECTED. ALL OTHER ITEMS MUST BE DISPOSED OF OFF SITE IN A LEGAL MANNER.

WHERE EXISTING CONSTRUCTION IS CUT, DAMAGED, OR REMODELED,

PATCH WITH MATERIALS TO MATCH IN KIND, QUALITY AND PERFORMANCE. CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR SAFETY OF ALL PERSONS ON OR ABOUT THE CONSTRUCTION SITE IN ACCORDANCE WITH APPLICABLE LAWS AND CODES. GUARD ALL HAZARDS IN ACCORDANCE WITH THE SAFETY PROVISIONS OF THE LATEST MANUAL OF ACCIDENT

PREVENTION PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS

8. CLEAN ALL EXPOSED SURFACES AND NEW EQUIPMENT AFTER COMPLETION.

			A A A A A A A A A A A A A A A A A A A	Al	R CON	VDITIO	NING :	SCHED	ULE						
DESIGN	ATION	Location/ Service	MANUFACTURER MODEL	СЕМ	MIN OSA CFM	E.S.P. WG	TOTAL COOL CAPACITY (MBH)	SENSIBLE COOL. CAPACITY (MBH)	HEATING CAPACITY (INPUT MBH)	HEATING CAPACITY (OUTPUT MBH)	COMPRESS RLA (EACH)	OUTDOOR FAN (AMP)	indoor Fan (amp)	VOLT/ PH	REMARKS
AC-20)1	ROOF/TENANT SPACE	CARRIER 48PGL-05	1600	250	0.5	48.9	39.2	41.3	41.3	14.6	1.0	5.2	208/3	
AC-20	2	ROOF/TENANT SPACE	CARRIER 48PGL-04	1200	135	0,5	36.0	29.5	41.3	41.3	11.5	1.0	4.9	208/3	The state of the s
AC-20)3	ROOF/TENANT SPACE	CARRIER 48PGL-04	1200	315	0,5	36.0	29.5	41.3	41.3	11.5	1.0	4.9	208/3	
AC-20)4	ROOF/TENANT SPACE	CARRIER 48PGL-06	1600	135	0.5	48.9	39.2	41.3	41.3	14.6	1.0	5.2	208/3	
AC-20)5	ROOF/TENANT SPACE	CARRIER 48PGL-04	1200	255	0.5	36.0	29.5	41.3	41.3	11.5	1.0	4.9	208/3	
NOTE	2	<u>grass-cansostul posto (a del monto de de monto de de monto de monto de monto de monto de monto de causarq</u>	Bauernacolessaceus de alemánició (in la rista de 1944 de literatura de 1944 de 1944 de 1944 de 1944 de 1944 de		annium parameter mand										

			Ī	EXHAUS	T FAN	SCHED	JLE			
DESIGNATION	LOCATION/ SERVICE	MANUFACTURER MODEL	СРИ	s.p. *WG	RPM	внР	WHEEL NO/SIZE	MOTOR (AMP)	MAXIMUM OPERATING WEIGHT	REMARKS
[F~1	CLC/IT STORAGE	GREENHECK SP-A90	75	0.2	950	Augus	. 424	.58	12	INTERCONNECT WITH TIMECLOCK & AC-202
EF-2	IN LINE/RESTROOMS	GREENHECK CSP-A190	195	0.125	1400		W.E.	1,10	16	INTERCONNECT WITH TIMECLOCK & AC-2046

TAG	MANUFACTURER	MODEL NO.	TYPE OF SERVICE	NECK SIZE	OVERALL SIZE	MOUNT TYPE/ FACE TYPE	FINISH	REMARKS
CS-1	J & J DIFUSERS	# 1234	SUPPLY	N/A	24°x24°	EXTRUDED ALUM.	WHITE	PERFORATED LAY-IN
CR-1	」& J DIFUSERS	∦ 1234	RETURN	N/A	24"x24"	EXTRUDED ALUM.	WHITE	PERFORATED LAY-IN
CS-2	」& J DIFUSERS	#AL1444	SUPPLY	N/A	PER DUCT	EXTRUDED ALUM.	WHITE	MODULAR CORE GYP CLG
CR-2	J & J DIFUSERS	#ALEC	RETURN	N/A	PER DUCT	EXTRUDED ALUM.	WHITE	MODULAR CORE GYP CLG
CS-3	J & J DIFUSERS	∦ALSDV	SUPPLY	N/A	PER DUCT	EXTRUDED ALUM.	WHITE	EXPOSED DUCT
CS-3	J & J DIFUSERS	#ALEC	RETURN	N/A	PER DUCT	EXTRUDED ALUM.	WHITE	EXPOSED DUCT

General Notes

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S S

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Date Revision/Issue

Firm Name and Address

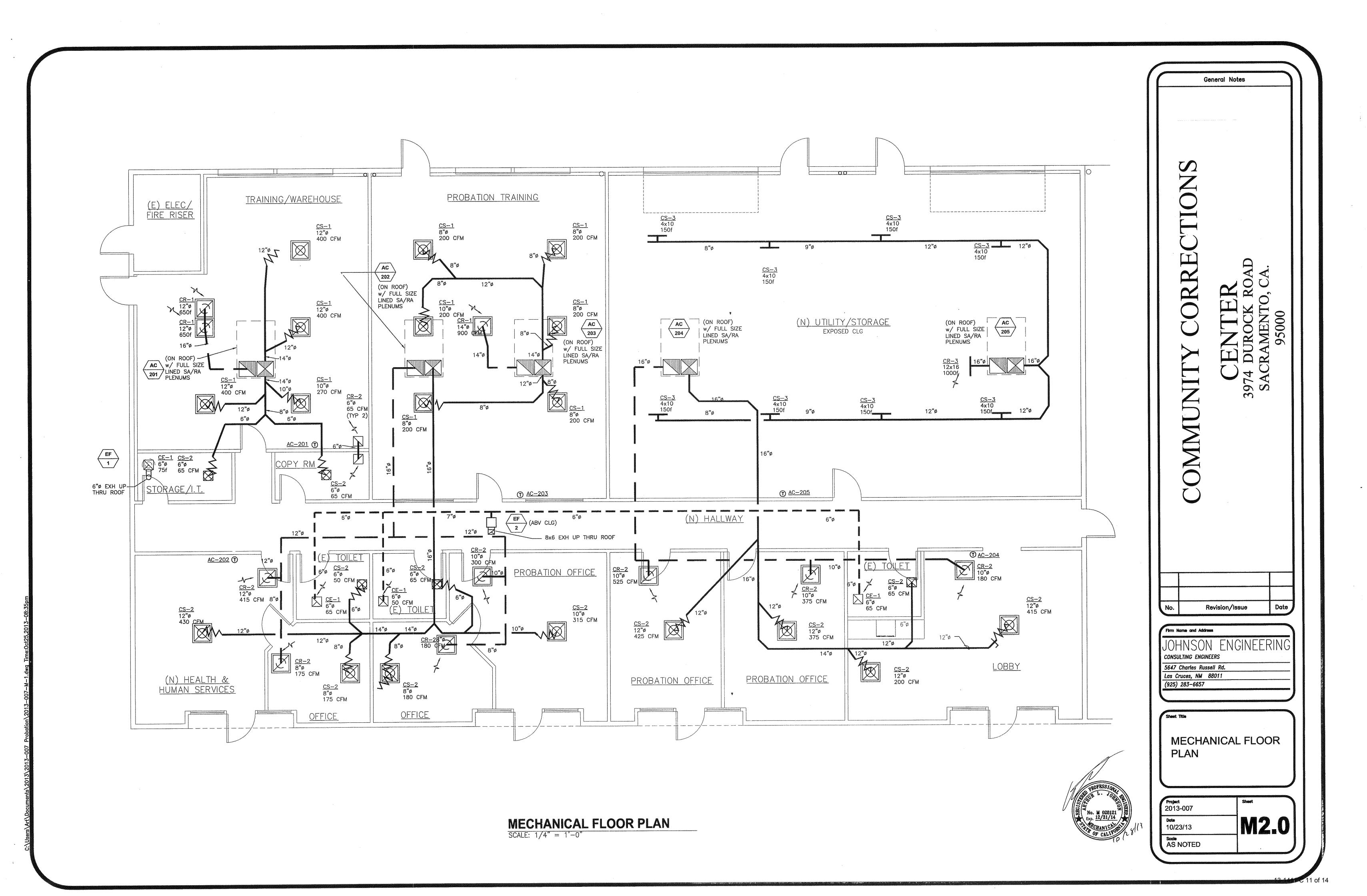
CONSULTING ENGINEERS

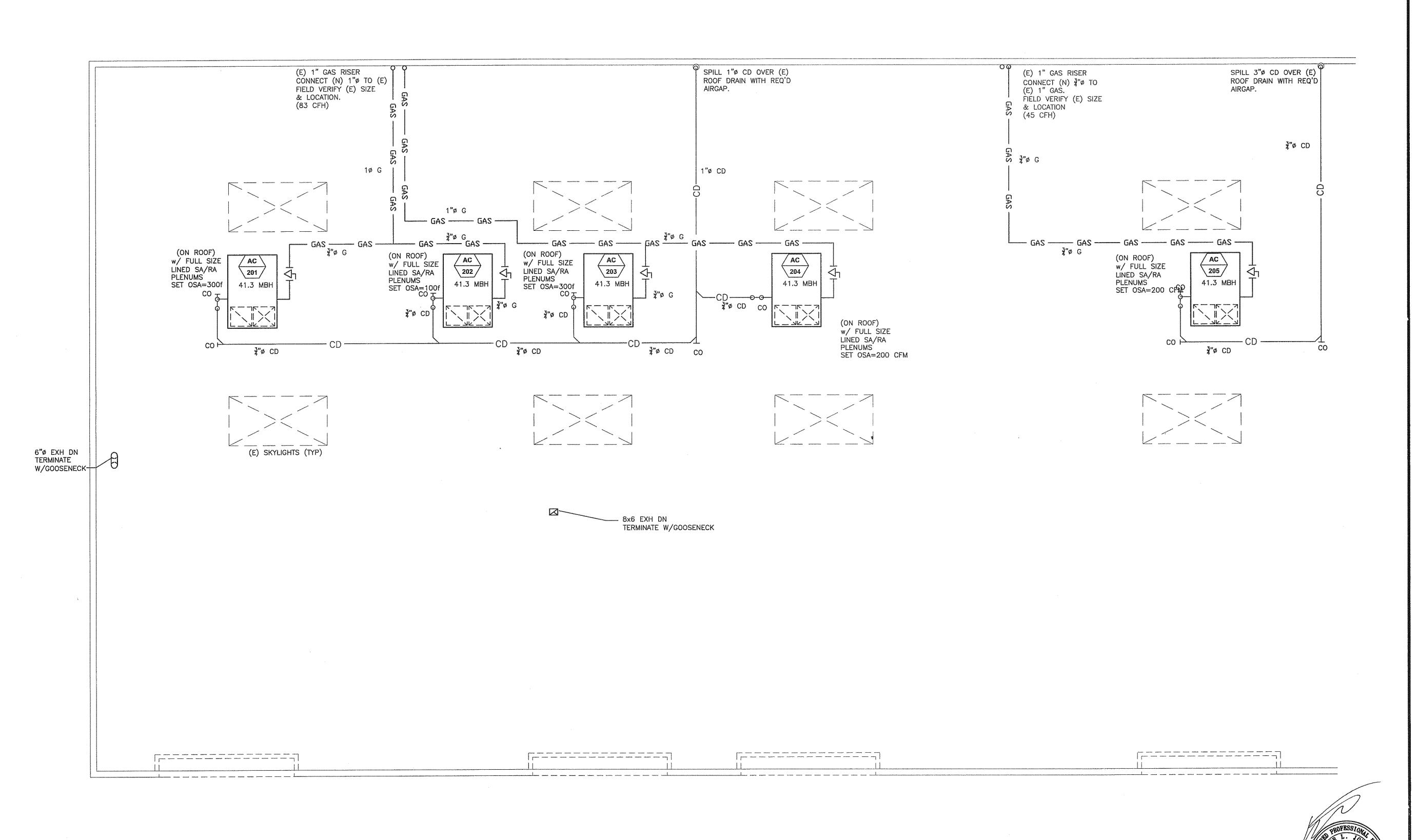
5647 Charles Russell Rd. Las Cruces, NM 88011 (925) 283-6657

Sheet Title

MECHANICAL SCHEDULES

2013-007 10/23/13 AS NOTED





General Note

COMMUNITY CORRECTIONS

No. Revision/Issue Date

Firm Name and Add

JOHNSON ENGINEERIN

CONSULTING ENGINEERS

5647 Charles Russell Rd.

Las Cruces, NM 88011

(925) 283-6657

MECHANICAL ROOF PLAN

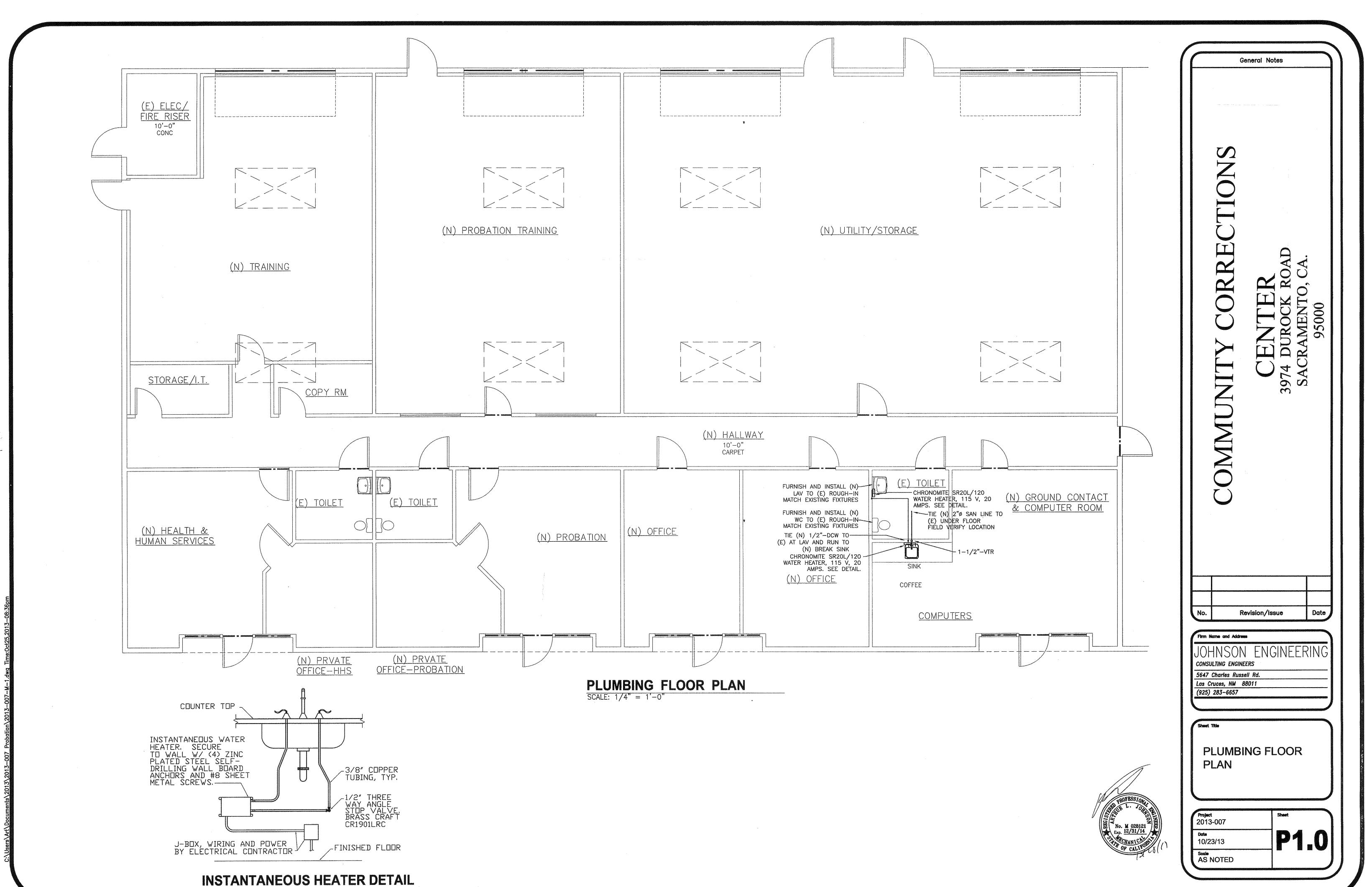
Project 2013-007

Date 10/23/13

Soale AS NOTED

MECHANICAL FLOOR PLAN

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



SCALE: NONE

12 of 1

3074 Direct Ref. Suites 201 flow 204 Sharple Sprt Text Te	Identify Spaces Project Address Spaces Project Address Spaces S	building can MECH-4A & MECH-4-HERS n/a
ADD FIELD INSPECTION ENERGY CHECKLIST	Provides of Copularismos Expansion 1905/2011 190	Project Name Proje
PERFORMANCE CERTIFICATE OF COMPLIANCE (Part 3 of 3) PERF-1C Project Name Probablion Department Expansion ZONE INFORMATION System Name Zone Name Occupancy Type (Self) (Wish) (Wish) (Wish) AC-201 Hon GasPack 14se 201 Training Winehouse Zel Clasaroon, Lecture, Training AC-203 Sind GasPack 14se 202 Office Zone Office > 250 sqt	Probation Department Expansion	Probablion Department Expansion Required Acceptance Tests Designer: No statem is to be designer and established to the plans. Used below are all the acceptance tests for mechanical systems. The designer is required forces, the application of the state of the plans to the state of the plans completed of its state of the plans to the state of the plans completed of its state of the plans to the state of the plans to
PERFORMANCE CERTIFICATE OF COMPLIANCE	AND FIELD INSPECTION ENERGY CHECKLIST Proceivance Probation Department Expansion Required Acceptance Tests Designer: This form is to be used by the designer and attached to the plans. Listed below is the acceptance test for Envelope Fenestrations system. The designer is required to check the acceptance tests and list all the finestration products that require an acceptance test. If all the sile-built lenestration of a certain type requires a test, list the different fenestration products and the number of systems. The NAT Section in the Appendix of the Monoraidential Reference Appendices Manual describes the test. Since this form will be part of the plans, completion of this section will allow the responsible party to budget for the scope of work appropriately. Enforcement Agency: Systems Acceptance. Before Occupancy Permit is granted for a newly constructed building or space or whenever now tenestration is installed in the building or space shall be certified as meeting the Acceptance Requirements. The ENV-2A form is not considered a complete form and is not to be accepted by the enforcement agency unless the boxes are checked and/or lifed and signed. In addition, a Certificate of Acceptance forms shall be submitted to the enforcement agency that certifies plans, specifications, installation conflicates, and operating and maintenance information meet the requirements of §10-105(to) of Thio 24 Part 6. The field instance forms shall be submitted to the enforcement agency that certifies plans, specifications, installation conflicates, and operating and maintenance information meet the requirements of §10-105(to) of Thio 24 Part 6. The field instance forms shall be submitted to the enforcement agency which the provided to the owner of the building for their records. Test Description Fenestration Products Name or 1D Products This Shight Products Produ	CERTIFICATE OF COMPLIANCE and FIJELD INSPECTION ENERGY CHECKLIST
PERFORMANCE CERTIFICATE OF COMPLIANCE (Part 1 of 3) PERF-16 Propet Name Probation Department Expansion Progression Progression Signatures 3974 Durock Rd. Suitos 201 thru 204 Shinglo Spin CA Climate Zone 12 Special NiPORMATION Building Type:	CERTIFICATE OF COMPLIANCE AND FIELD INSPECTION ENERGY CHECKLIST Proposition Department Expansion ROOFING PRODUCT (COOL ROOFS) Heterring Tibliog applicat is not CRRC certified, this compliance approach cannot be used). Go to Overall Envelope Approach or Performance Approach Performance Approach GROFFING PRODUCT (COOL ROOFS) Heterring Tibliog applicat is not CRRC certified, this compliance approach cannot be used). Go to Overall Envelope Approach or Performance Approach or Performance Approach (Cool Roof) Roofing compliance gat required in Climato Zone 1 with a Siter-Sloped with less than 5 lbri? Greater than 2:12 pitch. Roofing compliance gat required in Climato Zone 1 with a Siter-Sloped with less than 5 lbri? Greater than 2:12 pitch. Roofing compliance gat required in Climato Zone 1 with a Siter-Sloped with less than 5 lbri? Greater than 2:12 pitch. Roofing compliance gat required in Climato Zone 2 will as Siter-Sloped with less than 5 lbri? Greater than 2:12 pitch. Roofing compliance gat required in Climato Zone 2 will as Siter-Sloped with less than 5 lbri? Greater than 2:12 pitch. Roofing compliance gat required in Climato Zone 2 will as Siter-Sloped with less than 5 lbri? Greater than 2:12 pitch. Roofing compliance gat required in Climato Zone 2 will as 2 will see a state than 5 lbri? Greater than 2:12 pitch. Roofing compliance gat required in Climato Zone 2 will as 2 will see a state of the state 2 will be a will be compliance or 1 in a large 2 will be a will be compliance and 2 will be a will be a will be a state 2 will be a	CERTIFICATE OF COMPLIANCE and FIELD INSPECTION ENERGY CHECKLIST Project Name

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