

CU ANSCHUTZ MEDICAL CAMPUS DENTAL SCHOOL LOUNGE RENOVATION

13065 East 17th Avenue, Aurora, CO 80045

ISSUE FOR CONSTRUCTION

SHEET LIST

GENERAL
G-000 COVER SHEET
G-010 GENERAL NOTES & SYMBOLS
G-020 ABBREVIATIONS & SYMBOLS
G-101 CODE PLAN
G-111 LOCATION PLAN

ARCHITECTURAL DEMO
AD-101 DEMOLITION PLAN
AD-111 DEMOLITION RCP
AD-201 DEMOLITION ELEVATIONS

ARCHITECTURAL
A-101 FLOOR PLAN
A-111 REFLECTED CEILING PLAN
A-120 FINISH PLAN
A-130 FURNITURE PLAN
A-310 WALL SECTIONS
A-401 ENLARGED PLANS
A-402 INTERIOR ELEVATIONS
A-501 DETAILS
A-610 ACCESSIBILITY DETAILS & STANDARDS
A-611 ACCESSIBILITY DETAILS & STANDARDS

ELECTRICAL
E-001 ELECTRICAL COVER SHEET
E-101 ELECTRICAL POWER PLAN
E-111 LIGHTING PLAN
E-501 ELECTRICAL SCHEDULES
E-601 ELECTRICAL SPECIFICATIONS
E-600 ELECTRICAL ENERGY CALCULATION
ED-101 DEMOLITION POWER PLAN
ED-111 DEMOLITION LIGHTING PLAN

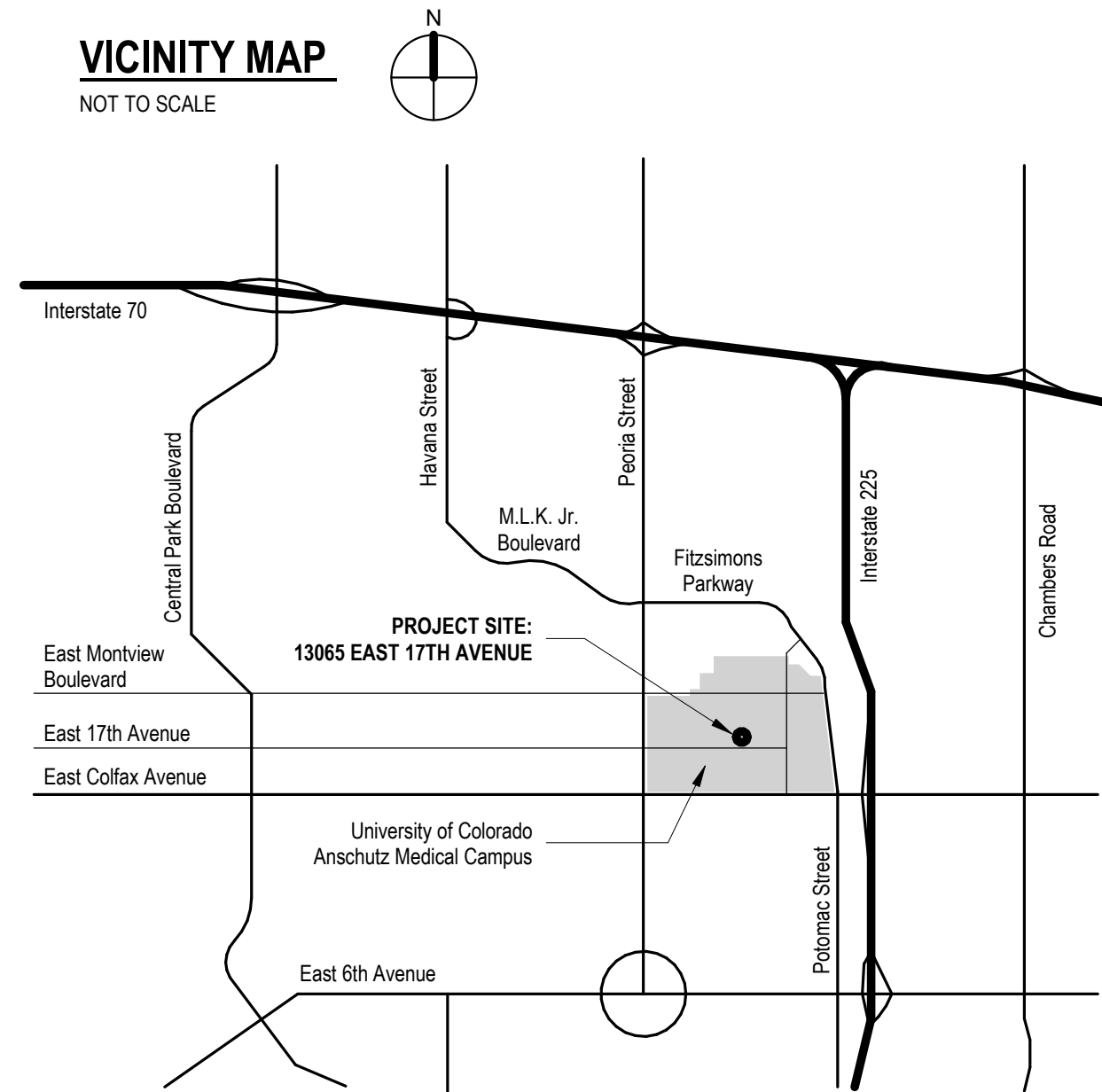
PROJECT DIRECTORY

ARCHITECT:
G SQUARED DESIGN
10920 W ALAMEDA AVE, SUITE 100
LAKEWOOD, CO 80226
(720) 502-4156
CONTACT: JESTIN GIECK
EMAIL: JG@G-2-DESIGN.COM

CLIENT:
UNIVERSITY OF COLORADO
ANSCHUTZ MEDICAL CAMPUS
CAMPUS SERVICES
1945 N. WHEELING STREET
AURORA, CO 80045
CONTACT: STEPHANIE MENKE
EMAIL: STEPHANIE.MENKE@CUANSCHUTZ.EDU
PHONE: (303) 485-1594
CONTACT: TODD HINSHAW
EMAIL: TODD.HINSHAW@CUANSCHUTZ.EDU
PHONE: (720) 656-8278

ELECTRICAL ENGINEER:
INNOVATIVE ELECTRICAL SYSTEMS, INC.
8053 W. LUFF LANE
LAKEWOOD, CO 80227
(303) 807-7181
CONTACT: KEVIN L. YINGLING, PE
EMAIL: KLY@IESYSTEMS-INC.COM

FURNITURE VENDOR:
INTERIOR ENVIRONMENTS
1331 19TH STREET
DENVER, CO 80202
(720) 248-0620
CONTACT: ELIZABETH BURNETT
EMAIL: EBURNETT@IEOFFICES.COM



CU ANSCHUTZ MEDICAL CAMPUS
DENTAL SCHOOL LOUNGE RENOVATION
13065 East 17th Avenue, Aurora, CO 80045

History	Date
△ ISSUE FOR CONSTRUCTION	11.03.2023

DATE: 11.03.2023
PROJECT #: 2022.101

DRAWN BY: DM, NS
DESIGNED BY: AG
CHECKED BY: JG

COVER SHEET

G-000

GENERAL NOTES

SPECIFICATIONS

THESE DOCUMENTS WERE PRODUCED USING THE CONSTRUCTION SPECIFICATION INSTITUTE'S UNIFORM DRAWING SYSTEM AND THE NATIONAL CAD STANDARDS AS GUIDES.

ELECTRICAL

- THE ELECTRICAL SUBCONTRACTOR SHALL COORDINATE LIGHT FIXTURE TYPES AND LOCATIONS WITH THE REFLECTED CEILING PLANS DRAWING AND THE ELECTRICAL DRAWINGS. THE SUBCONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR AND THE ARCHITECT OF ANY DISCREPANCIES BEFORE BID SUBMISSION AND INSTALLATION.
- ELECTRICAL SUBCONTRACTORS SHALL COORDINATE THE LOCATION OF ALL DEVICES WITH THE DRAWINGS. THE ELECTRICAL SUBCONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE INSTALLING SMOKE DETECTORS, AND SPEAKERS SHALL BE INSTALLED AND LOCATED FOLLOWING THE REFLECTED CEILING PLANS AND AT THE CENTER OF CEILING TILES.
- THE ELECTRICAL SUBCONTRACTOR SHALL REVIEW THE ELECTRICAL DRAWINGS AND RCP IN TERMS OF ONE ANOTHER AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE INSTALLATION

MEANS OF EGRESS

- THE CONTRACTOR SHALL KEEP ALL EXITS READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.
- ALL EXIT DOORS, INCLUDING EACH LEAF OF PAIR OF DOORS, SHALL ALWAYS BE OPERABLE FROM THE INSIDE BY THE SIMPLE TURN OF A LEVER OR PUSHING AN EXIT DEVICE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT AND IN COMPLIANCE WITH REGULATIONS FOR THE ACCESSIBLE (BARRIER-FREE) LANS). MAXIMUM EFFORT TO OPERATE THE DOORS SHALL NOT EXCEED 5 POUNDS, SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS WHEN FIRE-RATED DOORS ARE INDICATED.
- PROVIDE A STRIP AT LEAST 2" WIDE OF CLEARLY CONTRASTING COLOR PLACED PARALLEL TO AND NOT MORE THAN 1" BACK FROM THE NOSE OF THE TOP AND BOTTOM TREAD OF ALL INTERIOR STAIR RUNS AND ON EACH TREAD OF ALL EXTERIOR STAIR RUNS.
- PROVIDE BARRICADES AND PROTECTIVE DEVICES SEPARATING CONSTRUCTION AREAS. PROVIDE TEMPORARY PASSAGES AS REQUIRED BEFORE DELIVERING MATERIALS TO THE CONSTRUCTION ZONE AND REMOVAL OF WASTE FROM THE SITE. CHECK WITH THE OWNER/ARCHITECT/RESIDENT INSPECTOR FOR ACCEPTABLE ACCESS ROUTE AND TIME. UNDER NO CIRCUMSTANCES SHALL THE AREA OUTSIDE THE CONSTRUCTION ZONE BE USED WITHOUT PRIOR CLEARANCE FROM THE OWNER/ARCHITECT/RESIDENT INSPECTOR.
- ALL RATED DOORS SHALL BE POSITIVE LATCHING.
- PER APPLICABLE BUILDING CODES, EXISTING BUILDINGS UNDERGOING CONSTRUCTION SHALL REMAIN UNDER THE FOLLOWING REQUIREMENTS AT ALL TIMES:
 - A. WATER MANS AND HYDRANTS SHALL BE OPERATIONAL.
 - B. FIRE EXTINGUISHERS SHALL REMAIN ACCESSIBLE AND OPERATIONAL. THE NUMBER AND TYPE OF EXTINGUISHERS SHALL BE AS REQUIRED BY THE LOCAL FIRE DEPARTMENT, AND THE TYPE OF EXTINGUISHER SHALL BE SUITABLE FOR THE TYPE OF FIRE ASSOCIATED WITH THE HAZARDS PRESENT.
 - C. EXISTING COMPONENTS SHALL BE MAINTAINED. PROVIDE TEMPORARY 1-HOUR RATED PROTECTION DURING CONSTRUCTION WHERE REQUIRED.
 - D. COMBUSTIBLE DEBRIS, RUBBISH, AND WASTE MATERIAL SHALL BE REMOVED FROM THE CONSTRUCTION SITE DAILY. WASTE MATERIAL AND TRASH SHALL NOT BE BURNED ON-SITE UNLESS APPROVED. DO NOT STORE BUILDING MATERIALS IN CORRIDORS AT ANY TIME. COMPLY WITH REQUIREMENTS AS SPECIFIED IN THE PROJECT MANUAL.
 - E. FIRE RESISTIVE ASSEMBLIES AND CONSTRUCTION SHALL BE MAINTAINED DURING THE COURSE OF CONSTRUCTION.
 - F. FIRE ASSEMBLIES (DOORS, DAMPERS, ETC) SHALL BE PER MANUFACTURER'S STANDARDS. ANY FAILURE SHALL BE REPLACED.
- ALL FIRE-RATED DOOR ASSEMBLIES SHALL BE PROVIDED WITH APPROVED GASKETING MATERIALS INSTALLED TO PROVIDE A SEAL WHERE THE DOOR MEETS THE STOP ON BOTH SIDES AND ACROSS THE TOP.
- MANUFACTURERS' INSTALLATION INSTRUCTIONS SHALL BE AVAILABLE ON THE JOB SITE FOR ALL RATED OPENING ASSEMBLIES.

DEFINITIONS

- THE CONTRACTOR IS THE PERSON OR ENTITY IDENTIFIED AS SUCH IN THE OWNER/CONTRACTOR AGREEMENT, AND THIS MEANS THE GENERAL CONTRACTOR OR AT-RISK CONSTRUCTION MANAGER, HIS AUTHORIZED REPRESENTATIVE, AND HIS COLLECTIVE SUB-CONTRACTORS.
- THE TERM "ALIGN" REFERS TO LOCATING DIFFERENT COMPONENTS OF CONSTRUCTION TO PROVIDE A FLUSH, STRAIGHT, TRUE, AND PLUMB RELATION TO ADJACENT MATERIALS.
- THE TERM "AS REQUIRED" REFERS TO COMPONENTS THAT MAY BE REQUIRED TO COMPLETE THE NOTED SYSTEM AS INDICATED IN THE PROJECT DOCUMENTS.
- THE TERM "HOLD" SHALL BE APPLIED TO DIMENSIONS CONSIDERED AS ABSOLUTE AND USED FOR LAYOUT AND CONTROL UNLESS OTHERWISE DIRECTED BY THE ARCHITECT.
- WHERE WORK OR EQUIPMENT IS INDICATED AS "N/C," NOT IN CONTRACT, SUCH WORK AND EQUIPMENT SHALL BE PROVIDED BY OTHERS. THE CONTRACTOR SHALL COORDINATE AND COOPERATE TO ACCOMMODATE SUCH INSTALLATION.
- THE TERM "SIMILAR" REFERS TO COMPARABLE CHARACTERISTICS FOR THE ELEVATION, DETAIL NOTED, OR SPECIFIC CONDITIONS SUCH THAT A COMPLETE SYSTEM AND COMPONENT SHALL BE PROVIDED.
- THE TERM "TYPICAL" REFERS TO COMPARABLE CONDITIONS TO WHICH THE DETAIL, ELEVATION, NOTE, OR REQUIREMENT SHALL APPLY. WHETHER GRAPHICALLY REPRESENTED OR NOT, WHEN A DETAIL OR NOTE IS IDENTIFIED AS MIRRORED OR SHOWN IN THE OPPOSITE HAND, AND WHETHER OR NOT THE REFERENCE IS REPEATED IN OTHER INSTANCES.
- THE TERM "VERIFY" REFERS TO A CONDITION THAT MUST BE CONFIRMED BEFORE PROCEEDING WITH THE ORDERING MATERIAL OR THE FABRICATION AND INSTALLATION OF A COMPONENT.
- ABBREVIATIONS THROUGHOUT THE DOCUMENTS COMPLY WITH THE COMMON ABBREVIATION LIST OR ARE THOSE IN COMMON USE. THE ARCHITECT WILL DEFINE THE INTENT OF ANY IN QUESTION.
- WHERE THE TERM "OR EQUAL" IS USED, THE ARCHITECT ALONE SHALL DETERMINE EQUALITY BASED UPON INFORMATION SUBMITTED BY THE CONTRACTOR. SUBSTITUTION REQUESTS WILL ONLY BE CONSIDERED DURING THE TIME FRAME ALLOWED BY SPECIFICATIONS DIVISION 1.

EQUIPMENT

- DRAWINGS ARE PREPARED USING DIMENSIONS AND PRODUCT CONFIGURATIONS OR DETAILS OF SPECIFIC MANUFACTURERS, TYPICALLY THE FIRST MANUFACTURER LISTED UNDER "ACCEPTABLE MANUFACTURERS" IN THE SPECIFICATIONS. THE SIZES, LOCATIONS FOR RECESSED OR SEMI-RECESSED PRODUCTS. ADDITIONALLY, THE CONTRACTOR IS RESPONSIBLE FOR ACCOMMODATING AND COORDINATING CHANGES TO OTHER MATERIALS, PRODUCTS OR ASSEMBLIES THAT ARE NECESSARY BECAUSE OF THESE DIFFERENCES.
- DIMENSIONS AND DETAILS FOR SPECIFIC PRODUCTS MAY CHANGE BEFORE THEY ARE INCORPORATED INTO THE WORK. ALSO, THE SIZES, LOCATIONS FOR MOUNTING AND ATTACHMENTS, AND LOCATIONS OF UTILITY CONNECTIONS CAN VARY FROM ONE MANUFACTURER TO ANOTHER AND ARE DEPENDENT ON THE EXACT MANUFACTURER'S MODEL FURNISHED. SO, THE CONTRACTOR SHALL VERIFY INSTALLATION REQUIREMENTS FOR ALL PRODUCTS TO BE INCORPORATED IN THE WORK, INCLUDING PARTITION THICKNESSES FOR MOUNTING AND ATTACHMENTS, AND LOCATIONS OF UTILITY CONNECTIONS FOR EACH ITEM OF EQUIPMENT SHOWN ON THE DRAWINGS ARE FOR ILLUSTRATION PURPOSES ONLY.
- THE SIZES, LOCATION FOR MOUNTINGS AND ATTACHMENTS, AND LOCATIONS OF UTILITY CONNECTIONS FOR EACH ITEM OF EQUIPMENT SHOWN IN THE DRAWINGS ARE FOR ILLUSTRATION ONLY. ALL CAN VARY FROM ONE MANUFACTURER TO ANOTHER AND ARE DEPENDENT ON THE EXACT MANUFACTURER'S MODEL FURNISHED. THE CONTRACTOR SHALL PROVIDE AND COORDINATE EXACT DIMENSIONS RELATING TO THE SIZE OF EACH PIECE OF EQUIPMENT, THE LOCATIONS OF ALL MOUNTINGS AND ATTACHMENTS, AND FOR ALL UTILITY CONNECTIONS FOR EACH ITEM OF EQUIPMENT. IF THE SELECTED PRODUCT RESULTS IN STRUCTURAL CHANGES, THE CONTRACTOR WILL BE RESPONSIBLE FOR ENGINEERING THE CHANGE AND ALL RELATED COSTS.

DESIGN INTENT

- THE DRAWINGS AND SPECIFICATIONS, INCLUDING DRAWINGS PREPARED BY SPECIFIC ENGINEERING DISCIPLINES (SUCH AS CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, ETC), ARE COMPLEMENTARY AND ARE INTENDED TO BE USED TOGETHER. ITEMS REFERENCED IN EITHER THE DRAWINGS OR SPECIFICATIONS SHALL BE AS IF SHOWN IN BOTH DRAWINGS AND SPECIFICATIONS. WHERE THE INTENT CAN NOT BE REASONABLY INFERRED FROM THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL SEEK CLARIFICATION OR INTERPRETATION FROM THE ARCHITECT.
- ALL DRAWINGS, NOTES, SYMBOLS, ETC. WITHIN THE CONSTRUCTION DOCUMENTS ARE INTENDED TO CONVEY THE DESIGN INTENT. THEY ARE NOT INTENDED TO BE EXHAUSTIVE IN SCOPE OR COMPREHENSIVE IN DETAIL, NOR ARE THEY MEANT TO BE ALL-INCLUSIVE OF THE MATERIALS/LABOR TO PRODUCE THE JOB AS INTENDED.
- NO DRAWING, NOTE, SYMBOL, ETC. SHALL SUPERSEDE ANOTHER.
- THE DRAWING SET INDEX INDICATES A COMPLETE LIST OF SHEETS CONTAINED IN THE DRAWING SET, INDEXED BY DISCIPLINE, SHEET NUMBER, AND SHEET TITLE. IN SEQUENTIAL ORDER. NOTE: ALL SEQUENTIAL SHEET NUMBERS MAY NOT BE USED IN THE DRAWING SET.
- DISCIPLINE IDENTIFICATION IS IN THE ORDER BOUND IN THE DRAWING SET. REFER TO THE DRAWING SET INDEX LISTED BELOW FOR DISCIPLINES CONTAINED IN THIS DRAWING SET
- THE DRAWINGS AND SPECIFICATIONS ARE SEPARATED INTO DISCIPLINES FOR THE CONVENIENCE OF THE ARCHITECT AND CONTRACTOR. SUCH SEPARATIONS IN NO WAY DEFINE OR LIMIT THE SCOPE OR INTENT OF ANY PART OF THE DRAWINGS AND SPECIFICATIONS AS A WHOLE. THE FACT THAT THE DRAWINGS ARE SEPARATED IN NO WAY SUGGESTS THAT THE WORK IS NOT TO BE CONSTRUCTED AS A COMPLETE, INTEGRATED, AND UNIFIED WHOLE.
- ALL CONTRACT DOCUMENTS ARE COMPLEMENTARY, AND WHAT IS CALLED FOR BY ONE WILL BE AS BINDING AS IF CALLED FOR BY ALL.
 - G - GENERAL INFORMATION
 - A - ARCHITECTURAL
 - S - STRUCTURAL
 - M - MECHANICAL
 - P - PLUMBING
 - FP - FIRE PROTECTION
 - E - ELECTRICAL
 - T - TECHNOLOGY/LOW VOLTAGE

CONFLICTS

- IN THE EVENT OF AN INCONSISTENCY BETWEEN THE DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEKING CLARIFICATION/RESOLUTION WITH THE DESIGN INTENT FROM THE ARCHITECT.
- REVIEW THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF SYSTEMS SHOWN IN CONSULTING DRAWINGS.
- ENGINEERS' DOCUMENTS, DISCREPANCIES BETWEEN THE ARCHITECTURAL AND ENGINEERING DOCUMENTS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR DIRECTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ALL WORK FOUND TO BE INSTALLED IN CONFLICT WITH THE CONSTRUCTION DOCUMENTS AT NO ADDITIONAL EXPENSE TO THE OWNER.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT UPON FINDING ANY CONFLICTS IN THE DRAWINGS AND SPECIFICATIONS.
- NOT SCALE DRAWINGS. LARGE SCALE DETAILS SHALL GOVERN OVER SMALL SCALE DETAILS. WHEN CONFLICT OCCURS BETWEEN DRAWINGS AND SPECS, THAT WHICH IMPLIES GREATER QUANTITY & QUALITY SHALL PREVAIL.
- WRITTEN DIMENSIONS ALWAYS TAKE PRECEDENCE OVER-SCALE DRAWINGS. NOTIFY THE DESIGN TEAM OF ANY DISCREPANCIES.
- CONTRACTOR TO ISSUE A COMPLETE SET OF CONTRACT DOCUMENTS TO EACH OF THE SUB-CONTRACTORS FOR COORDINATION OF THEIR WORK AND DESCRIPTION OF THE SCOPE.
- NO WORK DEFICIENT OR DEFECTIVE IN QUALITY IN ANY OF THE REQUIREMENTS OF THE CONTRACT DOCUMENT WILL BE ACCEPTABLE DESPITE THE ARCHITECT'S FAILURE TO DISCOVER OR POINT OUT DEFECTS OR DEFICIENCIES DURING CONSTRUCTION. DEFECTIVE WORK REVEALED WITHIN THE TIME REQUIRED BY GUARANTEES OR WARRANTIES SHALL BE REPLACED BY WORK CONFORMING WITH THE INTENT OF THE CONTRACT. NO PAYMENT, EITHER PARTIAL OR FINAL, SHALL BE CONSTRUED AS ACCEPTANCE OF DEFECTIVE WORK OR IMPROPER MATERIALS.
- IT IS INTENDED THAT THE CONTRACTOR PROVIDE A COMPLETE JOB, AND ANY OMISSIONS IN THESE NOTES OR THE OUTLINE OF WORK SHALL NOT BE CONSTRUED AS RELIEVING THE CONTRACTOR OF SUCH RESPONSIBILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR CHECKING CONTRACT DOCUMENTS, FIELD CONDITIONS, AND DIMENSIONS FOR ACCURACY AND CONFIRMING THAT THE WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHER COORDINATION ISSUES, THE CONTRACTOR SHALL SUBMIT THEM, IN WRITING, TO THE ARCHITECT AND IS RESPONSIBLE FOR OBTAINING A WRITTEN CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH THE WORK IN QUESTION OR RELATED WORK.

COORDINATION

- ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS SHOW WHERE DUCTWORK IS TO BE INSTALLED AT A SPECIFIC ELEVATION IN A CONTROLLED PATTERN. THE CONTRACTOR MUST RELY ON ALL OF THESE DISCIPLINES TO COMPLETE THE WORK AND SHOULD NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. THE CONTRACTOR SHALL COORDINATE THE LAYOUT, CLEARANCES, AND LOCATION OF HEAD HEIGHTS WITH THE STRUCTURE, MECHANICAL DUCTWORK, ELECTRICAL LIGHTING, DRAINAGE PIPING, AND THE ARCHITECTURAL REFLECTED CEILING PLANS.
- THE CONTRACTOR SHALL PROVIDE AND COORDINATE THE EXACT DIMENSIONS, SIZES, AND POSITIONS OF ALL OPENINGS IN ANY FLOOR, ROOF, OR WALL CONSTRUCTION NECESSARY FOR THE INSTALLATION OF THE WORK, INCLUDING CONFIRMING THE LOCATION OF ALL SUCH OPENINGS BEFORE BEGINNING THE WORK.
- THE ARCHITECTURAL AND STRUCTURAL DRAWINGS DESCRIBE VARIOUS FLOOR SLAB SLOPE REQUIREMENTS, RECESSES, AND EDGE CONDITIONS. Therefore, USE BOTH SETS OF DRAWINGS WHEN INSTALLING THE FLOOR SLAB.
- ALL VERTICAL AND HORIZONTAL DUCTS, PIPES, CONDUIT, ETC. IN FINISHED ROOMS SHALL BE FURRED-IN OR ENCLOSED WITH MATCHING WALL CONSTRUCTION AND FINISHED TO MATCH ADJACENT FINISHED SURFACES AND ANY REQUIRED WALL OR CEILING RATING. In addition, ALL VERTICAL SHAFT ENCLOSURES NOT CONTIGUOUS TO THE LOWEST FLOOR SLAB AND TERMINATE ABOVE THE CEILING SHALL BE CLOSED AT THE BOTTOM BY A FIRE-RATED HORIZONTAL SHAFT CONSTRUCTION WITH MATCHES THE FIRE-RATINGS OF THE SHAFT ASSEMBLY.
- COORDINATE SCHEDULING PROVISIONS FOR INSTALLATION AND LOCATIONS OF ITEMS FURNISHED BY THE OWNER OR OTHERS. FACILITATE WORK WITH ALL TRADES ON THE PROJECT NOT UNDER CONTRACT TO THE CONTRACTOR (I.E., TELEPHONE, COMPUTER, ETC.). ANY CHANGES OR DELAYS ARISING FROM CONFLICTS BETWEEN SUCH TRADES AND THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH THE RESOLUTION OF THOSE CONFLICTS AT NO ADDITIONAL COST TO THE OWNER.
- ALL ATTACHMENTS AND PENETRATIONS THROUGH CONCRETE NOTED ON THE DRAWINGS TO BE WATERPROOFED SHALL BE MADE BEFORE THE APPLICATION OF THE WATERPROOFING MATERIAL.
- ALL OPERATING MECHANISMS IN PIPING AND DUCTWORK SHALL BE INSTALLED AT LOCATIONS THAT PROVIDE SAFE, DIRECT, AND EASY ACCESS FOR MAINTENANCE. ACCESS DOORS SHALL BE PROVIDED AT ALL WALLS AND CEILINGS WHERE ACCESS TO SUCH MECHANISMS IS NOT OTHERWISE READILY AVAILABLE.
- THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS AND COORDINATE AND COMPLY WITH ALL REQUIREMENTS INDICATED ON THE PROJECT DOCUMENTS BEFORE PROCEEDING WITH THE WORK AND SHALL PROVIDE ALL WORK NECESSARY TO INSTALL COMPLETE AND FULLY OPERATIONAL SYSTEMS AND COMPONENTS.
- THE CONTRACTOR SHALL WORK WITHIN THE BOUNDARIES INDICATED IN THE PROJECT DOCUMENTS AND COMPLY WITH ALL APPLICABLE BUILDING CODES, REGULATIONS, AND ORDINANCE REQUIREMENTS. OCCUPANTS ADJACENT TO THE PROJECT AREA BOUNDARIES SHALL CONTINUE UNINTERRUPTED OCCUPANCY DURING THE CONSTRUCTION PROJECT.
- THE CONTRACTOR SHALL NOT INTERRUPT EXISTING UTILITIES SERVING EXISTING FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY THE OWNER AND ALL AUTHORITIES HAVING JURISDICTION AND SHALL PROVIDE TEMPORARY SERVICES DURING CONSTRUCTION ACCEPTABLE TO THE OWNER AND AUTHORITIES HAVING JURISDICTION.
- VERIFY IN THE FIELD THAT NO CONFLICTS EXIST, WHICH WOULD PROHIBIT THE LOCATION OF ANY AND ALL MECHANICAL, ELECTRICAL, TELEPHONE, LIGHTING, PLUMBING, AND SPRINKLER EQUIPMENT, INCLUDING ALL REQUIRED PIPING, DUCTWORK, AND CONDUIT. CONFIRM THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE OF THE ABOVE EQUIPMENT ARE PROVIDED.
- ALL FLAG NOTES ARE SPECIFIC TO EACH DRAWING SHEET
- ALL WORK SHALL BE PERFORMED BY THE GENERAL CONTRACTOR U.N.O. ALL REFERENCES TO THE "CONTRACTOR" INCLUDE THE GENERAL CONTRACTOR AND THE SUB-CONTRACTORS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER ALL CONSTRUCTION MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK REQUIRED BY THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACTS AND OMISSIONS OF THE CONTRACTOR'S EMPLOYEES, SUB-CONTRACTORS AND THEIR AGENTS AND EMPLOYEES, AND ANY OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTRACT WITH THE CONTRACTOR.
- THOROUGHLY CLEAN ALL SURFACES OF DUST, DEBRIS, LOOSE CONSTRUCTION MATERIAL, AND EQUIPMENT 24 HOURS BEFORE OCCUPANCY OF ANY PHASE, VACUUM OR MOP AS APPROPRIATE ON ALL FLOORS, CLEAN WINDOWS, AND GLAZING.
- THE CONTRACT DOCUMENTS INTEND TO ALLOW FOR THE PERFORMANCE OF THE WORK. EVERY ITEM NECESSARILY REQUIRED MAY NOT BE SPECIFICALLY MENTIONED OR SHOWN, UNLESS EXPRESSLY STATED. ALL SYSTEMS AND EQUIPMENT SHALL BE COMPLETELY AND APPROPRIATELY OPERABLE. PROVIDE ALL SPECIFIED AND APPROPRIATE ITEMS. ALL INCIDENTAL, ACCESSORY, AND OTHER ITEMS NOT SPECIFIED BUT REQUIRED FOR COMPLETE AND FINISHED ASSEMBLY.
- IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY AND THE SUBCONTRACTORS TO REVIEW ALL DRAWINGS, PROJECT MANUAL, ADDENDA, ETC. TO ENSURE THE COORDINATION OF ALL WORK AFFECTING EACH TRADE. FAILURE TO REVIEW AND COORDINATE ALL CONTRACT DOCUMENTS BY THE GENERAL CONTRACTOR WITH ALL THE SUBCONTRACTORS FOR APPLICABLE ITEMS SHALL NOT RELIEVE THE RESPONSIBLE PARTY FROM PERFORMING ALL WORK SO REQUIRED AS PART OF THE CONTRACT.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OF THE SCOPE OF WORK AFFECTING BOTH EXISTING CONDITIONS AND NEW WORK. NO CHANGE REQUESTS WILL BE CONSIDERED FOR ANY WORK THAT THE GENERAL CONTRACTOR SHOULD HAVE BECOME FAMILIAR WITH DURING THE SITE VISIT, FIELD REVIEW, AND SURVEY.
- PROVIDE FOR THE PROPER SEQUENCE OF CONSTRUCTION, LOCATION, AND SIZE OF OPENINGS. COORDINATE ALL CONSTRUCTION AS INDICATED BY THE CONTRACT DOCUMENTS, INCLUDING SHOP DRAWINGS REVIEWED BY THE ARCHITECT.
- PROVIDE HORIZONTAL CONCEALED SOLID WOOD BLOCKING FOR ATTACHMENT OF CABINETS AND EQUIPMENT IN ALL NEW WALLS. INTERIOR K.O.H.M. FRAMES IN LIGHT CLASH WALLS TO HAVE WOOD BUCKS AS PART OF ASSEMBLY.
- ELECTRICAL PANELS IN THE CORRIDORS SHALL BE PAINTED TO MATCH THE ADJACENT WALL FINISH. In addition, ALL EXPOSED STEEL, IRONWORK, METAL PIPES, AND PRIMED METAL SURFACES OF MECHANICAL AND ELECTRICAL EXPOSED TO VIEW IN OCCUPIED, EGRESS STAIR, AND CIRCULATION SPACES SHALL BE PAINTED. THE PAINTING SUBCONTRACTOR SHALL PROVIDE A FIELD MOCK-UP OF PAINTED WALL(S) OF THE BASE AND ACCENT PAINT COLORS FOR REVIEW AND APPROVAL BY THE OWNER AND ARCHITECT.

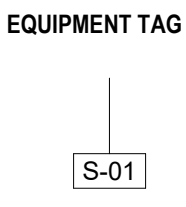
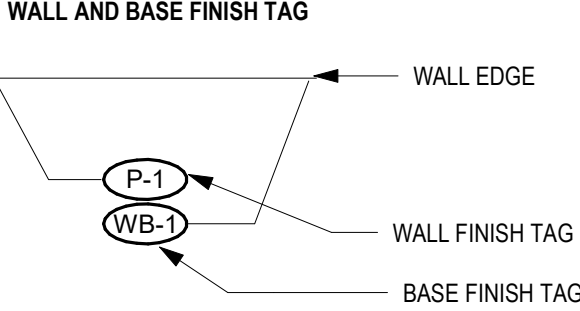
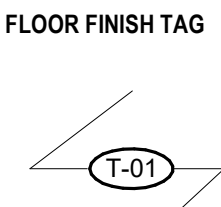
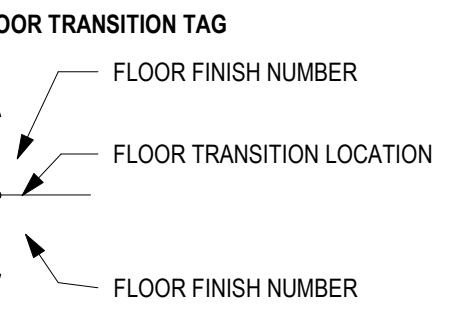
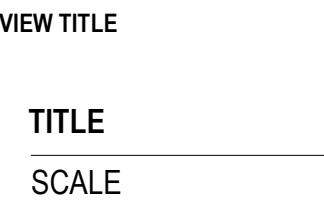
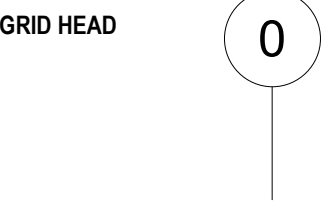
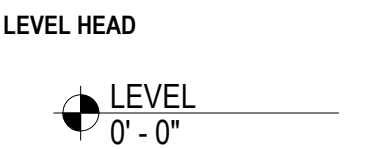
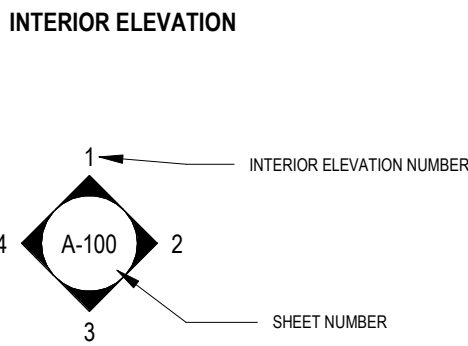
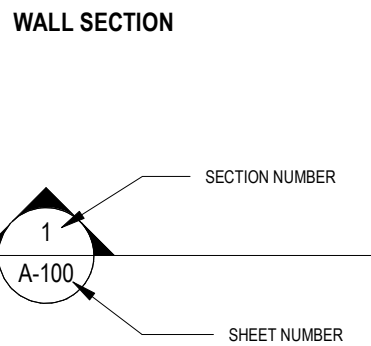
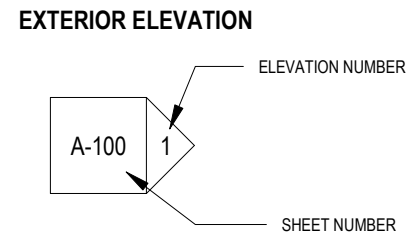
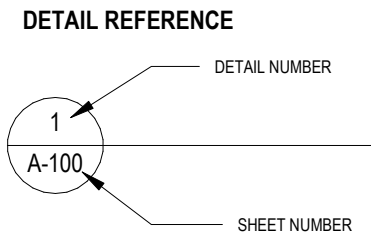
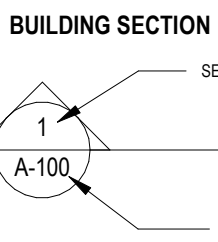
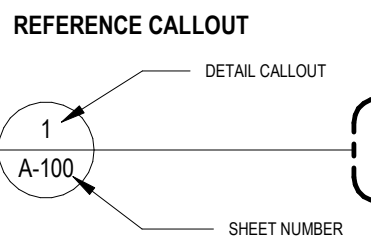
CU ANSCHUTZ MEDICAL CAMPUS
DENTAL SCHOOL LOUNGE RENOVATION
13065 East 17th Avenue, Aurora, CO 80045

History	Date
△ ISSUE FOR CONSTRUCTION	11.03.2023
DATE:	11.03.2023
PROJECT #:	2022.1.01
DRAWN BY:	DM
DESIGNED BY:	AG
CHECKED BY:	JG

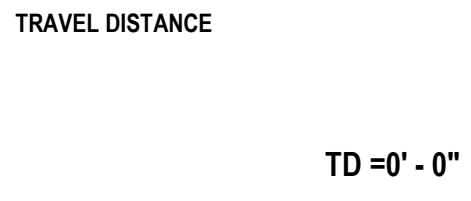
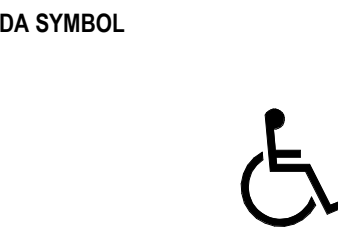
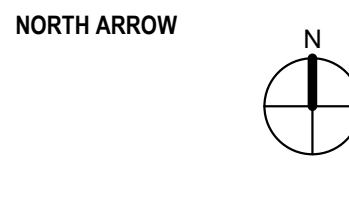
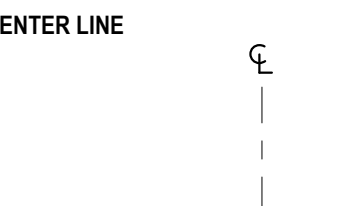
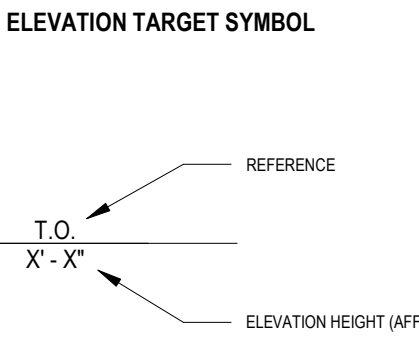
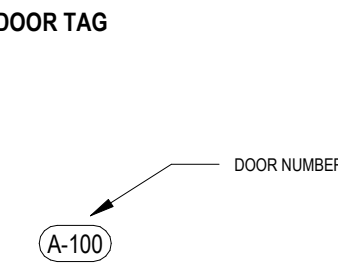
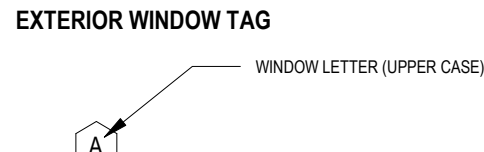
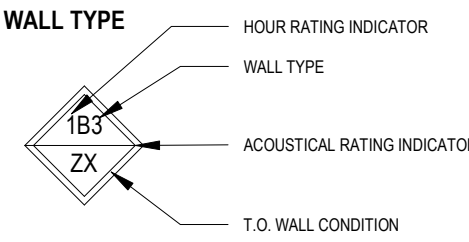
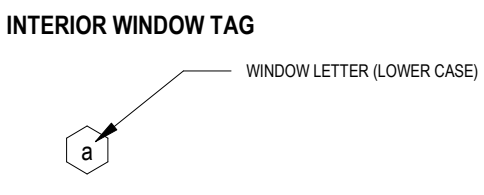
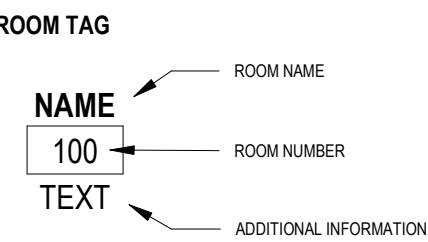
GENERAL NOTES

GRAPHIC STANDARDS

SET NAVIGATION



ELEMENT TAGS



MATERIALS DESIGNATION

	ALUMINUM		PRECAST CONCRETE		PARTICLE BOARD
	BRICK (ELEVATION)		EARTH		PLYWOOD
	CARPET		CRUSHED STONE		RIGID INSULATION
	CMU		ACOUSTIC TILE CEILING		BATT INSULATION
	CEMENTITIOUS DECKS & TOPPINGS		GRANITE & MARBLE		STEEL
	CONCRETE		GYPSUM WALL BOARD		WOOD
	MORTAR/SETTING BED/GROUT		SAND		CONCRETE BLOCK (SECTION)
	MASONRY BRICK (SECTION)		EIFS		PLYWOOD

ARCHITECTURAL ABBREVIATIONS

&	AND	FOF	FACE OF FINISH	QTY	QUANTITY
@	ANGLE	FOM	FACE OF MASONRY	R	RISER
A	AIR	FOS	FACE OF STUDS	RAD	RADIUS
A/C	AIR CONDITIONER / CONDITIONING	FOW	FACE OF WALL	RB	RUBBER BASE
ABV	ABOVE	FPL	FIREPLACE	RCP	REFLECTED CEILING PLAN
ACCS	ACCESSORIES	FR	FRAME	RD	ROOF DRAIN, REMOTE DOOR
ACSDR	ACCESS DOOR	FRC	FIBER REINFORCED CONCRETE	REF	REFERENCE
ACSLR	ACCESS FLOOR	FRGP	FIBER REINFORCED GYPSUM PLASTER	REFR	REFRIGERATOR
ACST / ACUS	ACOUSTICAL	FRT	FIRE RETARDANT TREATED	REG	REGISTER
ACT	ACOUSTICAL CEILING TILE	FS	FLOOR SINK	REINF	REINFORCE(D)
AD	AREA DRAIN	FTG	FOOTING	REQ	REQUIRED
ADA	AMERICANS WITH DISABILITIES ACT	FURR	FURRING	RESIL	RESILIENT
ADDL	ADDITIONAL	FUT	FUTURE	RESS	RESILIENT SHEET
ADDM	ADDENDUM	GA	GAUGE	REST	RESILIENT TILE
ADJ	ADJUSTABLE / ADJACENT	GALV	GALVANIZE(D)	RET	RETAINING
ADMIN	ADMINISTRATION	GB	GRAB BAR	REV	REVISE / REVISION
APC	ABOVE FINISHED COUNTER	GC	GENERAL CONTRACTOR	RFG	ROOFING
AFF	ABOVE FINISHED FLOOR	GL	GLASS / GLAZING	RFL	REFLECTED
AFG	ABOVE FINISHED GRADE	GND	GROUND	RH	RIGHT HAND
AFS	ABOVE FINISHED SLAB	GR	GRADE	RM	ROOM
AGGR	AGGREGATE	GRV	GRAVEL	RO	ROUGH OPENING
AHR	ANCHOR	GT	GLASS TILE	RP	REMOTE POINT
AHU	AIR HANDLING UNIT	GYP	GYPSUM	RS	RUBBER SHEET FLOORING
AL / ALUM	ALUMINUM	GYP BD	GYPSUM BOARD	RST	RUBBER STAIR TREADS
ALNMT	ALIGNMENT	HB	HOSE BIB	RSTR	RUBBER STAIR TREADS & RISERS
ALT	ALTERNATE	HC	HOLLOW CORE	RT	RUBBER TILE
ANCD	ANODIZED	HCP	HANDICAPPED	RWD	REDWOOD
AP	ACCESS PANEL	HD	HEAVY DUTY	RWL	RAIN WATER LEADER
APC	ACOUSTICAL PANEL CEILING	HD	HEAD	S	SOUTH
APPROX	APPROXIMATELY	HDR	HEADER	SAFB	SOUND ATTENUATION FIRE BLANKET
APPRVD	APPROVED	HDWR	HARDWARE	SC	SOLID CORE
ARCH	ARCHITECT(URAL)	HI	HIGH	SCD	SEAT COVER DISPENSER
ASPH	ASPHALT	HM	HOLLOW METAL	SCHD	SCHEDULE
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	INS	HOLLOW METAL INSULATED	SCN	SCREEN
AUTO	AUTOMATIC	HOR / HORIZ	HORIZONTAL	SCR	SCREEN
AVG	AVERAGE	HP	HIGH POINT	SD	SOAP DISPENSER / STORM DRAIN
BD	BOARD	HR	HANDRAIL	SDC	SEALED CONCRETE
BET	BETWEEN	HT	HEIGHT	SECT	SECTION
BG	BUMPER GUARD	HVAC	HEATING / VENTILATION / AIR CONDITIONING	SF	SQUARE FEET
BITUM	BITUMINOUS	HW	HARDWARE	SHT	SHEET
BL	BLACK	HYD	HYDRANT	SHTG	SHEATHING
BLDG	BUILDING	IN	INSIDE DIAMETER	SHWR	SHOWER
BLK	BLOCK	INCL	INCLUDE(D) / INCLUDING	SM	SIMILAR
BLKG	BLOCKING	INSUL	INSULATE / INSULATION	SND	SANITARY NAPKIN DISPENSER
BM	BEAM	INT	INTERIOR	SNR	SANITARY NAPKIN RECEPTACLE
BMS	BALANCE MAGNETIC SWITCH	JAN	JANITOR	SOG	SLAB ON GRADE
BOS	BOTTOM OF STEEL	JNT	JOINT	SPEC	SPECIFY / SPECIFICATION
BOT	BOTTOM	KIT	KITCHEN	SPK	SPEAKER
BS	BOTH SIDES	LAB	LABORATORY	SQ	SQUARE
CAB	CABINET	LAM	LAMINATED	SQFT	SQUARE FEET
CAS	CASEWORK	LAV	LAVATORY	SQIN	SQUARE INCH(ES)
CB	CATCH BASIN	LF	LINEAR FOOT (FEET)	ST	STAINLESS STEEL
CEM	CEMENT	LH	LEFT HAND	STA	STATION
CER	CERAMIC	LIB	LIBRARY	STC	STAINED CONCRETE
CF	CUBIC FOOT	LKR	LOCKER	STD	STANDARD
CG	CORNER GUARD	LNS	LINOLEUM SHEET	STDS	STUDS
CH	CEILING HEIGHT	LNT	LINOLEUM TILE	STFF	STIFFENER
CHAM	CHAMFER	LP	LOW POINT	STL	STEEL
CHBD	CHALKBOARD	LT	LIGHT	STN	STAINED
CI	CAST IRON	LVR	LOUVER	STOR	STORAGE
CI	CONTRACTOR INSTALLED	LWT	LIGHT WEIGHT	STRUCT	STRUCTURE / STRUCTURAL
CIP	CAST IN PLACE	MACH	MACHINE	SUSP	SUSPENDED
CJ	CONTROL JOINT	MAINT	MAINTENANCE	SW	SWITCH
CL	CENTER LINE	MATL	MATERIAL	SYM	SYMMETRICAL
CLG	CEILING	MAX	MAXIMUM	SYN	SYNTHETIC
CLO	CLOSET	MC	MEDICINE CABINET	SYS	SYSTEM
CLR	CLEAR	ME	MECHANICAL EQUIPMENT	T&B	TOP AND BOTTOM
CMU	CONCRETE MASONRY UNIT	MECH	MECHANICAL	T&G	TONGUE AND GROOVE
CO	CLEAN/CLEAR OUT	MEZZ	MEZZANINE	TB	TOWEL BAR
COL	COLUMN	MFR	MANUFACTURE(R)	TBD	TO BE DETERMINED
CONC	CONCRETE	MH	MANHOLE	TC	TOP OF CURB
CONST	CONSTRUCTION	MIN	MINIMUM	TD	TRAVEL DISTANCE
CONT	CONTINUOUS	MIR	MIRROR	TEL	TELEPHONE
CORR	CORROD	MISC	MISCELLANEOUS	TEMP	TEMPORARY / TEMPERATURE
CPR	COPPER	MLD / MLDG	MOLDING	TER	TERRAZZO
CPT	CARPET(ED)(ING)	MO	MASONRY OPENING	THK	THICK
CT	CERAMIC TILE	MR	MOISTURE RESISTANT	THRU	THROUGH
CTR	COUNTER	MTD	MOUNTED	TOC	TOP OF CONCRETE
DBL	DOUBLE	MTL	METAL	TOS	TOP OF SLAB
DEFS	DIRECT APPLIED EXTERIOR FINISH SYSTEM	MUL	MULLION	TOW	TOP OF WALL
DEG	DEGREE	N	NORTH	TPD	TOILET PAPER DISPENSER
DEMO	DEMOLISH	NA OR N/A	NOT AVAILABLE / APPLICABLE	TPTN	TOILET PARTITION
DEP	DEPRESSION	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	TV	TELEVISION
DET	DETAIL	NIC	NOT IN CONTRACT	TYP	TYPICAL
DF	DRINKING FOUNTAIN	NO / #	NUMBER	UC	UNDERCUT
DIA	DIAMETER	NOM	NOMINAL	UG	UNDERGROUND
DIAG	DIAGONAL	NTS	NOT TO SCALE	UL	UNDERWRITER'S LABORATORY
DM	DIMENSION	OBS	OBSCURE	UNF / UNFIN	UNFINISHED
DISP	DISPENSER	OC	ON CENTER	UON	UNLESS OTHERWISE NOTED
DIV	DIVISION	OD	OUTSIDE DIAMETER	UPS	UNINTERRUPTIBLE POWER SUPPLY
DN	DOWN	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	UR	URINAL
DR	DOOR	OFF	OFFICE	V	VOLT
DS	DOWNSPOUT	OPG / OPNG	OPENING	VAC	VACUUM
DWG	DRAWING	OPP	OPPOSITE	VB	VAPOR BARRIER
E	EAST	OZ	OUNCE	VCT	VINYL COMPOSITION TILE
EA	EACH	PART	PARTIAL	VENT	VENTILATE
EF	EACH FREE	PAT	PATTERN	VERT	VERTICAL
EFS	EXTERIOR INSULATION AND FINISH SYSTEM	PBD	PARTICLE BOARD	VEST	VESTIBULE
EJ	EXPANSION JOINT	PC / PCC	PRECAST CONCRETE	VIF	VERIFY IN FIELD
EL	ELEVATION	PED	PERESTAL	VNR	VENEER
ELEC	ELECTRICAL	PER	PERIMETER	VOL	VOLUME
ELEV	ELEVATOR	PERF	PERFORATED	VST	VINYL STAIR TREADS
EMER	EMERGENCY	PERP	PERPENDICULAR	VSTR	VINYL STAIR TREADS & RISERS
ENCL	ENCLOSED / ENCLOSURE	PF	PRE-FINISHED	VT	VINYL TILE
ENG	ENGINEER	PIF	POURED-IN-PLACE	VTR	VENT THRU ROOF
EOD	EDGE OF DECK	PL	PLATE	VWC	VINYL WALLCOVERING
EOS	EDGE OF SLAB	PLAM	PLASTIC LAMINATE	W	WEST
EQ	EQUAL(LY)	PLAS	PLASTER	WI	WITH
EQPT	EQUIPMENT	PLYWD	PLYWOOD	WIO	WITHOUT
EST	ESTIMATE	PMF	PRESSED METAL FRAMES	WC	WATER CLOSET
EW	ELECTRIC WATER COOLER	POP	POINT OF PRESENCE	WCV	WALLCOVERING
EXIST	EXISTING	PR	PAIR	WD	WOOD
EXP	EXPANSION	PRCST	PRE-CAST	WF	WIDE FLANGE
EXT	EXTERIOR	PRCAF	PRE-FABRICATED	WG	WIRE GLASS
FA	FIRE ALARM	PROP	PROPERTY	WH	WALL HOSE / HYDRANT
FAST	FASTENER	PRT	PORCELAIN TILE	WI	WROUGHT IRON
FCO	FLOOR CLEAN OUT	PSF	POUNDS PER SQUARE FOOT	WN	WINDOW
FD	FLOOR DRAIN	PSI	POUNDS PER SQUARE INCH	WK	WORK
FUN	FOUNDATION	PT	POINT	WNSCT	WAINSCOT
FE	FIRE EXTINGUISHER	PTD	PAPER TOWEL DISPENSER	WP	WATERTPROOF(ING)
FEC	FIRE EXTINGUISHER CABINET	PTDWR	PAPER TOWEL DISPENSER & WASTE RECEPTACLE	WPT	WORK POINT
FEC (R)	FIRE EXTINGUISHER CABINET, RECESSED	PTDF	PRESSURE TREATED DOUGLAS FIR	WR	WATER RESISTANT
FEC (SR)	FIRE EXTINGUISHER CABINET, SEMI-RECESSED	PTN	PARTITION	WRR	WOOD RISER
FEW	FIRE EXTINGUISHER, WALL MOUNTED	PTR	PAPER TOWEL RECEPTACLE	WT	WEIGHT
FF	FINISHED FLOOR	PVC	POLYVINYL CHLORIDE	YD	YARD
FGL	FIBERGLASS	Q	QUARTZ		
FIN	FINISHED	QT	QUARRY TILE		
FIXT	FIXTURE				
FL	FLOOR				
FLASH	FLASH(ING)				
FLUOR	FLUORESCENT				
FOC	FACE OF CONCRETE				

History	Date
ISSUE FOR CONSTRUCTION	11.03.2023

DATE:	11.03.2023
PROJECT #:	2022.101

DRAWN BY:	DM
DESIGNED BY:	AG
CHECKED BY:	JG

ABBREVIATIONS & SYMBOLS

CODE SUMMARY

SUMMARY OF WORK

THIS PROJECT CONSISTS OF AN INTERIOR RENOVATION OF THE DENTAL SCHOOL LOUNGE AND LOCKER AREA. SCOPE INCLUDES NEW CASEWORK AND MINOR MODIFICATIONS TO THE EXISTING LOUNGE AREA AS WELL AS NEW FINISHES THROUGHOUT THE LOUNGE AND LOCKER AREA. MINOR MODIFICATIONS TO THE EXISTING ELECTRICAL POWER AND LIGHTING ARE WITHIN SCOPE.

NO EXTERIOR WORK, NO MODIFICATIONS TO THE EXISTING HVAC SYSTEM AND NO NEW ADDED SQUARE FOOTAGE IS PROPOSED IN THIS PROJECT. NO CHANGE IN USE OR CHANGE TO OCCUPANCY.

APPLICABLE CODES

INTERNATIONAL BUILDING CODE - 2021
INTERNATIONAL EXISTING BUILDING CODE - 2021
INTERNATIONAL MECHANICAL CODE - 2021
INTERNATIONAL PLUMBING CODE - 2021
INTERNATIONAL FIRE CODE - 2021
INTERNATIONAL ENERGY CONSERVATION CODE - 2021
INTERNATIONAL FUEL GAS CODE - 2021
NATIONAL ELECTRIC CODE - 2020

(E) BUILDING WAS CONSTRUCTED UNDER 1997 UBC

ZONING INFORMATION

MU-O1 - MIXED USE OFFICE / INSTITUTIONAL DISTRICT
ZONING SUBAREA 'A'

(E) BUILDING AREA SUMMARY

WORK AREA SQUARE FOOTAGE 2,196 SF
(ENTIRE PROJECT AREA LOCATED IN EXISTING BASEMENT)

(E) USE AND OCCUPANCY CLASSIFICATIONS IBC CHAPTER 3.

304.1 BUSINESS GROUP B OCCUPANCY (PRIMARY OCCUPANCY)
BUSINESS GROUP B OCCUPANCY INCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR STRUCTURE, OR A PORTION THEREOF, FOR OFFICE, PROFESSIONAL OR SERVICE-TYPE TRANSACTIONS, INCLUDING STORAGE OF RECORDS AND ACCOUNTS. BUSINESS OCCUPANCIES SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:

- EDUCATIONAL OCCUPANCIES FOR STUDENTS ABOVE THE 12TH GRADE

FIRE PROTECTION SYSTEM

FULLY SPRINKLERED - EXISTING

CLASSIFICATION OF WORK

IEBC CHAPTER 6

603 ALTERATION - LEVEL 1

LEVEL 1 ALTERATIONS INCLUDE THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS, ELEMENTS, EQUIPMENT OR FIXTURES USING NEW MATERIALS, ELEMENTS, EQUIPMENT OR FIXTURES THAT SERVE THE SAME PURPOSE.

ALTERATIONS - LEVEL 1

IEBC CHAPTER 7

702

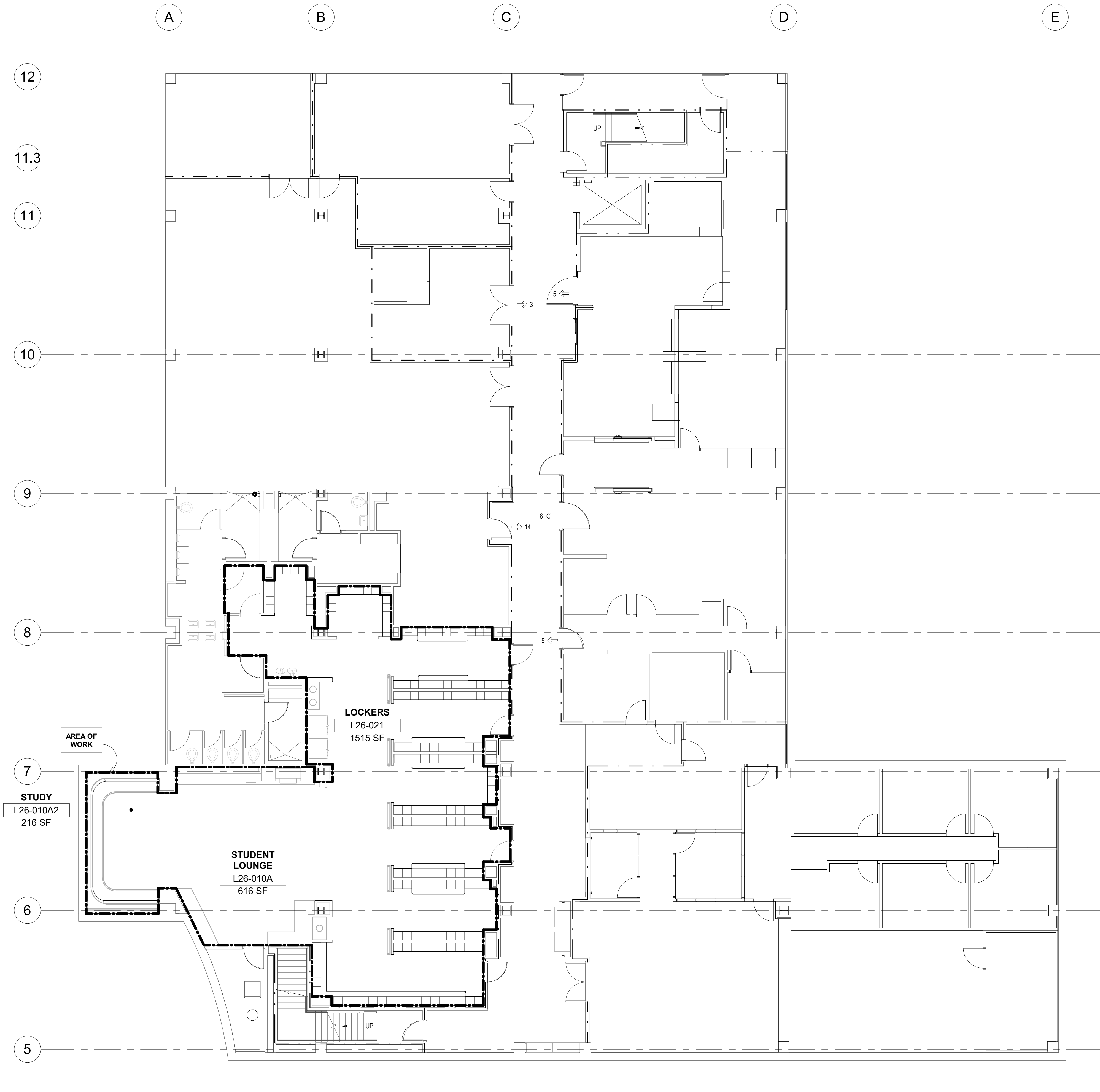
ALL NEW FLOOR, WALL AND CEILING FINISHES COMPLY WITH SECTION 702.1 THROUGH 702.3.

704.1

EXISTING MEANS OF EGRESS MAINTAINS EXISTING LEVEL OF PROTECTION. THERE IS NO CHANGE OF OCCUPANCY OR CHANGE OF USE.

CODE PLAN LEGEND

- PROJECT LIMIT LINE
- . - . - 1-HR RATED WALL
- . - . - 2-HR RATED WALL
⇒ XX EXIT ARROW
→ XX EXIT ACCESS ARROW



1 CODE PLAN - BASEMENT LEVEL
1/8" = 1'-0"

CU ANSCHUTZ MEDICAL CAMPUS
DENTAL SCHOOL LOUNGE RENOVATION
13065 East 17th Avenue, Aurora, CO 80045

History	Date
△ ISSUE FOR CONSTRUCTION	11.03.2023

DATE: 11.03.2023
PROJECT #: 2022.101

DRAWN BY: DM
DESIGNED BY: AG
CHECKED BY: JG

CODE PLAN

13065 East 17th Avenue, Aurora, CO 80045

DATE: 11.03.2023
PROJECT #: 2022.101

DRAWN BY: DM
DESIGNED BY: AG
CHECKED BY: JG

LOCATION PLAN

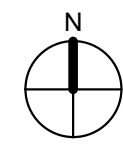
G-111



NTS

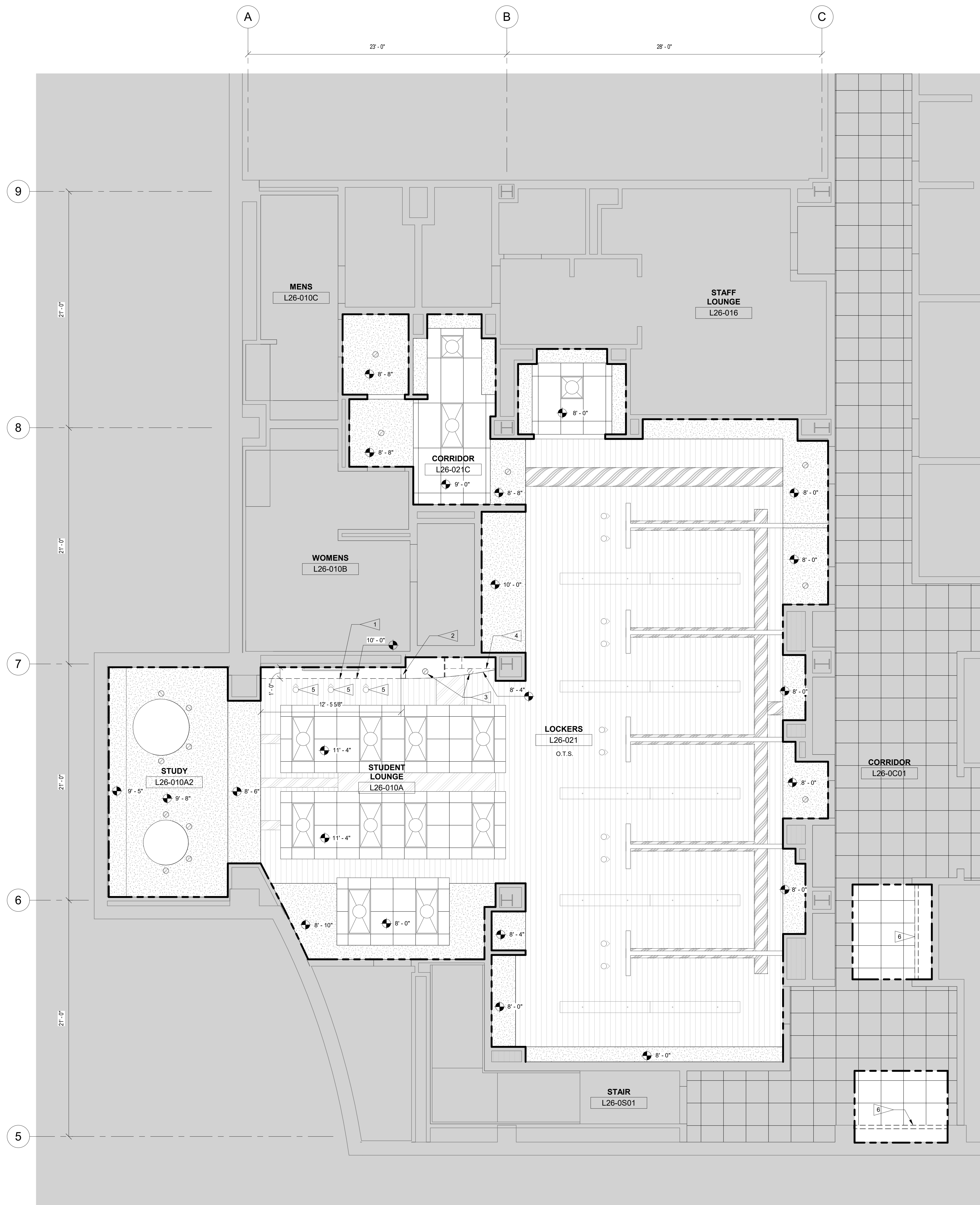


1/4" = 1'-0"

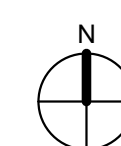
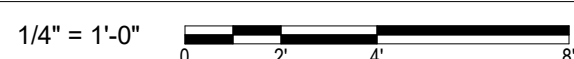


- 1 REMOVE (E) BUILT-IN BANQUETTE INCLUDING UPHOLSTERY, CUSHIONING AND WOOD LAMINATE
- 2 DEMO (E) CASEWORK, SHELVING AND COUNTERTOP
- 3 REMOVE (E) DISHWASHER AND SINK, CAP WATER AND DRAIN LINES AT FORMER DISHWASHER LOCATION
- 4 REMOVE (E) FLOORING AND WALL BASE THROUGHOUT PROJECT AREA
- 5 (E) DRINKING FOUNTAIN AND BOTTLE CARRIER TO REMAIN
- 6 REMOVE (E) MAILBOXES AT THIS LOCATION (E) RATED FIRE PARTITION AT CORRIDOR TO BE PROTECTED IN PLACE
- 7 INTERIOR CORRIDOR PROTECT IN PLACE
- 8 REMOVE PARTITION FROM FINISHED FLOOR UP TO BOTTOM OF SOFFIT ABOVE. SEE DEMOLITION ELEVATIONS
- 9 REMOVE (E) FURNITURE. SALVAGE AT OWNER'S DISCRETION
- 10 REMOVE AND REINSTALL (E) TV DEMO WALL AS NEEDED FOR NEW HOLLOW CORED NEW OUTLET LOCATION
- 11 REMOVE AND REINSTALL (E) STAINLESS STEEL CORNER GUARDS, TP
- 12 REMOVE (E) MAGAZINE RACK. SALVAGE FOR OWNER
- 13 REMOVE AND REINSTALL (E) FIRE EXTINGUISHER AND ASSOCIATED SIGNAGE
- 14 SALVAGE (E) REFRIGERATOR
- 15 REMOVE (E) UPPER CABINET ABOVE
- 16 REMOVE AND REINSTALL (E) SIGNAGE "STUDENT CYBER CAFE". DISPOSE/RETURN TO BUILDING OWNER REMAINING SIGNAGE.
- 17 REMOVE (E) SIGNAGE AND RETURN TO BUILDING OWNER
- 18 REMOVE (E) ACOUSTICAL WALL PANELS
- 19 REMOVE (E) DISPLAY BOARDS AT END CAPS
- 20 SALVAGE (E) MICROWAVES, SOAP DISPENSER AND PAPER TOWEL DISPENSER. VERIFY WITH REINSTALLATION WITH OWNER
- 21 REMOVE (E) TRASH RECEPTACLES AND RETURN TO BUILDING OWNER
- 22 (E) STUDENT LOCKERS TO REMAIN, PROTECT IN PLACE
- 23 REMOVE AND REINSTALL (E) VENDING MACHINES IN (N) LOCATION. SEE FLOOR PLAN FOR (N) VENDING MACHINE LOCATION(S)
- 24 SAW CUT AND REMOVE (E) CONCRETE FOR NEW POWER TRENCH LOCATION, PROVIDE GPR LOCATION TO SAW CUTTING COORDINATOR AND FIELD LOCATION FINAL ELECTRICAL BOARD LOCATIONS
- 25 (E) WALL MOUNTED WOUND CORDS TO REMAIN

AD-101




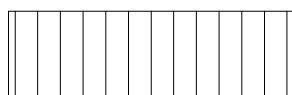










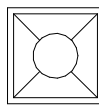
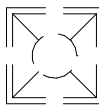
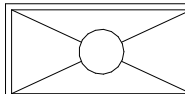
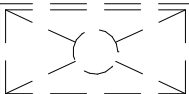
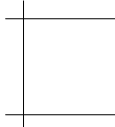
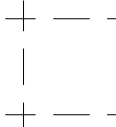


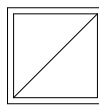
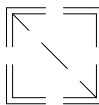
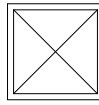
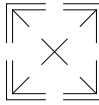

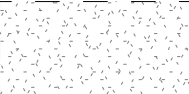
1 DEMOLITION REFLECTED CEILING PLAN - BASEMENT LEVEL



GENERAL DEMOLITION NOTES

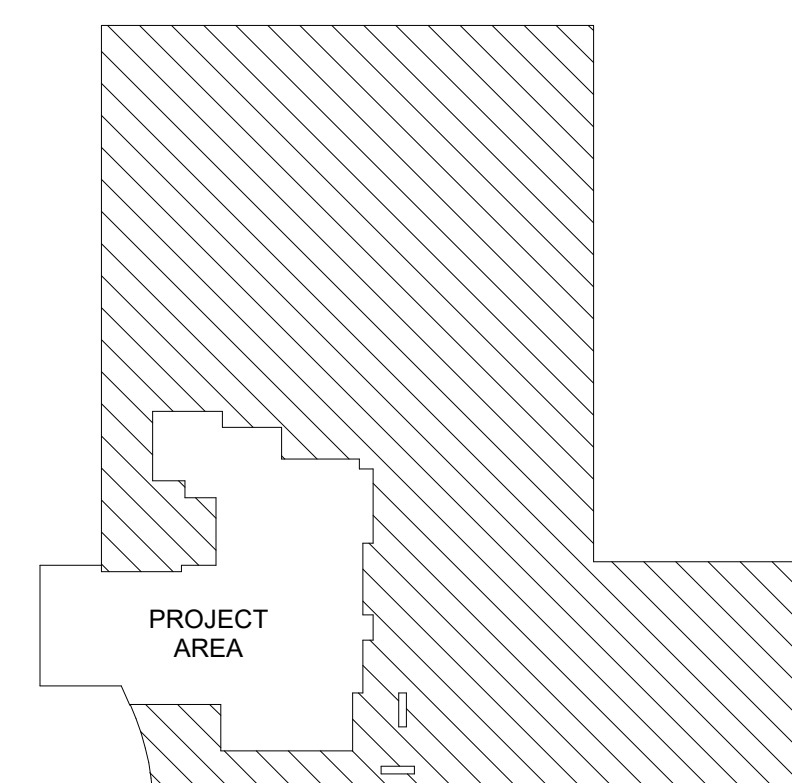
1. THE CONTRACTOR SHALL MAINTAIN THE EXISTING STRUCTURAL AND FIREPROOFING INTEGRITY OF THE ENTIRE BUILDING EXCEPT WHERE OTHERWISE NOTED.
2. UPON THE DISCOVERY OF HAZARDOUS MATERIALS/ENCOUNTERED DURING CONSTRUCTION, NOTIFY THE DESIGNER AND OWNER IMMEDIATELY AND AVOID FURTHER INSTRUCTIONS. THE WORK ARE SHALL BE COMPLETELY SEALED OFF DURING ABANDONMENT WORK INCLUDED IN THE CONTRACT IS ILLUSTRATED IN BOLD-DASHED LINE WORK, UNLESS NOTED OTHERWISE, BOLD-DASHED ITEMS INDICATED SUCH AS PARTITIONS, DOORS, WINDOWS, EQUIPMENT, ETC. ARE TO BE REMOVED.
3. WHERE THE TERM "REMOVE" IS USED, THE CONTRACTOR SHALL REMOVE THE ITEM AND LEGALLY DISPOSE OF IT.
4. WHERE THE TERM "SALVAGE" IS USED, THE CONTRACTOR SHALL REMOVE FROM THE PROJECT AND RETURN TO OWNER.
5. WHERE THE TERM "REMOVE AND REINSTALL" IS USED, THE CONTRACTOR IS TO DETACH ITEMS FROM EXISTING CONSTRUCTION, PRESERVE THEIR FORM AND FUNCTION, AND REINSTALL THEM WHERE NOTED.
6. WHERE THE TERM "EXISTING TO REMAIN" IS USED, THE EXISTING ITEMS OF CONSTRUCTION ARE NOT TO BE REMOVED.
7. SEE REFLECTED CEILING DEMOLITION PLANS FOR CEILING DEMOLITION WORK.
8. SEE ELECTRICAL ENGINEERING DRAWINGS FOR THE REMOVAL OF SPECIFIC ELECTRICAL SYSTEMS.
9. REINSTALLED EQUIPMENT AND DEVICES ARE TO BE CLEARLY IDENTIFIED FOR CORNER GUARDS.
10. WHEREVER MECHANICAL, ELECTRICAL, AND PLUMBING DEVICES ARE REMOVED, ALL PIPING AND/OR CONDUITS THAT ARE ABANDONED SHALL BE CAPPED OFF BELOW THE FLOOR INSIDE THE WALLS, OR ABOVE THE CEILINGS EXCEPT WHERE NOTED.
11. WHEREVER MECHANICAL, ELECTRICAL, AND PLUMBING DEVICES ARE REMOVED, ALL BOXES, PIPES, AND REPAIR FINISHES TO MATCH SURROUNDING FINISHES. BLANK COVER PLATES OVER EXISTING BOXES ARE NOT ACCEPTABLE. UNO.
12. REMOVE WALL BASE IN AREAS WHERE FLOORING IS BEING REMOVED.
13. REMOVE WALLS AND WALL PARTITIONS IN AREAS WHERE THE REMOVED ENTIRE FINISHED AREA INTO ANOTHER PATCH, PARTITION, AND REPAIR FLOOR AND WALL SURFACES IN THE NEW SPACE TO PROVIDE AN EVEN SURFACE OF UNIFORM FINISH, COLOR, TEXTURE, AND APPEARANCE.
14. OWNER TO REMOVE (E) FURNITURE, AND (E) EQUIPMENT PRIOR TO THE CONTRACTOR BEGINNING WORK.
15. (E) FIRE PROTECTION SYSTEM COMPONENTS ARE TO REMAIN AND PROTECTED IN PLACE.
16. REMOVE EXISTING CORNER GUARDS THROUGHOUT. PREPARE FOR NEW CORNER GUARDS.

DEMOLITION RCP LEGEND

	AREA NOT IN CONTRACT (NIC)	
	AREA OPEN TO STRUCTURE ABOVE	
	MECHANICAL DUCTING	
	PROJECT LIMIT LINE	
EXISTING		DEMOLITION
	RECESSED CAN LIGHT, RE: ELECTRICAL	
	SUSPENDED SPOTLIGHT, RE: ELECTRICAL	
	OVERHEAD OR WALL MOUNTED EMERGENCY EXIT SIGN WITH TRAVEL DIRECTION INDICATOR, RE: ELECTRICAL	 DEM
	PENDANT MOUNTED LINEAR LIGHT FIXTURE, RE: ELECTRICAL	
	2X2 LIGHT FIXTURE, RE: ELECTRICAL	
	2X4 LIGHT FIXTURE, RE: ELECTRICAL	
	2X2 ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM	
	2X4 ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM	
	EXHAUST, RE: MECHANICAL	
	SUPPLY, RE: MECHANICAL	
	GYPSUM CEILING	

FLAGNOTES

1. DEMO EXISTING SOFFIT
2. DEMO PARTITION FROM FINISHED FLOOR UP TO BOTTOM OF SOFFIT, SEE DEMOLITION ELEVATIONS
3. REMOVE (E) RECESSED CAN LIGHTS. PATCH AND REPAIR DRYWALL SOFFIT AS NECESSARY. PREPARE FOR NEW PAINT.
4. CASEWORK BELOW TO BE DEMOLISHED, SEE DEMOLITION ELEVATIONS
5. REMOVE (E) SUSPENDED SPOTLIGHT, SEE ELECTRICAL
6. REMOVE (E) WALL ABOVE (E) MAILBOXES UP TO (E) CEILING. ENSURE CORRIDOR RATING IS MAINTAINED.



BASEMENT LEVEL KEY PLAN

CU ANSCHUTZ MEDICAL CAMPUS
DENTAL SCHOOL LOUNGE RENOVATION

13065 East 17th Avenue, Aurora, CO 80045

History	Date
△ ISSUE FOR CONSTRUCTION	11.03.2023

DATE: 11.03.2023
PROJECT #: 2022.101

DRAWN BY: DM
DESIGNED BY: AG
CHECKED BY: JG

DEMOLITION RCP

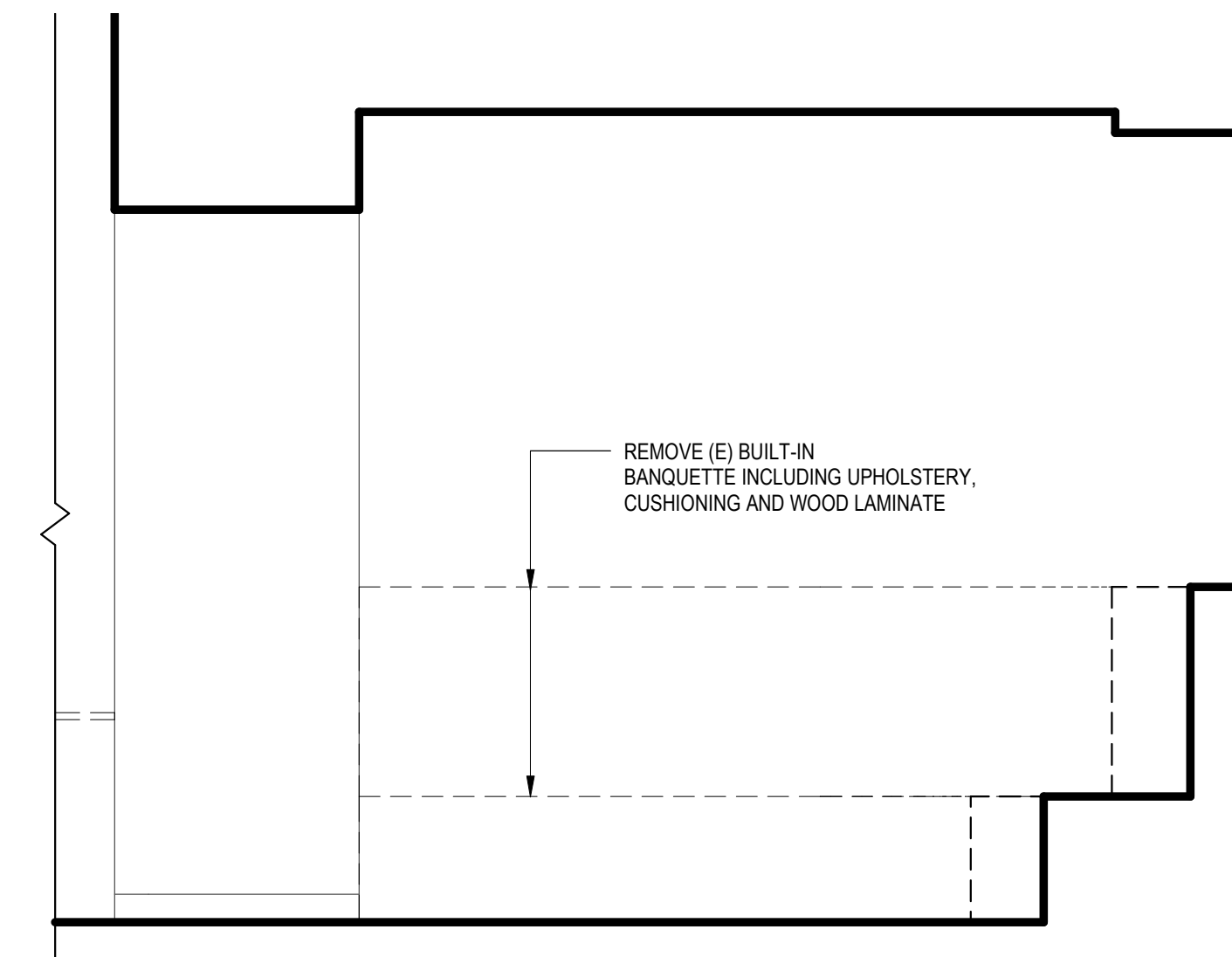
AD-111

CU ANSCHUTZ MEDICAL CAMPUS
DENTAL SCHOOL LOUNGE RENOVATION
13065 East 17th Avenue, Aurora, CO 80045

History	Date
ISSUE FOR CONSTRUCTION	11.03.2023
DATE:	11.03.2023
PROJECT #:	2022.101
DRAWN BY:	DM
DESIGNED BY:	AG
CHECKED BY:	JG

DEMOLITION
ELEVATIONS

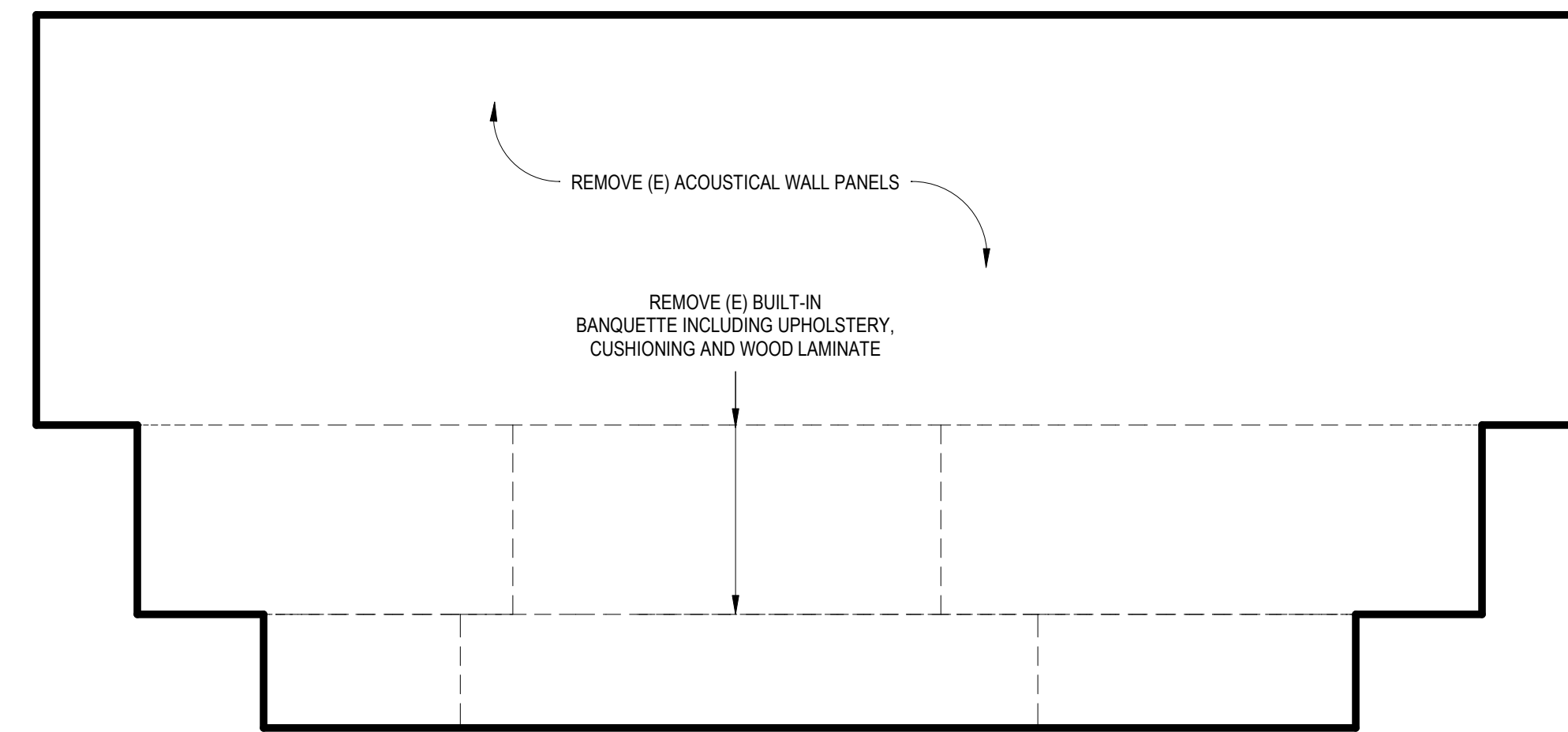
AD-201



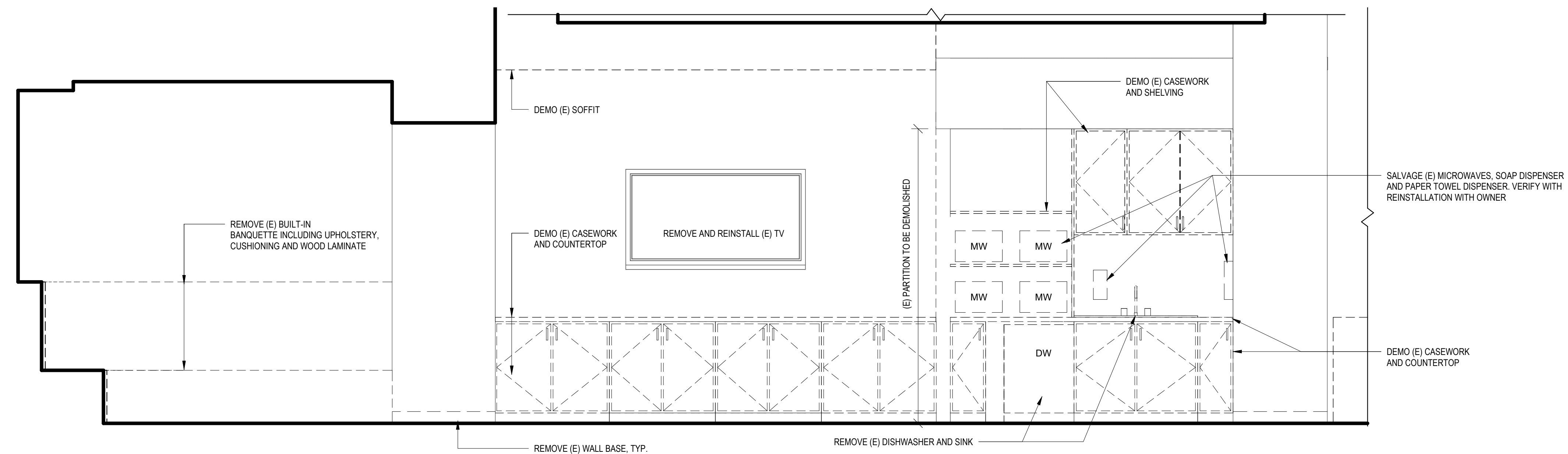
3 DEMO ELEVATION - STUDY - SOUTH

1/2" = 1'-0"

0 1' 2' 4'



2 DEMO ELEVATION - STUDY - WEST
1/2" = 1'-0"
0 1' 2' 4'

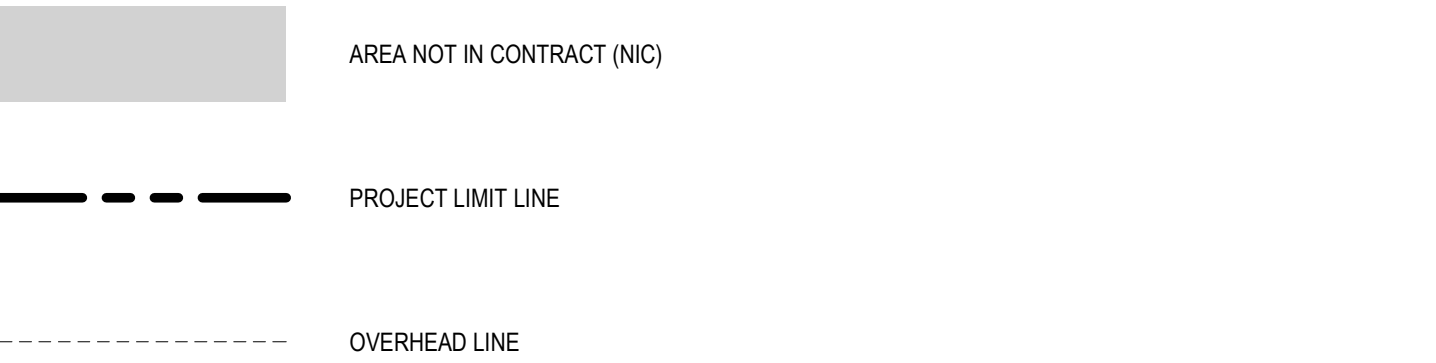


1 DEMO ELEVATION - LOUNGE & STUDY - NORTH

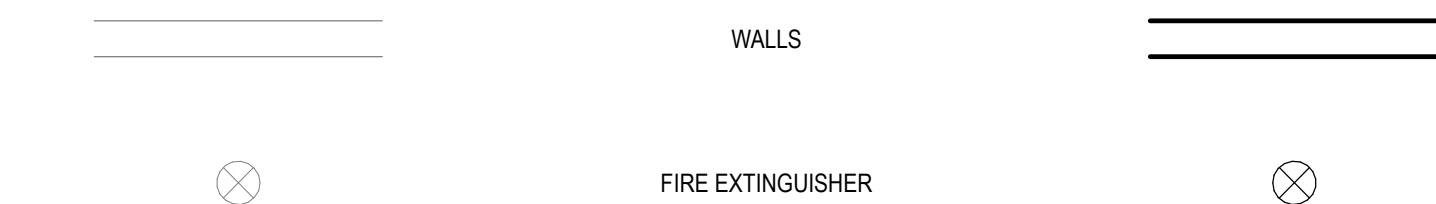
GENERAL FLOOR PLAN NOTES

1. ALL SPACES TO MAINTAIN FIRE PROTECTION REQUIREMENTS
2. PROVIDE AIR RETURNS AND TRANSFERS AS REQUIRED TO MAINTAIN MECHANICAL REQUIREMENTS
3. ALL NEW PARTITION DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD, UNO
4. REFERENCE ENLARGED FLOOR PLANS FOR EQUIPMENT SCHEDULE
5. NEW STAINLESS STEEL CORNER GUARDS TO BE INSTALLED THROUGHOUT SPACE

FLOOR PLAN LEGEND



EXISTING



FLAGNOTES

1. (N) CASEWORK, (N) COUNTERTOP WITH (N) SINK AND MICROWAVE OVENS AT (E) LOUNGE AREA
2. (N) CASEWORK AND (N) COUNTERTOP WITH TRASH DISPOSAL AND RECYCLING BINS
3. (N) STORAGE CABINETS AT (N) WITHIN COOKING AREA, (N) FIRE PARTITION AT CORRIDOR TO BE PROTECTED IN PLACE
4. (N) REFRIGERATORS, PROVIDE DEDICATED ELECTRICAL POWER, SEE ELECTRICAL
5. (N) ROUND PENT ACCELT DISPLAY BOARDS AT (E) WALL END CAPS, FROM ETSY SHOP SEEBYCLD, SEE FINISH LEGEND FOR COLOR
6. (N) BANQUETTE BUILT-IN SEATING WITH UPHOLSTERED CUSHIONING AND (N) PLASTIC MANILA
7. (E) DRINKING FOUNTAINS AND BOTTLE FILLER TO REMAIN
8. (N) ELECTRICAL, CORD ACCELT DISPLAY BOARDS AT (E) WALL END CAPS, SEE INTERIOR ELEVATIONS AND FINISH LEGEND
9. (N) VENDING MACHINES RELOCATED TO CORRIDOR, PROVIDE (N) DEDICATED ELECTRICAL POWER, SEE ELECTRICAL
10. (E) STUDENT LOCKERS TO REMAIN
11. (N) NEW TREM LOCATION FOR FLOOR CORES, SEE ELECTRICAL
12. (N) ELECTRICAL CONDUIT THROUGH PENETRATION TO VENDING MACHINES, GC TO PROVIDE FIRESTOPPING SYSTEM AT PENETRATION
13. TO MAINTAIN (E) FIRE RATING OF CORRIDOR WALL
14. (N) COUNTERTOP WITH SUPPORT BRACKETS, RE: ELEVATIONS
15. PATCH AND REPAIR WALL AS REQUIRED
16. PATCH AND REPAIR WALL AT NEW OUTLET LOCATION, VERIFY FINAL MOUNTING HEIGHT WITH OWNER, COORDINATE FINAL ETHERNET
17. PATCH LOCATION WITH ELECTRICAL ENGINEER
18. (N) FIRE EXTINGUISHER CABINETS AT EXISTING EXTINGUISHER LOCATIONS
19. DIRECT TV BOX TO BE IN LOCKED CABINET ADJACENT TO TV, COORDINATE LOCATION WITH OWNER

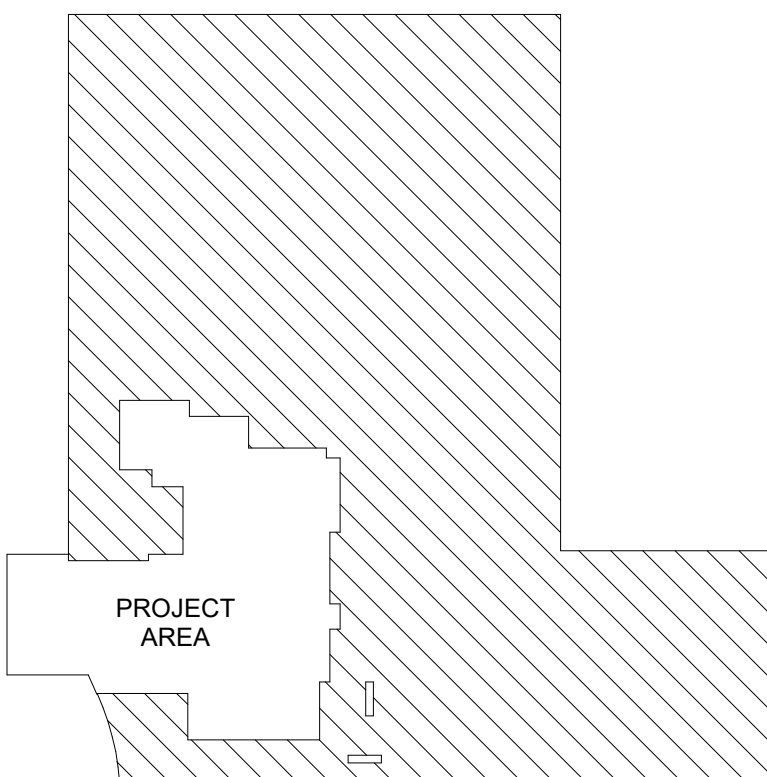
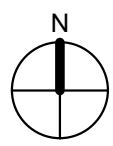
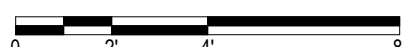
EQUIPMENT SCHEDULE						
MARK	EQUIPMENT TYPE	MANUFACTURER	MODEL	FINISH	Count	NOTES
F-01	FAUCET	KOHLER Co.	K-22972-CP	POLISHED CHROME	1	
GD-01	DISPOSAL	INSINKERATOR	BADGER 5		1	
HWD-01	HOT WATER DISPENSER	INSINKERATOR	F-4330	POLISHED CHROME	1	
MW-01	MICROWAVE	GE	JEM3072SHS	STAINLESS STEEL	4	
PTD-01	PAPER TOWEL DISPENSER	N/A	N/A	N/A	1	RELOCATE EXISTING
REFR-01	REFRIGERATOR	WHIRLPOOL	WHR33SDHM	STAINLESS STEEL	2	
S-01	SINK	ELKAY	ECT9RA02526TBG5	STAINLESS STEEL	1	
SD-01	SOAP DISPENSER	SCOTT ESSENTIAL	KC CASSETTE SOAP DISPENSER, 9245	BLACK	1	MOUNTING HEIGHT TO BE ADA COMPLIANT
TV-01	TELEVISION	(E)	(E)	(E)	1	(E) RELOCATED TV; OFCI
V-1	VENDING MACHINE	(E)	(E)	(E)	2	(E) RELOCATED VENDING MACHINES; OFCI
WR-01	WASTE RECEPTACLE	CONTINENTAL	25GY SWINGLINE 25 GALLON SQUARE TRASH CAN	BLACK	1	16.5" SQ. X 26.78" H

EQUIPMENT SCHEDULE

M-FORM	EQUIPMENT TYPE	MANUFACTURER	MODEL	FINISH	Count	NOTES
FAUCET		KOHLER Co.	K-22972-CP	POLISHED CHROME	1	
HW-01	DISPOSAL	INSINKERATOR	BADGER 5		1	
GMD-01	HOT WATER DISPENSER	INSINKERATOR	F-4330	POLISHED CHROME	1	
MW-01	MICROWAVE	GE	JEM3072SHSS	STAINLESS STEEL	4	
PTD-01	PAPER TOWEL DISPENSER	N/A	N/A	N/A	1	RELOCATE EXISTING
REFR-01	REFRIGERATOR	WHIRLPOOL	WRS33SSDHM	STAINLESS STEEL	2	
S-01	SINK	ELKAY	ECT9RAD262BTBG6	STAINLESS STEEL	1	
SD-01	SOAP DISPENSER	SCOTT ESSENTIAL	KC CASSETTE SOAP DISPENSER, 92145	BLACK	1	MOUNTING HEIGHT TO BE ADA COMPLIANT
TV-01	TELEVISION	(E)	(E)	(E)	1	(E) RELOCATED TV, OFCI
V-1	VENDING MACHINE	(E)	(E)	(E)	2	(E) RELOCATED VENDING MACHINES, OFCI
WR-01	WASTE RECEPTACLE	CONTINENTAL	25GY SWINGLINE 25 GALLON SQUARE TRASH CAN	BLACK	1	16.5" SQ. X 26.78" H

FLOOR PLAN

$1/4'' = 1'-0''$



BASEMENT LEVEL KEY PLAN

CU ANSCHUTZ MEDICAL CAMPUS
DENTAL SCHOOL LOUNGE RENOVATION

13065 East 17th Avenue, Aurora, CO 80045

History	Date
△ ISSUE FOR CONSTRUCTION	11.03.2023

DATE: 11.03.2023
PROJECT #: 2022.101

DRAWN BY: DM, NS
DESIGNED BY: AG
CHECKED BY: JG

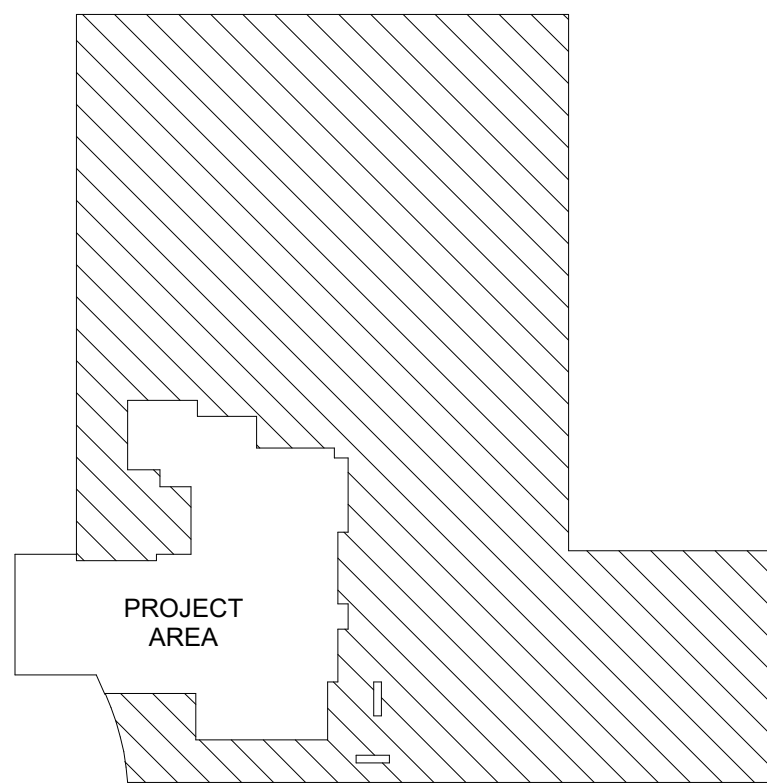
FLOOR PLAN

A-101











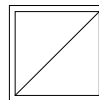
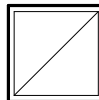
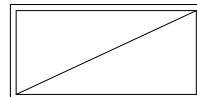
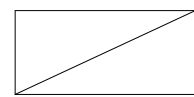
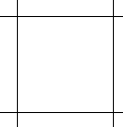
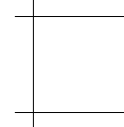


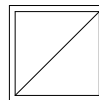
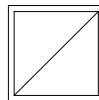


REFLECTED CEILING PLAN

1/4" = 1'-0"



BASEMENT LEVEL KEY PLAN

RCP LEGEND

- | EXISTING | | NEW CONSTRUCTION |
|---|--|---|
|  | OVERHEAD OR WALL MOUNTED EMERGENCY EXIT SIGN WITH TRAVEL DIRECTION INDICATOR, RECESSED, ELECTRICAL |  |
|  | RECESSED CAN LIGHT, RECESSED, ELECTRICAL |  |
|  | SUSPENDED SPOTLIGHT, RECESSED, ELECTRICAL |  |
|  | PENDANT MOUNTED LINEAR LIGHT FIXTURE, RECESSED, ELECTRICAL |  |
|  | 2X2 LIGHT FIXTURE, RECESSED, ELECTRICAL |  |
|  | 2X4 LIGHT FIXTURE, RECESSED, ELECTRICAL |  |
|  | 2X2 ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM |  |
|  | 2X4 ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM |  |
|  | EXHAUST, MECHANICAL |  |
|  | SUPPLY, MECHANICAL |  |

1. (E) SKYLIGHT TO REMAIN
2. (N) GYP BOARD SOFFIT WITH (N) LIGHTING. FINISH TO BE FLUSH TO ADJACENT SOFFIT FINISH
3. (E) ACT CEILING 'CLOUD' WITH (E) LIGHTING. PROTECT IN PLACE
4. SOFFIT TO BE PAINTED P-4, RE: FINISH PLAN
5. SOFFIT TO BE PAINTED P-2, RE: FINISH PLAN

10920 W. ALAMEDA AVE, SUITE 100
LAKEWOOD, COLORADO 80226
720.502.4156

CU ANSCHUTZ MEDICAL CAMPUS
DENTAL SCHOOL LOUNGE RENOVATION

13065 East 17th Avenue, Aurora, CO 80045

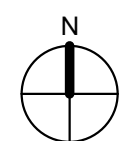
History	Date
△ ISSUE FOR CONSTRUCTION	11.03.202

DATE: 11.03.2023
PROJECT #: 2022.101

DRAWN BY: DM
DESIGNED BY: AG
CHECKED BY: JG

REFLECTED CEILING
PLAN

A-111



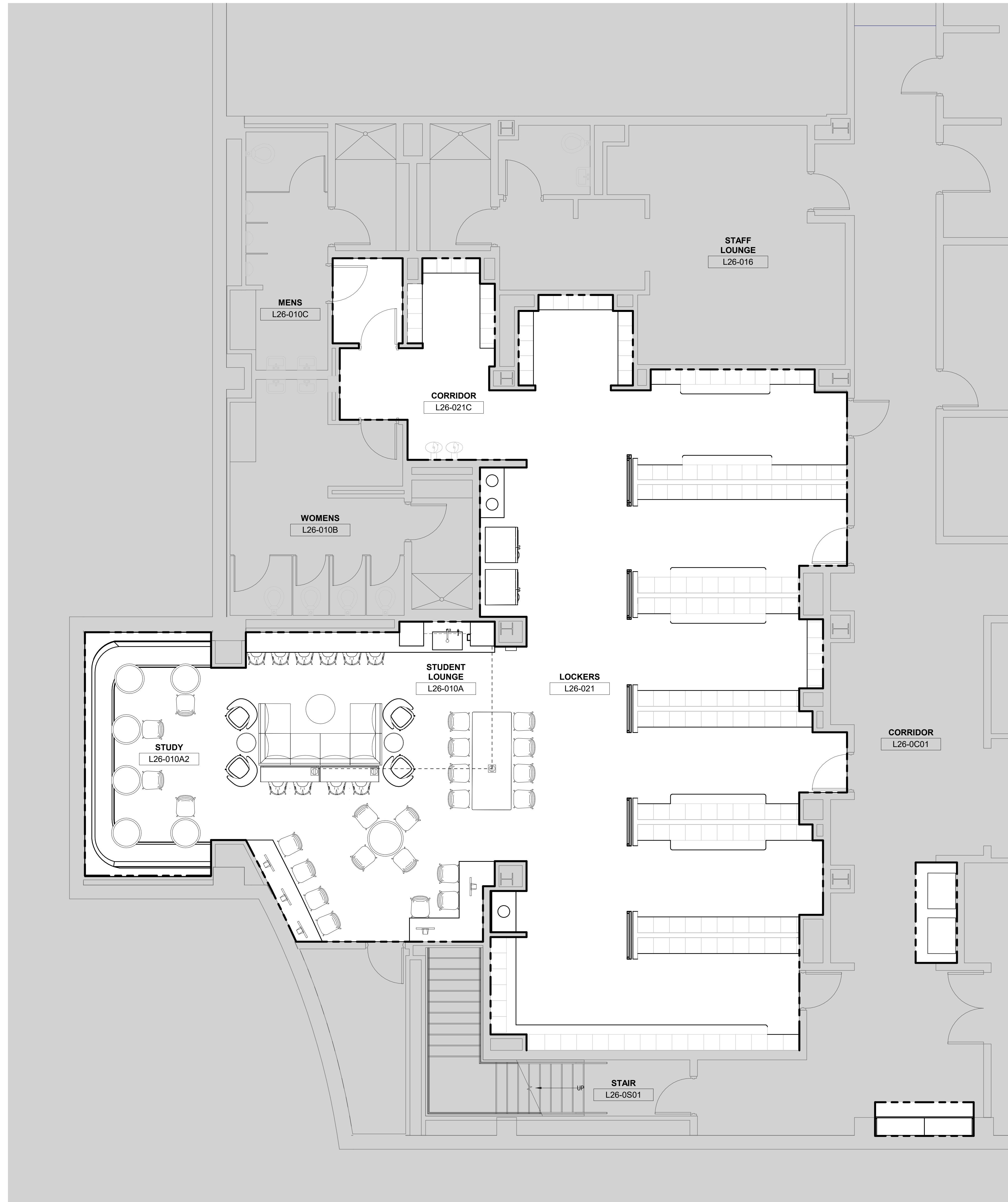
A-120

13065 East 17th Avenue, Aurora, CO 80045

DATE:	11.03.2023
PROJECT #:	2022.101
DRAWN BY:	DM, NS
DESIGNED BY:	AG, NS
CHECKED BY:	JG

FURNITURE PLAN

A-130

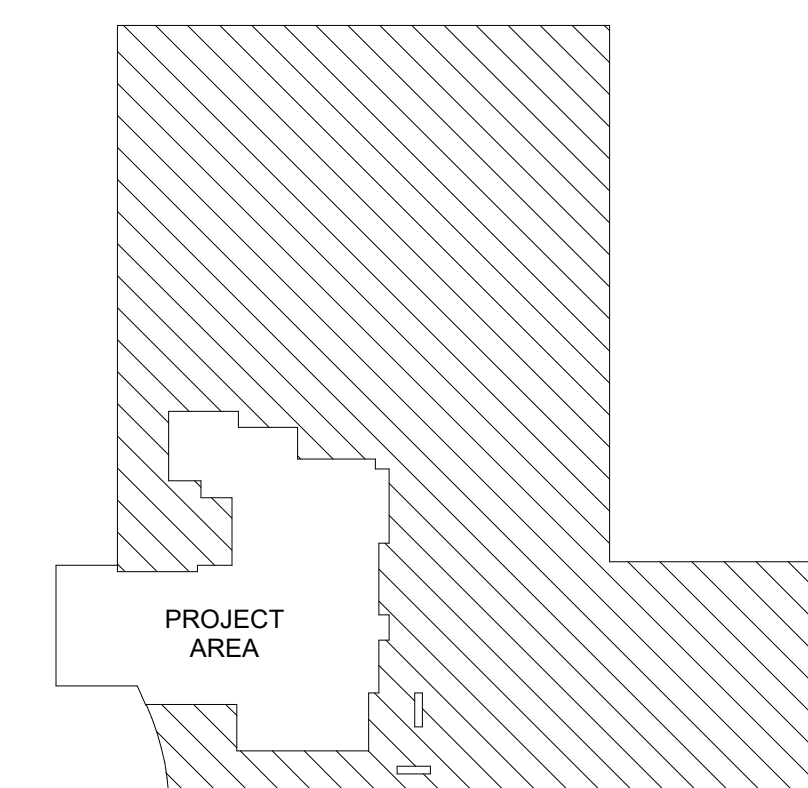
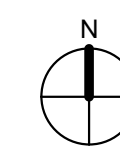


1 FURNITURE PLAN

1/4" = 1'-0"

0 2 4'

FOR REFERENCE ONLY

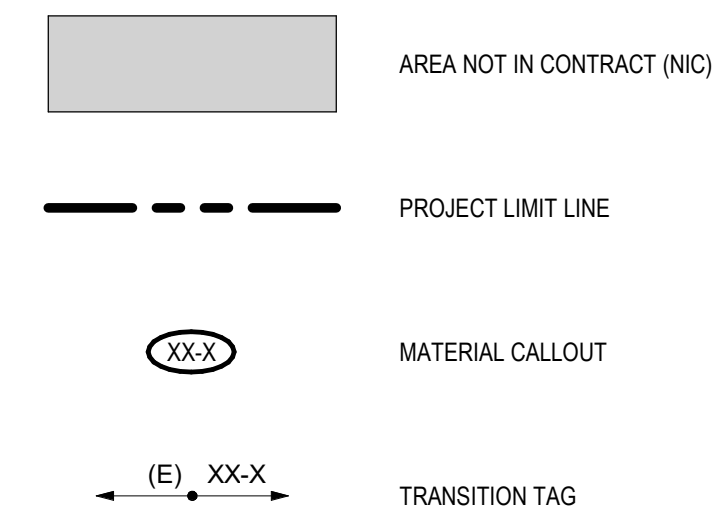


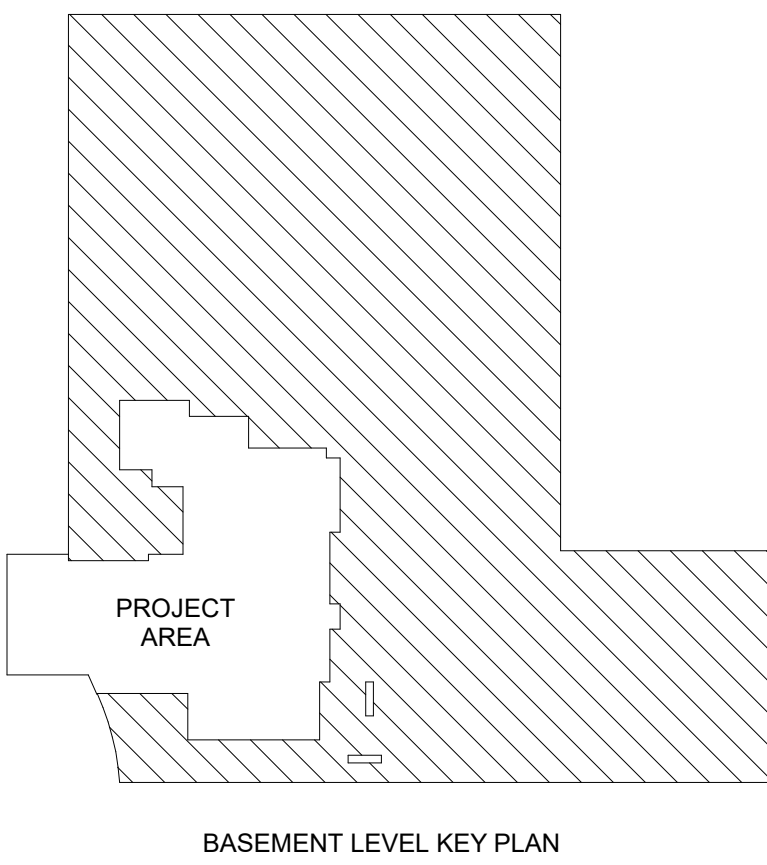
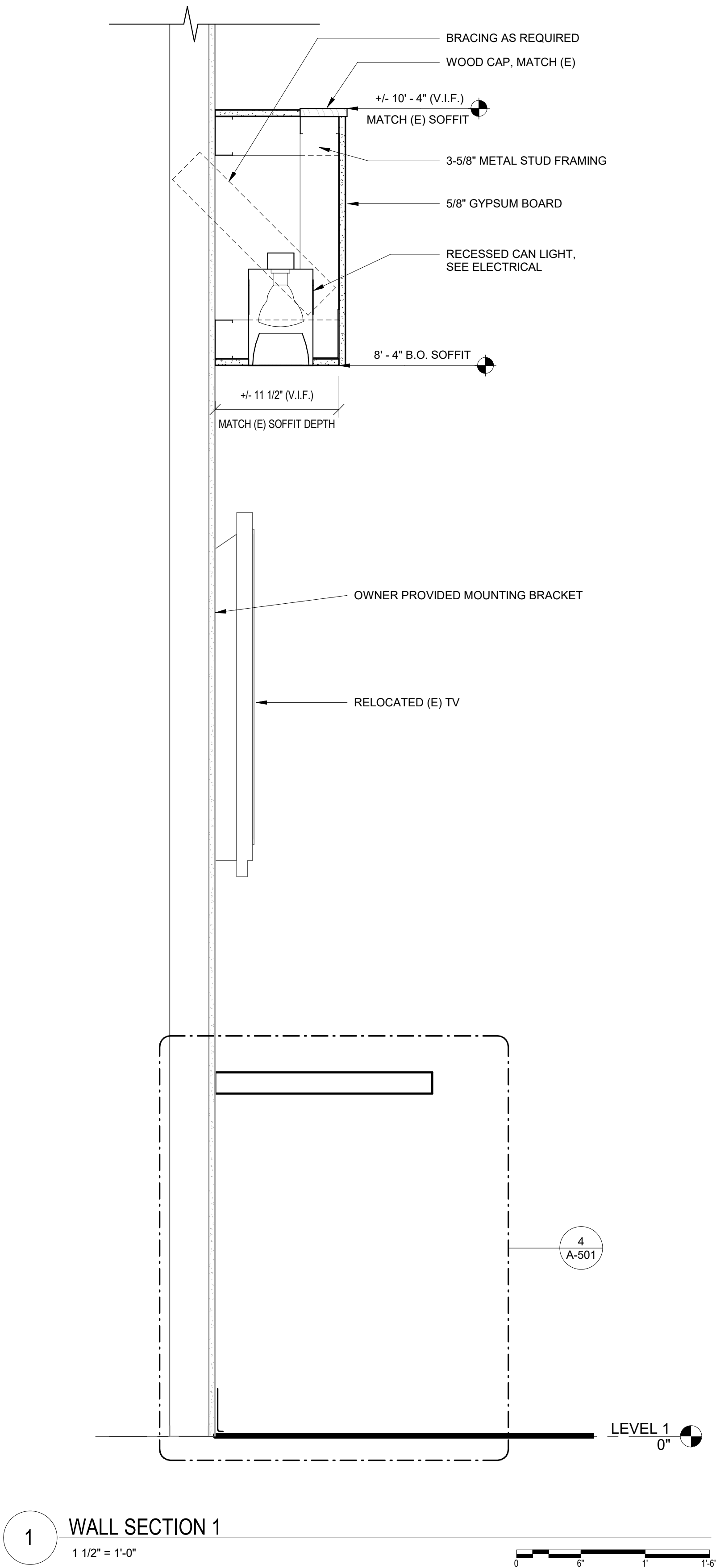
BASEMENT LEVEL KEY PLAN

GENERAL FURNITURE NOTES

1. PHONES AND COMPUTERS WILL BE MOVED BY OWNER PROVIDED TELECOM GROUP.
2. ALL FURNITURE AND EQUIPMENT SHOWN IS FOR REFERENCE ONLY.
3. ALL FURNITURE AND EQUIPMENT TO BE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR.

FURNITURE PLAN LEGEND





CU ANSCHUTZ MEDICAL CAMPUS
DENTAL SCHOOL LOUNGE RENOVATION
13065 East 17th Avenue, Aurora, CO 80045

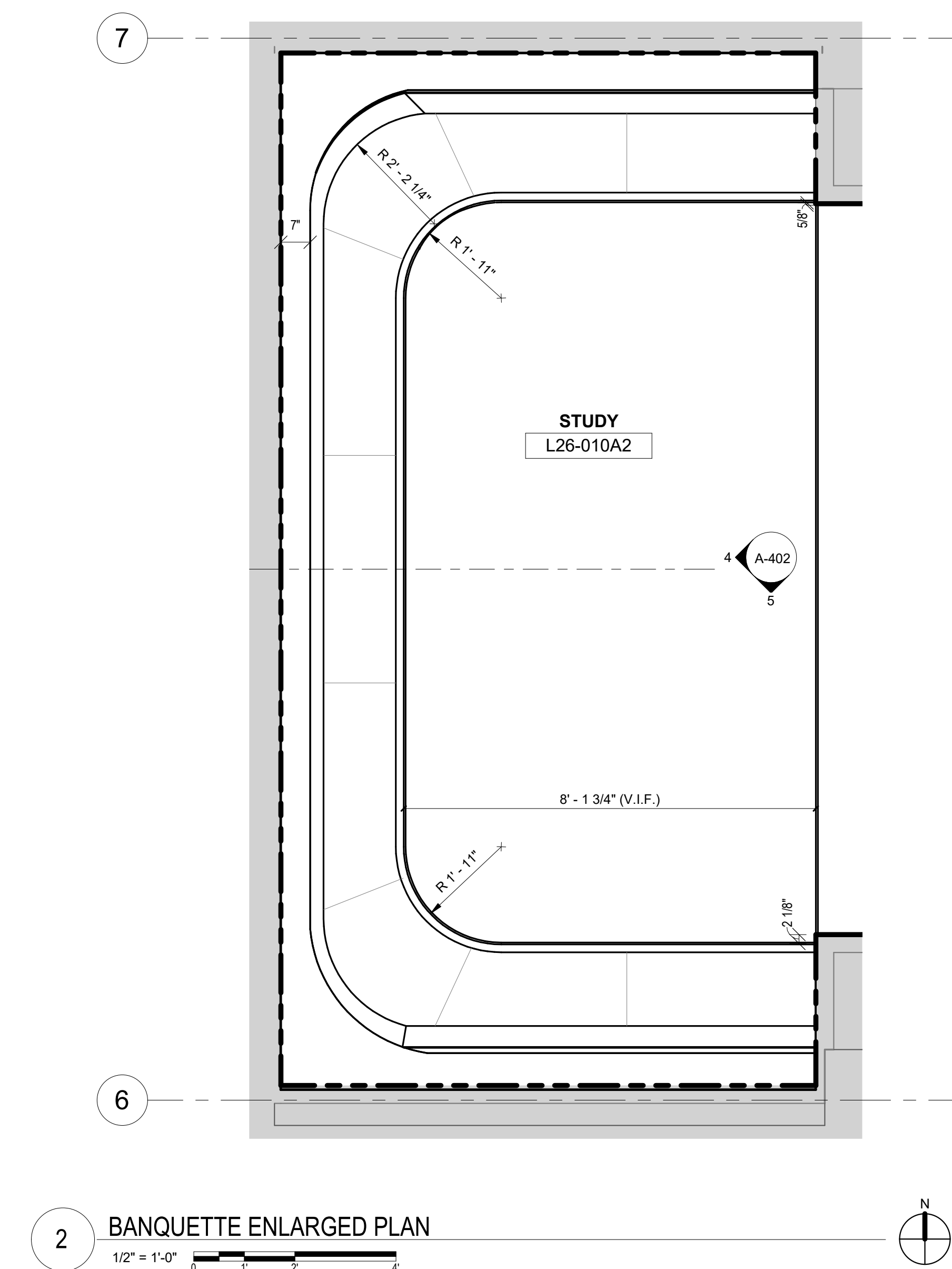
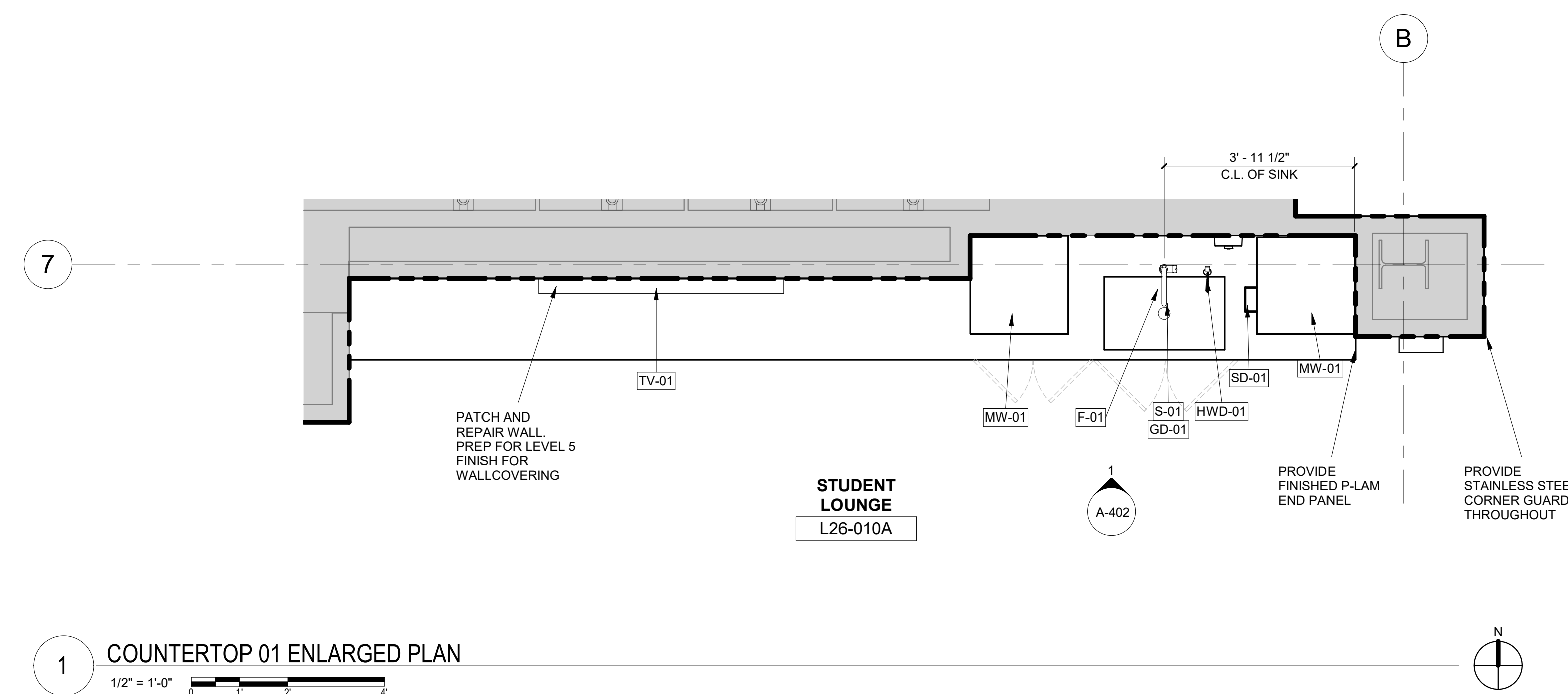
History	Date
△ ISSUE FOR CONSTRUCTION	11.03.2023
DATE:	11.03.2023
PROJECT #:	2022.101
DRAWN BY:	DM
DESIGNED BY:	AG, NS
CHECKED BY:	JG

WALL SECTIONS

A-310

CU ANSCHUTZ MEDICAL CAMPUS
DENTAL SCHOOL LOUNGE RENOVATION
13065 East 17th Avenue, Aurora, CO 80045

EQUIPMENT SCHEDULE						
MARK	EQUIPMENT TYPE	MANUFACTURER	MODEL	FINISH	Count	NOTES
F-01	FAUCET	KOHLER Co.	K-22972-CP	POLISHED CHROME	1	
GD-01	DISPOSAL	INSINKERATOR	BADGER 5		1	
HWD-01	HOT WATER DISPENSER	INSINKERATOR	F-4330	POLISHED CHROME	1	
MW-01	MICROWAVE	GE	JEM3072SHSS	STAINLESS STEEL	4	
PTD-01	PAPER TOWEL DISPENSER	N/A	N/A	N/A	1	RELOCATE EXISTING
REFR-01	REFRIGERATOR	WHIRLPOOL	WR53SSD5HM	STAINLESS STEEL	2	
S-01	SINK	ELKAY	ECTRS42D226TBG5	STAINLESS STEEL	1	
S-D1	SOAP DISPENSER	SCOTT ESSENTIAL	KC CASSETTE SOAP DISPENSER, 52165	BLACK	1	MOUNTING HEIGHT TO BE ADA COMPLIANT
TV-01	TELEVISION	(E)	(E)	(E)	1	(E) RELOCATED TV, OFCI
V-1	VENDING MACHINE	(E)	(E)	(E)	2	(E) RELOCATED VENDING MACHINES, OFCI
WR-01	WASTE RECEPTACLE	CONTINENTAL	250GY SWINGLINE 25 GALLON SQUARE TRASH CAN	BLACK	1	16.5" SQ. X 26" HIG" H

[illegible]

ENLARGED PLANS

A-401

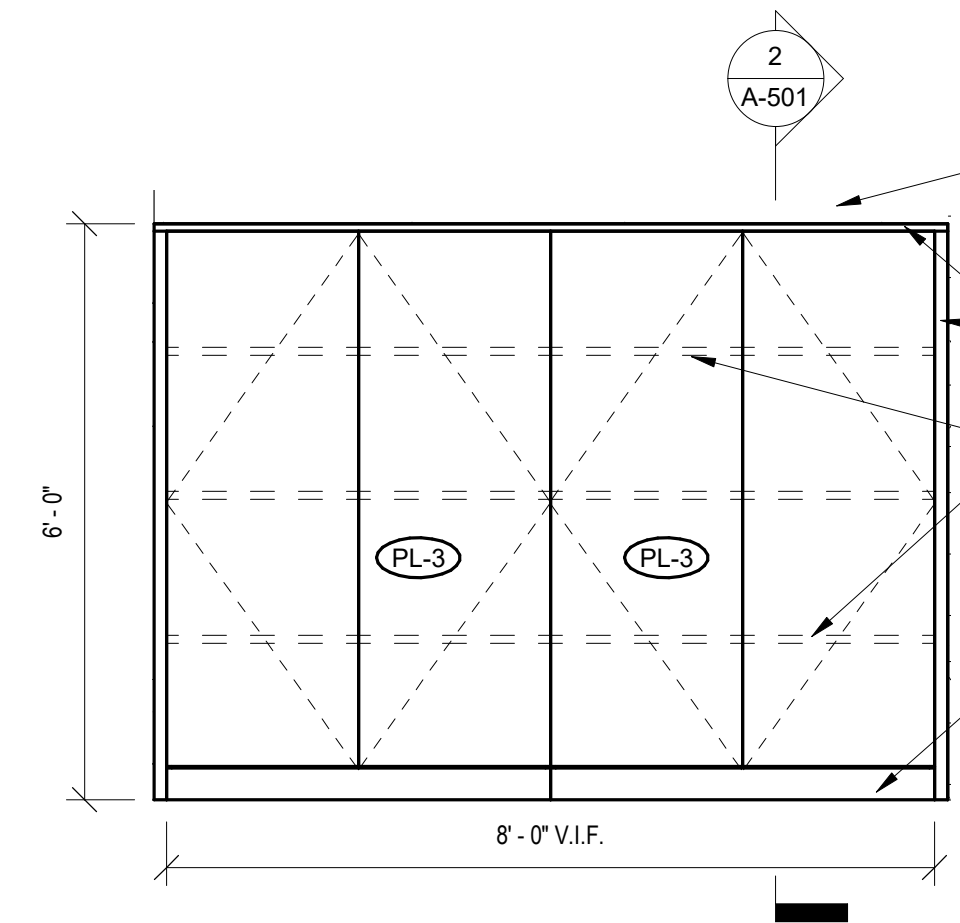
CU ANSCHUTZ MEDICAL CAMPUS
DENTAL SCHOOL LOUNGE RENOVATION
13065 East 17th Avenue, Aurora, CO 80045

History	Date
ISSUE FOR CONSTRUCTION	11.03.2023

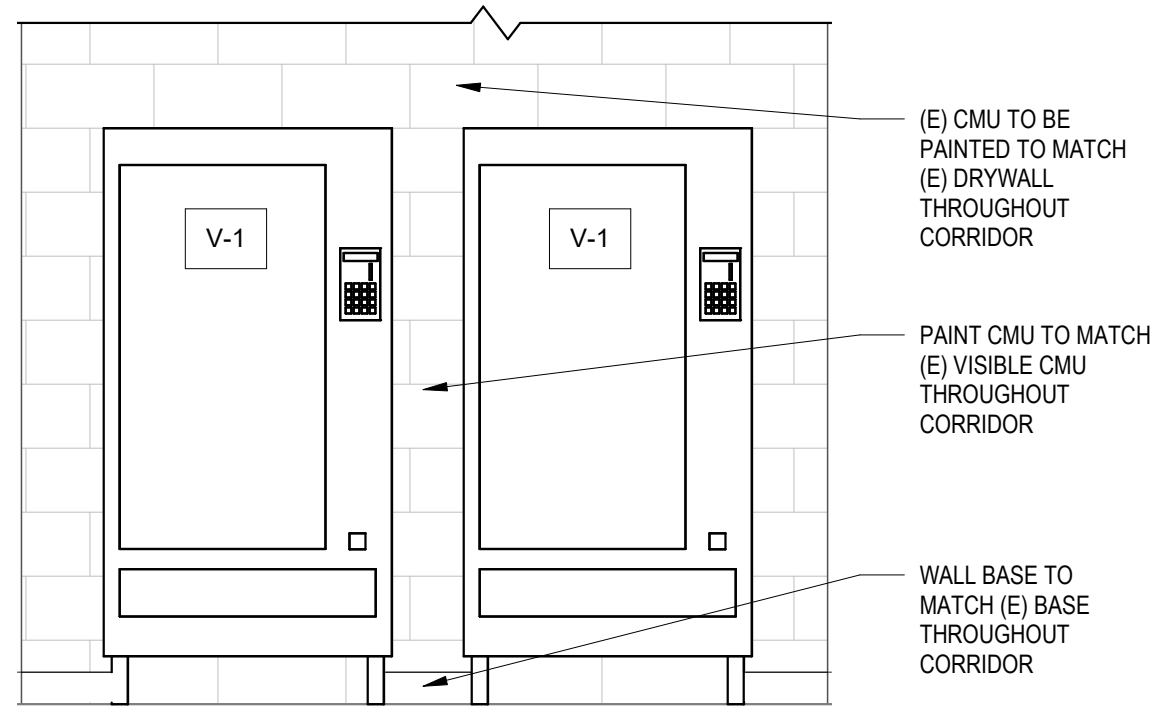
DATE: 11.03.2023
PROJECT #: 2022.101
DRAWN BY: DM, NS
DESIGNED BY: AG, NS
CHECKED BY: JG

INTERIOR
ELEVATIONS

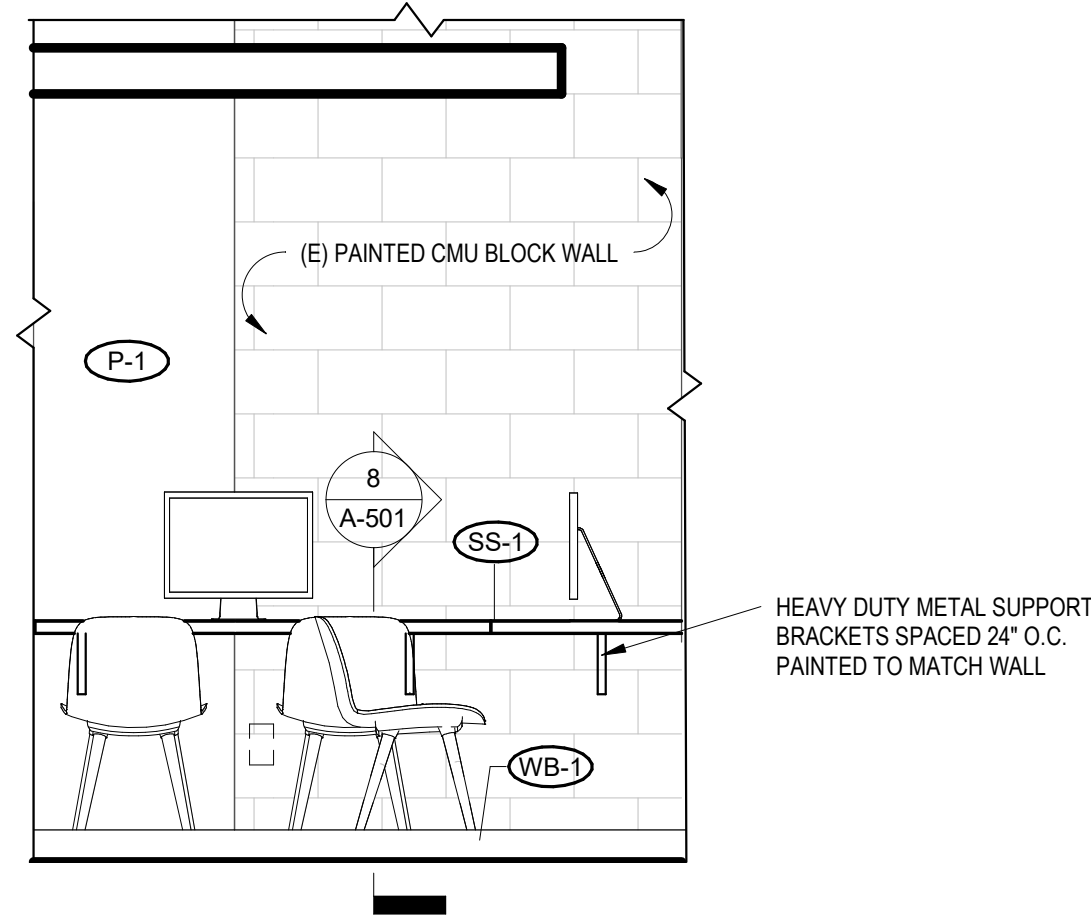
A-402



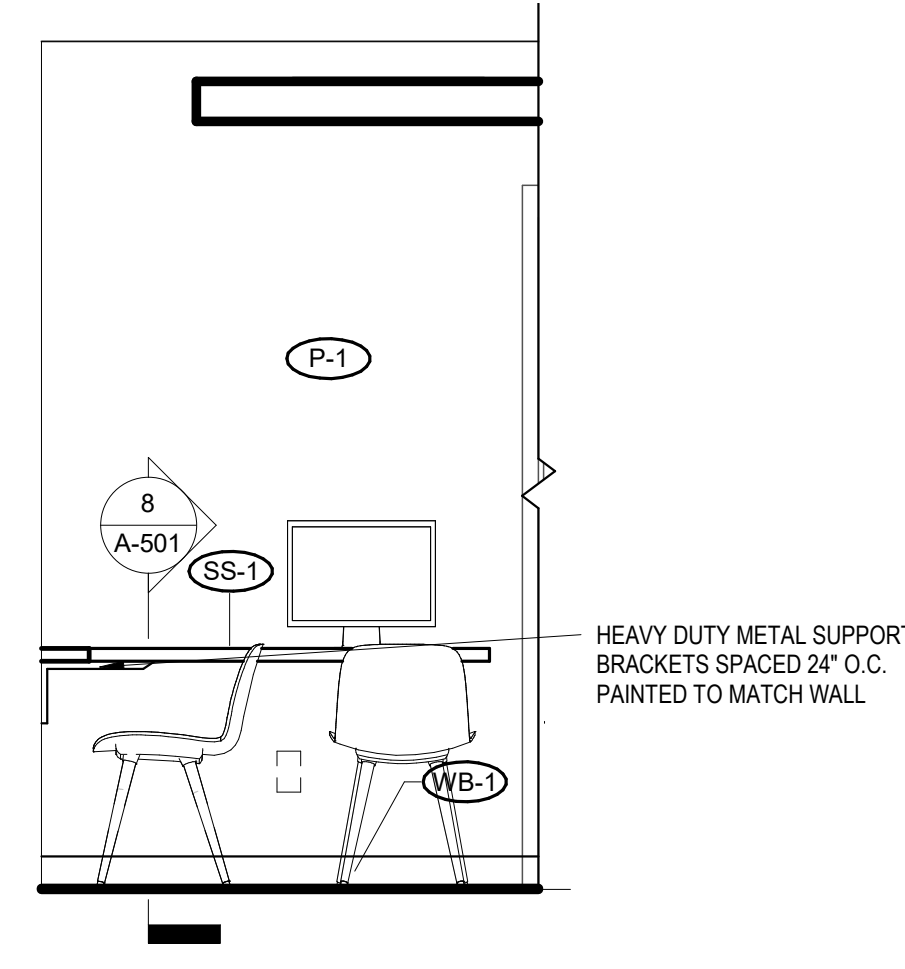
12 CORRIDOR - SOUTH
1/2" = 1'-0"



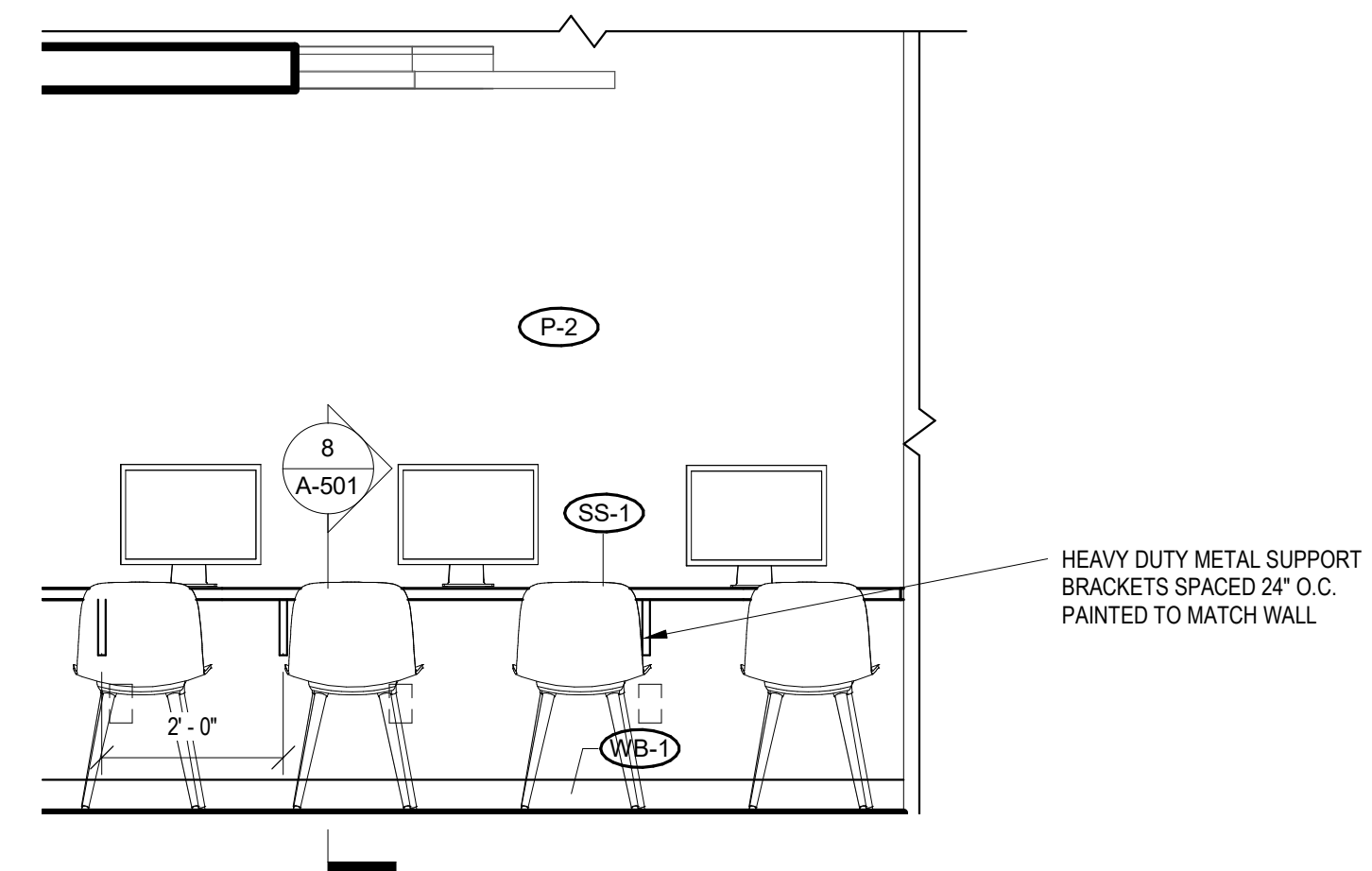
11 CORRIDOR - EAST
1/2" = 1'-0"



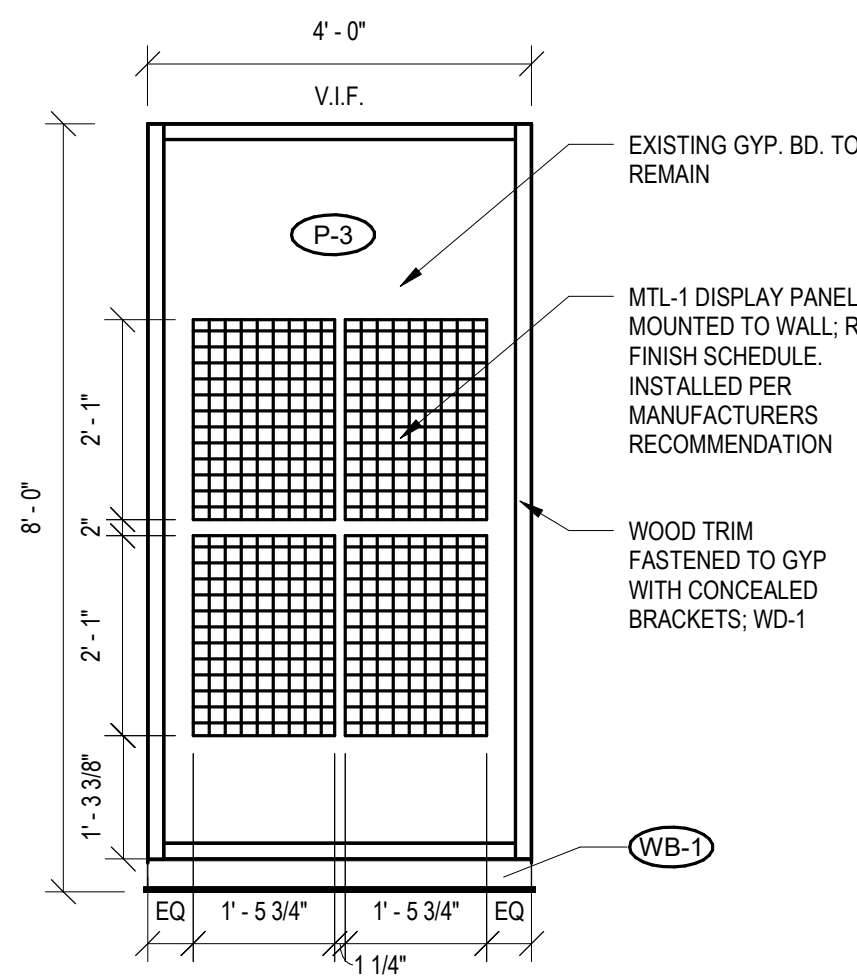
10 WORK AREA EAST ELEVATION
1/2" = 1'-0"



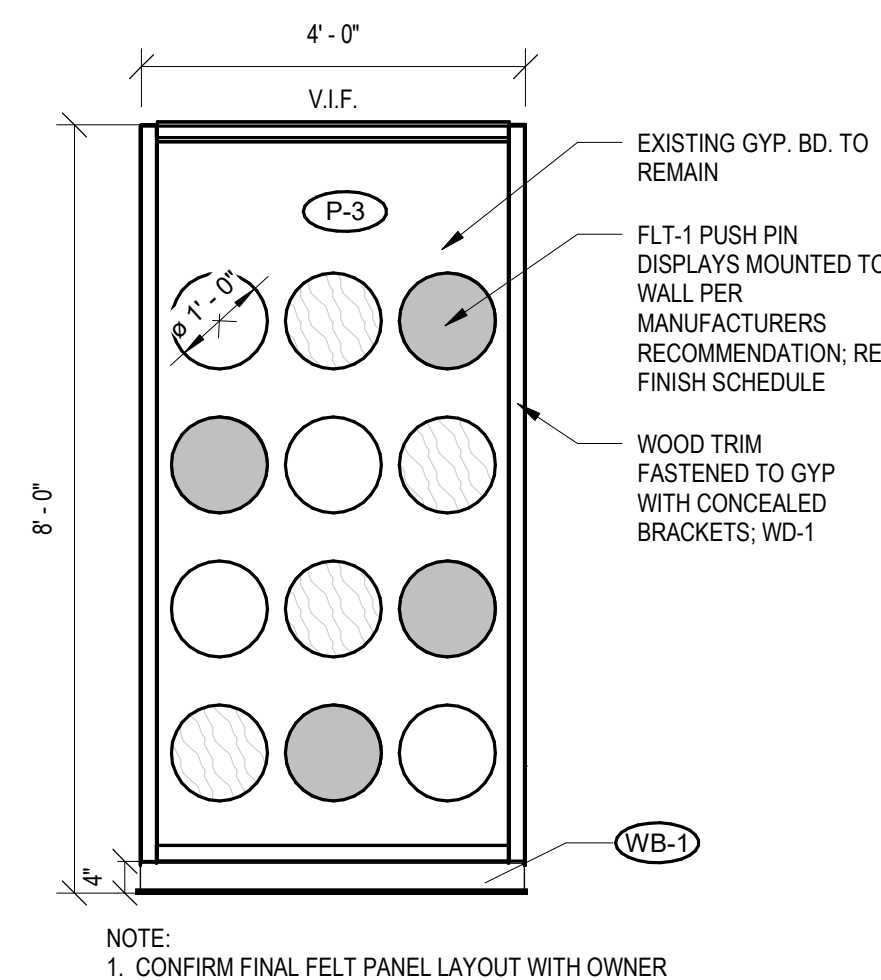
9 WORK AREA SOUTH ELEVATION
1/2" = 1'-0"



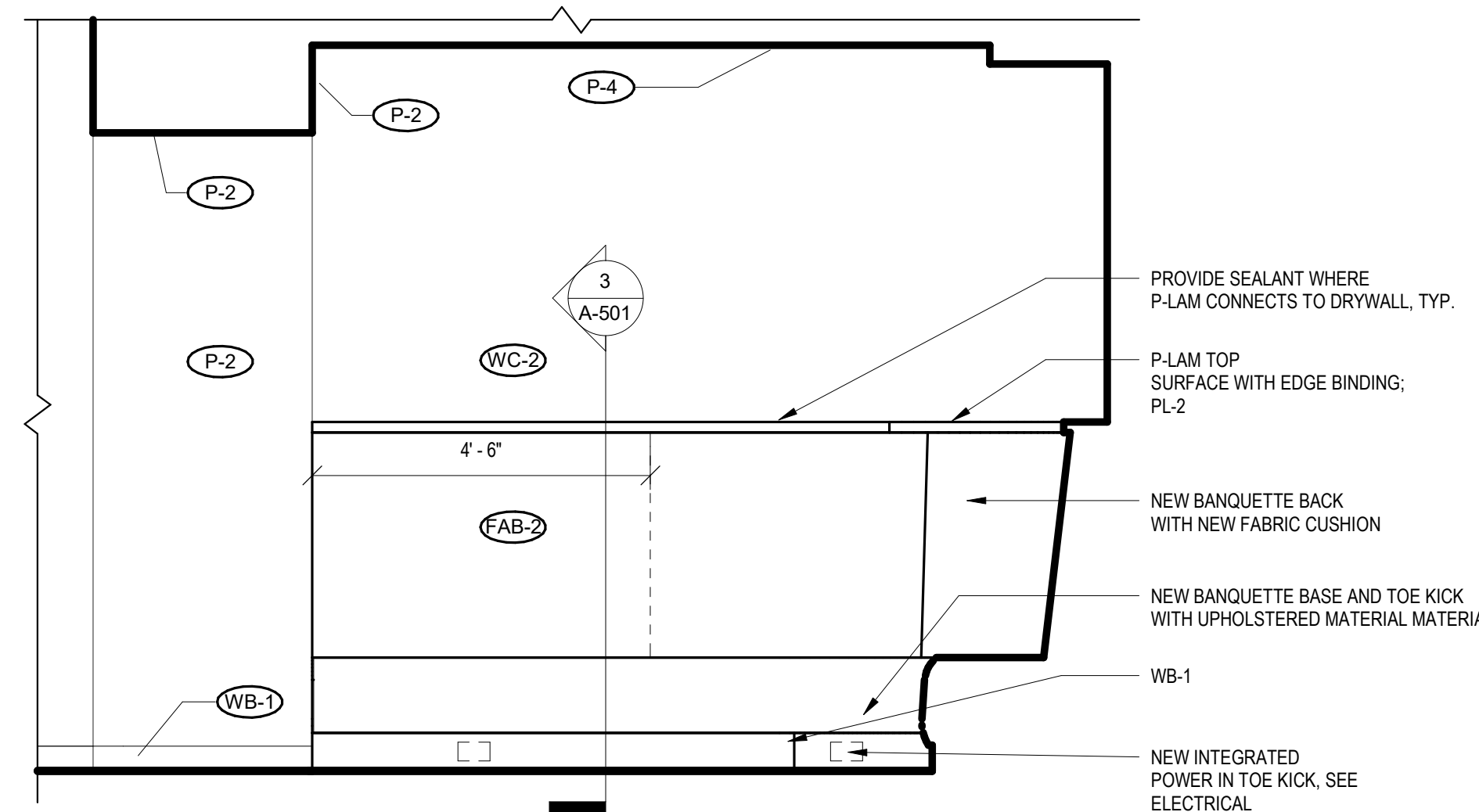
8 WORK AREA WEST ELEVATION
1/2" = 1'-0"



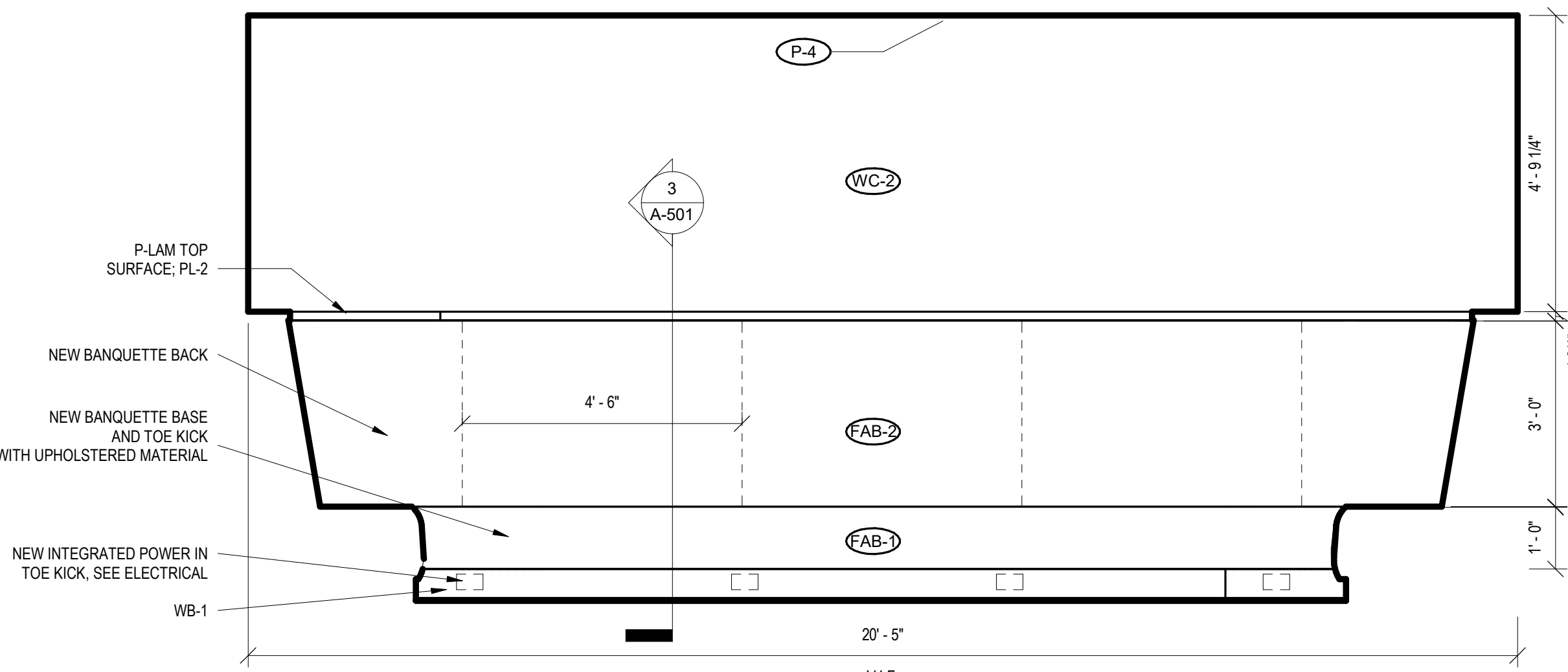
7 LOCKER END CAP DISPLAY
1/2" = 1'-0"



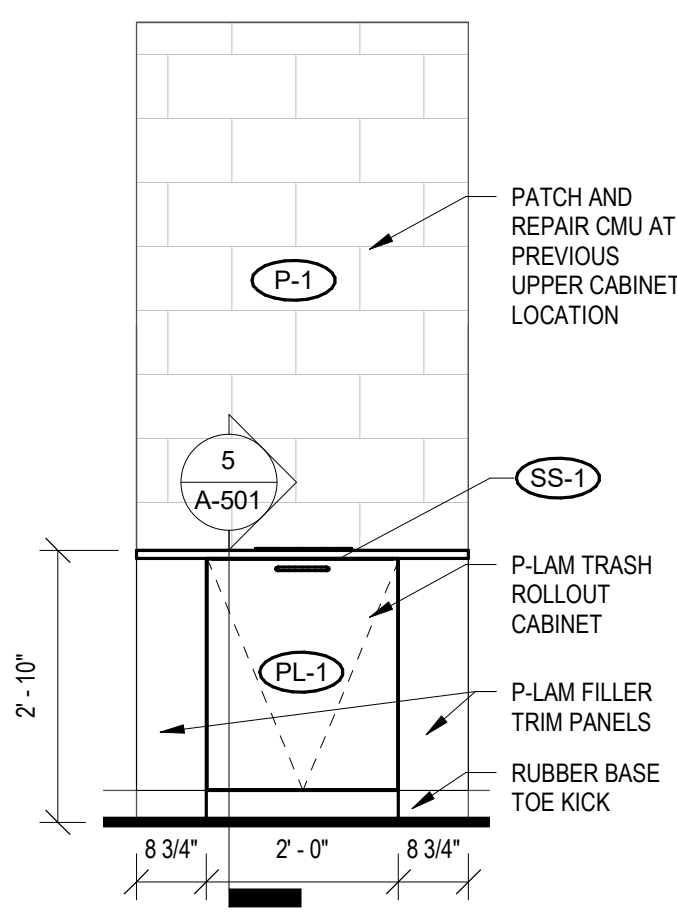
6 LOCKER END CAP DISPLAY VERSION 2
1/2" = 1'-0"



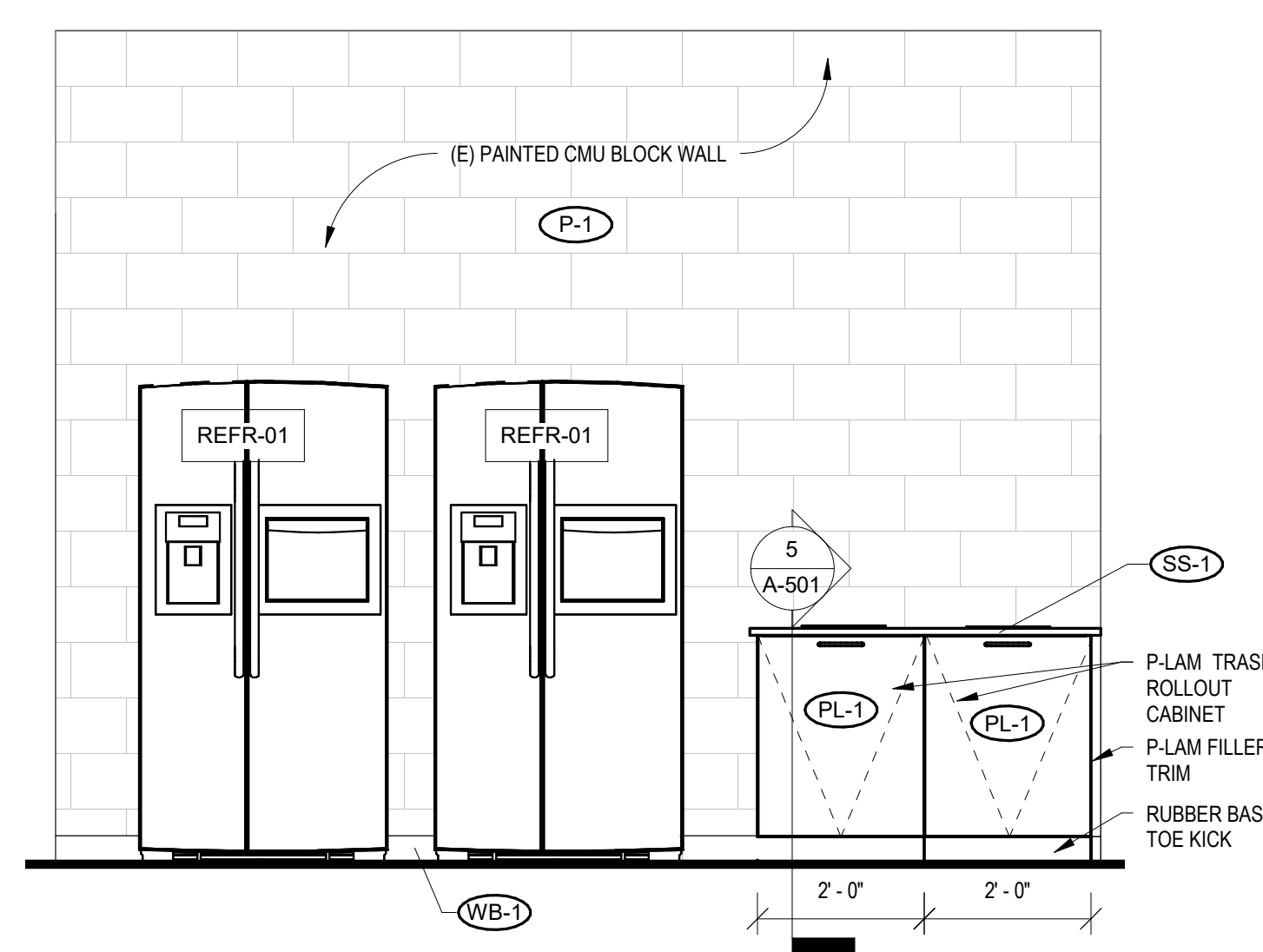
5 STUDY - SOUTH
1/2" = 1'-0"



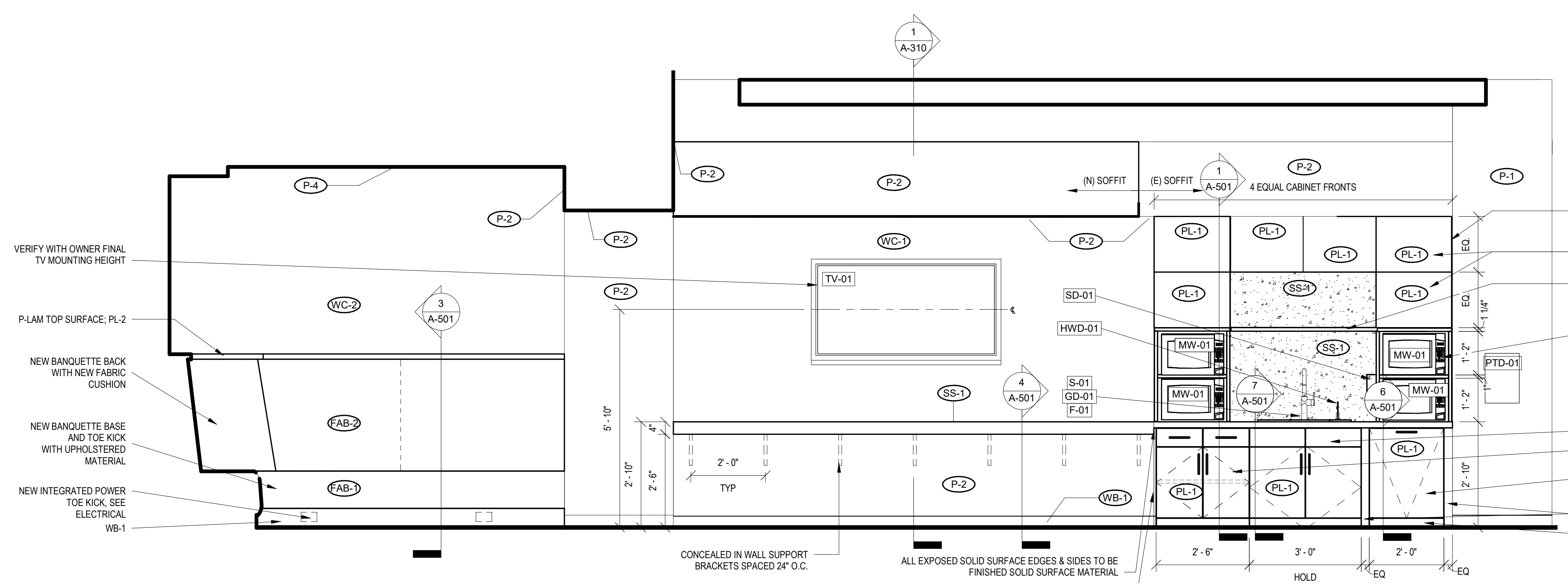
4 STUDY - WEST
1/2" = 1'-0"



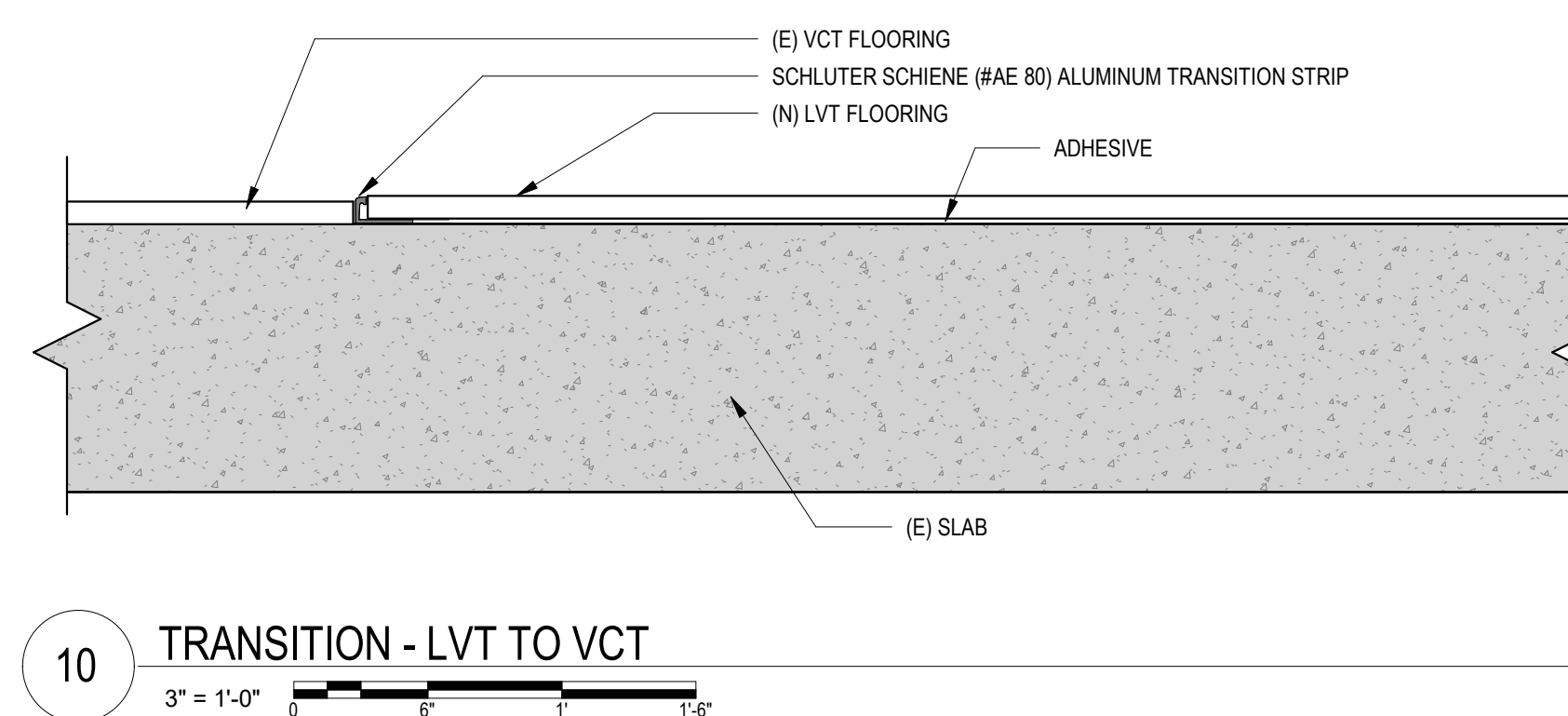
3 LOCKERS - WEST
1/2" = 1'-0"



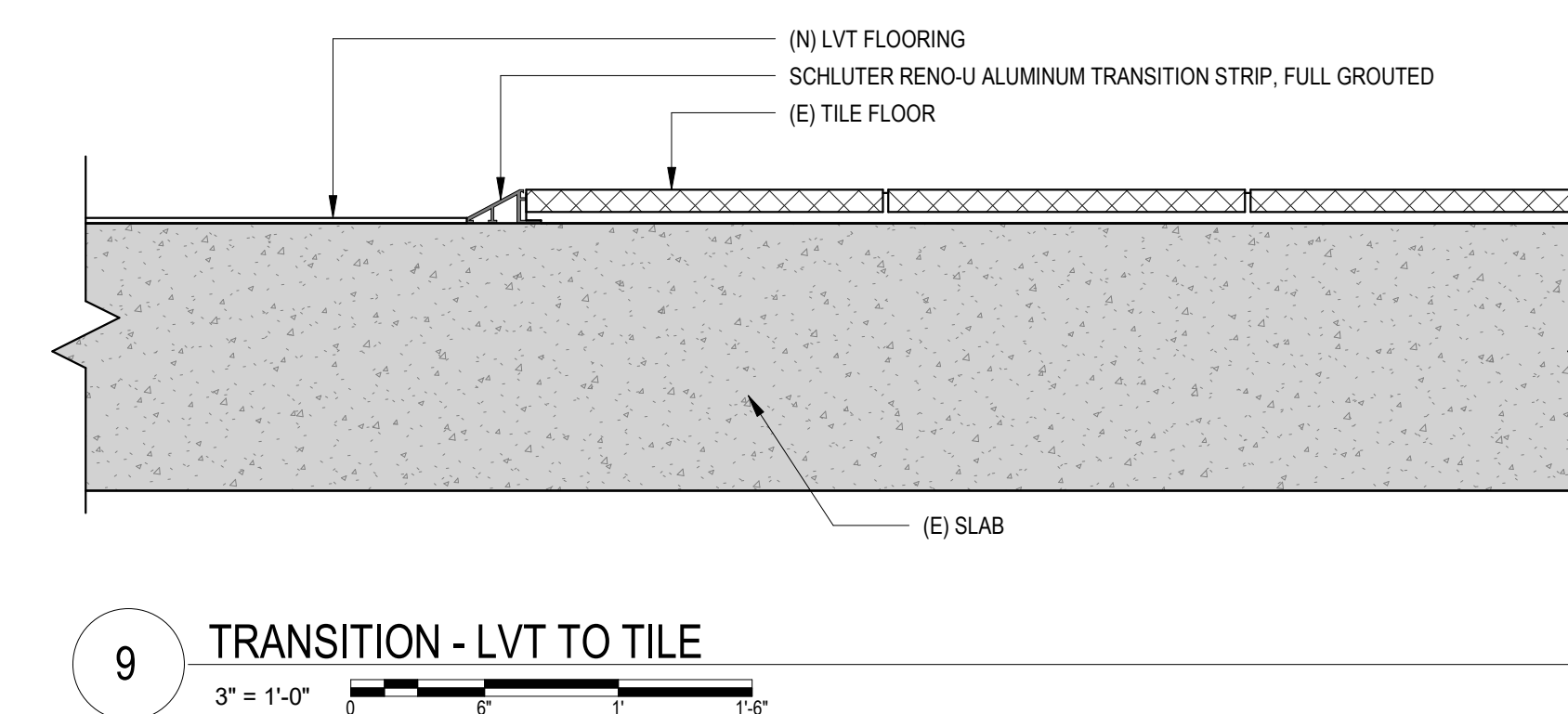
2 LOCKERS - WEST 2
1/2" = 1'-0"



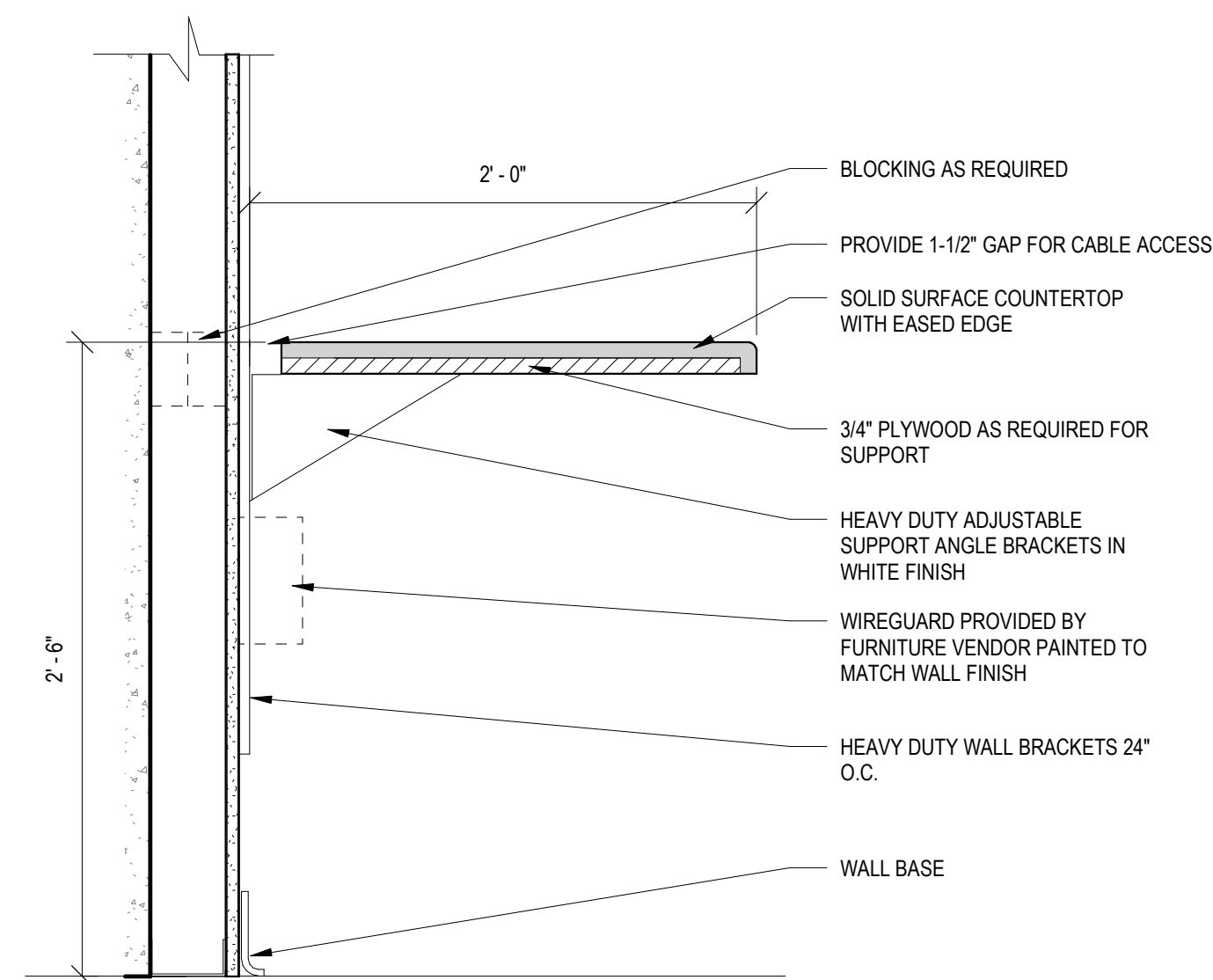
1 LOUNGE & STUDY - NORTH
1/2" = 1'-0"



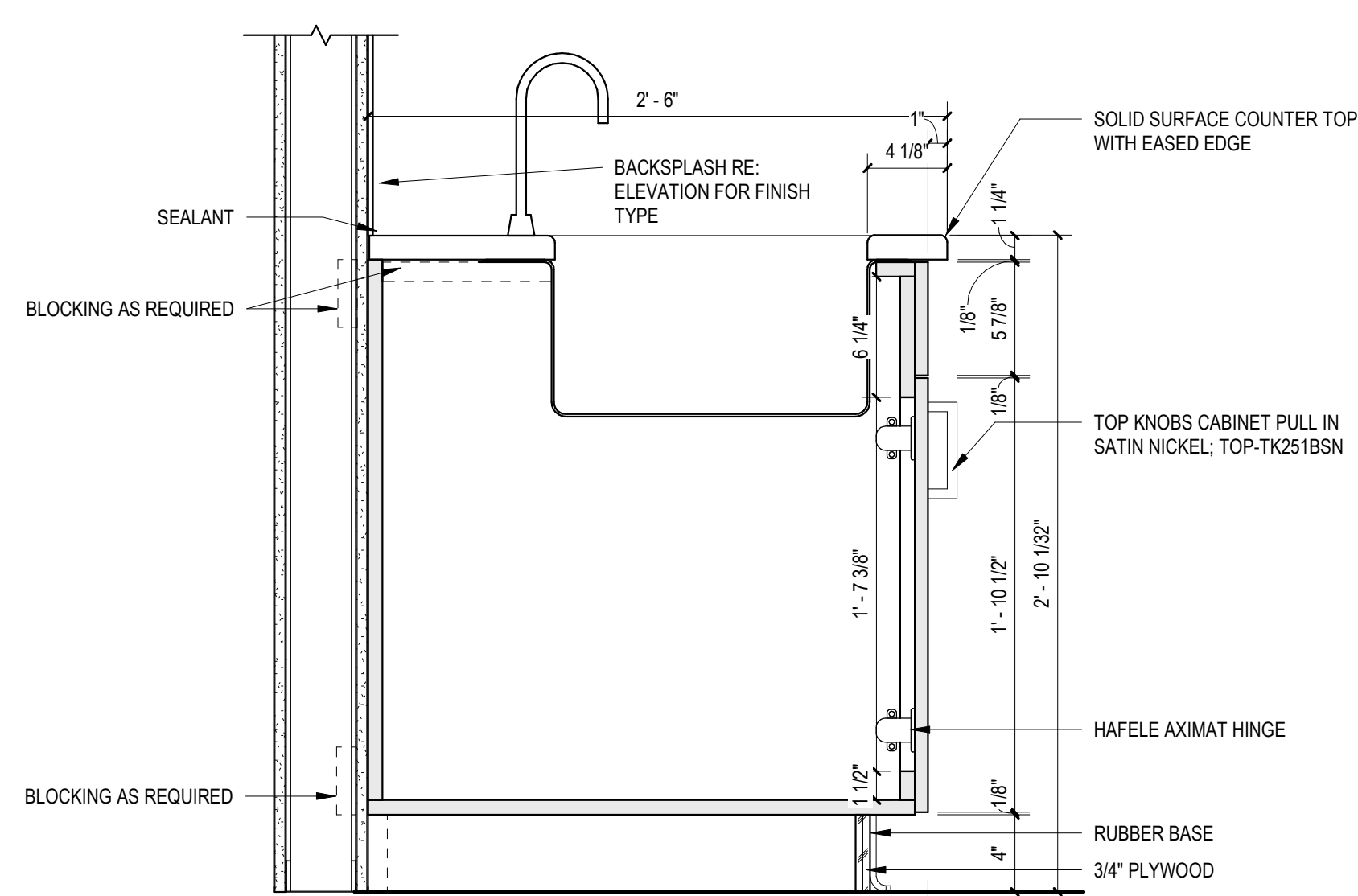
10 TRANSITION - LVT TO VCT



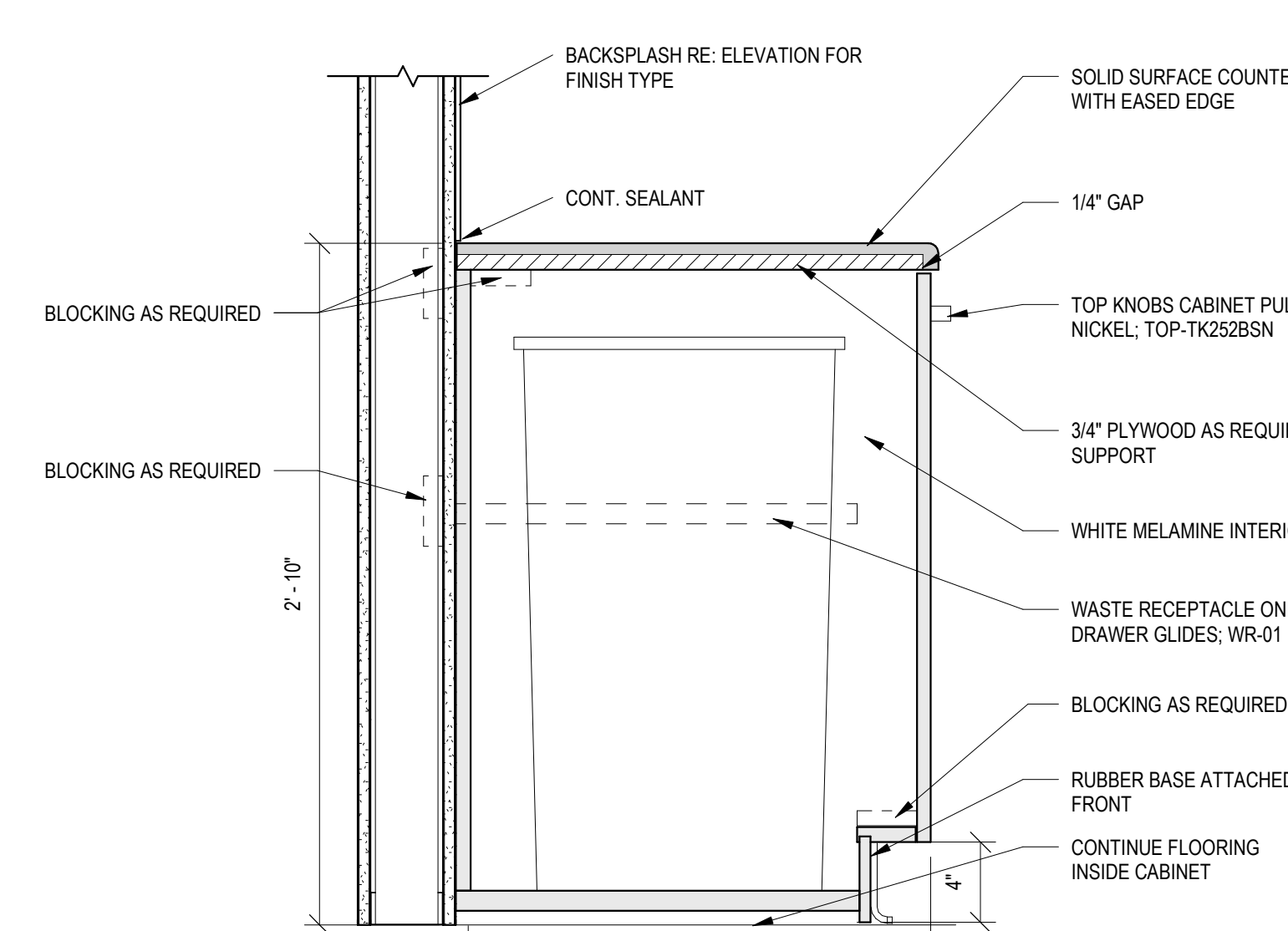
9 TRANSITION - LVT TO TILE



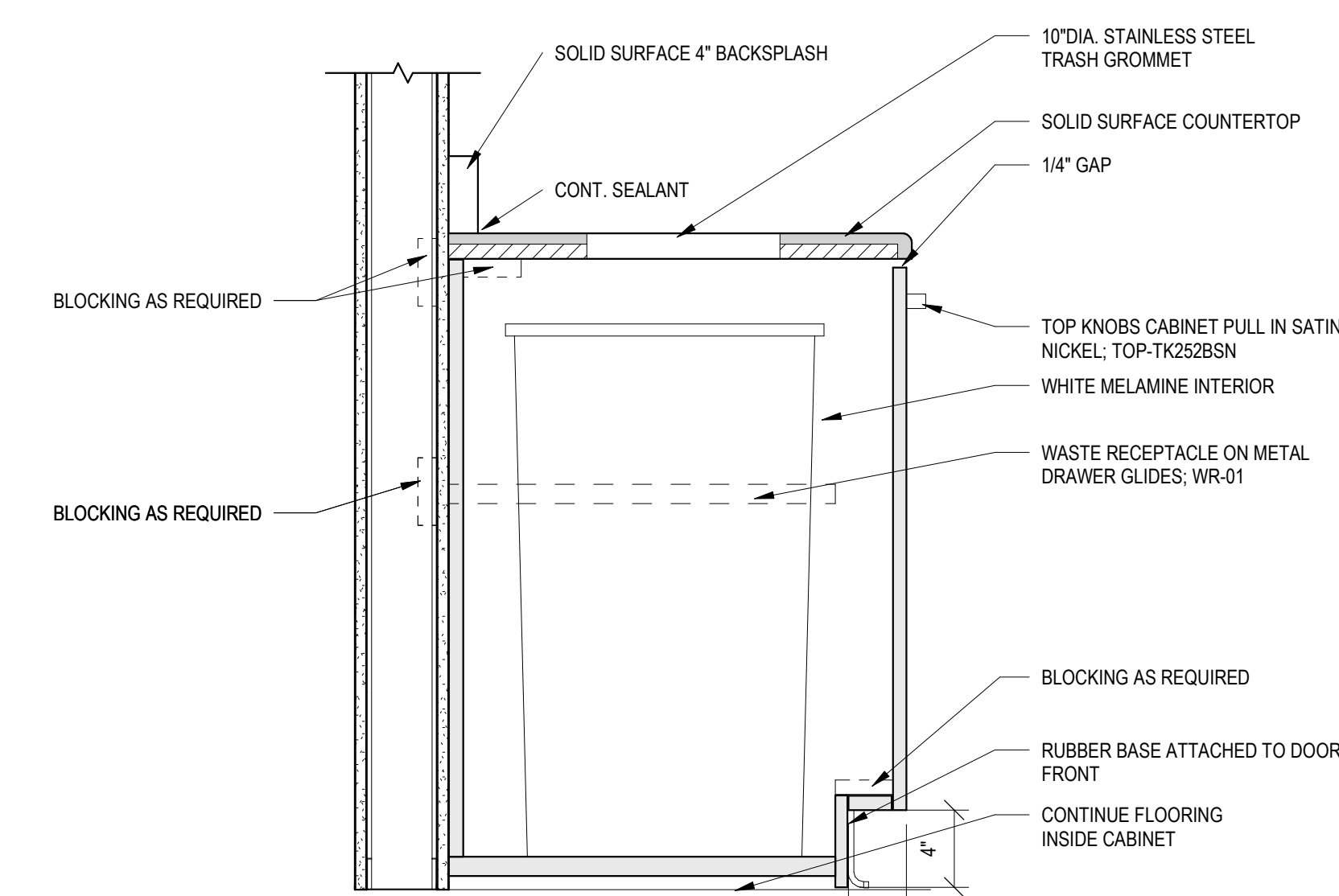
8 DETAIL - COUNTERTOP WITH EXPOSED BRACKETS



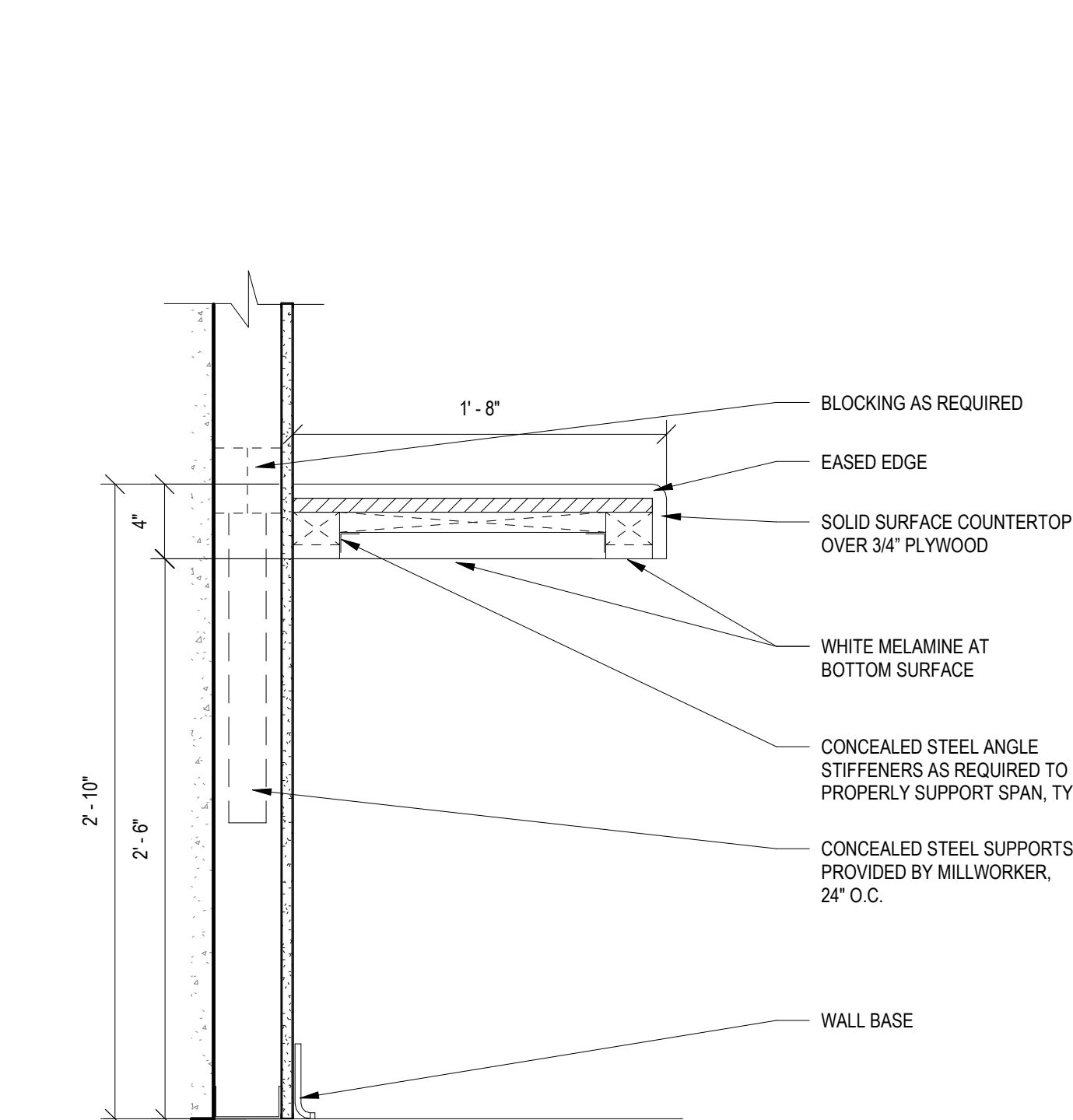
7 DETAIL - SINK CABINET



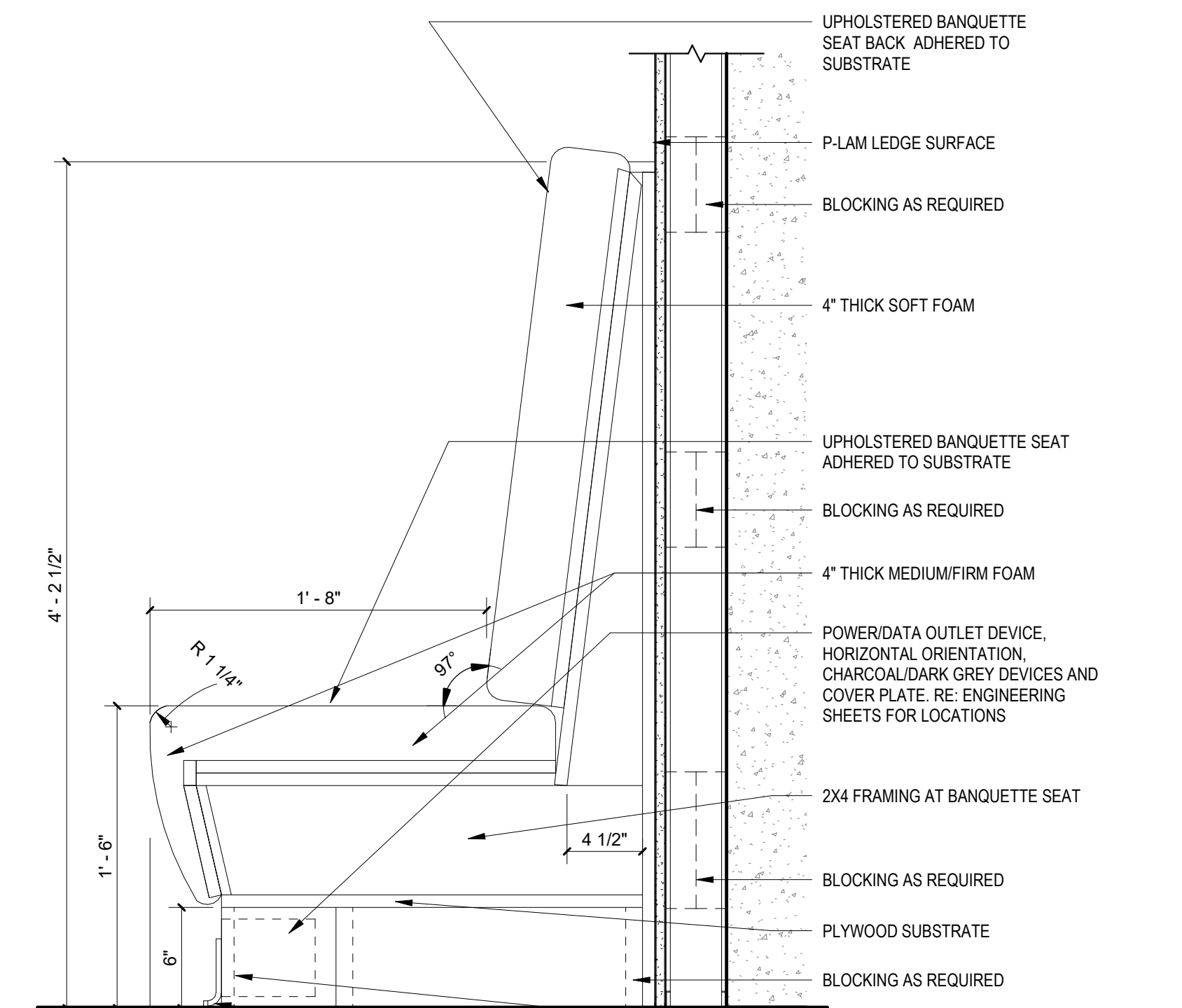
6 DETAIL - TRASH CABINET



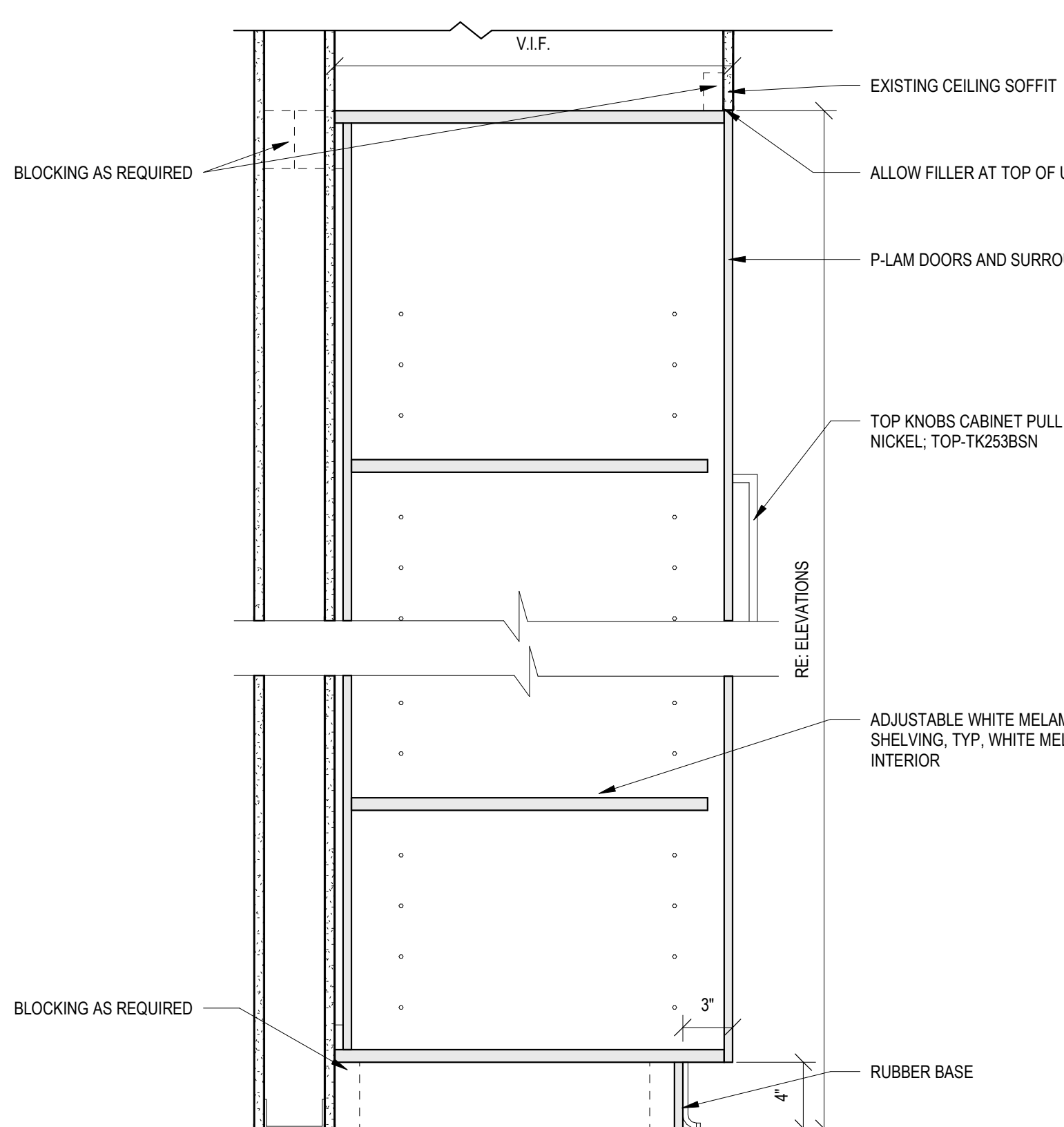
5 DETAIL - TRASH CABINET WITH GROMMET



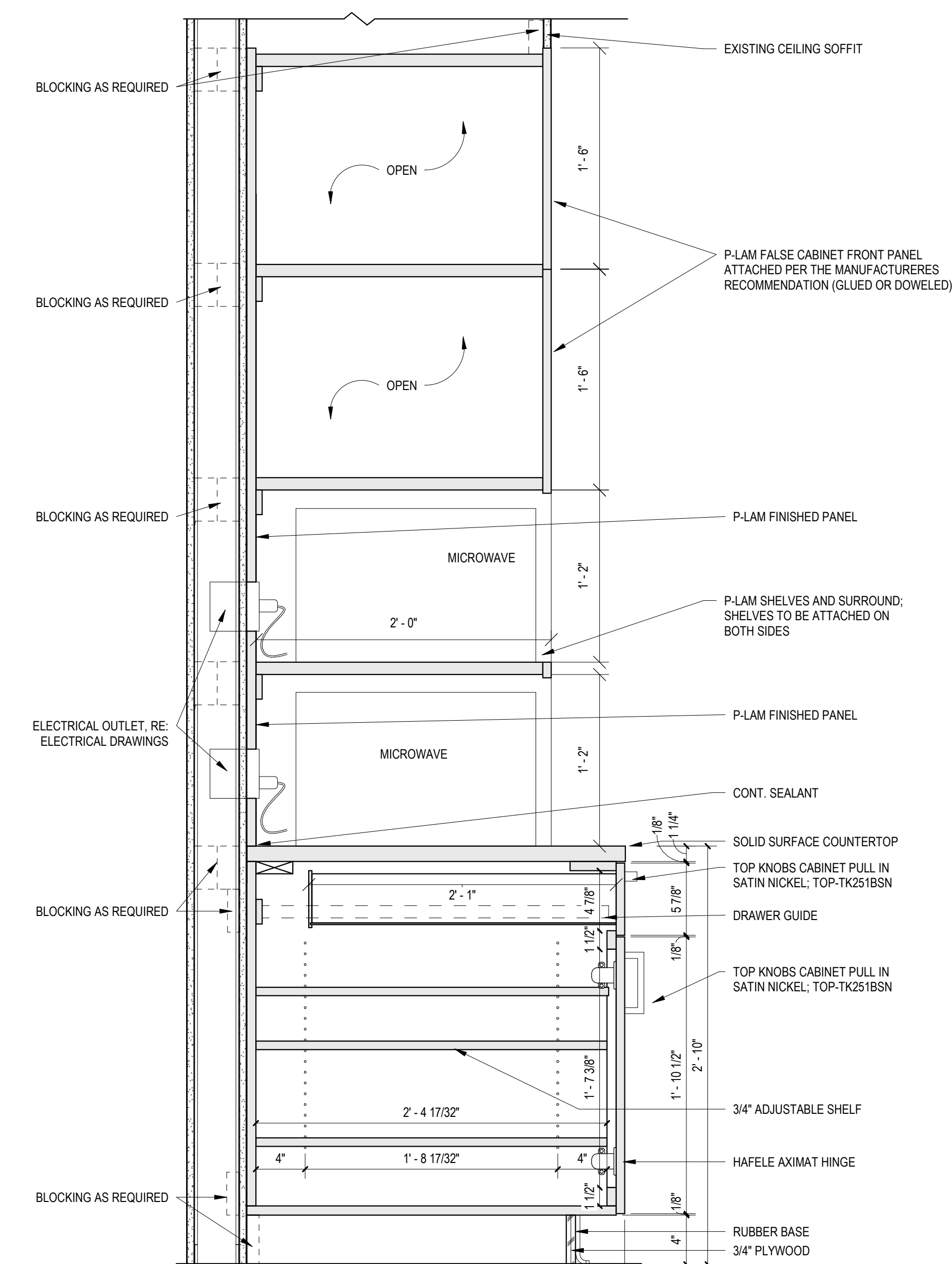
4 DETAIL - FLOATING COUNTERTOP



3 DETAIL - BANQUETTE

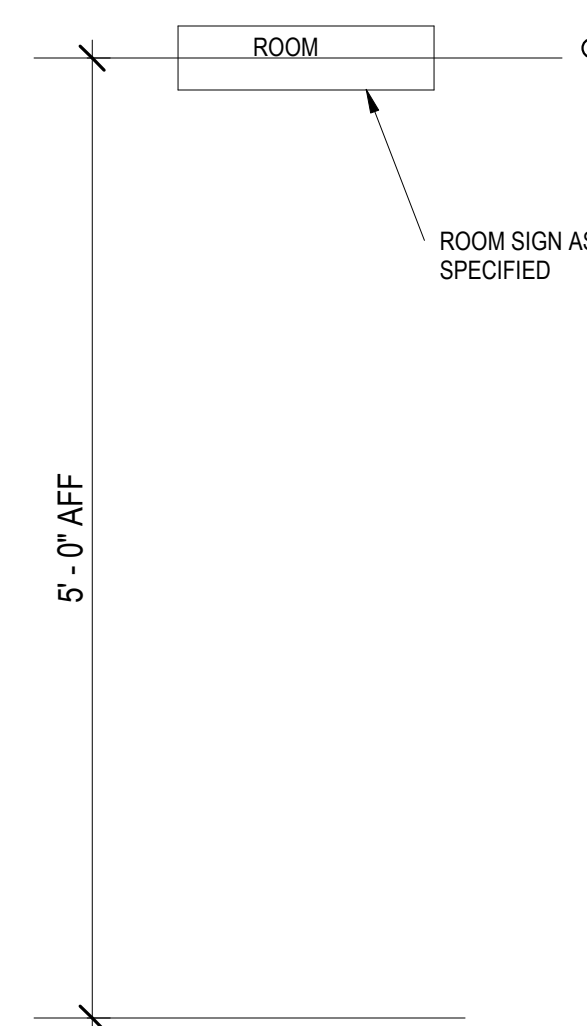


2 DETAIL - STORAGE CABINET

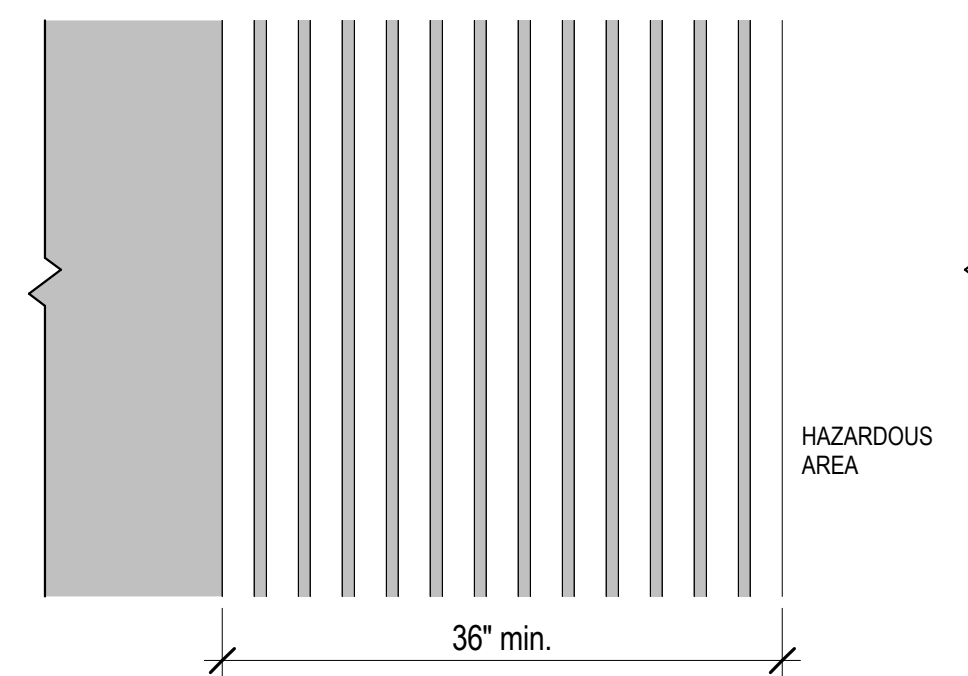


1 DETAIL - MICROWAVE & BASE CABINET

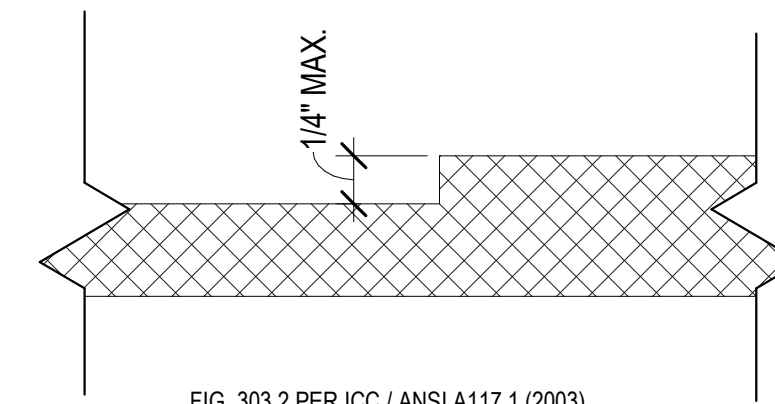
[illegible]



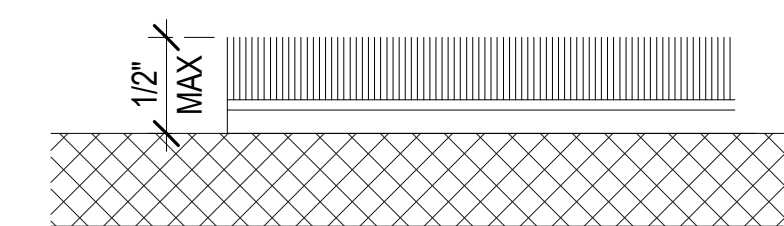
F5 ROOM SIGNAGE
MOUNTING HEIGHT



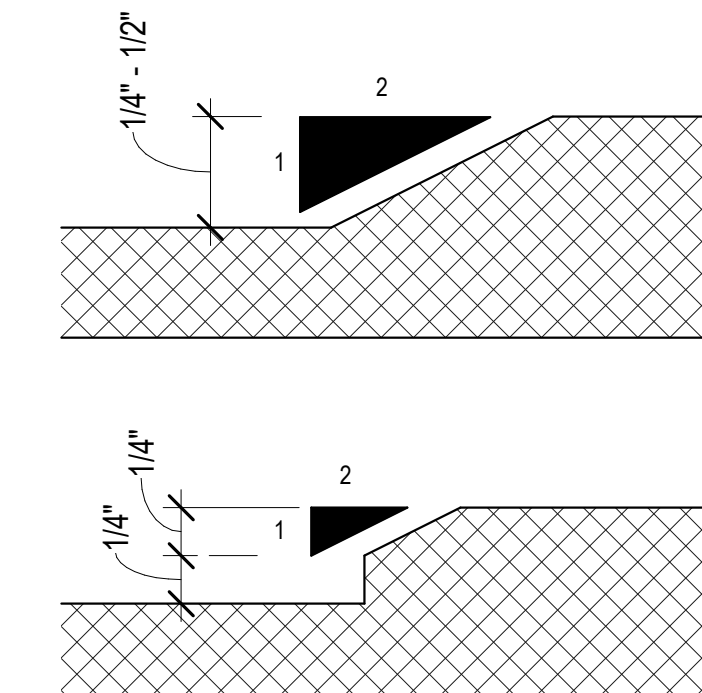
F4 **DETECTABLE WARNING SURFACE**
NTS



F3 VERTICAL CHANGES IN LEVEL



F2 CARPET TRANSITION



F1 BEVELED CHANGES IN LEVEL

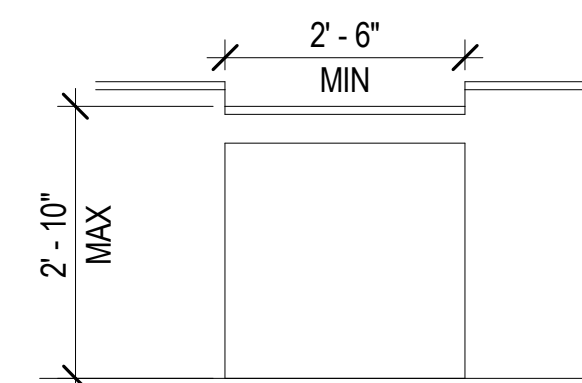


FIG. 1003.12.3 PER ICC/ANSI A117.1 (2003)
& CBC 18-11-1109.4 (2011)

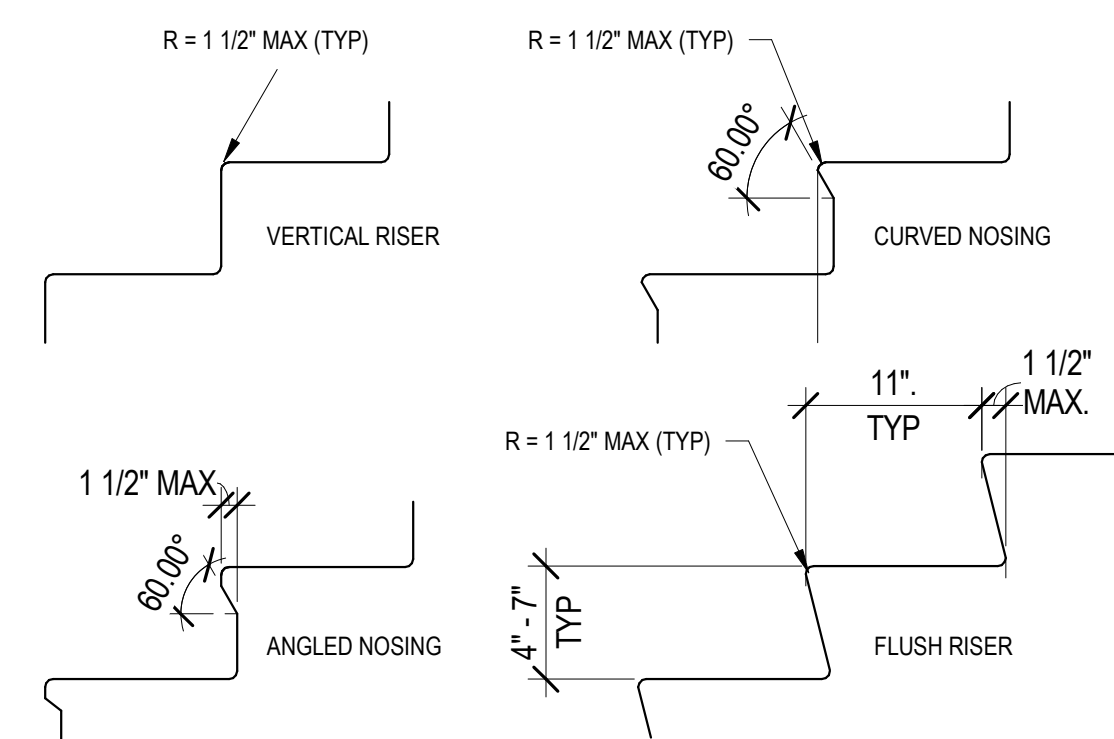
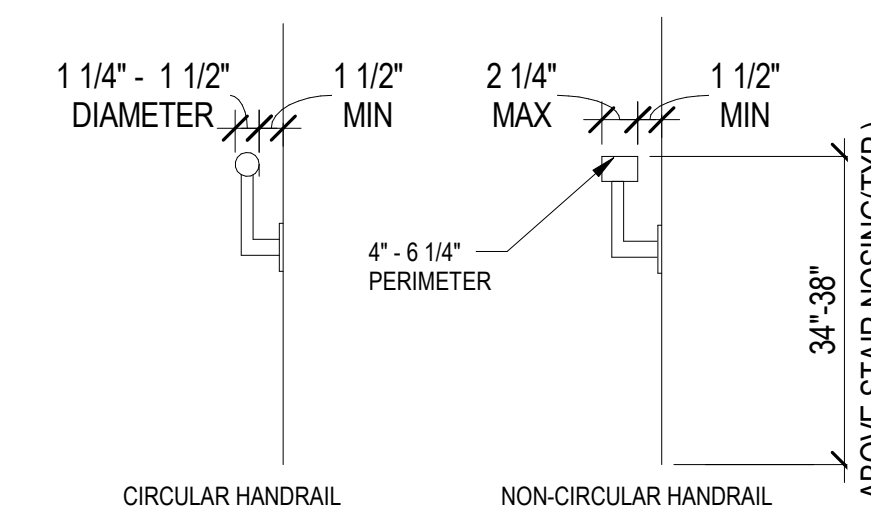
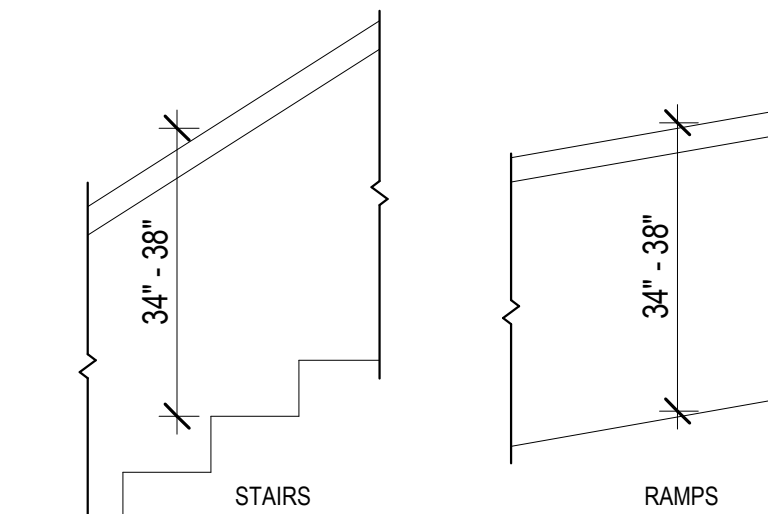


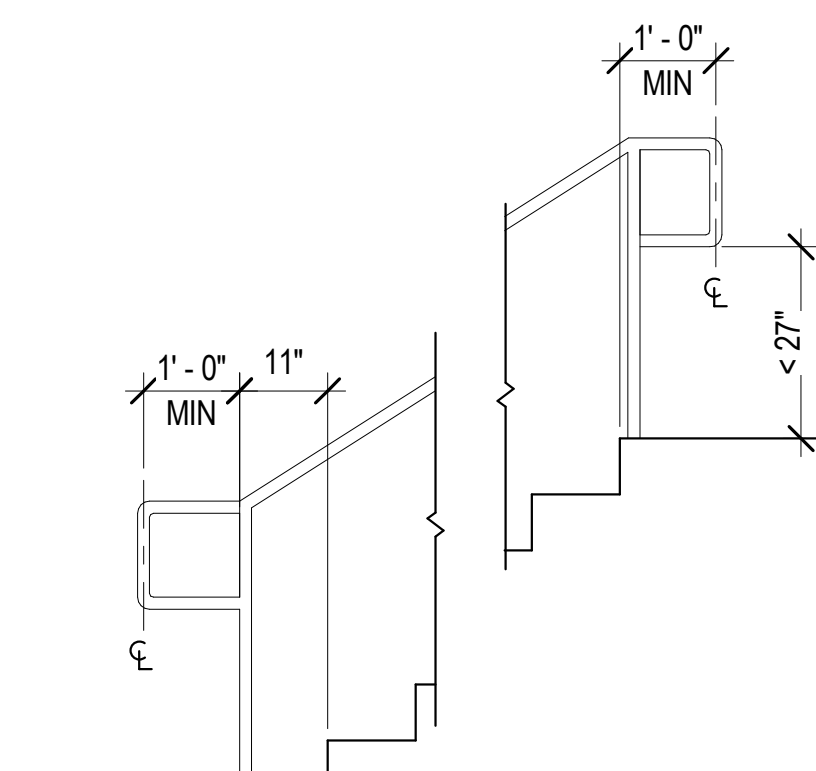
FIG. 504.2 & 504.5 PER ICC / ANSI A117.1 (2003), ADAAG
FIG. 18 , & A/C FIG. 18(a)(b)(c)



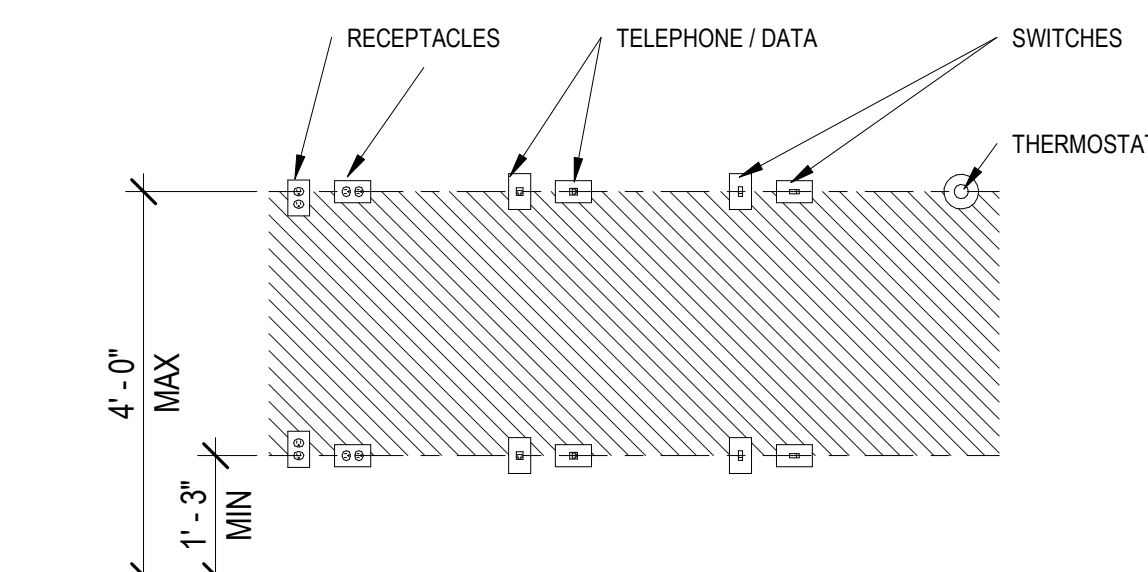
E5 HANDRAIL PROFILES



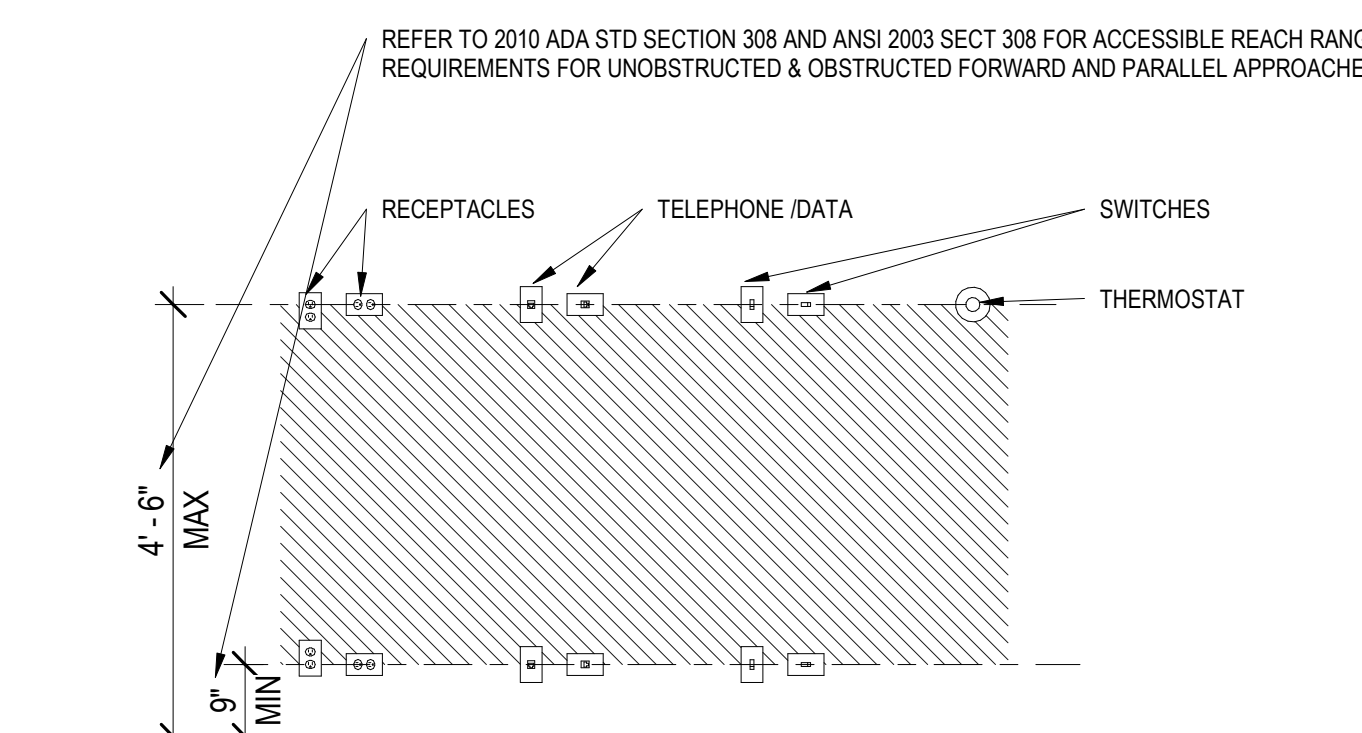
E3 HANDRAIL HEIGHTS



E2 **HANDRAIL AT STAIRS**
NTS



B6 OUTLETS FORWARD APPROACH
NTS



B5 MOUNTING HEIGHTS - OUTLETS

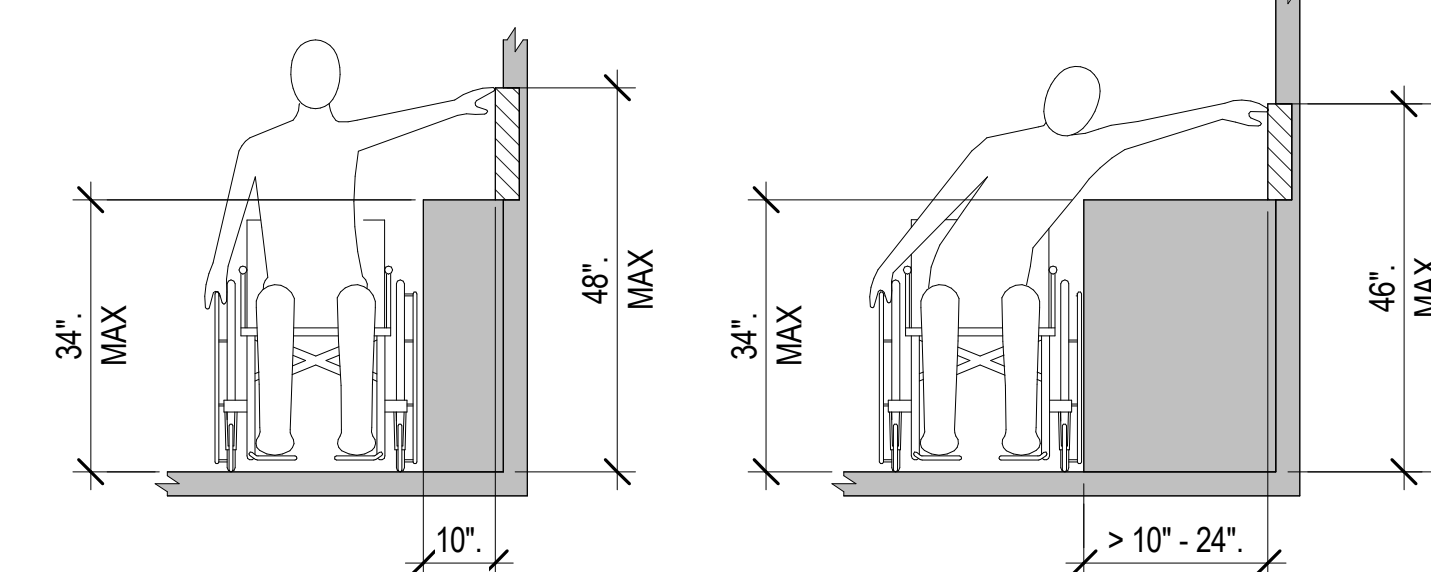


FIGURE 308.3.2

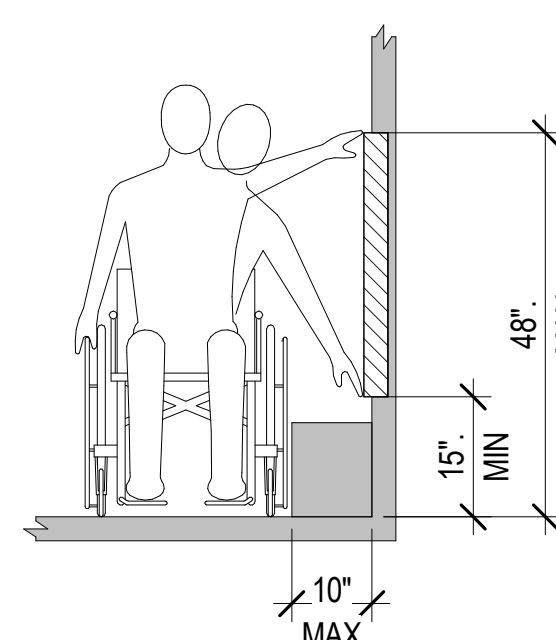


FIGURE 308.3.1

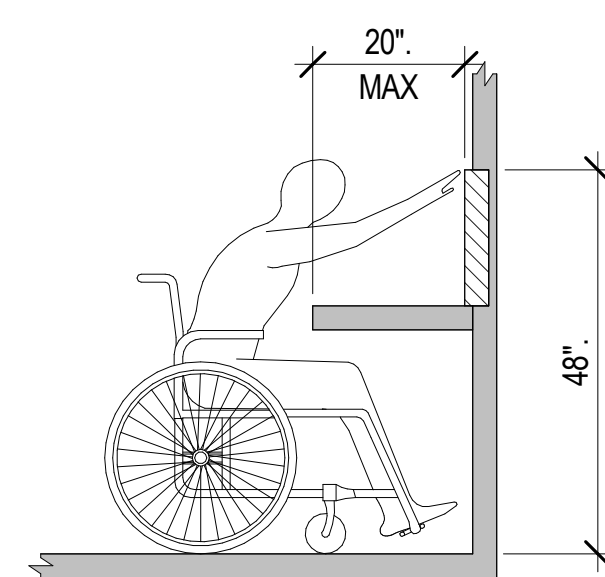
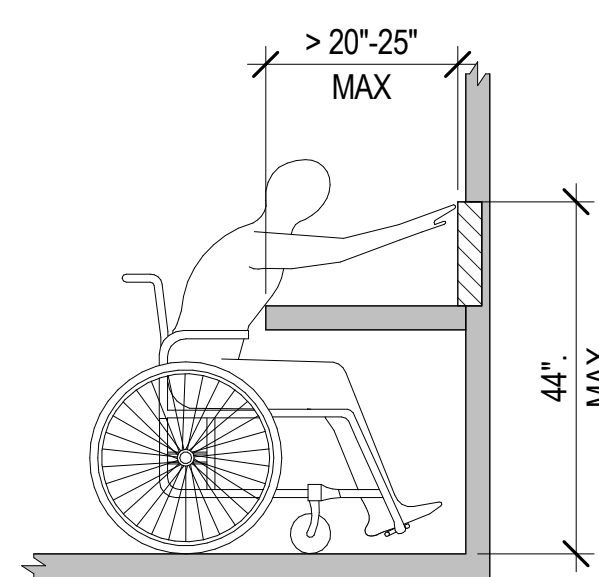


FIGURE 308.2.2



A7 OBSTRUCTED HIGH FORWARD REACH
NTS

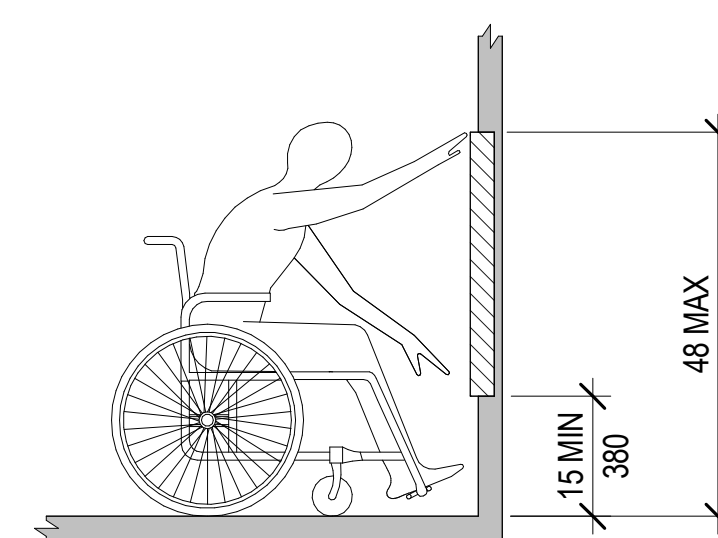


FIGURE 308.2.1

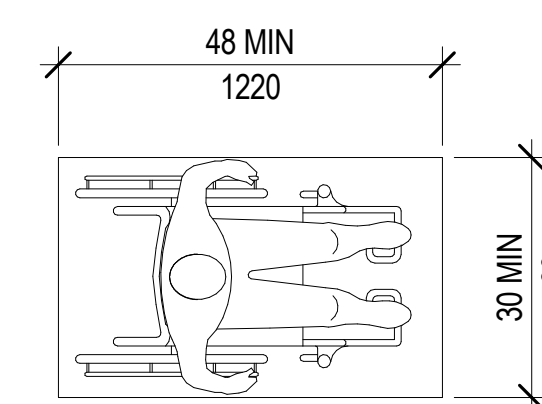
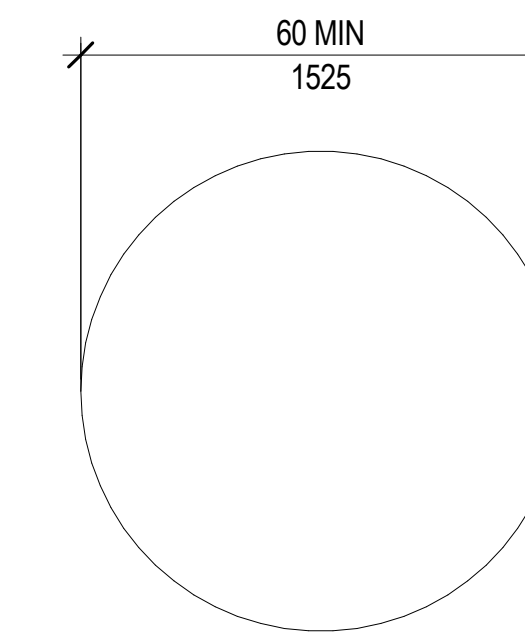
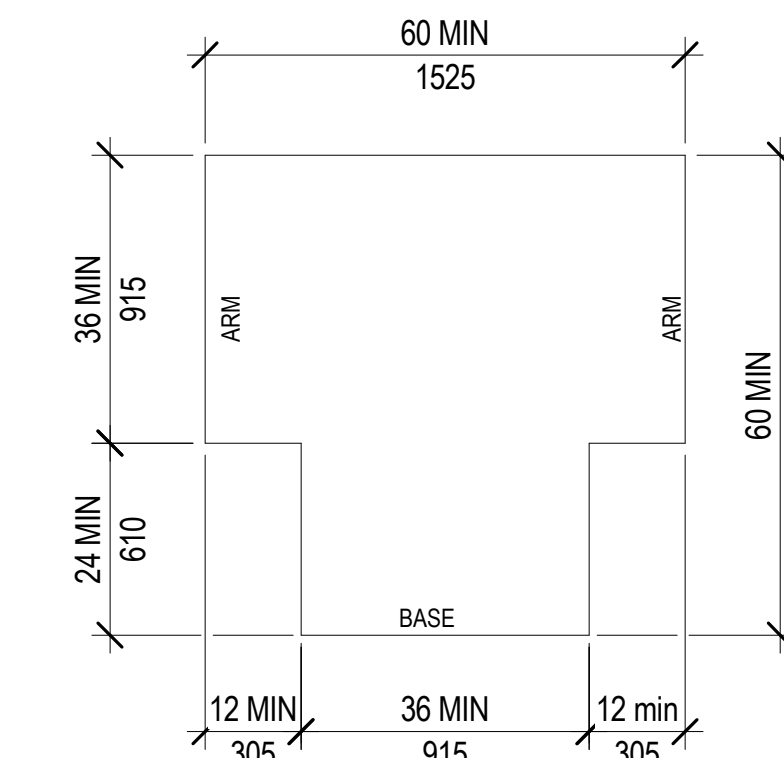


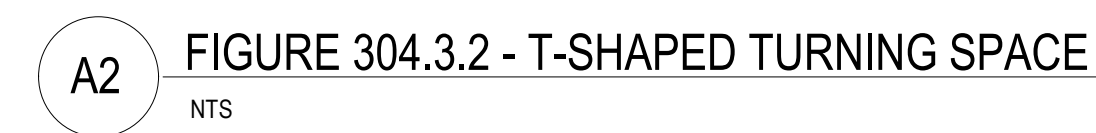
FIGURE 305.3



(a) CIRCULAR



(b) T-SHAPED



11/23/2023 1:19:50 PM THE ORIGINAL OF THIS DRAWING IS 30" X 42". IF THIS COPY IS ANY OTHER SIZE, IT HAS BEEN REDUCED OR ENLARGED.

CU ANSCHUTZ MEDICAL CAMPUS
DENTAL SCHOOL LOUNGE RENOVATION
13065 East 17th Avenue, Aurora, CO 80045

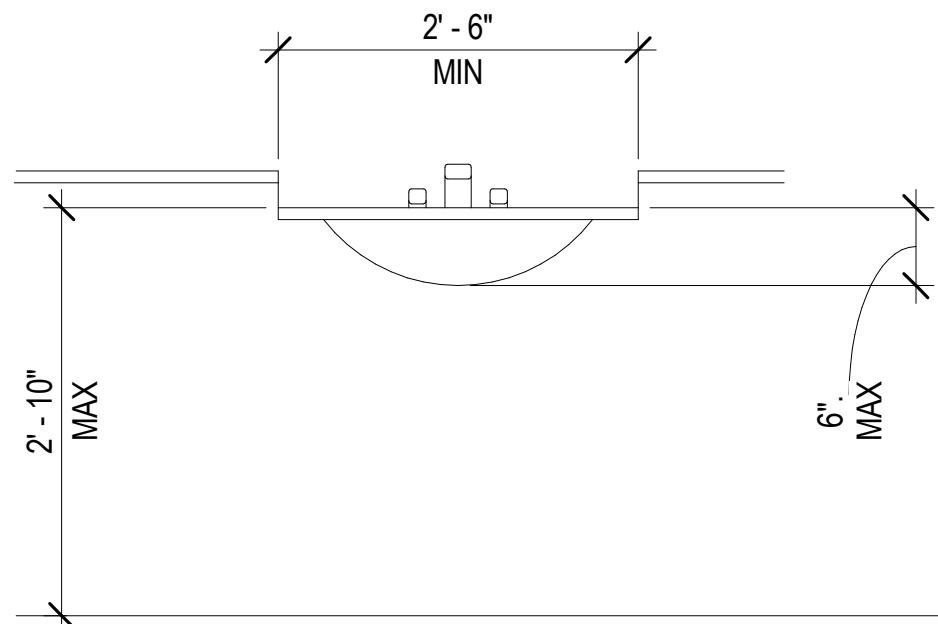


FIG. 1003.12.4 PER ICC/ANSI A117.1 (2003)
& CBC 18-11-1109.5 (2011)

B4 KITCHEN SINK
NTS

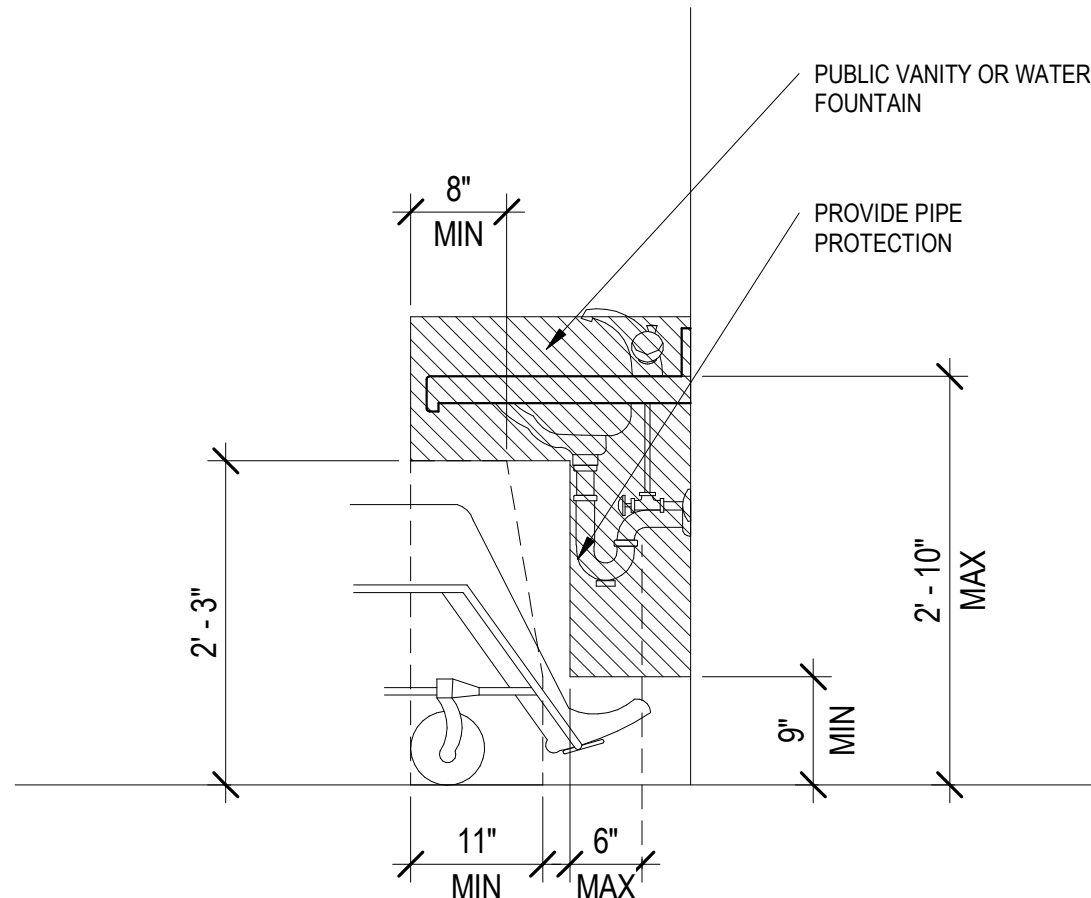


FIG. 306.2, 306.3 & 606.3 PER ICC/ANSI A117.1 (2003)
& CBC 18-11-1109.5 (2011)

B3 CLEARANCES AT SINK AND FOUNTAIN
NTS

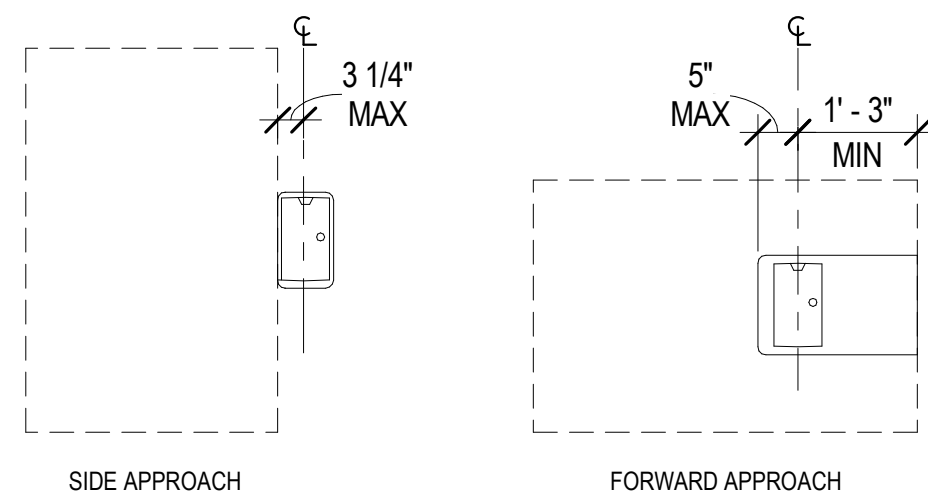


FIG. 602.5B PER ICC/ANSI A117.1 (2003)
& CBC 18-11-1109.5 (2011)

FIG. 602.5A PER ICC/ANSI A117.1 (2003)
& CBC 18-11-1109.5 (2011)

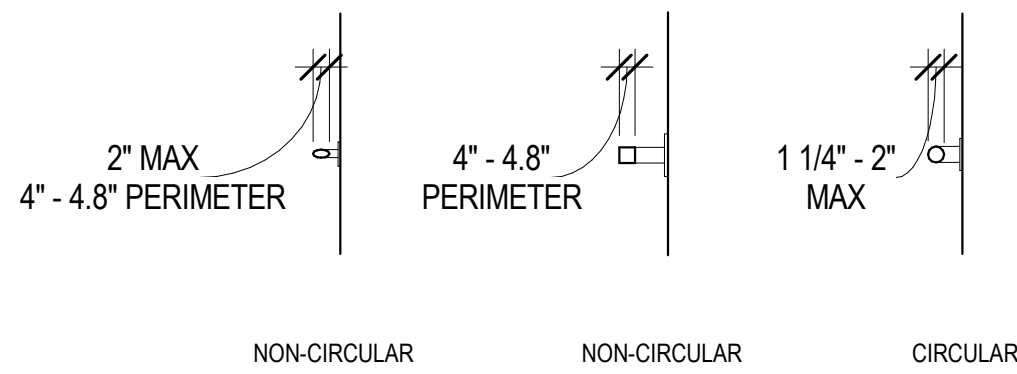
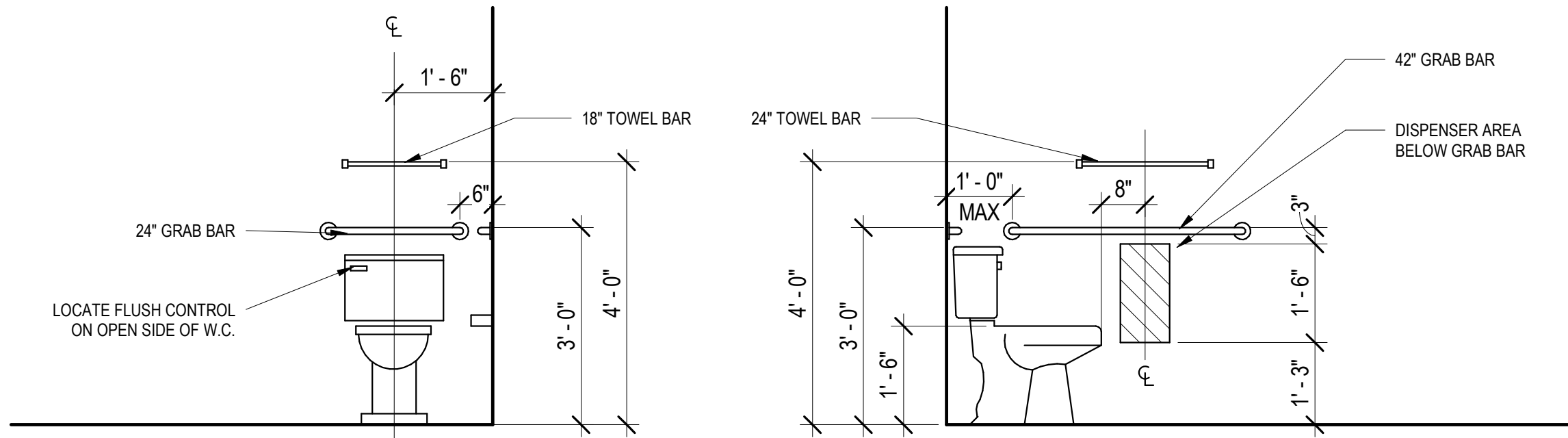


FIG. 609.2 PER ICC/ANSI A117.1 (2003)

D2 GRAB BAR SECTIONS
NTS



PER ICC/ANSI A 117.1-2003 SECTION 1003.11.4 (TYPE A) AND SECTION 1004.11.2 (TYPE B), REINFORCEMENT SHALL BE PROVIDED FOR THE FUTURE INSTALLATION OF GRAB BARS AND SHOWER SEATS AT WATER CLOSETS, BATHTUBS, AND SHOWER COMPARTMENTS.

A6 TOILET - ELEVATIONS - TYPE A
NTS

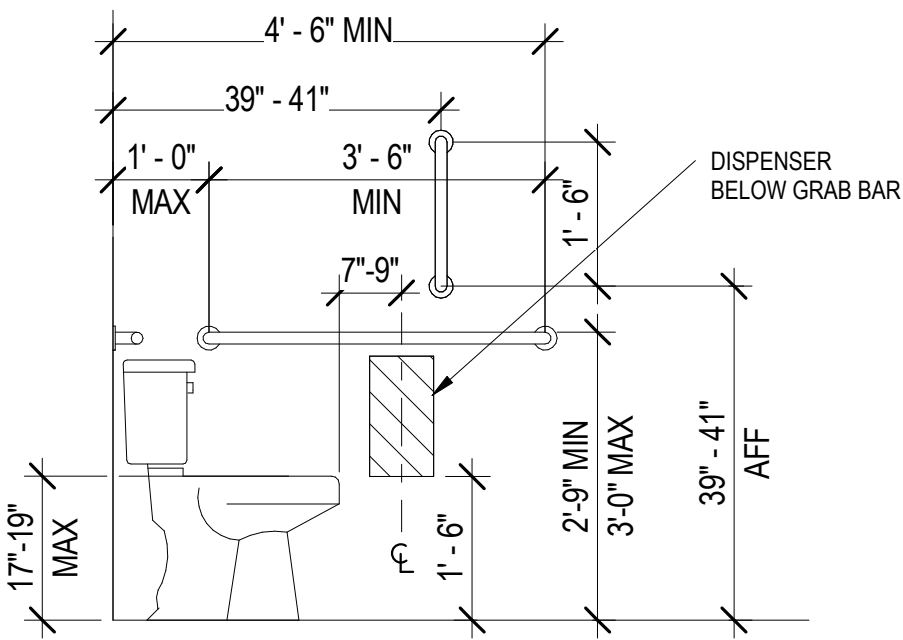


FIG. 604.4, 604.5.1 & 604.7a PER ICC/ANSI A117.1 (2003)
& CBC 18-11-1109.2 (2011)

A5 PUBLIC - SIDE WALL GRAB BAR
NTS

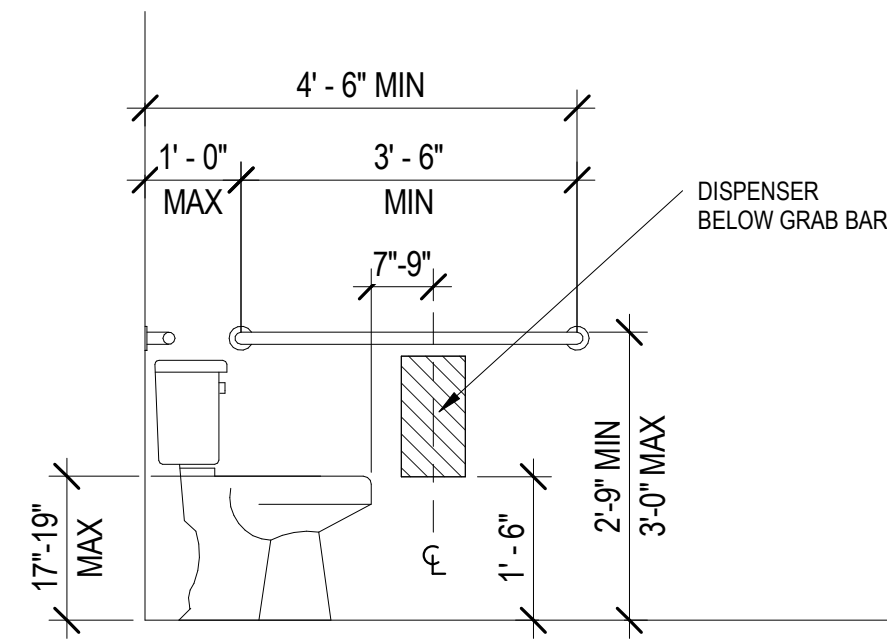
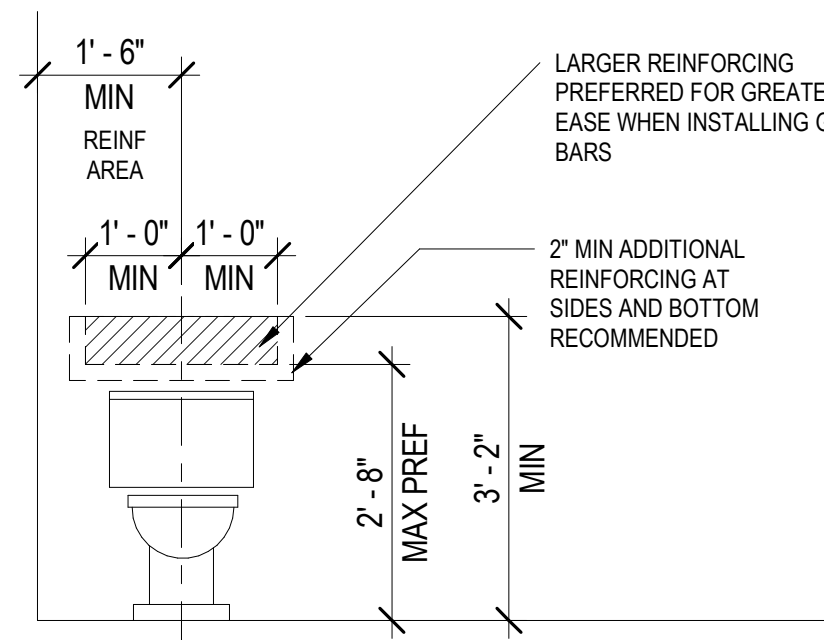


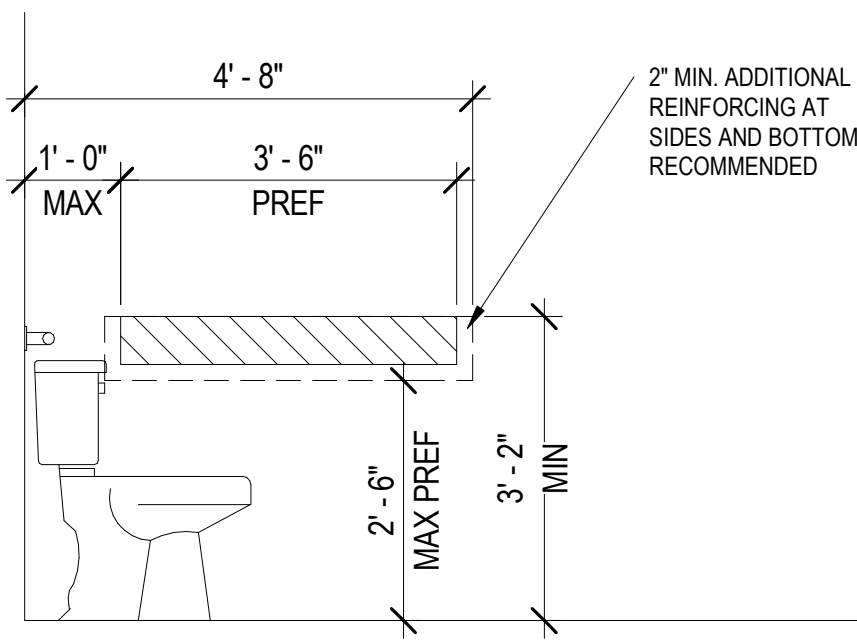
FIG. 604.4, 604.5.1 & 604.7a PER ICC/ANSI A117.1 (2003)
& CBC 18-11-1109.2 (2011)

A4 RESIDENTIAL - SIDEWALL GRAB BAR
NTS



MIN REINFORCING BEHIND TOILET LOCATED BESIDE A WALL

A3 BLOCKING - BACKWALL GRAB BAR
NTS



MIN REINFORCING AT SIDE OF TOILETS

A2 BLOCKING - SIDEWALL GRAB BAR
NTS

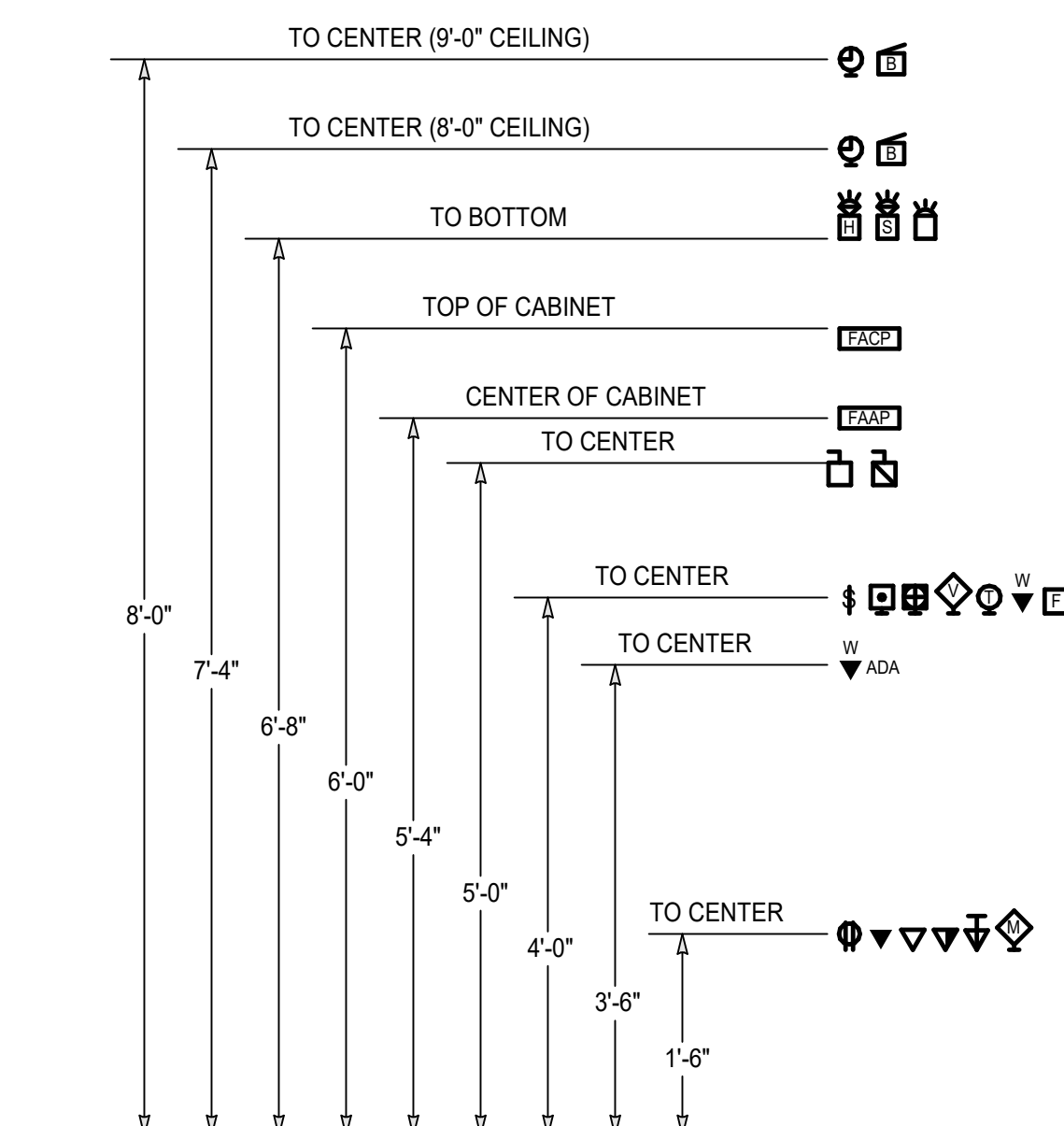
History	Date
ISSUE FOR CONSTRUCTION	11.03.2023

DATE: 11.03.2023
PROJECT #: 2022.101

DRAWN BY: DM
DESIGNED BY: AG, JG
CHECKED BY: JG

ACCESSIBILITY
DETAILS &
STANDARDS

A-611



TYPICAL MOUNTING HEIGHTS

SCALE: NONE







NOTES

1. MOUNT ELECTRICAL DEVICES AT HEIGHTS SHOWN UNLESS OTHERWISE NOTED ON THE DRAWINGS.
2. VERIFY DEVICE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN
















GENERAL NOTES FOR ALL DRAWINGS

- UNLESS OTHERWISE NOTED, ITEMS SHOWN ON THE DRAWINGS SHALL BE AS FOLLOWS:
DEMO PLANS:
LIGHT LINE WEIGHT = EXISTING TO REMAIN
DARK LINE WEIGHT = REMOVE OR RELOCATED
- NEW PLANS:
LIGHT LINE WEIGHT = EXISTING TO REMAIN
DARK LINE WEIGHT = RELOCATED LOCATION OR NEW
2. FOR 120V, 20-AMPERE BRANCH CIRCUITS, PROVIDE THE FOLLOWING SIZE CONDUCTORS:
0-100 FEET: 12 AWG
101-175 FEET: 10 AWG
176-265 FEET: 8 AWG
THE DISTANCES INDICATED REPRESENT THE CONDUCTOR LENGTH FROM THE PANELBOARD TO THE FARTHEST OUTLET ON THE CIRCUIT.
3. TWO-CIRCUIT MULTIWIRE BRANCH CIRCUITS ARE PROHIBITED.
4. UNDERGROUND RACEWAYS AND RACEWAYS EMBEDDED IN SLABS: ALL ELBOWS AND VERTICAL RISERS (STUB-UPS) SHALL BE PVC-COATED RIGID METAL CONDUIT (RMC). THIS INCLUDES ALL SERVICE, FEEDER, BRANCH CIRCUIT, AND SYSTEMS RACEWAYS.
5. SUBMITTAL COORDINATION: THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEW AND COORDINATION OF THE MECHANICAL, POOL, ELEVATOR, AND OTHER EQUIPMENT SUBMITTALS REQUIRING ELECTRICAL CONNECTIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO REVIEW OF ANY DISCREPANCIES BETWEEN THE ELECTRICAL CHARACTERISTICS INDICATED ON THE CONSTRUCTION DOCUMENTS AND THOSE LISTED ON THE SUBMITTAL DOCUMENTS.
6. THE ELECTRICAL INSTALLATION SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF:
A. UNIVERSITY OF COLORADO DENVER ANSCHUTZ MEDICAL CAMPUS GUIDELINES AND DESIGN STANDARDS
B. LOCAL BUILDING DEPARTMENT
C. CITY, COUNTY, AND STATE LAWS, ORDINANCES, AND AMENDMENTS.
D. THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)
E. THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), 2023.
F. THE RULES, REGULATIONS, AND STANDARDS OF THE UTILITY COMPANY SUPPLYING ELECTRIC SERVICE TO THE BUILDING.
7. SHOULD ANY CHANGE TO THE CONSTRUCTION DOCUMENTS BE REQUIRED TO COMPLY WITH GOVERNMENTAL OR UTILITY REGULATIONS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO EXECUTION OF THE WORK. THIS WORK SHALL BE CARRIED OUT ACCORDING TO THE APPLICABLE REQUIREMENT(S) WITH THE INSTRUCTION OF THE ARCHITECT/ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
8. ELECTRICAL CONTRACTOR SHALL HAVE THE MANUFACTURER OF ELECTRICAL EQUIPMENT SUCH AS SWITCHBOARDS, PANELBOARDS AND METER ENCLOSURES PROVIDE ARC-FLASH HAZARD WARNING SIGNS PER NEC 110.16. ARC FLASH CALCULATIONS SHALL BE SUBMITTED TO THE ENGINEER IN THE SHOP DRAWINGS FOR APPROVAL.
9. FIELD VERIFY MOUNTING HEIGHTS FOR POWER AND DATA LOCATED ABOVE COUNTERS, FOR TVS.
10. ALL UNUSED HANGERS/WIRES TO BE REMOVED FROM ABOVE CEILING SPACE.
11. REMOVAL OF ALL UNUSED CABLES/COMPONENTS WILL BE REQUIRED IN THE PROJECT AREA.
12. ALL REMOVED ELECTRICAL DEVICES SUCH AS RECEPTACLES SHOULD BE GIVEN TO THE OWNER AND FACILITIES NOT THROWN AWAY. COORDINATE WITH OWNER PRIOR TO DISPOSING OF ANY REMOVED MATERIAL.




























ABBREVIATIONS AND NOTATIONS

AC	ABOVE COUNTER - VERIFY HEIGHT
AF	ABOVE FINISHED CEILING
AF	ABOVE FINISHED FLOOR
AF	ABOVE FINISHED GRADE
AIC	AMPS INTERRUPTING CAPACITY
AL	ALUMINUM
AWG	AMERICAN WIRE GAGE
BFG	BELOW FINISHED GRADE
CB	CIRCUIT BREAKER
CCT	CIRCUIT
CPT	CURRENT POWER TRANSFORMER
CT	CURRENT TRANSFORMER
CJ	COPPER
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EM	EMERGENCY
EW	ELECTRIC WATER COOLER
EPC	EMERGENCY POWER CONTROL UNIT
FC	FURNITURE CONNECTION
FLA	FULL LOAD AMPS
G	GROUND
GEC	GROUNDING ELECTRODE CONDUCTOR
GFI	GROUND FAULT INTERRUPTER
HP	HORSEPOWER
IDF	INTERMEDIATE DISTRIBUTION FACILITY
IG	ISOLATED GROUND
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MDF	MAIN DISTRIBUTION FACILITY
MLO	MAIN LUGS ONLY
MTTB	MAIN TELECOM. TERMINAL BACKBOARD
N	NEUTRAL
NC	NORMALLY CLOSED
NL	NIGHT LIGHT (UNSWITCHED)
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OCP	OVERCURRENT PROTECTION
OL	OVERLOAD
SC	SHORT CIRCUIT
SDP	SURGE PROTECTIVE DEVICE
TR	TAMPER RESISTANT
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TTMB	TELECOM. MAIN GROUNDING BUSBAR
TM	TELECOMMUNICATIONS TERMINAL BACKBOARD
UC	UNDER COUNTER
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
VFD	VARIABLE FREQUENCY DRIVE
WPI	WEATHERPROOF
WPU	WEATHERPROOF IN-USE
XFMR	TRANSFORMER
(E)	EXISTING TO REMAIN
(ER)	EXISTING TO BE REMOVED
(N)	NEW
(R)	EXISTING TO BE RELOCATED
(RL)	RELOCATED LOCATION
	KITCHEN EQUIPMENT SCHEDULE NOTATION
	ELECTRICAL EQUIPMENT SCHEDULE NOTATION
	MECHANICAL EQUIPMENT SCHEDULE NOTATION
	POOL EQUIPMENT SCHEDULE NOTATION
	DETAIL NOTE
	DELTA REVISION NOTE

SCHEMATIC WIRING SYMBOLS

	GROUND
	CURRENT TRANSFORMER
	CIRCUIT BREAKER, MOLDED-CASE, THERMAL-MAGNETIC
	FUSED DISCONNECT SWITCH
	ENCLOSED CIRCUIT BREAKER, MOLDED-CASE THERMAL-MAGNETIC
	ENCLOSED NON-FUSED DISCONNECT SWITCH
	ENCLOSED FUSED DISCONNECT SWITCH
	AUTOMATIC TRANSFER SWITCH
	TRANSFORMER
	MOTOR
	GENERATOR
	METER
	NORMALLY CLOSED CONTACT
	NORMALLY OPEN CONTACT
	ELECTRICAL FEEDER SIZE
















POWER

	DUPLEX RECEPTACLE
	DUPLEX AND TWO PORT USB CHARGING OUTLET
	GFCI DUPLEX MOUNT UNDER SINK FOR FAUCET POWER
	FOURPLEX (DOUBLE DUPLEX) RECEPTACLE
	(2) DUPLEX RECEPTACLES AND (2) TWO PORT USB
	SINGLE RECEPTACLE
	COMBO RECEPTACLE/SWITCH
	SWITCHED DUPLEX RECEPTACLE
	SPLIT-WIRED RECEPTACLE
	CEILING RECEPTACLE (DUPLEX, FOURPLEX)
	SPECIAL PURPOSE RECEPTACLE
	FLOOR-MOUNTED SPECIAL PURPOSE RECEPTACLE
	FLOOR RECEPTACLE (DUPLEX, FOURPLEX)
	DUPLEX MOUNT COMBINATION OUTLET BOX
	WIRE MOLD SURFACE RACEWAY
	PLUG MOLD SURFACE RACEWAY
	CLOCK RECEPTACLE
	JUNCTION BOX
	WALL-MOUNTED J-BOX
	FLOOR-MOUNTED JUNCTION BOX
	ENCLOSED CIRCUIT BREAKER
	NON-FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	MAGNETIC CONTROLLER (STARTER)
	COMBINATION STARTER/DISCONNECT SWITCH
	MOTOR CONNECTION
	POWER POLE

SYSTEMS

☒ TELEVISION OUTLET


SWITCHING AND CONTROLS





















	NEW: nLIGHT #nPDM-WH, EXISTING: TOGGLE SWITCH
	NEW: nLIGHT #nPDM-WH, EXISTING: 3-WAY SWITCH
	DIMMER SWITCH
	KEY OPERATED SWITCH
	SWITCH WITH PILOT LIGHT
	THERMAL OVERLOAD SWITCH
	DIGITAL LIGHTING CONTROL SWITCH
	WALL OCCUPANCY SENSOR SWITCH
	nLIGHT #nCM PDT-9-RJB
	PHOTOCELL/ PHOTOSENSOR
	PUSH BUTTON SWITCH
	EMERGENCY POWER CONTROL UNIT, UL 924
	TIME CLOCK
	THERMOSTAT
	RELAY/POWER PACK nLIGHT #nP16-EFP

LOW VOLTAGE SWITCH "X" IS THE ZONE CONTROLLED "RX" REFERS TO THE SWITCH CONTROLLED.










LUMINAIRES

LUMINAIRE TYPE, REFERENCING LUMINAIRE SCHEDULE
TYPICAL ALL FIXTURES. LOWER CASE SUBSCRIPT, IF SHOWN, REFERENCES WALL SWITCH.

 **A**_B = ALL TYPE "A" LUMINAIRE
IN ROOM OR AREA UNITS.

	WALL-MOUNTED LUMINAIRE
	SURFACE-MOUNTED LUMINAIRE
	RECESSED LUMINAIRE
	DOWNLIGHT
	WALLWASH LUMINAIRE
	SURFACE CEILING LUMINAIRE
	SMALL PENDANT LUMINAIRE
	LARGE PENDANT LUMINAIRE
	ACCENT LUMINAIRE
	STEP LUMINAIRE
	STRIP LIGHT
	SURFACE OR PENDANT LIGHTING TRACK
	EXIT LIGHT - SHADED INDICATES FACE/ DIRECTIONAL ARROWS AS SHOWN
	EMERGENCY LIGHTING UNIT W/ BATTERY
	EMERGENCY LUMINAIRE - SHADED
	FLUORESCENT PORCELAIN LAMP HOLDER
	POOL LUMINAIRE
	CEILING FAN
	EXTERIOR AREA LIGHT
	EXTERIOR WALL PACK

DISTRIBUTION AND RACEWAY

	SURFACE-MOUNTED PANELBOARD
	RECESSED PANELBOARD
	TRANSFORMER
	BRANCH CIRCUIT HOMERUN
	RACEWAY (CONDUIT) CONCEALED IN FLOOR OR UNDERGROUND
	RACEWAY (CONDUIT) EXPOSED OR CONCEALED IN WALL OR CEILING
	CAPPED RACEWAY (CONDUIT)
	RACEWAY UP
	RACEWAY DOWN

CU ANSCHUTZ MEDICAL CAMPUS
DENTAL SCHOOL LOUNGE RENOVATION
13065 East 17th Avenue, Aurora, CO 80045

DATE: 11.03.2023
PROJECT #: 2022.101

DRAWN BY: KLY
DESIGNED BY: KLY
CHECKED BY: KLY

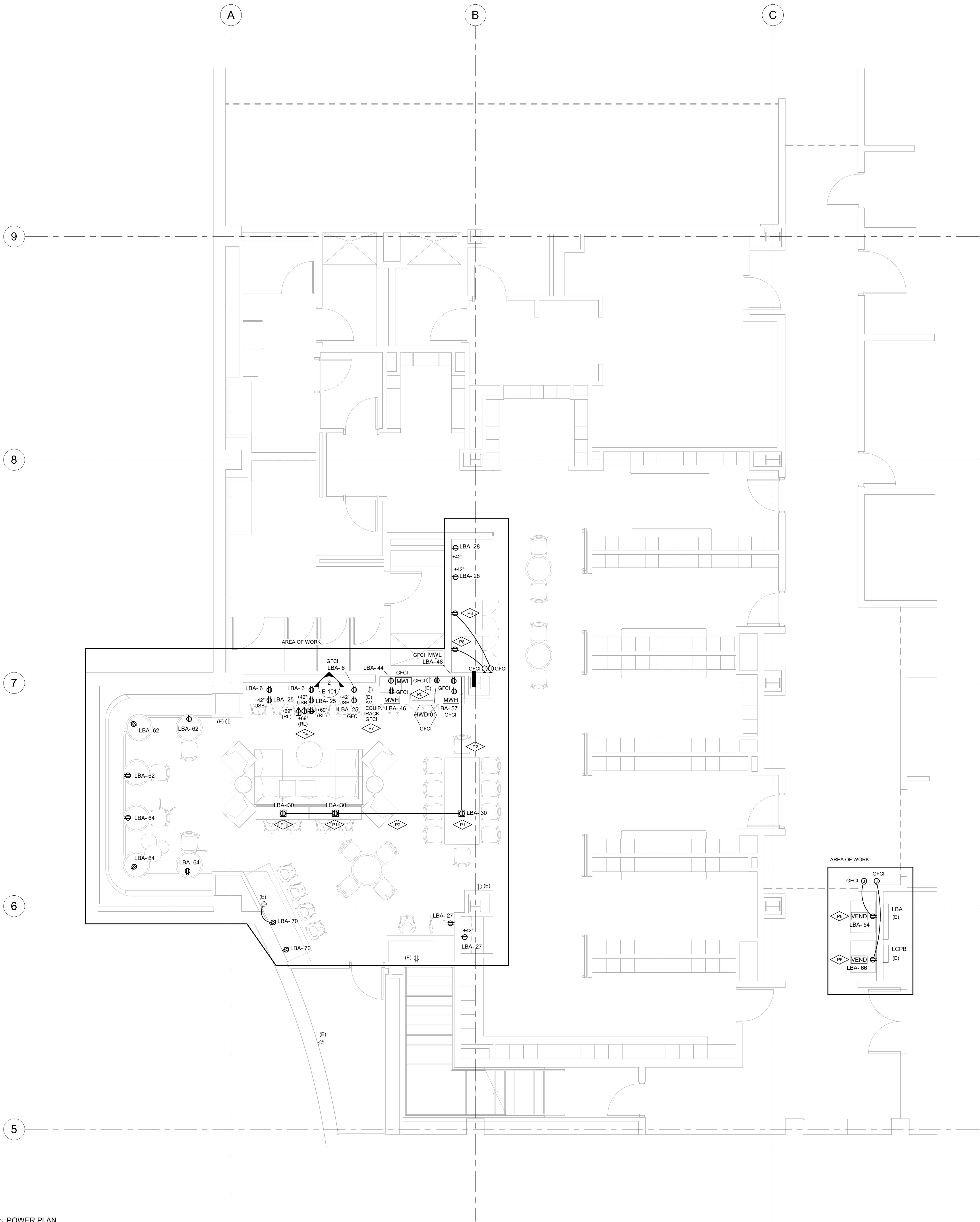
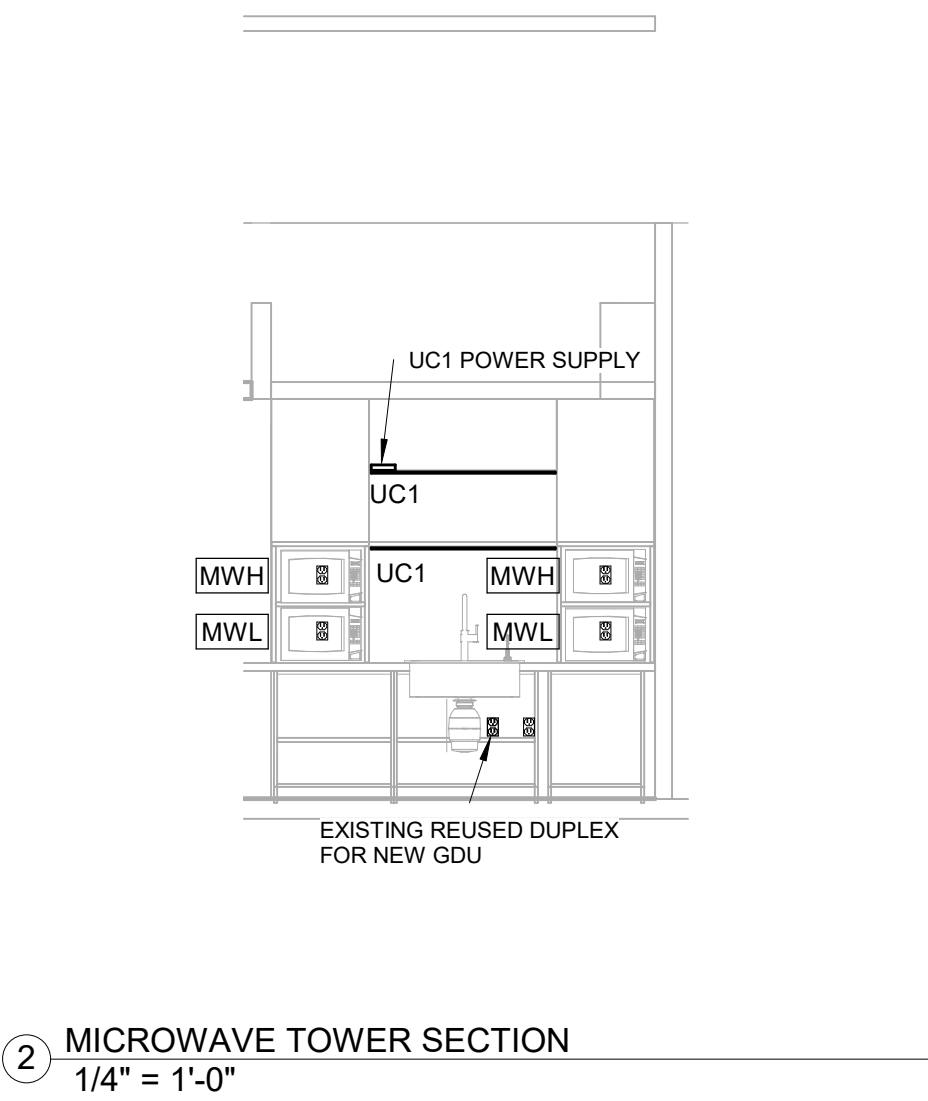
ELECTRICAL COVER SHEET

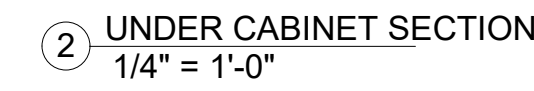
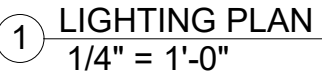
E-001

CU ANSCHUTZ MEDICAL CAMPUS
DENTAL SCHOOL LOUNGE RENOVATION
13065 East 17th Avenue, Aurora, CO 80045

13065 East 17th Avenue, Aurora, CO 80045

KEYNOTE LEGEND	
Key Value	Keynote Text
P1	PROVIDE FLOOR BOX HUBBELL #PFBRG1 WITH PFBRFB1 FLANGE AND #PFBR26BLA DUPLEX COVER AND NEMA 5-20R DUPLEX.
P2	FLOOR WILL NEED TO BE TRENCHED FROM WALL ALONG FLOOR AS INDICATED FOR CONDUITS TO CIRCUITS FOR FURNITURE POWER. ALSO FLOOR WILL NEED TO BE TRENCHED FOR THE INSTALLATION OF THE NEW FLOOR BOX. FLOOR BOX SHALL BE FLUSH TO FLOOR.
P4	NEW LOCATION OF EXISTING TV LOW VOLTAGE, TV SIMPLEX AND TV QAD. RECONNECT QUAD AND SIMPLEX TO EXISTING CIRCUIT.
P5	CONNECT NEW DISPOSAL TO EXISTING SWITCHED GFI OUTLET. OUTLET AND SWITCH SHALL REMAIN.
P6	VENDING MACHINE OUTLETS WILL BE SURFACE MOUNTED TO THE EXISTING CMU WALL. CONDUIT PENETRATION WILL NEED TO BE FILLED WITH FIREPROOFING TO MAINTAIN FIRE RATING OF WALL.
P7	IF EXISTING AV QUAD IS NOT GFCI REPLACE EXISTING QUAD WITH NEW GFCI QUAD.
P8	OUTLETS WILL REPLACE EXISTING OUTLETS IN THIS LOCATION WITH GCI OUTLETS WITH A REMOTE RESET/TEST SWITCH. CONNECT NEW OUTLETS WITH EXISTING CIRCUIT AT THIS LOCATION.





L1	PROVIDE POWER SUPPLY FOR UNDER COUNTER LIGHTS IN CABINET. CABINET SHALL BE VENTILATED. POWER SUPPLY KELVIX #UL V36, FIELD VERIFY CIRCUIT VOLTAGE PRIOR TO ORDERING FIXTURES.
L2	EXISTING SWITCH BANK TO REMAIN.
L3	EXISTING CIRCUIT AND RELAY CIRCUIT SHOWN WERE CORRECTED TO BE NEW. EXISTING SOFFIT LIGHTS REMOVED. REUSE THIS CIRCUIT, RELAY AND DIMMING SWITCH ON THE WALL TO CONTROL THE NEW LIGHTS. FIELD VERIFY CIRCUIT VOLTAGE PRIOR TO ORDERING FIXTURES.

CU ANSCHUTZ MEDICAL CAMPUS

13065 East 17th Avenue, Aurora, CO 80045

[illegible]

LIGHTING PLAN

E-111

LUMINAIRE SCHEDULE									
KEY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMP		VOLTS	MOUNTING	NOTES	MAX VA
				QTY	TYPE				
D1	LED, 2" RECESSED DOWNLIGHT	GOTHAM	IC02-40/05-AR-LSS-30D-UGZ	1	LED	120	RECESSED	FIELD VERIFY EXISTING FIXTURES AND CAMPUS STANDARD CCT AND MATCH PRIOR TO ORDERING. FIELD VERIFY VOLTAGE OF THE EXISTING REUSED CIRCUIT PRIOR TO ORDERING LIGHTS.	6
UC1	LED, 3'10" UNDER CABINET LIGHT	KELVIX	502-I-3'10"-DK-40K-WH-CP-SV-ULV	1	LED	120	UNDERCABINET	FIELD VERIFY EXISTING FIXTURES AND CAMPUS STANDARD CCT AND MATCH PRIOR TO ORDERING. FIELD VERIFY VOLTAGE OF THE EXISTING REUSED CIRCUIT PRIOR TO ORDERING LIGHTS.	10

EQUIPMENT SCHEDULE									
KEY	EQUIPMENT	LOAD	VOLTS	PH	BRANCH CIRCUIT CONDUCTORS	COND .	DISCONNECT	CIRCUIT BREAKER	SCHD- NOTES
MWH	MICROWAVE HIGH MOUNTED	1000	120	1	2#12,1#12G	1/2"	NEMA 5-20R, GFCI	20A/1P	MOUNT GFCI OUTLET AT +56" AFF
MWL	MICROWAVE LOW MOUNTED	1000	120	1	2#12,1#12G	1/2"	NEMA 5-20R, GFCI	20A/1P	MOUNT GFCI OUTLET AT +42" AFF
VEND	VENDING MACHINE	1000	120	1	2#12,1#12G	1/2"	NEMA 5-20R WITH REMOTE GFCI	20A/1P	REFER TO PLANS FOR LOCATION OF REMOTE GFCI RESET BUTTONS

MECHANICAL SCHEDULE											
KEY	EQUIPMENT	LOAD	VOLTS	PH	BRANCH CIRCUIT CONDUCTORS	COND .	DISCONNECT	CIRCUIT BREAKER	CIRCUIT		NOTES
									PANEL	NUMBER	
HWD-01	HOT WATER HEATER	750	120	1	2#12,1#12G	1/2"	NEMA 5-20R, GFCI	20A/1P	LBA	19	RELOCATED INSTA HOT CIRCUIT

Branch Panel: LBA

Location:
Supply From:
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Ratings:
Mains Type:
Mains Rating:
MCB Rating:

Notes:
EXISTING PANEL. ONLY NEW LOADS ARE SHOWN. PROVIDE A NEW TYPED PANEL DIRECTORY. LABEL NEW LOADS AS INDICATED IN THIS SCHEUDLE. CIRCUITS SHOWN AS "EXISTING" SHALL BE LABELED AS THEY ARE IN THE CURRENT DIRECTORY. FIELD COORDINATE. REFER TO PANEL LOAD JUSTIFICATION CALCULATION FOR LOAD ANALYSIS.

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	EXISTING	20 A	1	0 VA	0 VA		1	20 A	EXISTING	2
3	EXISTING	20 A	1				1	20 A	EXISTING	4
5	EXISTING	20 A	1					20 A	R-LOUNGE UNDER COUNTER	6
7	EXISTING	20 A	1	0 VA	0 VA		1	20 A	EXISTING	8
9	EXISTING	20 A	1				1	20 A	EXISTING	10
11	EXISTING	20 A	1				1	20 A	EXISTING	12
13	EXISTING	20 A	1	0 VA	0 VA		1	20 A	EXISTING	14
15	EXISTING	20 A	1				1	20 A	EXISTING	16
17	EXISTING	20 A	1				1	20 A	EXISTING	18
19	HOT WATER	20 A	1	180 VA	0 VA		1	20 A	EXISTING	20
21	EXISTING	20 A	1				1	20 A	EXISTING	22
23	EXISTING	20 A	1				1	20 A	EXISTING	24
25	R-LOUNGE COUNTER	20 A	1	540 VA	0 VA		1	20 A	EXISTING	26
27	R-LOUNGE COUNTER	20 A	1				1	20 A	R-LOUNGE COUNTER	28
29	EXISTING	20 A	1				1	20 A	R-LOUNGE FLOOR	30
31	EXISTING	20 A	1	0 VA	0 VA		1	20 A	EXISTING	32
33	EXISTING	20 A	1				1	20 A	EXISTING	34
35	EXISTING	20 A	1				1	20 A	EXISTING	36
37	EXISTING	20 A	1	0 VA	0 VA		1	20 A	EXISTING	38
39	EXISTING	20 A	1				1	20 A	EXISTING	40
41	EXISTING	20 A	1				1	20 A	EXISTING	42
43	EXISTING	20 A	1	0 VA	1000...		1	20 A	R-LOUNGE MICROWAVE	44
45	EXISTING	20 A	1				1	20 A	R-LOUNGE MICROWAVE	46
47	EXISTING	20 A	1				1	20 A	R-LOUNGE MICROWAVE	48
49	EXISTING	20 A	1	0 VA	0 VA		1	20 A	SPARE [1]	50
51	EXISTING	20 A	1				1	20 A	SPARE [1]	52
53	EXISTING	20 A	1				1	20 A	R-LOUNGE VENDING	54
55	EXISTING	20 A	1	0 VA	0 VA		1	20 A	EXISTING	56
57	R-LOUNGE MICROWAVE	20 A	1				1	20 A	EXISTING	58
59	EXISTING	20 A	1				1	20 A	EXISTING	60
61	SPARE [1]	20 A	1	0 VA	540 VA		1	20 A	R-LOUNGE BOOTH	62
63	SPARE [1]	20 A	1				1	20 A	R-LOUNGE BOOTH, COUNTER	64
65	SPARE [1]	20 A	1				1	20 A	R-LOUNGE VENDING	66
67	EXISTING	20 A	1	0 VA	0 VA		1	20 A	EXISTING	68
69	EXISTING	20 A	1				1	20 A	R-COUNTER [2]	70
71	EXISTING	20 A	1				1	20 A	EXISTING	72
73	EXISTING	20 A	1	0 VA	0 VA		1	20 A	EXISTING	74
75	EXISTING	20 A	1				1	20 A	EXISTING	76
77	EXISTING	20 A	1				1	20 A	EXISTING	78
79		30 A		0 VA	0 VA		1	20 A	EXISTING	80
81	EXISTING		3				1	20 A	EXISTING	82
83							1	20 A	EXISTING	84
Total Load:				2260 VA		3620 VA		4080 VA		
Total Amps:				19 A		32 A		36 A		

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Heating	180 VA	125.00%	225 VA	
Receptacle	3780 VA	100.00%	3780 VA	Total Conn. Load: 9960 VA
Owner Equipment	6000 VA	100.00%	6000 VA	Total Est. Demand: 10005 VA
				Total Conn.: 28 A
				Total Est. Demand: 28 A

Notes:
[1] MADE SPARE DURING DEMO.
[2] LOAD SHOWN IS NEW LOAD ONLY. THESE TIE INTO AN EXISTING REUSED CIRCUIT. EXISTING CIRCUIT CONTAINS (2) DUPLEXES AND (1) QUAD FOR AN EXISTING LOAD OF 720 VA. NEW LOAD PLUS EIXSTING IS 1080 VA, CIRCUIT IS JUSTIFIED.

LOAD JUSTIFICATION FOR "LBA"

200A, 208/120V, 3-PH, 4W

		NEC D.F.	
EXISTING PEAK PER ECORD DRAWINGS	= 35.7 KVA	x	100% = 35.7 KVA

LOAD CHANGE			
REMOVED LOAD	= 15.0 KVA	x	100% = 15.0 KVA
NEW LOAD	= 10.0 KVA	x	100% = 10.0 KVA
TOTAL ADDED LOAD:			= -5.0 KVA

TOTAL DEMAND LOAD	= 30.7 KVA
TOTAL CAPACITY (200A)	= 90.1 KVA

*NEGATIVE INDICATES OVERALL LOAD REMOVED. NO FURTHER JUSTIFICATION IS NEEDED.

CU ANSCHUTZ MEDICAL CAMPUS DENTAL SCHOOL LOUNGE RENOVATION

13065 East 17th Avenue, Aurora, CO 80045

History	Date
△ ISSUE FOR CONSTRUCTION	11.03.2023

DATE: 11.03.2023
PROJECT #: 2022.101

DRAWN BY: KLY
DESIGNED BY: KLY
CHECKED BY: KLY

ELECTRICAL SCHEDULES

E-501



COMcheck Software Version 4.1.5.5
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: CU ANSCHUTZ MEDICAL CAMPUS DENTAL SCHOOL LOUNGE RENOVATION
Project Type: Alteration

Construction Site: Owner/Agent: Designer/Contractor:
KEVIN YINGLING
INNOVATIVE ELECTRICAL SYSTEMS,
INC.
8093 WEST ILIFF LANE
LAKEWOOD, CO 80227
303-807-7181
KLY@IESYSTEMS-INC.COM

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-School/University			
Total Allowed Watts =			N/A

Area Category Exemption Qualifications

Activity Area	# Fixtures		Total # Watts	
	Pre-Alt.	Repl./Added	Pre-Alt.	Post-Alt.
School/University (3000 sq ft) Exemption: Less than 10% fixture replacement.	51	5	360,000	41,000

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
School/University (3000 sq ft): Exempt				
Total Proposed Watts =			N/A	

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

KEVIN L. YINGLING, PE *Kevin Yingling* 5-12-23
Name - Title Signature Date



COMcheck Software Version 4.1.5.5
Inspection Checklist

Energy Code: 2015 IECC

Requirements: 0.0% were addressed directly in the COMcheck software
Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: CU ANSCHUTZ MEDICAL CAMPUS DENTAL SCHOOL LOUNGE RENOVATION Report date: 05/08/23
Data filename: C:\Users\kly\Desktop\2023004.00 CU Dental School Lounge\Sched\ENERGY CALC.cck Page 2 of 3

Project Title: CU ANSCHUTZ MEDICAL CAMPUS DENTAL SCHOOL LOUNGE RENOVATION Report date: 05/08/23
Data filename: C:\Users\kly\Desktop\2023004.00 CU Dental School Lounge\Sched\ENERGY CALC.cck Page 3 of 3

*TOTAL WATTS PRE-ALT AND POST-ALT ONLY INCLUDE THE FIXTURES REMOVED AND THE NEW. THIS IS ENOUGH TO INDICATE NEW OAD IS LESS THAN EXISTING LOAD WITHOUT THE NEED TO LOOK UP ALL THE EXISTING FIXTURES IN THE SPACE.

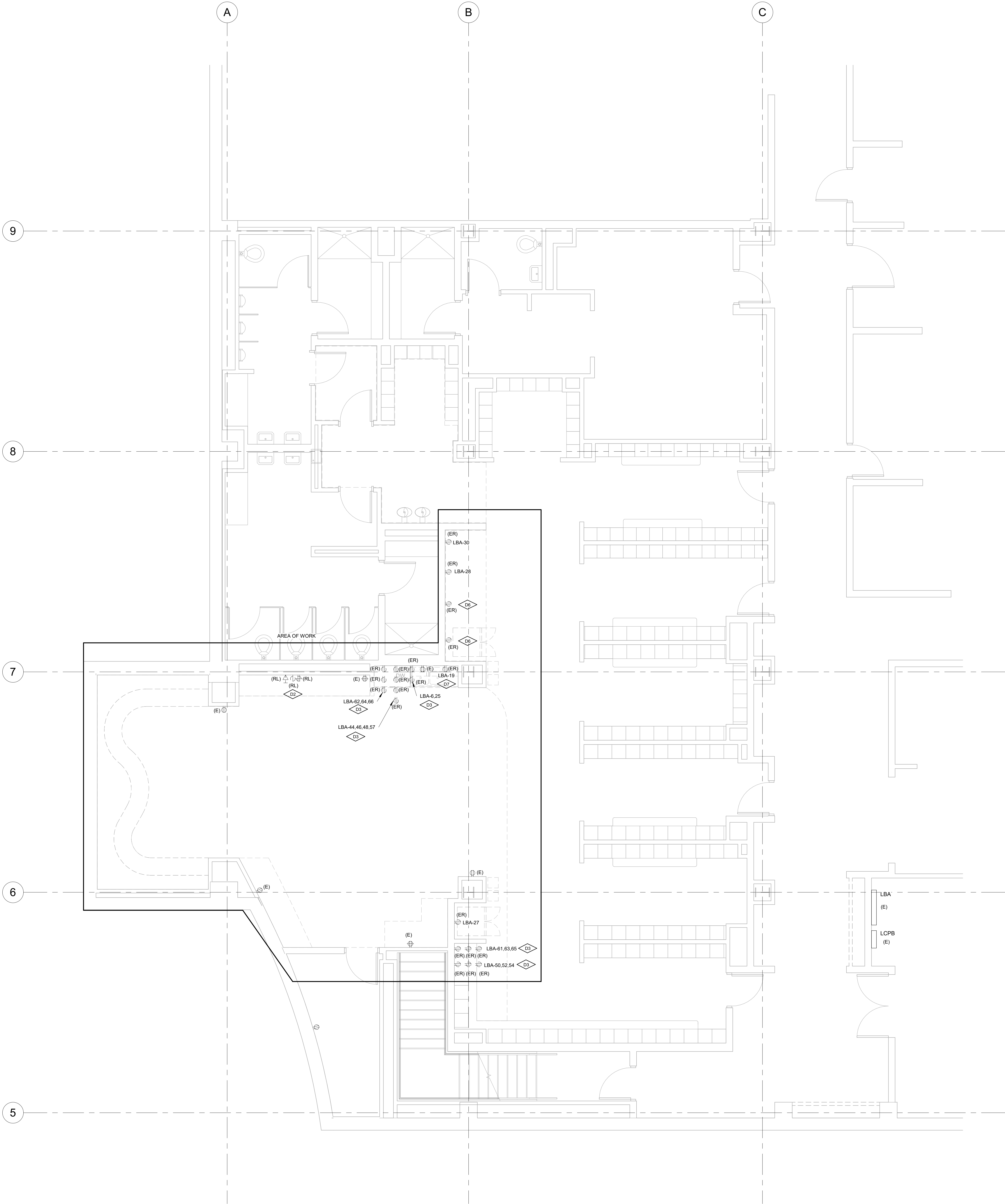
CU ANSCHUTZ MEDICAL CAMPUS
DENTAL SCHOOL LOUNGE RENOVATION
13065 East 17th Avenue, Aurora, CO 80045

History	Date
ISSUE FOR CONSTRUCTION	11.03.2023
DATE:	11.03.2023
PROJECT #:	2022.101
DRAWN BY:	KLY
DESIGNED BY:	KLY
CHECKED BY:	KLY

ELECTRICAL
ENERGY
CALCULATION
E-900

11/2/2023 10:05:31 AM THE ORIGINAL OF THIS DRAWING IS 30" X 42". IF THIS COPY IS ANY OTHER SIZE, IT HAS BEEN REDUCED OR ENLARGED.

1 DEMOLITION POWER PLAN
1/4" = 1'-0"



KEYNOTE LEGEND	
Key Value	Keynote Text
D2	TV IS BRING RAISED. RAISE ALL POWER AND LOW VOLTAGE FOR EXISTING TV UP TO NEW HEIGHT.
D3	CIRCUITS INDICATED ARE SPREAD ACROSS THE DEVICES IN THIS COLUMN OF OUTLETS.
D6	DEMO EXISTING DUPLEX BUT MAINTAIN CIRCUIT. A NEW OUTLET WITH REMOTE GFCI WILL BE INSTALLED AT THIS LOCATION.
D7	EXISTING INSTA HOT CIRCUIT ABOVE COUNTER. RELOCATE CIRCUIT TO BELOW COUNTER. REFER TO NEW PLANS.

CU ANSCHUTZ MEDICAL CAMPUS
DENTAL SCHOOL LOUNGE RENOVATION

13065 East 17th Avenue, Aurora, CO 80045

History	Date
△ ISSUE FOR CONSTRUCTION	11.03.2023

DATE:	11.03.2023
PROJECT #:	2022.101
DRAWN BY:	KLY
DESIGNED BY:	KLY
CHECKED BY:	KLY

DEMOLITION
POWER PLAN

ED-101

G SQUARED DESIGN
10920 W. ALAMEDA AVE, SUITE 100
LAKEWOOD, COLORADO 80226
720.502.4156



D4	120V CIRCUIT, AND DIMMING SWITCH FOR THE THREE DOWNLIGHTS IN THIS SOFFIT SHALL BE REUSED FOR NEW LIGHTING.
D5	SWITCH INDICATES AN ENTIRE SWITCH BANK AT THIS LOCATION. ALL SWITCHES SHALL BE EXISTING TO REMAIN.

13065 East 17th Avenue, Aurora, CO 80045

History	Date
ISSUE FOR CONSTRUCTION	11.03.202

DRAWN BY: KLY
DESIGNED BY: KLY
CHECKED BY: KLY

DEMOLITION LIGHTING PLAN

ED-111