

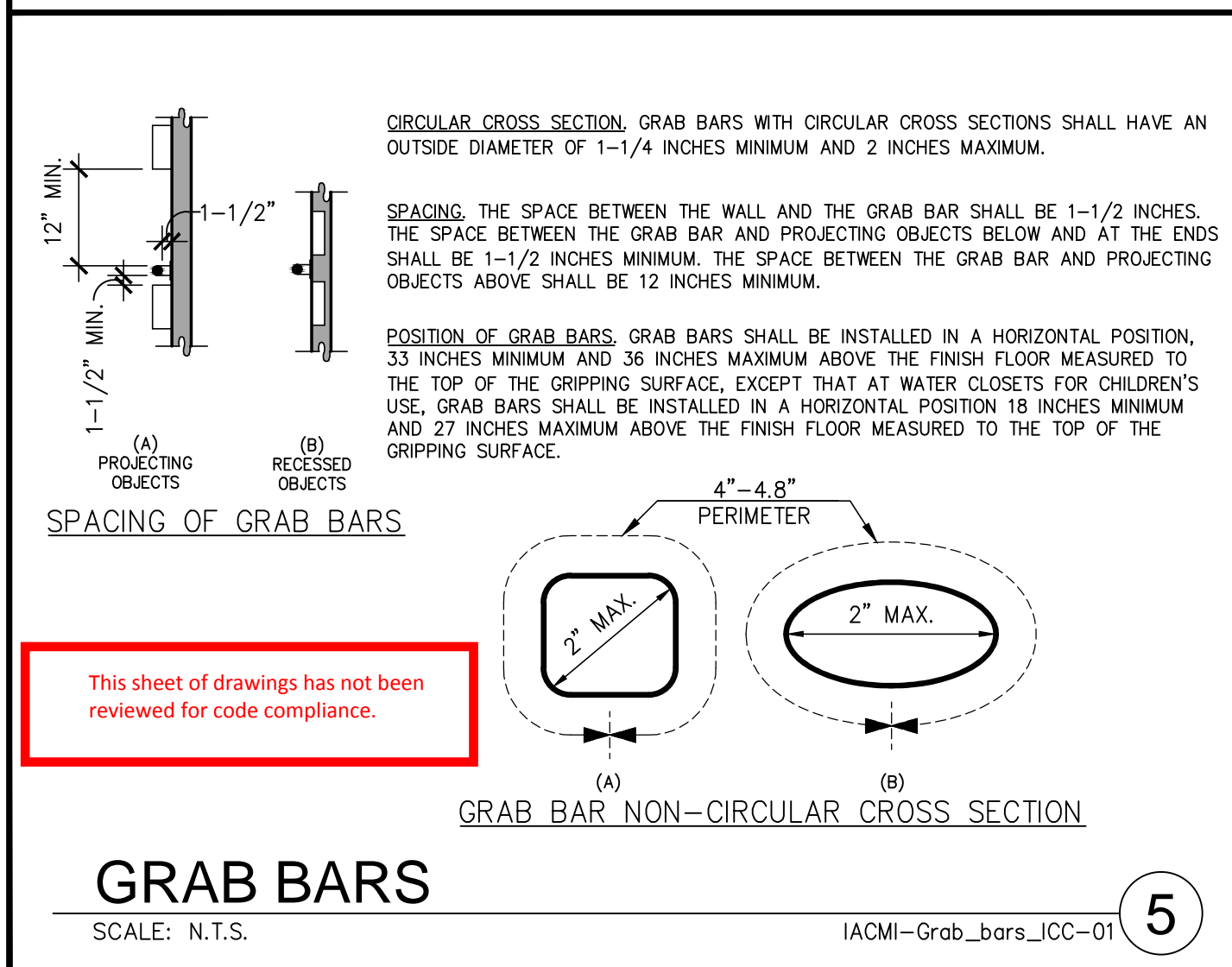
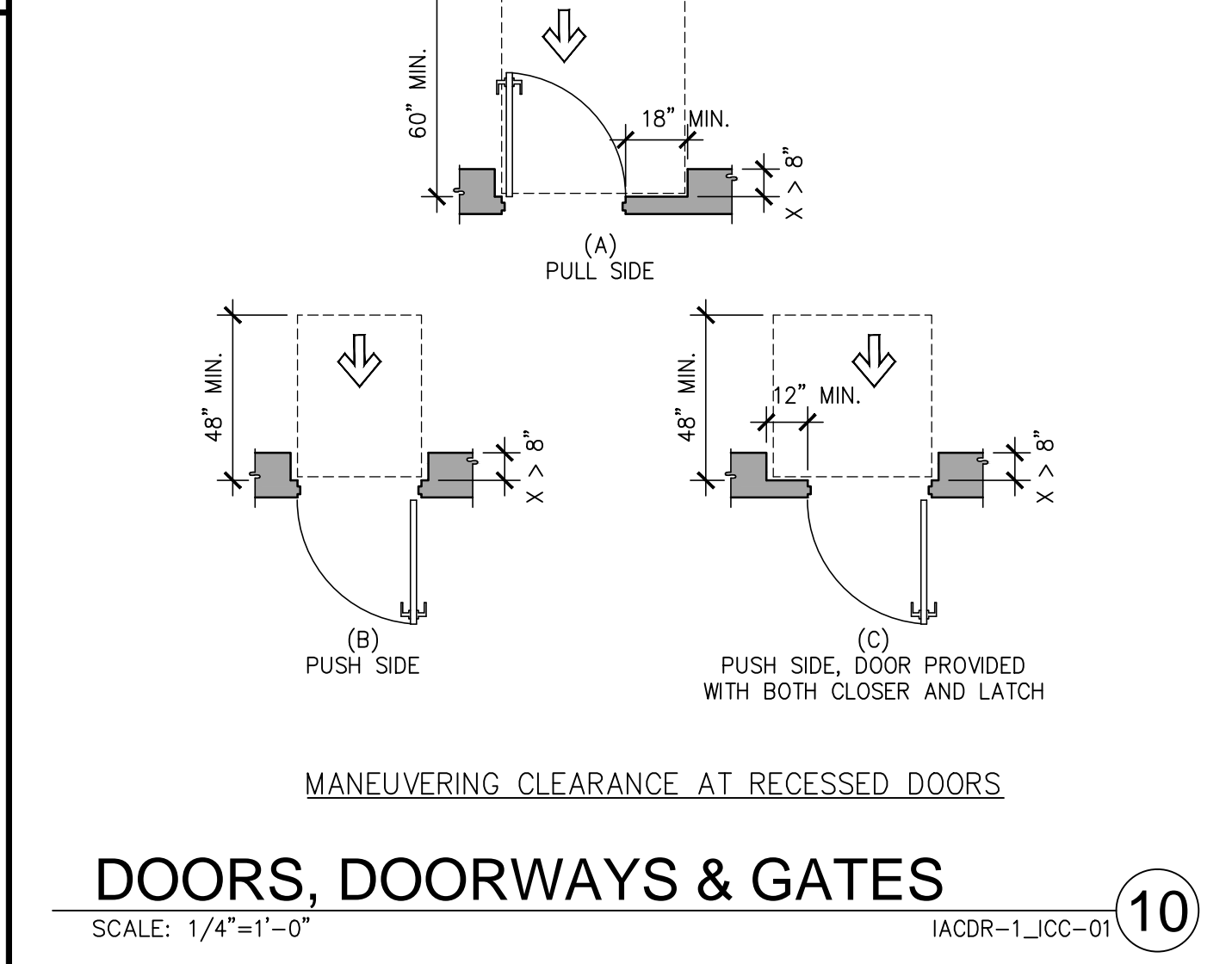
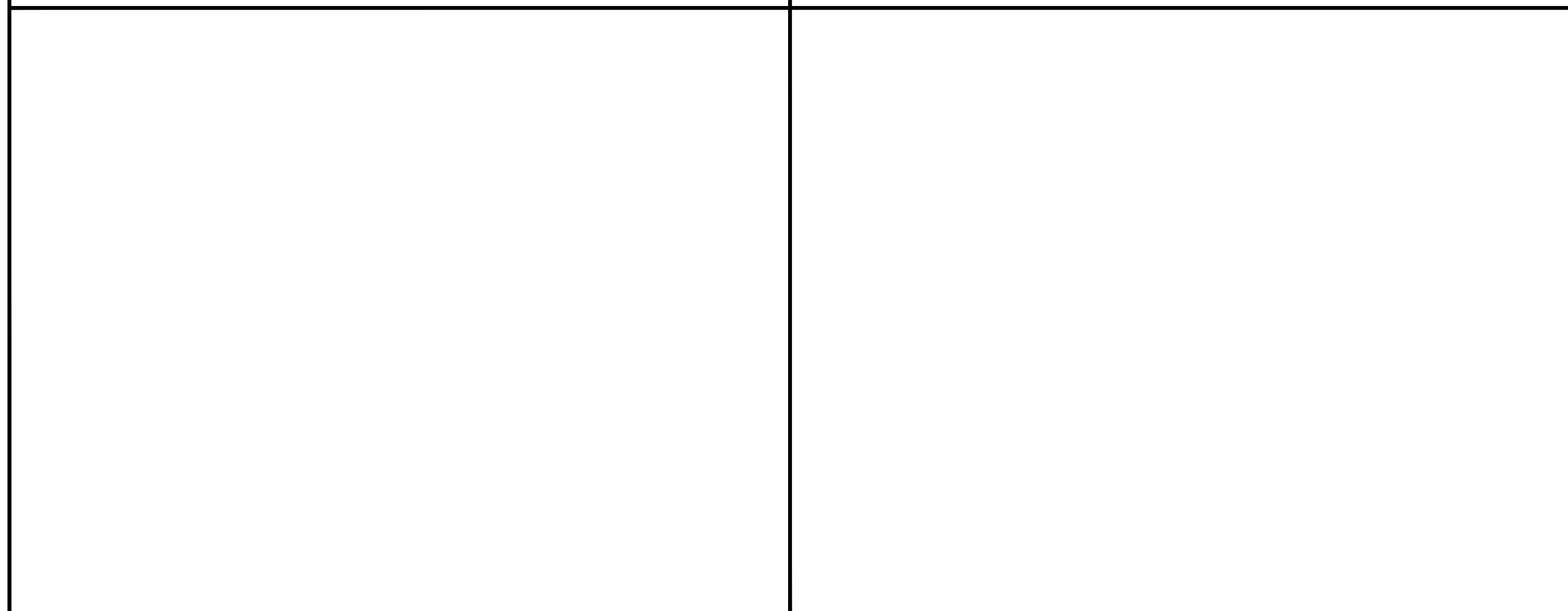
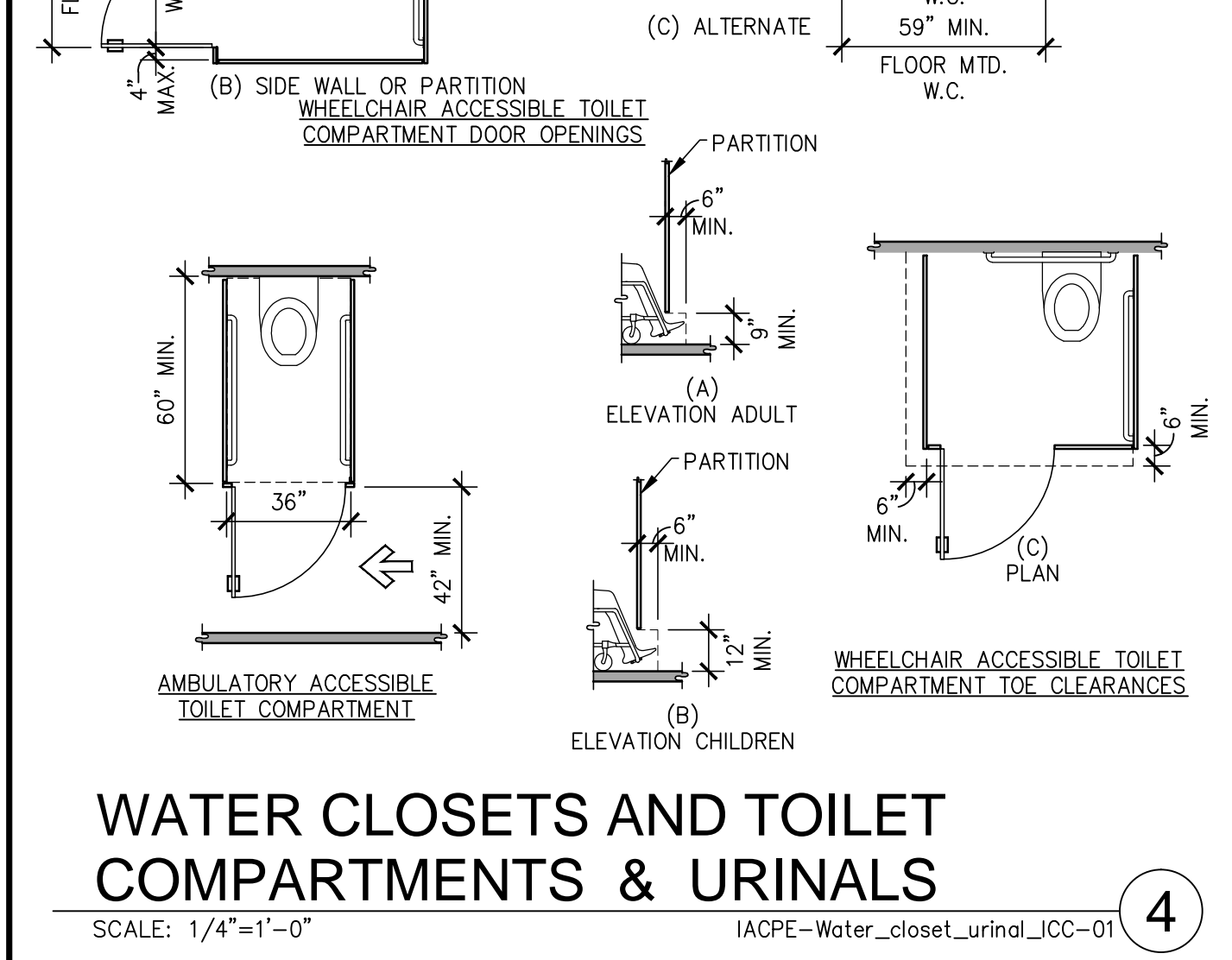
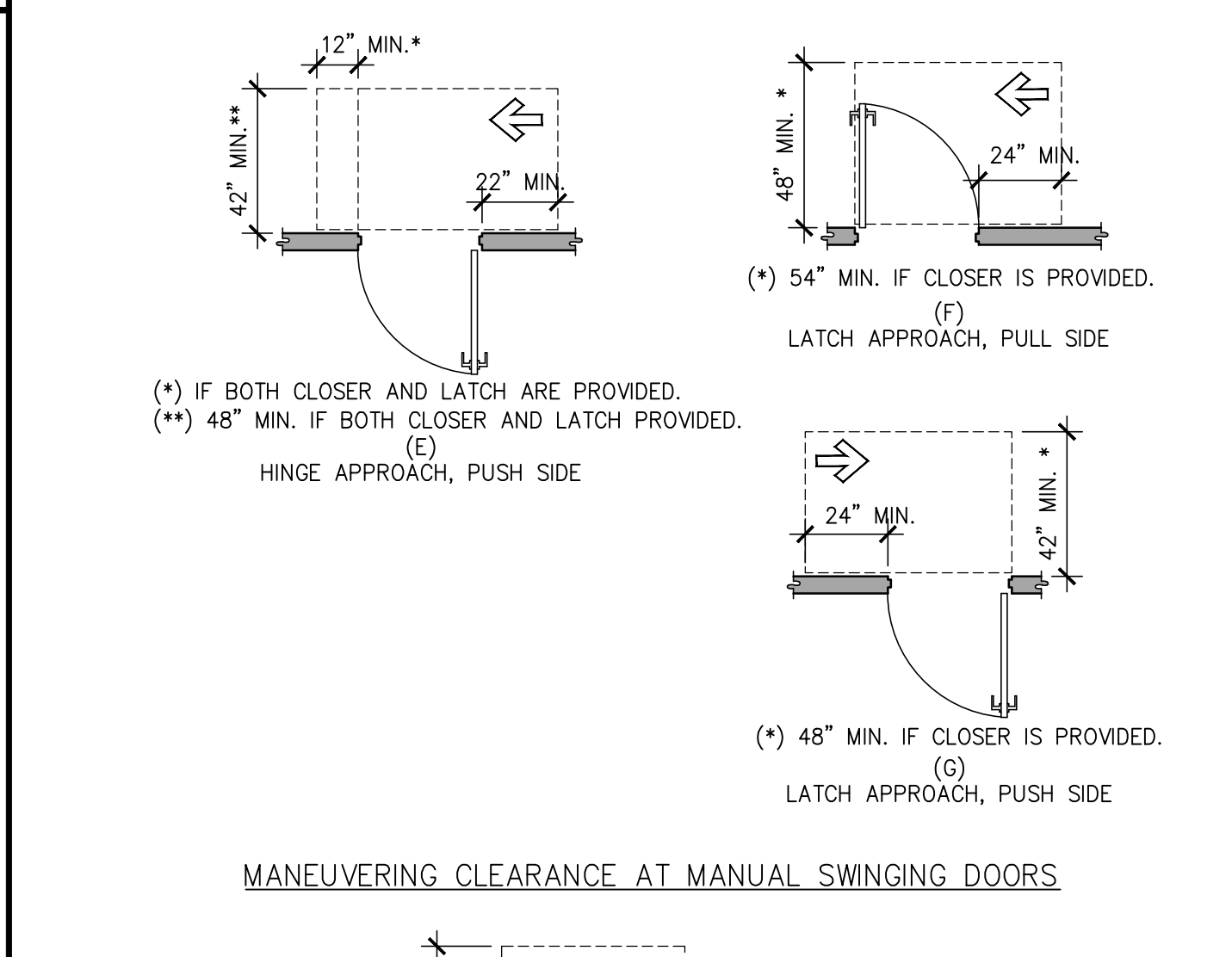
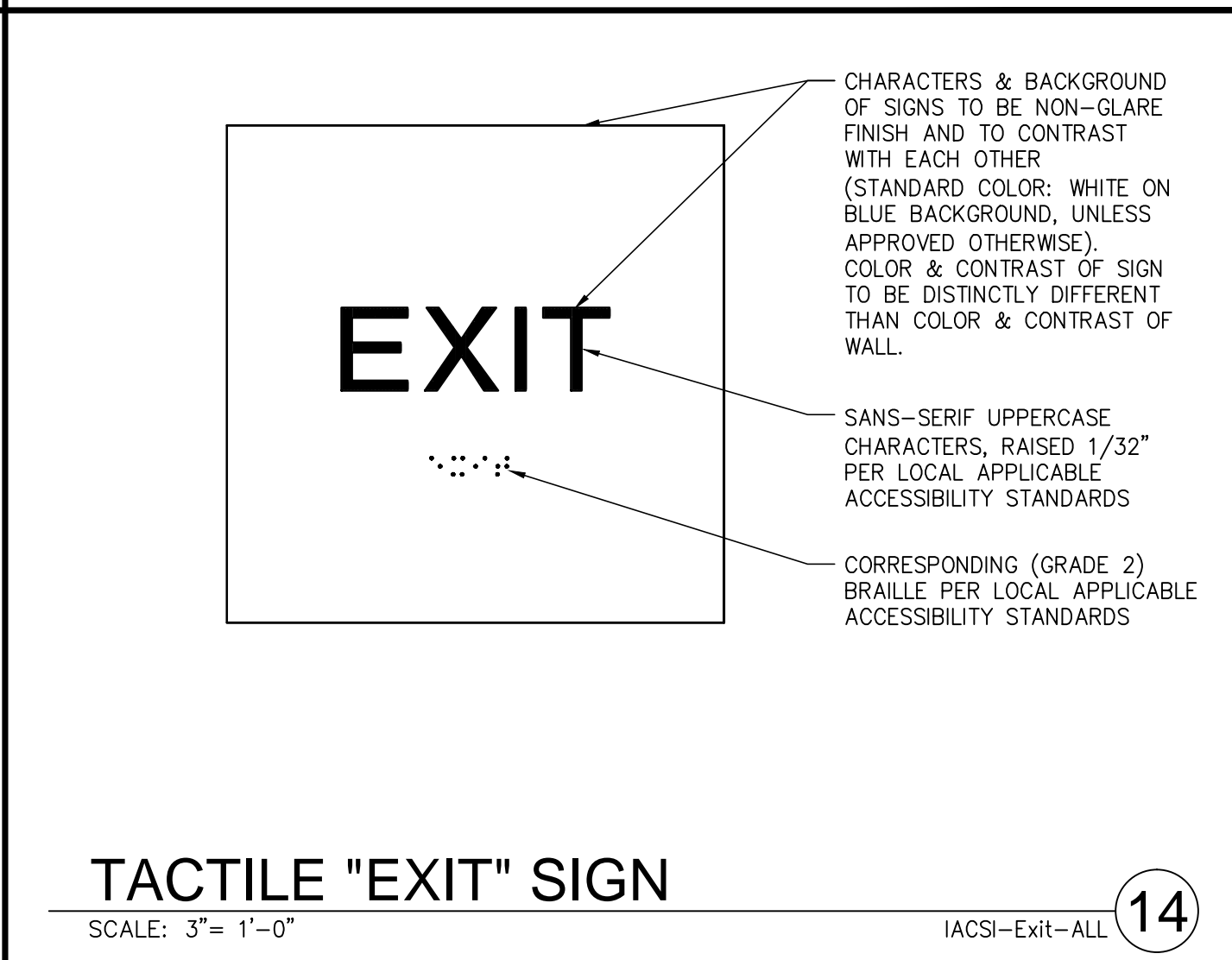
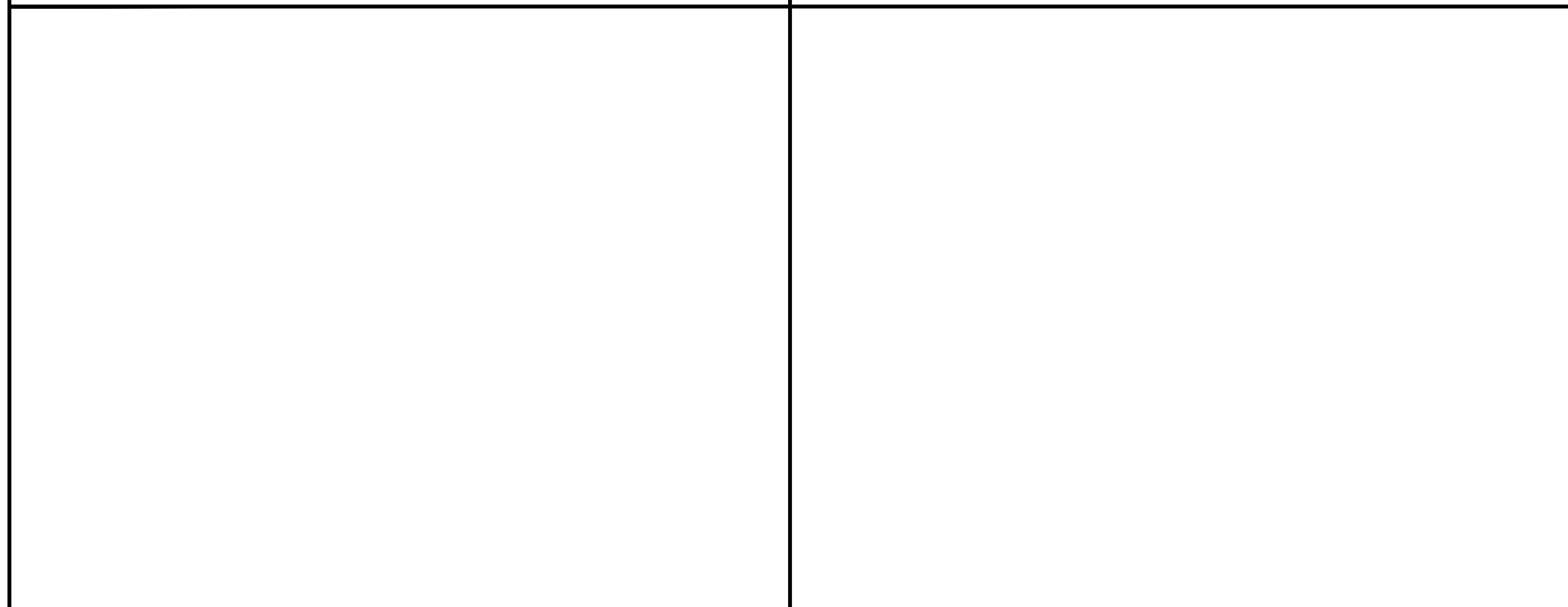
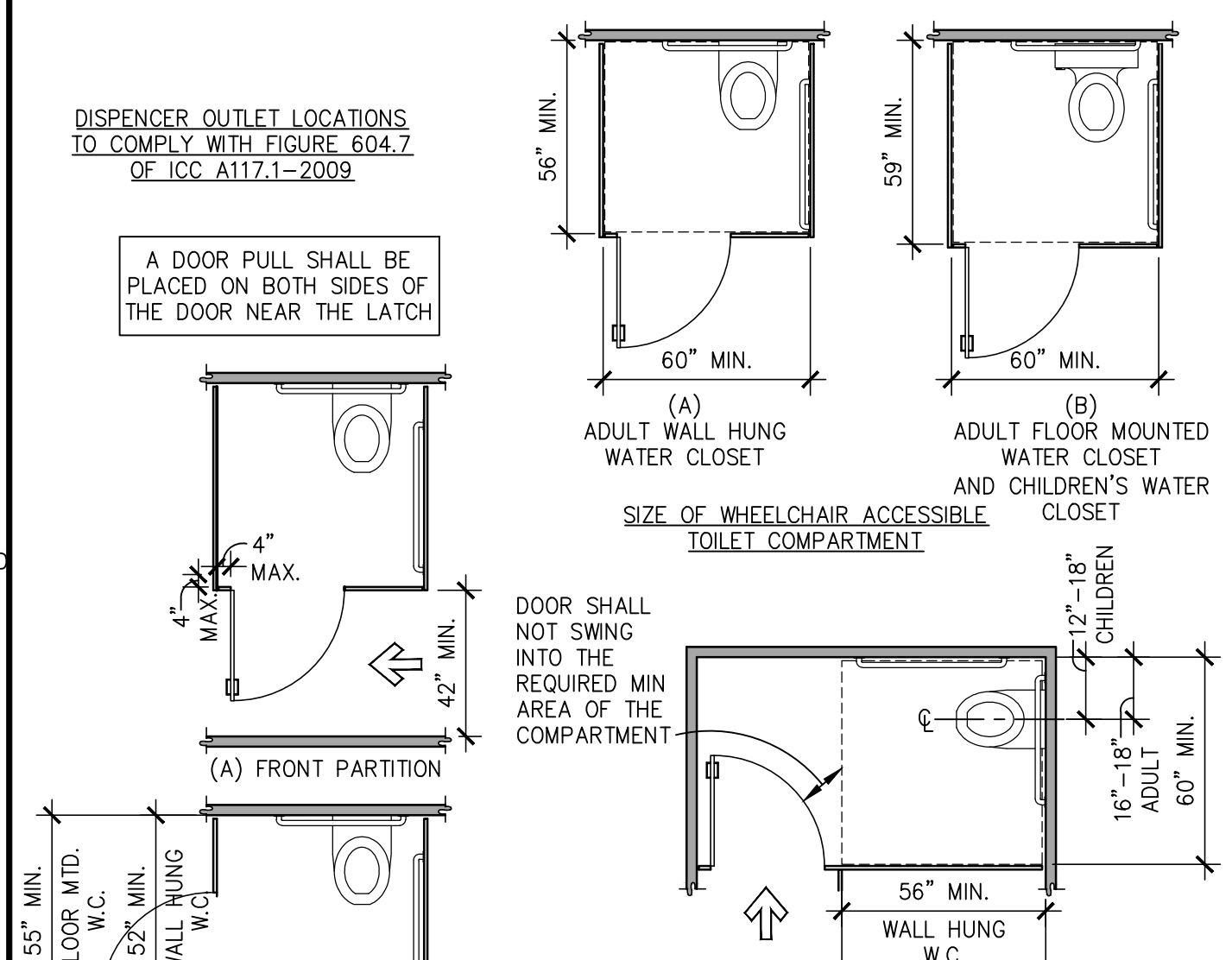
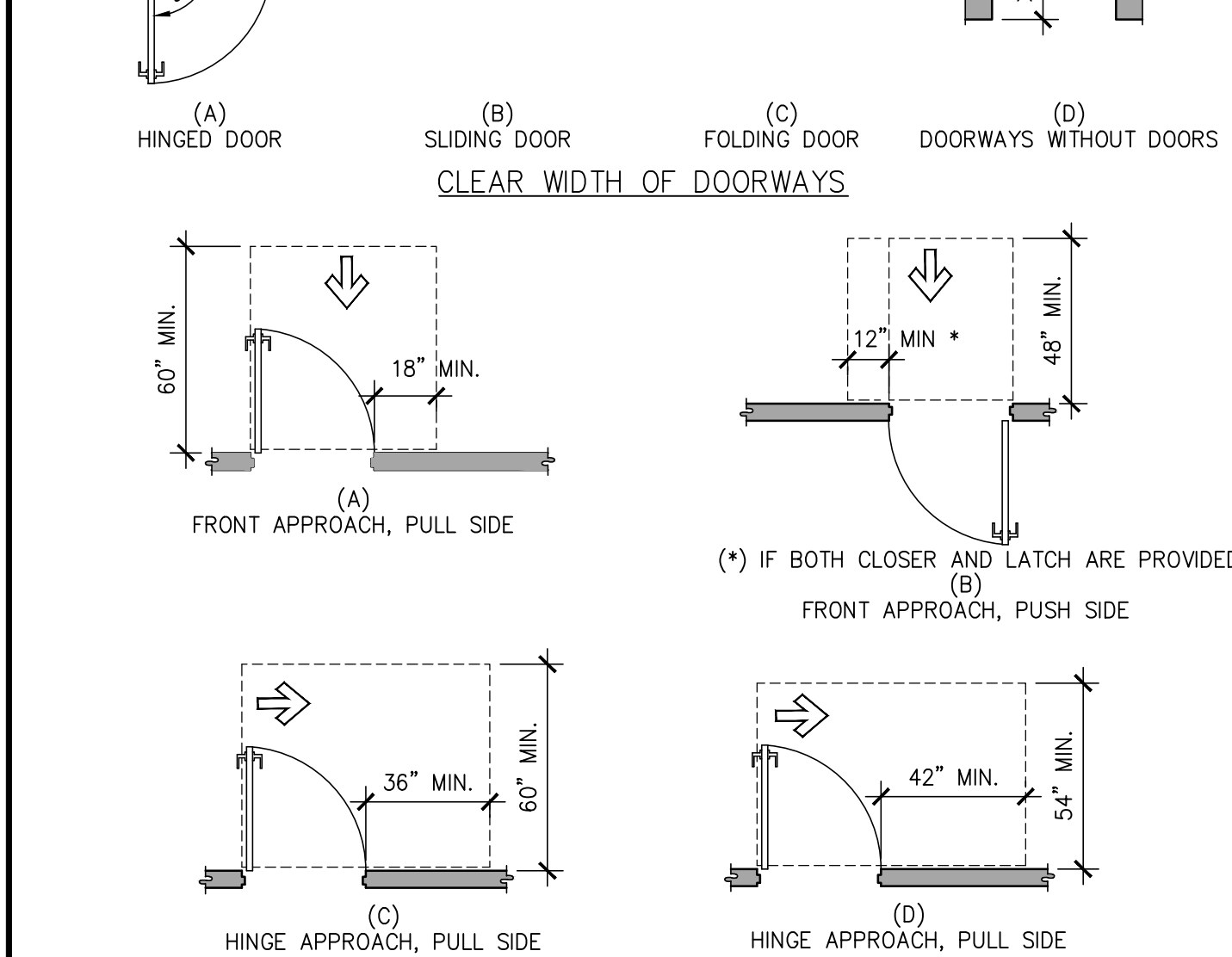
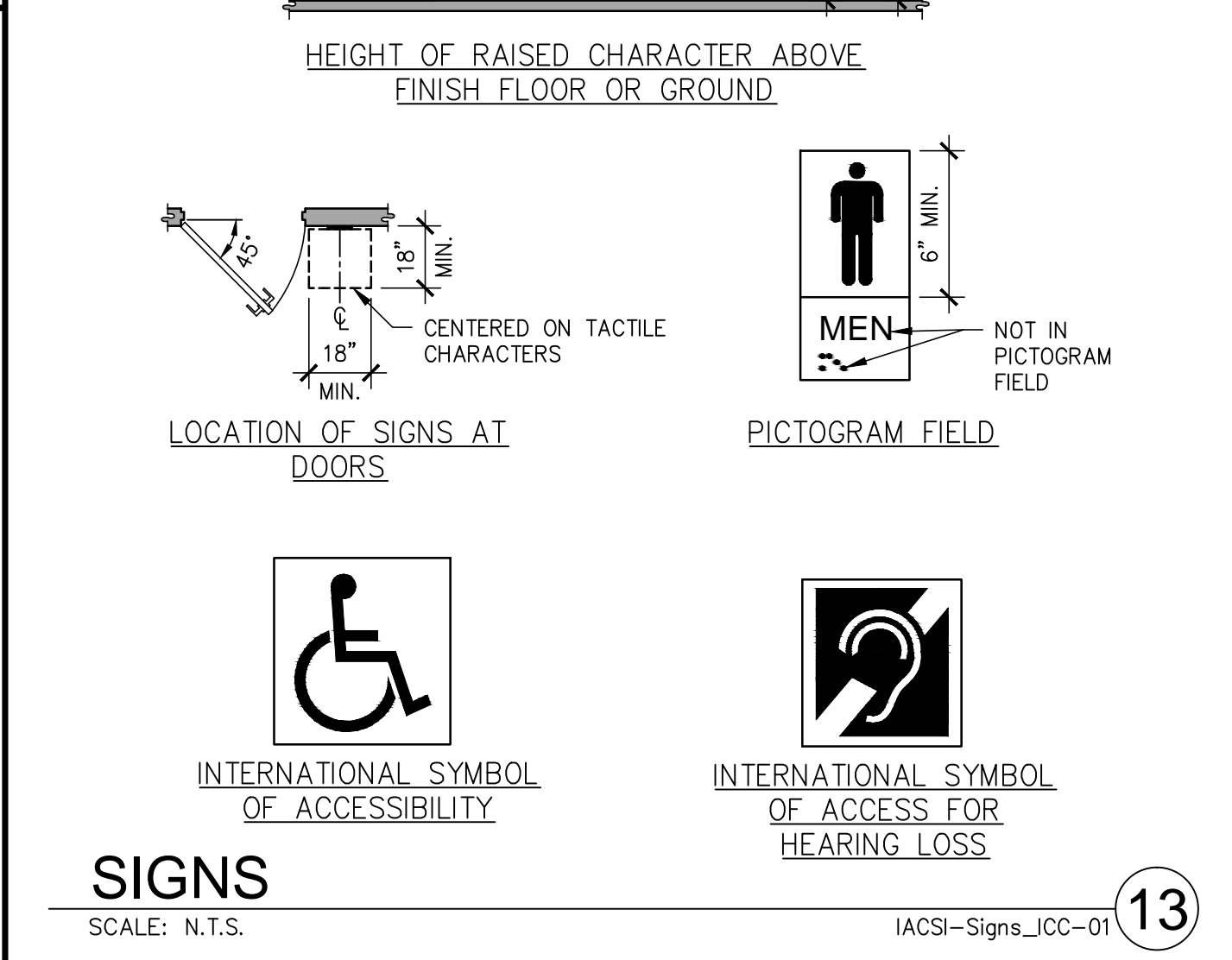
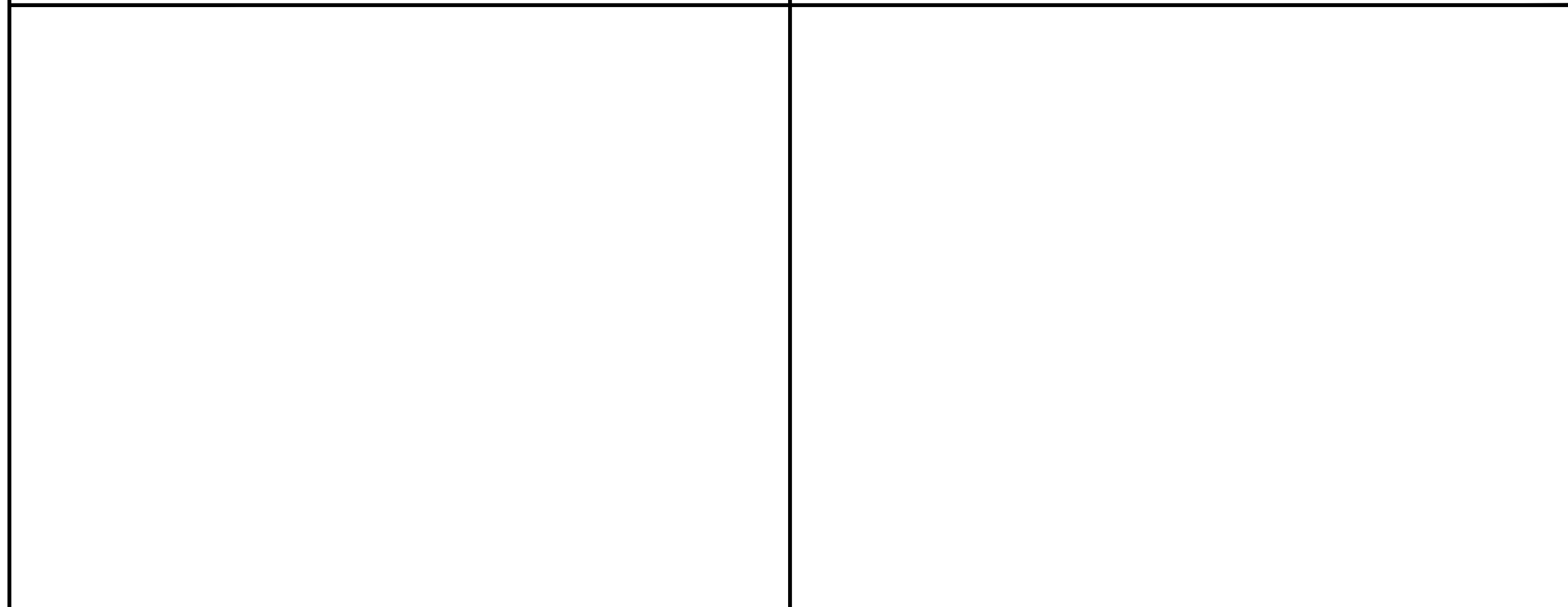
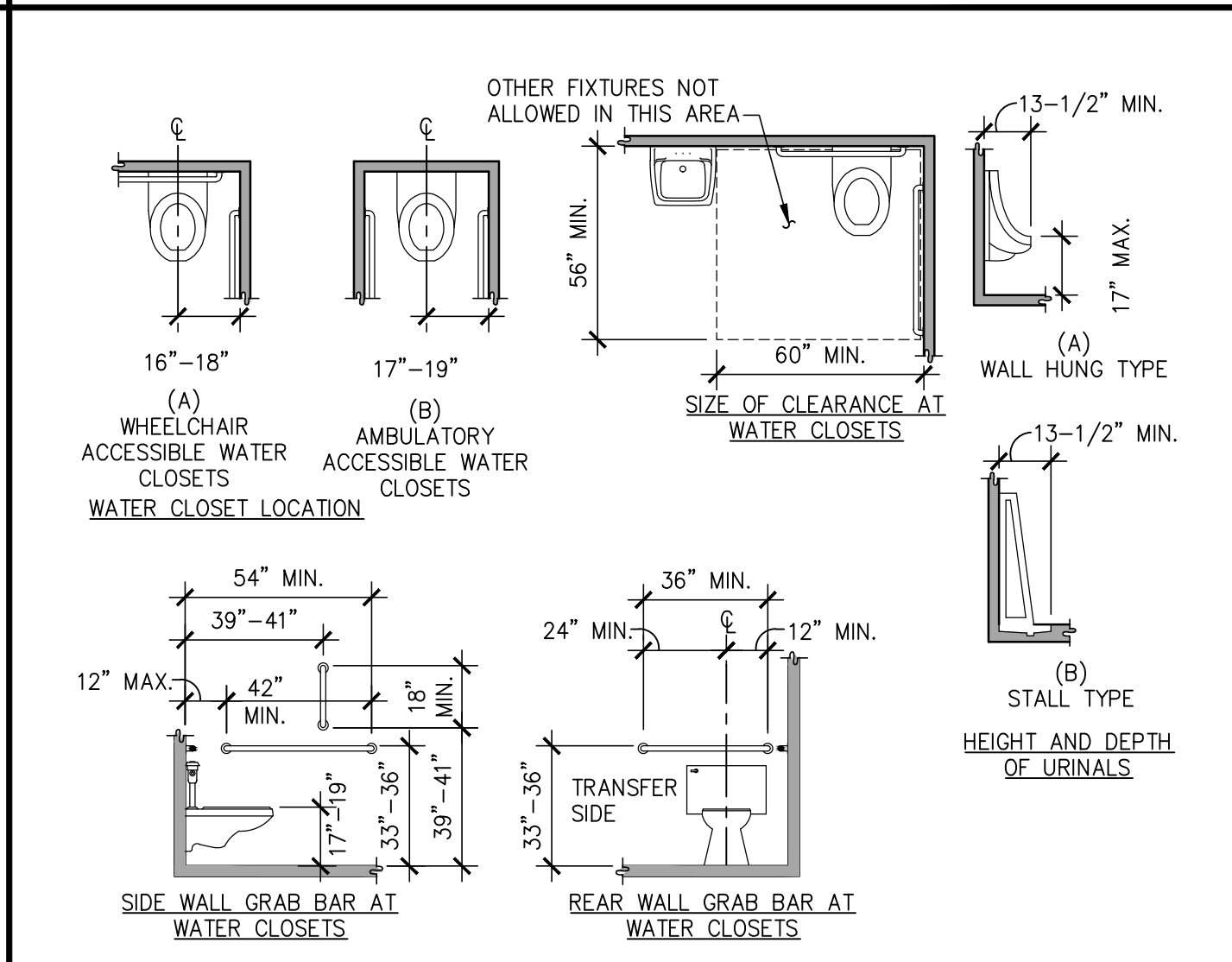
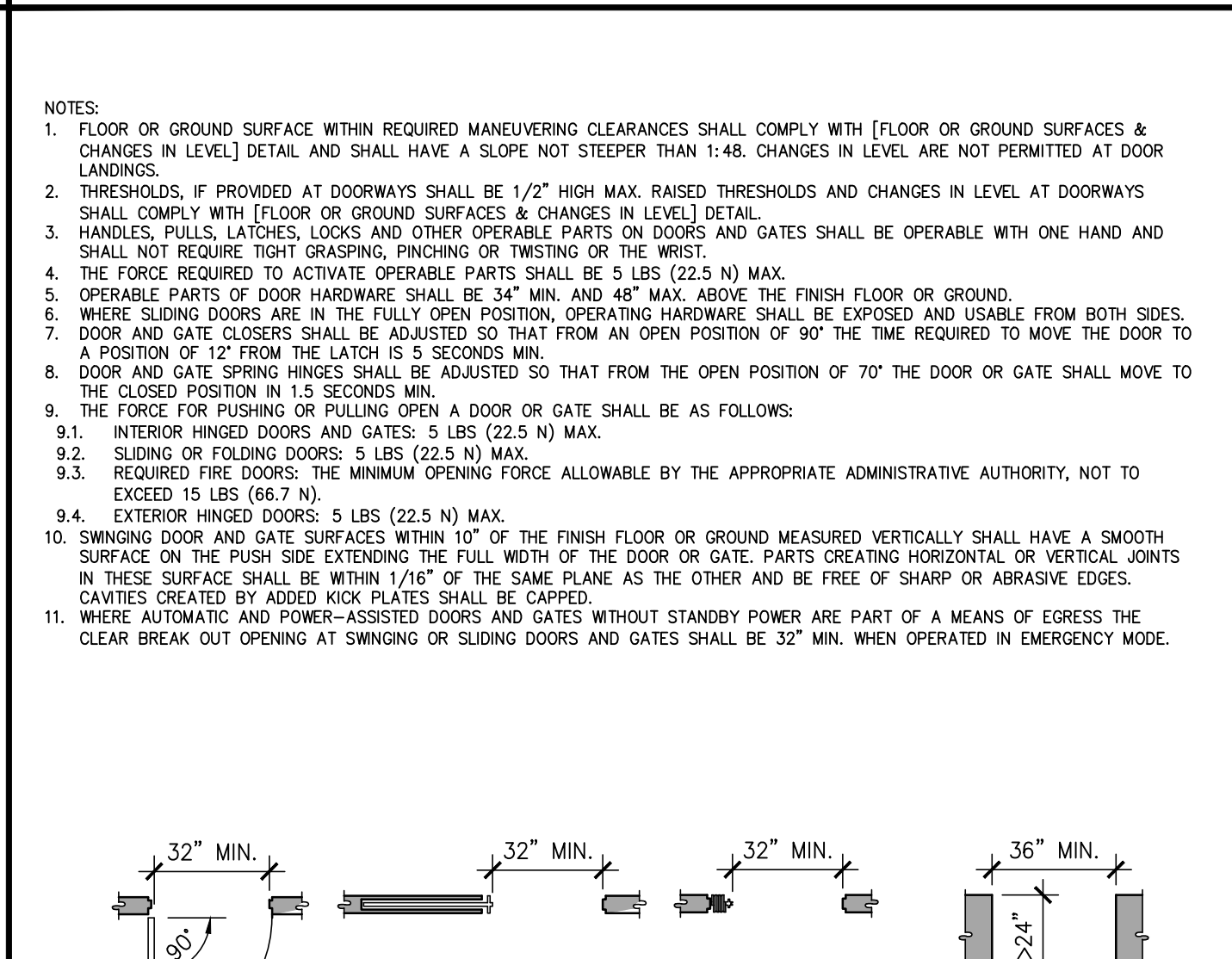
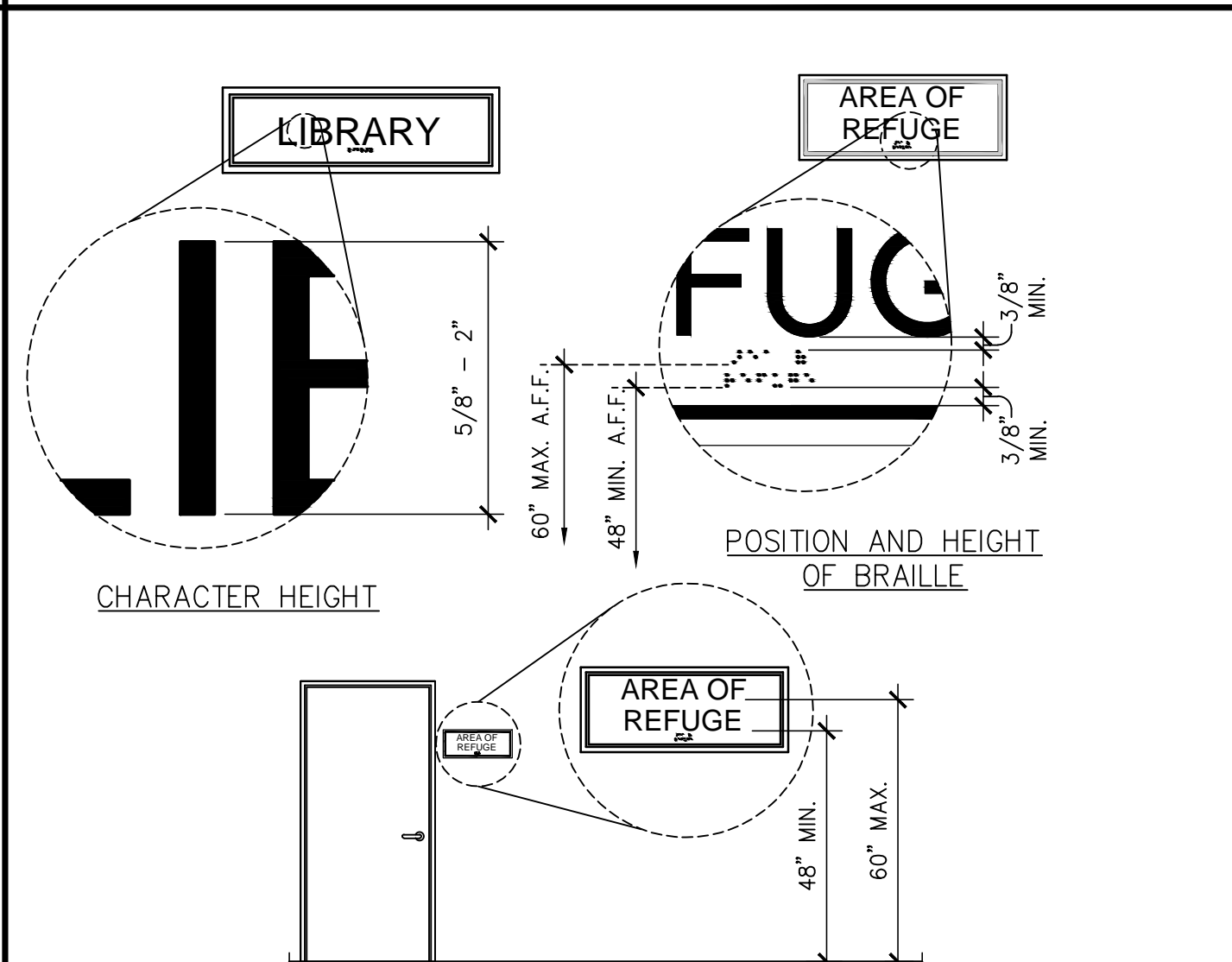
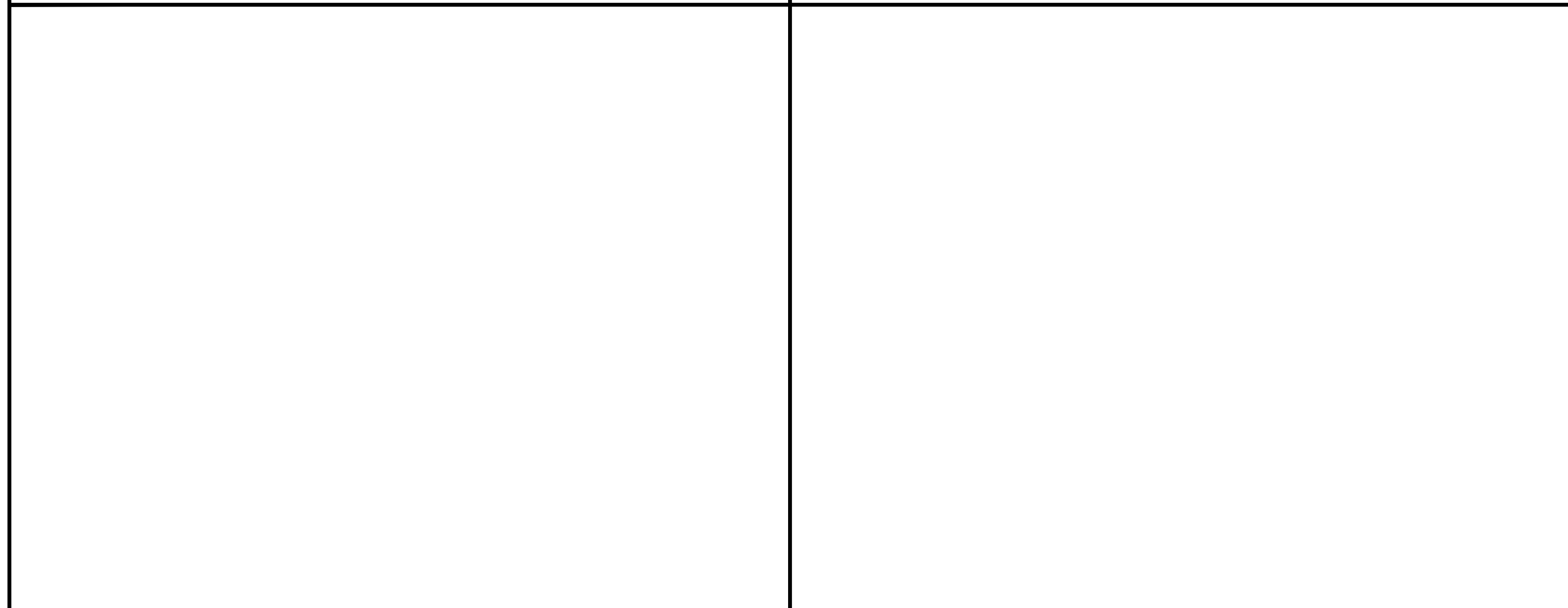
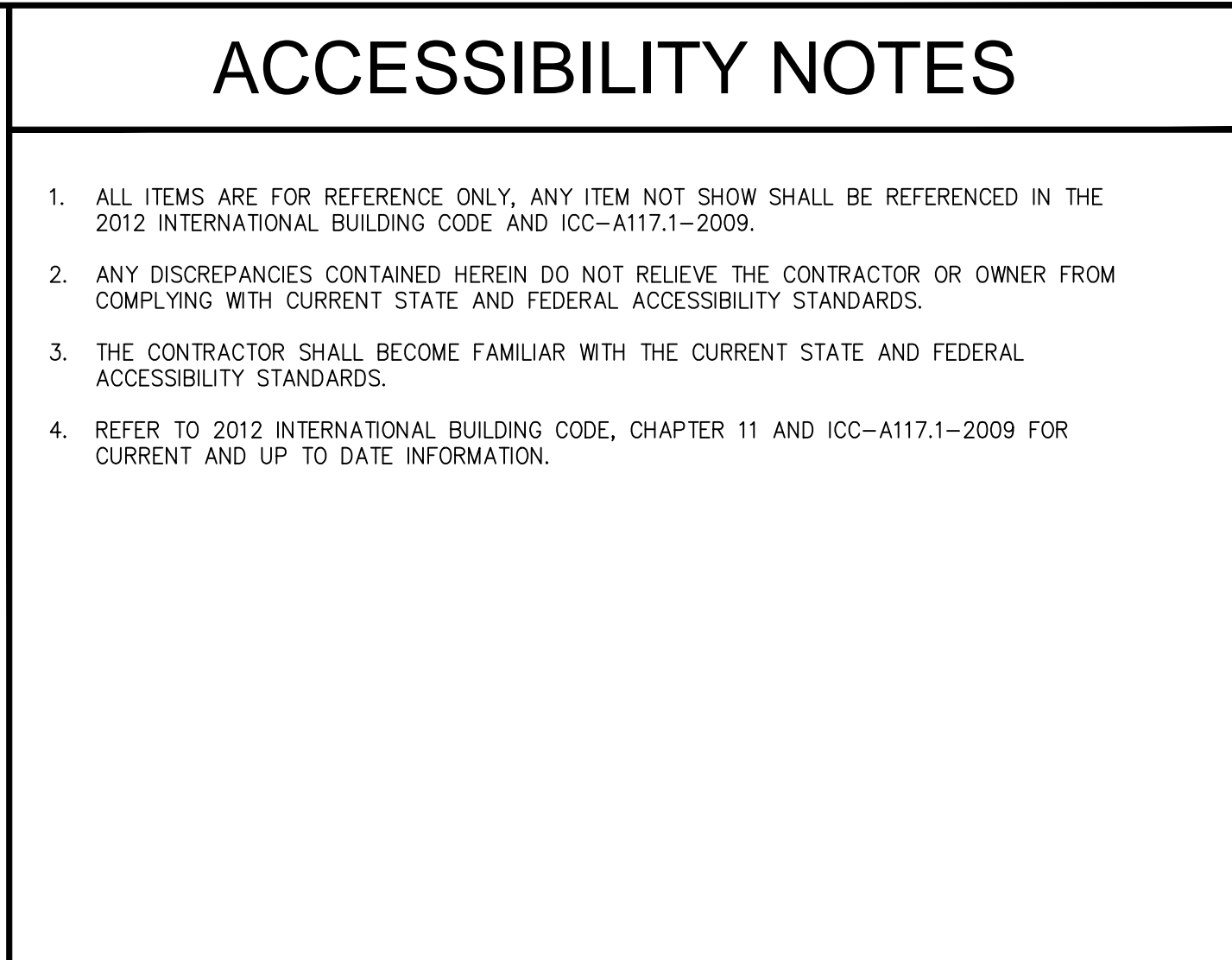
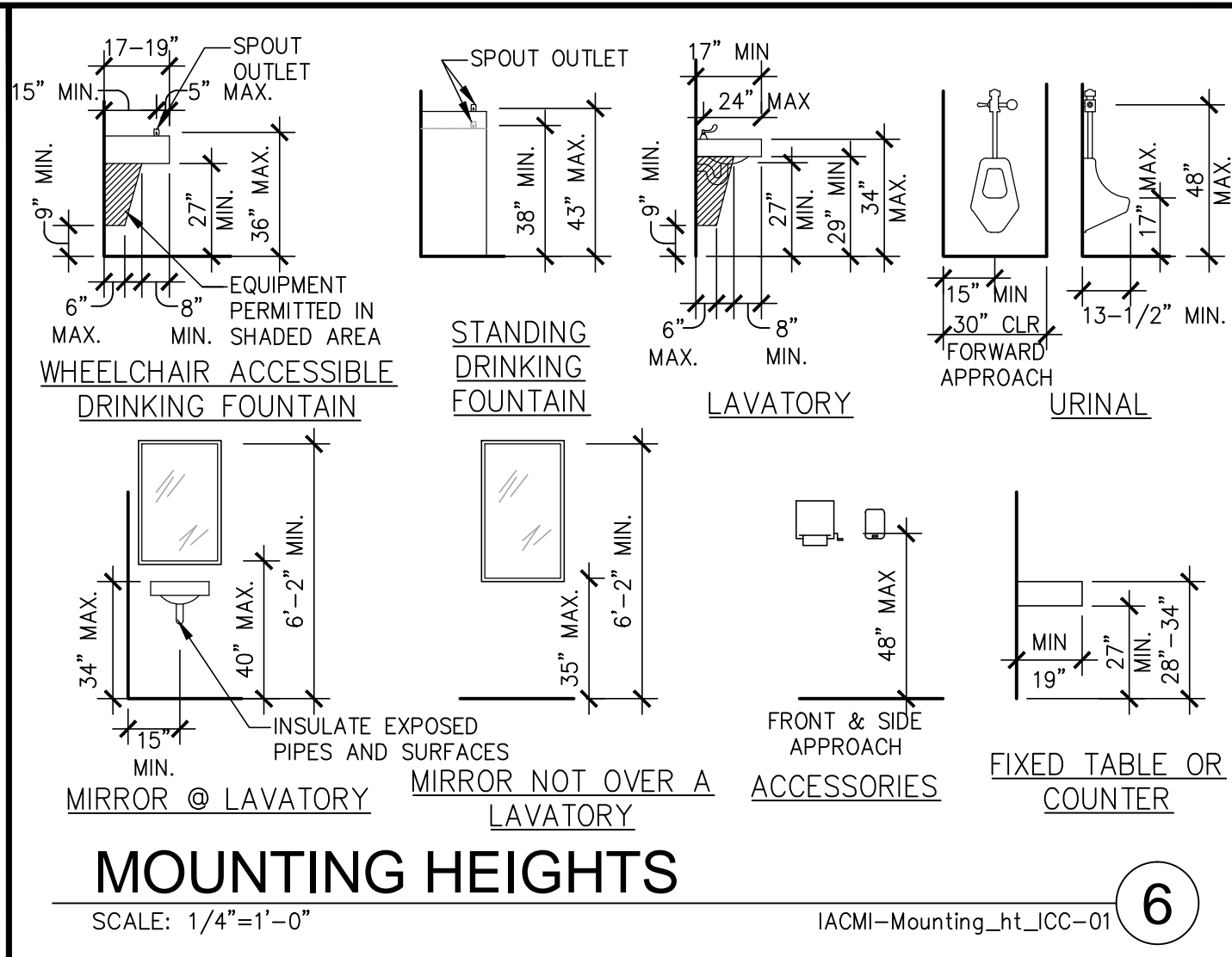
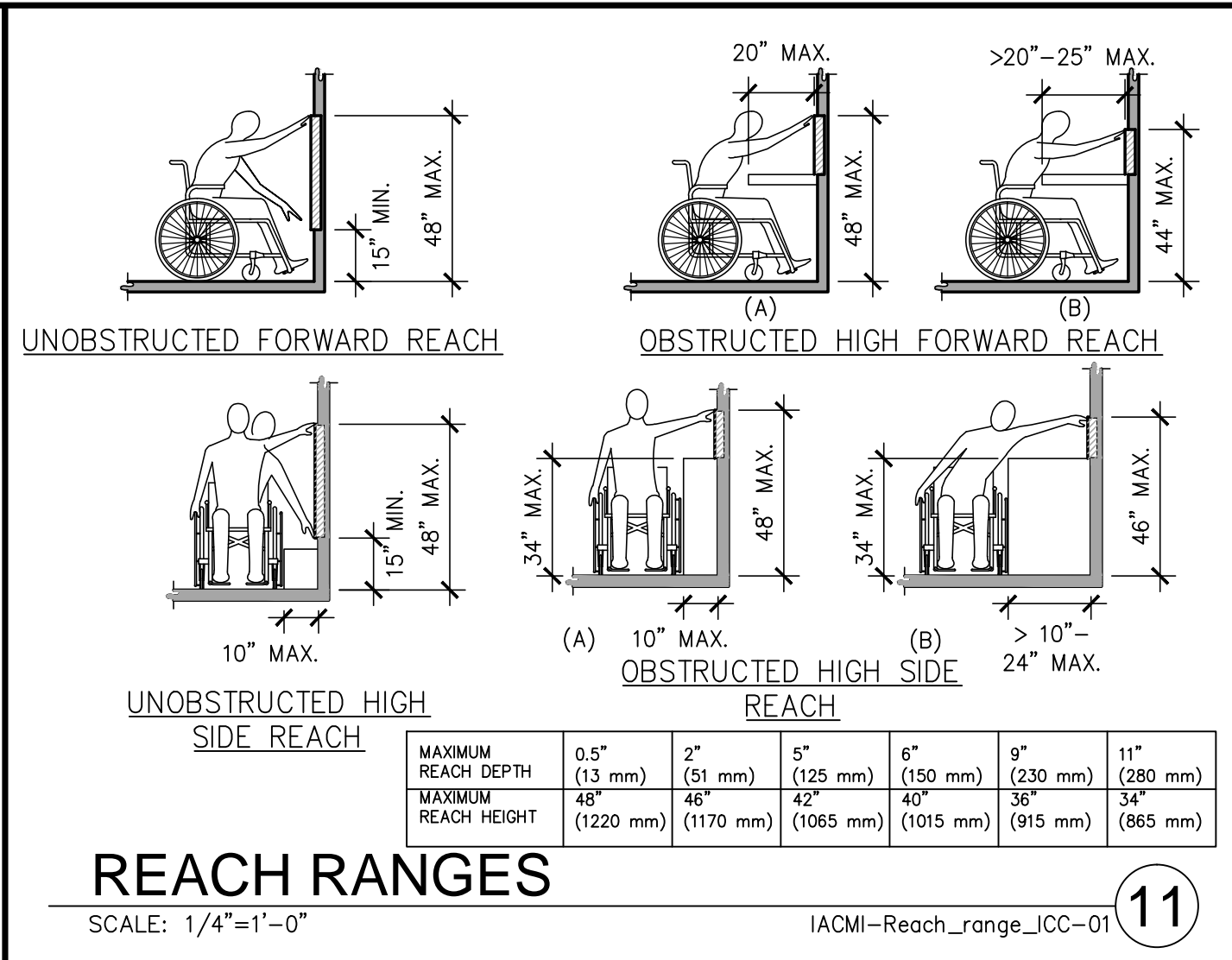
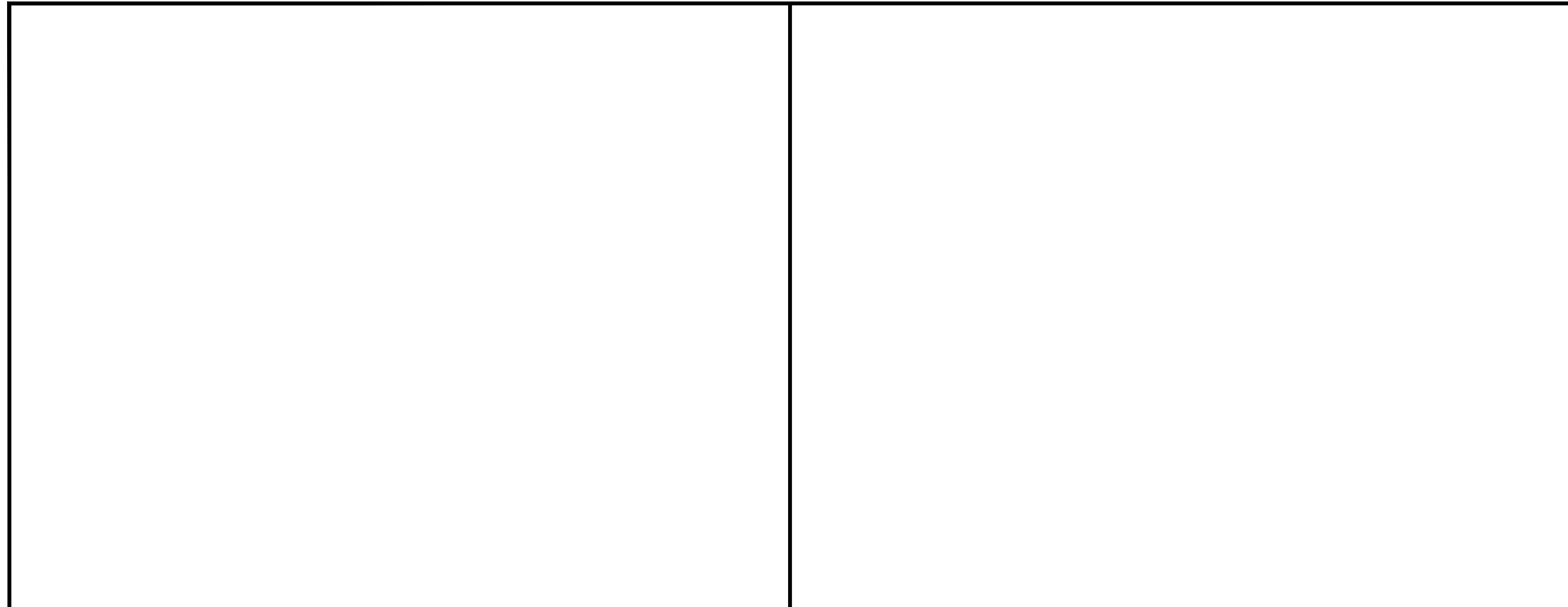




GLAZING NOTES		DEMOLITION NOTES		FINISH NOTES		CEILING NOTES		PARTITION PLAN NOTES		FIRE AUTHORITY NOTES	
<div>1. EACH LIGHT SHALL BEAR THE MANUFACTURER'S LABEL DESIGNATING THE TYPE AND THICKNESS OF THE GLASS.</div> <div>2. GLASS SHALL BE FIRMLY SUPPORTED ON ALL FOUR EDGES.</div> <div>3. FIELD MEASURE ALL OPENINGS PRIOR TO FABRICATION.</div> <div>4. ALL GLAZING WITHIN A 24" ARC OF EITHER EDGE OF A DOOR AND WITHIN 60" OF THE FLOOR SHALL BE TEMPERED. (SAFETY GLASS)</div> <div>5. ALL GLASS SHALL COMPLY WITH THE REQUIREMENTS OF STATE AND LOCAL CODES AND THE U.S. PRODUCT SAFETY COMMISSIONS' SAFETY STANDARDS FOR ARCHITECTURAL GLAZING MATERIALS.</div> <div>6. WHERE JOINTS ARE REQUIRED IN MULTIPLE LITE SITUATIONS, SILICON IS TO BE PROVIDED U.O.N.</div>		<div>1. DRAWINGS OF EXISTING CONDITIONS HAVE BEEN COMPILED FROM EXISTING DATA SUPPLIED BY THE OWNER TO THE ARCHITECT. THE ARCHITECT MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, FOR THE ACCURACY OF THE COMPLETENESS OF THE EXISTING INFORMATION RECORDED. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES OR CONFLICTS THAT MIGHT ARISE IN THE COURSE OF THE DEMOLITION WORK.</div> <div>2. VERIFY LOCATIONS OF EXISTING MECHANICAL, PLUMBING AND ELECTRICAL UTILITIES. LOCATE AND PROTECT UTILITIES TO REMAIN. DISCONNECT, REMOVE BACK TO NEAREST JUNCTION BOX OR PANEL, AS REQUIRED, AND CAP DESIGNATED UTILITIES WITHIN THE DEMOLITION AREA. REFER TO THE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFO.</div> <div>3. EXISTING ELECTRICAL AND TELEPHONE OUTLETS LOCATED ON DEMOLISHED WALLS ARE TO BE REMOVED INCLUDING CONDUIT AND WIRING BACK TO JUNCTION BOX. LOCATIONS ARE TO BE PATCHED AND REPAIRED TO BE FLUSH WITH ADJACENT WALL SURFACE.</div> <div>4. WHERE PLUMBING FIXTURES ARE BEING REMOVED OR WHERE EXPOSED PLUMBING PIPES OCCUR, CAP LINES BEHIND FINISHED SURFACES. PATCH AND REPAIR AS REQUIRED.</div> <div>5. ALL EXISTING CONSTRUCTION WHERE INDICATED INCLUDING ELECTRICAL, TELEPHONE, PLUMBING AND MECHANICAL DEVICES NOT OTHERWISE INDICATED ON THESE CONSTRUCTION DRAWINGS SHALL BE REMOVED IN A CAREFUL MANNER SO AS NOT TO DAMAGE ADJOINING CONSTRUCTION.</div> <div>6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREON OR NOT AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL COSTS OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF HIS WORK.</div> <div>7. ALL EXISTING BUILDING UTILITIES SHALL REMAIN IN OPERATION DURING CONSTRUCTION. PROVIDE REROUTING OF UTILITIES SERVING ADJACENT AREAS THAT ARE TO MAINTAIN UNINTERRUPTED SERVICE. ANY TEMPORARY SUSPENSION OF SERVICE SHALL BE COORDINATED AND APPROVED BY THE FACILITY MANAGER, NOT LESS THAN 24-HOURS IN ADVANCE.</div> <div>8. THE CONTRACTOR WILL VERIFY AND CONFORM TO ALL REQUIREMENTS OF ALL UTILITY COMPANIES UNLESS OTHERWISE NOTED IN THE PLANS AND SPECIFICATIONS.</div> <div>9. THE DEMOLITION PLAN KEYNOTES ARE DIAGRAMMATIC AND GENERAL IN NATURE. THE INTENT IS TO ILLUSTRATE THE COMPLETE DEMOLITION OF THE SPACES INDICATED UNLESS NOTED OTHERWISE. FIELD VERIFICATION OF EXISTING CONDITIONS AND SPECIFIC QUANTITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.</div> <div>10. REMOVAL AND DISPOSAL OF DEMOLITION DEBRIS IS THE RESPONSIBILITY OF THE CONTRACTOR. VERIFY THE HAULING ROUTE THROUGH THE BUILDING, THE DEMOLITION STAGING AREA, AND THE LOCATION OF THE DUMPSTERS WITH THE OWNER PRIOR TO THE START OF DEMOLITION. DISPOSAL OF RUBBISH SHALL BE DONE IN A LEGAL MANNER.</div> <div>11. THE OWNER RESERVES THE RIGHT TO SALVAGE ANY DEMOLISHED ITEM. VERIFY ITEMS TO BE SALVAGED WITH THE OWNER PRIOR TO THE START OF DEMOLITION. REMOVE, PROTECT, CLEAN, REPAIR FOR REUSE AND TURN OVER SUCH ITEMS AS DIRECTED BY THE OWNER.</div> <div>12. IN ORDER TO INSTALL SOME OF THE NEW WORK (INCLUDING, BUT NOT LIMITED TO MECHANICAL, PLUMBING OR ELECTRICAL) IT WILL BE NECESSARY FOR THE CONTRACTOR AND HIS SUBCONTRACTORS TO REMOVE AND REPLACE (OR REFINISH) EXISTING WALLS, FLOORS, OR CEILING IN THE AREAS OF THE BUILDING NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL INCLUDE ALL RELATED COSTS IN HIS BASE BID, WHETHER SHOWN ON THESE PLANS OR NOT.</div> <div>13. PROTECT ADJACENT SPACES NOT SCHEDULED FOR DEMOLITION. PATCH AND REPAIR DAMAGED FINISHES, ITEMS AND FIXTURES TO REMAIN AND/OR REPLACE IN KIND TO MATCH EXISTING FROM DAMAGE DURING THE PROGRESS OF THE WORK. PROVIDE TEMPORARY SAFETY BARRIERS REQUIRED BY CODE AND AS INDICATED TO INSURE PUBLIC SAFETY AND TO ALLOW BUILDING OCCUPANCY. CONTRACTOR TO SUBMIT FOR APPROVAL, BARRIER LOCATIONS, AND METHOD OF CONSTRUCTION TO THE ARCHITECT PRIOR TO INSTALLATION.</div> <div>14. NO STRUCTURAL ELEMENTS ARE INCLUDED IN THIS SCOPE OF WORK.</div> <div>15. PROVIDE DUST BARRIERS AROUND OPENINGS, TO AND FROM THE CONSTRUCTION AREA. PROVIDE ALL MEANS NECESSARY TO INHIBIT DUST FROM ENTERING OTHER PORTIONS OF THE FACILITY. SUBMIT BARRIER LOCATIONS TO THE ARCHITECT FOR APPROVAL, PRIOR TO INSTALLATION.</div> <div>16. PROVIDE ADEQUATE SHORING, BRACING, BARRICADES AND PROTECTIVE MEASURES AS REQUIRED TO SAFELY EXECUTE THE WORK IN THE CONSTRUCTION AREA AND THE AREAS ADJACENT TO THE CONSTRUCTION AREA. CEASE OPERATIONS AND NOTIFY THE ARCHITECT IMMEDIATELY IF THE STRUCTURE APPEARS TO BE ENDANGERED. DO NOT RESUME OPERATIONS UNTIL CORRECTIVE MEASURES HAVE BEEN TAKEN.</div> <div>17. CONTRACTOR SHALL MAINTAIN REQUIRED MEANS OF EGRESS AND ENSURE THAT EXIT ROUTES ARE SIGNED, LIGHTED AND PROTECTED IN ACCORDANCE WITH CODE REQUIREMENTS. RELOCATE EXISTING AND/OR PROVIDE SMOKE PROTECTORS AND LIFE SAFETY EQUIPMENT FOR ADEQUATE COVERAGE.</div> <div>18. PROVIDE TEMPORARY NON-COMBUSTIBLE CONSTRUCTION BARRIERS WHERE REQUIRED BY CODE AND THE GOVERNING FIRE AUTHORITY. MINIMUM REQUIREMENTS:<div>A. FULL HEIGHT WALL FROM FLOOR TO CEILING.</div><div>B. STUDS AT 24" O.C., WITH 5/8" TYPE 'X' GYPSUM BOARD.</div><div>C. NON-COMBUSTIBLE ACCESS DOOR WITH (3) HINGES AND SPRING CLOSER.</div></div> <div>19. SURVEY EXISTING FLOORS AND CLEARLY MARK ON FLOOR SURFACE THE LOCATIONS OF ALL BEAMS AND JOISTS. MARK ALL CORE DRILL PENETRATIONS AND RECEIVE STRUCTURAL ENGINEER'S APPROVAL PRIOR TO DRILLING CONCRETE.</div> <div>20. CUT RIGID MATERIALS USING MASONRY SAW OR CORE DRILL. PNEUMATIC TOOLS ARE NOT ALLOWED WITHOUT PRIOR APPROVAL.</div> <div>21. ALL CORE DRILLING OR OTHER NOISY WORK SHALL BE SCHEDULED 48-HOURS IN ADVANCE WITH THE OWNER.</div> <div>22. APPLY CEMENT BASE FLOOR PATCH AS REQUIRED TO FILL DINGS, NAIL HOLES, CHIPS AND CRACKS.</div> <div>23. AT FLOOR AREAS SCHEDULED TO RECEIVE NEW FLOOR COVERING, REMOVE EXISTING FLOOR COVERING AND PREPARE SUBSTRATE FOR NEW FLOOR COVERING PER SPECIFICATIONS AND MANUFACTURER'S REQUIREMENTS.</div> <div>24. AT ABANDONED PENETRATIONS OF FIRE RATED WALLS, CEILING OR FLOOR CONSTRUCTION, COMPLETELY SEAL VOIDS WITH FIRE RATED MATERIAL TO FULL THICKNESS OF THE PENETRATED ELEMENT. ALL PATCHING OF EXISTING WORK TO REMAIN SHALL MATCH FINISH PER SCHEDULE OR WHERE UNSCHEDULED TO MATCH EXISTING FINISHES TO REMAIN, AND SHALL MEET OR EXCEED FIRE RATING INDICATED ON FLOOR PLAN AND AS REQUIRED BY THE FIRE/LIFE SAFETY INSPECTOR.</div> <div>25. COORDINATE EXISTING SPRINKLER LINE AND HEAD LOCATION WITH NEW PLAN. SUBMIT SPRINKLER SHOP DRAWINGS TO ARCHITECT FOR REVIEW WITH THE CITY FIRE DEPARTMENT.</div> <div>26. CONTRACTOR IS RESPONSIBLE FOR BUILDING SECURITY DURING DEMOLITION PHASE. PROTECT ALL OPENINGS FROM WEATHER CONDITIONS AND SECURE THEM TO PREVENT VANDALISM.</div> <div>27. DO NOT PERFORM ANY WORK THAT WILL VOID WARRANTIES OF EXISTING WEATHER EXPOSED OR MOISTURE RESISTANT ELEMENTS WITHOUT PRIOR APPROVAL FROM THE OWNER.</div> <div>28. ARCHITECT ASSUMES NO RESPONSIBILITY RELATING TO ANY TOXIC MATERIALS, INCLUDING ASBESTOS, AND ASSUMES NO RESPONSIBILITY TO ITS EXISTENCE OR REMOVAL. THE OWNER WILL TAKE ACTION FOR DIRECTLY CONTRACTING WITH A CONSULTANT OR SPECIALIST, LICENSED BY THE STATE, FOR SUCH SERVICES SHOULD THOSE SERVICES BE REQUIRED ON THE PROJECT.</div> <div>29. IF THE EXISTING BUILDING CONSTRUCTION IS CLASSIFIED SUCH THAT FIREPROOFING INSULATION IS PRESENT, THEN THE CONTRACTOR, PRIOR TO STARTING ANY WORK, SHALL VERIFY THE CURRENT FIRE-RESISTANCE RATING(S) OF THE EXISTING BUILDING ELEMENT(S). IF THE EXISTING FIREPROOFING INSULATION IS DAMAGED/AFFECTED DURING THE COURSE OF THE WORK, AS DEFINED BY THIS PROJECT SCOPE, THEN THE CONTRACTOR SHALL PATCH/REPAIR THE FIREPROOFING INSULATION TO A CONDITION THAT SHALL MATCH OR EXCEED THE ORIGINAL FIRE-RESISTANCE RATING(S) OF THE EXISTING BUILDING ELEMENT(S).</div> <div>30. CONTRACTOR TO RELOCATE AND REUSE EXISTING DOORS AND HARDWARE WHERE POSSIBLE.</div> <div>31. EXISTING DOORS TO REMAIN U.O.N.</div>		<div>1. NO FINISH SUBSTITUTIONS MAY BE MADE UNLESS APPROVED BY ARCHITECT.</div> <div>2. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY DISCREPANCY IN PLANS. FINISH ITEMS CLEARLY SHOWN IN PLANS, BUT OMITTED FROM SCHEDULES OR LEGENDS MUST STILL BE PROVIDED AND INSTALLED BY CONTRACTOR. CONTRACTOR TO VERIFY OMITTED FINISHED WITH ARCHITECT PRIOR TO ORDERING PRODUCTS.</div> <div>3. INSTALL MATERIALS ACCORDING TO MANUFACTURER'S SUGGESTED INSTALLATION AND PREPARATION/MAINTENANCE SPECIFICATIONS OR BETTER, UNLESS OTHERWISE APPROVED OR NOTED.</div> <div>4. APPLICATION OF CONTROLLED INTERIOR FINISHES SHALL BE IN CONFORMANCE WITH STATE &amp; LOCAL CODES.</div> <div>5. DECORATIVE MATERIALS SHALL BE MAINTAINED IN A FLAME-RETARDANT CONDITION.</div> <div>6. SUBMIT THE FOLLOWING SAMPLES FOR ARCHITECT'S APPROVAL:<div>A. THREE (3) 12" X 12" SAMPLES FOR ALL PAINT AND STAIN BRUSHOUTS, VINYL AND FABRIC FINISHES AND COLORS APPLIED TO A SUBSTRATE WHICH IS REPRESENTATIVE OF THE SURFACE TO BE FINISHED. SUBMIT PAINT SAMPLES FROM THE PAINT LOT OR LOTS INTENDED FOR APPLICATION.</div><div>B. ONE (1) 24" X 24" MOCK-UP WITH SAMPLE SEAM (CENTERED) OF ALL FABRIC AND VINYL FINISHES AND COLOR.</div><div>C. THREE (3) 12" X 12" SAMPLES OF ALL FLOOR COVERING.</div></div> <div>7. SUBMIT ACTUAL CUTTINGS OF EACH PRODUCT FOR COLOR/QUALITY CONTROL.</div> <div>6. WHERE MATERIALS ARE NOT RETURNABLE, SUBMIT SAMPLES TO ARCHITECT BEFORE PLACING FULL ORDERS.</div> <div>7. SUBMIT SEAMING PLAN FOR ALL FLOOR FINISHES TO ARCHITECT FOR APPROVAL PRIOR TO ORDER.</div> <div>8. NOTIFY ARCHITECT IMMEDIATELY OF ITEMS WITH LONG LEAD TIMES.</div> <div>9. ALL PAINT FINISH OF METAL PARTS OF DOORS, HANDRAILS, PERIMETER ENCLOSURES, ETC., SHALL BE SEMI-GLOSS, U.O.N.</div> <div>10. WHERE PAINT COLORS CHANGE, CORNERS ARE TO BE CUT-IN FREE OF OVERLAPPING.</div> <div>11. PRIOR TO THE INSTALLATION OF WALL COVERINGS, SURFACES SHALL BE PROPERLY PREPARED WITH SEALER PER MANUFACTURER'S RECOMMENDATIONS.</div> <div>12. CONTRACTOR TO VERIFY CONDITION AND LEVEL OF FLOOR SO AS TO RECEIVE NEW FINISHES WITHOUT BOWING AT FLOOR OR WALL BASE. CONTRACTOR IS RESPONSIBLE FOR ALL FLOOR PREPARATION.</div> <div>13. ALL CARPETING SHALL BE INSTALLED WITH GLUE DOWN METHOD, U.O.N.</div> <div>14. WHERE FLOOR-MOUNTED OUTLETS ARE REQUIRED ON CARPETED AREA, CUT CARPET IN AN "X" OVER FLOOR HOLE AND INSTALL CARPET OVER TOP. DO NOT TRIM CARPET.</div> <div>15. ALL V.C.T. TO BE INSTALLED WITH FULL TILE FROM VINYL THRESHOLD STRIP AND FULL TILE FROM WALL ADJACENT TO DOOR SWING, U.O.N.</div> <div>16. PROVIDE AND INSTALL SPECIFIED BASE AT ALL AREAS TO RECEIVE FLOORING.</div> <div>17. CONTRACTOR SHALL PROVIDE PRE-FORMED RUBBER BASE CORNERS. DO NOT CUT OR BEND STRAIGHT BASE TO MAKE CORNERS.</div> <div>18. MILLWORK LOWER CABINETS ARE NOT TO RECEIVE WALL BASE UNLESS INDICATED ON FINISH PLANS.</div> <div>19. FLOOR FINISHES TO CONTINUE UNDERNEATH "OPEN FLOOR" AREAS OF MILLWORK, INCLUDING SINK AREA AND AT ALL UNDER-COUNTER EQUIPMENT AREAS WHICH ARE OPEN TO THE FLOOR.</div> <div>20. FLOORS SHALL BE SLOPED TO FLOOR DRAINS. COORDINATE WITH PLUMBING AND STRUCTURAL DRAWINGS. IN RATED FLOOR FINISHES, REMAINING FLOOR THICKNESS STILL CONFORMS TO MINIMUM RATING REQUIREMENT.</div> <div>21. CONTRACTOR TO RUN CALCIUM CHLORIDE TEST ON ALL EXISTING OR NEW CONCRETE SLABS PRIOR TO INSTALLING ANY FLOORING AND COMPARE RESULTS WITH FLOORING MANUFACTURE'S RECOMMENDED MAXIMUM CONTENT FOR WARRANTIES AND ADHESIVE PRODUCTS.</div> <div>22. PRIOR TO NEW FLOORING INSTALLATION REMOVE EXISTING FLOOR FINISHES. PATCH AND REPAIR SUB-FLOOR AS REQUIRED. PREPARE FLOORS AND TRANSITIONS AS REQUIRED FOR SMOOTH AND LEVEL FINISH PER APPLICABLE BUILDING CODES.</div> <div>23. ALL FLOORING TRANSITIONS AMONG ALL THE DIFFERING FLOORING MATERIAL SPECIFICATION TYPES ARE TO BE A FLUSH TRANSITION.</div> <div>24. FEATHER SUB-FLOOR UP FOR A) TILE FLOORING TO CARPET AND B) VINYL FLOORING TO CARPET, FOR FLUSH INSTALLATION.</div> <div>25. INSTALL METAL TRANSITION STRIPS WHERE TILE MEETS ALL OTHER FLOORING TYPES. PROVIDE LOW PROFILE TRANSITION STRIP WHERE ALL OTHER DIFFERENT FLOOR TYPES MEET, VERIFY COLOR.</div> <div>26. CONTRACTOR TO HEAT/CHEMICAL SEAM VINYL FLOORING AS PER MANUFACTURER'S SPECIFICATIONS AND SEAL ALL VINYL FLOORS PER MANUFACTURER'S MAINTENANCE SPECIFICATIONS.</div> <div>27. FLOOR COVERING INSTALLER TO FOLLOW MANUFACTURER'S SPECIFIED CARPET INSTALLATION INSTRUCTIONS, USING ADHESIVES AND INSTALLATION METHODS REQUIRED INSTRUCTIONS TO MAINTAIN PRODUCT'S WARRANTY. CONTACT CARPET SALES REPRESENTATIVE WITH QUESTIONS PRIOR TO PROCEEDING.</div> <div>28. FLOOR COVERING INSTALLER TO FOLLOW MANUFACTURER'S SPECIFIED CONTOURED RUBBER BASE INSTALLATION INSTRUCTIONS USING ADHESIVES AND INSTALLATION METHODS REQUIRED TO MAINTAIN PRODUCT'S WARRANTY.</div> <div>29. FLOOR COVERING INSTALLER REQUIRED TO PROVIDE MINIMAL SEAMS/JOINTS AT ALL LOCATIONS FOR FLOOR AND WALL BASE MATERIAL INSTALLATION. PROVIDE LOW VOC, BUT HEAVY DUTY ADHESIVES TO ENDURE HEAVY FOOT TRAFFIC, CARTS AND TO MAINTAIN PRODUCTS WARRANTY.</div> <div>30. PRIOR TO PAINTING, WALLS MUST BE PATCHED AND REPAIRED, CLEAN AND DRY AND PROPERLY MEMBERED AND ALIGNED SO, AS TO LEAVE NO EVIDENCE OF PATCHING OR REPAIRS. ALL SOREW AND NAIL HEADS MUST BE SET AND SPOCKLED. ALL JOINTS MUST BE TAPED AND COVERED WITH JOINT COMPOUND. JOINTS THAT ARE FILLED TO BE SANDED SMOOTH AND DUST REMOVED PRIOR TO RECEIVING NEW PAINT FINISH APPLICATION.</div> <div>31. PRIOR TO PAINTING OVER WALL COVERING, SECURELY GLUE DOWN ANY LIFTING OR BUCKLING AND HIDE ALL SEAMING OR BUMPS.</div> <div>32. WALLS TO HAVE AT LEAST ONE COAT OF COLORED PRIMER AND TWO COATS OF SPECIFIED PAINT FINISH TYPE. PAINT TO BE A LOW VOC UNLESS U.O.N. HIGH TRAFFIC/WEAR ABILITY WITH GOOD SCRUB AND CLEANING ABILITY. VERIFY ALL WITH TENANT OR OWNER PRIOR TO PURCHASING PAINT.</div> <div>33. PAINT ALL SPEAKER OWNERS AND HVAC GRILLS IN GYPSUM BOARD WALLS AND CEILINGS TO MATCH ADJACENT PAINT COLOR AS SPECIFIED.</div> <div>34. PRIOR TO INSTALLING WALL TILES AND WALL BASE TILE, WALLS MUST BE PATCHED AND REPAIRED, CLEAN AND DRY AND BE PROPERLY MEMBERED AND ALIGNED, SO, AS TO LEAVE NO EVIDENCE OF PATCHING OR REPAIRS. ALL SOREW AND NAIL HEADS MUST BE SET AND SPOCKLED. ALL JOINTS MUST BE TAPED AND COVERED WITH JOINT COMPOUND. JOINTS THAT ARE FILLED ARE TO BE SANDED SMOOTH AND BUMP FREE WITH DUST REMOVED PRIOR TO RECEIVING MORTAR BED/BOND COAT AND WALL TILES.</div> <div>35. ALL WALL TILES ARE TO HAVE A MORTAR BED/BOND COAT THICKNESS TO ACCOMMODATE THE VARYING THICKNESSES OF ALL MATERIAL TYPES OF TILE SPECIFIED FOR WALL INSTALLATION WITH A FLUSH FRONT FACE.</div> <div>36. ALL TRANSLUCENT GLASS TILE SPECIFIED ARE TO RECEIVE UNIFORM COVERAGE BY BACK BUTTERING TILES AND TROWEL RIDGES FLATTENED PRIOR TO SETTING TRANSLUCENT GLASS TILES.</div> <div>37. FLOORS OF TOILETS, BATHING AND SHOWER ROOMS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE. THE INTERSECTION OF SUCH FLOORS WITH WALLS SHALL HAVE A SMOOTH, HARD, NONABSORBENT VERTICAL BASE AS SPECIFIED IN FINISH PLANS OR RESTROOM ELEVATIONS. BASE SHALL EXTEND UPWARD ONTO THE WALLS NOT LESS THAN 4 INCHES.</div> <div>38. WALLS AND PARTITIONS WITHIN 2 FEET OF SERVICE SINKS, URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE TO A HEIGHT OF NOT LESS THAN 4 FEET ABOVE THE FLOOR.</div>		<div>1. SEE ELECTRICAL ENGINEERING DRAWINGS FOR SPECIFICATIONS OF NEW BUILDING STANDARD LIGHT FIXTURES, SWITCHES, EXIT SIGNS, ETC.</div> <div>2. ALL REPLACEMENT FLUORESCENT LAMPS TO MATCH BUILDING STANDARD – SAME COLOR AND MANUFACTURER.</div> <div>3. FIELD VERIFY EXISTING CEILING GRID LOCATION AND NOTIFY ARCHITECT OF ANY DISCREPANCIES ON PLANS.</div> <div>4. WHERE DISCREPANCIES IN LOCATION OF LIGHT FIXTURES, AIR DIFFUSERS, GRILLES, ETC. OCCUR ON THE ELECTRICAL ENGINEERING PLANS, THE ARCHITECTURAL PLANS SHALL GOVERN. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOR CLARIFICATIONS.</div> <div>5. FIELD VERIFY ALL CLEARANCES OF DUCTS, PIPES, SPRINKLERS, ETC., AND NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION OF LIGHTS, ETC.</div> <div>6. PLACEMENT OF LIGHT FIXTURES IN AREAS WHERE MAIN DUCTS MAY CAUSE INTERFERENCE MUST BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION.</div> <div>7. CONDUITS ABOVE CEILING MUST BE A MINIMUM OF 12" ABOVE THE CEILING GRID.</div> <div>8. NO COMBUSTIBLE MATERIALS SHALL BE USED IN THE PLENUM SPACE, INCLUDING ALUMINUM FLEX, ALUMINUM CONDUIT, AND POT METAL CONNECTORS.</div> <div>9. ALL JUNCTION BOXES AND MECHANICAL EQUIPMENT REQUIRING ACCESS FOR SERVICE SHALL BE LOCATED OVER ACOUSTICAL CEILINGS. NO ACCESS HATCHES SHALL BE INSTALLED IN GYPSUM BOARD CEILINGS WITHOUT PRIOR APPROVAL BY ARCHITECT. (NO EXCEPTION)</div> <div>10. ALL SPRINKLER HEADS AT HARD-UP CEILINGS ARE TO BE FULLY RECESSED AND CONCEALED. HEADS ARE TO BE CENTERED BETWEEN LIGHTS IN A UNIFORM ARCHITECTURAL PATTERN. G.C. TO PROVIDE A SUBMITTAL WITH SPRINKLER HEAD LOCATIONS FOR ARCHITECT'S APPROVAL PRIOR TO INSTALLATION.</div> <div>11. ALL GYPSUM BOARD CEILINGS ARE TO BE INSTALLED WITH LINEAR DIFFUSERS. G.C. TO PROVIDE A SUBMITTAL WITH ALL LINEAR DIFFUSER LOCATIONS PRIOR TO INSTALLATION.</div> <div>12. LOCATE RECESSED DOWN LIGHTS, WALL WASHERS, SMOKE DETECTORS, EXIT SIGNS, SPEAKERS, FIRE SPRINKLERS, ETC. IN CENTER OF 24"x24" CEILING TILES OR IN CENTER OF 24"x24" PORTION OF 24"x48" CEILING TILES, UNLESS OTHERWISE NOTED.</div> <div>13. PROVIDE SWITCHES AND LIGHT SENSORS FOR OPEN AREAS AND PRIVATE OFFICES. ACTUAL LOCATION OF ALL SWITCHES TO BE DETERMINED BY ELECTRICAL ENGINEER.</div> <div>14. WHERE EXIT SIGNS ARE REQUIRED PER STATE &amp; LOCAL CODES, THEY SHALL BE ILLUMINATED PER SAID CODES AND THE NEC. LOCATIONS SHALL BE COORDINATED WITH THE ARCHITECT.</div> <div>15. PROVIDE BACK-UP POWER FOR EXIT SIGNS PER STATE &amp; LOCAL CODES.</div> <div>16. THE MEANS OF EGRESS TRAVEL SHALL BE ILLUMINATED AT ANY TIME THE BUILDING IS OCCUPIED WITH A LIGHT INTENSITY OF NOT LESS THAN 1 FOOT-CANDLE AT THE FLOOR LEVEL.</div> <div>17. EMERGENCY LIGHTING SHALL BE (2) SEPARATE SOURCES OF POWER AND SHALL COMPLY WITH THE NEC.</div> <div>18. PROVIDE FIRE DAMPERS AT ALL SUPPLY AND RETURN AIR OUTLETS, INLETS OR DUCTS PENETRATING FIRE RATED ASSEMBLIES, ENCLOSURES, WALLS, FLOORS OR SURFACES, AND AS REQUIRED BY THE FIRE DEPARTMENT.</div> <div>19. CONTRACTOR SHALL PROVIDE EMERGENCY LIGHTING, STROBE LIGHTS, AUDIO-VISUAL ALARMS AND OCCUPANCY SENSORS TO MEET ALL APPLICABLE CODES.</div> <div>20. CONTRACTOR SHALL PROVIDE LAMPS WITH TYPE IC RATED HOUSING WHERE FIXTURES COME IN DIRECT CONTACT WITH INSULATION.</div>		<div>1. CONTRACTOR AND ARCHITECT TO REVIEW &amp; APPROVE CHALK LINES OF PARTITION LAYOUT PRIOR TO COMMENCEMENT OF PARTITION CONSTRUCTION.</div> <div>2. CONTRACTOR TO VERIFY DIMENSIONS FOR ALL PLUMBING PARTITION.</div> <div>3. EXTEND ALL STUDS AND WALL MATERIALS TO CONSTRUCTION ABOVE, U.O.N.</div> <div>4. ALL CONDUIT PIPING IN ELECTRICAL ROOM TO BE CONCEALED WITHIN THE WALL CONSTRUCTION.</div> <div>6. CONTRACTOR SHALL USE 3-5/8" METAL STUDS MINIMUM AT ALL PLUMBING WALLS. CONTRACTOR TO VERIFY ACTUAL DEPTH REQUIRED, ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT.</div> <div>7. USE WATER RESISTANT GYPSUM BOARD/FIBER BOARD AT ALL AREAS SUBJECT TO MOISTURE OR WHERE TILE IS USED.</div> <div>8. ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH LOCAL AND NATIONAL CODES.</div> <div>9. ALL HOT WATER LINES SHALL BE PROPERLY INSULATED. SEE PLUMBING DRAWINGS.</div> <div>10. ALL PLUMBING CLEAN-OUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. CONTRACTOR SHALL COORDINATE ALL CLEAN-OUT LOCATIONS WITH EQUIPMENT, AND CABINETS. SUBMIT A PLAN OF ALL PROPOSED LOCATIONS TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.</div> <div>11. ALL MILLWORK SHALL CONFORM TO STATE &amp; LOCAL WOODWORKING STANDARDS.</div> <div>12. FIELD MEASURE AS REQUIRED FOR ALL MILLWORK CONDITIONS PRIOR TO FABRICATION.</div> <div>13. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ARCHITECT AND TENANT APPROVAL PRIOR TO MANUFACTURE OF ANY CABINET WORK, MILLWORK AND ANY OTHER SPECIAL ITEMS REQUIRING CUSTOM SHOP FABRICATED WORK.</div> <div>14. CONTRACTOR TO VERIFY FINAL LOCATION FOR CANTILEVERED COUNTERS AND IN-WALL SUPPORT BRACKETS PRIOR TO GYPSUM BOARD FINISHING OF WALLS. ALL FINAL INSTALLATION HEIGHTS FOR IN-WALL SUPPORT BRACKETS MUST MEET ALL ACCESSIBILITY CODES REQUIREMENTS WITH COUNTERTOP MATERIAL THICKNESS INCLUDING.</div> <div>15. PROVIDE AND INSTALL ALL NECESSARY WALL BACKING, STIFFENERS, BRACING, BACK-UP PLATES AND/ OR SUPPORTING BRACKETS AS REQUIRED FOR THE INSTALLATION OF WALL-MOUNTED OR SUSPENDED EQUIPMENT OR BUILT-IN ITEMS. VERIFY REQUIREMENTS WITH MANUFACTURERS PRIOR TO INSTALLATION. SUPPLY CATALOG CUT SHEETS FOR ARCHITECT'S APPROVAL.</div> <div>16. PROVIDE AND INSTALL ALL NECESSARY ELECTRICAL CONNECTIONS AND PLUMBING SUPPLY, FITTINGS &amp; CONNECTORS TO COMPLETE INSTALLATION OF APPLIANCES &amp; EQUIPMENT INDICATED ON PLAN. VERIFY REQUIREMENTS WITH MANUFACTURERS PRIOR TO INSTALLATION. SUPPLY CATALOG CUT SHEETS FOR ARCHITECT'S APPROVAL.</div> <div>17. EXACT LOCATION OF FIRE EXTINGUISHER CABINETS TO BE CONFIRMED WITH ARCHITECT BEFORE INSTALLATION. PROVIDE ADDITIONAL FIRE EXTINGUISHERS &amp; CABINETS AS REQUIRED BY THE FIRE DEPARTMENT FIELD INSPECTORS.</div> <div>18. CONTRACTOR TO VERIFY LOCATION OF ALL THERMOSTATS WITH ARCHITECT PRIOR TO INSTALLATION.</div> <div>19. ALL EXITS SHALL HAVE EXIT SIGNS AND ALL BLIND CORRIDOR TURNS SHALL HAVE DIRECTIONAL EXIT SIGNS.</div> <div>20. PREPARE ALL FLOOR SURFACES AS REQUIRED TO RECEIVE FINISHES AS NOTED ON FINISH PLAN, ENLARGED FINISH PLANS &amp; FINISH LEGEND.</div> <div>21. UNLESS OTHERWISE NOTED, ALL GYPSUM BOARD SURFACES, WALLS, AND CEILINGS SHALL BE TAPED, SANDED SMOOTH TO A "LEVEL 4" FINISH, SO AS TO RECEIVE PAINT OR WALL COVERING MATERIAL.</div> <div>22. PROVIDE SOUND INSULATION AT PERIMETER WALLS OF RESTROOMS, LOBBY, STAIRS, AND ACROSS CEILING OF RESTROOMS TO CREATE AN ACOUSTIC ENVELOPE, U.O.N.</div> <div>23. PATCH AND FILL VARIOUS OPENINGS AT EXISTING GYPSUM BOARD PARTITIONS AND SOFFITS FOLLOWING REMOVAL OR INSTALLATION OF ANY SURFACE MOUNTED OR RECESSED FURNISHINGS, RECEPTACLES, UTILITY PIPING, SHELF STANDARDS &amp; ALL OTHER SIMILAR ELEMENTS INDICATED TO BE REMOVED DURING THE DEMOLITION PHASE OR INSTALLED DURING THE CONSTRUCTION PHASE. TAPE AND SEAL ALL SEAMS WITH JOINT COMPO</div>			



T:\Jobs\15\CB Richard Ellis - Aurora\South Potomac\DEN15-6154-00\_Denver Nephrology-Aurora\Architectural\Cad\6154\_A03\6154\_A03.dwg



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ACCESSIBILITY DETAILS	
DATE	REMARKS
02/22/16	CLIENT REVIEW
02/22/16	ISSUE FOR PERMIT

PA / PM:	E. ZABEL
DRAWN BY:	M.K.
JOB NO.:	DEN15-6154-00

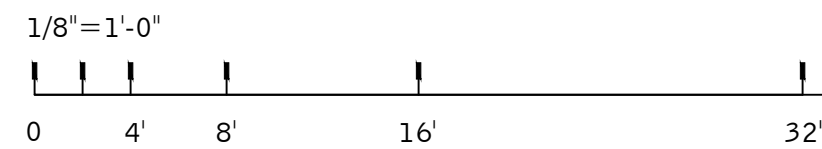
SHEET

A0.3


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25 Feb 2016





SCALE: 1/8"=1'-0"



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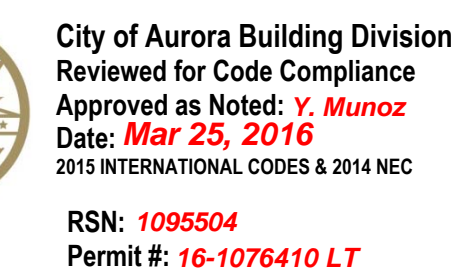


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JOB NO.:	DEN15-6154-00

## A1.1

THE UNIVERSITY OF CHICAGO

B/BUSINESS \_\_\_\_\_ 300 FEET MAX.



EXISTING EXIT.

UNOBSTRUCTED PATH OF TRAVEL



SEE SHEET A0.1 &amp; A0.2 FOR GENERAL NOTES

## DEMOLITION NOTES

- 1 REMOVE PARTITIONS AND RELATED ELECTRICAL OUTLETS AS INDICATED. TERMINATE ELECTRICAL LINES BACK TO POINT OF ORIGIN.
- 2 REMOVE DOOR ASSEMBLY. SAVE FOR POSSIBLE RELOCATION.
- 3 REMOVE DOOR AND CUT-IN SECTION OF WALL AS REQUIRED FOR NEW 3'-0" DOOR AND SIDELITE.
- 4 REMOVE EXISTING MILLWORK.
- 5 REMOVE EXISTING MILLWORK & SINK. CAP PLUMBING AS REQUIRED.
- 6 REMOVE PLUMBING FIXTURES. CAP PLUMBING AS REQUIRED.
- 7 CUT-IN SECTION OF WALL AS REQUIRED FOR NEW 3'-0" DOOR.
- 8 REMOVE POWER/SIGNAL OUTLETS AS SHOWN.
- 9 REMOVE ALL WALL AND FLOOR FINISHES THROUGHOUT. PREP FOR NEW FINISHES PER FINISH PLAN. SKIM COAT ALL WALL WHERE WALLCOVERING WAS REMOVED.
- 10 EXISTING EXTERIOR WINDOW BLINDS TO REMAIN, UNLESS DAMAGED BEYOND REPAIR. CLEAN EXISTING BLINDS AS REQUIRED FOR "LIKE NEW" CONDITION. REPLACE ANY DAMAGED OR MISSING BLINDS TO MATCH EXISTING.

## DEMOLITION CEILING NOTES

- 30 EXISTING CEILING GRID & TILES TO REMAIN THROUGHOUT, U.O.N. PATCH & REPAIR GRID AS REQUIRED AND REPLACE DAMAGED TILES AS NEEDED.
- 31 REMOVE EXISTING CEILING GRID & TILES IN THIS ROOM/AREA. PREP FOR NEW GYP. BOARD CEILING.
- 32 EXISTING LIGHT FIXTURES TO REMAIN THROUGHOUT, U.O.N. CLEAN FIXTURES AS REQUIRED FOR "LIKE NEW" CONDITION. RE-LAMP AS REQUIRED. SAVE ALL DEMO'D FIXTURES FOR POSSIBLE RELOCATION.
- 33 REMOVE EXISTING CEILING GRID & TILES IN THIS AREA. PREP FOR NEW GRID TO ALIGN WITH CORRIDOR.
- 34 REMOVE EXISTING CEILING GRID & TILES IN THIS ROOM AND PREP FOR NEW.

At all times during construction, maintain required exits, existing structural elements, fire protection devices and sanitary safeguards per 2015 IBC 3302.1



City of Aurora Building Division  
Reviewed for Code Compliance  
Approved as Noted: **Y. Munoz**  
Date: **Mar 25, 2016**  
2015 INTERNATIONAL CODES & 2014 NEC

RSN: 1095504  
Permit #: 16-1076410 LT

## LEGENDS

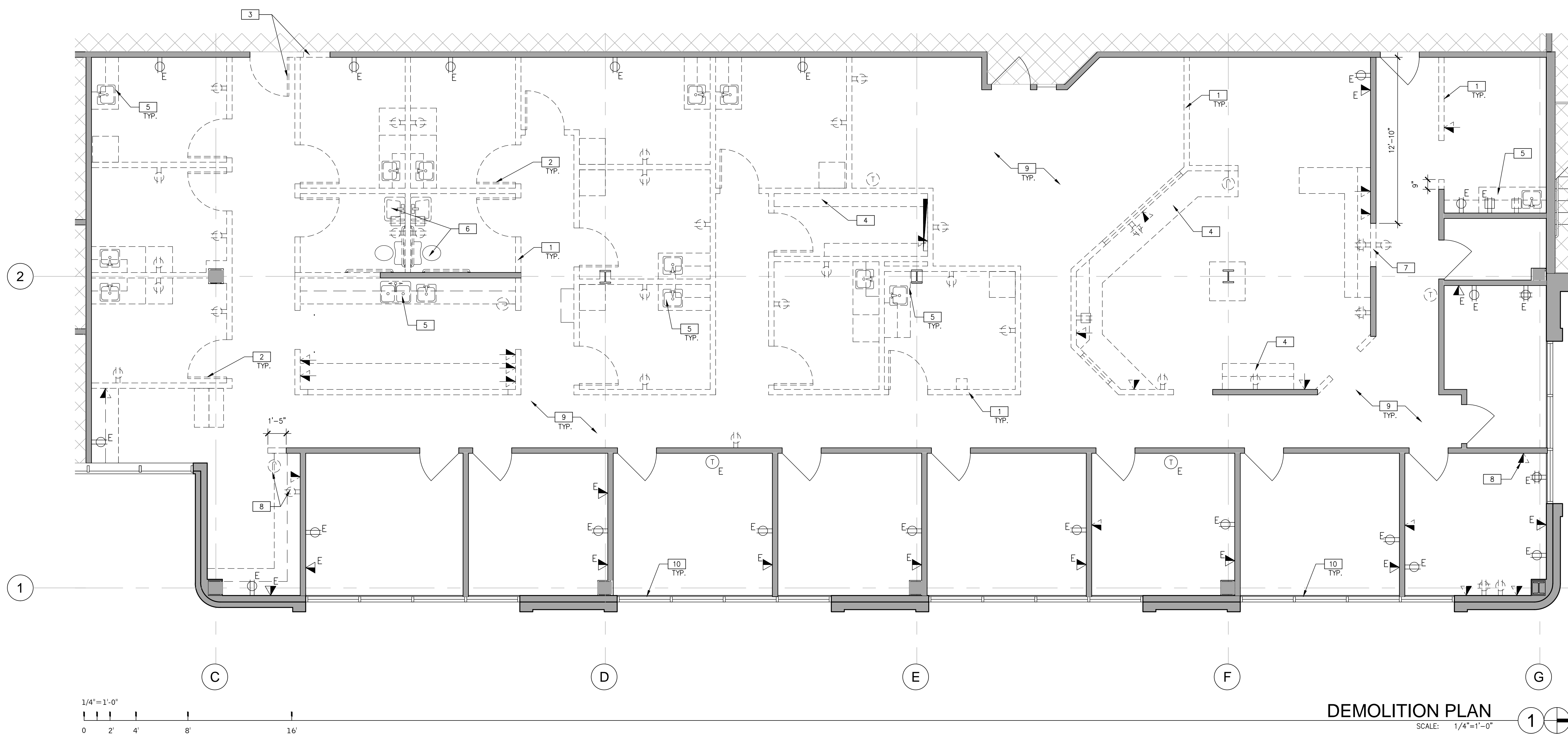
INDICATES AREA NOT IN CONTRACT (N.I.C.)

## WALL LEGEND

EXISTING CONSTRUCTION  
 EXISTING CONSTRUCTION TO BE REMOVED

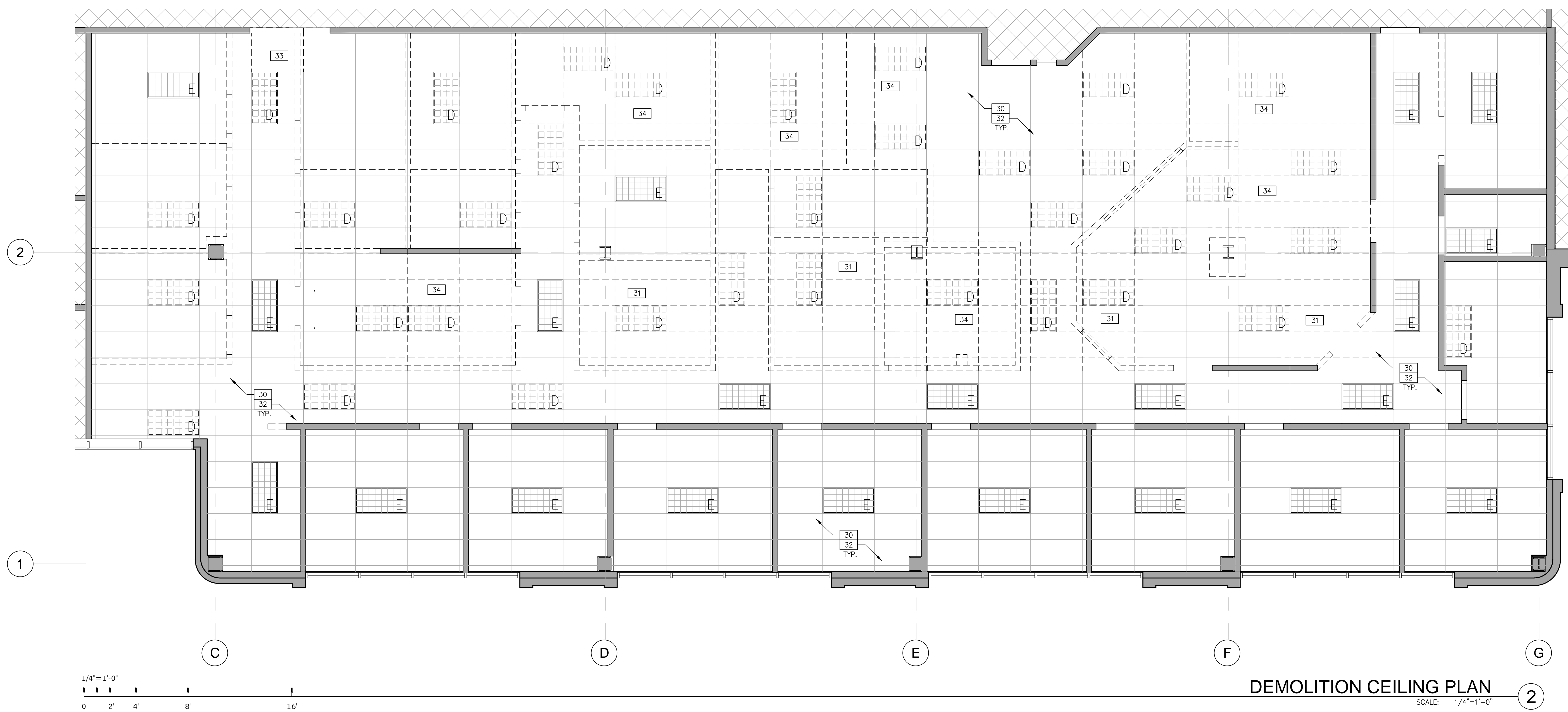
## CEILING LEGEND

EXISTING 2'x4' SUSPENDED CEILING GRID & TILES TO REMAIN  
 EXISTING SUSPENDED CEILING GRID & TILES TO BE REMOVED  
 EXISTING 2'x4' FLUORESCENT LIGHT FIXTURE TO REMAIN  
 EXISTING 2'x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED - SAVE FOR RELOCATION



## DEMOLITION PLAN

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

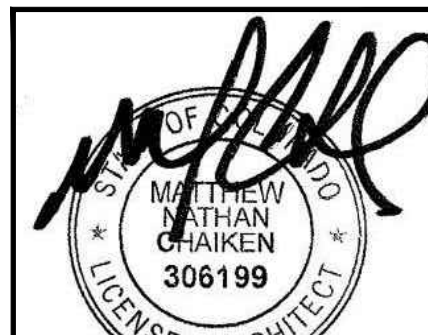


## DEMOLITION CEILING PLAN

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

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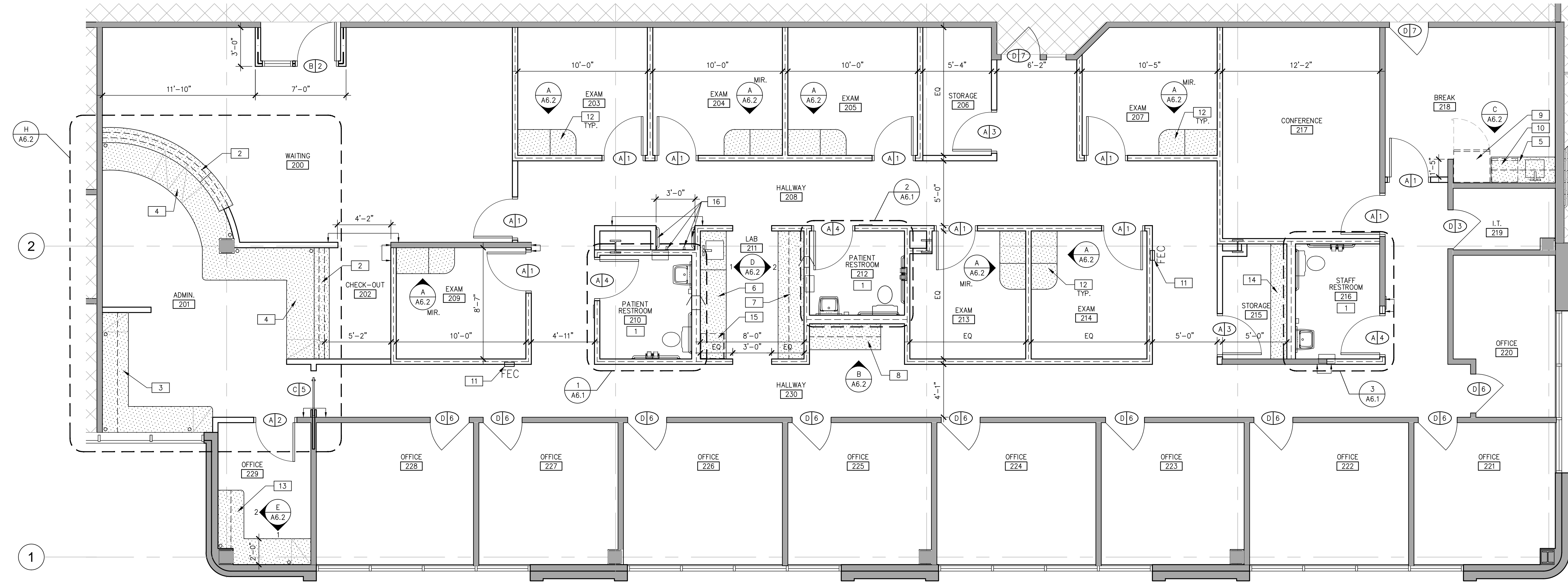
## DEMOLITION AND DEMOLITION CEILING PLANS

DATE	CLIENT REVIEW	ISSUE FOR PERMIT	REMARKS	DATE	REMARKS
02/22/16					

PA / PM: E. ZABEL  
DRAWN BY: M.K.  
JOB NO.: DEN15-6154-00

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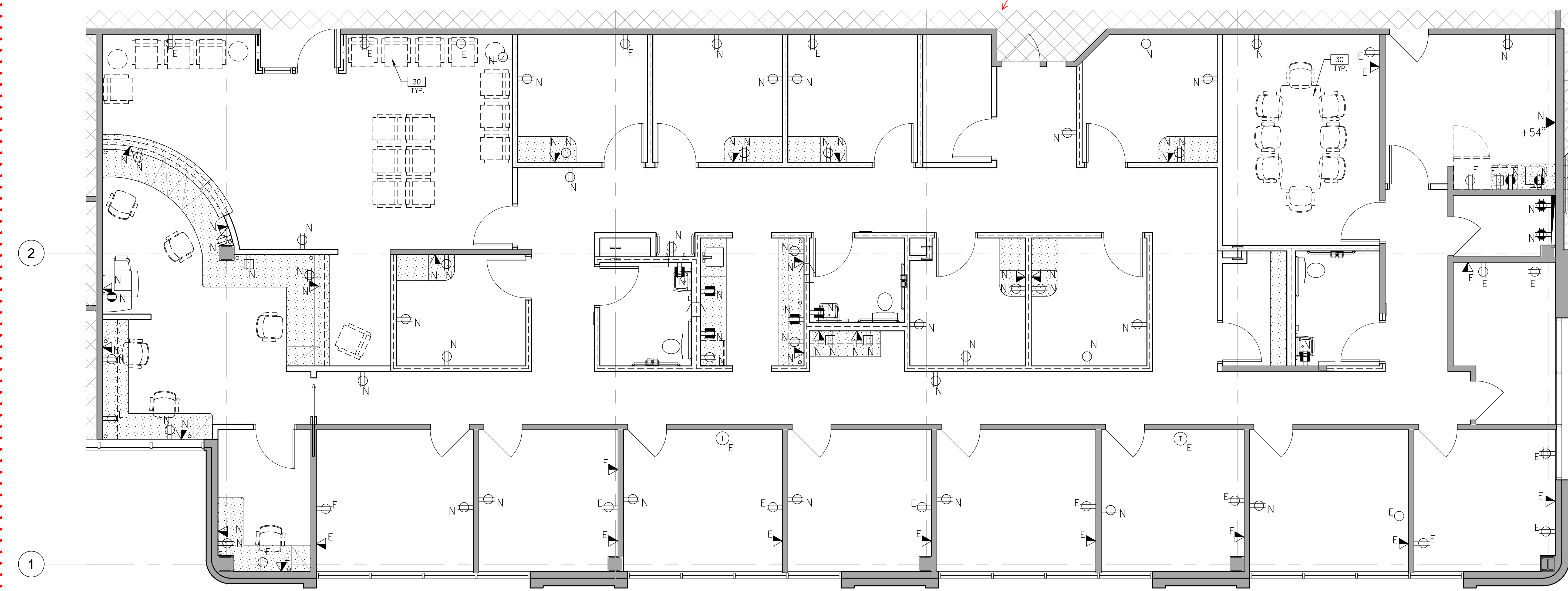


Provide lever or other approved hardware on all new or relocated doors.  
2009 ANSI A117.1

CLOUDED AREA NOT PART OF THIS PLAN REVIEW

City of Aurora Building Division  
Reviewed for Code Compliance  
Approved as Noted: Y. Munoz  
Date: Mar 25, 2016  
2009 INTERNATIONAL CODES & 2011 NEC  
RSN: 1005504  
Permit #: 16-1076410 LT

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



POWER & SIGNAL PLAN  
SCALE: 1/4"=1'-0"

SEE SHEET A0.1 & A0.2 FOR GENERAL NOTES

PARTITION NOTES

- 1 NEW WALLS OF THIS ROOM TO BE INSULATED WITH R-11, UNFACED FIBERGLASS INSULATION.
- 2 NEW LOW WALL WITH TRANSACTION TOP. PROVIDE STEEL SUPPORT AS REQUIRED. HEIGHT WITH TOP TO BE 42" A.F.F. WITH 36" WIDE SECTION TO BE AT 26" A.F.F. (AT MAIN ADMIN. ONLY). SEE ELEVATIONS FOR MORE DETAIL.
- 3 NEW WORK COUNTER WITH BUILT-IN WALL BRACKETS AND BOX/BOX/FILE DRAWERS. NEW UPPER CABINETS ABOVE. PROVIDE GROMMETS AS SHOWN.
- 4 NEW WORK COUNTER WITH BUILT-IN WALL BRACKETS AND BOX/BOX/FILE DRAWERS. PROVIDE GROMMETS AS SHOWN.
- 5 NEW UPPER & LOWER CABINETS WITH DRAWERS, BACK SPLASH AND SINGLE-BASIN STAINLESS STEEL SINK WITH FAUCET. PROVIDE GARBAGE DISPOSAL.
- 6 NEW LOWER CABINETS WITH DRAWERS, BACK SPLASH AND SINGLE-BASIN STAINLESS STEEL SINK WITH FAUCET.
- 7 NEW LOWER CABINETS AND WORK COUNTER WITH BUILT-IN WALL BRACKET.
- 8 NEW UPPER MAIL SLOT WITH LOWER SHELVING.
- 9 NEW REFRIGERATOR TO BE PROVIDED AND INSTALLED BY TENANT. PROVIDE RECESSED WATER LINE FOR ICE MAKER.
- 10 NEW DISHWASHER TO BE PROVIDED AND INSTALLED BY G.C. DISHWASHER TO BE ACCESSIBLE.
- 11 SEMI-RECESSED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER TO MATCH BUILDING STANDARD FINISH - PAINT (SEMI-GLOSS) TO MATCH ADJACENT WALL. EXTINGUISHER TO BE #3005, 2A:10B:C. SEE 5 AB.1
- 12 NEW LOWER CABINETS WITH DRAWERS AND LOWER WORK COUNTER WITH BUILT-IN WALL BRACKET.
- 13 NEW UPPER CABINETS WITH DRAWERS AND LOWER WORKSURFACE WITH BOX/BOX/FILE. GROMMETS AS SHOWN.
- 14 NEW (5) 15" DEEP ADJUSTABLE SHELVES ON HEAVY-DUTY BRACKETS AND STANDARDS. SEE DETAIL 7 ON SHEET A6.2.
- 15 NEW UNDER-COUNTER REFRIGERATOR TO BE PROVIDED AND INSTALLED BY TENANT.
- 16 NEW BACKING SUPPORT BEHIND WALL FOR 18" HANDRAILS HORIZONTALLY MOUNTED AT EACH SIDE WALLS AND (2) 18" HANDRAILS VERTICALLY MOUNTED AND BACK WALL. CONFIRM HEIGHT WITH TENANT.

POWER & SIGNAL NOTES

- 30 ALL FURNITURE TO BE PROVIDED AND INSTALLED BY TENANT.

DOOR SCHEDULE

SEE DETAILS 1 THROUGH 3 ON SHEET A8.2 FOR SECTION DETAILS.

DOOR & FRAME:

- 1 REUSE IF POSSIBLE OR PROVIDE SUITE STANDARD DOORS. ALL DOORS TO BE PRE-MACHINED FOR CYLINDRICAL HARDWARE AND FREE FROM DAMAGE AND IRREGULARITIES.
- A REUSE OR PROVIDE AND INSTALL NEW DOOR AND FRAME ASSEMBLY TO MATCH SUITE STANDARD LISTED ABOVE.
- B PROVIDE AND INSTALL NEW DOOR AND FRAME ASSEMBLY WITH DETACHED TEMPERED CLEAR SIDELIGHT. SIDELIGHT IS 24" WIDE WITH FRAME TO MATCH DOOR.
- C PROVIDE AND INSTALL NEW POCKET DOOR AND FRAME ASSEMBLY.
- D EXISTING DOOR AND FRAME ASSEMBLY TO REMAIN. TOUCH-UP FINISH AS REQUIRED TO ACHIEVE "BEST POSSIBLE APPEARANCE".

HARDWARE:

- 1 DOOR HARDWARE SHALL BE AN ACCESSIBLE LEVER STYLE. HARDWARE TO MATCH SUITE STANDARD.
- 2 PROVIDE AND INSTALL NEW PASSAGE SET HARDWARE SET WITH CLOSER TO MATCH SPECIFICATIONS LISTED ABOVE.
- 3 PROVIDE AND INSTALL NEW OFFICE/ENTRANCE FUNCTION LOCK SET HARDWARE SET AND WALL MOUNTED DOOR STOP TO MATCH SPECIFICATION LISTED ABOVE.
- 4 PROVIDE AND INSTALL NEW STORAGE FUNCTION LOCK SET HARDWARE WITH CLOSER AND WALL MOUNTED DOOR STOP TO MATCH SPECIFICATIONS LISTED ABOVE.
- 5 PROVIDE AND INSTALL NEW PRIVACY FUNCTION LOCK SET HARDWARE WITH CLOSER AND WALL MOUNTED DOOR STOP TO MATCH SPECIFICATIONS LISTED ABOVE.
- 6 PROVIDE AND INSTALL NEW PULL HARDWARE WITH FINISH TO MATCH STD. PROVIDE LOCKING HARDWARE.
- 7 EXISTING DOOR HARDWARE TO REMAIN.
- 8 PROVIDE AND INSTALL NEW ENTRANCE FUNCTION LOCK SET HARDWARE SET WITH KEYPAD AND CLOSER.

LEGENDS

- INDICATES AREA NOT IN CONTRACT (N.I.C.)
- WALL LEGEND**
- EXISTING CONSTRUCTION
  - FULL HEIGHT NON-RATED PARTITION TO STRUCTURE
  - LOW WALL PARTITION, SEE PLAN SPECIFIC NOTES FOR WALL HEIGHT
  - PARTITION TO UNDERSIDE OF CEILING
  - FULL HEIGHT PARTITION TO 6" ABOVE CEILING

NOTE: SEE METAL WALL STUD TABLE ON SHEET A8.1 TO SELECT APPROPRIATE WALL STUD SIZE FOR WALL HEIGHT.

POWER & SIGNAL LEGEND

- EXISTING OUTLETS TO REMAIN U.O.N.
- NEW 110v. DUPLEX RECEPTACLE, MOUNTED VERTICALLY AT +18" A.F.F., U.O.N. "C" DESIGNATES RECESSED TYPE SOCKET.
  - NEW DEDICATED 110v./20 AMP DUPLEX RECEPTACLE, MOUNTED VERTICALLY AT +18" A.F.F., U.O.N.
  - NEW DEDICATED 110v./20 AMP FOURPLEX RECEPTACLE, MOUNTED AT +18" A.F.F., U.O.N.
  - NEW 110v. DUPLEX RECEPTACLE, MOUNTED 6" ABOVE COUNTER OR SPLASH.
  - NEW DEDICATED 110v./20 AMP DUPLEX RECEPTACLE, MOUNTED 6" ABOVE COUNTER OR SPLASH.
  - NEW COMBINATION TELEPHONE/DATA OUTLET MUD RING, WALL-MOUNTED AT 18" A.F.F., U.O.N. PROVIDE PULL ROPE TO ABOVE ACCESSIBLE CEILING SPACE.
  - NEW COMBINATION TELEPHONE/DATA OUTLET MUD RING, WALL-MOUNTED 6" ABOVE COUNTER OR SPLASH. PROVIDE PULL ROPE TO ABOVE ACCESSIBLE CEILING SPACE.
  - NEW WALL-MOUNTED 4'-0" W X 4'-0" H X 3/4" THICK, FIRE-RATED PLYWOOD BACKBOARD PANEL. BOTTOM OF PANEL TO BE INSTALLED AT 3'-0" A.F.F. PAINT TO MATCH WALL. PROVIDE (2) 20 AMP DEDICATED FOURPLEX OUTLETS, (1) FOR TELEPHONE EQUIPMENT & (1) FOR SECURITY.

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PARTITION AND POWER & SIGNAL PLANS			
DATE	CLIENT/ENGINEER	ISSUE FOR PERMIT	REMARKS
02/22/16			

PA / PM: E. ZABEL  
DRAWN BY: M.K.  
JOB NO.: DEN15-6154-00

SHEET  
**A2.1**  
THU 25 FEB 2016



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REFLECTED CEILING AND FINISH PLANS			
DATE	CLIENT REVIEW	ISSUE FOR PERMIT	REMARKS
02/22/16			

PA / PM:	E. ZABEL
DRAWN BY:	M.K.
JOB NO.:	DEN15-6154-00

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**A3.1**  
THU 25 FEB 2016

SEE SHEET A0.1 & A0.2 FOR GENERAL NOTES

### REFLECTED CEILING NOTES

- THE CEILING/LIGHTING IN THIS ROOM/AREA IS EXISTING TO REMAIN.
- PROVIDE NEW GRID IN THIS ROOM TO MATCH EXISTING BUILDING STANDARD. HEIGHT TO MATCH EXISTING. SEE DETAILS 18 THROUGH 20 ON SHEET A8.1.
- NEW METAL STUDS AND GYPSUM BOARD SOFFIT. HEIGHT TO BE 12" BELOW GRID CEILING HEIGHT.
- NEW GYP. BOARD CEILING TO BE AT 9'-0" CEILING HEIGHT.
- NEW METAL STUDS AND GYPSUM BOARD HEADER TO BE ALIGNED AT TOP OF THE DOORS HEIGHT, U.O.N.
- NEW CEILING OF THIS ROOM IS TO BE PROVIDED WITH (1) LAYER OF R-19 UNFACED FIBERGLASS INSULATION.
- NEW LIGHT FIXTURE TO BE CENTERED IN THIS ROOM.
- TYPICAL INSTALLATION OF LIGHT SWITCHES AND T-STATS THROUGHOUT, U.O.N., SEE 4 A8.2

### FINISH NOTES

- ROOMS TO RECEIVE PAINT (P-1), RUBBER BASE (RB-1) AND CARPET (C-1), U.O.N.
- NEW PAINT IN THIS ROOM TO BE SEMI-GLOSS.
- SEE ENLARGED RESTROOM ELEVATIONS ON SHEET A6.1 FOR WALL FINISHES.
- SEE MILLWORK ELEVATIONS ON SHEET A6.2 FOR COUNTERTOP AND CABINETRY FINISHES.
- PROVIDE STAIN GRADE CHAIR RAIL TO MATCH BLDG. STD. DOOR FINISH. INSTALL AT 36" A.F.F.

### ALTERNATE

- A PROVIDE LVT-LUXURY VINYL TILE IN WAITING ROOM.

### LEGENDS

INDICATES AREA NOT IN CONTRACT (N.I.C.)

### CEILING LEGEND

- NEW SUSPENDED CEILING SYSTEM THROUGHOUT TO MATCH EXISTING. HEIGHT TO MATCH EXISTING.
- EXISTING 2'x4' SUSPENDED CEILING GRID & TILES TO REMAIN
- 5/8" TYPE "X" GYPSUM BOARD CEILING OR SOFFIT - USE RATED MATERIAL & CONSTRUCTION WHERE REQUIRED.
- EXISTING 2'x4' FLUORESCENT LIGHT FIXTURE TO REMAIN
- RELOCATED EXISTING 2'x4' FLUORESCENT LIGHT FIXTURE WITH PARABOLIC LENS & ELECTRIC BALLAST.
- NEW WALL-MOUNTED 2' WRAP-AROUND FLUORESCENT LIGHT FIXTURE. INSTALL AT +7'-0" A.F.F.
- NEW RECESSED DOWNLIGHT.
- NEW PENDANT LIGHT FIXTURE. T.B.D.
- STANDARD 4' STRIP FLUORESCENT FIXTURE MOUNTED UNDER UPPER CABINETRY.

### SYMBOLS LEGEND

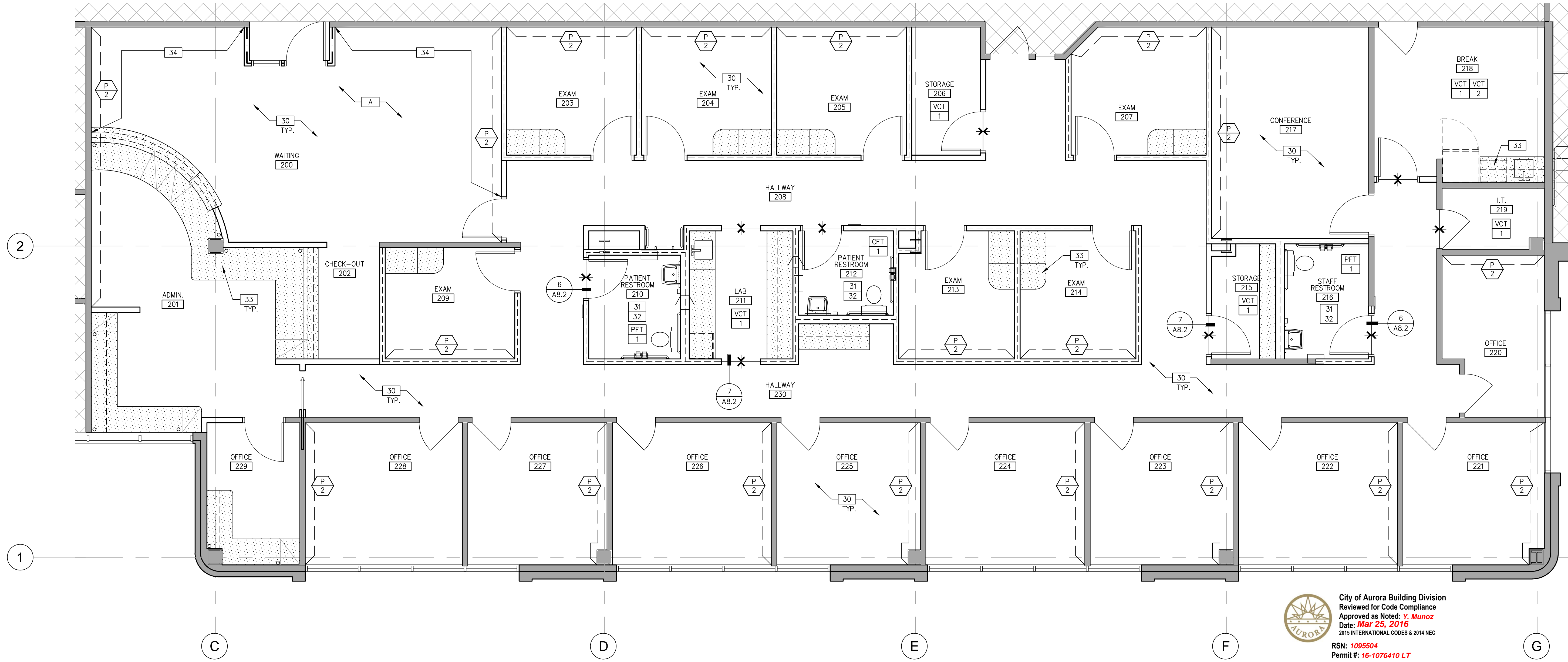
- INDICATES LINE OF FLOOR TRANSITION
- INDICATES LOCATION OF NON-TYPICAL WALL FINISH

### FINISH LEGEND

- WALL FINISHES**
- ITEM: PAINT - TYPICAL THROUGHOUT, U.O.N.  
MFR: T.B.D.  
COLOR/NO: T.B.D.  
FINISH: T.B.D.
- ITEM: PAINT - ACCENT  
MFR: T.B.D.  
COLOR/NO: T.B.D.  
FINISH: T.B.D.
- FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING PAINT SEE [www.waremalcomb.com/ws/09900-001.pdf](http://www.waremalcomb.com/ws/09900-001.pdf)**
- ITEM: RUBBER BASE  
MFR: T.B.D.  
COLOR/NO: T.B.D.  
SIZE: T.B.D.  
STYLE: STRAIGHT @ CARPET / COVED @ RESILIENT FLOORING
- ITEM: CERAMIC WALL TILE  
MFR: DAL TILE  
COLOR/NO: 0761 MATTE URBAN PUTTY  
SIZE: 6"X6", BULLNOSE TOP & COVE BASE  
GROUT: T.B.D.
- FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING CERAMIC TILE SEE [www.waremalcomb.com/ws/09310-001.pdf](http://www.waremalcomb.com/ws/09310-001.pdf)**
- FLOOR FINISHES**
- ITEM: CARPET - TYPICAL THROUGHOUT, U.O.N.  
MFR: SHAW  
STYLE: 03761 AREA  
COLOR/NO: T.B.D.  
INSTALLATION: GLUE-DOWN
- FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING CARPET SEE [www.waremalcomb.com/ws/09650-001.pdf](http://www.waremalcomb.com/ws/09650-001.pdf)**
- ITEM: PORCELAIN FLOOR TILE  
MFR: MARAZZI  
COLOR/NO: WALNUT CANYON - MULTI  
SIZE: 13"X13"  
GROUT: T.B.D.
- ITEM: VINYL COMPOSITION TILE - FIELD TILE  
MFR: T.B.D.  
COLOR/NO: T.B.D.  
SIZE: T.B.D.
- ITEM: VINYL COMPOSITION TILE - ACCENT TILE  
MFR: T.B.D.  
COLOR/NO: T.B.D.  
SIZE: T.B.D.
- FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING RESILIENT FLOOR COVERING SEE [www.waremalcomb.com/ws/09650-001.pdf](http://www.waremalcomb.com/ws/09650-001.pdf)**
- MISCELLANEOUS FINISHES**
- ITEM: PLASTIC LAMINATE - HORIZONTAL SURFACES  
MFR: T.B.D.  
COLOR/NO: T.B.D.
- ITEM: PLASTIC LAMINATE - VERTICAL SURFACES  
MFR: T.B.D.  
COLOR/NO: T.B.D.
- ITEM: PLASTIC LAMINATE - RECEPTION/CHECK-OUT TRANSACTION  
MFR: T.B.D.  
COLOR/NO: T.B.D.



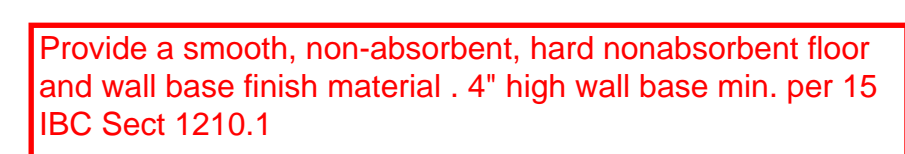
REFLECTED CEILING PLAN  
SCALE: 1/4"=1'-0"



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

City of Aurora Building Division  
Reviewed for Code Compliance  
Approved as Noted: Y. Munoz  
Date: Mar 25, 2016  
2015 INTERNATIONAL CODES & 2014 NEC  
RSN: 1095504  
Permit #: 16-1076410 LT





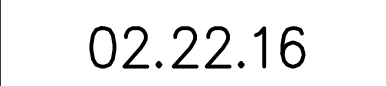
## RESTROOM ELEVATION



Install plumbing fixtures and toilet accessories per Chp. 6 ICC/ANSI A117.1 - 2009

architecture  
planning  
interiors  
graphics  
civil engineering

1600 champa st.  
suite 350  
denver, colorado  
p 720.488.2626

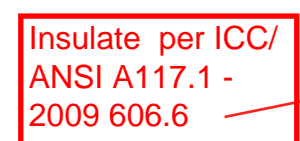


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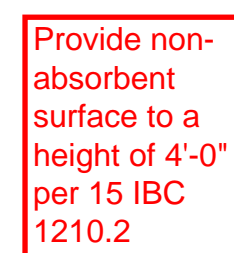
PA / PM:	E. ZABEL
DRAWN BY:	M.K.
JOB NO.:	DEN15-6154-

SHEET

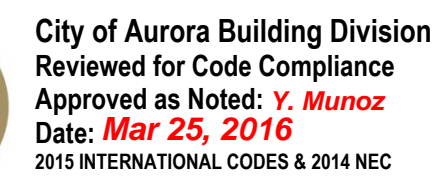
**A6.1**



## RESTROOM ELEVATION

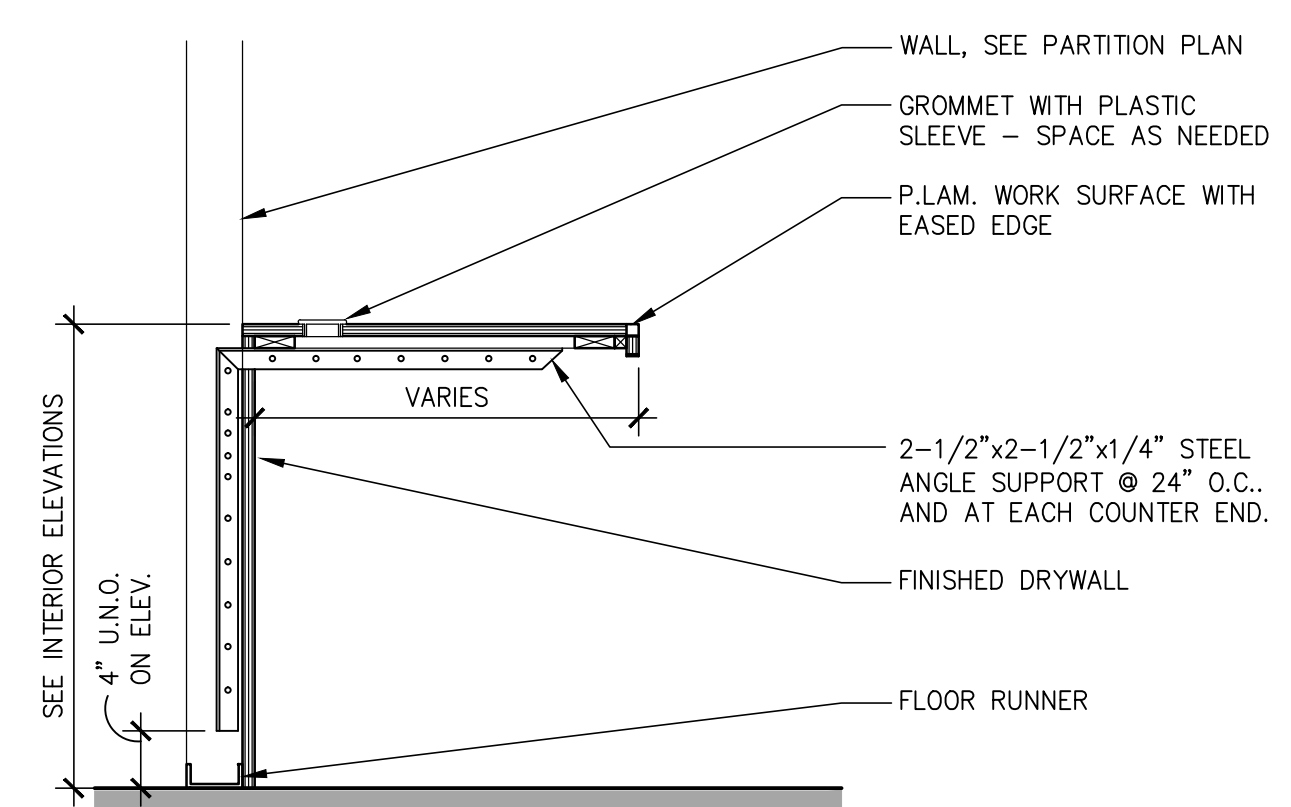


## RESTROOM ELEVATION

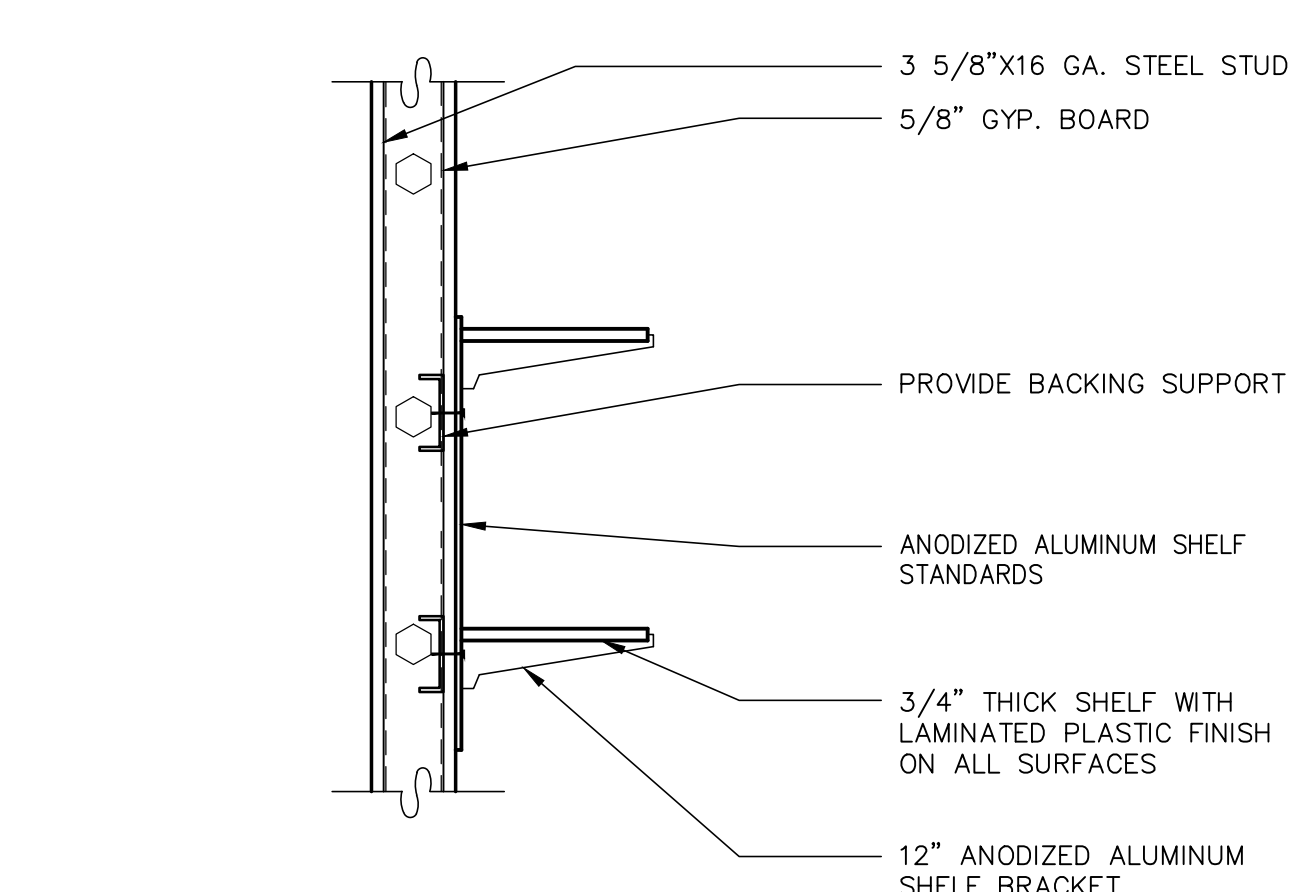


RSN: 1095504  
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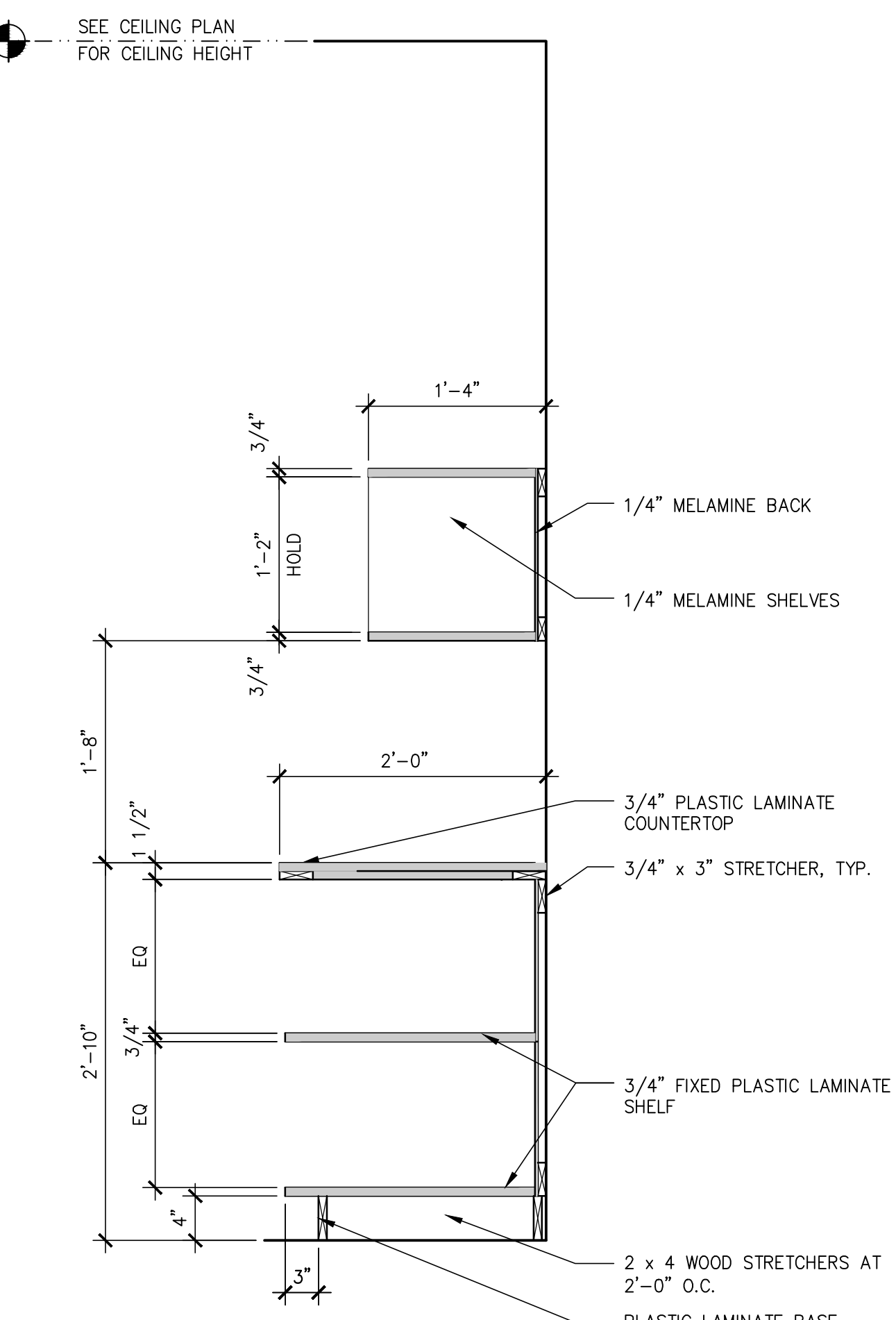




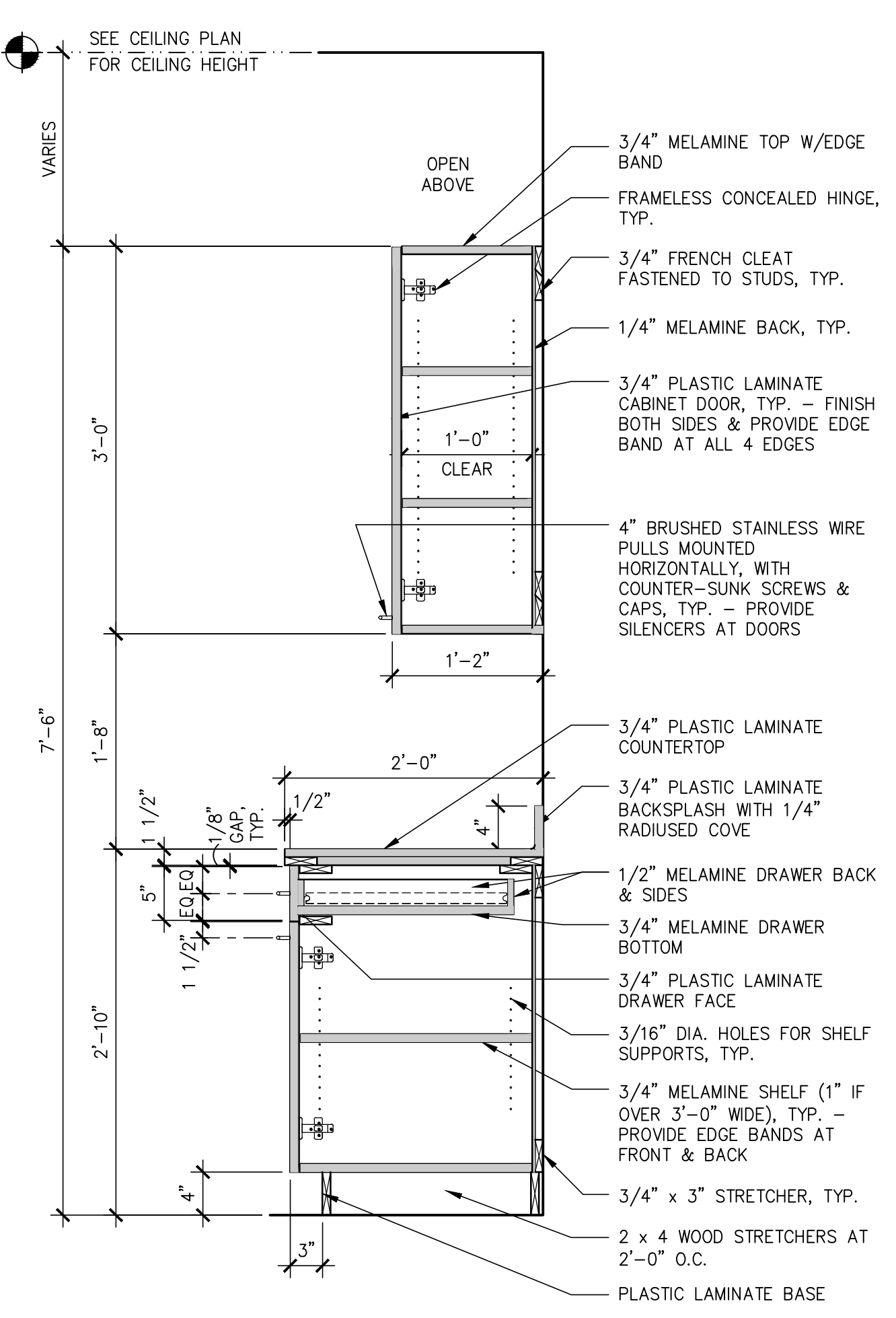
COUNTERTOP SUPPORT  
SCALE: 1"=1'-0" IMWM-Counter-01 6



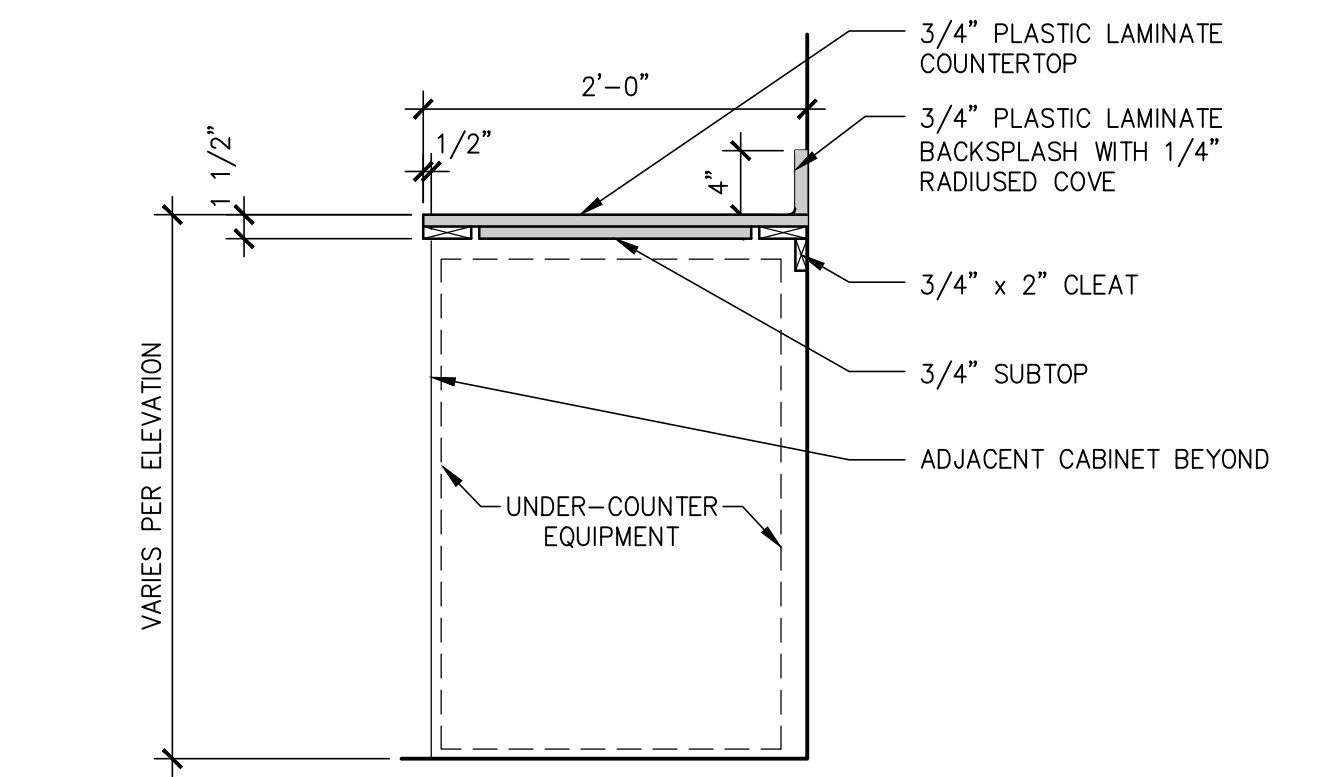
ADJUSTABLE SHELVES  
SCALE: 1"=1'-0" IMWM-Adjust\_shelves-01 7



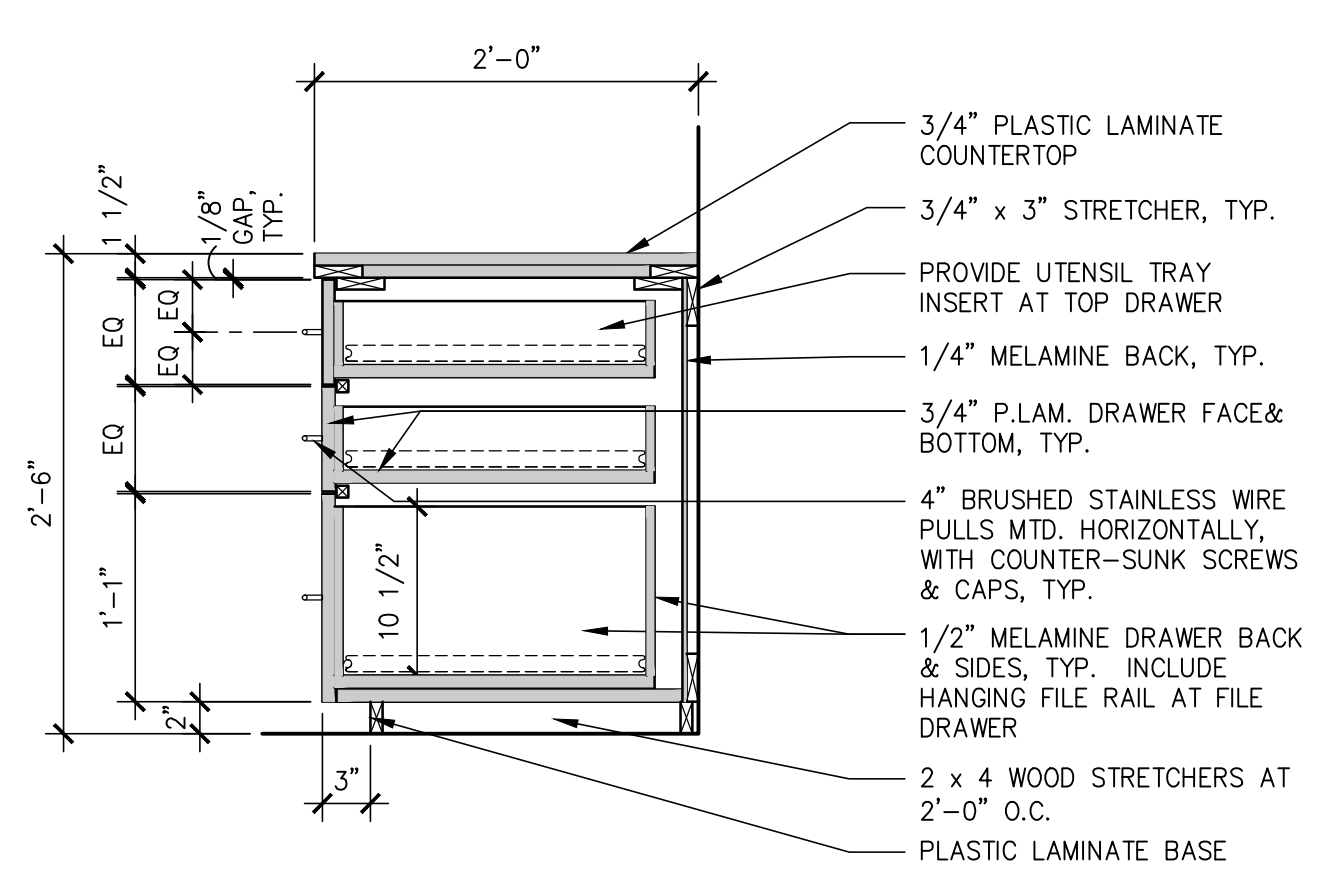
UPPER MAILBOXES-LOWER SHELVES  
SCALE: 1"=1'-0" IMWCB07g-MOD 9



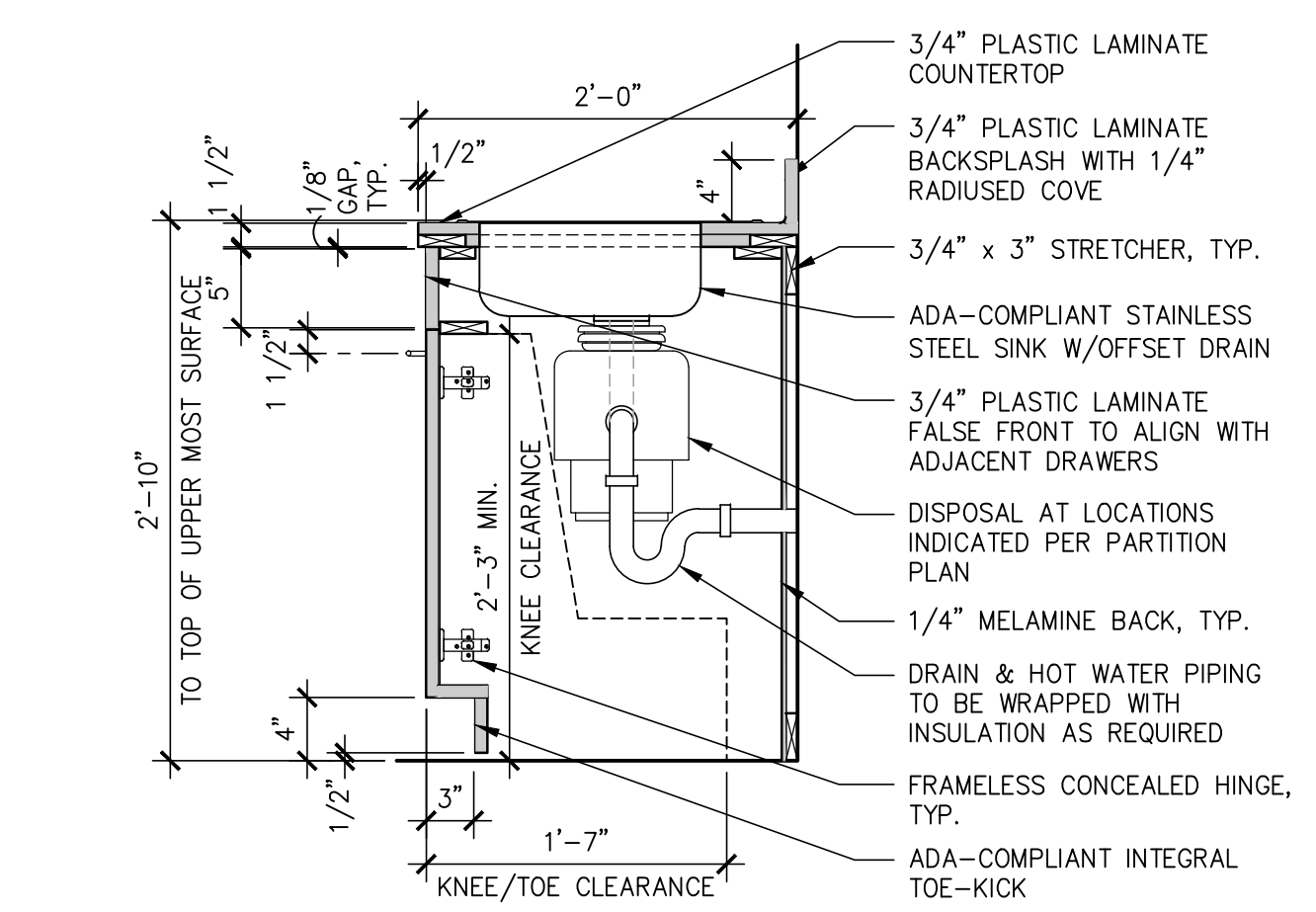
UPPER/LOWER CABINETS  
SCALE: 1"=1'-0" IMWCB-Up\_low\_drws\_splash-04 2



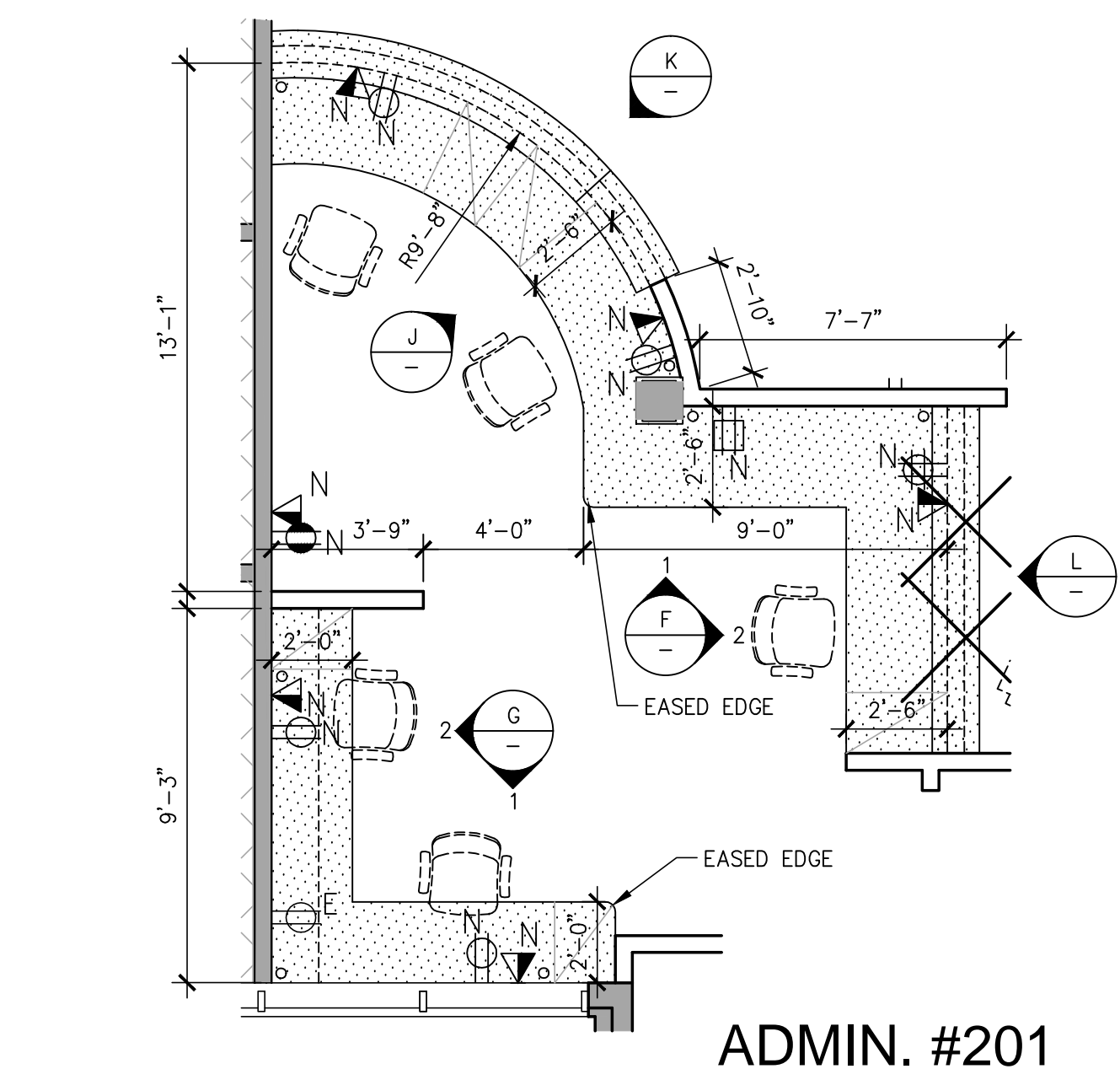
LOWER CAB. AT EQUIP. OPENING  
SCALE: 1"=1'-0" IMWCB-Low\_equipment\_splash-01 3



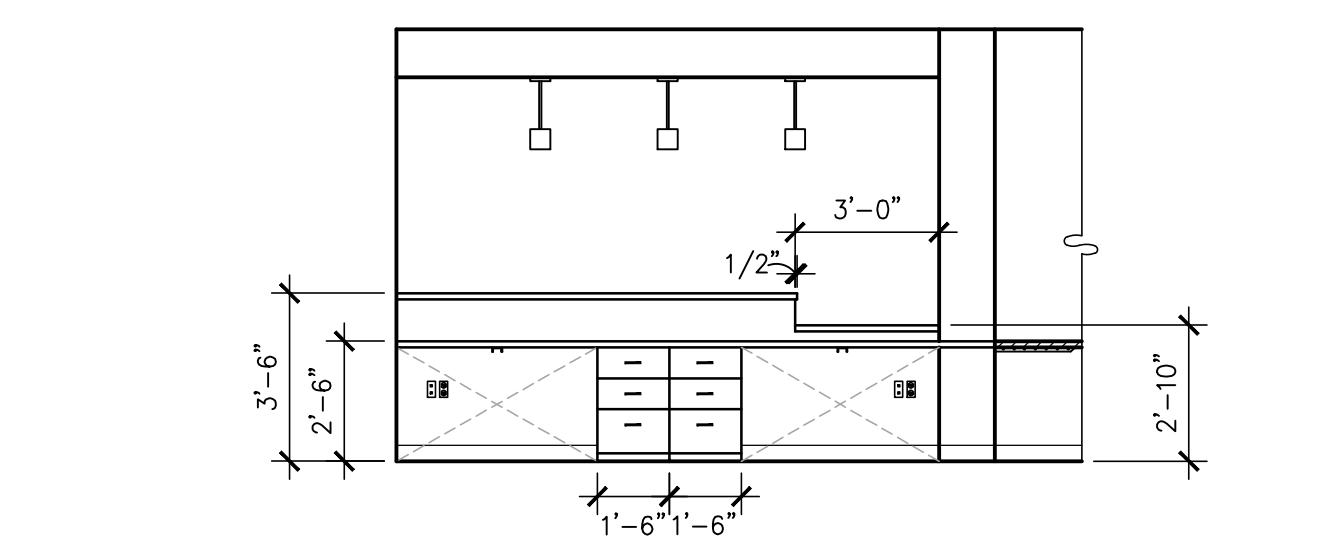
BOX/BOX/FILE @ RECEPTION DESK  
SCALE: 1"=1'-0" (IMWR001a) 4



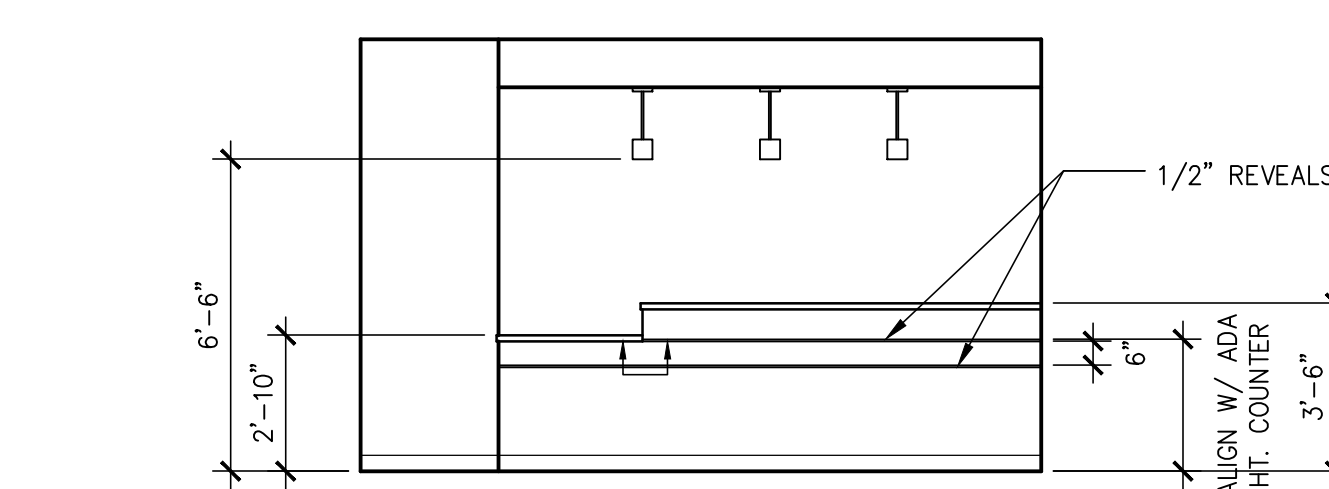
LOWER CABINET AT SINK  
SCALE: 1"=1'-0" IMWCB-Low\_sink\_splash-01 5



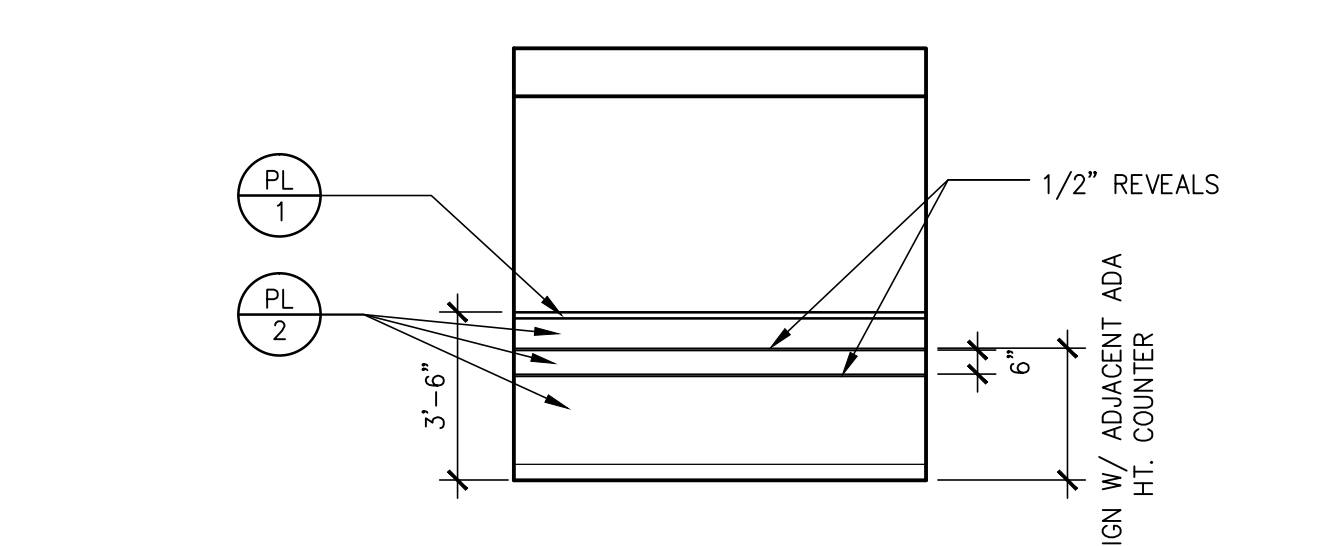
ADMIN. #201  
SCALE: 1/4"=1'-0" H



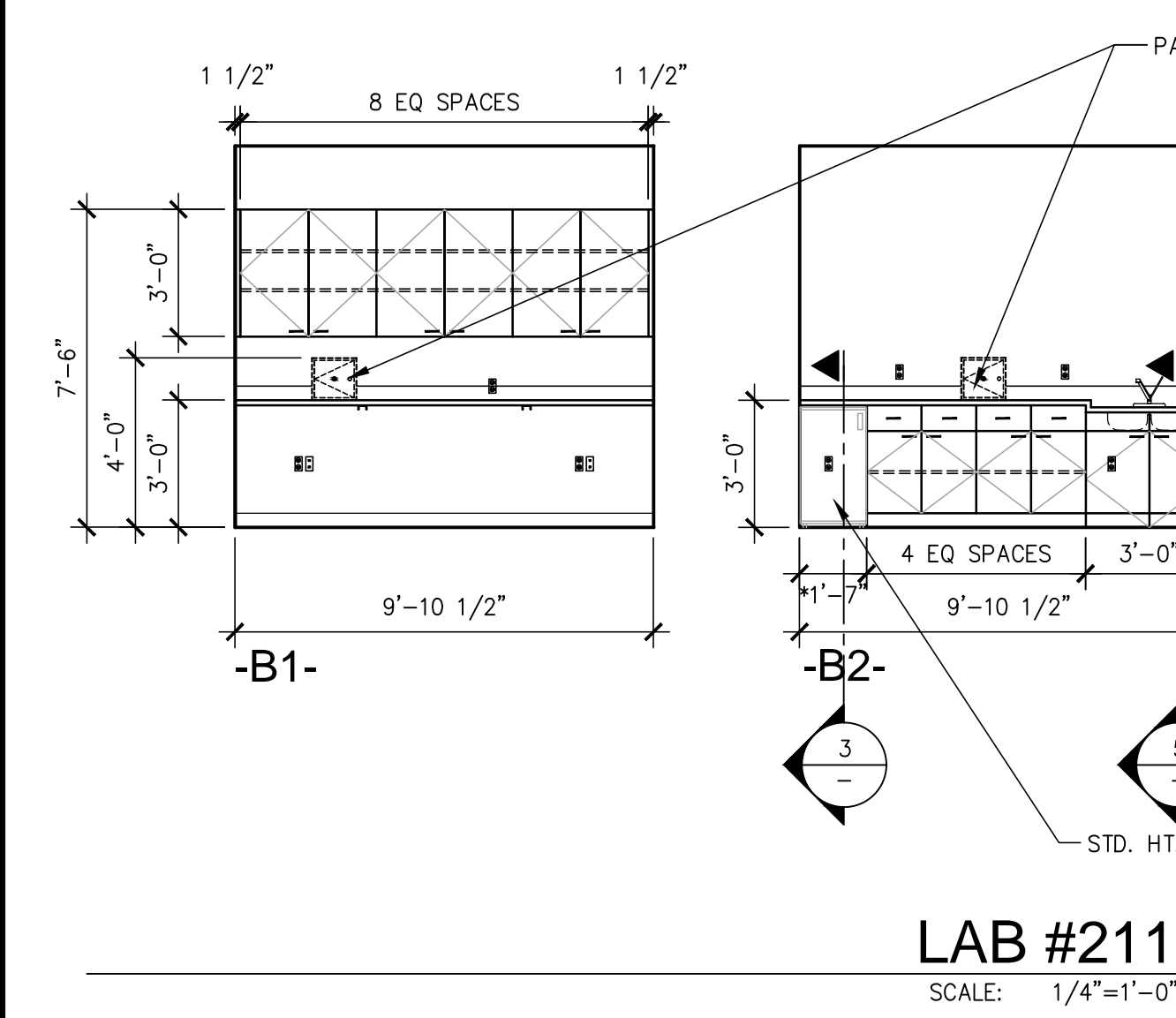
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SCALE: 1/4"=1'-0" J



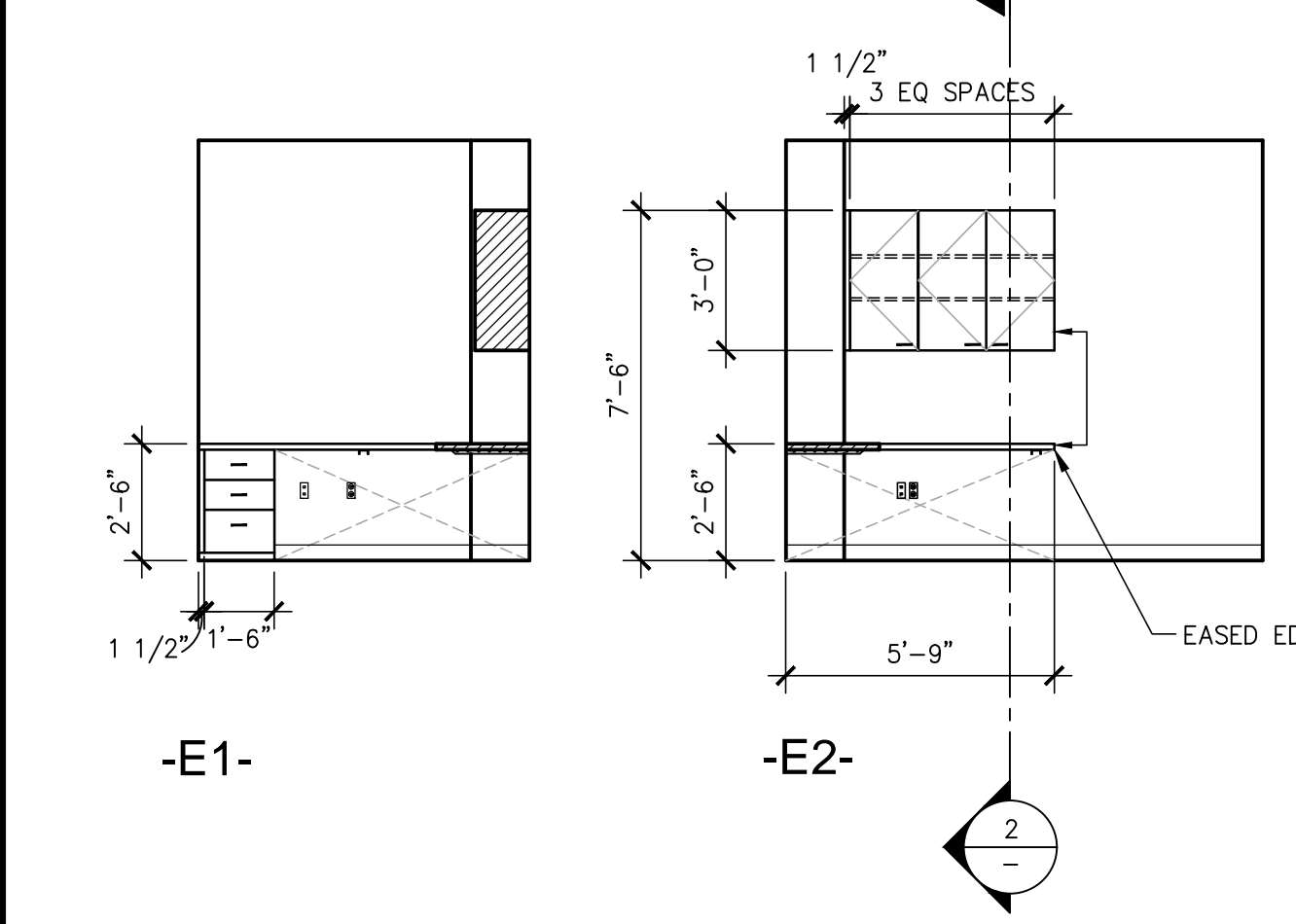
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SCALE: 1/4"=1'-0" K



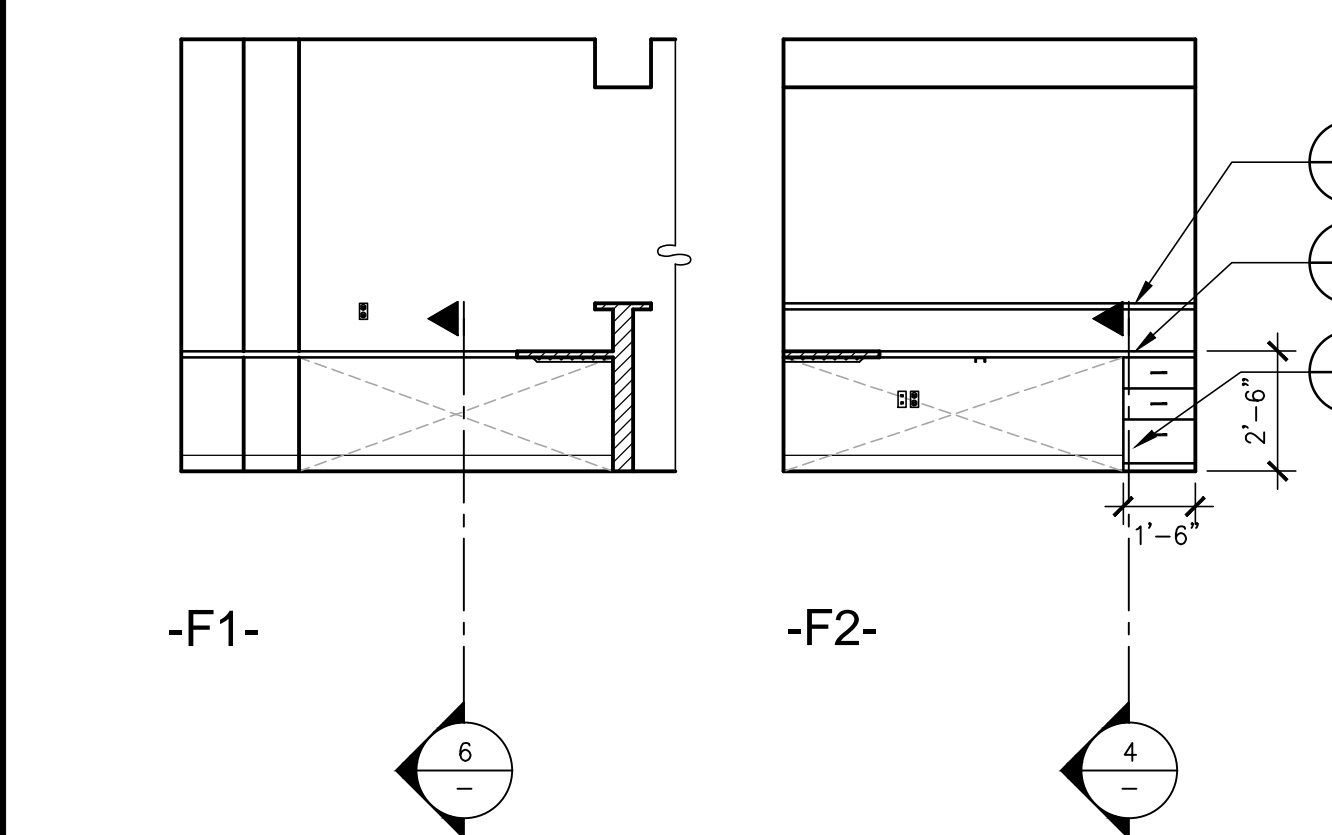
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SCALE: 1/4"=1'-0" L



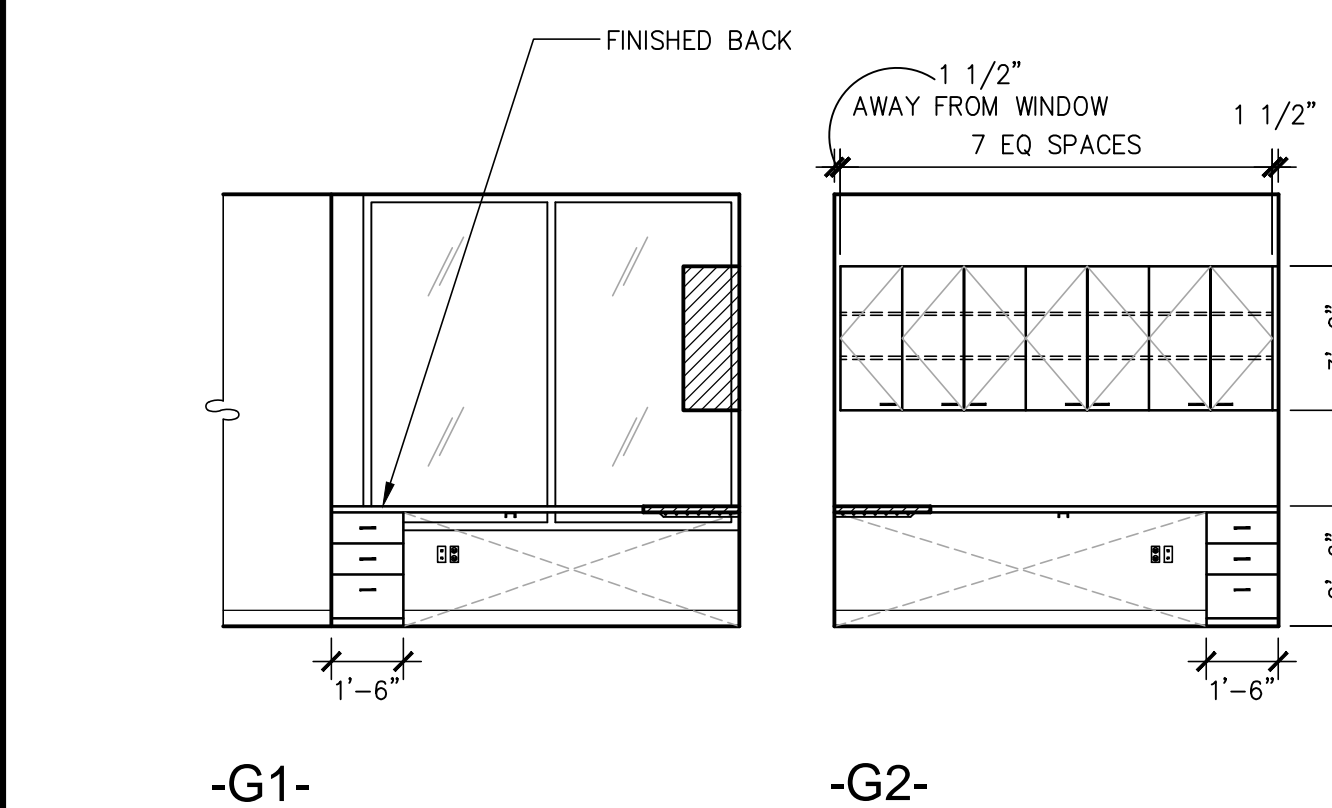
LAB #211  
SCALE: 1/4"=1'-0" D



OFFICE #229  
SCALE: 1/4"=1'-0" E



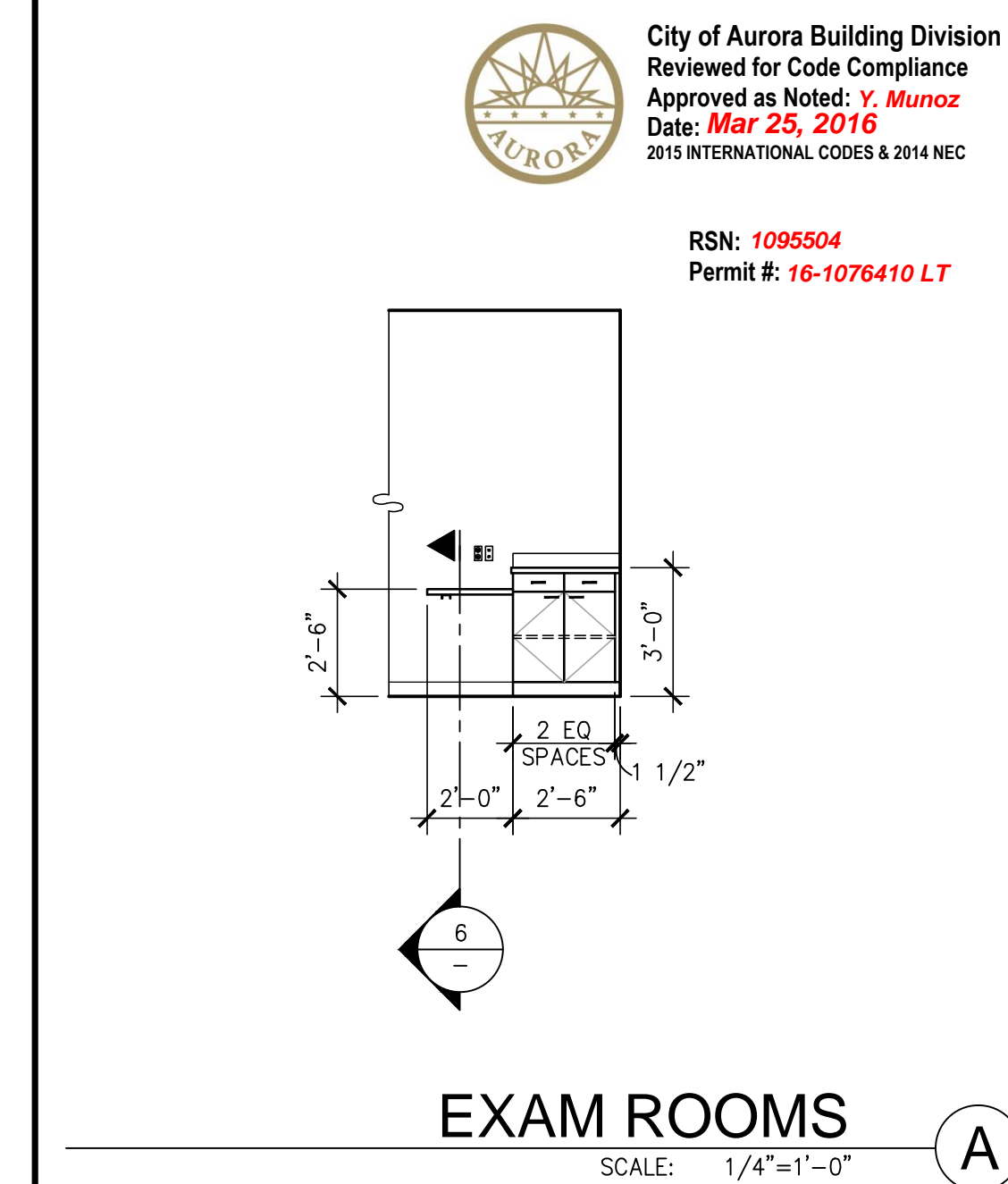
ADMIN. #201  
SCALE: 1/4"=1'-0" F



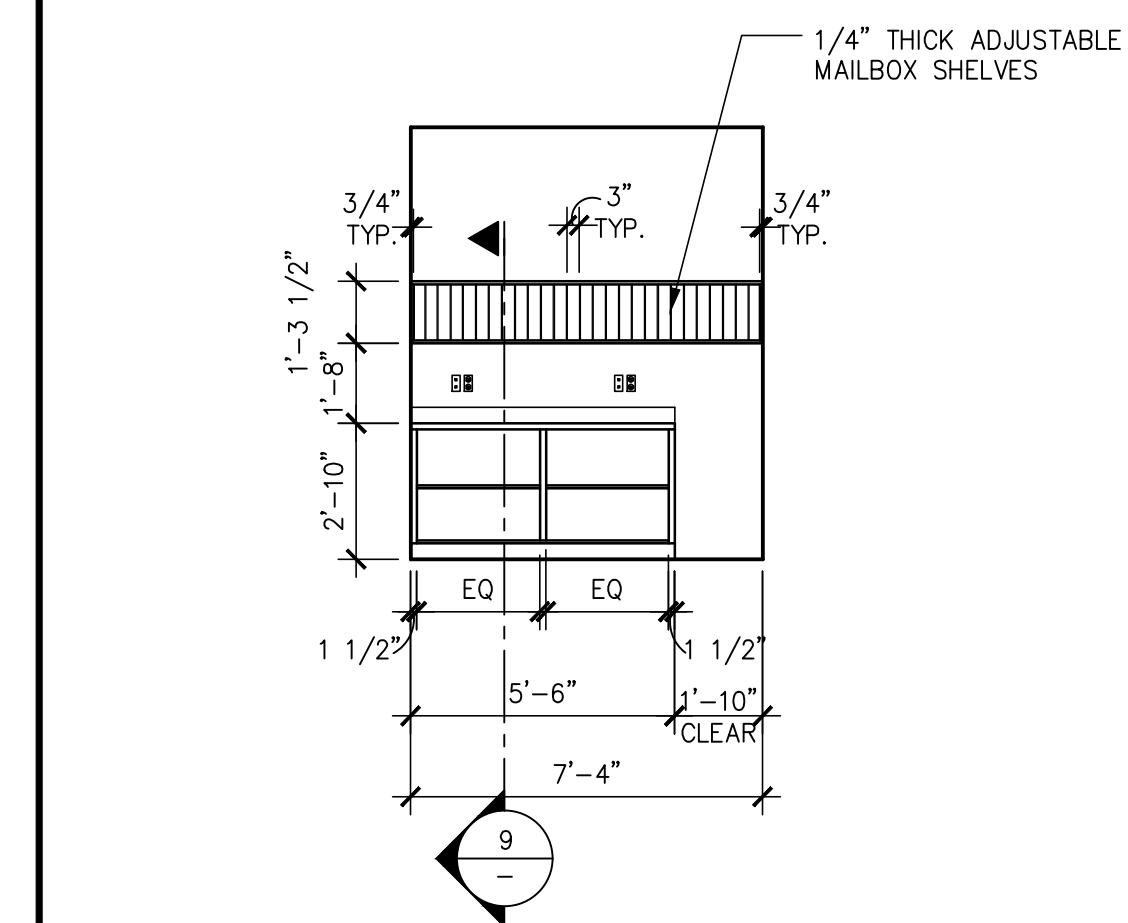
ADMIN. #201  
SCALE: 1/4"=1'-0" G

MILLWORK/CABINETRY NOTES:  
SEE SHEET A0.2 FOR GENERAL NOTES

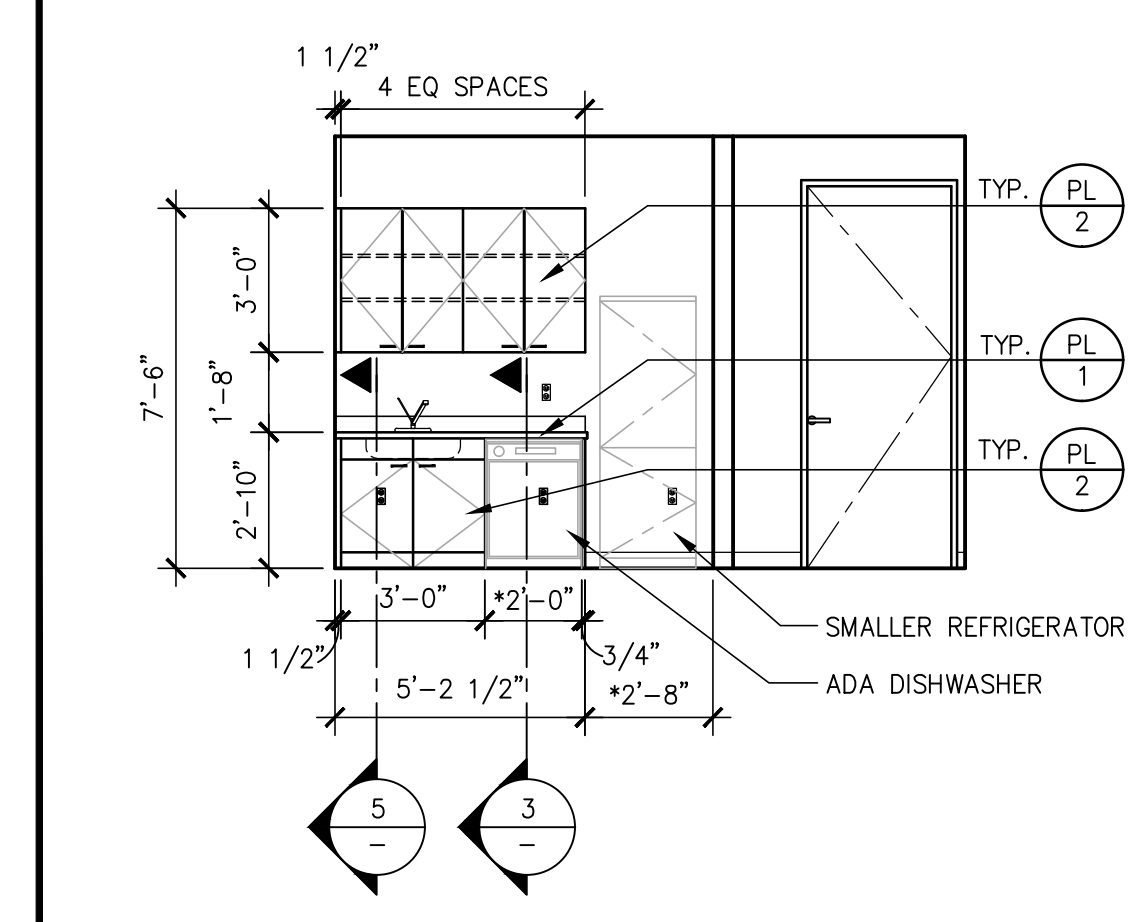
- FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING INTERIOR ARCHITECTURAL WOODWORK SEE [www.waremalcomb.com/ws/06402-001.pdf](http://www.waremalcomb.com/ws/06402-001.pdf)
- ALL MILLWORK SHALL CONFORM TO THE CURRENT WOODWORK INSTITUTE STANDARDS CUSTOM GRADE. ALL CABINETRY SHALL CONFORM TO THE CURRENT WOODWORK INSTITUTE STANDARDS CUSTOM GRADE.
  - SHOP DRAWINGS FOR ALL CABINETRY AND MILLWORK ARE REQUIRED TO BE SUBMITTED TO ARCHITECT AND OWNER FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION.
  - ALL NOTES AND DETAILS FOR DETAIL 2/- ARE TYPICAL FOR THIS ENTIRE PAGE OF DETAILS, UNLESS OTHERWISE NOTED.
  - SEE ELEVATIONS FOR EXTERIOR FINISHES SPECIFICATIONS.
  - DOOR PULLS SHALL BE: 4" SATIN CHROMIUM WIRE PULLS.
  - COUNTERTOPS SHALL HAVE BACK-SPLASHES ONLY WHERE SHOWN ON ELEVATION.
  - CABINET INTERIORS SHALL BE WHITE MELAMINE, INCLUDING EDGES.
  - INTERIOR SHELVING SHALL BE COVERED IN WHITE MELAMINE.
  - DOORS SHALL BE OF FLUSH OVERLAY CONSTRUCTION.
  - DOORS EDGES SHALL BE EDGE BANDED TO MATCH THE FRONTS.
  - INTERIOR OF DOOR SHALL BE FACED WITH SAME MATERIAL AS THE FRONTS.
  - EACH CABINET DOOR TO BE NO LESS THAN 12" WIDE AND NO GREATER THAN 18" WIDE U.O.N.
  - (\*) VERIFY ALL EQUIPMENT CLEARANCES WITH TENANT.



EXAM ROOMS  
SCALE: 1/4"=1'-0" A



HALLWAY #230  
SCALE: 1/4"=1'-0" B



BREAK #218  
SCALE: 1/4"=1'-0" C

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denver, colorado 80202  
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City of Aurora Building Division  
Reviewed for Code Compliance  
Approved as Noted: Y. Munoz  
Date: Mar 25, 2016  
2015 INTERNATIONAL CODES & 2014 NEC

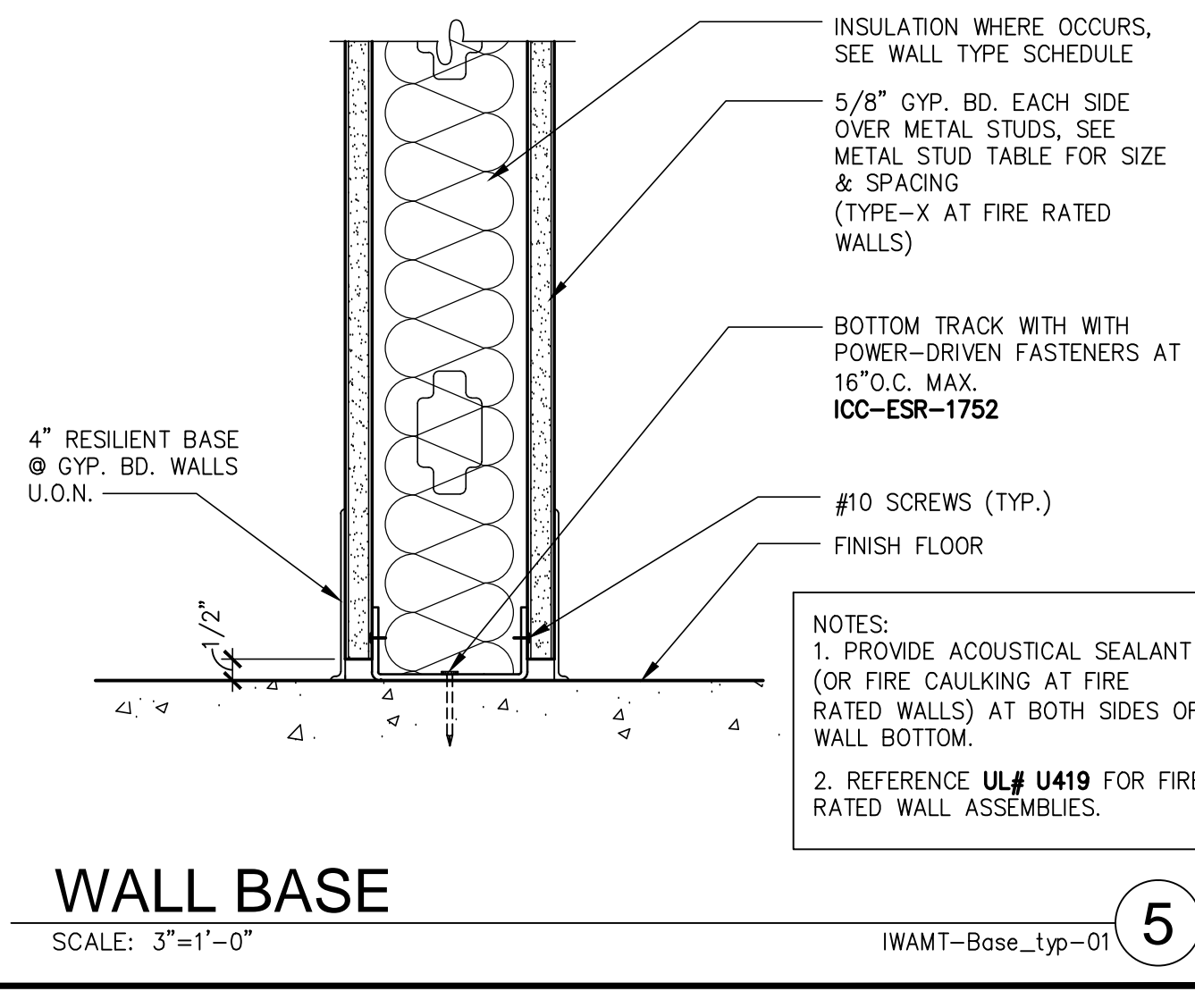
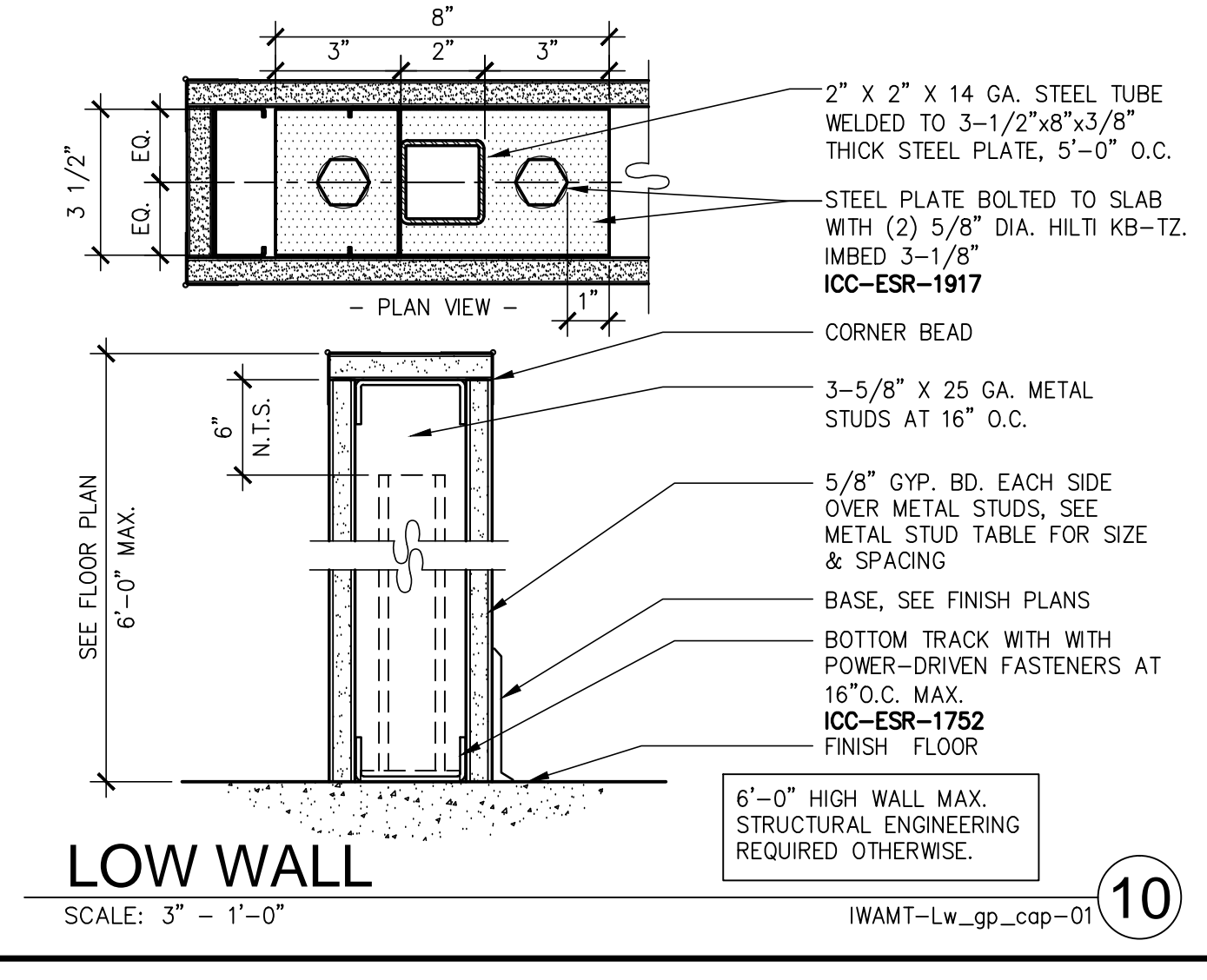
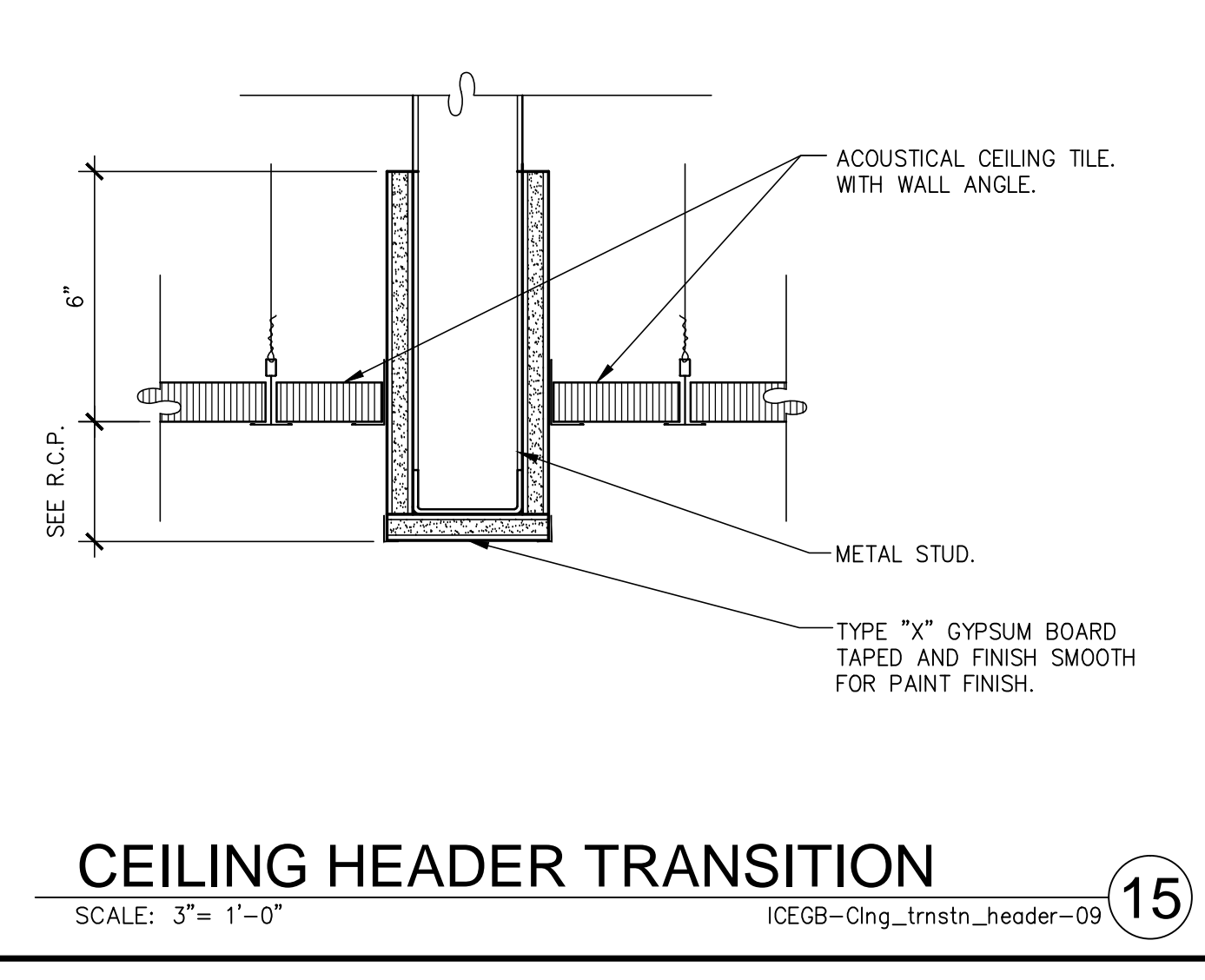
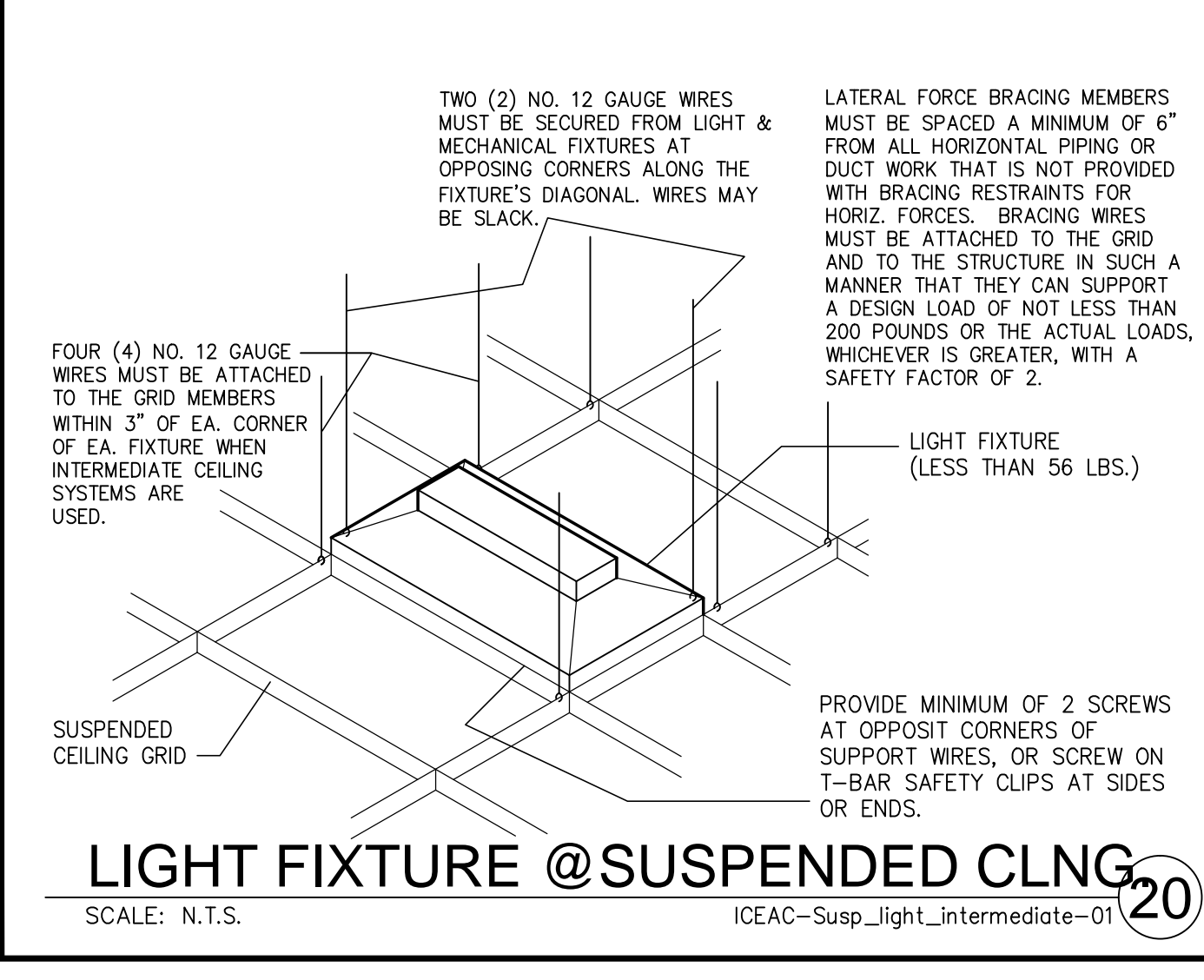
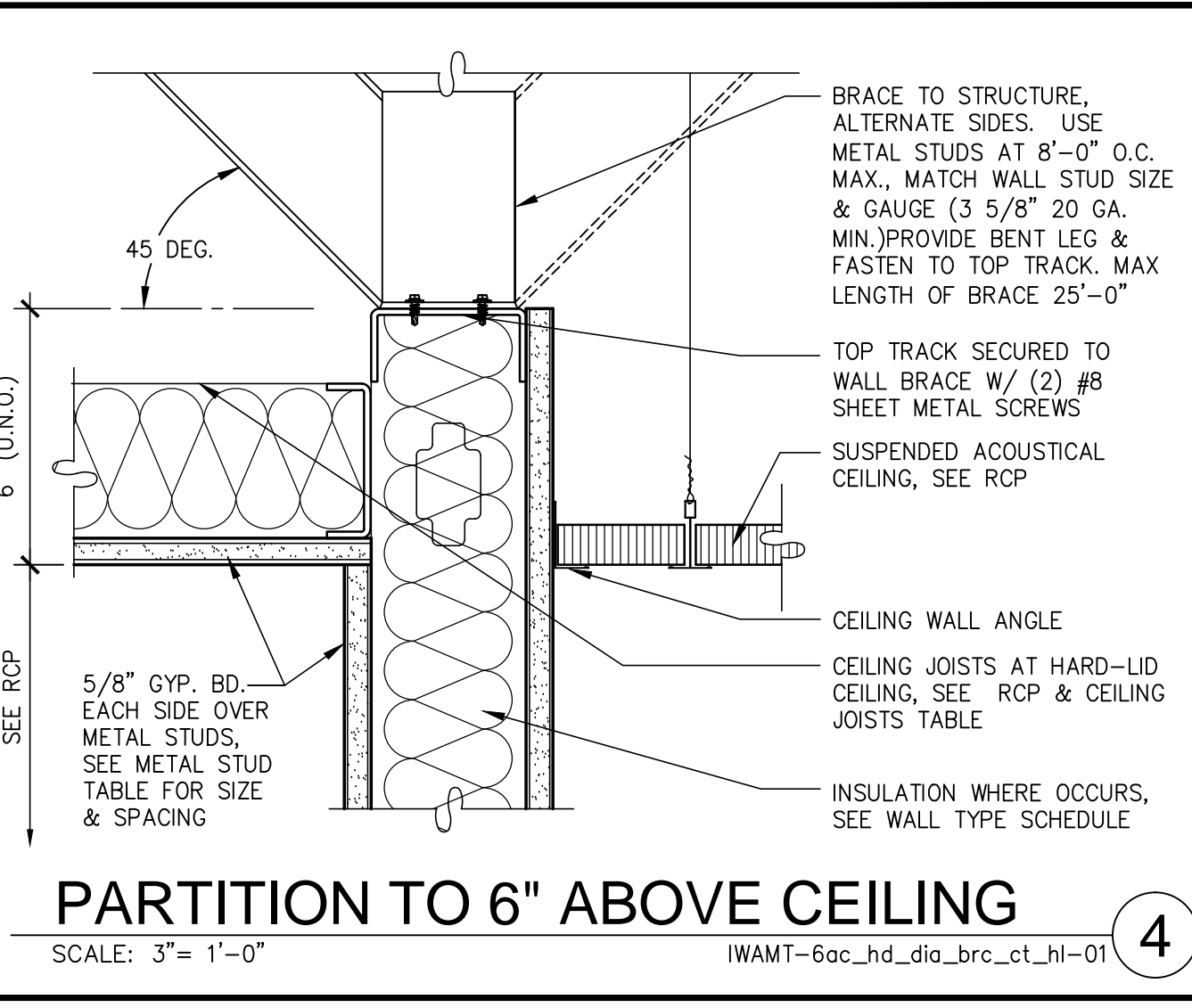
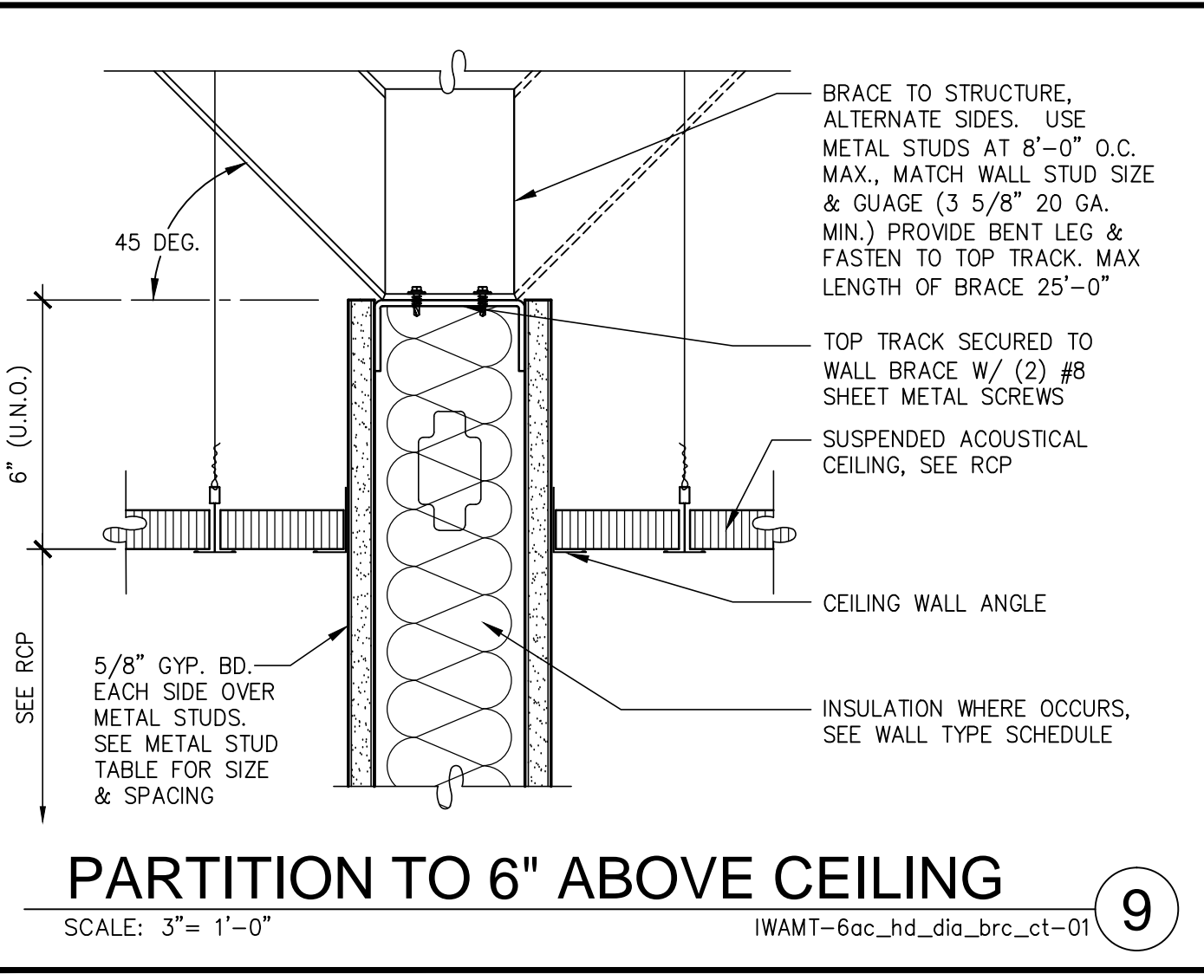
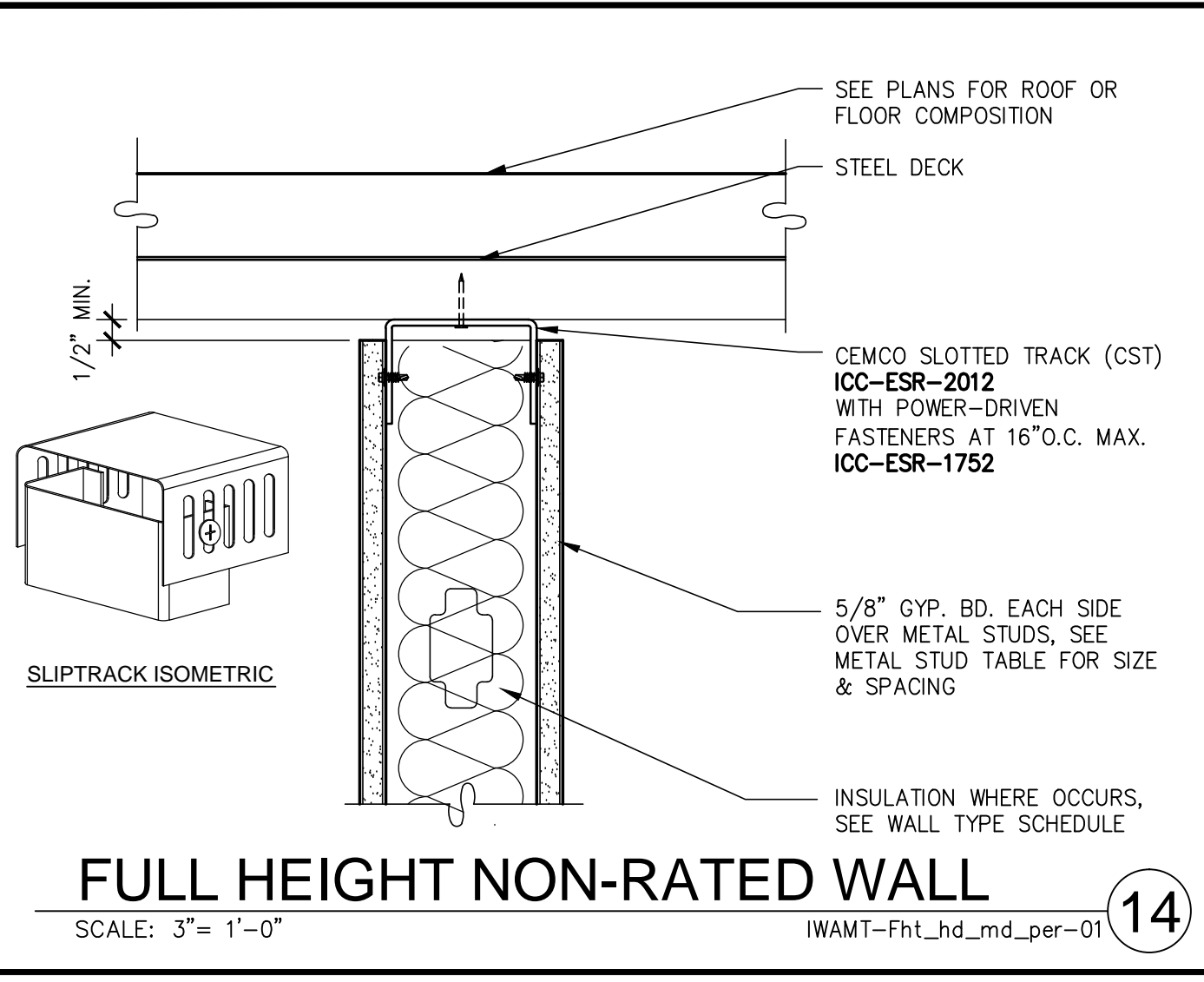
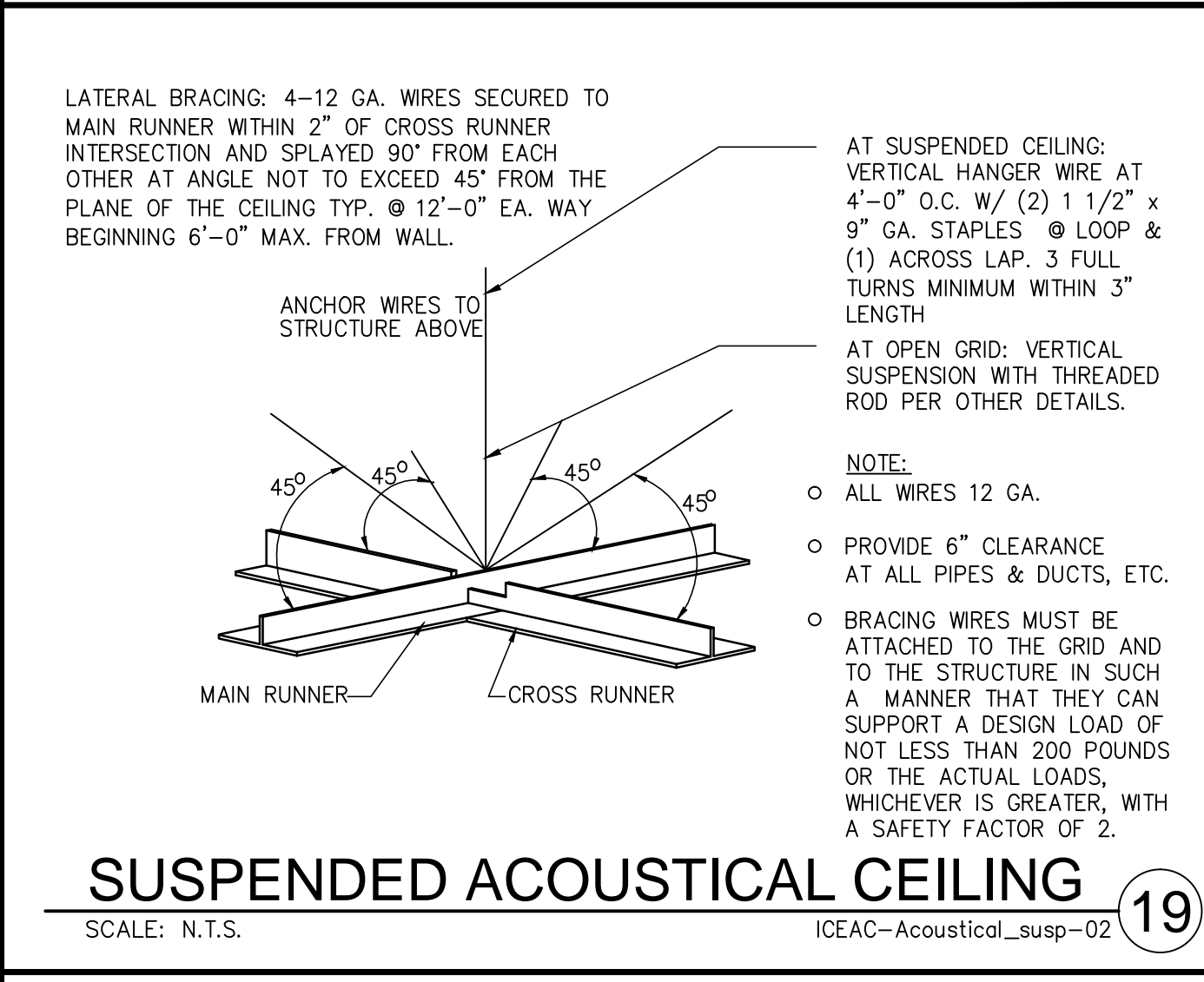
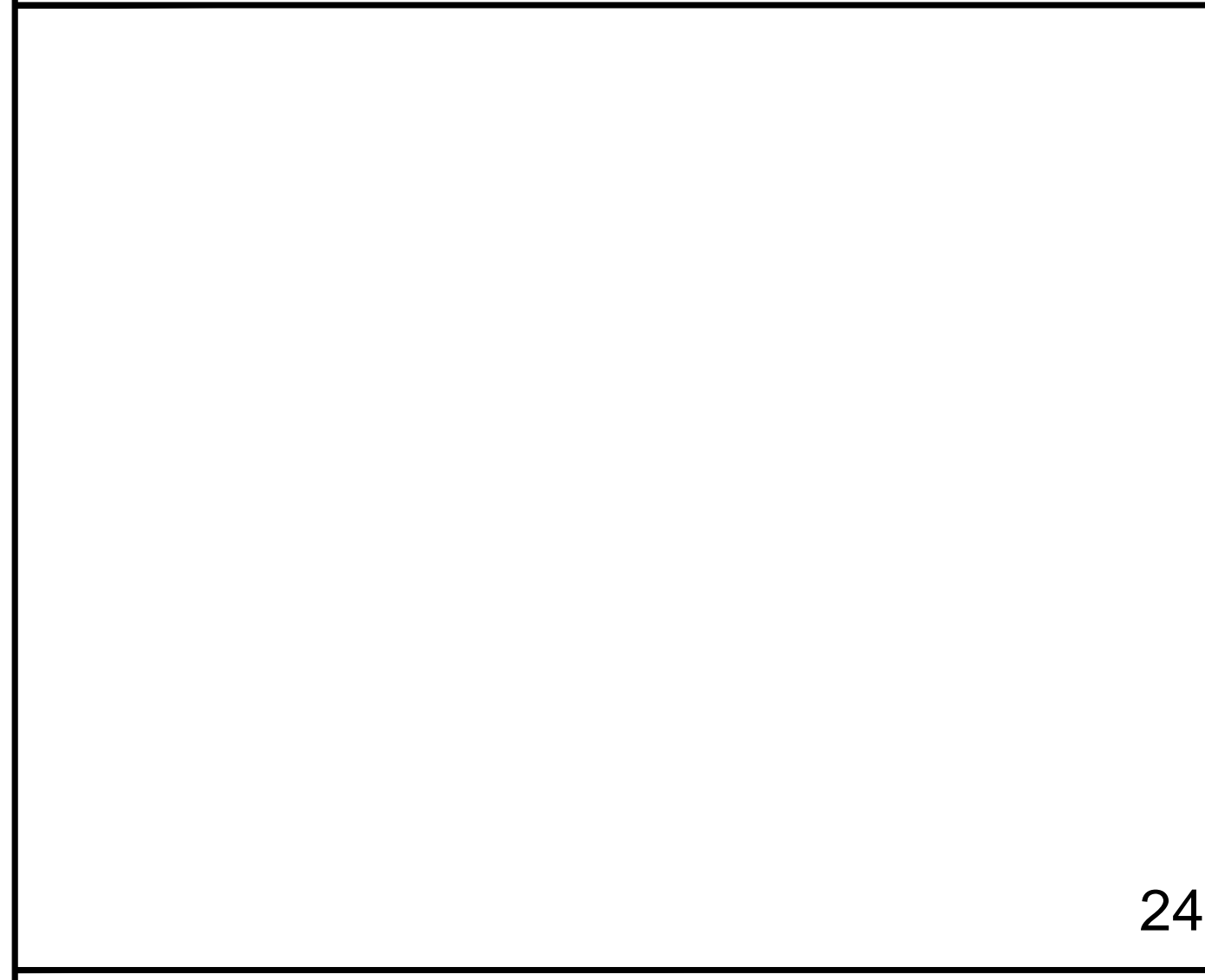
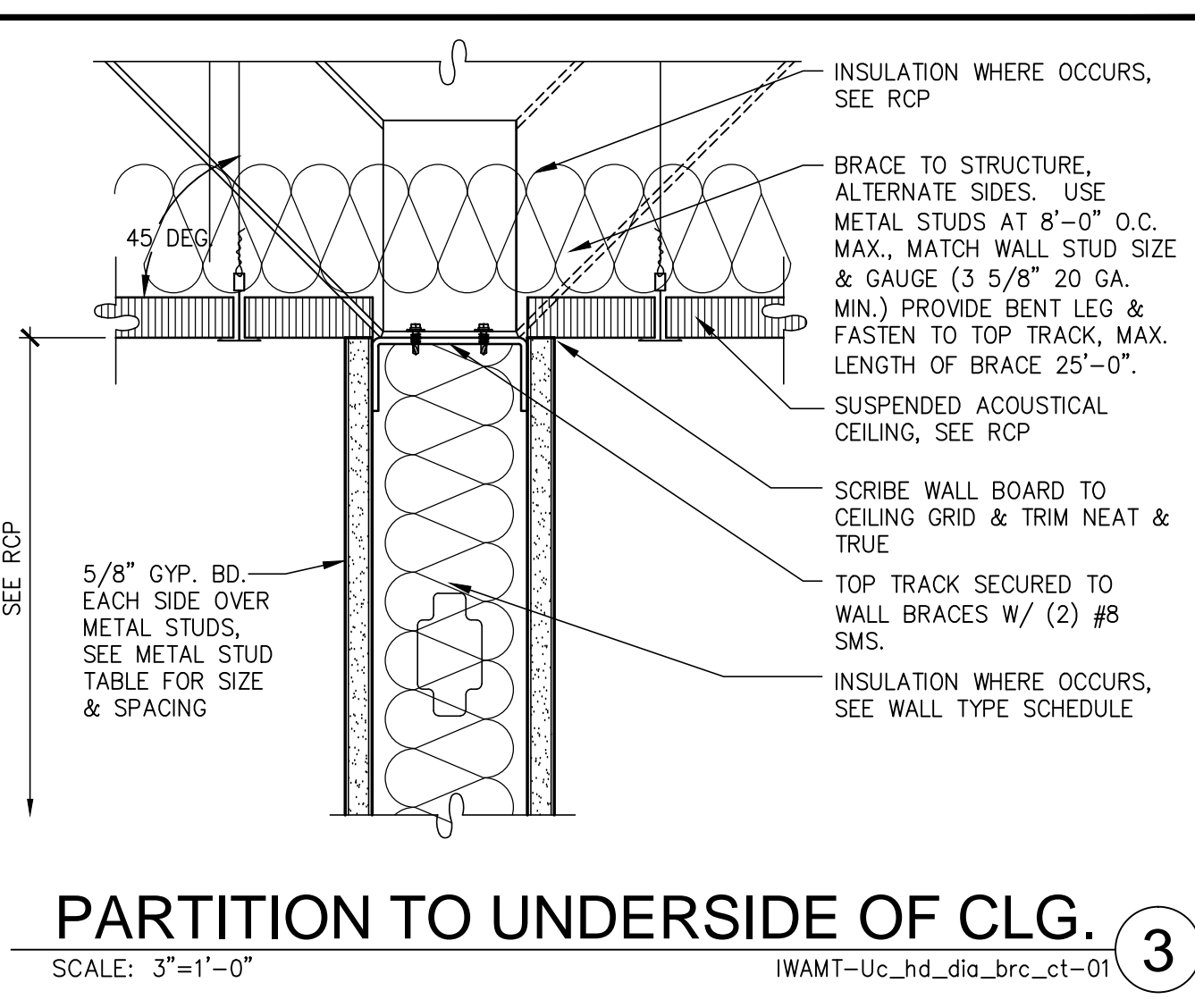
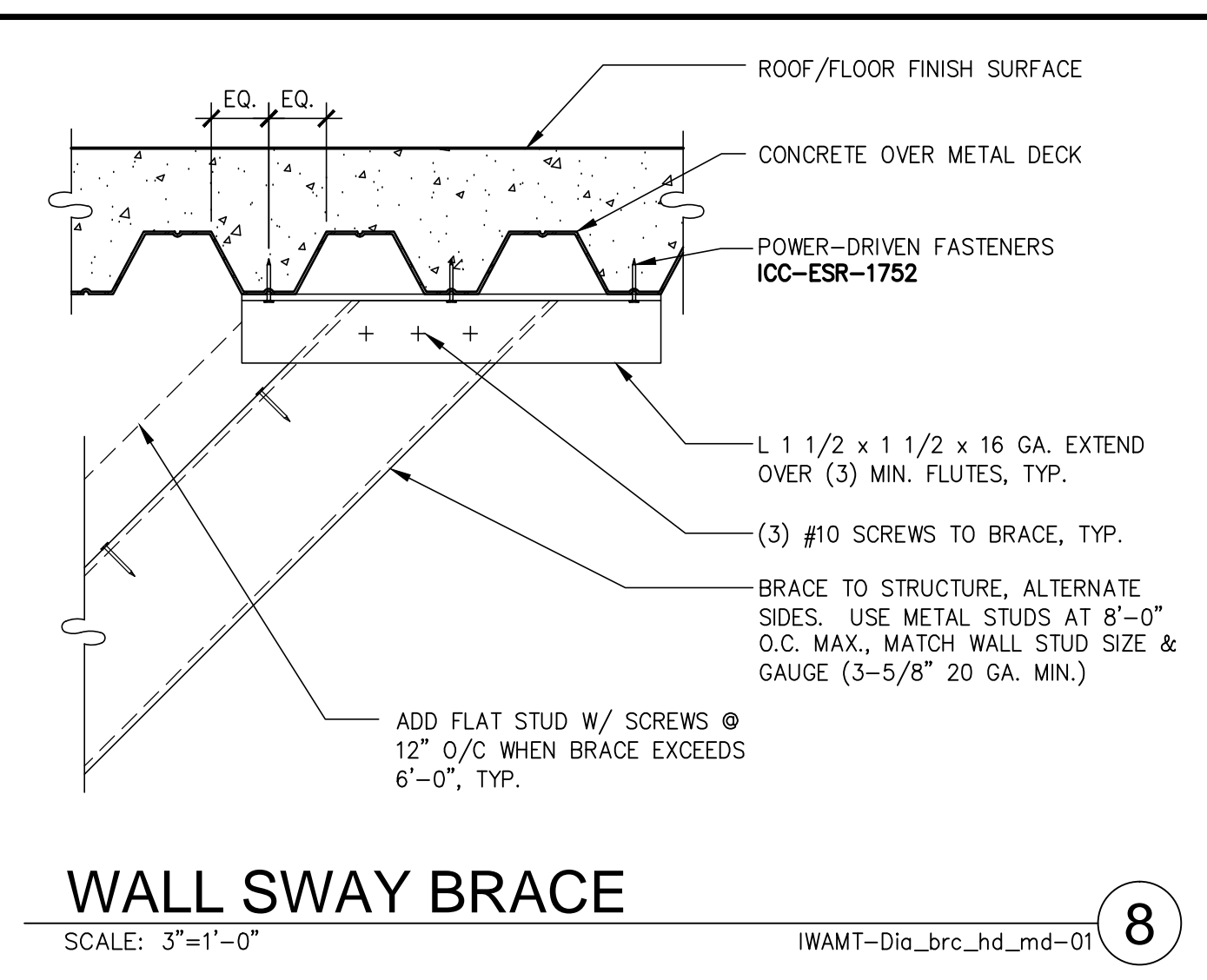
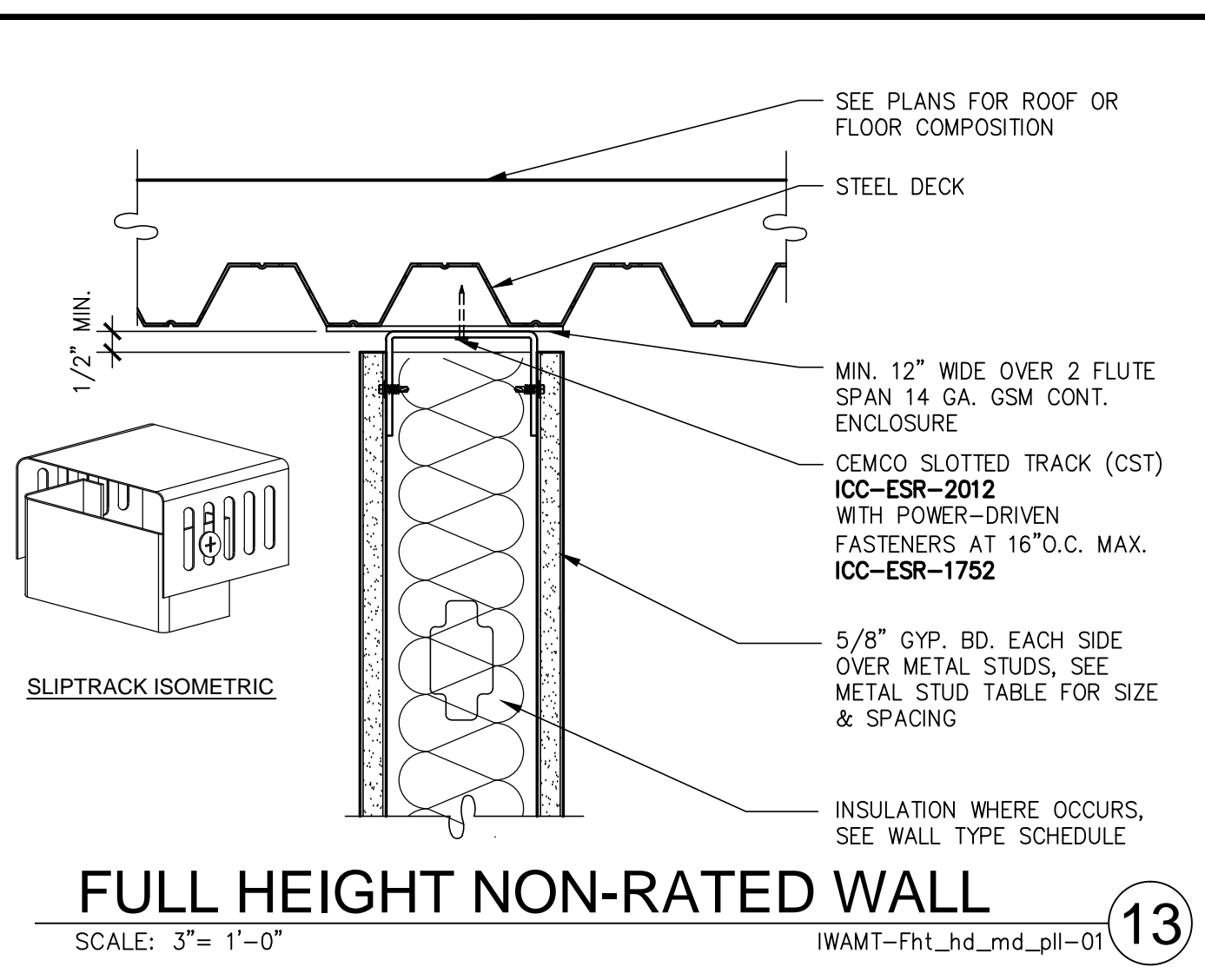
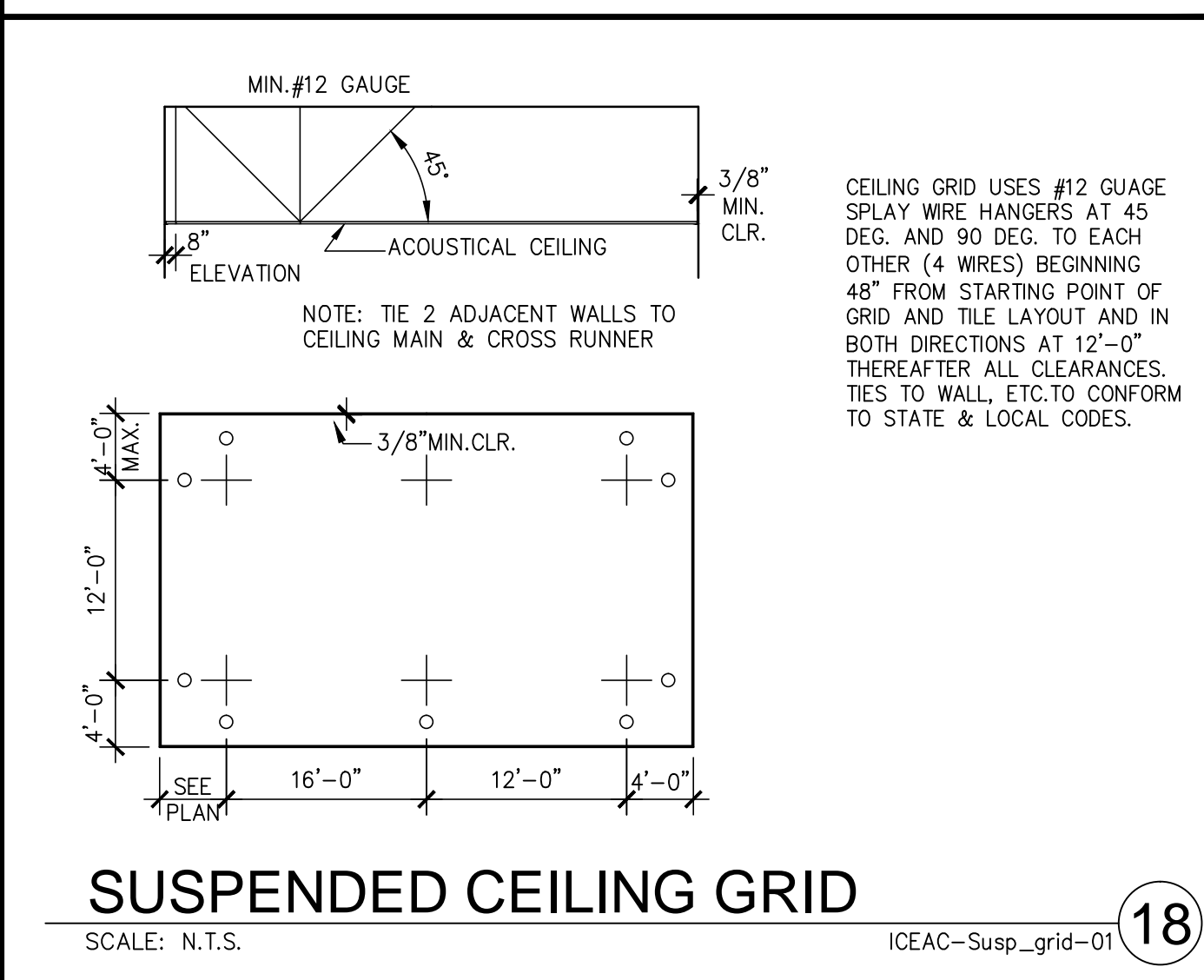
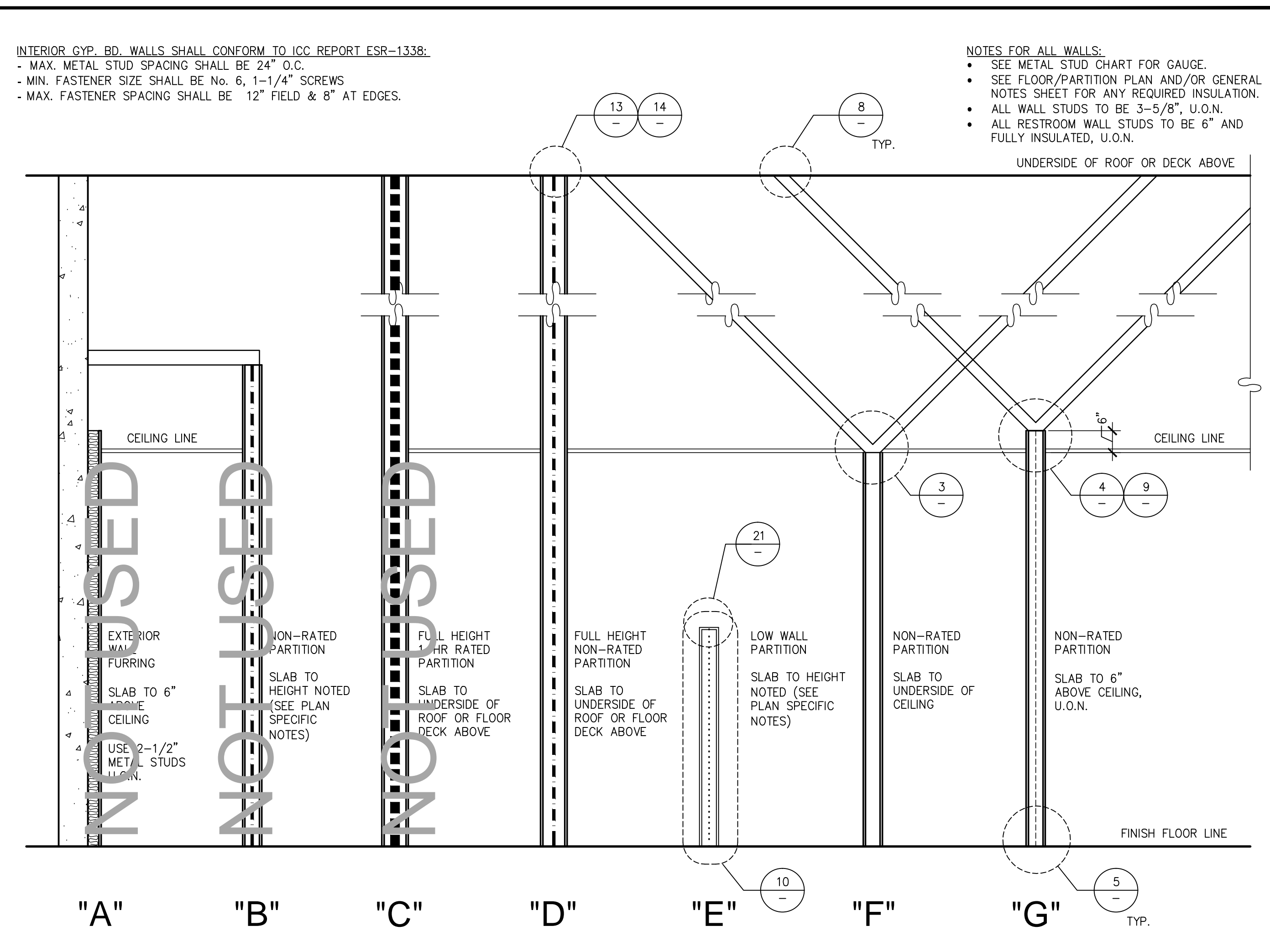
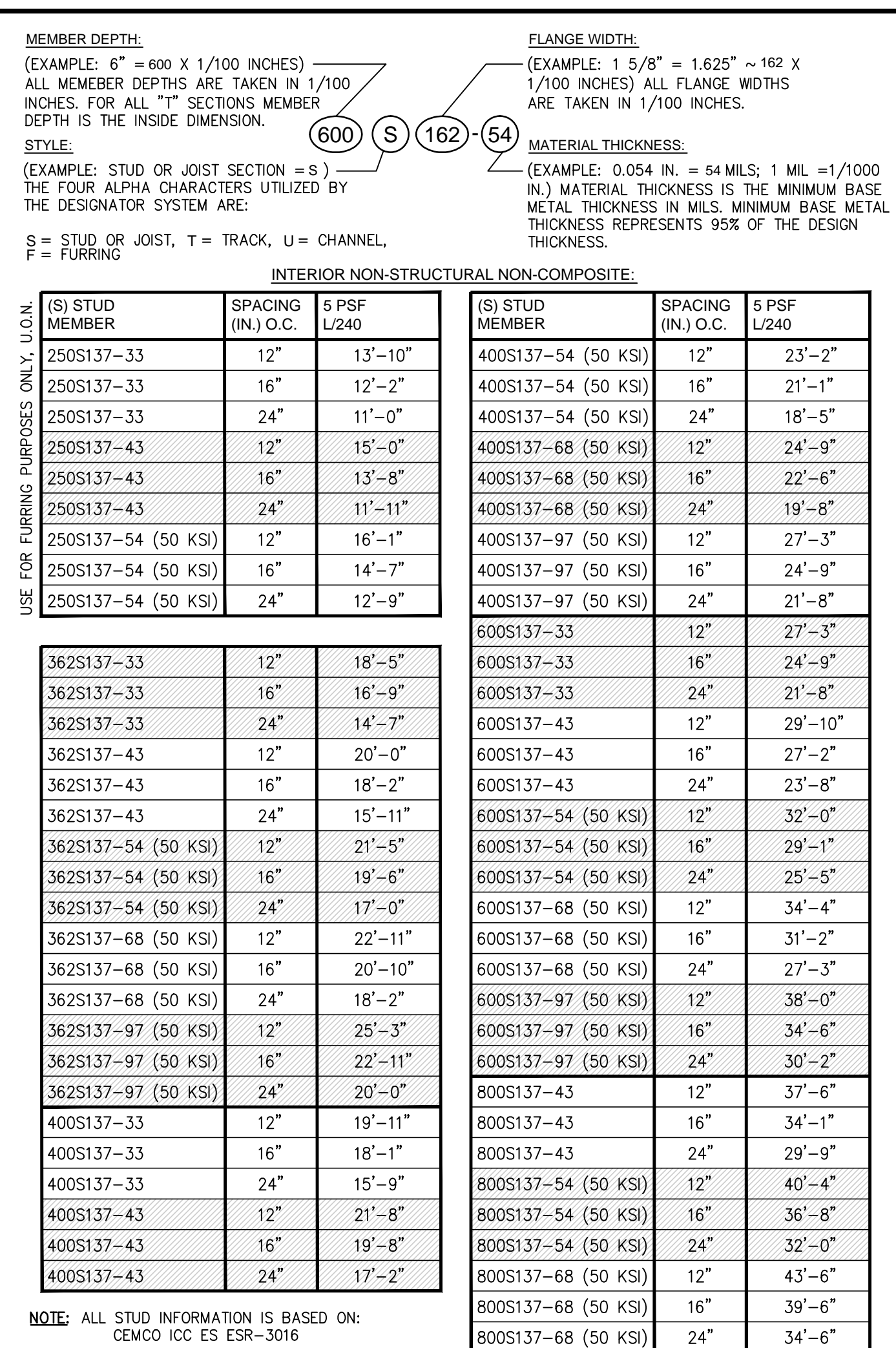
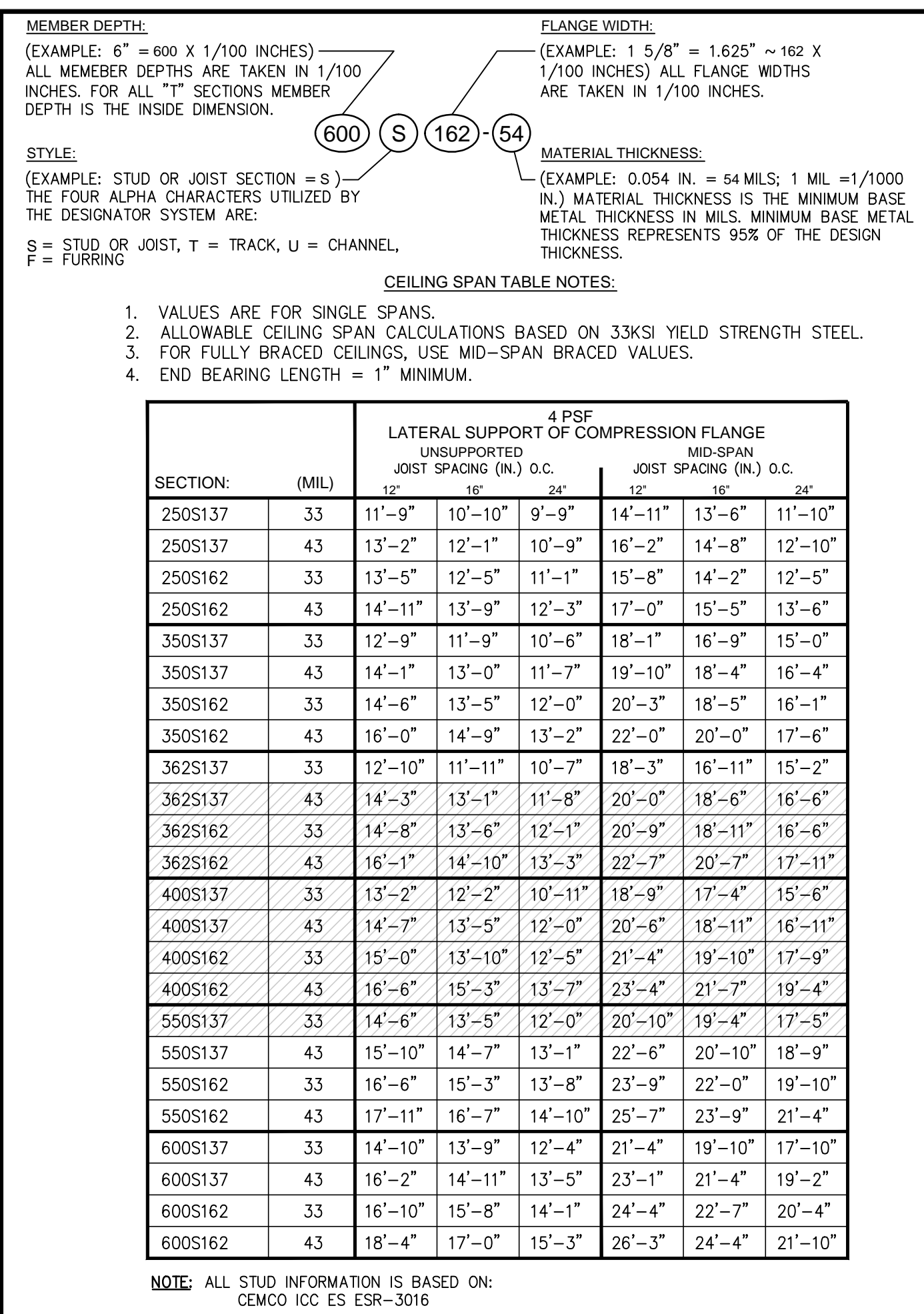
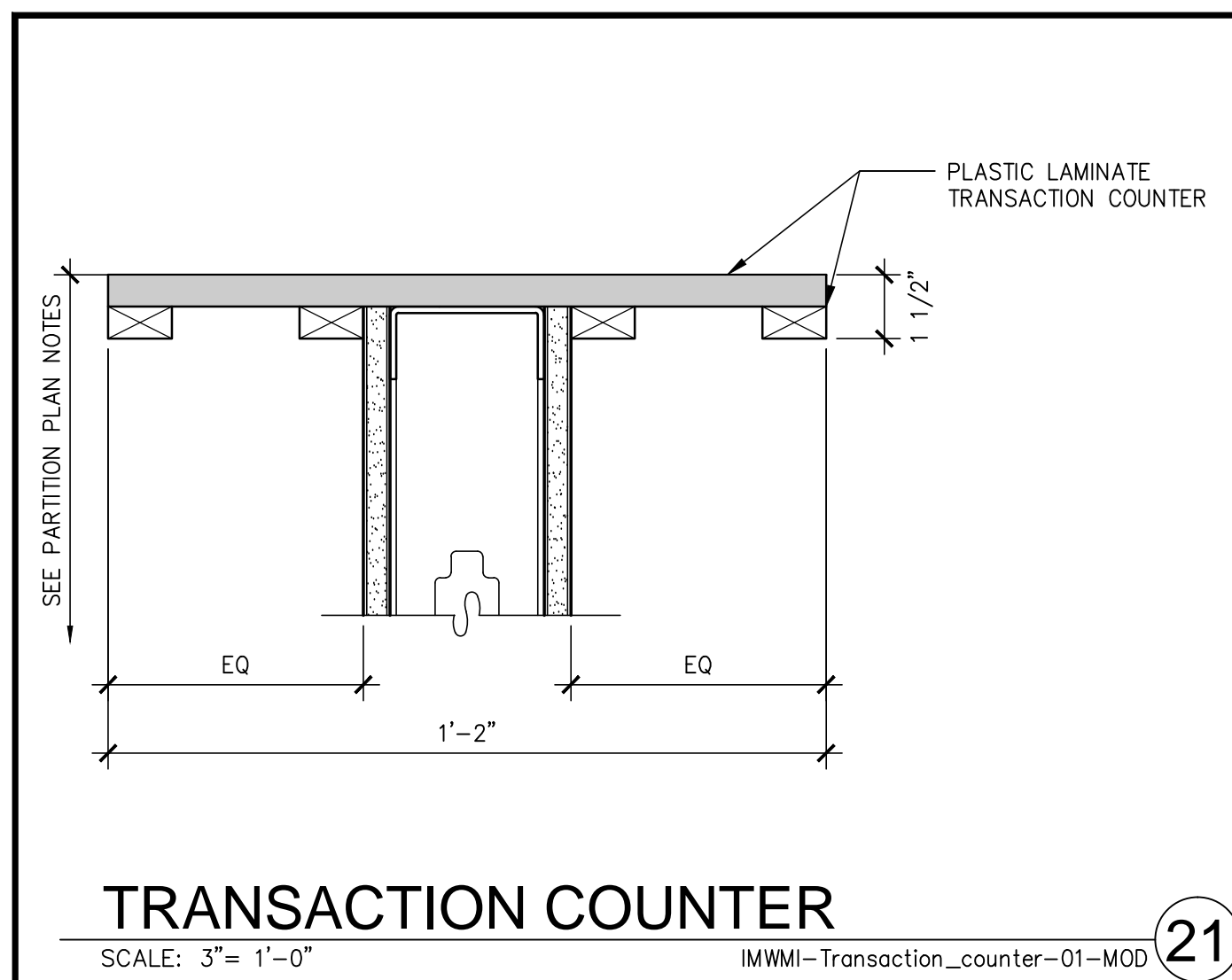
RSN: 1085504  
Permit #: 16-1076410 LT

02.22.16

**DENVER NEPHROLOGY**  
1411 S. POTOMAC, SUITE 200  
AURORA, CO

MILLWORK ELEVATIONS & DETAILS				
DATE	DATE	REMARKS	DATE	REMARKS
02/17/16		CLIENT REVIEW		
02/22/16		ISSUE FOR PERMIT		
			</	






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BE VERIFIED ON THE JOB SITE. ANY DISCREPANCY


02.22.16

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[illegible]



[illegible]



SUPPLY AND RETURN AIR DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED STEEL PER SMACNA DUCT CONSTRUCTION STANDARDS. RETURN AIR DUCTWORK AND SUPPLY AIR DUCTWORK SHALL BE CONSTRUCTED FOR 1" W.C. STATIC PRESSURE DOWNSTREAM OF VAV BOXES/FAN COILS AND 3" W.C. UPSTREAM OF VAV BOXES. SPIRAL LOCK-FORMED ROUND DUCT MAY BE UTILIZED WHERE SPACE ALLOWS. TRANSVERSE JOINTS AND LONGITUDINAL SEAMS SHALL BE SEALED AIR-TIGHT WITH MASTIC. RADIUSED ELBOWS ( $R/D=1.5$ ) OR MITERED ELBOWS WITH SINGLE THICKNESS TURNING VANES SHALL BE UTILIZED. TURNING VANES SHALL BE SUPPORTED AT INTERVALS OF 36" MAXIMUM. TURNING VANE RUNNERS SHALL HAVE A VANE IN EVERY SLOT AND SHALL CONFORM TO SMACNA DUCT CONSTRUCTION STANDARDS FOR STANDARD SPACING.

INSULATED, FACTORY FABRICATED, FLEXIBLE DUCTWORK MAY BE UTILIZED AT RUNOUTS TO AIR DIFFUSERS. FLEXIBLE DUCTWORK SHALL CONSIST OF AN EXTERIOR REINFORCED LAMINATED VAPOR BARRIER, 1.5" FIBERGLASS INSULATION AND INTERIOR VINYL LINER WITH SPRING STEEL WIRE HELIX. FIBERGLASS INSULATION SHALL HAVE A MAXIMUM CONDUCTIVITY, K-VALUE, OF 0.25 AT 75°F. VINYL LINER SHALL NOT BE PERFORATED. FLEXIBLE DUCT ASSEMBLY SHALL HAVE A FLAME SPREAD/SMOKE DEVELOPED RATING OF 25/50 OR LESS. FLEXIBLE DUCT TO FLEXIBLE DUCT CONNECTIONS SHALL BE MADE WITH FACTORY FABRICATED ELBOWS. DUCT SHALL BE SECURED TO RIGID DUCTWORK AND AIR DEVICES WITH SCREWS AND DRAWN. MAXIMUM LENGTH OF FLEXIBLE DUCTWORK SHALL BE LIMITED TO 8' AND SHALL NOT BE COMPRESSED. FLEXIBLE DUCTWORK SHALL NOT BE USED FOR ELBOWS. FLEXIBLE DUCT SHALL NOT BE USED ABOVE INACCESSIBLE CEILINGS. FLEXIBLE DUCT SHALL NOT PASS THROUGH WALLS.

ALL RECTANGULAR SUEPLY AND RETURN AND TRANSFER RECTANGULAR DUCTWORK SHALL BE PROVIDED WITH DUCT LINER (INSIDE THE DUCT): 1 INCH THICK, RESIN BONDED GLASS FIBER, BLACK COATING ON AIR STREAM SURFACE, RATED BY MANUFACTURER FOR AT LEAST 4000 FPM AND MEETING THE REQUIREMENTS OF ASTM C1071 TYPE I. FIRE RESISTANCE SHALL MEET REQUIREMENTS OF NFPA 90A. FLAME SPREAD RATING NOT TO EXCEED 25. FUEL CONTRIBUTION AND SMOKE DEVELOPMENT NOT TO EXCEED 50. NOISE REDUCTION COEFFICIENT (NRC) OF NOT LESS THAN 0.60 WHEN TESTED IN ACCORDANCE WITH ASTM C423 USING AN "A" MOUNTING OR A MINIMUM OF 0.70 USING AN "E" MOUNTING. K VALUE NOT MORE THAN 0.26 BTU/HR PER SQUARE FOOT PER DEG. F AT 75 DEG. F OR AN "R" VALUE OF 4.2. MAXIMUM ABSOLUTE ROUGHNESS FACTOR PER FOOT OF .004

DUCT HANGERS SHALL BE CONSTRUCTED OF GALVANIZED STEEL. DUCTS SHALL BE SUPPORTED AND CONNECTED TO THE STRUCTURE PER SMACNA DUCT CONSTRUCTION STANDARDS. HANGERS AND SUPPORTS FOR GREASE DUCT SHALL BE OF NONCOMBUSTIBLE MATERIALS. FLEXIBLE DUCTS SHALL BE SUPPORTED WITH GALVANIZED STRAPS.

MANUAL VOLUME DAMPERS SHALL BE FURNISHED AND INSTALLED WHERE INDICATED AT SUPPLY AIR DUCT RUNOUTS TO AIR DIFFUSERS AND GRILLES AS NEAR AS POSSIBLE TO THE TRUNK DUCT. MANUAL VOLUME DAMPERS FOR RECTANGULAR DUCT SHALL BE CONSTRUCTED OF 16 GAUGE GALVANIZED STEEL AND BE THE OPPOSED BLADE TYPE. MANUAL VOLUME DAMPERS FOR ROUND DUCT SHALL BE CONSTRUCTED OF 16 GAUGE GALVANIZED STEEL AND BE THE SINGLE BLADE TYPE. DAMPER BEARINGS SHALL BE NYLON. STAND-OFFS TO OUTSIDE OF INSULATION SHALL BE PROVIDED FOR MANUAL VOLUME DAMPERS IN INSULATED DUCT. LOCKING AND INDICATING QUADRANTS SHALL BE PROVIDED WHERE DAMPER IS ACCESSIBLE.

AIR DEVICES SHALL BE AS SCHEDULED. EXPOSED SCREWS SHALL BE THE FINISHING TYPE AND PAINTED TO MATCH THE AIR DEVICE. SQUARE TO ROUND ADAPTORS SHALL BE PROVIDED WHERE REQUIRED FOR AIR DEVICES IN CEILINGS. AIR DEVICES SHALL BE FINISHED WITH WHITE BAKED ENAMEL UNLESS NOTED OTHERWISE. AIR DEVICES SHALL BE SECURED TO T-BAR CEILINGS WHERE APPLICABLE.

ABBR	SYMBOL	DESCRIPTION
SA		EXISTING SUPPLY AIR
RA		EXISTING RETURN AIR
EA		EXISTING EXHAUST AIR
OA		EXISTING OUTSIDE AIR
SA		SUPPLY AIR
RA		RETURN AIR
EA		EXHAUST AIR
OA		OUTSIDE AIR
S		SPACE TEMP SENSOR
T-STAT		THERMOSTAT
MVD		MANUAL VOLUME DAMPER
UNO		UNLESS NOTED OTHERWISE
AFF		ABOVE FINISHED FLOOR
E		EXISTING
D		DEMO
R		RELOCATED
		POINT OF CONNECTION NEW TO EXISTING
		ITEMS TO BE DEMOLISHED

SUPPLY AIR				RETURN/EXHAUST AIR			
ITEM	NECK SIZE	CFM RANGE	TYPE	ITEM	NECK SIZE	CFM RANGE	TYPE
				①	8/8	0 – 600	E1

RETURN/EXHAUST AIR

**TYPE E1:** TITUS MODEL PDR, 10x10 FACE, STEEL PERFORATED FACE EXHAUST WITH DUCT COLLAR, WHITE FINISH, BORDER TYPE 1 FOR SURFACE MOUNT.

ITEM	MANUFACTURER/ MODEL	LOCATION/ SERVICE	CFM	ESP	FAN RPM	FAN SONES	ELEC. DATA			OPERATING WEIGHT (LBS)	OVERALL DIMENSIONS	NOTES
							WATTS	VOLT	PH			
TF 1	AIR KING/ AK300LS	COMPUTER ROOM/ HEAT EXHAUST	290	.1	XX	3.0	79.9	115	1	25	12-7/8"D x 12-3/4"W x 9-7/8"H	①
<b>NOTES:</b> ① FURNISH REVERSE ACTING THERMOSTAT TO TURN FAN ON AT 80 DEG F AND OFF AT 75 DEG F (ADJUSTABLE).												

[illegible]

1. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE CODES, LOCAL CODES, AND OWNER'S STANDARDS INDICATED BY THE CONSTRUCTION DOCUMENTS.
2. MECHANICAL DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY INCLUDE EVERY REQUIRED OFFSET, FITTING, ETC. DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS. TAKE ALL DIMENSIONS FROM ARCHITECTURAL DRAWINGS, CERTIFIED EQUIPMENT DRAWINGS AND FROM THE STRUCTURE ITSELF BEFORE FABRICATING ANY WORK. VERIFY ALL SPACE REQUIREMENTS COORDINATING WITH OTHER TRADES, AND INSTALL THE SYSTEMS IN THE SPACE PROVIDED WITHOUT EXTRA CHARGES TO THE OWNER.
3. CONTRACTOR SHALL COORDINATE WORK INDICATED WITH ELECTRICAL, STRUCTURAL, AND ARCHITECTURAL DIVISIONS. VERIFY FIT OF MECHANICAL SYSTEMS PRIOR TO FABRICATION.
4. PROVIDE ALL EQUIPMENT SCHEDULED OR INDICATED ON THE DRAWINGS BUT NOT INCLUDED WITHIN THE SPECIFICATIONS INCLUDING ANY REQUIRED BUT NOT LISTED MISC. ITEMS NEEDED TO PROVIDE COMPLETELY OPERATIONAL SYSTEMS AS INDICATED WHETHER SPECIFICALLY CALLED FOR OR NOT. INSTALLATION SHALL CONFORM TO MANUFACTURERS RECOMMENDATIONS AND APPLICABLE CODES. PROVIDE SUBMITTALS FOR ALL PROPOSED EQUIPMENT AND MATERIALS TO BE UTILIZED. PROVIDE OPERATION AND MAINTENANCE MANUAL FOR ALL SYSTEMS AND EQUIPMENT AT END OF PROJECT.
5. ITEM DESIGNATIONS INDICATED HEREON ARE FOR PURPOSES OF THESE DOCUMENTS ONLY. CONTRACTOR SHALL VERIFY WITH OWNERS REPRESENTATIVE ACTUAL "TAGGING" INFORMATION TO BE PROVIDED FOR EACH ITEM OF MECHANICAL EQUIPMENT PRIOR TO NAMEPLATE ORDER RELEASE.
7. DUCT SIZES INDICATED ARE OUTSIDE DIMENSIONS, BRANCH RUN-OUT DUCTS TO DIFFUSERS AND GRILLES TO BE SAME SIZE AS DIFFUSER OR GRILLE CONNECTION SIZE UNLESS OTHERWISE NOTED.
8. LENGTH OF FLEXIBLE DUCTWORK SHALL BE LIMITED TO 5'-0" MAX. HORIZONTAL RUN WITH ONLY ONE 90° ELBOW PERMITTED. SECURE FLEXIBLE DUCTWORK WITH SCREWS & DRAWBANDS PER SMACNA STANDARDS.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR ACTUAL LOCATION OF GRILLES, DIFFUSERS, AND ACCESS DOORS IN CEILING. SECURE DIFFUSERS & GRILLES TO T-BAR CEILINGS WHERE APPLICABLE. SUBMIT SHOP DWG. FOR APPROVAL PRIOR TO BEGINNING WORK.
10. AT THE COMPLETION OF WORK, PROVIDE TESTING AND BALANCING SERVICES FOR MECHANICAL SYSTEM. SUBMIT WRITTEN REPORT TO ARCHITECT LISTING SYSTEM AIRFLOWS, ELECTRIC DATA, TEMPERATURES, AND PRESSURE DROPS.
11. AT THE COMPLETION OF THE WORK AND PRIOR TO FINAL ACCEPTANCE, ALL PARTS OF THE WORK INSTALLED UNDER THIS SPECIFICATION SHALL BE THOROUGHLY CLEANED.
12. ALL EQUIPMENT, MATERIALS, AND INSTALLATION IS TO BE WARRANTED FOR ONE YEAR TO BE FREE FROM DEFECT. PROVIDE WRITTEN WARRANTY TO OWNER.
13. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR TO MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM HIS WORK.
14. THIS CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND SIZES OF ALL EXISTING EQUIPMENT, DUCTWORK, PIPING, ELECTRICAL CONDUIT, STRUCTURAL MEMBERS, ETC., PRIOR TO STARTING OF CONSTRUCTION. COORDINATE CONFLICTS WITH THE GENERAL CONTRACTOR.
15. THIS CONTRACTOR SHALL COORDINATE ALL REQUIRED EXISTING BUILDING SERVICE SYSTEM OUTAGES WITH BUILDING MANAGEMENT.
16. ALL MECHANICAL SYSTEMS ARE REQUIRED TO BE INSTALLED PER BASE BUILDING REQUIREMENTS, LOCAL AND STATE JURISDICTIONAL CODES, ORDINANCES, AND APPLICABLE REGULATIONS.
17. PATCH AND REPAIR TO MATCH EXISTING, ANY WALL/CEILINGS TO BE ACCESSED TO ROUTE PIPING AND DUCTWORK.
18. EXISTING DUCTWORK, PIPING, AND EQUIPMENT TO REMAIN IS SHOWN LIGHT. NEW DUCTWORK, PIPING, AND EQUIPMENT IS SHOWN HEAVY. EXISTING DUCTWORK, PIPING, AND EQUIPMENT TO BE REMOVED IS SHOWN WITH X OVER ITEM.

City of Aurora Building Division  
Reviewed for Code Compliance  
Approved as Noted: **Y. Munoz**  
Date: **Mar 25, 2016**  
2015 INTERNATIONAL CODES & 2014 NEC

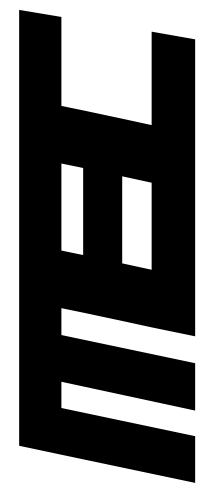
RSN: 1095504  
Permit #: 16-1076410 LT



FEB 25, 2016

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2828 SPEER BLVD. SUITE 210  
DENVER CO 80211

# DENVER NEPHROLOGY

1411 S. POTOMAC, SUITE 200

AURORA, CO

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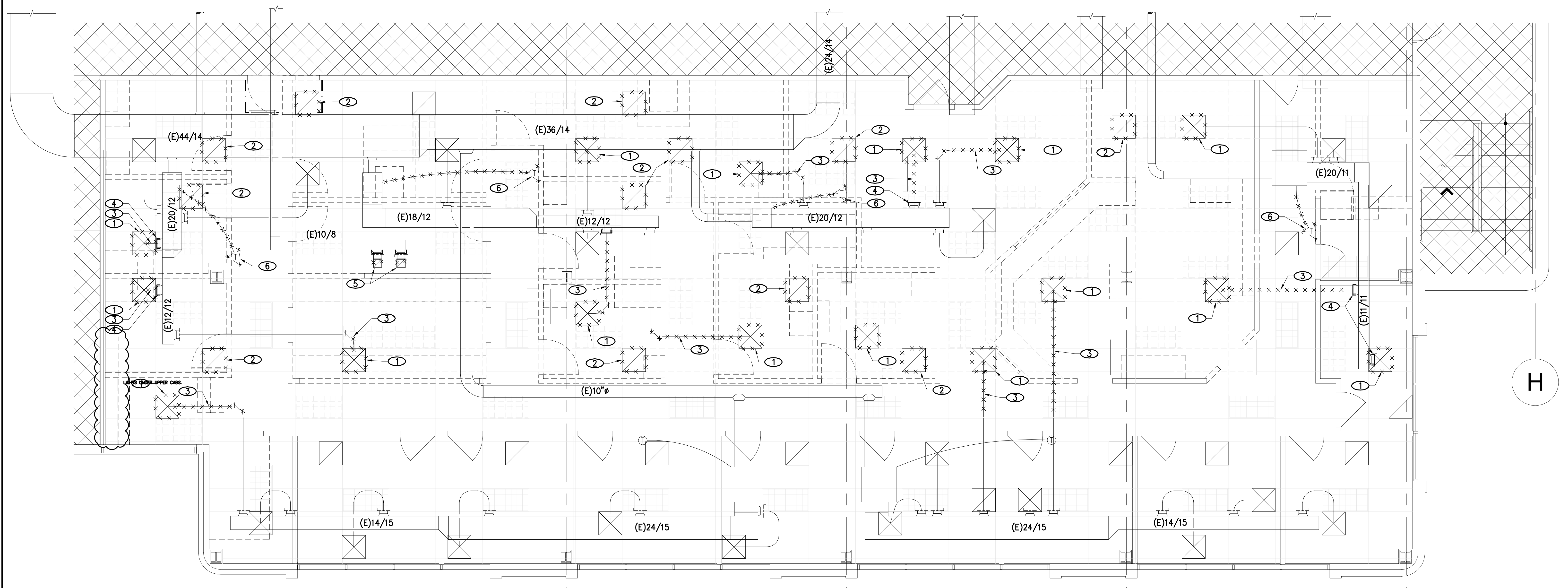
PA / PM:	C. BROWN
DRAWN BY:	
JOB NO.:	DEN15-6154-00

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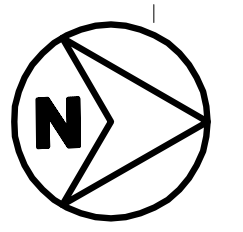
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- NOTES**
- 1 REMOVE EXISTING SUPPLY DIFFUSER AND STORE FOR FUTURE INSTALLATION.
  - 2 REMOVE EXISTING RETURN GRILLE AND STORE FOR FUTURE INSTALLATION.
  - 3 REMOVE EXISTING DUCTWORK AS INDICATED.
  - 4 CAP TAP AT MAIN AND SEAL AIRTIGHT.
  - 5 REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED RUNOUT DUCT. CAP TAP AT MAIN AND SEAL AIRTIGHT.
  - 6 REMOVE EXISTING TEMPERATURE SENSOR, BAG, COIL WIRE AND SUSPEND FROM STRUCTURE, FOR FUTURE INSTALLATION.



**MECHANICAL DEMOLITION FLOORPLAN** **1**  
1/4"=1'-0" M1.0



City of Aurora Building Division  
Reviewed for Code Compliance  
Approved as Noted: *Y. Munoz*  
Date: **Mar 25, 2016**  
2015 INTERNATIONAL CODES & 2014 NEC

RSN: 1095504  
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1411 S. POTOMAC, SUITE 200  
AURORA, CO

DATE	REMARKS	DATE	REMARKS
1 2016/02/25	PERMIT ISSUE		

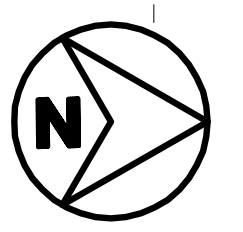
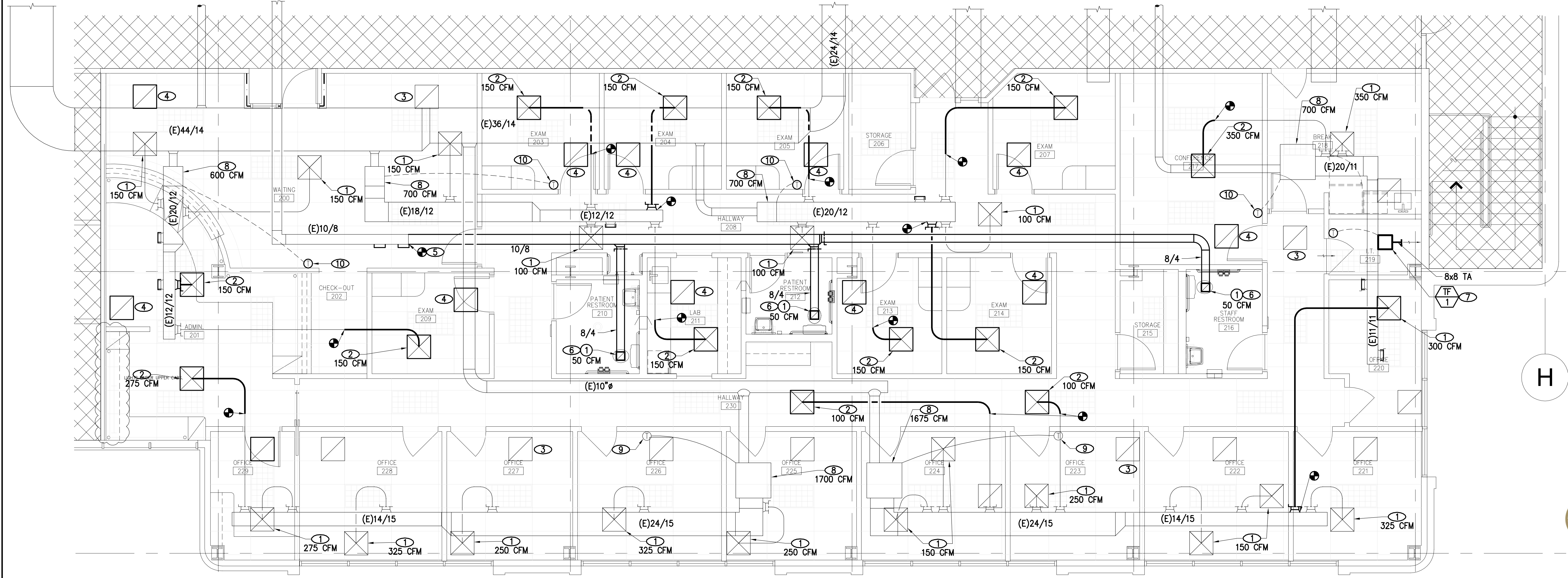
PA / PM:	C. BROWN
DRAWN BY:	
JOB NO.:	DEN15-6154-00

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**M1.0**  
THU 25 FEB 2016



**NOTES**

- 1 EXISTING SUPPLY DIFFUSER TO REMAIN.
- 2 NEW LOCATION FOR EXISTING SUPPLY DIFFUSER, ROUTE DUCT, SIZED TO MATCH DIFFUSER NECK BACK TO SA MAIN AND CONNECT WITH MVD, OR EXTEND TO MAKE CONNECTION IN NEW LOCATION. BALANCE TO CFM INDICATED.
- 3 EXISTING RETURN GRILLE TO REMAIN. (TYPICAL)
- 4 NEW LOCATION FOR EXISTING RETURN GRILLE.
- 5 EXTEND EXISTING EXHAUST DUCT AS SHOWN, SIZE AS INDICATED.
- 6 PROVIDE AND INSTALL NEW EXHAUST GRILLE AS SHOWN. BALANCE TO CFM INDICATED.
- 7 PROVIDE AND INSTALL NEW TRANSFER FAN, MOUNTED IN CEILING, DISCHARGE INTO PLENUM, WITH REVERSE ACTING THERMOSTAT MOUNTED ON WALL AT 60" AFF. GC TO UNDERCUT DOOR 2".
- 8 EXISTING TERMINAL BOX TO REMAIN. BALANCE TO CFM INDICATED.
- 9 EXISTING TEMPERATURE SENSOR TO REMAIN.
- 10 NEW LOCATION FOR PREVIOUSLY REMOVED TEMPERATURE SENSOR. MOUNT ON WALL AT 60" AFF.



**MECHANICAL FLOORPLAN**  
1/4"=1'-0"

**1**  
M2.0

RSN: 1095504  
Permit #: 16-1076410 LT  
City of Aurora Building Division  
Reviewed for Code Compliance  
Approved as Noted: Y. Munoz  
Date: Mar 25, 2016  
2015 INTERNATIONAL CODES & 2014 NEC



FEB 25, 2016

DATE	REVISIONS	DATE	REMARKS
1	2016/02/25	PERMIT ISSUE	

PA / PM:	C. BROWN
DRAWN BY:	
JOB NO.:	DEN15-6154-00

SHEET  
**M2.0**  
THU 25 FEB 2016







## COMcheck Software Version 4.0.2.0 Interior Lighting Compliance Certificate

**Project Information**  
Energy Code: 2015 IECC  
Project Title: Denver Nephrology  
Project Type: New Construction

Construction Site: 1411 S. Potomac  
Suite 200  
Aurora, CO 80011

Owner/Agent:

Designer/Contractor:  
Dawn Keller  
Front Range Electrical Engineering  
3333 S. Wadsworth Blvd.  
D210  
Lakewood, CO 80227  
303.965.0546  
Dawn@FREEEngineer.com

### Additional Efficiency Package

High efficiency HVAC. Systems that do not meet the performance requirement will be identified in the mechanical requirements checklist report.

### Allowed Interior Lighting Power

Area Category	B Floor Area (ft <sup>2</sup> )	C Allowed Watts / ft <sup>2</sup>	D Allowed Watts (B X C)
1-Medical Office (Health Care-Clinic)	4500	0.90	4050
Total Allowed Watts = 4050			

### Proposed Interior Lighting Power

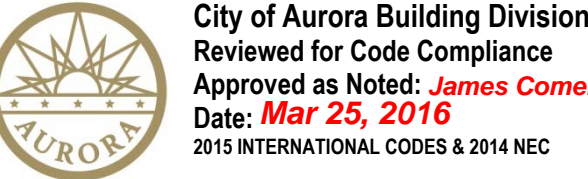
A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Medical Office (Health Care-Clinic)				
Linear Fluorescent 1: A: 2'x4' Troffer: 48" T8 32W: Electronic:	3	36	89	3204
Linear Fluorescent 1: copy 1: A: 2'x4' Troffer: 48" T8 32W: Electronic:	3	7	89	Exempt
Exemption Medical/Dental Procedure Lighting				
LED 1: D: Downlight: Other:	1	6	14	86
Incandescent 1: P: Pendant: Incandescent 100W:	1	3	100	300
Linear Fluorescent 2: V: Vanity: 24" T8 17W: Electronic:	2	3	28	84
UC: UC: Under Cabinet Lights: 24" T8 17W: Electronic:	1	4	17	68
Total Proposed Watts =				3742

Interior Lighting PASSES: Design 8% better than code

### Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design 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 4.0.2.0 and to comply with the mandatory requirements listed in the Inspection Checklist.

Dawn Keller  
Name - Title  
Signature  
3-14-16  
Date



City of Aurora Building Division  
Reviewed for Code Compliance  
Approved as Noted: James Carr  
Date: Mar 25, 2016  
2015 INTERNATIONAL CODES & 2014 NEC

RSN: 1095504  
Permit #: 16-1076410-LT

EQUIPMENT SCHEDULE											
Key	Equipment	Equipment Load	Volt	Ø	Branch Circuit	Conduit	Disconnect	Panel/Circuit	Comment	February 12, 2016	
TF-1	Exhaust Fan	kW HP Amps					Switch Fuse			SEE COMMENT 1	12
EXHAUST FANS											
TF-1	Exhaust Fan	0.0750	0.7 A	120	1	2#12.8125	3/4"	Std	NA	SEE COMMENT 1	12
Notes: (Apply to all equipment where applicable)											
1. Field verify final location and electrical requirements of all equipment with provider prior to any work.											
2. Provide line voltage controls and wiring as required for proper operation. Field verify control requirements with equipment provider.											
3. Provide HACR breakers for all dedicated circuits serving equipment and provide local disconnecting means in accordance with NEC 430 Part IX.											
4. Verify integral thermal/overload protection for fractional horsepower motors. Provide separate overload device where required in accordance with NEC 430 Part III.											
Comments:											
1. Connect to nearest non-switched 120V circuit not feeding IT equipment.											
2. Provide reverse-acting thermostat and line voltage wiring for fan to operate above setpoint.											

### POWER PLAN GENERAL NOTES:

- PROVIDE OUTLET WITHIN 25' OF EQUIPMENT IN ACCORDANCE WITH NEC 210-63. PROVIDE WEATHERPROOF GFI OUTLET ON ROOFTOPS WITHIN 25' OF ROOFTOP EQUIPMENT.
- FIELD VERIFY FINAL LOCATION OF ALL EQUIPMENT WITH PROVIDER PRIOR TO ROUGH-IN.
- ALL RECEPTACLES IN BATHROOMS, KITCHENS, ROOFTOPS, OUTDOORS, AND WITHIN 6' OF A SINK SHALL BE GFCI (OR SERVED BY A GFI CIRCUIT BREAKER) PER NEC 210.8(B). THE E.C. SHALL PROVIDE GFCI OUTLETS (OR CIRCUIT BREAKERS) IN ALL LOCATIONS REQUIRED BY THE NEC.
- NUMBERS NEXT TO DEVICES REFER TO CIRCUIT DESIGNATION IN PANEL 12AA UNLESS NOTED.
- ALL TELEPHONE LOCATIONS SHALL INCLUDE P SQUARE J-BOX AND 3/4" CONDUIT TO CEILING SPACE. ALL TELEPHONE/DATA CABLE IS TO BE PLENUM RATED WIRE OR SHALL BE INSTALLED IN CONDUIT ABOVE CEILING OR IN WALLS.
- PROVIDE ALL DEMOLITION WORK AS REQUIRED TO ACCOMMODATE THE NEW WORK AS INDICATED ON THE ELECTRICAL PLANS. FIELD VERIFY EXISTING CONDITIONS. PROVIDE ANY ADDITIONAL WORK NECESSARY AS REQUIRED TO PRESERVE EXISTING DEVICES AND BRANCH CIRCUIT COMPONENTS TO REMAIN. REFER TO THE ARCHITECTURAL PLANS FOR DEMOLITION SCOPE OF WORK AND VISIT THE SITE PRIOR TO BID TO DETERMINE THE ELECTRICAL SCOPE OF WORK REQUIRED.
- FIRE ALARM DEVICES - PROVIDE NEW DEVICES WHERE REQUIRED AND PROVIDE ALL WORK REQUIRED TO RELOCATE EXISTING DEVICES TO BE RE-USED. COORDINATE REQUIREMENTS WITH BUILDING OWNER FOR ANY SYSTEM DISRUPTION, REMOVAL, SALVAGE AND REUSE OF EXISTING DEVICES. WORK SHOWN IS FOR GENERAL INFORMATION ONLY - FIRE ALARM WORK SHALL BE DESIGN-BID-RELOCATE ALL WORK REQUIRED FOR A COMPLETE INSTALLATION.
- HEALTHCARE CABLE - PROVIDE APPROVED HEALTHCARE FACILITY HCF CABLE OR EQUAL INSULATED GROUND AND METAL RACEWAY WIRING SYSTEM FOR ALL PATIENT CARE AREAS IN ACCORDANCE WITH NEC 517 AND BUILDING STANDARD WIRING REQUIREMENTS.
- HOSPITAL GRADE RECEPTACLES - ALL OUTLETS SHALL BE HOSPITAL GRADE TO MATCH THE BUILDING STANDARDS UNLESS OTHERWISE ACCEPTED IN WRITING BY THE BUILDING OWNER AND TENANT.
- BUILDING STANDARDS - PROVIDE ALL WORK IN ACCORDANCE WITH THE BUILDING STANDARDS INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, EGRESS LIGHTING, EXIT SIGNS, FIRE ALARM DEVICES, SWITCHES, RECEPTACLES, HOSPITAL GRADE RECEPTACLES, COVERPLATES, RACEWAYS AND BRANCH CIRCUIT WIRING. FIELD VERIFY REQUIREMENTS WITH BUILDING OWNER.

## 1 POWER PLAN

SCALE: 3/16" = 1'-0"

### POWER PLAN KEYED NOTES:

- RELOCATE DEVICE - EXTEND EXISTING BRANCH CIRCUIT TO NEW DEVICE LOCATION AS INDICATED. MAINTAIN EXISTING CIRCUIT CONNECTION. PROVIDE ALL WORK REQUIRED FOR A COMPLETE INSTALLATION.
- OFFICE EQUIPMENT - PROVIDE DEDICATED CIRCUIT WITH DEDICATED GROUND AND NEUTRAL CONDUCTOR. FIELD VERIFY FINAL LOCATION, MOUNTING HEIGHT, ELECTRICAL REQUIREMENTS, NUMBER OF WIRES, OUTLET TYPE AND CONFIGURATION WITH PROVIDER PRIOR TO ROUGH-IN.
- RECEPTION DESK - PROVIDE OUTLETS FOR POWER AND DATA IN MILLWORK AS REQUIRED. FIELD VERIFY CONDUIT ROUTING AND J-BOX LOCATIONS WITH MILLWORK PROVIDER AND TENANT PRIOR TO ANY ROUGH-IN. FIELD VERIFY DATA J-BOX AND RACEWAY REQUIREMENTS WITH TENANT REPRESENTATIVE.
- TELEPHONE BOARD LOCATION (TTB) - THE E.C. SHALL PROVIDE AND INSTALL 1/2"x48"x48" PLYWOOD BACKBOARD. INSTALL TIGHT TO CEILING AND PAINT TO MATCH WALL. PROVIDE A 2'x2' WITH RULL STRIPS BACK TO THE BUILDING TELEPHONE DATA SERVICE ENTRANCE. PROVIDE DEDICATED NEMA 5-20R RECEPTACLE +84" AFF ON TTB AND CIRCUIT AS SHOWN. FIELD VERIFY LOCATION, MOUNTING HEIGHT AND REQUIREMENTS WITH TENANT PRIOR TO BID OR ANY WORK.
- IT EQUIPMENT - PROVIDE DEDICATED CIRCUIT WITH DEDICATED GROUND AND NEUTRAL CONDUCTOR. FIELD VERIFY FINAL LOCATION, MOUNTING HEIGHT, ELECTRICAL REQUIREMENTS WITH EQUIPMENT PROVIDER PRIOR TO ROUGH-IN.
- LAB EQUIPMENT - PROVIDE DEDICATED CIRCUIT WITH DEDICATED GROUND AND NEUTRAL CONDUCTOR. FIELD VERIFY FINAL LOCATION, MOUNTING HEIGHT, ELECTRICAL REQUIREMENTS, NUMBER OF WIRES, OUTLET TYPE AND CONFIGURATION WITH PROVIDER PRIOR TO ROUGH-IN.

LUMINAIRE SCHEDULE					
Label	Light Fixture Description	Specification	Lamping	Voltage	Mounting
February 23, 2016					
Interior Lighting					
D	6" Dimmable LED Downlight	Halo or Equal 4750w with ML5609035 and 69034	14.3W LED 3500K/82CRI	120	Recessed
P	Pendant	See Architectural Drawing for Specification	100W Max	120/277	Suspended
UC	2' Undercabinet Light	Cooper Metalex CL-117-UNV-E881-U	17W T8 (24")	120/277	Surface
V	Vanity Light	Cooper Metalex BAU-217-UNV-E881	(2) F178 (24") 3500K/82CRI	120/277	Surface
Emergency Lighting					
X	LED Exit Sign	Cooper Sure-Lite or Equal, Match Existing	1.33W Max. LED	120/277	Surface
with 90-Minute Battery Pack					
NOTES: Apply to all fixtures where applicable					
1. EMERGENCY FIXTURES - All Fixtures Indicated as Emergency shall be provided with a 90-Minute Battery Pack and all Fluorescent Fixtures indicated as Emergency shall be provided with a 1000 Lumen, 90-Minute Battery Pack.					
2. VERIFY VOLTAGES - The E.C. shall verify voltages on drawings prior to ordering or any work. The engineer shall be notified of any discrepancies in the voltage of the circuiting on the drawings and the luminaire schedule prior to any purchase or work.					
3. VERIFY LAMPING - The E.C. shall verify lamping with the manufacturer prior to ordering and notify the engineer of any lamping discrepancies.					
4. PROVIDE A COMPLETE INSTALLATION - The E.C. shall provide all labor and material to provide a complete and functional system per the design intent as dictated by the switching type and location (including dimmer switches and compatible ballasts or transformers), ceiling type and location, circuiting, voltages, and lamping types.					
5. BALLAST DISCONNECT - All electric discharge luminaires shall comply with NEC 410.130 and shall have a means of disconnect for the ballast.					
6. DUAL LEVEL SWITCHING - For fixtures with more than one switch designation shown on plans provide fixtures with additional ballasts for dual level light control by separate switching of inboard and outboard lamps as required to conform to IECC Requirements.					
7. OWNER APPROVAL - Approve all light fixture types with tenant/owner before ordering any materials or any work.					
8. CITY OF DENVER - Exit signs shall have green lettering on a contrasting field, or white lettering on a green field per DBCA 10B14.1.					

## 2 LIGHTING PLAN

SCALE: 3/16" = 1'-0"

### LIGHTING PLAN GENERAL NOTES:

- CONNECT EGRESS LIGHTING FIXTURES AND EXIT SIGNS TO AREA LIGHTING CIRCUIT AHEAD OF ANY SWITCH PER NEC 700-12(F) INCLUDING ANY NIGHT LIGHTS, FIXTURES SHOWN SHADED OR LABELED ARE EMERGENCY EGRESS (EM) WITH BATTERY PACK, NIGHT LIGHT (NL) OR BOTH (EMNL).
- NUMBERS NEXT TO DEVICES REFER TO CIRCUIT DESIGNATION IN PANEL 12AA UNLESS NOTED.
- 2'x4' LIGHT FIXTURES ARE TYPE 'A' UNLESS NOTED.
- EXIT SIGNS TYPE 'X' AND/OR 'XEM' AND EGRESS LIGHTS TYPE 'EM' SHALL BE NEW WITH EMERGENCY BATTERY PACK, MATCH EXISTING BUILDING STANDARD FIXTURES.
- CLEAN, RE-LAMP, REFURBISH AND REPAIR EXISTING LIGHT FIXTURES TO BE RE-USED AS REQUIRED FOR AN AS-NEW APPEARANCE AND PERFORMANCE.
- HEALTHCARE CABLE - PROVIDE APPROVED HEALTHCARE FACILITY HCF CABLE OR EQUAL INSULATED GROUND AND METAL RACEWAY WIRING SYSTEM FOR ALL PATIENT CARE AREAS IN ACCORDANCE WITH NEC 517 AND BUILDING STANDARD WIRING REQUIREMENTS.
- BUILDING STANDARDS - PROVIDE ALL WORK IN ACCORDANCE WITH THE BUILDING STANDARDS INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, EGRESS LIGHTING, EXIT SIGNS, FIRE ALARM DEVICES, SWITCHES, RECEPTACLES, HOSPITAL GRADE RECEPTACLES, COVERPLATES, RACEWAYS AND BRANCH CIRCUIT WIRING. FIELD VERIFY REQUIREMENTS WITH BUILDING OWNER.
- PROVIDE NEUTRAL AND GROUND CONDUCTORS THROUGHOUT ALL LIGHTING BRANCH CIRCUITS INCLUDING ALL SWITCH OR LIGHTING CONTROL DEVICE LOCATIONS IN ACCORDANCE WITH NEC.

### LIGHTING PLAN KEYED NOTES:

- WALLSWITCH OCCUPANCY SENSOR - PROVIDE DUAL TECHNOLOGY GREENGATE ONW-D-1001-MV-N\* OR EQUAL.
- PROVIDE NEW SWITCHING OF EXISTING, NEW, OR RELOCATED FIXTURES FOR CONTROL OF ROOM LIGHTING AS REQUIRED FOR NEW PARTITION LAYOUT. FIELD VERIFY EXISTING CONDITIONS. MAINTAIN EXISTING CIRCUIT CONNECTIONS IF POSSIBLE OR PROVIDE NEW AS REQUIRED.
- DUAL LEVEL SWITCHING - PROVIDE IN ACCORDANCE WITH IECC REQUIREMENTS. PROVIDE ALL LIGHTING WITH DUAL BALLASTS FOR SEPARATE CONTROL OF INBOARD AND OUTBOARD LAMPS OR CONNECT ALTERNATE FIXTURES TO SEPARATE SWITCH AS INDICATED FOR LIGHT REDUCTION CONTROL BY AT LEAST 50% IN A REASONABLY UNIFORM ILLUMINATION PATTERN.
- WALLSTATION DIMMER SWITCH - PROVIDE GREENGATE DECORA DF107-XX OR EQUAL RATED FOR CONNECTED LOAD TYPE AND WATTAGE COMPATIBLE WITH ALL CONNECTED LIGHT FIXTURES. PROVIDE LOW VOLTAGE WIRING FOR ANY 0-10V DIMMING AS REQUIRED.
- SWITCHBANK LOCATION - PROVIDE SWITCHBANK WITH ALL SWITCHES GANGED TOGETHER WITH SINGLE COVERPLATE. FIELD VERIFY FINAL LOCATION OF SWITCHES WITH OWNER BEFORE STARTING ANY WORK.

Wiring in patient care areas shall comply with the grounding requirements of 2014 NEC 517.13 (A) and (B).

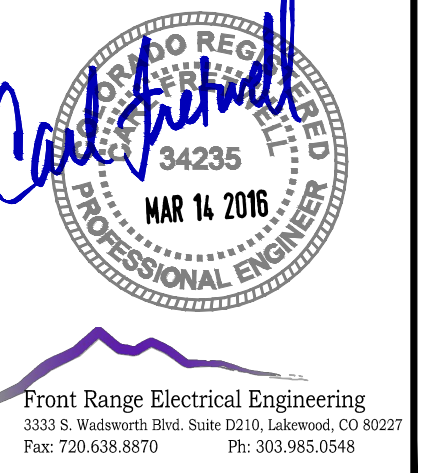
## POWER PLAN AND LIGHTING PLAN

DATE	REMARKS	DATE	REMARKS
2/12/16	PROG. CONSTRUCTION	3/14/16	PLAN REVIEW COMMENTS
PA / PM: CLF			
DRAWN BY: DMK			
JOB NO.: DEN15-6154-00 16-020			

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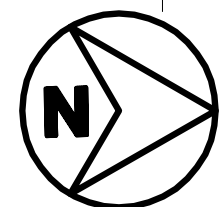
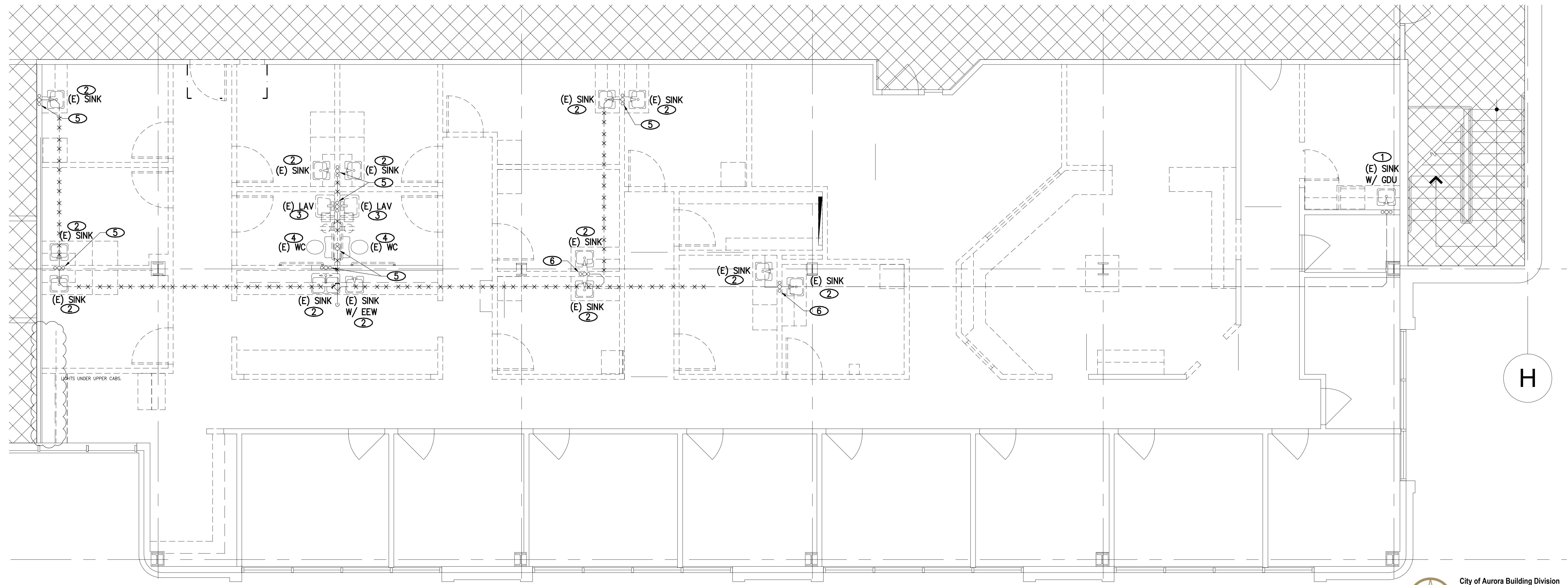
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**PLUMBING DEMOLITION FLOORPLAN**  
1/4"=1'-0"

**1**  
P1.0



City of Aurora Building Division  
Reviewed for Code Compliance  
Approved as Noted: **James Comer**  
Date: **Mar 25, 2016**  
2015 INTERNATIONAL CODES & 2014 NEC

RSN: 1095504  
Permit #: 16-1076410-LT



FEB 25, 2016

**NOTES**

- ① REMOVE EXISTING SINK, GARBAGE DISPOSAL, FAUCET AND ASSOCIATED PLUMBING. STORE SINK, FAUCET AND GARBAGE DISPOSAL. CAP HW, CW, V AND W PIPING AT WALL FOR CONNECTION TO NEW SINK.
- ② REMOVE EXISTING SINK, FAUCET AND ASSOCIATED PLUMBING.
- ③ REMOVE EXISTING LAVATORY, FAUCET AND ASSOCIATED PLUMBING.
- ④ REMOVE EXISTING WATER CLOSET AND ASSOCIATED PLUMBING.
- ⑤ REMOVE EXISTING HW, CW, V, AND W LINES BACK TO MAINS AND CAP.
- ⑥ REMOVE EXISTING V, AND W LINES BACK TO MAINS AND CAP. PROVIDE TEMPORARY CAP ON HW AND CW PIPING IN CEILING TO BE EXTENDED DURING NEW CONSTRUCTION PHASE OF JOB.
- ⑦ REMOVE EXISTING V, AND W LINES BACK TO MAINS AND CAP. PROVIDE TEMPORARY CAP ON HW AND CW PIPING TO BE EXTENDED DURING NEW CONSTRUCTION PHASE OF JOB.

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DATE	REMARKS	DATE	REMARKS
1 2016/02/25	PERMIT ISSUE		

PA / PM:	C. BROWN
DRAWN BY:	
JOB NO.:	DEN15-6154-00

SHEET  
**P1.0**

THU 25 FEB 2016



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1 2016/02/25	PERMIT ISSUE		

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## NOTES

- PROVIDE AND INSTALL NEW SINK. EXTEND 1/2"HW, 1/2"CW AND 1-1/2"W AND CONNECT TO EXISTING UTILITIES. EXTEND 1/2"HW TO DISHWASHER AND 1/2"CW TO IWB-1.
- PROVIDE AND INSTALL NEW WATER CLOSET. EXTEND 1/2"CW AND 4"W BACK TO BUILDING UTILITY MAINS AND CONNECT.
- PROVIDE AND INSTALL NEW LAVATORY. EXTEND 1/2"CW, 1/2"HW AND 2"W BACK TO BUILDING UTILITY MAINS AND CONNECT. PROVIDE 1-1/2"AAV ON LAVATORY TRAP ARM.
- CONNECT AND EXTEND CW AND HW OF SIZE NOTED AS INDICATED.
- PROVIDE AND INSTALL NEW SINK. EXTEND 1/2"HW, 1/2"CW AND 1-1/2"W AND CONNECT TO EXISTING UTILITIES.
- CONNECT AND EXTEND NEW 4"W TO EXISTING 4"W OR LARGER AND ROUTE AS INDICATED. SLOPE WASTE PIPE AT 1/8" PER FOOT.
- CAP EXISTING WASTE TAP.

The dry vent must rise 6" vertically above the flood level rim of the highest trapped fixture being vented.  
2015 IPC 905.4

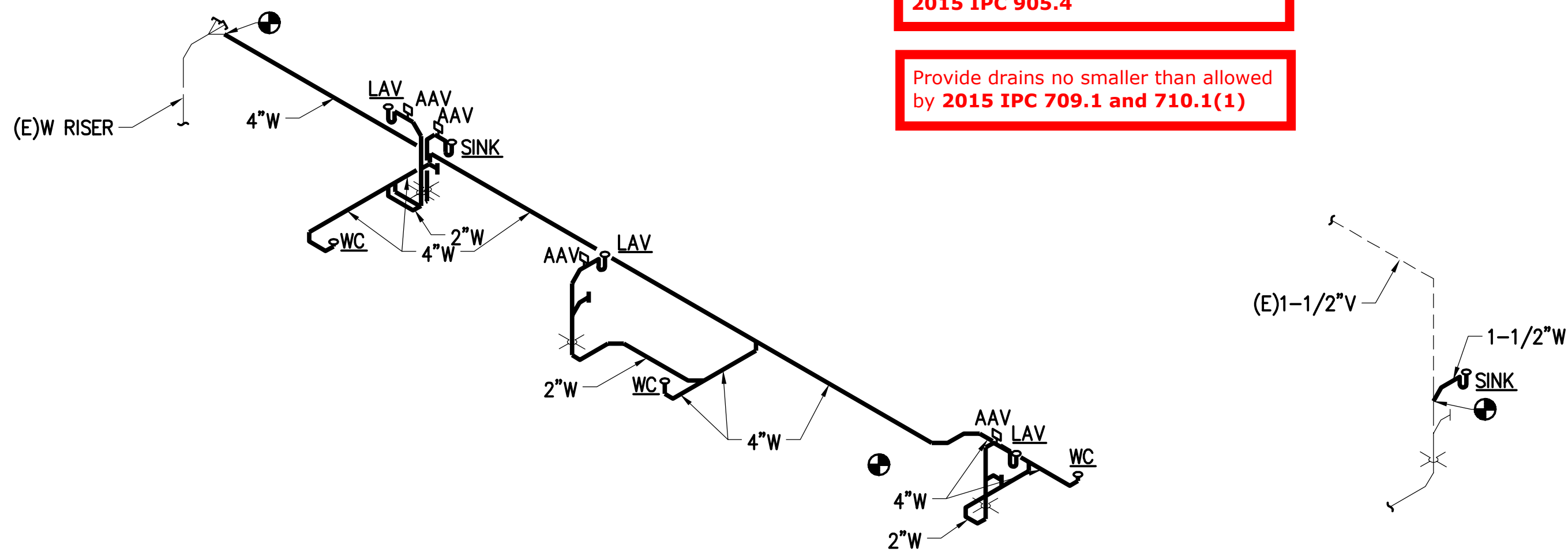
Provide drains no smaller than allowed by 2015 IPC 709.1 and 710.1(1)

Failure to follow the approved plans may result in an hourly fee to review the field changes for code compliance.

Code violations that are found during inspection are required to be corrected. Permit issuance does not grant approval of a code violation. 2015 IBC 105.4

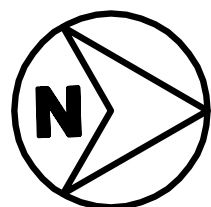
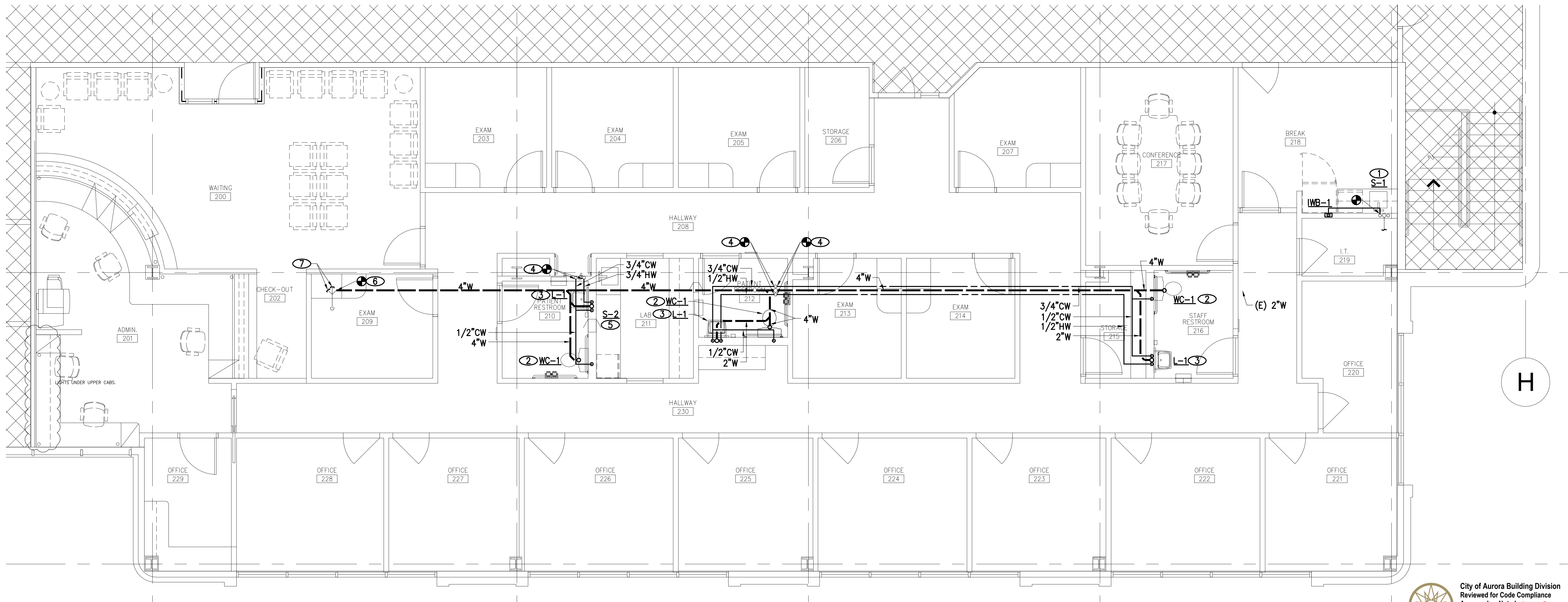
A water hammer arrestor shall be installed where quick closing valves are utilized. Water hammer arrestors shall be installed per manufacturers installation instructions. 2015 IPC 604.9.

Directional signage indicating the route to public restroom facilities shall be posted. The sign shall be located in a lobby, corridor, aisle or similar space such that it can be seen from the main entrance. 2015 IPC 403.4.1



WASTE AND VENT ISOMETRIC

2  
P2.0



PLUMBING FLOORPLAN

1/4"=1'-0"

1  
P2.0



City of Aurora Building Division  
Reviewed for Code Compliance  
Approved as Noted: James Comer  
Date: Mar 25, 2016  
2015 INTERNATIONAL CODES & 2014 NEC

RSN: 1095504  
Permit #: 16-1076410-LT



FEB 25, 2016