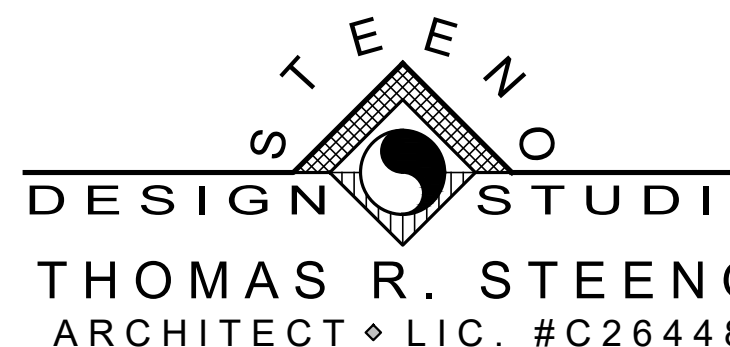
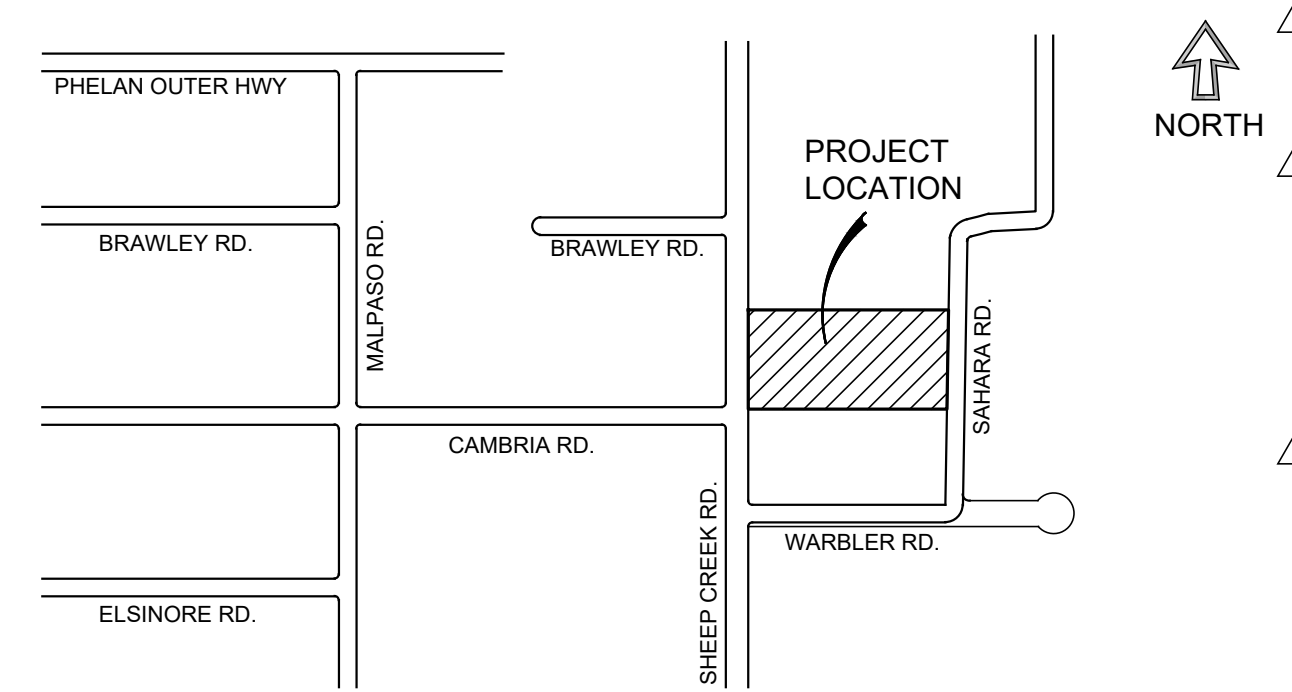


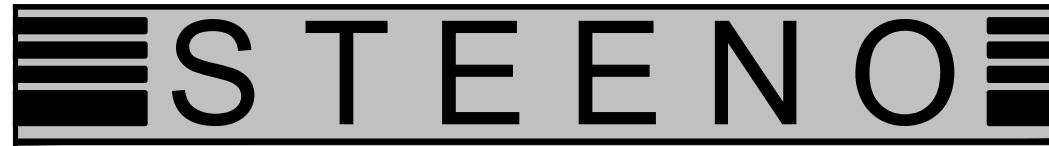
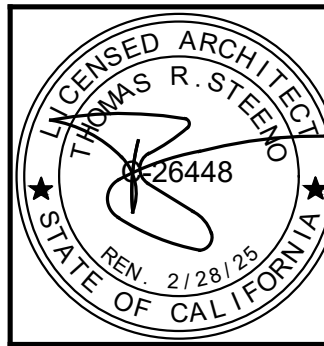




PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT • CIVIC CENTER •

• COMMERCIAL DEVELOPMENT •
SHEEP CREEK ROAD, PHELAN, CA 92307

GENERAL NOTES		CONSTRUCTION NOTES		PROJECT TEAM		PROJECT DATA		SHEET INDEX																																																																																																																																																																																																																																																																																		
<p>1. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, GOVERNMENTAL FEES AND LICENSES REQUIRED FOR PROPER COMPLETION OF THE WORK. THE CONTRACTOR SHALL REQUEST ALL INSPECTIONS REQUIRED BY LOCAL GOVERNMENT AGENCIES AND COORDINATE HIS WORK ACCORDINGLY. THE CONTRACTOR WILL BE REIMBURSED ALL PERMIT FEES BY THE CLIENT.</p> <p>2. ALL REQUESTS FOR CLARIFICATION OF THESE DRAWINGS SHALL BE DIRECTED TO STEENO DESIGN STUDIO, INC. IN WRITING. THE CONTRACTOR SHALL FURNISH ALL LABOR MATERIALS EQUIPMENT ETC. REQUIRED TO COMPLETE THE CONSTRUCTION OR INSTALLATION OF ALL ITEMS REQUIRED FOR A COMPLETE INSTALLATION, UNLESS DESIGNATED N.I.C. (NOT IN CONTRACT) CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES AND GOVERNMENTAL REGULATIONS.</p> <p>3. ALL WORK SHALL BE DONE IN QUALITY WORKMANSHIP LIKE MANNER UTILIZING UNLESS OTHERWISE NOTED ONLY NEW HIGH QUALITY MATERIALS CONSISTENT WITH SPECIFICATIONS AS INDICATED. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES AND GOVERNMENTAL REGULATIONS.</p> <p>4. THE CONTRACTOR TO MAINTAIN THE PUBLIC RIGHT OF WAYS, SIDEWALKS, BASEMENT AREAS, CORRIDORS ETC EFFECTED THE CONSTRUCTION FREE OF SOIL, DEBRIS, TRASH, ETC. ON A DAILY BASIS. CLEAR EGRESS SHALL BE MAINTAINED AT ALL BUILDING TENANTS, THEIR EMPLOYEES, AND GUESTS.</p> <p>5. THE CONTRACTOR SHALL AT ALL TIMES KEEP THE CONSTRUCTION SITE FREE FROM ACCUMULATION OF WASTE, MATERIALS, OR RUBBISH CAUSED BY HIS OPERATION. AT THE COMPLETION OF HIS WORK, HE SHALL CLEAN ALL GLASS SURFACES, AND LEAVE THE WORK "ROOM CLEAN". ALL CARPETS ARE TO BE VACUUMED CLEAN.</p> <p>6. THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS FOR THE SAFETY OF, AND SHALL PROVIDE ALL REASONABLE PROTECTION TO PREVENT DAMAGE, INJURY OR LOSS TO:</p> <p>A. ALL PERSONS EMPLOYED FOR THE WORK AND ALL OTHER PERSONS WHO MAY BE AFFECTED THEREBY.</p> <p>B. ALL EMPLOYEES OF THE OWNER/TENANT WHO MAY BE AFFECTED THEREBY.</p> <p>C. ALL COMPLETED WORK, MATERIALS AND EQUIPMENT TO BE INCORPORATED THEREIN WHICH IS IN THE CARE, CUSTODY, OR CONTROL OF THE CONTRACTOR.</p> <p>7. ALL EXISTING CONSTRUCTION AND PROPERTY AT SITE OR ADJACENT THERETO ANY DAMAGE TO SHALL BE REPAIRED/REPLACED TO THE SATISFACTION OF THE DESIGNER AT THE CONTRACTOR'S EXPENSE.</p> <p>8. ALL CONSTRUCTION MATERIALS SHALL BE STORED PROPERLY WITHIN THE DESIGNATED AREAS THAT ARE AUTHORIZED BY THE BUILDING OWNER, TENANT, OR DESIGNER.</p> <p>9. DELIVERY OF MATERIALS AND REMOVAL OF DEBRIS IS TO BE COORDINATED AND SCHEDULED AS AGREED UPON BY THE BUILDING OWNER/MANAGER.</p> <p>10. BEFORE DRILLING/BORING/CUTTING ANY HOLES IN THE CONCRETE SLAB OR EXISTING BUILDING STRUCTURE, THE CONTRACTOR SHALL OBTAIN PERMISSION FROM THE BUILDING OWNER OR HIS REPRESENTATIVE FOR EACH SEPTIC LOCATION OF SAME. ALL DRILLING/BORING/CUTTING PERTAINING TO OCCUPIED SPACES WILL BE REQUIRED TO BE COMPLETED BETWEEN 8:00 AM AND 5:00 PM ON NORMAL WORKING HOURS AND DAYS DUE TO THE OCCUPANCY OF THE OTHER TENANTS. WHERE WORK OR EQUIPMENT IS INDICATED N.I.C. (NOT IN CONTRACT) ON THE DRAWINGS SUCH WORK AND/OR EQUIPMENT SHALL BE PROVIDED BY OTHERS. CONTRACTOR SHALL COORDINATE AND COOPERATE TO AFFECT SUCH INSTALLATION.</p>		<p>NOTE: THIS PLAN IS SUBJECT TO ALL LOCAL CONDITIONS, CODES, AND VERIFICATION OF DIMENSIONS PRIOR TO START OF CONSTRUCTION.</p> <ol style="list-style-type: none"> 1. DRYWALL SUB TO PROVIDE AND INSTALL ALL NECESSARY BACKING AND BRACING FOR CABINET & MILLWORK. 2. DRYWALL SUB TO FINISH ALL NEW & EXISTING PAINTED WALL FOR NEW FINISHES. 3. DRYWALL SUB TO SKIM COAT, SAND SMOOTH & FINISH ALL NEW & EXISTING WALLS, COLUMNS, SILLS, & HEADERS READY FOR NEW FINISHES. 4. DRY WALL SUB TO CUT OPEN AND PATCH ALL EXISTING WALLS FOR ELECTRICAL, HVAC & PLUMBING AREAS. 5. DRYWALL SUB TO PATCH/REPAIR ALL EXISTING SCARS AT WALLS AND MULLIONS, READY FOR NEW FINISHES. <p>FINISH NOTES</p> <ol style="list-style-type: none"> 1. ALL FINISH MATERIALS TO BE APPLIED PER MANUFACTURER'S SPECIFICATIONS. 2. ALL WALLS TO BE "FACE-MASKED" AT THE CEILING LINE. 3. PREP ALL FLOORS AS REQUIRED. 4. ALL MATERIALS ARE TO COMPLY WITH THE HEALTH DEPARTMENT REQ'S. <p>FLOOR COVERING NOTES</p> <ol style="list-style-type: none"> 1. FLASH PATCH ALL AREAS WHERE FLOOR IS NOT LEVEL OR TRUE PRIOR TO FLOORING INSTALLATIONS. 2. PROVIDE AND INSTALL SPECIFIED COVE BASE FOR RESILIENT TILE FLOOR AREAS, UNLESS OTHERWISE NOTED. 3. PROVIDE AND INSTALL ALL TILE FLOORING IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. INSTRUCTIONS: ALL TILE TO BE LAD WITH PATTERN DESIGN RUNNING IN ONE DIRECTION UNLESS OTHERWISE NOTED. <p>PAINT, WALL COVERING, & WINDOW COVERING NOTES</p> <ol style="list-style-type: none"> 1. ALL PAINT SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS FOR THE PARTICULAR SURFACE MINIMUM OF TWO COATS SHALL BE APPLIED TO ACHIEVE FULL COVERAGE. 2. WALL COVERING CONTRACTOR TO COORDINATE ALL WALL COVERING APPLICATION IN OR ON CABINET WORK WITH CABINET CONTRACTOR. <p>CABINET/MILLWORK NOTES</p> <ol style="list-style-type: none"> 1. ALL WOODWORK BLOCKING GROUNDS, ROUGH BUCKS AND MISCELLANEOUS BLOCKING TO BE FIREPROOFED IN ACCORDANCE WITH LOCAL MUNICIPAL CODES. 2. CABINET CONTRACTOR SHALL COORDINATE SETTING OF ALL NECESSARY BLOCKING IN CONJUNCTION WITH HIS WORK. 3. WHERE ELECTRICAL WORK IS SPECIFIED IN CONJUNCTION WITH CABINET WORK, LAMPS, FIXTURES ARE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR. CUTOUTS FOR SWITCHES, OUTLETS, ETC., AS REQUIRED ARE BY THE CABINET CONTRACTOR AND TO BE COORDINATED WITH THE ELECTRICAL CONTRACTOR. 		<p>ARCHITECTURAL, STRUCTURAL & LANDSCAPING</p> <p style="text-align: center;">  STEENO DESIGN STUDIO THOMAS R. STEENO ARCHITECT • LIC. #C26448 </p> <p>11774 HESPERIA RD. • SUITE B-1 • HESPERIA • CA. 92345 (760) 244-5001 • FAX: (760) 244-1948 • tom@steenodesign.com</p>		<p>ZONE: PER COUNTY MAP PH04A (PH/C) GENERAL COMMERCIAL</p> <p>OVERLAYS: FLOOD PLAIN 1 (FP1) / FIRE SAFETY 2 (FS2)</p> <p>OCCUPANCY: (B) BUSINESS (A-2) ASSEMBLY & (S-1/S-2) STORAGE</p> <p>CONSTRUCTION TYPE: I-B</p> <p>STORIES: 1-STORY</p> <p>FIRE SPRINKLERS: YES</p> <p>A.P.N. 3066-261-10</p> <p>SITE ADDRESS: 9535 SHEEP CREEK RD. PHELAN, CA 92329</p> <p>ZONING SETBACKS: F.E.M.A. FLOOD ZONE</p> <p>APPLICANT/OWNER: PHELAN PIÑON HILLS C.S.D. PO BOX 29409 4178 WARBLER RD. PHELAN, CA 92329-9409 PH: 760-868-1212 FAX: 760-868-2323</p> <p>ARCHITECT/REPRESENTATIVE: STEENO DESIGN STUDIO, INC. ARCHITECT TOM STEENO 11774 HESPERIA ROAD, SUITE B-1 PH: 760-244-5001 FAX: 760-244-1948</p>		<table border="1"> <thead> <tr> <th>SHEET #</th> <th>GENERAL INFORMATION</th> <th>DATE</th> <th>TYPE</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td>G-0</td> <td>COVER SHEET & PROJECT INFORMATION</td> <td></td> <td></td> <td></td> </tr> <tr> <td>GC-1</td> <td>CALIFORNIA NON-RESIDENTIAL GREEN CODE REQUIREMENTS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>GN-1</td> <td>GENERAL NOTES</td> <td></td> <td></td> <td></td> </tr> <tr> <td>AC-1</td> <td>ACCESSIBILITY DETAILS AND SPECIFICATIONS</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="text-align: center;">ARCHITECTURAL</p> <table border="1"> <thead> <tr> <th>SHEET #</th> <th>ARCHITECTURAL</th> <th>DATE</th> <th>TYPE</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td>A-0</td> <td>SITE PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A-0.1</td> <td>SITE PLAN - OVERALL PROPERTY (SHOWING RETENTION BASIN)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A-1</td> <td>FLOOR PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A-1.1</td> <td>ENTRY PORTAL PLANS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A-1.2</td> <td>ENLARGED RESTROOM PLANS AND DETAILS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A-2</td> <td>EXTERIOR ELEVATIONS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A-3</td> <td>SECTIONS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A-3.1</td> <td>SECTIONS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A-4</td> <td>ROOF PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A-5</td> <td>REFLECTED CEILING PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A-6</td> <td>DOORS & WINDOWS SCHEDULES & DETAILS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A-6.1</td> <td>DOORS & WINDOWS SCHEDULES & DETAILS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A-7</td> <td>INTERIOR ELEVATIONS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A-7.1</td> <td>INTERIOR ELEVATIONS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>EG-1</td> <td>EGRESS PLAN AND OCCUPANCY</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="text-align: center;">ELECTRICAL</p> <table border="1"> <thead> <tr> <th>SHEET #</th> <th>ELECTRICAL</th> <th>DATE</th> <th>TYPE</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td>E-0</td> <td>SITE ELECTRICAL PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E-0.1</td> <td>PHOTOMETRIC SITE ELECTRICAL PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E-1</td> <td>ELECTRICAL NOTES & SPECIFICATIONS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E-2</td> <td>SINGLE LINE DIAGRAM</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E-2.5</td> <td>EQUIPMENT SPEC SHEET - 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FT. CIVIC CENTER OFFICE BUILDING WITH COMMUNITY ROOM AND EXPANSION AREA ON A VACANT PARCEL FOR PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT.</p> <p>ALL CONSTRUCTION TO BE PER ALL CURRENT STATE AND SAN BERNARDINO COUNTY ORDINANCES, CODES, REQUIREMENTS & REGULATIONS.</p>		<p>VICINITY MAP</p> 		<p>CONTRACTOR NOTES</p> <p>THIS PROJECT IS REQUIRED TO HAVE A MINIMUM OF 65% CONSTRUCTION WASTE IS TO BE RECYCLED AND/OR SALVAGED. CGG 5.408.1. DOCUMENTATION SHALL BE PROVIDED TO THE ENFORCING AGENCY WHICH DEMONSTRATES COMPLIANCE. CGG 5.408.1.4</p> <p>"CONTRACTOR RESPONSIBILITY": EACH CONTRACTOR OR SUB-CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF THE WIND AND/OR SEISMIC RESISTING SYSTEM THAT IS LISTED IN THE STATEMENT OF SPECIAL INSPECTION SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK REQUIRING SPECIAL INSPECTION. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS."</p>		<p>HAZARDOUS MATERIALS</p> <p>SECTION 5004.1 OF 2019 CBC</p> <p>STORAGE OF HAZARDOUS MATERIALS IN AMOUNTS EXCEEDING THE MAXIMUM ALLOWABLE QUANTITY PER CONTROL AREA AS SET FORTH IN SECTION 5003.1 SHALL BE IN ACCORDANCE WITH SECTIONS 5001, 5003 AND 5004. STORAGE OF HAZARDOUS MATERIALS IN AMOUNTS NOT EXCEEDING THE MAXIMUM ALLOWABLE QUANTITY PER CONTROL AREA AS SET FORTH IN SECTION 5003.1 SHALL BE IN ACCORDANCE WITH SECTIONS 5001 AND 5003. RETAIL AND WHOLESALE STORAGE AND DISPLAY OF NON-FLAMMABLE SOLID AND NON-FLAMMABLE AND NON-COMBUSTIBLE LIQUID HAZARDOUS MATERIALS IN GROUP M OCCUPANCIES AND GROUP S STORAGE SHALL BE IN ACCORDANCE WITH SECTION 5003.11.</p>	
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<p>FIRE DEPARTMENT NOTES</p> <ol style="list-style-type: none"> 1. SITE HAS BEEN PREGRADED. 2. ALL REQUIRED FIRE HYDRANTS SHALL BE INSTALLED, TESTED, AND ACCEPTED PRIOR TO CONSTRUCTION. 3. ALL FIRE HYDRANTS SHALL CONFORM TO CURRENT ANWA STANDARD C503 OR APPROVED EQUAL. 4. ALL PROPOSED FIRE HYDRANTS TO PROVIDE MINIMUM 150 GALLON PER MINUTE @ 20 PSI FOR A DURATION OF 2 HOURS, OVER AND ABOVE MAXIMUM DAILY DOMESTIC DEMAND WITH SPRINKLER EXCEPTION. 5. VEHICULAR ACCESS MUST BE PROVIDED AND MAINTAINED SERVICEABLE THROUGHOUT CONSTRUCTION. 6. PIVOT OR SIDE-HINGED SWINGING DOORS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING A ROOM OR AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS OR A GROUP M OCCUPANCY. 2019 CBC - 1010.1.2.1 7. EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. 2019 CBC 1010.1.9 8. WIDTH AND HEIGHT OF REQUIRED EXIT DOORWAYS TO COMPLY WITH 2019 CBC 1010.1.1 9. THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL BE NOT LESS THAN 1 FOOT-CANDLE (11 LUX) AT THE WALKING SURFACE. 2019 CBC 1008.2.1 10. EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. THE PATH OF EGRESS TRAVEL TO EXITS AND WITHIN EXITS SHALL BE MARKED BY READILY VISIBLE EXIT SIGNS TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL. IN CASES WHERE THE EXIT OR THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS, INTERVENING MEANS OF EGRESS DOORS WITHIN EXITS SHALL BE MARKED BY EXIT SIGNS. EXIT SIGN PLACEMENT SHALL BE SUCH THAT ANY POINT IN AN EXIT ACCESS CORRIDOR OR EXIT PASSAGEWAY IS WITHIN 100 FEET (30 480 MM) OR THE LISTED VIEWING DISTANCE OF THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN. 2019 CBC 1013.1 11. EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES. TO ENSURE CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 90 MINUTES IN CASE OF PRIMARY POWER LOSS, THE SIGN ILLUMINATION MEANS SHALL BE CONNECTED TO AN EMERGENCY POWER SYSTEM PROVIDED FROM STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. 2019 CBC 1013.6.3 12. PORTABLE FIRE EXTINGUISHER REQUIREMENTS SHALL BE INSTALLED IN ACCORDANCE WITH 2019 CFC 905.1 13. NEW AND EXISTING BUILDINGS SHALL BE PROVIDED WITH APPROVED ADDRESS IDENTIFICATION. THE ADDRESS IDENTIFICATION SHALL BE LEGIBLE AND PLACED IN A POSITION THAT IS VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. 14. ADDRESS IDENTIFICATION CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND. ADDRESS NUMBERS SHALL BE ARABIC NUMBERS OR ALPHABETICAL LETTERS. NUMBERS SHALL NOT BE SPELLED OUT. EACH CHARACTER SHALL BE NOT LESS THAN 4 INCHES (102 MM) HIGH WITH A MINIMUM STROKE WIDTH OF 1/2 INCH (12.7 MM). 2019 CFC 505.1 15. COMMERCIAL DUMPSTERS OR CONTAINERS WITH AN INDIVIDUAL CAPACITY OF 15 CUBIC YARDS OR GREATER SHALL NOT BE STORED OR PLACED WITHIN FIVE FEET OF COMBUSTIBLE WALLS, OPENINGS OR COMBUSTIBLE ROOF EAVE LINES UNLESS AREAS CONTAINING DUMPSTERS ARE PROTECTED BY AN APPROVED SPRINKLER SYSTEM. FIRE CODE 304.3.3 16. APPROVED PANIC HARDWARE ON REQUIRED EXIT DOORS. 17. INTERIOR FINISH SHALL BE PROVIDED IN ACCORDANCE WITH TITLE 24 SECTION 803.5 AS FOLLOWS: CLASS B - VERTICAL ENCLOSURES; CLASS C - CORRIDORS; CLASS C - ROOMS. 18. ALL DRAPES, HANGINGS, CURTAINS, DROPS AND ALL OTHER DECORATIVE MATERIAL TO COMPLY WITH 2019 CFC 803 		<p>GOVERNING CODES</p> <p>APPLICABLE CODES:</p> <p>THESE PLANS SHALL COMPLY WITH THE LOCAL MUNICIPAL CODE AND 2019 EDITION OF THE CALIFORNIA BUILDING CODE WHICH ADOPTS THE 2018 IBC, 2019 UMC, 2019 UPC, 2019 NEC AND CALIFORNIA AMENDMENTS</p> <p>CODES:</p> <p>BUILDING CODE: 2019 CALIF. BUILDING CODE (C.B.C.)</p> <p>ELECTRICAL CODE: 2019 CALIF. ELECTRICAL CODE (C.E.C.)</p> <p>MECHANICAL CODE: 2019 CALIF. MECHANICAL CODE (C.M.C.)</p> <p>PLUMBING CODE: 2019 CALIF. PLUMBING CODE (C.P.C.)</p> <p>ENERGY CODE (TITLE 24 - PART 6): 2019 CALIF. ENERGY STANDARDS</p> <p>ACCESSIBILITY CODE: 2019 CALIF. BUILDING CODE - CHAPTER 11</p> <p>GREEN CODE (TITLE 24 - PART 11): 2019 CALIF. GREEN BUILDING STANDARDS (C.G.C.)</p> <p>FIRE CODE: 2019 CALIF. FIRE CODE (C.F.C.)</p> <p>SEE GREEN CODE NON-RESIDENTIAL CHECKLIST ON PAGE GC-1 FOR MANDATORY MEASURES. G.C. & SUB-CONTRACTORS TO COMPLY WITH APPLICABLE MEASURES. SEE ALSO NOTES ON FLOOR PLAN</p>		<p>ENERGY COMPLIANCE</p> <p style="text-align: center;">  Design Development OWEN HALE 10687 Lincoln Ave, Hesperia Ca 92345 PHONE: (760) 662-3726 designdevelopment@mail.com </p> <p>PLANS PREPARED BY:</p> <p style="text-align: center;">  TRLs ENGINEERING Inc. 10770 I AVENUE, SUITE 108 Hesperia, CA 92345 Phone: (760) 948-4900 </p>		<p>CIVIL NOTES</p> <ol style="list-style-type: none"> 1. SEE CIVIL DRAWING FOR ALL SITE LAYOUT DIMENSIONS CURBS GUTTERS AND PLANTERS. 2. SEE CIVIL UTILITY DRAWINGS FOR UTILITY LINES. 3. SEE CIVIL DRAWINGS FOR ALL GRADING AND DRAINAGE 4. SITE LAYOUT IS TO BE COORDINATED WITH CIVIL DRAWINGS IF DISCREPANCIES EXIST. THE CIVIL DRAWINGS SHALL TAKE PRECEDENCE OVER THIS. THE ARCHITECT IS TO BE NOTIFIED OF ANY DISCREPANCIES. 5. ALL SITE CONCRETE SHALL RECEIVE WEAKENED PLANE JOINTS @ 15'-0" O.C. AND TOOLED JOINTS @ 3'-0" O.C. 6. ALL CONCRETE WALKS, LANDINGS, ETC. SHALL RECEIVE MEDIUM BROOM FINISH. 7. ALL SIGNAGE ON SITE UNDER SEPARATE PERMIT. 		<p>CIVILS</p>		<p>HAZARDOUS MATERIALS</p> <p>NO HAZARDOUS MATERIALS WILL BE STORED AND/OR USED WITHIN THE BUILDING WHICH EXCEEDS THE QUANTITIES LISTED IN IBC TABLES 307.1(1) AND 307.1(2)</p>		<p>DEFERRED AND / OR SEPARATE PERMIT ITEMS</p> <ol style="list-style-type: none"> 1. LANDSCAPING PLANS 2. MONUMENT SIGNS 3. SITE LIGHT STANDARDS 4. FIRE SPRINKLERS 5. FIRE ALARM SYSTEM 		<p>UTILITIES</p> <p>ELECTRIC: SOUTHERN CALIFORNIA EDISON CO. 12353 HESPERIA RD. VICTORVILLE CA. 92392 (760) 951-3237</p> <p>DISPOSAL: CR & R PHELAN, CA. 92371 PH: (760) 868-6353</p> <p>WATER: PHELAN PIÑON HILLS CSD. 4178 WARBLER RD. PHELAN, CA. 92371 PH: 760-868-3755</p> <p>TELEPHONE: VERIZON 15168 LA PAZ ROAD VICTORVILLE, CA. 92392 (800) 772-5153</p> <p>GAS: PROPANE (LP) SERVICE PROVIDER TO BE SPECIFIED</p> <p>SEWER: PRIVATE ON SITE SYSTEM</p>		<p>FIRE SAFETY OVERLAY ZONE NOTES</p> <ol style="list-style-type: none"> 1. BUILDINGS/STRUCTURES ERRECTED, CONSTRUCTED, ALTERED, REPAIRED OR MOVED WITHIN OR INTO THE FIRE SAFETY OVERLAY ZONE SHALL COMPLY WITH CBC 701A.3 2. PAINTS, COATINGS, STAINS OR OTHER SURFACE TREATMENTS ARE NOT AN APPROVED METHOD OF PROTECTION REQUIRED IN CBC CHAPTER 7A. (CBC 703A.5.3) 		<p>GENERAL NOTES</p>																																																																																																																																																																																																																																																																								

 STEENO DESIGN STUDIO ARCHITECTURE • DESIGN • PLANNING 11774 HESPERIA ROAD, SUITE B • HESPERIA, CA 92345 PHONE (760) 244-5001 • FAX (760) 244-1948 www.steenodesign.com		DATE FINISHED MAY 2022	THESE PLANS SHALL COMPLY WITH THE CALIFORNIA GREEN BUILDING CODE (CALIF. GREEN BUILDING STANDARDS) AND THE 2019 ENERGY STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTION.		PROJECT: CIVIC CENTER BUILDING PHELAN PIÑON HILLS C.S.D. SITE ADDRESS: A.P.N. 3066-261-10 9535 SHEEP CREEK ROAD, PHELAN, CA 92329	JOB NO. COM20-L01/01	PAGE G-0
REVISIONS 1. REV. CODE: 02/14/22 2. REV. CODE: 02/14/22 3. REV. CODE: 08/08/22 4. REV. CODE: 08/08/22 5. REV. CODE: 08/08/22 6. REV. CODE: 08/08/22 7. REV. CODE: 08/08/22 8. REV. CODE: 08/08/22 9. REV. CODE: 08/08/22 10. REV. CODE: 08/08/22 11. REV. CODE: 08/08/22 12. REV. CODE: 08/08/22 13. REV. CODE: 08/08/22 14. REV. CODE: 08/08/22 15. REV. CODE: 08/08/22 16. REV. CODE: 08/08/22 17. REV. CODE: 08/08/22 18. REV. CODE: 08/08/22 19. REV. CODE: 08/08/22 20. REV. CODE: 08/08/22 21. REV. CODE: 08/08/22 22. REV. CODE: 08/08/22 23. REV. CODE: 08/08/22 24. REV. CODE: 08/08/22 25. REV. CODE: 08/08/22 26. REV. CODE: 08/08/22 27. REV. CODE: 08/08/22 28. REV. CODE: 08/08/22 29. REV. CODE: 08/08/22 30. REV. CODE: 08/08/22 31. REV. CODE: 08/08/22 32. REV. CODE: 08/08/22 33. REV. CODE: 08/08/22 34. REV. CODE: 08/08/22 35. REV. CODE: 08/08/22 36. REV. CODE: 08/08/22 37. REV. CODE: 08/08/22 38. REV. CODE: 08/08/22 39. REV. CODE: 08/08/22 40. REV. CODE: 08/08/22 41. REV. CODE: 08/08/22 42. REV. CODE: 08/08/22 43. REV. CODE: 08/08/22 44. REV. CODE: 08/08/22 45. REV. CODE: 08/08/22 46. REV. CODE: 08/08/22 47. REV. CODE: 08/08/22 48. REV. CODE: 08/08/22 49. REV. CODE: 08/08/22 50. REV. CODE: 08/08/22 51. REV. CODE: 08/08/22 52. REV. CODE: 08/08/22 53. REV. CODE: 08/08/22 54. REV. CODE: 08/08/22 55. REV. CODE: 08/08/22 56. REV. CODE: 08/08/22 57. REV. CODE: 08/08/22 58. REV. CODE: 08/08/22 59. REV. CODE: 08/08/22 60. REV. CODE: 08/08/22 61. REV. CODE: 08/08/22 62. REV. CODE: 08/08/22 63. REV. CODE: 08/08/22 64. REV. CODE: 08/08/22 65. REV. CODE: 08/08/22 66. REV. CODE: 08/08/22 67. REV. CODE: 08/08/22 68. REV. CODE: 08/08/22 69. REV. CODE: 08/08/22 70. REV. CODE: 08/08/22 71. REV. CODE: 08/08/22 72. REV. CODE: 08/08/22 73. REV. CODE: 08/08/22 74. REV. CODE: 08/08/22 75. REV. CODE: 08/08/22 76. REV. CODE: 08/08/22 77. REV. CODE: 08/08/22 78. REV. CODE: 08/08/22 79. REV. CODE: 08/08/22 80. REV. CODE: 08/08/22 81. REV. CODE: 08/08/22 82. REV. CODE: 08/08/22 83. REV. CODE: 08/08/22 84. REV. CODE: 08/08/22 85. REV. CODE: 08/08/22 86. REV. CODE: 08/08/22 87. REV. CODE: 08/08/22 88. REV. CODE: 08/08/22 89. REV. CODE: 08/08/22 90. REV. CODE: 08/08/22 91. REV. CODE: 08/08/22 92. REV. CODE: 08/08/22 93. REV. CODE: 08/08/22 94. REV. CODE: 08/08/22 95. REV. CODE: 08/08/22 96. REV. CODE: 08/08/22 97. REV. CODE: 08/08/22 98. REV. CODE: 08/08/22 99. REV. CODE: 08/08/22 100. REV. CODE: 08/08/22		CONTACT: DON BARTZ	SHEET NAME: COVER	PROJECT INFORMATION			

ACCESSIBLE ROUTES - CHAPTER 11B CBC 2019 1

ACCESSIBLE ROUTES SHALL COMPLY WITH CHAPTER 11B DIVISION 4 OF CBC 2019

ACCESSIBLE ROUTES SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING COMPONENTS: WALKING SURFACES WITH A RUNNING SLOPE NOT STEEPER THAN 1:20, DOORWAYS, RAMPS, CURB RAMPS EXCLUDING THE LATCHED SIDES, ELEVATORS, AND PLATFORM LIFTS. ALL COMPONENTS OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF DIVISION 4. SITE ARRIVAL POINTS - AT LEAST ONE ACCESSIBLE ROUTE SHALL BE PROVIDED WITHIN THE SITE FROM ACCESSIBLE PARKING SPACES AND ACCESSIBLE PASSENGER LOADING ZONES, PUBLIC STREETS AND SIDEWALKS, AND PUBLIC TRANSPORTATION STOPS TO THE ACCESSIBLE BUILDING OR FACILITY THEY SERVE

A. SITE DEVELOPMENT AND GRADING SHALL BE DESIGNED TO PROVIDE ACCESS TO PRIMARY ENTRANCES FROM THE PUBLIC WAY. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48

C. WALKS SHALL EXTEND 24" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK

D. SURFACES WITH A SLOPE GREATER THAN 4 PERCENT SHALL BE SLIP RESISTANT

E. WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60" AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK AND NO LESS THAN 48" WIDE BY 48" HIGH OR GATE THAT SWINGS AWAY FROM THE WALK

F. ABRUPT CHANGES SHALL NOT EXCEED 1/4" VERTICAL OR 1/2" BEVELED AT 45 DEGREES GREATER THAN 1/2" MUST COMPLY WITH REQUIREMENTS FOR CURB RAMPS

G. AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60" SHALL PROVIDE PASSING SPACES AT INTERVALS OF 200 FEET MAX.

RAMPS - CHAPTER 11B DIVISION 4: (SECTION 406) CBC 2019 2

RAMPS ON ACCESSIBLE ROUTES SHALL COMPLY WITH CHAPTER 11B DIVISION 4 OF CBC 2019

A. THE SLOPE OF RAMPS SHALL NOT EXCEED 8.33% (1 IN 12)

B. SURFACE SHALL BE SLIP RESISTANT

C. THE CLEAR WIDTH OF CURB RAMP RUNS (EXCLUDING ANY RAMP HANDRAILS), BLENDED TRANSITIONS, AND TURNING SPACES SHALL BE 48 INCHES MIN. BOTTOM LANDING SHALL BE MINIMUM OF 72" IN THE DIRECTION OF TRAVEL

D. TOP CURB LANDING SHALL BE 48" DEEP MINIMUM

F. WHEN DOOR SWINGS ON TO TOP LANDING, MINIMUM DEPTH OF LANDING REQUIRED IS DOOR WIDTH PLUS 42"

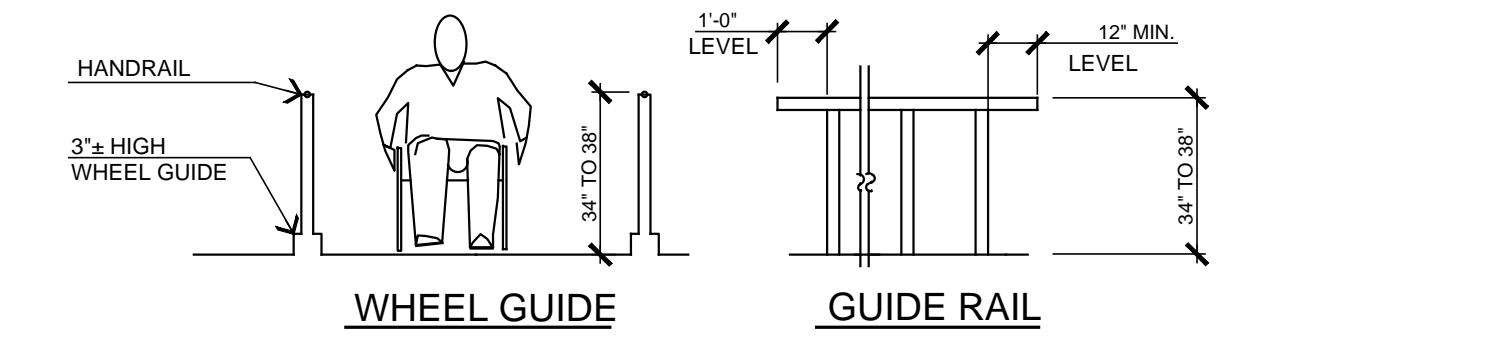
G. RAMP HANDRAILS REQUIRED ON EACH SIDE OF RAMP WHEN SLOPE EXCEEDS 1 IN 20

H. RAMP HANDRAILS SHALL BE CONTINUOUS, LOCATED 34" MIN. AND 38" MAX. MIN. HEIGHT ABOVE RAMP SURFACE, WITH 12" EXTENSIONS BEYOND 11B-505.4

I. TOP AND BOTTOM AND THE ENDS RETURNED

J. HANDRAILS SHALL BE 1-1/4" TO 2" CROSS SECTION, EXPANDED MINIMUM OF 1-1/2" FROM WALL

K. PROVIDE 2" HIGH CURB OR WHEEL GUIDE RAIL CENTERED 3" FROM RAMP SURFACE 1' ABOVE RAMP. SURFACE ON BOTH SIDES OF RAMP WHEN RAMP IS NOT BOUNDED BY WALLS AND WHEN RAMP SPACES 5 FEET MIN LENGTH



ACCESSIBLE SIGNAGE - CHAPTER 11B DIVISION 5 (SECTION 502.8) CBC 2019 3

A. A PERMANENTLY AFFIXED REFLECTORIZED SIGN CONSTRUCTED OF PORCELAIN ON STEEL, BEADED TEXT OR EQUAL, DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY, THIS SIGN SHALL NOT BE SMALLER THAN SEVENTY (70) SQUARE INCHES IN AREA AND SHALL BE CENTERED AT THE INTERIOR END OF THE PARKING SPACE AT A MIN. HEIGHT OF EIGHTY (80) INCHES FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE, FINISHED GRADE OR CENTERED ON THE WALL AT THE INTERIOR END OF THE PARKING SPACE AT A MINIMUM HEIGHT OF SIXTY (60) INCHES FROM ABOVE GROUND SURFACE WHEN MOUNTED ON WALL. REF. 2019 CBC 11B-502.8

B. MAXIMUM SLOPE OF PARKING SPACE SHALL NOT EXCEED 1% PER FOOT

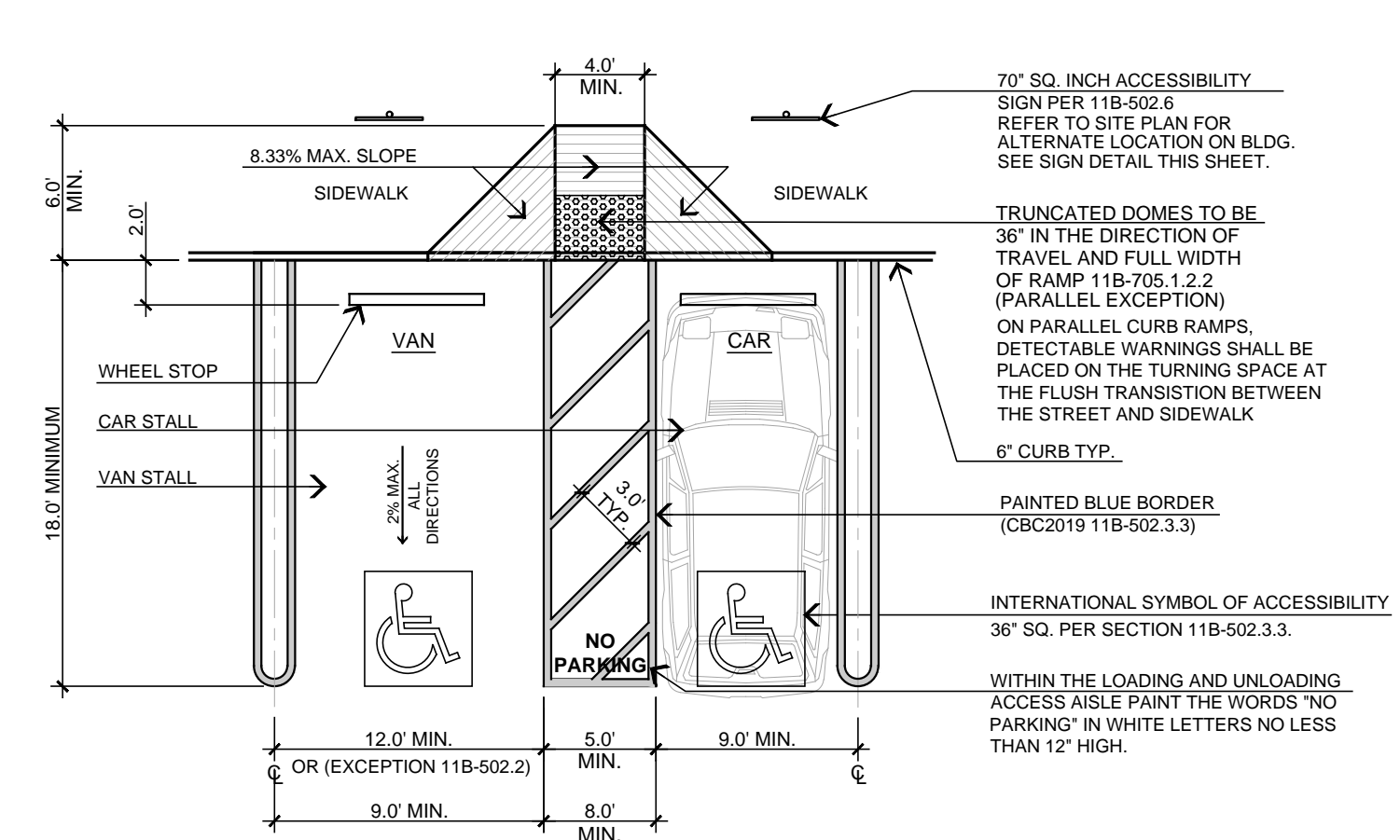
C. POST A SIGN AT EACH DRIVE APPROACH ENTRANCE TO THE OFF STREET PARKING FACILITY, NOT LESS THAN 17" X 22" IN SIZE WITH LETTERING NOT LESS THAN ONE INCH IN HEIGHT WHICH CLEARLY AND CONSPICUOUSLY STATES THE FOLLOWING: "UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING Distinguishing PLACARD OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT THE OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED @ OR BY TELEPHONING SECTION 502.8.2. (SEE FIGS. A AND B THIS SHEET)

D. ONE PARKING STALL SHALL BE "VAN ACCESSIBLE" 9 FEET WIDE WITH AN ADJOINING 8-FOOT WIDE LANDING AREA. THE STALL SHALL HAVE A SIGN STATING "VAN ACCESSIBLE"

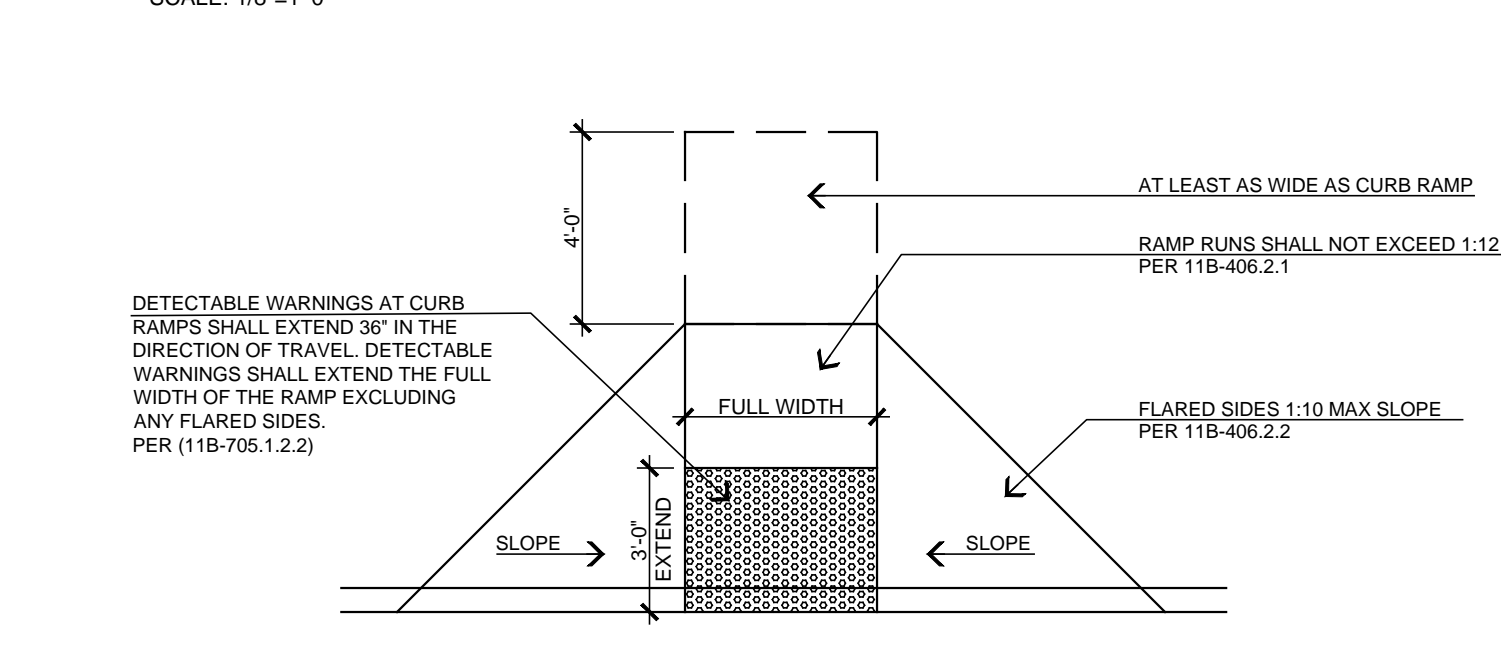
E. A PARKING SPACE IDENTIFICATION SIGN SHALL BE VISIBLE FROM EACH PARKING SPACE. SIGNS SHALL BE PERMANENTLY POSTED EITHER IMMEDIATELY ADJACENT TO THE PARKING SPACE OR WITHIN THE PROJECTED PARKING SPACE WIDTH AT THE HEAD AND FOOT OF THE PARKING SPACE. SIGNS MAY ALSO BE PERMANENTLY POSTED ON A WALL AT THE INTERIOR END OF THE PARKING SPACE. (CBC SEC. 11B-502.8.3)

F. THE PARKING SPACE SHALL BE MARKED WITH AN INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH SECTION 11B-705.2.1 INTERNATIONAL SYMBOL OF ACCESSIBILITY IN WHITE ON A BLUE BACKGROUND A MINIMUM 36 INCHES WIDE BY 36 INCHES HIGH. THE CENTERLINE OF THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE A MAXIMUM OF 6 INCHES FROM THE CENTERLINE OF THE PARKING SPACE. ITS SIDES PARALLEL TO THE LENGTH OF THE PARKING SPACE AND ITS LOWER CORNER AT, OR LOWER SIDE ALIGNED WITH, THE END OF THE PARKING SPACE LENGTH. (CBC SECTION 11B-502.8.4.1)

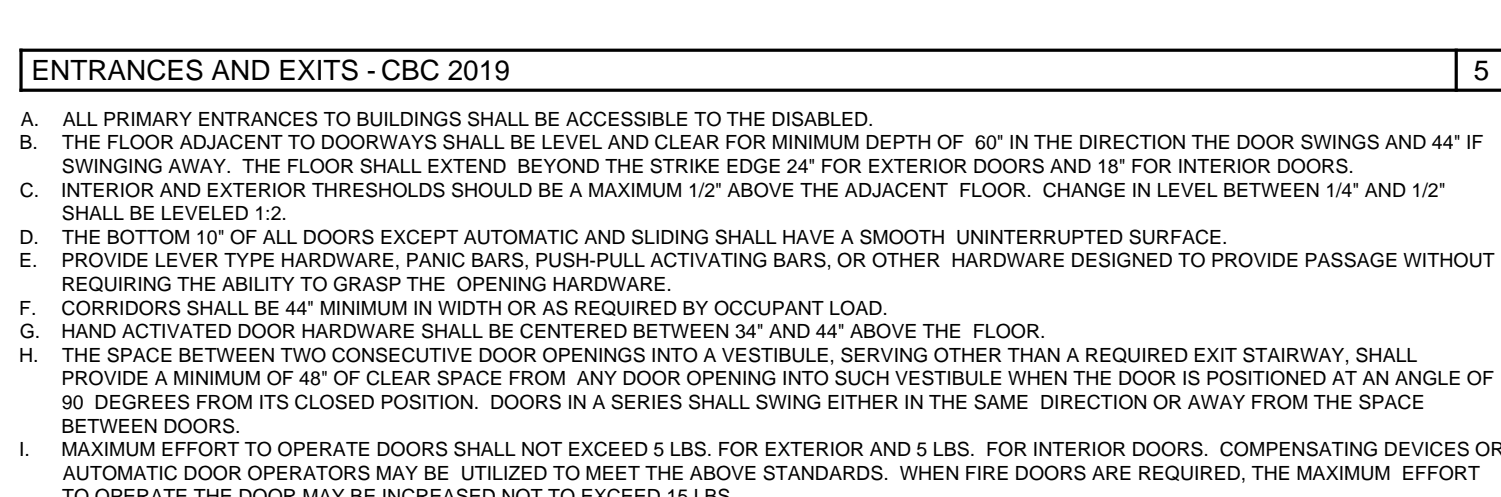
GENERAL SITE CHAPTER 11B DIVISION 5 CBC 2019 4



ACCESSIBLE PARKING DBL. SPACES SCALE: 1/8"=1'-0" 4A



CURBED RAMP DETAIL - A.D.A. REQUIREMENTS 4B



ENTRANCES AND EXITS - CBC 2019 5

A. ALL PRIMARY ENTRANCES TO BUILDINGS SHALL BE ACCESSIBLE TO THE DISABLED

B. THE FLOOR ADJACENT TO DOORWAYS SHALL BE LEVEL AND CLEAR FOR MINIMUM DEPTH OF 60" IN THE DIRECTION OF THE DOOR SWINGS AND 44" IF SWINGING AWAY. THE FLOOR SHALL EXTEND BEYOND THE STRIKE EDGE 24" FOR EXTERIOR DOORS AND 18" FOR INTERIOR DOORS

C. INTERIOR AND EXTERIOR THEREAFTERS SHOULD BE A MAXIMUM 1/2" ABOVE THE ADJACENT FLOOR. CHANGE IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED 1:2

D. THE BOTTOM OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE

E. PROVIDE LEVER TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE

F. CORRIDORS SHALL BE 44" MINIMUM IN WIDTH OR AS REQUIRED BY OCCUPANT LOAD

G. HAND ACTIVATED DOOR HARDWARE SHALL BE CENTERED BETWEEN 34" AND 44" ABOVE THE FLOOR

H. THE SPACE BETWEEN TWO CONSECUTIVE DOOR OPENINGS INTO A VESTIBULE, SERVING OTHER THAN A REQUIRED EXIT STARWAY, SHALL PROVIDE A MINIMUM OF 48" OF CLEAR SPACE FROM ANY DOOR OPENING INTO SUCH VESTIBULE WHEN THE DOOR IS POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. DOORS IN A SERIES SHALL SWING EITHER IN THE SAME DIRECTION OR AWAY FROM THE SPACE BETWEEN DOORS

I. MANUAL EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS. FOR EXTERIOR AND 5 LBS. FOR INTERIOR DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED NOT TO EXCEED 15 LBS.

SANITARY FACILITIES

A. DOORWAYS LEADING TO SANITARY FACILITIES SHALL BE IDENTIFIED AS NOTED UNDER SIGNAGE AND IDENTIFICATION NOTICES

B. PROVIDE A CLEAR SPACE 60" IN DIAMETER WITHIN THE TOILET ROOM

ADDITIONAL REQUIREMENTS 6

A. CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLES OUTLETS, APPLIANCES, OR COOLING, HEATING AND VENTILATING EQUIPMENT SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE OUTLET BOX NOR LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE OUTLET BOX TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM. C.B.C. 11B-308.1.2

B. OBJECTS PROTRUDING FROM WALLS (E.G. TELEPHONES) WITH THEIR LEADING EDGES BETWEEN 27" AND 80" ABOVE THE FINISHED FLOOR SHALL PROTRUDE NO MORE THAN 4" INTO WALKS, HALLS, CORRIDORS, PASSAGEWAYS OR AISLES

C. OBJECTS MOUNTED WITH THEIR LEADING EDGES AT OR BELOW 27" ABOVE THE FINISHED FLOOR MAY PROTRUDE ANY AMOUNT, PROVIDED THE PROTRUDING OBJECT DOES NOT REDUCE THE CLEAR WIDTH OF AN ACCESSIBLE ROUTE OR MANEUVERING SPACE

D. ABRUPT CHANGES IN LEVEL, EXCEPT BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY, EXCEEDING 4" IN A VERTICAL DIMENSION SUCH AS AT PLATFORMS OR FOUNTAINS LOCATED IN OR ADJACENT TO WALKS, SHALL BE IDENTIFIED BY CURBS PROJECTING AT LEAST 8" IN HEIGHT ABOVE THE WALK TO WHICH THE WALK IS ADJACENT

E. FLOOR SURFACES SHALL BE SLIP RESISTANT. RECOMMENDED COEFFICIENT OF FRICTION (C.O.F.) IS 0.06. EVERY AISLE SHALL BE NOT LESS THAN 36" WIDE IF SERVING ONLY ONE SIDE, AND NOT LESS THAN 42" WIDE IF SERVING BOTH SIDES. THE WIDTH SHALL BE MEASURED BY THE POINT FARTHEST FROM AN EXIT, CROSS AISLE, OR FLYER AND SHALL BE INCREASED BY 1-1/2" FOR EACH 5' IN LENGTH TOWARD THE EXIT, CROSS AISLE OR FLYER. CONTINGENT SEATING SIDE AISLES SHALL NOT BE LESS THAN 48" IN WIDTH

ELECTRICAL SWITCHES & RECEPTACLE OUTLETS - CHAPTER 11B DIV. 3 (SECTION 308) CBC 2019 7

A. ELECTRICAL SWITCHES, CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES OR COOLING, HEATING AND VENTILATING EQUIPMENT SHALL BE LOCATED NO MORE THAN 48" FROM THE TOP OF THE OUTLET BOX NOR LESS THAN 15" FROM THE BOTTOM OF THE OUTLET BOX TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM

B. ELECTRICAL RECEPTACLE OUTLETS, ELECTRICAL RECEPTACLES OUTLETS ON BRANCH CIRCUITS OF STAMPS OR LESS AND COMMUNICATION SYSTEM RECEPTACLES SHALL BE LOCATED NO MORE THAN 48" FROM THE TOP OF THE OUTLET BOX NOR LESS THAN 15" FROM THE BOTTOM OF THE OUTLET BOX MEASURED FROM THE FINISH FLOOR OR WORKING PLATFORM

WATER CLOSETS 8

A. HEIGHT OF WATER CLOSET SHALL BE 17" TO 19" ABOVE FLOOR

B. THE FORCE REQUIRED TO ACTIVATE THE FLUSH VALVE SHALL BE 3 LBS MAXIMUM

C. PROVIDE 17" TO 19" FROM THE CENTERLINE OF THE WATER CLOSET TO THE ADJACENT WALL FINISH SURFACE AT ACCESSIBLE STALLS

D. TOILET FLUSH CONTROLS SHALL BE OPERABLE WITH ONE HAND, AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. CONTROLS SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREAS, NO MORE THAN 44" ABOVE THE FLOOR THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS

E. CLEARANCE AROUND A WATER CLOSET SHALL BE 60" MIN. MEASURED PERPENDICULAR FROM THE SIDE WALL AND 56" MIN. MEASURED PERPENDICULAR FROM THE REAR WALL

URINALS 9

A. URINALS WHERE THERE ARE URINALS PROVIDED AT LEAST ONE (1) SHALL PROVIDE A CLEAR FLOOR SPACE OF 36" BY 48" IN FRONT OF THE URINAL TO ALLOW FOR A FORWARD APPROACH. THIS CLEAR SPACE MAY EXTEND 6" MAX. UNDER THE URINAL IF THE URINAL HAS 9" MIN. TOE CLEARANCE FROM THE FLOOR TO THE URINAL'S BOTTOM. FIG. 1 (CA T24 11B-605.3 & 11B-305)

B. ONE SIDE, PROVIDE ONE (1) FULL UNOBSERVED SIDE OF THE CLEAR FLOOR SPACE AS TO ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE. FIG. 1 (CA T24 11B-605.1, 11B-603.2, 11B-603.3 & 11B-603.2.2)

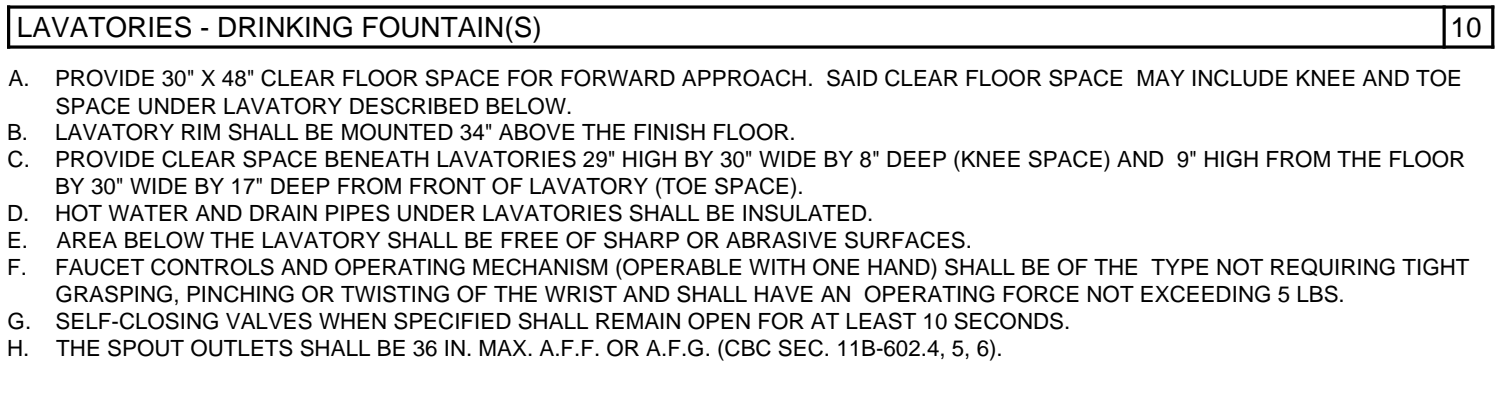
C. RIM HEIGHT: MAX. 17" HEIGHT ABOVE FLOOR. FIG. 1 (CA T24 11B-605.2)

D. RIM PROJECTION: MIN. 13-1/2" FROM WALL. FIG. 1 (CA T24 11B-605.2)

E. FLOOR SURFACE: SMOOTH, HARD, AND NON-ABSORBENT FINISH, EXTENDING UP THE WALLS A MIN. OF 4" (CA T24 1210.2.1)

F. WALLS: WALLS WITHIN 24" OF FRONT AND SIDES OF URINAL TO BE SMOOTH, HARD, AND NON-ABSORBENT UP TO 48" IN HEIGHT, EXCEPT FOR STRUCTURAL MATERIALS, THE MATERIAL USED SHALL BE A TYPE WHICH IS NOT ADVERSELY AFFECTED BY MOISTURE. FIG. 2 (CA T24 1210.2.2)

G. FLUSH CONTROL OPERATION: OPERABLE WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS. ELECTRONIC OR AUTOMATIC FLUSHING CONTROLS ARE ACCEPTABLE AND PREFERABLE. MAX 5 LBS. PRESSURE TO OPERATE FLUSH VALVE. FIG. 3 (CA T24 11B-605.4)



LAVATORIES - DRINKING FOUNTAIN(S) 10

A. PROVIDE 30" X 48" CLEAR FLOOR SPACE FOR FORWARD APPROACH. SAID CLEAR FLOOR SPACE MAY INCLUDE KNEE AND TOE SPACE UNDER LAVATORY DESCRIBED BELOW

B. LAVATORY RIM SHALL BE MOUNTED 34" ABOVE THE FINISH FLOOR

C. PROVIDE CLEAR SPACE BENEATH LAVATORIES 29" HIGH BY 30" WIDE BY 8" DEEP (KNEE SPACE) AND 9" HIGH FROM THE FLOOR BY 30" WIDE BY 17" DEEP FROM FRONT OF LAVATORY (TOE SPACE)

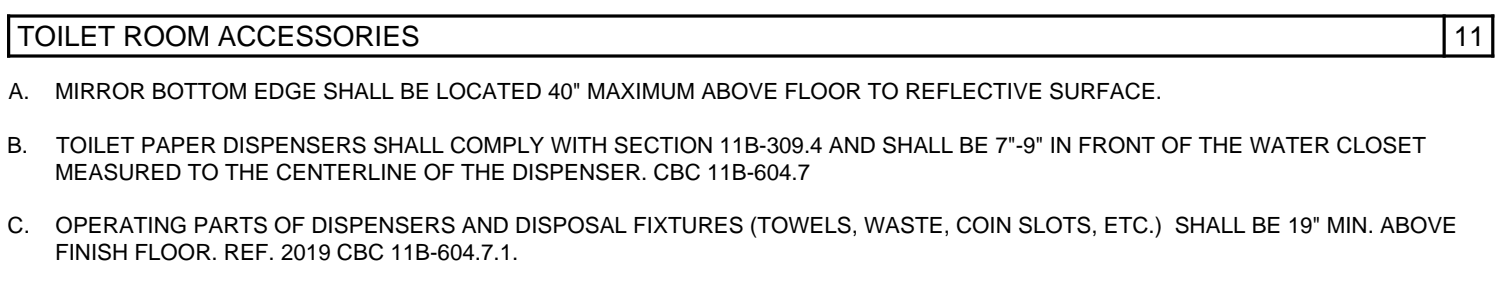
D. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED

E. AREA BELOW THE LAVATORY SHALL BE FREE OF SHARP OR ABRASIVE SURFACES

F. FAUCET CONTROLS AND OPERATING MECHANISMS (OPERABLE WITH ONE HAND) SHALL BE OF THE TYPE NOT REQUIRING TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST AND SHALL HAVE AN OPERATING FORCE NOT EXCEEDING 5 LBS

G. SELF-CLOSING VALVES WHEN SPECIFIED SHALL REMAIN OPEN FOR AT LEAST 10 SECONDS

H. THE SPOUT OUTLETS SHALL BE 36" MIN. A.F.F. OR A.F.G. (CBC SEC. 11B-602.4, 5, 6)



TOILET ROOM ACCESSORIES 11

A. MIRROR BOTTOM EDGE SHALL BE LOCATED 40" MAXIMUM ABOVE FLOOR TO REFLECTIVE SURFACE

B. TOILET PAPER DISPENSERS SHALL COMPLY WITH SECTION 11B-309.4 AND SHALL BE 7'-9" IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. CBC 11B-604.7

C. OPERATING PARTS OF DISPENSERS AND DISPOSAL FIXTURES (TOWELS, WASTE, COIN SLOTS, ETC.) SHALL BE 19" MIN. ABOVE FINISH FLOOR. REF. 2019 CBC 11B-604.7.1

TOE CLEARANCE 11.1

WHERE SPACE BENEATH AN ELEMENT IS INCLUDED AS PART OF CLEAR FLOOR OR GROUND SPACE OR TURNING SPACE, THE SPACE SHALL COMPLY WITH SECTION 11B-306. ADDITIONAL SPACE SHALL NOT BE PROHIBITED BENEATH AN ELEMENT BUT SHALL NOT BE CONSIDERED AS PART OF THE CLEAR FLOOR OR GROUND SPACE OR TURNING SPACE

11B-306.2 TOE CLEARANCE

11B-306.2.1 GENERAL

SPACE UNDER AN ELEMENT INTENDED TO BE USED BY PERSONS WITH DISABILITIES AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE IDENTIFIED WITH A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY

11B-306.2.2 MAXIMUM DEPTH

TOE CLEARANCE SHALL EXTEND 25 INCHES (635 MM) MAXIMUM UNDER AN ELEMENT

EXCEPTION: TOE CLEARANCE SHALL EXTEND 19 INCHES (483 MM) MAXIMUM UNDER LAVATORIES REQUIRED TO BE ACCESSIBLE BY SECTION 11B-213.4

11B-306.2.3 MINIMUM REQUIRED DEPTH

TOE CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17 INCHES (432 MM) MINIMUM UNDER THE ELEMENT

EXCEPTIONS:

1. THE TOE CLEARANCE SHALL EXTEND 19 INCHES (483 MM) MINIMUM UNDER SINKS REQUIRED TO BE ACCESSIBLE BY SECTION 11B-213.4

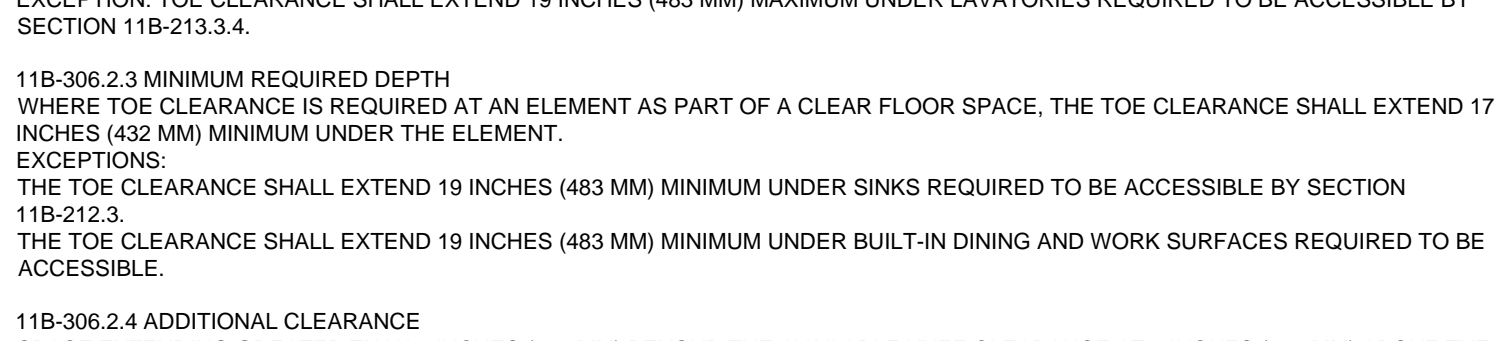
2. THE TOE CLEARANCE SHALL EXTEND 19 INCHES (483 MM) MINIMUM UNDER BUILT-IN DINING AND WORK SURFACES REQUIRED TO BE ACCESSIBLE

11B-306.2.4 ADDITIONAL CLEARANCE

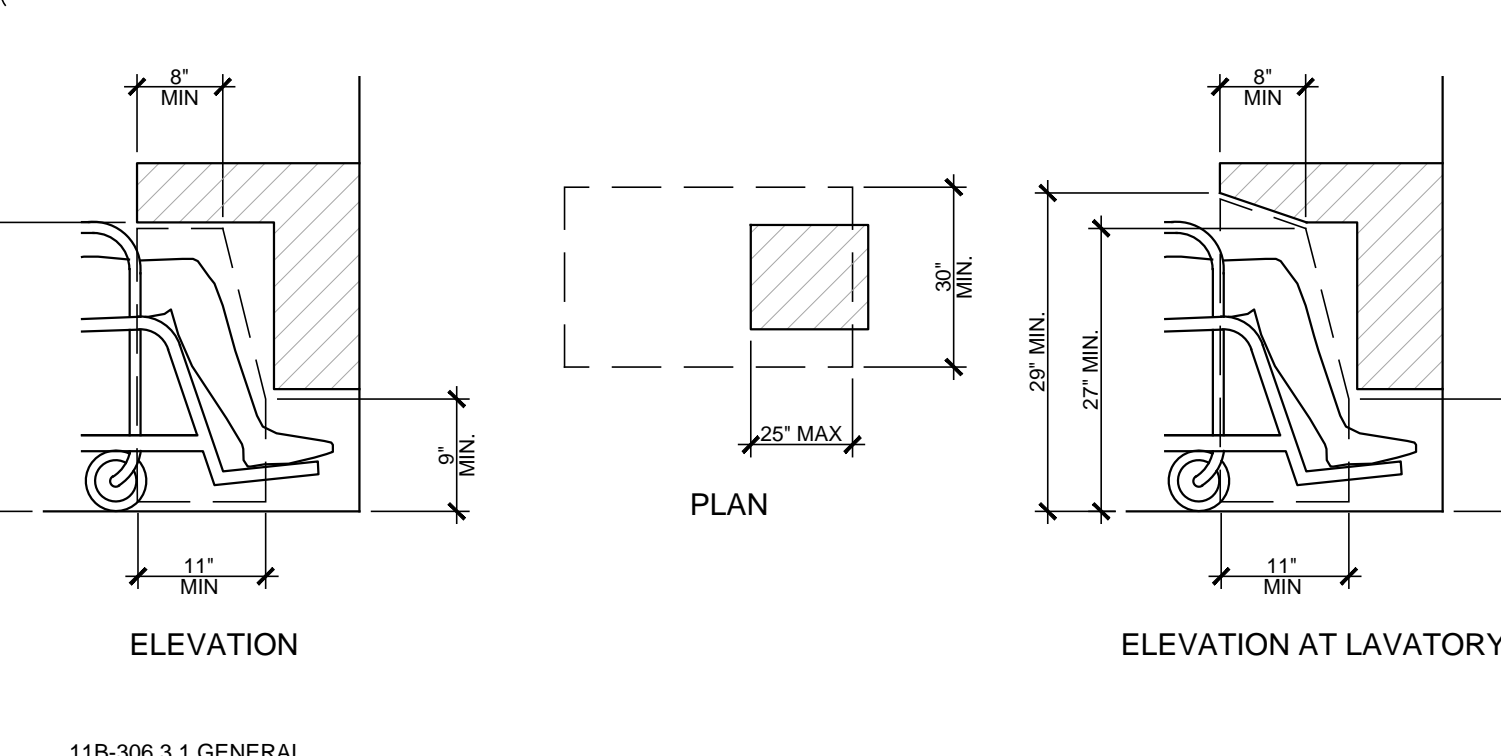
SPACE EXTENDING GREATER THAN 6 INCHES (152 MM) BEYOND THE AVAILABLE KNEE CLEARANCE AT 9 INCHES (229 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL NOT BE CONSIDERED TOE CLEARANCE

11B-306.2.5 WIDTH

TOE CLEARANCE SHALL BE 30 INCHES (762 MM) WIDE MINIMUM



KNEE CLEARANCE 11.2



11B-306.3.1 GENERAL

SPACE UNDER AN ELEMENT BETWEEN 9 INCHES (229 MM) AND 27 INCHES (686 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED KNEE CLEARANCE AND SHALL COMPLY WITH SECTION 11B-306.3

EXCEPTION: AT LAVATORIES REQUIRED TO BE ACCESSIBLE BY SECTION 11B-213.4, SPACE BETWEEN 9 INCHES (229 MM) AND 29 INCHES (737 MM) ABOVE THE FINISH FLOOR OR GROUND, SHALL BE CONSIDERED KNEE CLEARANCE

11B-306.3.2 MAXIMUM DEPTH

KNEE CLEARANCE SHALL EXTEND 25 INCHES (635 MM) MAXIMUM UNDER AN ELEMENT AT 9 INCHES (229 MM) ABOVE THE FINISH FLOOR OR GROUND

11B-306.3.3 MINIMUM REQUIRED DEPTH

WHERE KNEE CLEARANCE IS REQUIRED UNDER AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE KNEE CLEARANCE SHALL BE 11 INCHES (279 MM) DEEP MINIMUM AT 9 INCHES (229 MM) ABOVE THE FINISH FLOOR OR GROUND, AND 8 INCHES (203 MM) DEEP MINIMUM AT 27 INCHES (686 MM) ABOVE THE FINISH FLOOR OR GROUND

EXCEPTIONS:

AT LAVATORIES REQUIRED TO BE ACCESSIBLE BY SECTION 11B-213.4, THE KNEE CLEARANCE SHALL BE 27 INCHES (686 MM) HIGH MINIMUM ABOVE THE FINISH FLOOR OR GROUND AT A DEPTH OF 9 INCHES (203 MM) MINIMUM INCREASING TO 29 INCHES (737 MM) HIGH MINIMUM ABOVE THE FINISH FLOOR OR GROUND AT THE FRONT EDGE OF A COUNTER WITH A BUILT-IN LAVATORY OR AT THE FRONT EDGE OF A WALL-MOUNTED LAVATORY FIXTURE

AT DINING AND WORK SURFACES REQUIRED TO BE ACCESSIBLE, KNEE CLEARANCE SHALL EXTEND 19 INCHES (483 MM) DEEP MINIMUM AT 27 INCHES (686 MM) ABOVE THE FINISH FLOOR OR GROUND

11B-306.3.4 CLEARANCE REDUCTION

BETWEEN 9 INCHES (229 MM) AND 27 INCHES (686 MM) ABOVE THE FINISH FLOOR OR GROUND, THE KNEE CLEARANCE SHALL BE PERMITTED TO REDUCE AT A RATE OF 1 INCH (25 MM) IN DEPTH FOR EACH 6 INCHES (152 MM) IN HEIGHT

SIGNAGE AND IDENTIFICATION 12

MOUNTING HEIGHT FOR TACTILE SIGNAGE

SIGNS CAN NOW BE MOUNTED WITHIN A RANGE OF SPACE WHICH ALLOWS FOR A CONSISTENT TOE HEIGHT FOR DIFFERENT SIZED SIGNS ALONG A HALL

SIGNS ARE TO BE MOUNTED AT A HEIGHT TO ALLOW THE BASELINES OF RAISED CHARACTERS TO BE LOCATED BETWEEN 48" AND 60" ABOVE THE GROUND

PERMANENT SIGNAGE TO BE INSTALLED ON THE WALL ADJACENT TO THE ENTRY TO THE DOOR. MOUNTING LOCATION MUST ALLOW A PERSON TO APPROACH WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING PATH OF THE DOOR

MINIMUM HEIGHT: BASELINE OF LOWEST COPY MOUNTED NO LOWER THAN 48" ABOVE THE FLOOR

MAXIMUM HEIGHT: BASELINE OF HIGHEST COPY MOUNTED NO HIGHER THAN 60" ABOVE FLOOR

INTERNATIONAL SYMBOL OF ACCESSIBILITY MOUNTED ON EXTERIOR DOORS

HINGE SIDE OF DOOR

AREA OF REFUGE

FINISH FLOOR

FLOOR GROUND SURFACES 11B-302-303 CBC 2019

BEVELED CHANGED IN LEVEL PER 11B-502.8.2

VERTICAL CHANGE IN LEVEL PER 11B-502.8.2

CARPET PILE HEIGHT PER 11B-302.2 CBC 2019

MOUNTING HEIGHT OF ROOM ID SIGN DETAIL

A. ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE IDENTIFIED WITH A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY

B. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO OR DARKER THAN 1500K MINIMUM STANDING 590C

C. EACH PARKING SPACE RESERVED FOR PERSONS WITH DISABILITIES SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN PERMANENTLY POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE CONSISTING OF A PROFILE VIEW OF A WHEELCHAIR WITH OCCUPANT IN WHITE ON DARK BLUE BACKGROUND. THE SIGN SHALL NOT BE SMALLER THAN 10 SQUARE INCHES IN AREA AND, WHEN IN A PATH OF TRAVEL, SHALL BE POSTED AT A MINIMUM HEIGHT OF 80" FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISHED GRADE (FIGURE "A" BELOW)

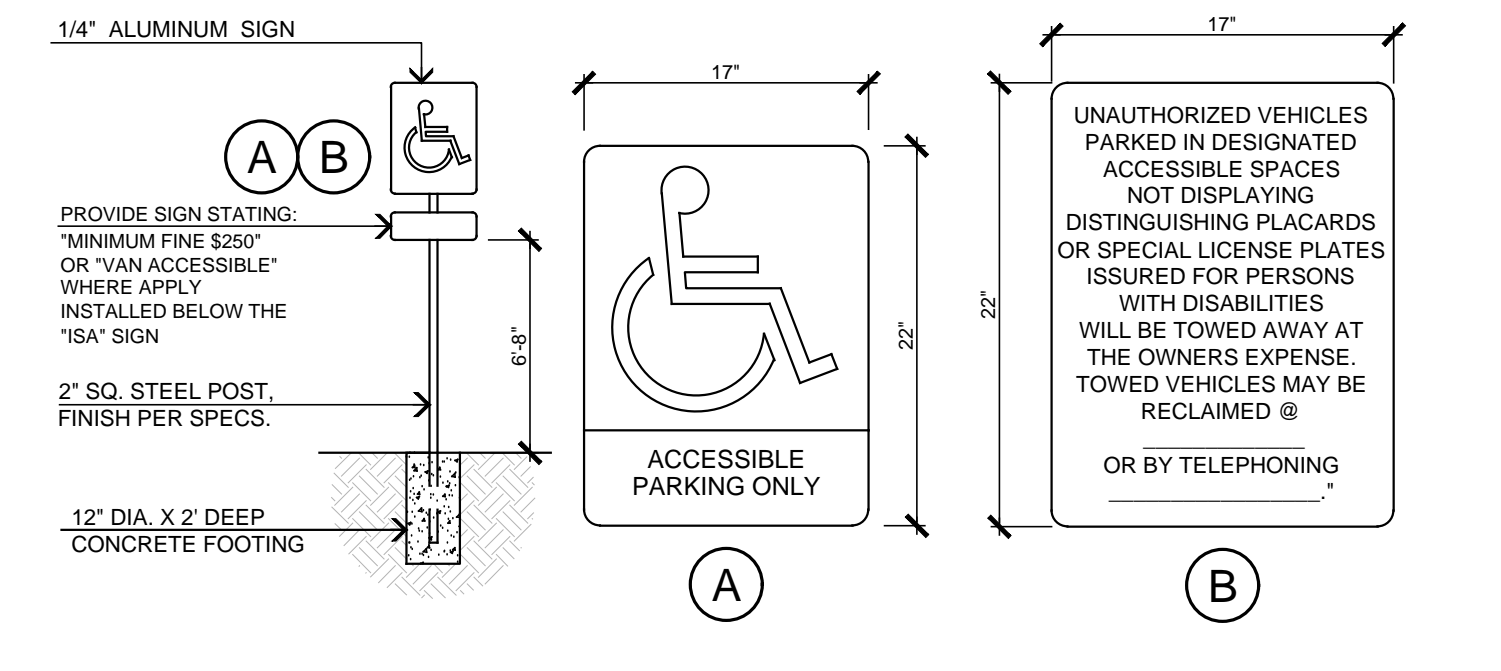
D. AN ADDITIONAL SIGN SHALL ALSO BE POSTED, IN A CONSPICUOUS PLACE, AT EACH ENTRANCE TO OFF-STREET PARKING FACILITIES, OR IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE. THE SIGN SHALL BE NOT LESS THAN 17" BY 22" IN SIZE, WITH LETTERING NOT LESS THAN 1" IN HEIGHT (FIGURE "B" BELOW). THE SIGN OF EACH ACCESSIBLE PARKING SPACE OR STALL SHALL HAVE A SURFACE IDENTIFICATION METHOD EITHER BY OUTLINING OR PAINTING THE STALL OR SPACE IN BLUE AND OUTLINING ON THE GROUND IN THE STALL OR SPACE IN WHITE OR SUITABLE CONTRASTING COLOR WITH OCCUPANT, OR BY OUTLINING A PROFILE VIEW OF WHEELCHAIR WITH OCCUPANT IN WHITE ON BLUE BACKGROUND. THE PROFILE VIEW SHALL BE LOCATED SO THAT IT IS VISIBLE TO A TRAFFIC ENFORCEMENT OFFICER WHEN A VEHICLE IS PROPERLY PARKED IN THE SPACE AND SHALL BE 36" HIGH BY 36" WIDE

E. ON DOORWAY LEADING TO SANITARY FACILITIES THE SYMBOLS TO PROVIDE ARE: 18" EQUILATERAL TRIANGLE FOR MEN, 12" DIAMETER CIRCLE FOR WOMEN, AND 12" DIAMETER CIRCLE WITH AN EQUILATERAL TRIANGLE SUPERIMPOSED ON THE CIRCLE FOR UNISEX. ALL DOOR SIGNS SHALL BE 1/4" THICK, CENTERED ON DOOR 80" HIGH, AND THE SIGNAGE COLOR AND CONTRAST SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE DOOR

F. WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, PROVIDE BRAILLE SIGN. SIGN SHALL BE ADJACENT TO THE LATCH SIDE OF THE DOOR. INSTALLED 48" TO 60" HIGH

G. BRAILLE SIGNS: USE CONTRACTED GRADE 2 BRAILLE. DOTS SHALL BE 1/10" ON CENTER IN EACH CELL. W/ 21/2" SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/16" ABOVE THE BACKGROUND. LETTERS AND NUMBERS SHALL HAVE A WIDTH TO HEIGHT RATIO OF BETWEEN 1:5 AND 1:10. LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED OR RECESSED 1/32" MINIMUM AND SHALL BE SAND-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE. RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8"

VAN ACCESSIBILITY SIGNAGE DETAILS 13



TRUNCATED DOMES DETAIL 14

11B-306.2.1 GENERAL

SPACE UNDER AN ELEMENT INTENDED TO BE USED BY PERSONS WITH DISABILITIES AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE IDENTIFIED WITH A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY

11B-306.2.2 MAXIMUM DEPTH

TOE CLEARANCE SHALL EXTEND 25 INCHES (635 MM) MAXIMUM UNDER AN ELEMENT

EXCEPTION: TOE CLEARANCE SHALL EXTEND 19 INCHES (483 MM) MAXIMUM UNDER LAVATORIES REQUIRED TO BE ACCESSIBLE BY SECTION 11B-213.4

11B-306.2.3 MINIMUM REQUIRED DEPTH

TOE CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17 INCHES (432 MM) MINIMUM UNDER THE ELEMENT

EXCEPTIONS:

1. THE TOE CLEARANCE SHALL EXTEND 19 INCHES (483 MM) MINIMUM UNDER SINKS REQUIRED TO BE ACCESSIBLE BY SECTION 11B-213.4

2. THE TOE CLEARANCE SHALL EXTEND 19 INCHES (483 MM) MINIMUM UNDER BUILT-IN DINING AND WORK SURFACES REQUIRED TO BE ACCESSIBLE

11B-306.2.4 ADDITIONAL CLEARANCE

SPACE EXTENDING GREATER THAN 6 INCHES (152 MM) BEYOND THE AVAILABLE KNEE CLEARANCE AT 9 INCHES (229 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL NOT BE CONSIDERED TOE CLEARANCE

11B-306.2.5 WIDTH

TOE CLEARANCE SHALL BE 30 INCHES (762 MM) WIDE MINIMUM

11B-306.2.6 DETECTABLE WARNINGS

CURB RAMPS, DETECTABLE WARNINGS AT CURB RAMPS SHALL EXTEND 36" IN THE DIRECTION OF TRAVEL AND SHALL EXTEND TO THE FULL WIDTH OF THE RAMP RUNS LESS THAN 2" MAX. ABOVE 11B-502.8.2.2

TRUNCATED DOMES SHALL BE A MINIMUM OF 2.5" IN COMPLIANCE WITH FIGURE 11B-705.1.1. THE DETECTABLE WARNING SHALL CONTRAST VISUALLY 1:3 WITH ADJACENT SURFACES, EITHER LIGHT OR DARK OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE CONTRAST SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE

ONLY APPROVED DGM-A/C DETECTABLE WARNING PRODUCTS AND DIRECTIONAL SURFACES SHALL BE INSTALLED AS PROVIDED IN COR. TITLE 24, PART 1, ARTICLES 2.3 AND 2.4

FOR ALL ZERO CURB FACE OR OTHER HAZARDOUS VEHICLE AREAS PER THE 2019 IBC 11B-505.4.5 - HAZARDOUS VEHICLE AREAS, IF A WALK, CROSSWALK OR ADJACENT VEHICULAR WAY, AND THE WALKING SURFACES ARE NOT SEPARATED BY CURBS, RAILINGS OR OTHER DETECTABLE WARNING PEDESTRIAN AREAS AND VEHICULAR AREAS, THE BOUNDARY BETWEEN THE AREAS SHALL BE DEFINED BY A CONTRAST DETECTABLE WARNING COMPLYING WITH SECTIONS 11B-705.1.1 AND 11B-705.1.2.5

1. DETECTABLE WARNING SHALL COMPLY WITH SECTION 11B-705.1.1.3.1

2. THE DETECTABLE WARNING SHALL BE YELLOW CONFORMING TO FS 3326 OF FEDERAL STANDARD 595C

TACTILE EXITING & R.R. ACCESSIBILITY SIGN DETAIL 15

SIGN KEY

DESCRIPTION

1 TACTILE SIGN STATING "EXIT"

2 TACTILE SIGN STATING "EXIT ROUTE"

3 INTERNATIONAL SYMBOL OF ACCESSIBILITY

4 INTERNATIONAL SYMBOL OF COMMUNICATION FEATURES

5 WALL MOUNTED TACTILE SIGN STATING "UNISEX"

6 DOOR MOUNTED TACTILE SIGN STATING "UNISEX"

BRAILLE NOTES: C.B.C. 11B-703.3 2019 CBC

GRADE 2 DOTS = 1/10" ON CENTER IN EACH CELL. W/ 21/2" SPACE BETWEEN CELLS MEASURED FROM THE SECOND COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF DOTS IN THE SECOND CELL. DOTS SHALL BE RAISED MIN. OF 1/16" ABOVE THE BACKGROUND. DOTS TO BE DOMED OR ROUNDED

BRAILLE SHALL BE PLACED A MIN. OF 3/8" AND MAX. OF 1/2" DIRECTLY BELOW THE CHARACTERS

1. SIGNS THAT IDENTIFY EXITS SHALL BE LOCATED ON THE APPROACH SIDE OF THE DOOR AS ONE EXITS THE ROOM OR SPACE

2. TACTILE EXITING SIGNS SHALL COMPLY WITH 11B-703 (2019) C.B.C.

3. MOUNTING HEIGHT OF SIGNS TO BE 60" A.F.F. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR, WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGN SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT

4. SIGNS THAT IDENTIFY EXITS SHALL BE LOCATED ON THE APPROACH SIDE OF THE DOOR AS ONE EXITS THE ROOM OR SPACE

WALL MOUNTED SIGNAGE TO BE LOCATED ON LATCH SIDE OF DOOR CLEAR OF DOOR-SWING CENTERLINE

CORRESPONDING GRADE II BRAILLE

THE TRIANGLE SYMBOL SHALL CONTRAST WITH THE CIRCLE SYMBOL, EITHER LIGHT ON A DARK BACKGROUND OR DARK ON A LIGHT BACKGROUND. THE CIRCLE SYMBOL SHALL CONTRAST WITH THE DOOR. CBC 11B-703 (2019) CBC

TRIANGLE 1/4" THICK SUPERIMPOSED ON 12" DIAMETER CIRCLE WITH ACCESSIBILITY EMBLEM

EGRESS SIGNS BY MEANS OF A STAIRWAY TO A GRADE LEVEL SHALL BE POSTED AT THE DOOR LEADING TO THE STAIRS

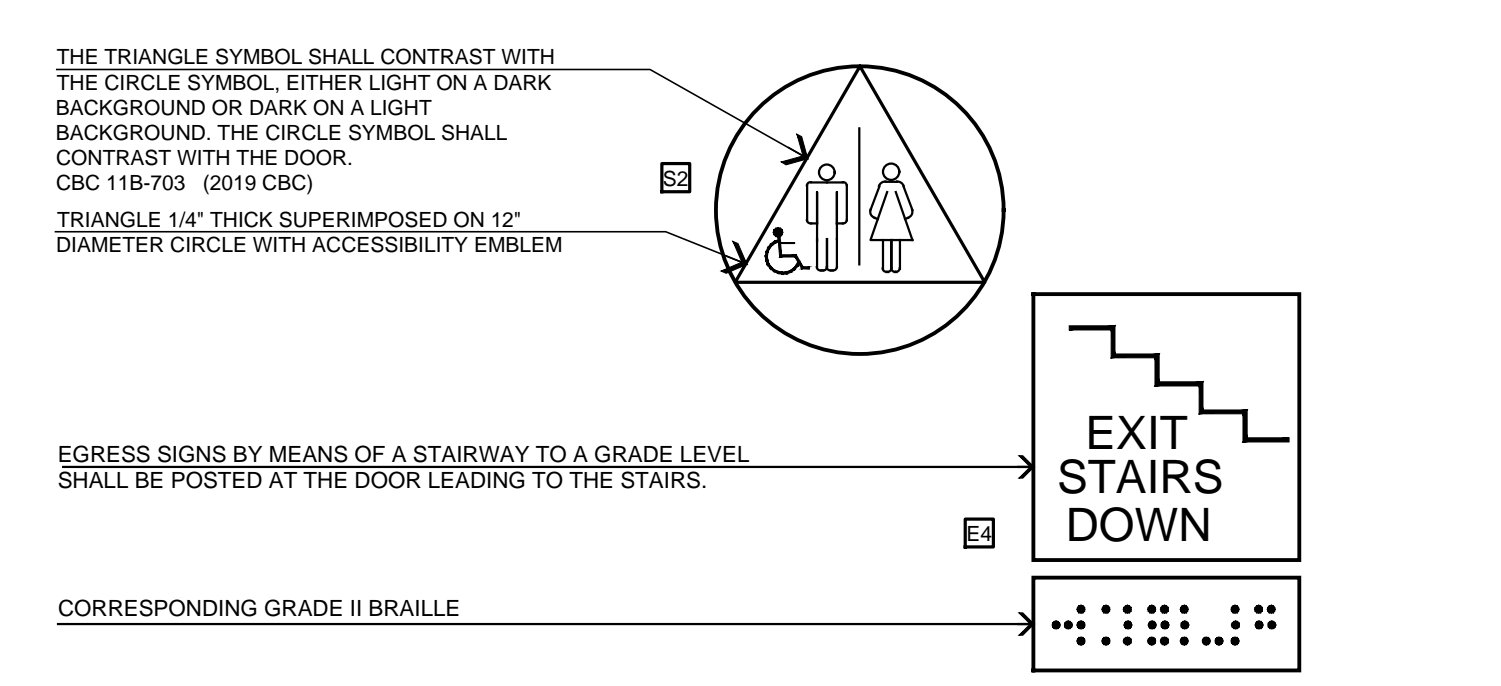
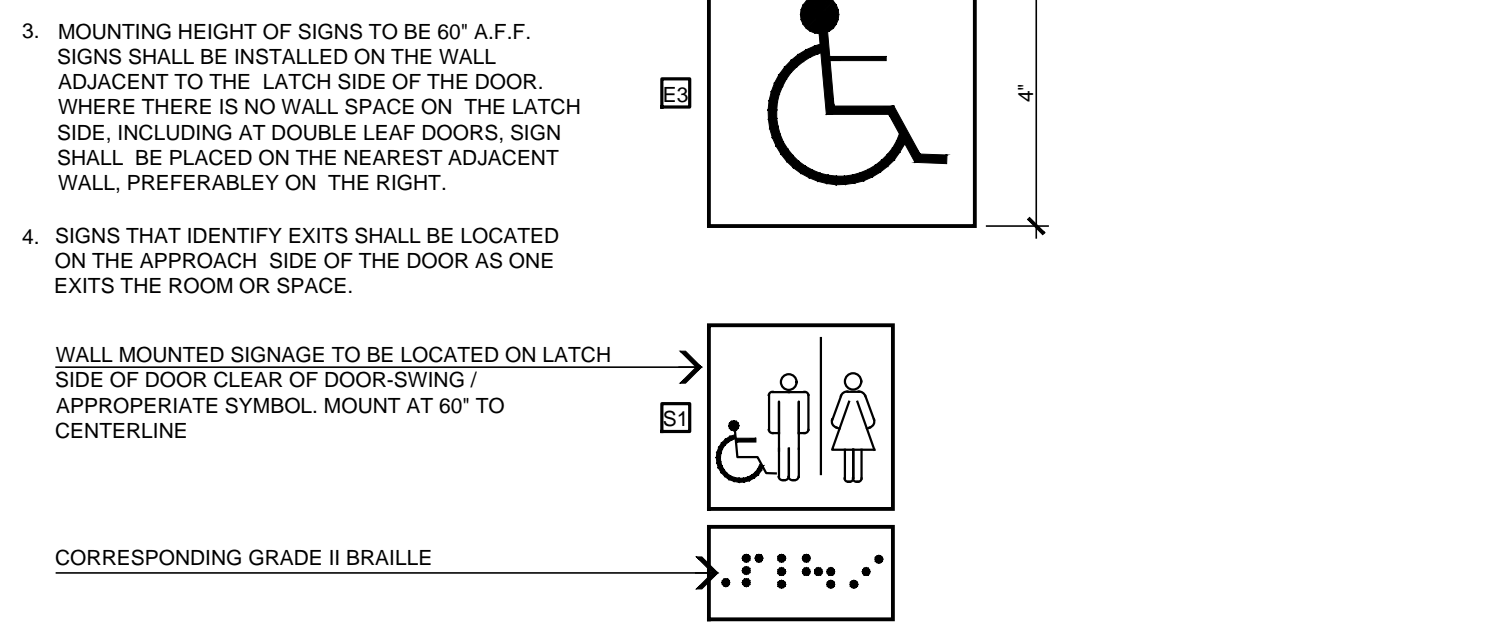
CORRESPONDING GRADE II BRAILLE

1. SIGNS THAT IDENTIFY EXITS SHALL BE LOCATED ON THE APPROACH SIDE OF THE DOOR AS ONE EXITS THE ROOM OR SPACE

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3. MOUNTING HEIGHT OF SIGNS TO BE 60" A.F.F. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR, WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGN SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT

4. SIGNS THAT IDENTIFY EXITS SHALL BE LOCATED ON THE APPROACH SIDE OF THE DOOR AS ONE EXITS THE ROOM OR SPACE



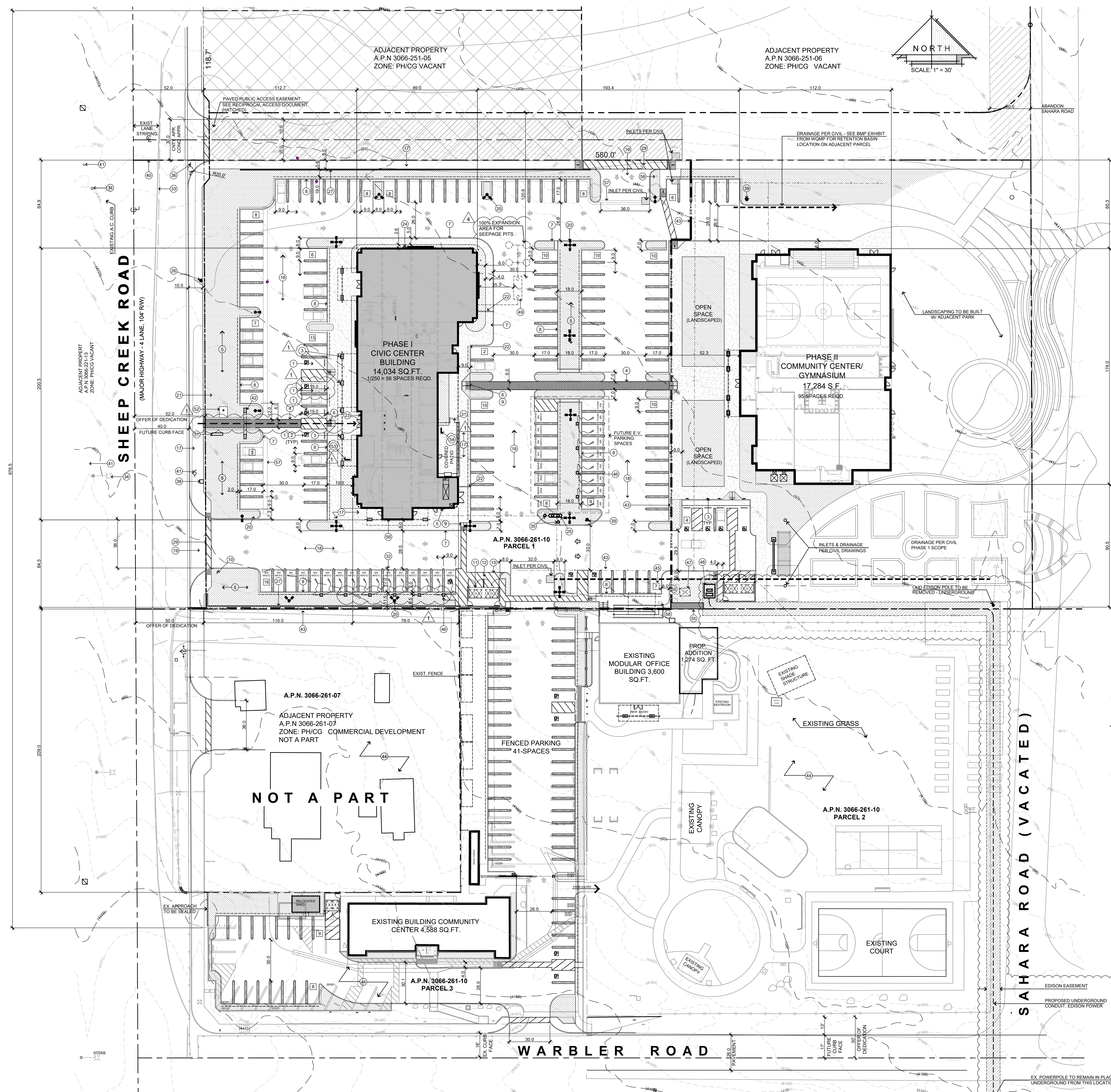
GRAB BARS 16

A. ONE AT SIDE 42" LONG EXTENDING 24" IN FRONT OF WATER CLOSET, ONE AT REAR 36" LONG, BOTH MOUNTED 33" ABOVE FLOOR

B. BARS SHALL BE 1-1/4" TO 1-1/2" IN DIAMETER WITH 1-1/2" CLEARANCE TO WALL

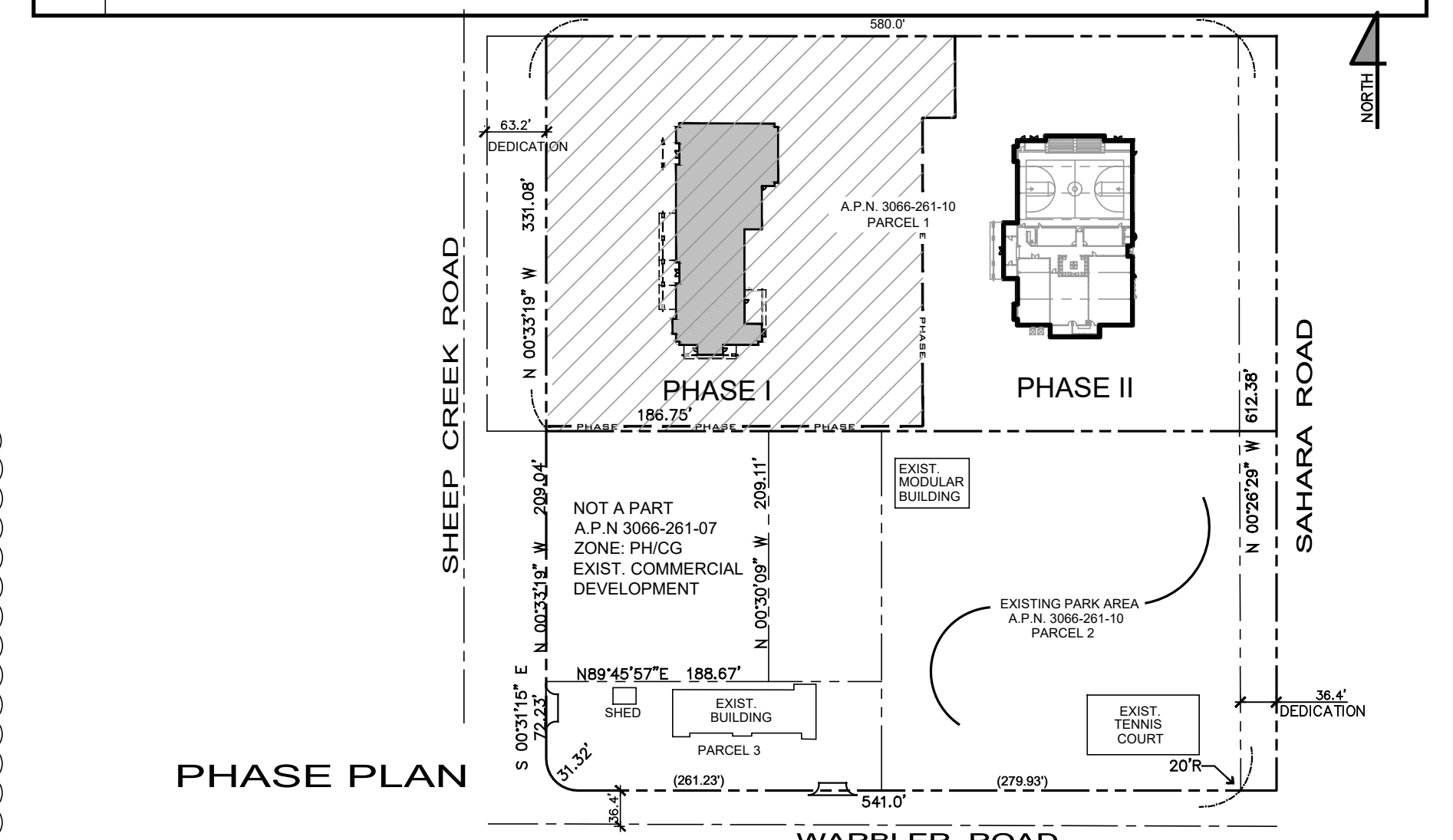
C. BAR FASTENERS AND MOUNTING SUPPORT SHALL BE ABLE TO WITHSTAND A 250 LBS/FT POINT LOAD IN BENDING, SHEAR AND TENSION

<p>11774 HESPERIA ROAD, SUITE B • HESPERIA, CA 92345 PHONE (760) 244-5001 • FAX (760) 244-1948 www.steen-design.com</p>	<p>DATE FINISHED MAY 2022</p>	<p>REVISIONS 1. REV. CODE: 02/14/22 BLDG. CODE: 02/14/22</p>	<p>THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA BUILDING CODE (CBC) AND THE 2019 ENERGY STANDARDS CODE (CESC).</p> <p>DESIGN AND LEAD ARCHITECT ANGEL STEEN, AIA PROJECT ARCHITECT ANGEL STEEN, AIA THE SOLE PROPERTY OF STEEN DESIGN STUDIO, INC. ANY USE IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT PROVIDED SHALL BE UNLAWFUL</p>	<p>PROJECT: CIVIC CENTER BUILDING</p> <p>PHELAN PIÑON HILLS C.S.D.</p> <p>SITE ADDRESS: A.P.N. 3066261-10 9535 SHEEP CREEK ROAD PHELAN, CA 92329</p>	<p>JOB NO. COM20-L01/01</p> <p>SHEET NAME: 2019 ACCESSIBILITY COMPLIANCE</p>	<p>PAGE AC-1</p> <p>CONTACT: DON BARTZ</p>
	<p>REGISTERED ARCHITECT ANGEL STEEN, AIA NO. 26448 STATE OF CALIF</p>					



PROJECT DATA	
ZONE: PER COUNTY MAP PH03A (PHICG) GENERAL COMMERCIAL	PARKING INFORMATION: SYMBOL INDICATING QTY OF STALLS: [X]
OVERLAYS: FLOOD PLAIN 1 (FP1) / FIRE SAFETY 2 (FS2)	REQUIRED PARKING STALLS:
OCCUPANCY: (A) ASSEMBLY & (S) STORAGE	PHASE 1: ADMIN BLDG @ 17250 GROSS FLR. AREA = 56 SPACES
CONSTRUCTION TYPE: I - B	ADMIN BLDG @ 14,034 SQ. FT. / 250
STORIES: 1-STORY	PHASE 2: MULTI-PURPOSE BUILDING 17,284 SQ. FT. = 29 SPACES
FIRE SPRINKLERS: YES	700 SQ. FT. OF SEATING @ 1250 SQ. FT.
A.P.N.: 3066-261-10	REMAINING BUILDING AREA = 17250
PTN. N.W. 1/4, SEC. 24 T.4N., R.7W.	18,578 SQ. FT. / 250
SITE ADDRESS: UNKNOWN	TOTAL REQUIRED PARKING STALLS (9x19) = 151 SPACES
ZONING SETBACKS: F.E.M.A. FLOOD ZONE	PROPOSED PARKING STALLS @ MIN. 9x19' = 155 SPACES
APPLICANT/OWNER: PHELAN/PINON HILLS C.S.D.	INCLUDES EV REQUIRED PARKING STALLS @ 9x19' = 16 SPACES
ARCHITECT/REPRESENTATIVE: STEENO DESIGN STUDIO, INC.	PROPOSED "ACCESSIBLE" PARKING STALL @ 9x19' W/ 8' UNLOADING ZONE = 11 SPACES
PO BOX 29409 4178 WARBLER RD. PHELAN, CA 92329-4049 PH: 760-868-1212 FAX: 760-868-2323	TOTAL PROVIDED PARKING STALLS = 165 SPACES
SITE INFORMATION:	ALLOCATED SPACES FOR EXISTING ADMIN BLDG. = 7 SPACES
PARCEL 1 GROSS AREA (4.65 AC.) = 202,925 SQ. FT. 100%	SURPLUS OF STALLS = 15 SPACES
PROPOSED: PROP. BUILDING AREA = 31,318 SQ. FT. 15.4%	FUTURE EVSE PARKING STALLS = 20 SPACES
ADMINISTRATIVE & REG. BUILDING = 35,654 SQ. FT. 17.6%	SITE ENGINEERING - PHASE 1
PROP. LANDSCAPED AREA = 136,092 SQ. FT. 67%	IMPERVIOUS SURFACE = 99,543 SQ. FT.
PROP. PAVING & CONC. (TOTAL) = 811 SQ. FT. NAP	NON-IMPERVIOUS SURFACE = 19,002 SQ. FT.
PROP. LANDSCAPING WITH-IN RW = 611 SQ. FT. NAP	DEVELOPED AREA = 118,543 SQ. FT.
	GRADING LIMITS = 515,432 SQ. FT.

KEYED NOTES	
1	VAN ACCESSIBLE PARKING SPACE, SEE DETAIL 4A ON SHEET AC-1
2	ACCESSIBILITY STALL EMBLEM PAINTED AS SHOWN
3	DISABLED ACCESSIBLE PARKING ONLY SIGN, SEE DETAIL 13 ON SHEET AC-1.
4	72" WIDE ADA PATH OF TRAVEL W/ DECORATIVE PAVERS
5	LANDSCAPED AREA - TO INCLUDE "HILLSIDE LANDSCAPING" AT PROJECT PERIMETER - SEE WOMP BMP EXHIBIT
6	TRUNCATED DOMES 36" DEEP X WIDTH OF RAMP OR LANDING
7	6" WIDE CONCRETE CURB.
8	6" WIDE CONCRETE CURB, W/ 2" PARKING NOSE OVER
9	ACCESSIBLE RAMP NOT TO EXCEED 8% SLOPE IN DIRECTION OF RUN AND 2% MAX CROSS SLOPE
10	WARNING SIGNAGE REGARDING UNAUTHORIZED USE OF DISABLED PARKING SPACES
11	DBL. SYD. BIN TRASH ENCLOSURE PER COUNTY STANDARDS (6' HIGH)
12	REINFORCED CONCRETE PAD W/ 2% MAXIMUM SLOPE AWAY FROM TIE
13	STRIPPED LOADING ZONE
14	TRAFFIC FLOW DIRECTIONAL ARROWS PAINTED ON PAVING AS SHOWN ON PLAN
15	DOUBLE STRIPPED PAINTED PARKING STALL STRIPE
16	BUILDING COLUMNS AND OVERHANG
17	PROPOSED CONC. SIDEWALK PER COUNTY STANDARD 109 TYPE C
18	PROPOSED CONCRETE OR A.C. PAVING PER GEO-TECH REPORT
19	PROPOSED CONC. DRIVEWAY APPROACH PER COUNTY STANDARD 129-B AND LOCATED PER SAN BERNARDINO COUNTY STANDARD 130
20	20" HIGH SITE LIGHT STANDARD
21	PROPOSED MONUMENT SIGN 4' HIGH & 36SQ. FT., MAX UNDER SEPARATE PERMIT
22	ROOF DRAIN PIPES UNDER SIDEWALK
23	S.B.C.F.D. KNOX BOX
24	PROPOSED GAS METER
25	PROPOSED DOUBLE DETECTOR CHECK VALVE ASSEMBLY
26	RELOCATED EX. FIRE HYDRANT
27	PROPOSED MASONRY BLOCK WALL MAX. 6' HI. SEE GRADING PLAN FOR HEIGHTS. UNDER SEPARATE PERMIT
28	6" DIA. CONC. FILLED STEEL BOLLARDS
29	ACCESSIBILITY EASEMENT ACROSS DRIVE APPROACH @ HATCHED AREA
30	DASHED LINE OF EASEMENT / B.S.L.
31	5' HIGH WROUGHT IRON FENCE W/ GATE W/ PANIC HARDWARE
32	PROVIDE (16) DESIGNATED PARKING STALL FOR FUEL EFFICIENT VEHICLES WITH THE WORDS "CLEAN AIR VEHICLE" PAINTED IN THE SAME STALL STRIPING PAINT & BUGH THAT THE LAST WORD ALIGNS WITH THE END OF THE STALL STRIPING AND IS VISIBLE BENEATH A PARKED VEHICLE. GREEN CODE 5.106.5.2
33	EXISTING EDGE OF PAVEMENT
34	EX. STREET LIGHT TO REMAIN
35	PROPOSED F.D.C. & P.I.V. FOR FIRE SPRINKLERS
36	EX. FIRE HYDRANT TO BE RELOCATED
37	FLOW LINE, SEE GRADING PLANS
38	EX. WATER METER
39	PROPOSED FIRE HYDRANT
40	LINE OF EXISTING PROPERTY LINE TO BE DEDICATED
41	EX. FIRE HYDRANT TO REMAIN
42	PROJECT ENTRY PORTAL, SEE SHEET A-1.1
43	LINE OF PROJECT PHASING
44	EXISTING DEVELOPMENT
45	7 PARKING SPACES RESERVED FOR EXISTING OFFICE
46	PROVIDE 10 - 40 AMP. DUAL EVSE CHARGING PEDESTAL FOR (20) OVERALL EV PARKING STALL. GREEN CODE 5.106.5.3.3
47	EXISTING ELECTRICAL TRANSFORMER TO BE REMOVED, SEE ELECTRICAL SHEETS
48	PROP. ELECTRIC TRANSFORMER
49	TRAFFIC RATED 3,800 GAL. SEPTIC TANK W/ (2) 28" DEEP 5' DIAMETER SEEPAGE PITS, WITH DISTRIBUTION BOX AND 100% EXPANSION AREA PER EHS APPROVED PERC REPORT. THE DEPTH OF THE SEEPAGE PIT SHALL BE MEASURED BELOW THE SEWER PIPING INLET. ALL COMPONENTS TO BE DESIGNED FOR VEHICULAR TRAFFIC FOR STANDARD H-20 WHEEL LOADING
50	REPLACE EXISTING 800 AMP SERVICE W/ NEW 4000 AMP SERVICE
51	PROPOSED INTERNALLY LIT MONUMENT SIGN - UNDER DEFERRED SUBMITTAL
52	50" TAPERED FLAG POLE ON 6'-0" X 8'-0" CONCRETE PAD
53	SHORT-TERM BICYCLE PARKING - PROVIDE PERMANENTLY ANCHORED BICYCLE RACKS WITHIN 200 FT. OF THE VISITORS' ENTRANCE, READILY VISIBLE TO PASSERS BY, FOR 5% OF NEW VISITOR MOTORIZED VEHICLE PARKING SPACES BEING ADDED, WITH A MIN. OF (1) TWO-BIKE CAPACITY RACK.
54	LONG-TERM BICYCLE PARKING - PROVIDE SECURE BICYCLE PARKING FOR 5% OF MOTORIZED VEHICLE PARKING CAPACITY W/ A MIN. OF (1) SPACE. ACCEPTABLE PARKING FACILITIES SHALL BE CONVENIENT FROM THE STREET.
55	PROP. 4000 AMP ELECTRIC SERVICE
56	LINE OF BUILDING - TO HOUSE OPERATIONS & MAINTENANCE FOR (PER THE WOMP BMP EXHIBIT), LANDSCAPE INSPECTION, SPILL KIT INSPECTION, & EFFICIENT IRRIGATION
57	GUTTER - SEE CIVILS
58	STORM DRAIN SIGNAGE PER WOMP BMP EXHIBIT



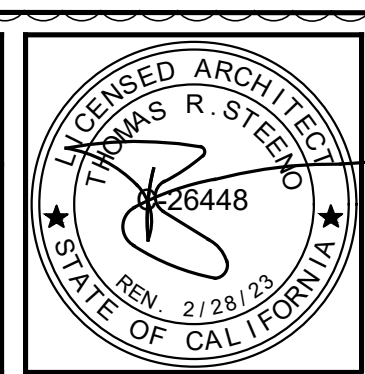
SITE PLAN
SCALE = 1:30

- NOTE:
1. 5.106.5.2.1 PARKING STALL MARKING. PAINT IN THE PAINT USED FOR STALL STRIPING, THE FOLLOWING CHARACTERS SUCH THAT THE LOWER EDGE OF THE LAST WORD ALIGNS WITH THE END OF THE STALL STRIPING AND IS VISIBLE BENEATH A PARKED VEHICLE: CLEAN AIR VEHICLE
 2. AN ACCESSIBLE ROUTE SHALL NOT TRAVEL BEHIND PARKING OTHER THAN HIS/ HER OWN.

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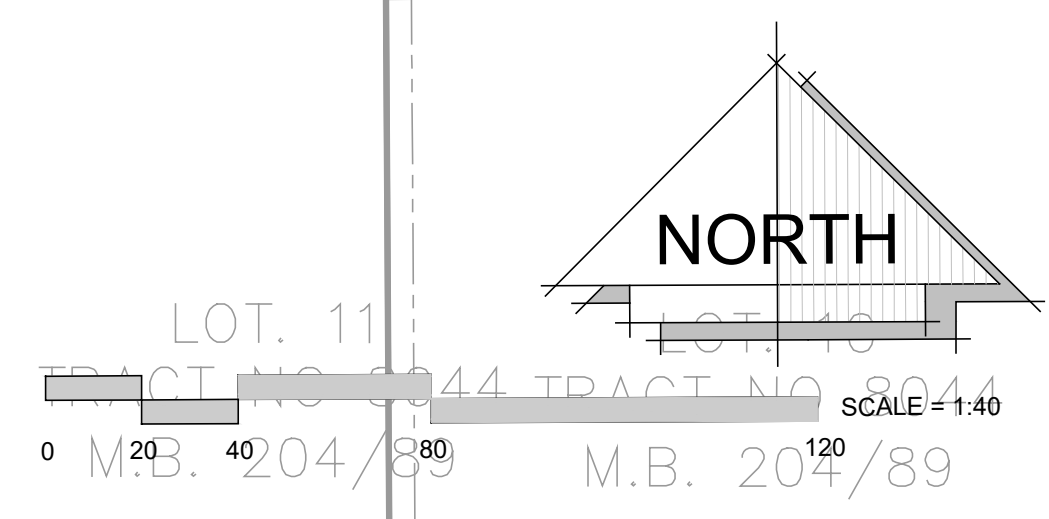
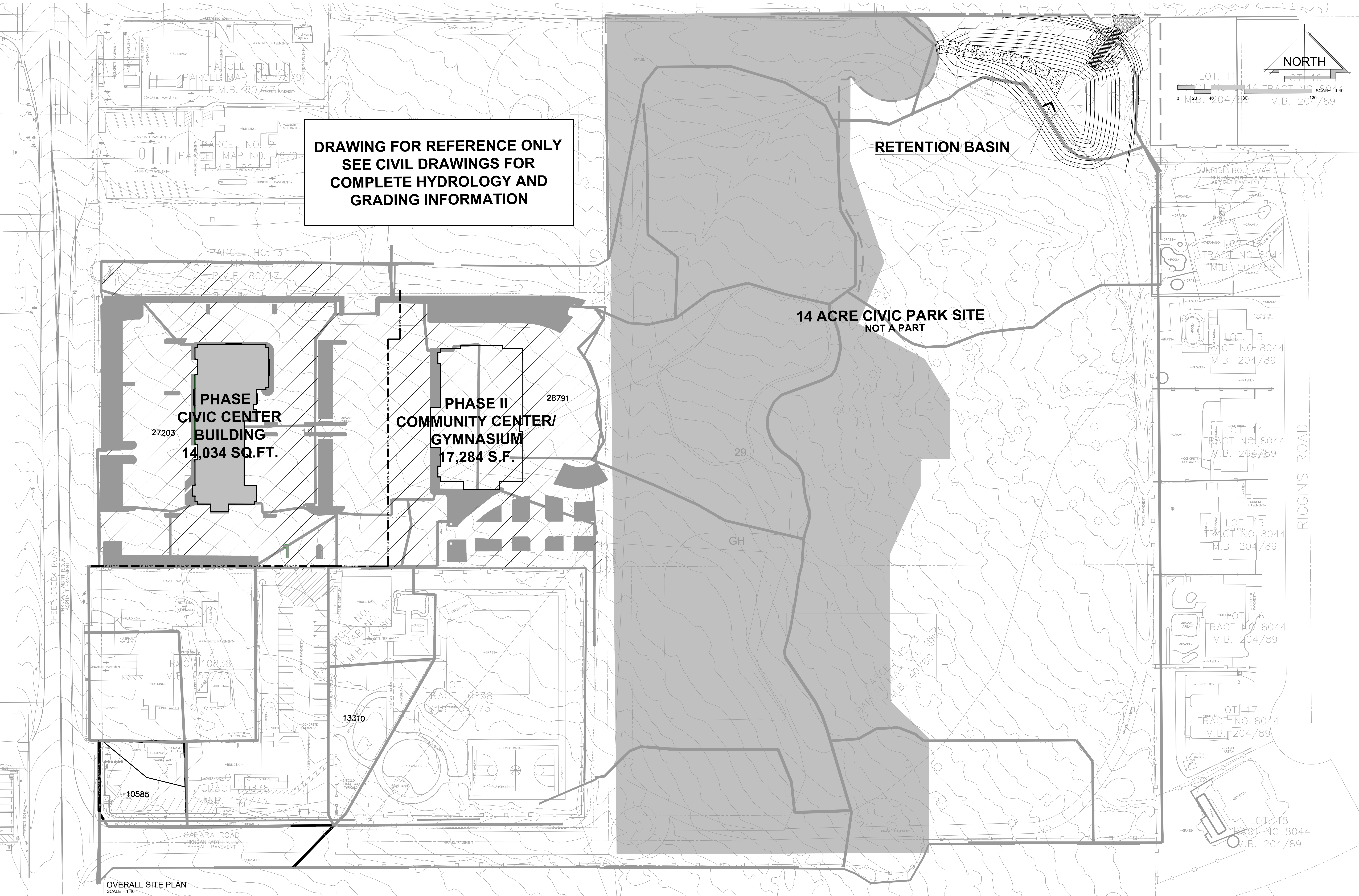
DATE FINISHED MAY 2022
REVISIONS
1. BLDG. CODE 021422
2. BLDG. CODE 021422
3. ELECTRICAL_093022
4. SEPTIC_100322
5. ADDENDUM TO STRUCTURAL_01242223

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PROJECT: CIVIC CENTER BUILDING
PHELAN PIÑON HILLS C.S.D.
SITE ADDRESS: A.P.N. 3066-261-10 9535 SHEEP CREEK ROAD, PHELAN, CA 92329
CONTACT: DON BARTZ

JOB NO. COM20-L01/01	PAGE A-0
SHEET NAME: SITE PLAN	



**DRAWING FOR REFERENCE ONLY
SEE CIVIL DRAWINGS FOR
COMPLETE HYDROLOGY AND
GRADING INFORMATION**

**PHASE I
CIVIC CENTER
BUILDING
14,034 SQ.FT.**

**PHASE II
COMMUNITY CENTER/
GYMNASIUM
17,284 S.F.**

**14 ACRE CIVIC PARK SITE
NOT A PART**

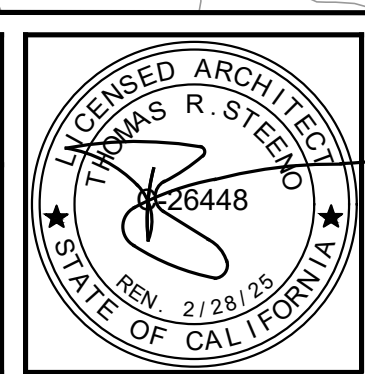
RETENTION BASIN

**OVERALL SITE PLAN
SCALE = 1/40**

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DATE FINISHED MAY 2022
REVISIONS
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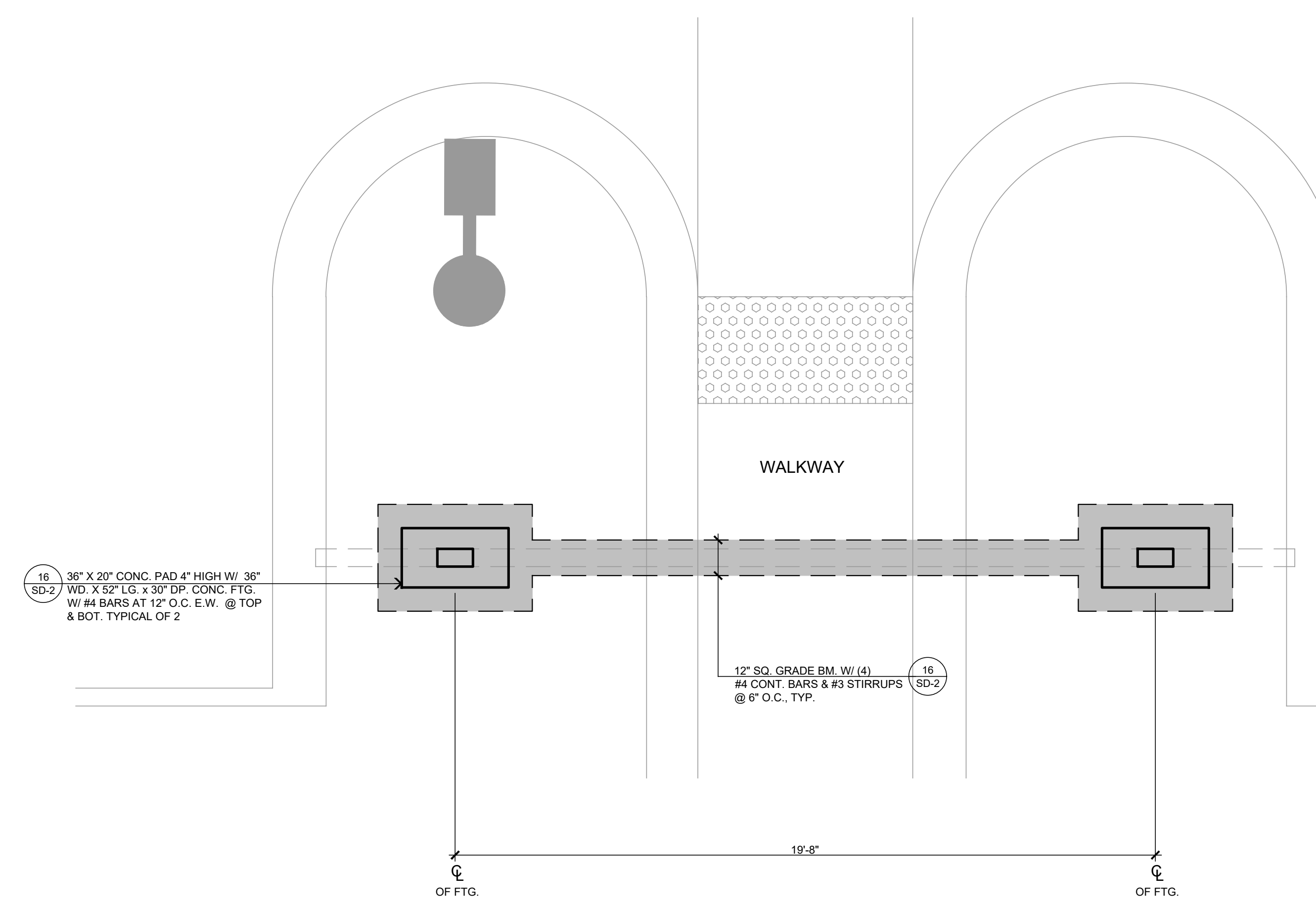
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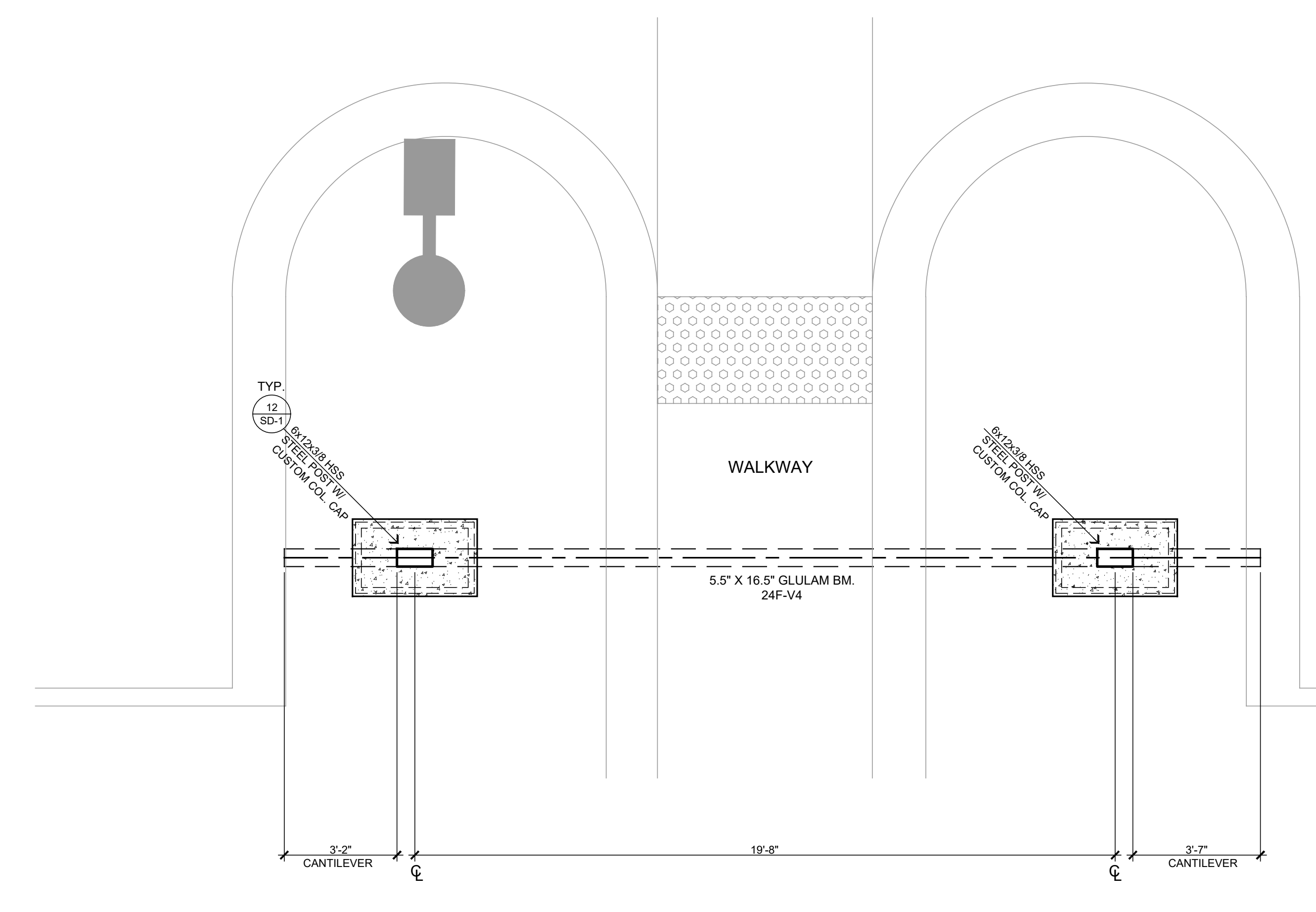
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PHELAN PIÑON HILLS C.S.D.
SITE ADDRESS: A.P.N. 3086-261-10 9535 SHEEP CREEK ROAD PHELAN, CA 92329
CONTACT: DON BARTZ

JOB NO. COM20-L01/01	PAGE A-0.1
SHEET NAME: OVERALL SITE PLAN	

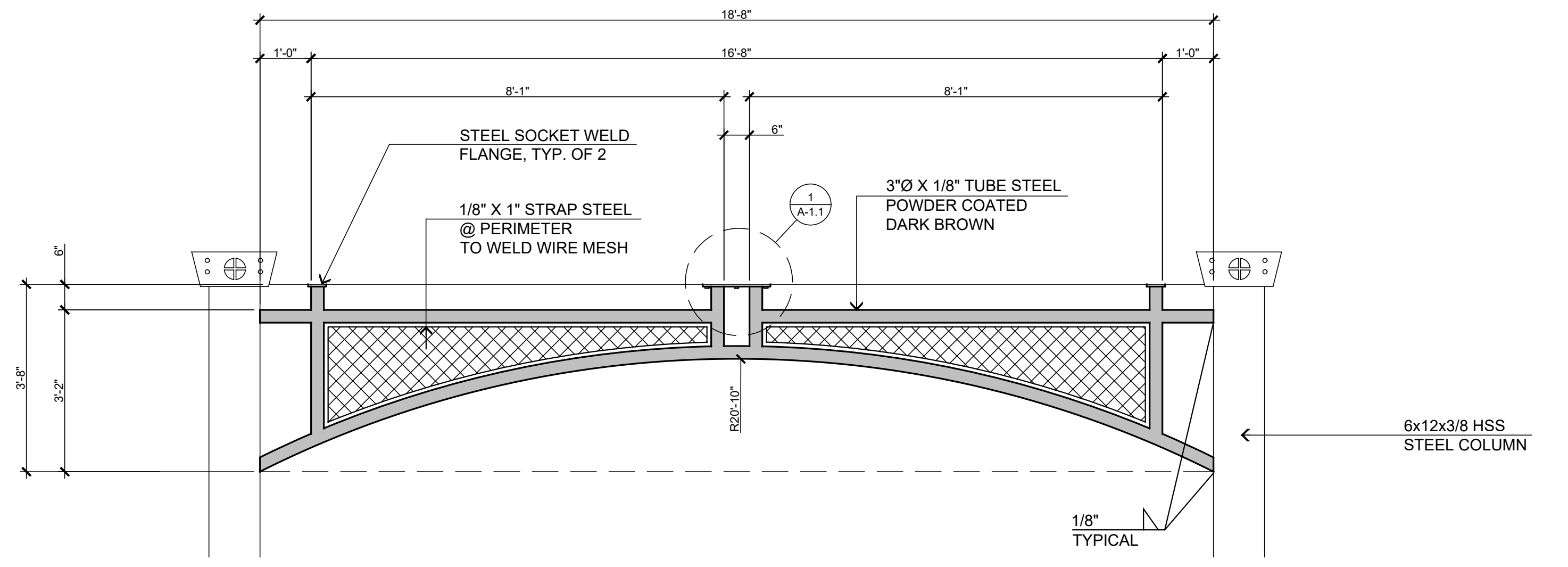
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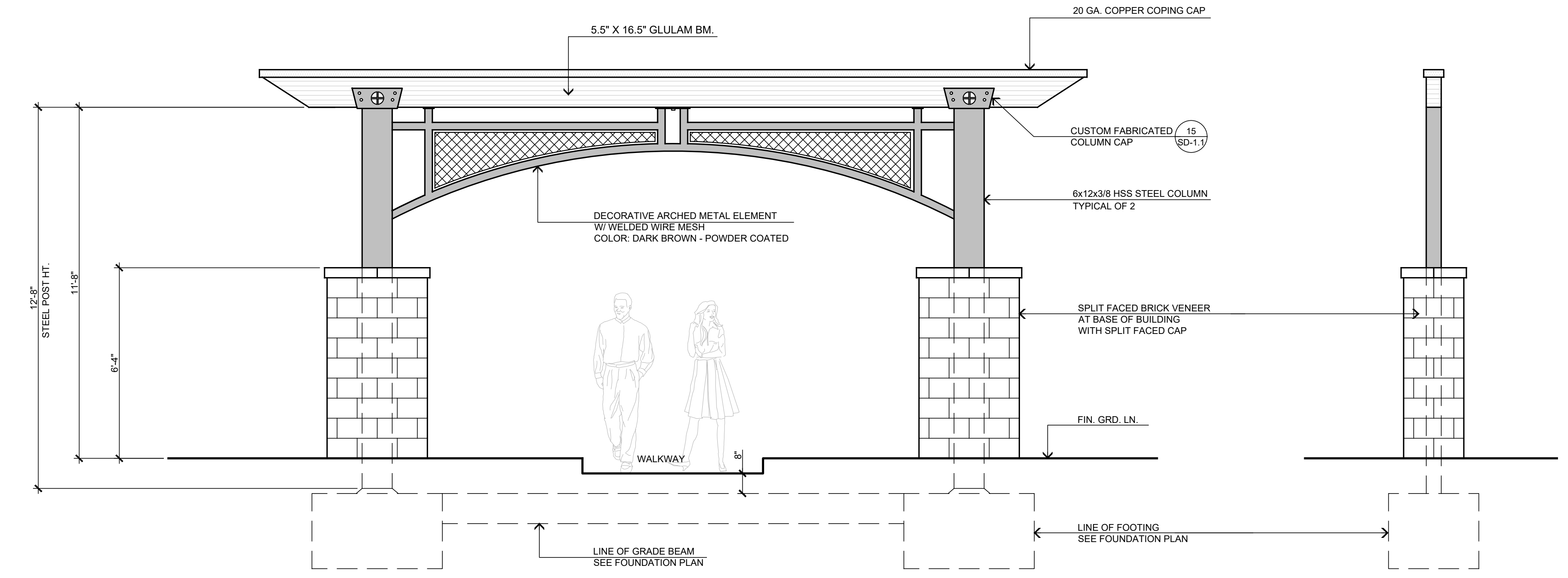
ENTRY PORTAL FOUNDATION PLAN
SCALE: 3/8" = 1'-0"



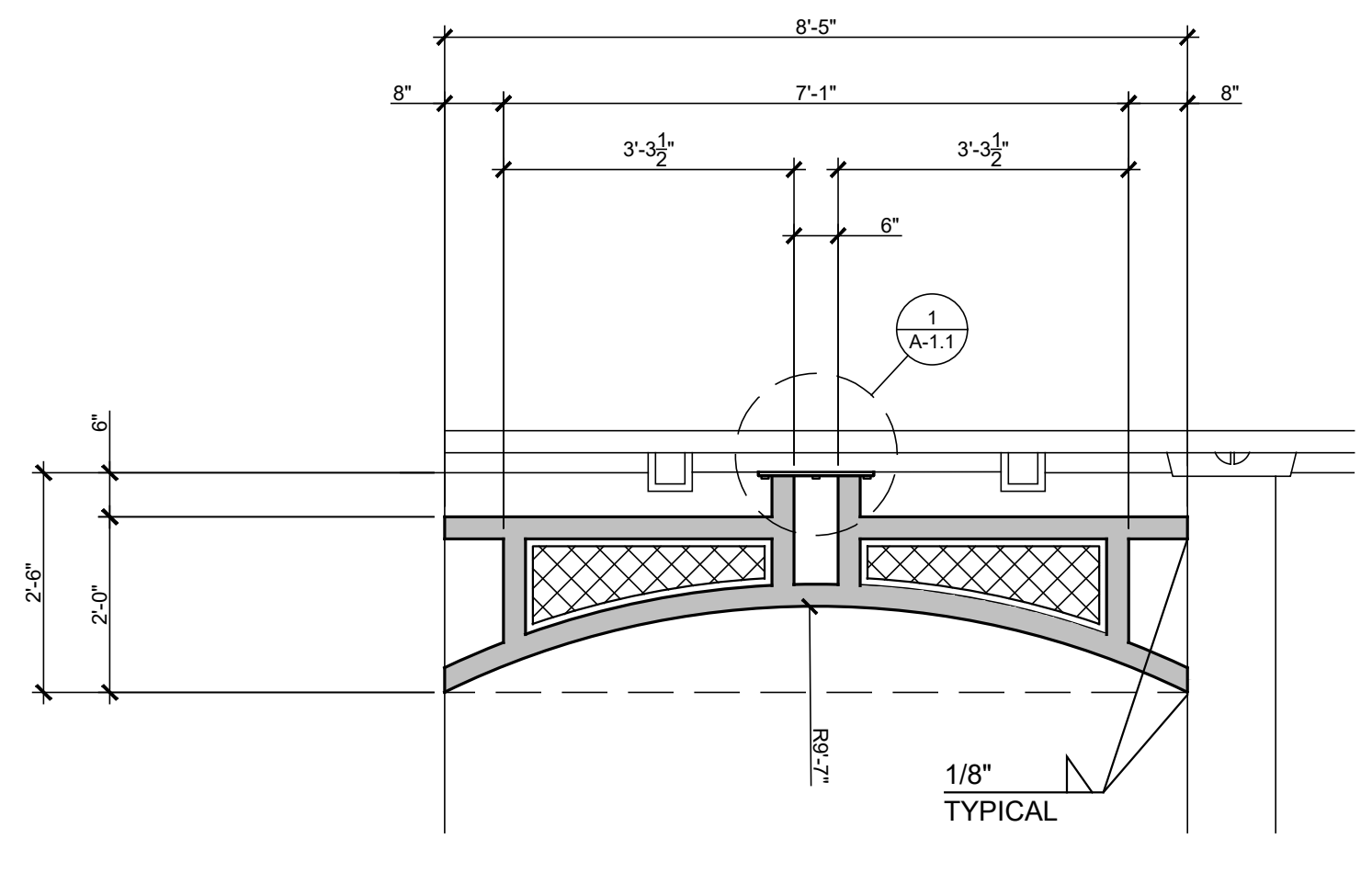
ENTRY PORTAL STRUCTURAL PLAN
SCALE: 3/8" = 1'-0"



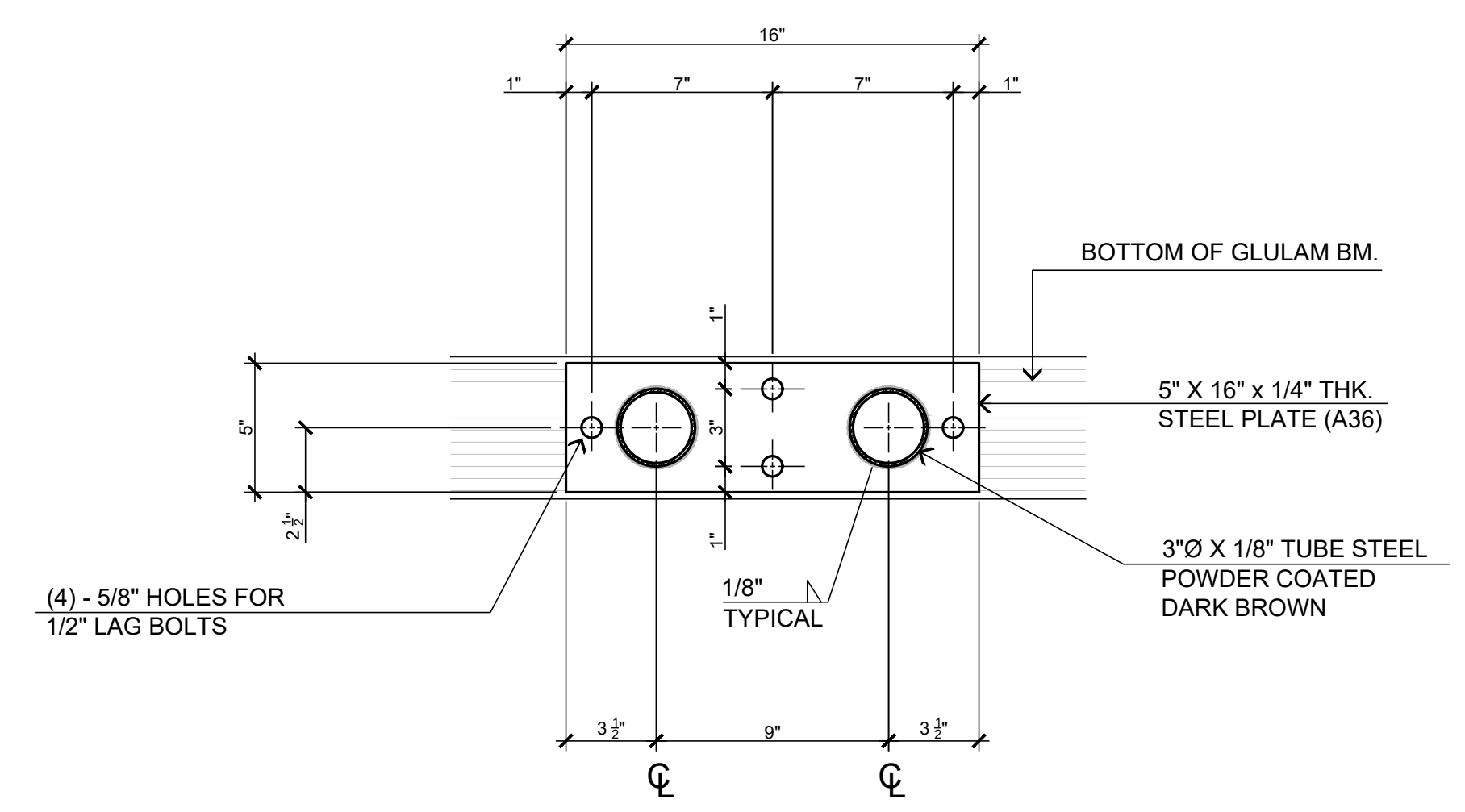
PROFILE "A"
LOCATION: ENTRY PORTAL & FRONT PORCHES
QTY.: 2



ENTRY PORTAL FRONT/ REAR ELEVATION
SCALE: 3/8" = 1'-0"



PROFILE "B"
LOCATION: COVERED ENTRY @ VESTIBULE
QTY.: 2



STEEL TUBE TO BEAM DETAIL
SCALE: 1 3/4" = 1'-0"

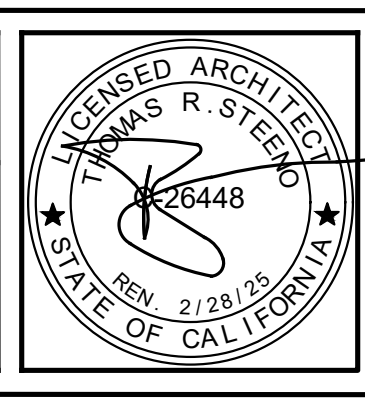
1
A-1.1

ARCHED METAL PROFILE
SCALE: 1/2" = 1'-0"

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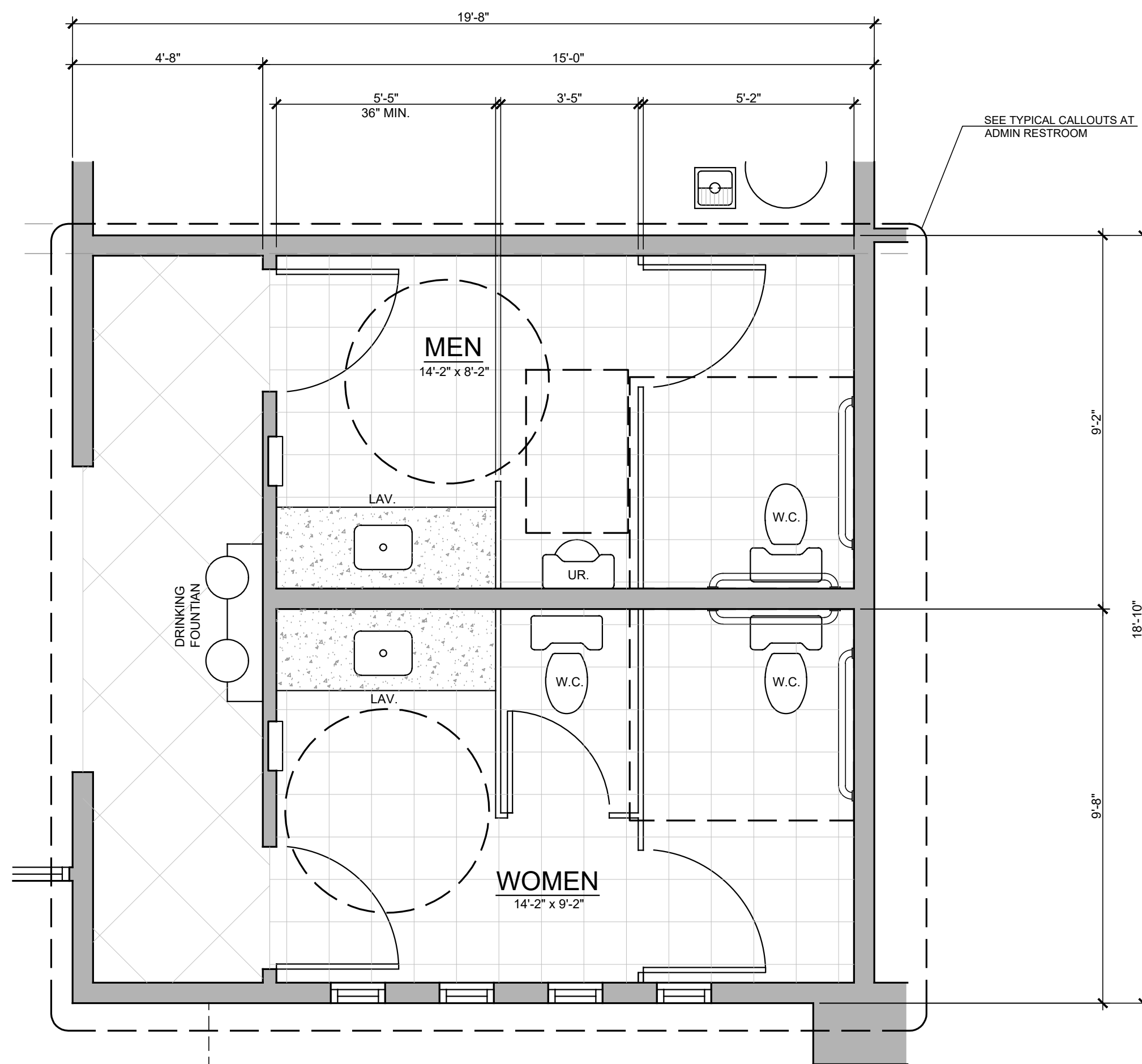
DATE FINISHED MAY 2022
REVISIONS
BLDG. CODE 091402
BLDG. CODE 080602
ELECTRICAL 090302
SEPTIC 102722
ADDENDUM TO STRUCTURAL 01242023

THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA BUILDING CODE (CBC) AND THE 2019 CALIFORNIA ELECTRICAL CODE (CEC) AND THE 2019 ENERGY STANDARDS CODE (ESC). THESE DOCUMENTS AND THE DESIGN AND IDEAS INCORPORATED HEREIN AS AN INSTRUMENT OF PROFESSIONAL SERVICE ARE THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY USE IN WHOLE OR IN PART FOR WHICH THEY WERE NOT ADVISED SHALL BE ILLEGAL.

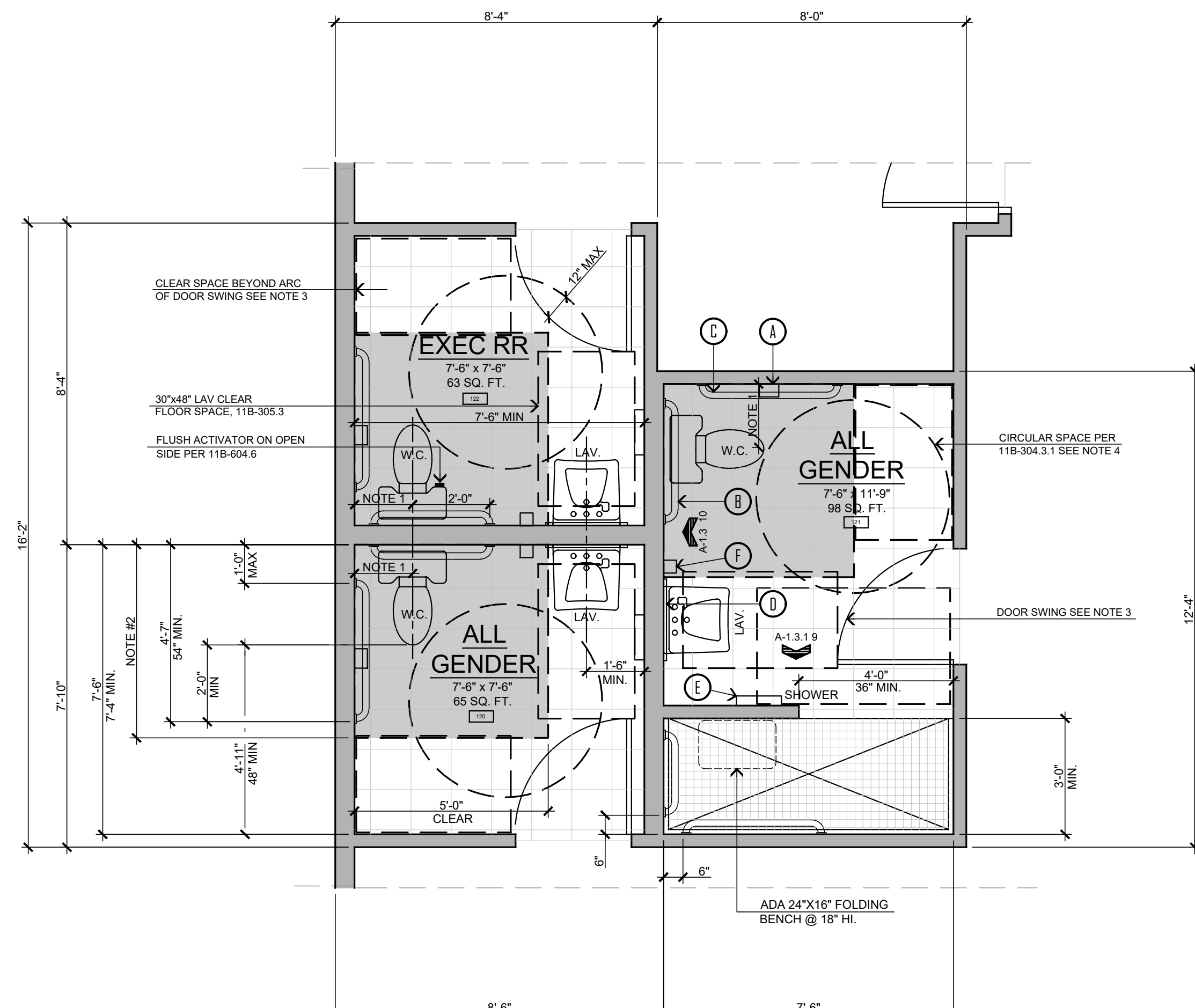


PROJECT: CIVIC CENTER BUILDING
PHELAN PIÑON HILLS C.S.D.
SITE ADDRESS: A.P.N. 3068-261-10 6638 SHEEP CREEK ROAD PHELAN, CA 92329
CONTACT: DON BARTZ

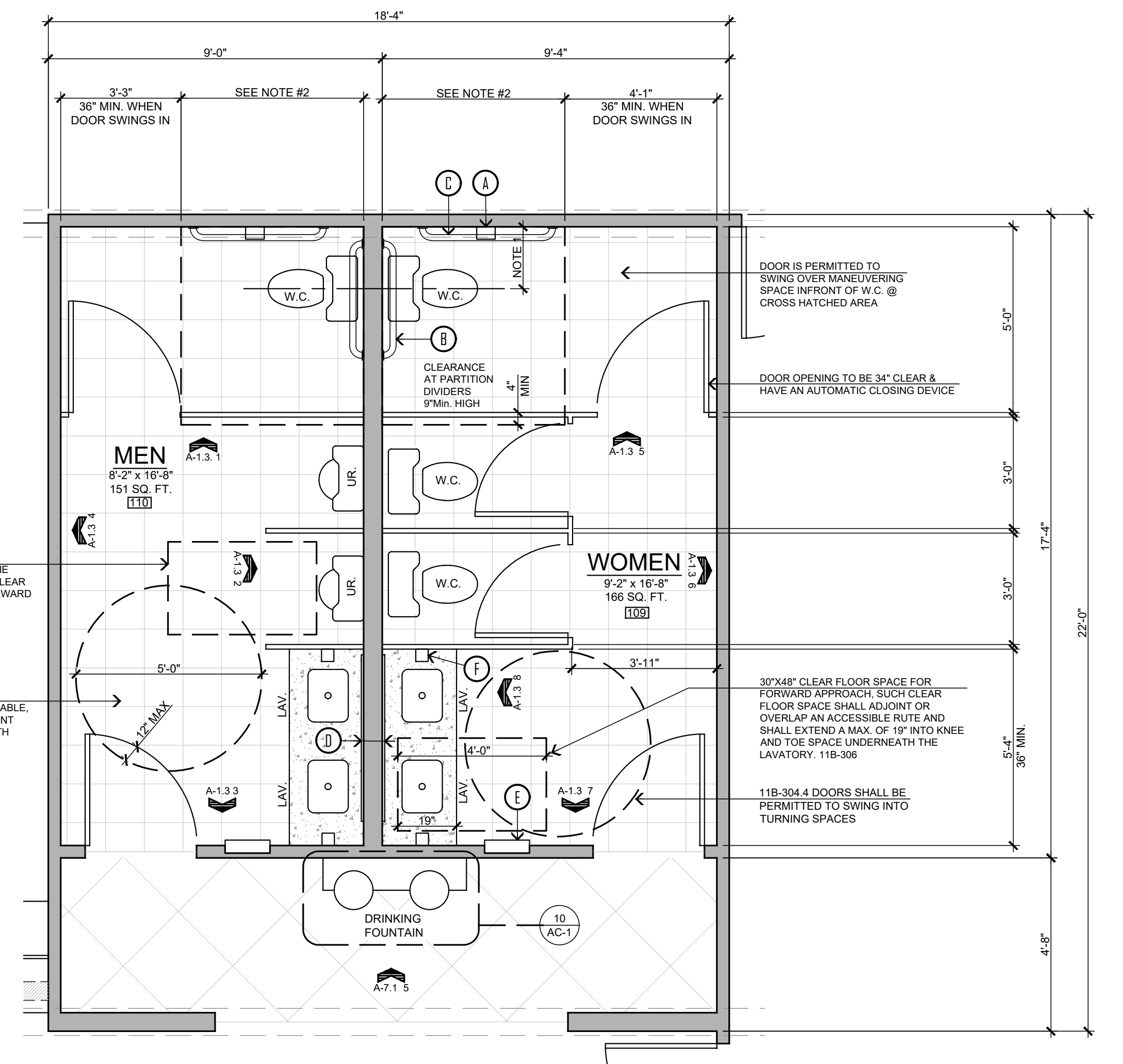
JOB NO. COM20-L01/01	PAGE A-1.1
SHEET NAME: ENTRY PORTAL PLANS	



RESTROOM AT EXPANSION AREA
SCALE: 3/8" = 1'-0"



EXEC. & ALL GENDER RESTROOMS
SCALE: 3/8" = 1'-0"



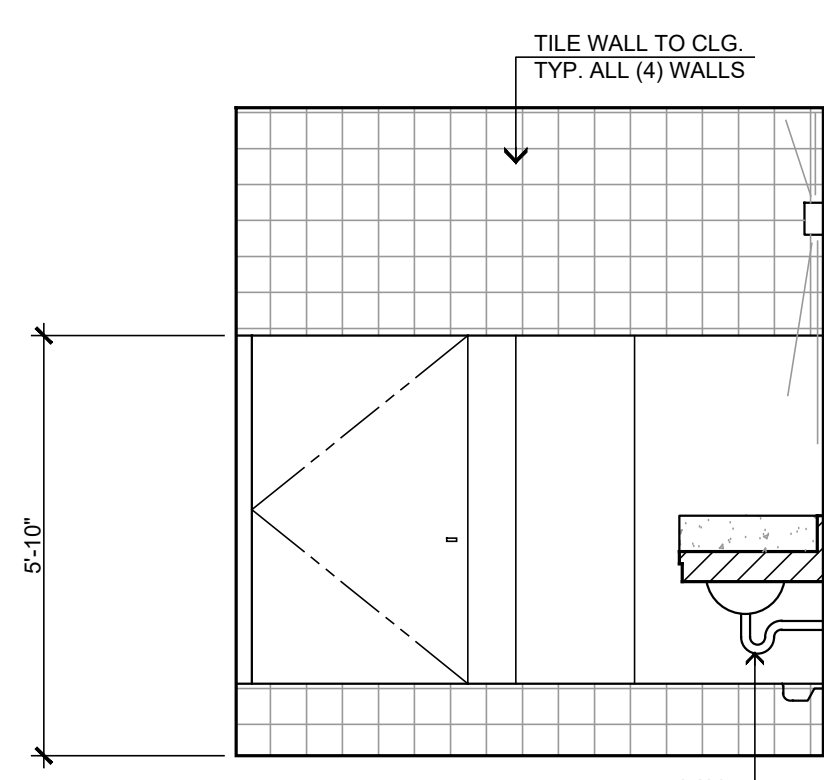
RESTROOM AT ADMIN
SCALE: 3/8" = 1'-0"

HARDWARE ACCESSORY SCHEDULE

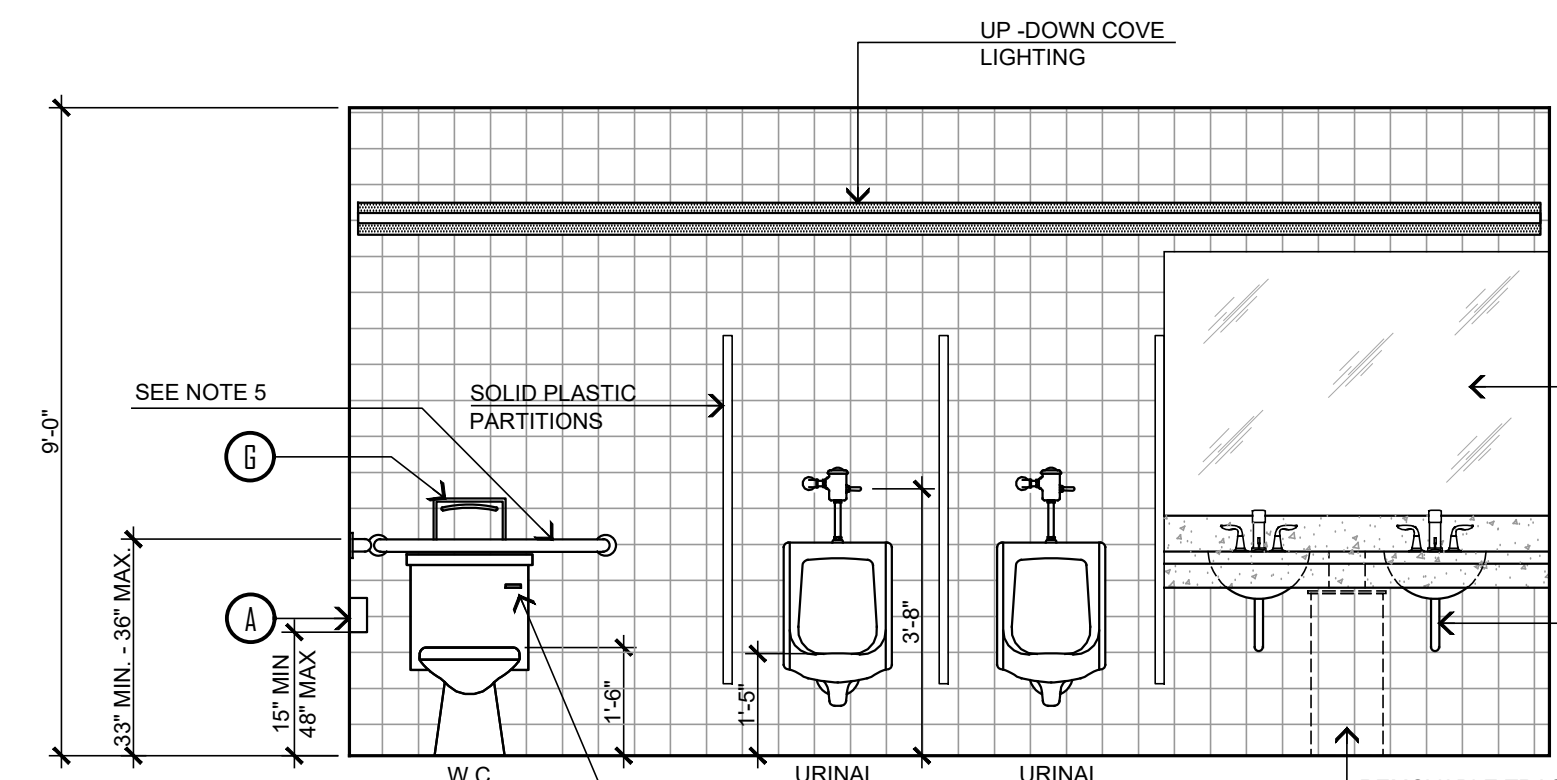
- A. MULTI-ROLL STAINLESS STEEL TOILET TISSUE DISPENSER: BOBRICK NO. B-2888, SURFACE MOUNTED, CAST ALUMINUM, SATIN FINISH.
- B. GRAB BARS- BOBRICK S-S SERIES, 3/8" LG. MIN. 1 1/4" - 1 1/2" DIA., SATIN FINISH, SURFACE MOUNTED, CONCEALED FLANGE.
- C. GRAB BAR- BOBRICK S-S SERIES, 3/8" LG. MIN. 1 1/4" - 1 1/2" DIA., SATIN FINISH, SURFACE MOUNTED, CONCEALED FLANGE.
- D. 1/4" PLATE GLASS MIRROR, ANGLE CUT AS SHOWN, OMIT TILE IN PLACE SLUR FLUSH, MASTIC TO WALL, SILICONE AROUND PERIMETER TO BE MOUNTED 40" MAX. ABOVE FINISHED FLOOR.
- E. SEMI-RECESSED PAPER TOWEL DISPENSER & WASTE RECEPTACLE: BOBRICK NO. B-394, 22GA. STAINLESS STEEL FINISH, SATIN STAINLESS STEEL, 12 GALLON WASTE CAPACITY, RECESS DEPTH REQUIRED: 4" SIZE: 17 3/16" X 56", CENTERED IN THE WALL.
- F. SURFACE MOUNTED SOAP DISPENSER: BOBRICK NO. B-212, 20 GA. STAINLESS STEEL W/ SATIN FINISH, MOUNT W/ VALVE 6" TO RIGHT OR LEFT OF LAVATORY CENTER, PROVIDE 4" MIN. CLEARANCE FROM THE LID TO UNDERSIDE OF ANY HORIZONTAL PROJECTION.
- G. SANITARY PAPER TOILET SEAT COVERS: DISPENSER BOBRICK NO. B-221, 20GA. STAINLESS STEEL FINISH SATIN STAINLESS STEEL, CAPACITY: 250 PAPER TOILET SEAT COVERS MOUNTING HEIGHT: 4" A.F.F. TO TOP OF UNIT.
- H. SOLID SURFACE COUNTER TOP W/ 6" SPLASH, 6" SHORT, INTEGRAL BOWL, GRANITE STYLE MATERIAL.
- I. MEN'S SYMBOL TO BE INSTALLED ONTO FRONT SIDE OF DOOR.
- J. WOMEN'S SYMBOL TO BE INSTALLED ONTO FRONT SIDE OF DOOR.
- K. DOORS TO HAVE SELF CLOSING MECHANISMS.
- L. COAT HOOKS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN SECTION 11B-306.
- M. SHELVES SHALL BE LOCATED 40" MIN. & 48" MAX. A.F.F.
- N. MEDICINE CABINETS SHALL BE LOCATED WITH A USABLE SHELF NO HIGHER THAN 44" MAX. A.F.F. (11B-603.4).
- O. WHERE TOWEL OR SANITARY NAPKIN DISPENSERS, WASTE RECEPTACLES, OR OTHER ACCESSORIES ARE PROVIDED IN TOILET FACILITIES, AT LEAST ONE OF EACH TYPE SHALL BE LOCATED ON AN ACCESSIBLE ROUTE, ALL OPERABLE PARTS, INCLUDING COIN SLOTS, SHALL BE 40" MAX. A.F.F. BABY CHANGING STATIONS ARE NOT REQUIRED TO COMPLY WITH SECTION 11B-603.5. (CBC SECTION 11B-603.5).
- P. THE SEAT HEIGHT OF A WATER CLOSET SHALL NOT BE SPRUNG THE RETURN TO A LIFTED POSITION. SEATS SHALL BE 2 INCHES HIGH MAXIMUM. (CBC SECTION 11B-604.4).

NOTES:

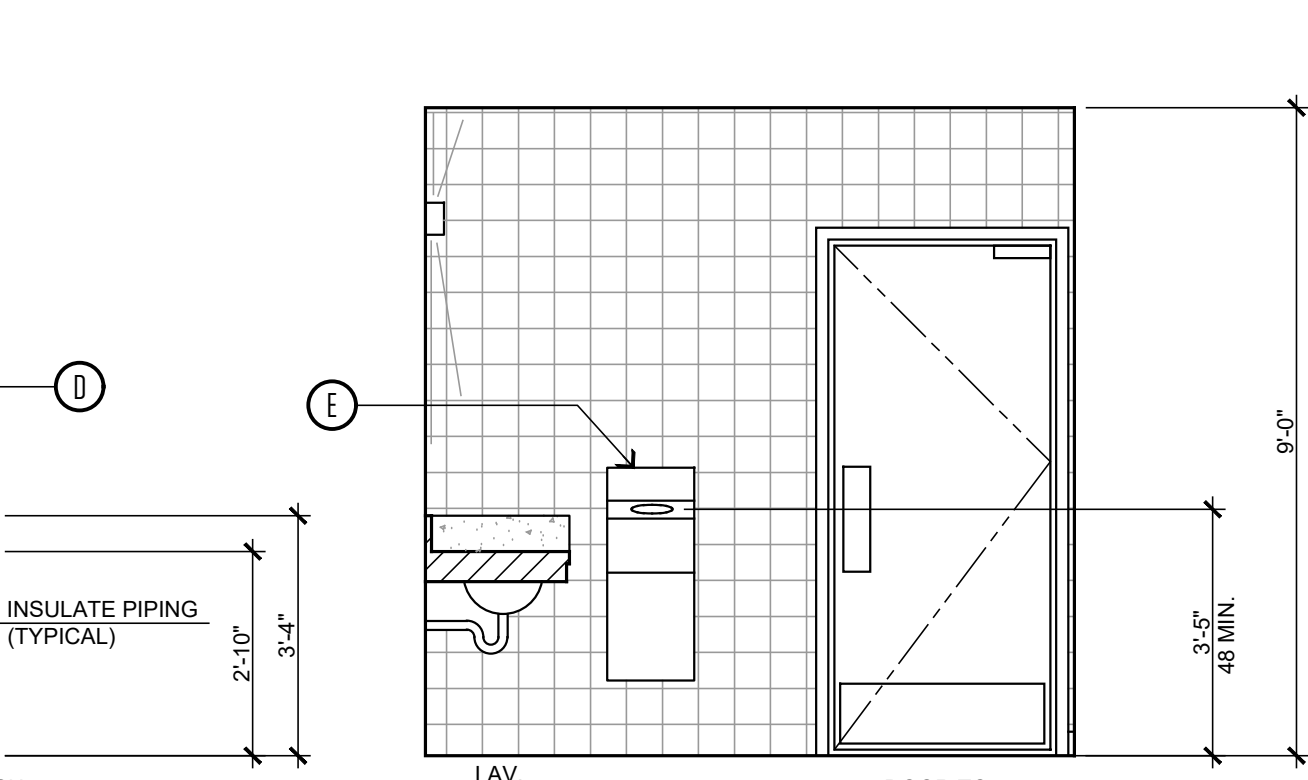
1. THE WATER CLOSET SHALL BE POSITIONED WITH A WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTER LINE OF THE WATER CLOSET SHALL BE 17" (INCHES) MIN. TO 16" (INCHES) MAX FROM THE SIDE WALL OR PARTITION.
2. 36" MIN AT WALL MOUNTED WATER CLOSETS & 36" MIN. AT FLOOR MOUNTED WATER CLOSETS.
3. WHERE THE TOILET ROOM OR BATHING ROOM IS FOR INDIVIDUAL USE AND A CLEAR FLOOR SPACE COMPLYING WITH SECTION 11B-305.3 IS PROVIDED WITHIN THE ROOM BEYOND THE ARC OF THE DOOR SWING, DOORS SHALL BE PERMITTED TO SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FUTURE. PER 11B-603.2 (EXCEPTION 2).
4. 11B-305.3 CIRCULAR SPACE: THE TURNING SPACE SHALL BE A SPACE OF 60" MIN. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 11B-306.
5. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES MINIMUM MEASURED PERPENDICULAR FROM THE SIDEWALL AND 36 INCHES MINIMUM MEASURED PERPENDICULAR FROM THE REAR WALL. A MINIMUM 60 INCHES WIDE AND 48 INCHES DEEP MANEUVERING SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET. (CBC SECTION 11B-604.3.1)



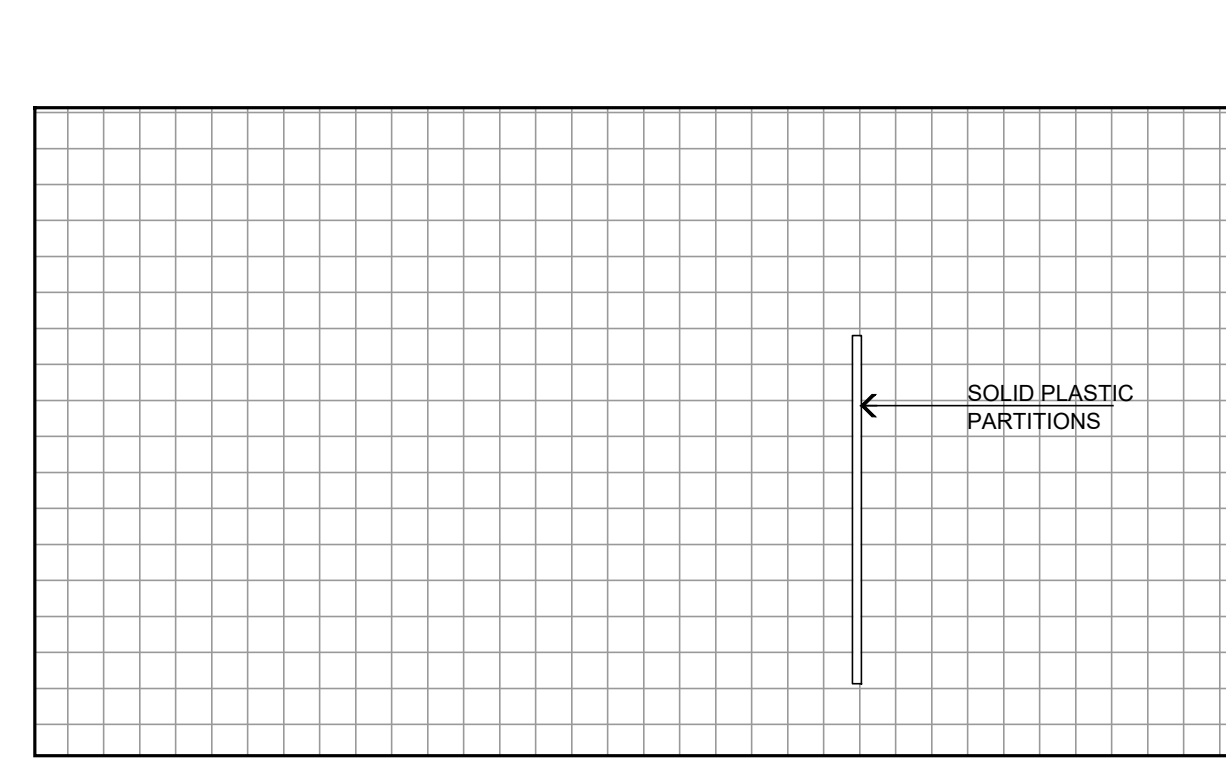
MEN'S RESTROOM
(1) ELEVATION 'A' NOTE: SEE SHEET AC-1 FOR MORE INFO ON RESTROOMS



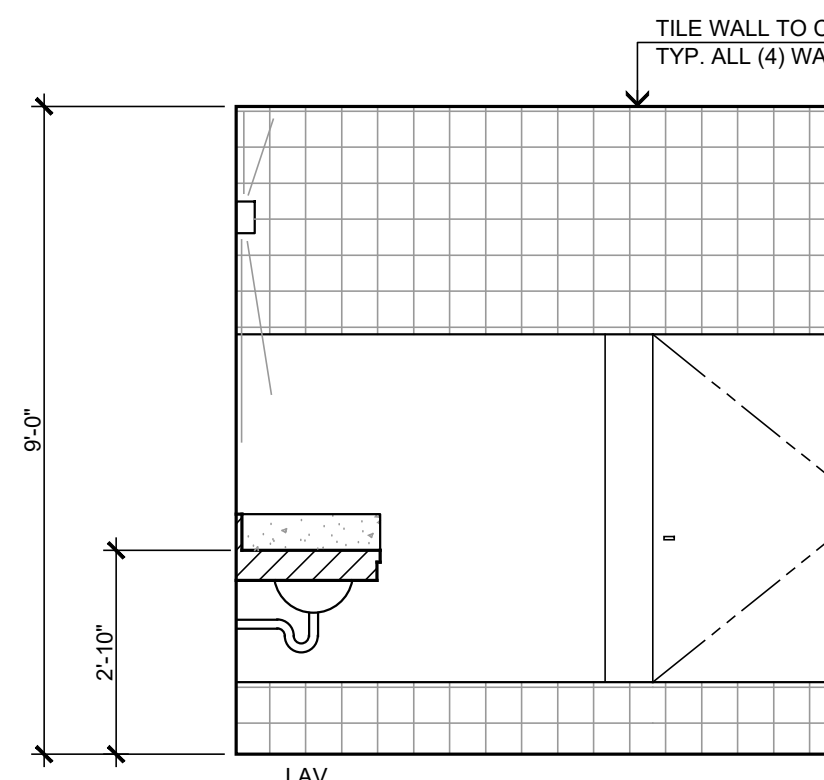
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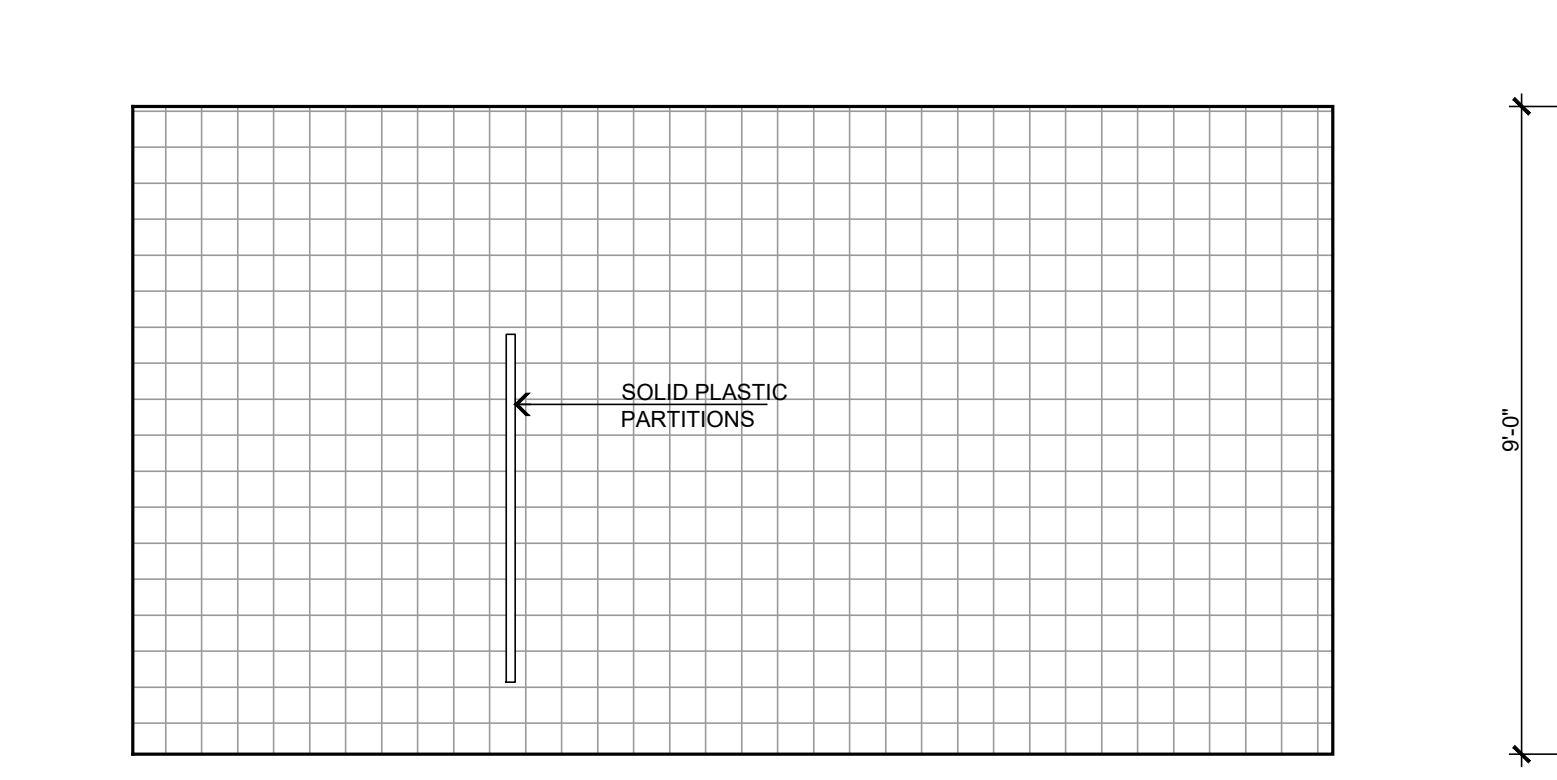
(3) ELEVATION 'C'



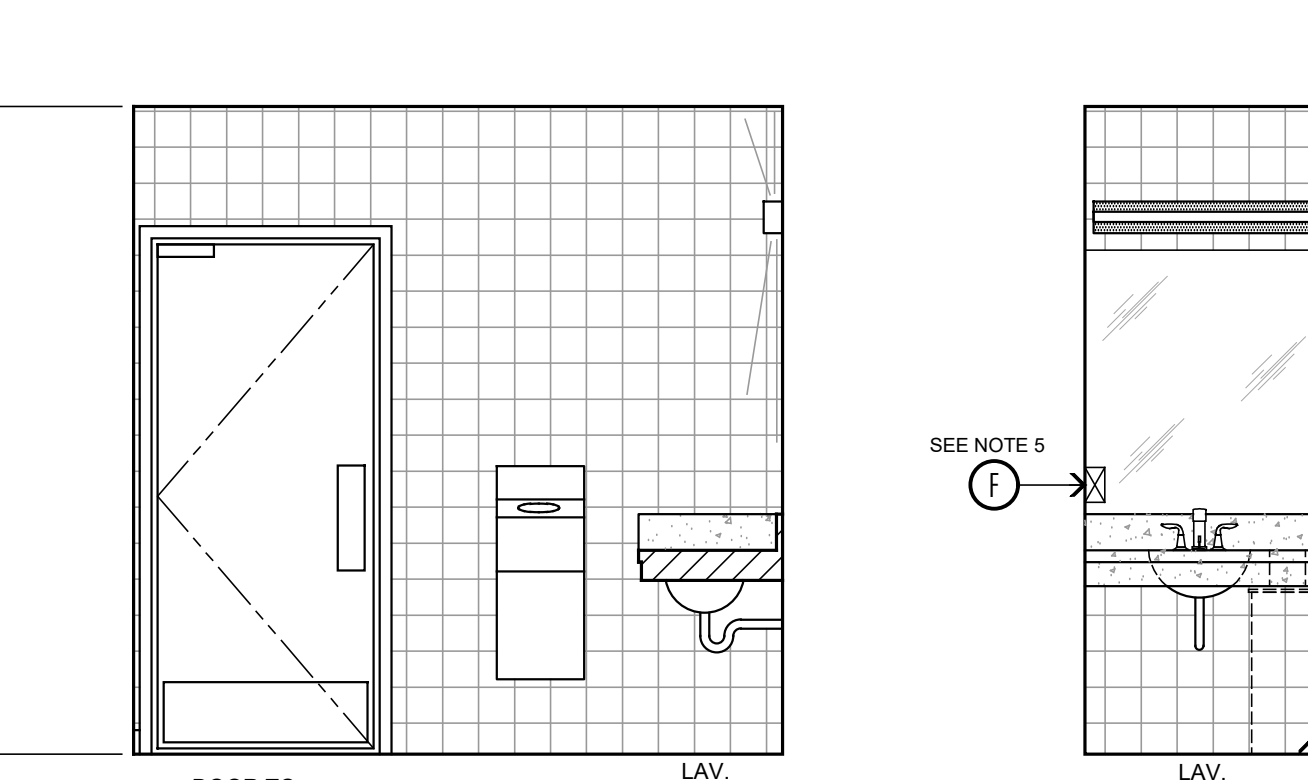
(4) ELEVATION 'D'



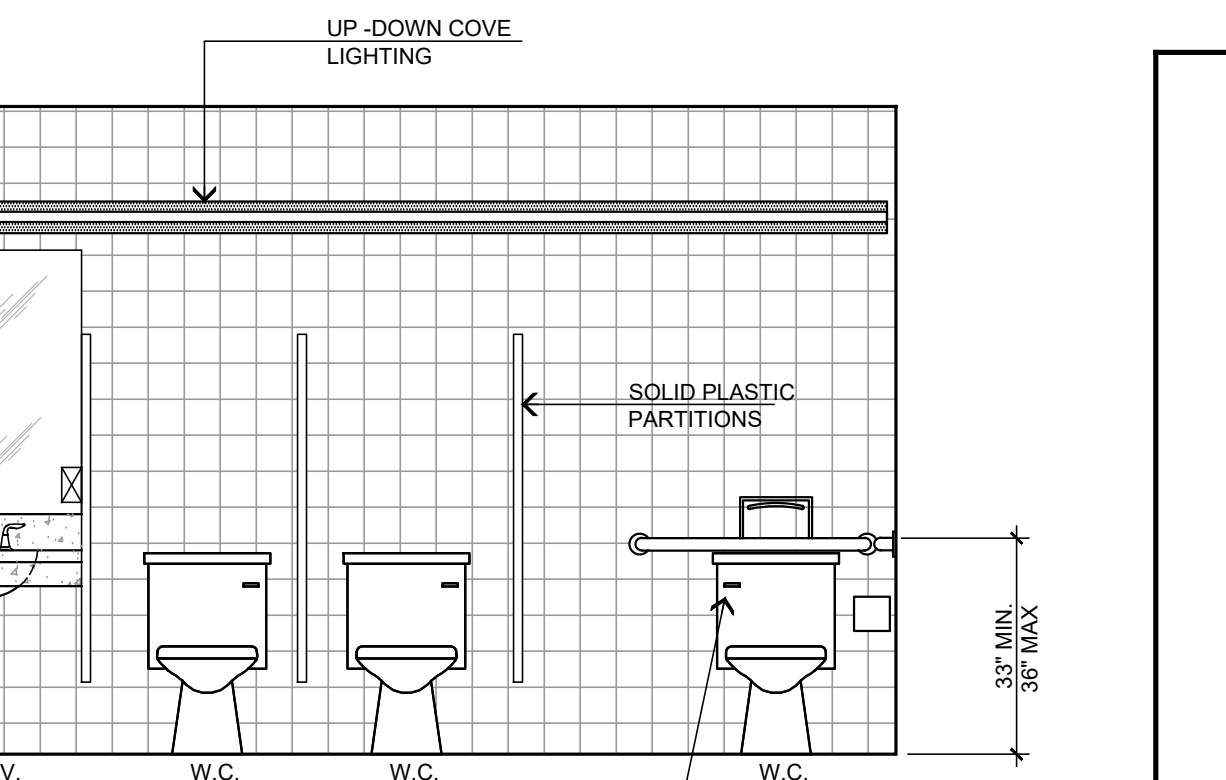
WOMEN'S RESTROOM
(5) ELEVATION 'A' NOTE: SEE SHEET AC-1 FOR MORE INFO ON RESTROOMS



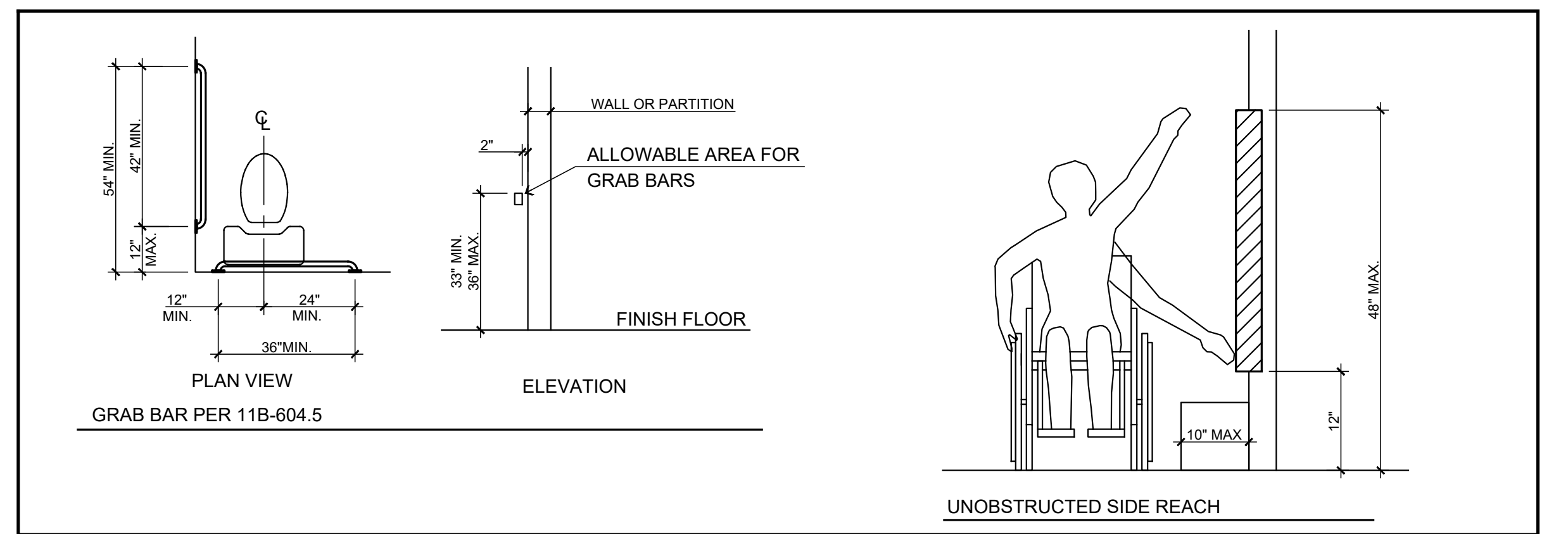
(6) ELEVATION 'B'



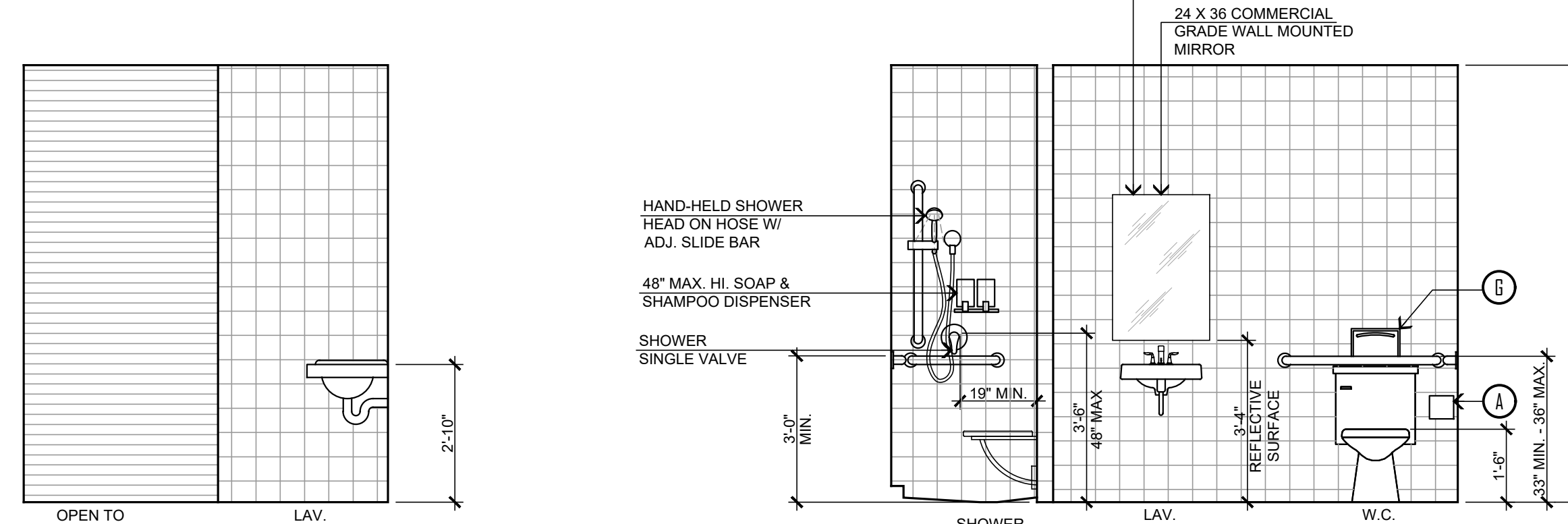
(7) ELEVATION 'C'



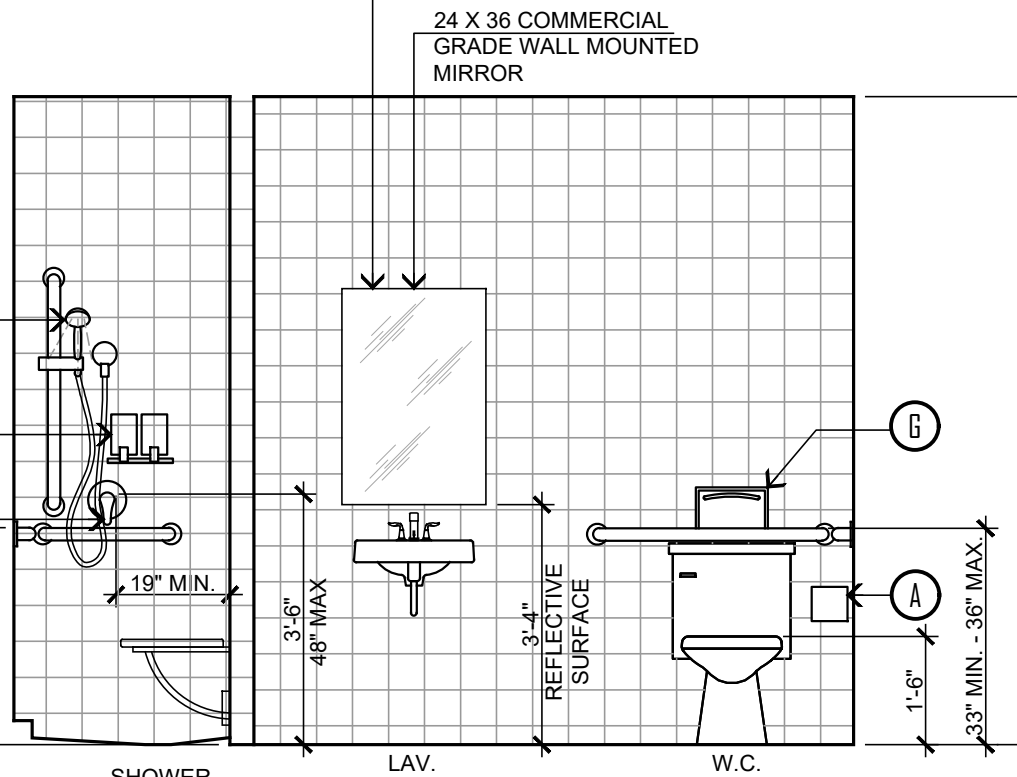
(8) ELEVATION 'D'



11B-603.3 MIRRORS
MIRRORS LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40 INCHES (1016 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. MIRRORS NOT LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 35 INCHES (889 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.



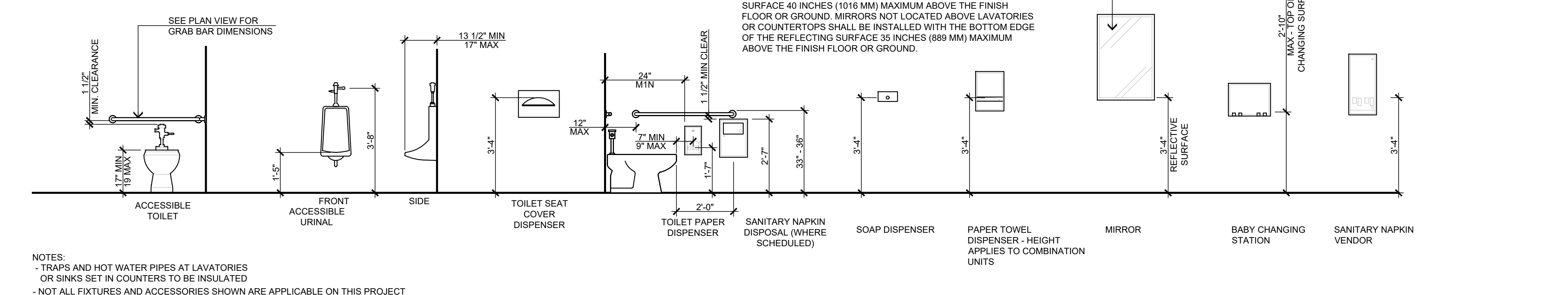
ALL GENDER R.R. #1
(9) ELEVATION 'C'



(10) ELEVATION 'D'

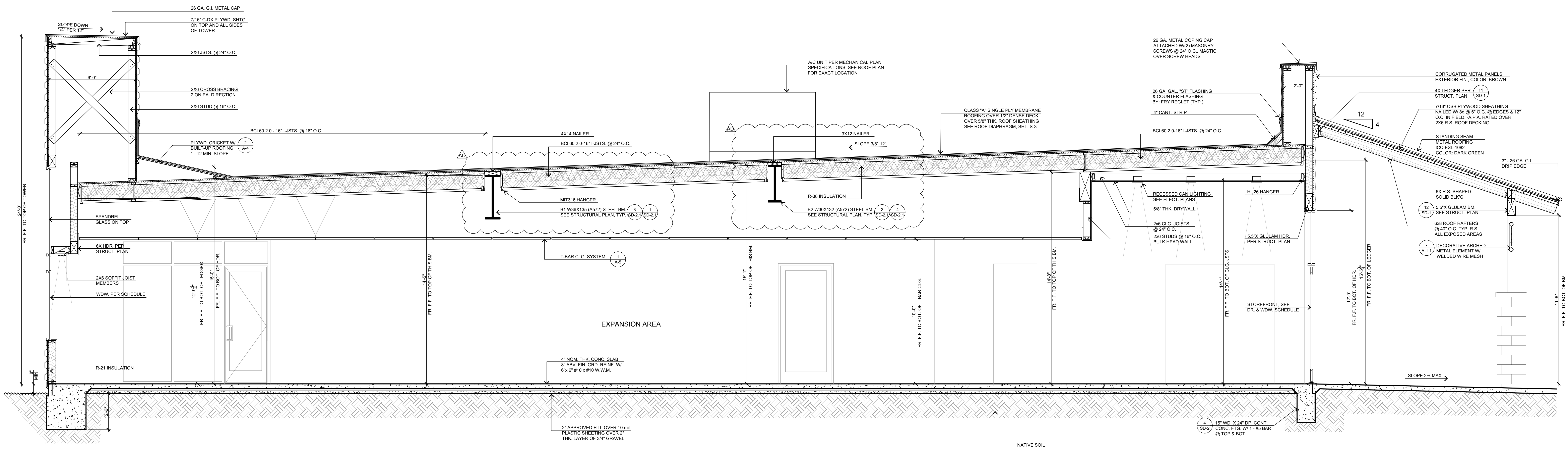
ELEVATION NOTES:

1. INSULATE DRAIN & HOT WATER PIPE. REFER TO UNOBSTRUCTED SIDE REACH DIAGRAM FOR OPERABLE CLEARANCES AT PARALLEL APPROACH.
2. TOILET BOWL TO BE ELONGATED WHEN OPEN FRONT SEAT.
3. PAINT DR/WALL WITH ESMAL.
4. SIDE GRAB BARS IN SINGLE ACCOMMODATION TOILET ROOMS MUST BE INSTALLED SUCH THAT THE FRONT END OF THE BAR IS LOCATED A MINIMUM OF 54" FROM THE BACK WALL. THE SIDEWALL GRAB BARS SHALL BE 42 INCHES LONG. MINIMUM LOCATED 12 INCHES MAXIMUM FROM THE REAR WALL AND EXTENDING 54 INCHES MINIMUM FROM THE REAR WALL WITH THE FRONT END POSITIONED 24 INCHES MINIMUM IN FRONT OF THE WATER CLOSET. (CBC SECTION 11B-604.3.1)
5. THE REAR GRAB BAR SHALL BE 36 INCHES LONG MINIMUM AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12 INCHES MINIMUM ON ONE SIDE AND 24 INCHES MINIMUM ON THE OTHER SIDE. (CBC SECTION 11B-604.3.2) (SEE EXCEPTION).
7. TOILET PAPER DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROL DELIVERY OR THAT DOES NOT ALLOW CONTINUOUS PAPER FLOW. (CBC SECTION 11B-604.7)

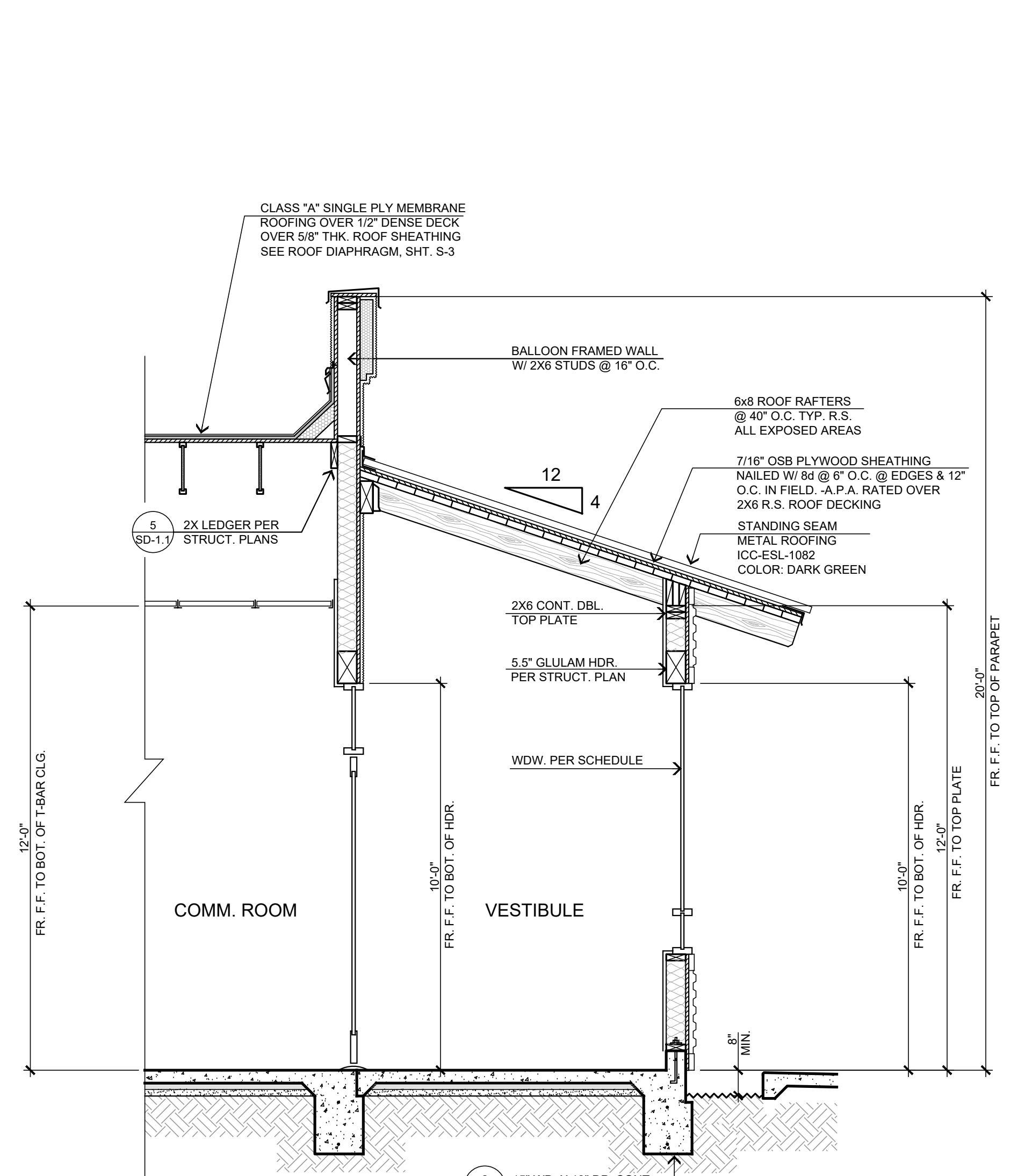


NOTES:
- TRAPS AND HOT WATER PIPES AT LAVATORIES OR SINKS SET IN COUNTERTOPS TO BE INSULATED
- NOT ALL FIXTURES AND ACCESSORIES SHOWN ARE APPLICABLE ON THIS PROJECT

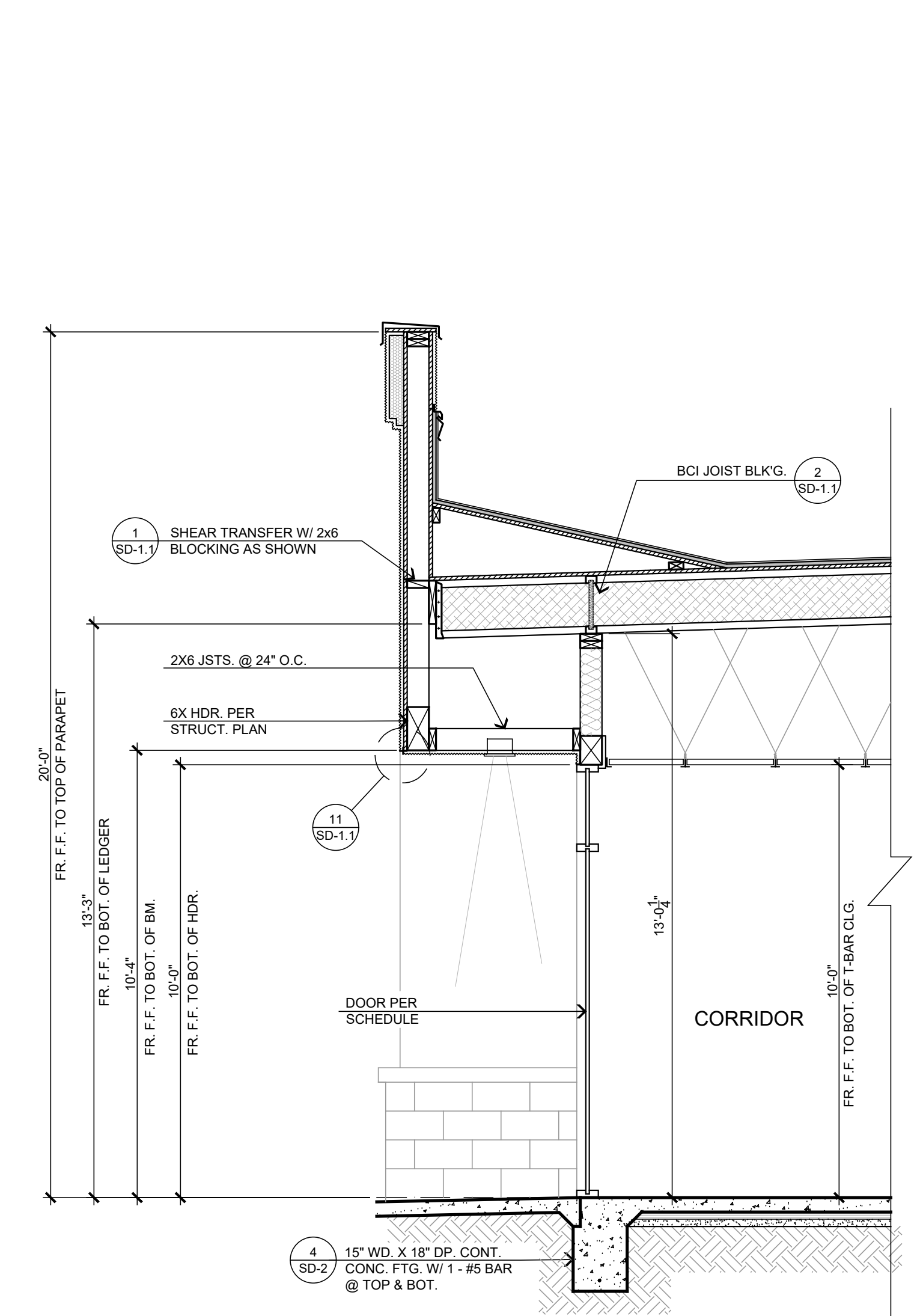
<p>11774 HESPERIA ROAD, SUITE B • HESPERIA, CA 92345 PHONE (760) 244-3901 • FAX (760) 244-1948 www.steenodesign.com</p>	<p>DATE FINISHED MAY 2022</p>	<p>THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA BUILDING CODE (CBC) AND ALL APPLICABLE LOCAL ORDINANCES. ANY DEVIATIONS SHALL BE INDICATED BY A NOTE OR DIMENSION LINE.</p> <p>THESE DOCUMENTS AND THE DESIGN AND IDEAS INCORPORATED HEREIN, AS AN INSTRUMENT OF THE PROFESSIONAL SERVICE ARE THE PROPERTY OF STEENO DESIGN STUDIO INC. ANY USE IN WHOLE OR IN PART FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.</p>	<p>PROJECT: CIVIC CENTER BUILDING</p> <p>PHELAN PIÑON HILLS C.S.D.</p>	<p>JOB NO. COM20-L01/01</p> <p>SHEET NAME: ENLARGED RESTROOM PLANS</p>	<p>PAGE A-1.2</p>
	<p>REVISIONS</p> <ul style="list-style-type: none"> 1. BLDG. CODE 09/14/22 2. BLDG. CODE 08/09/22 3. ELECTRICAL 09/09/22 4. SEPTIC 10/27/22 5. ADDENDUM TO STRUCTURAL 01/24/2023 	<p>PHELAN PIÑON HILLS C.S.D. 26448</p> <p>UNLICENSED ARCHITECT</p> <p>STATE OF CALIFORNIA</p> <p>2/28/2023</p>	<p>DATE: 2/28/2023</p> <p>BY: [Signature]</p> <p>FOR: [Signature]</p>	<p>DATE: 2/28/2023</p> <p>BY: [Signature]</p> <p>FOR: [Signature]</p>	<p>DATE: 2/28/2023</p> <p>BY: [Signature]</p> <p>FOR: [Signature]</p>



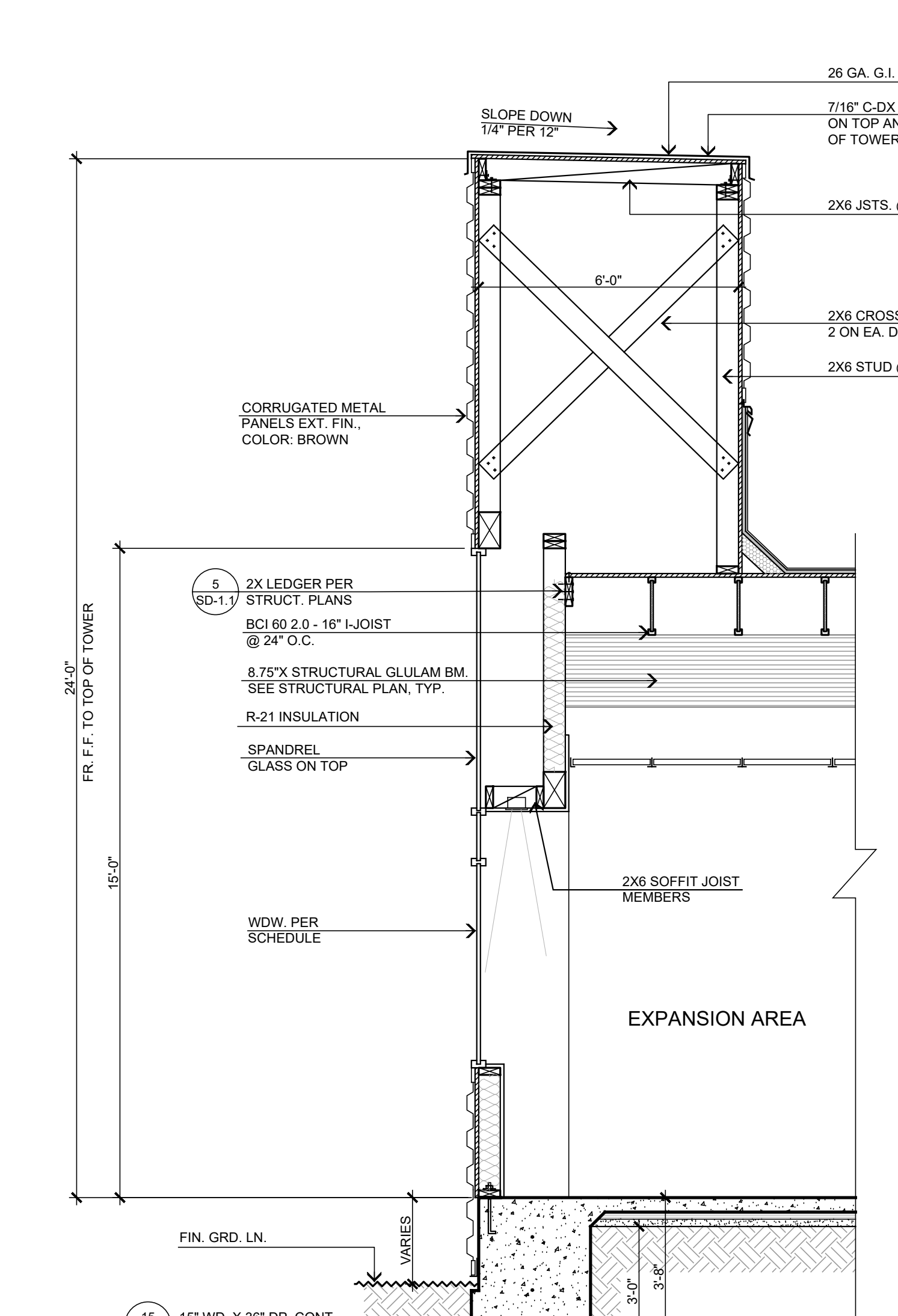
SECTION 'C-C'
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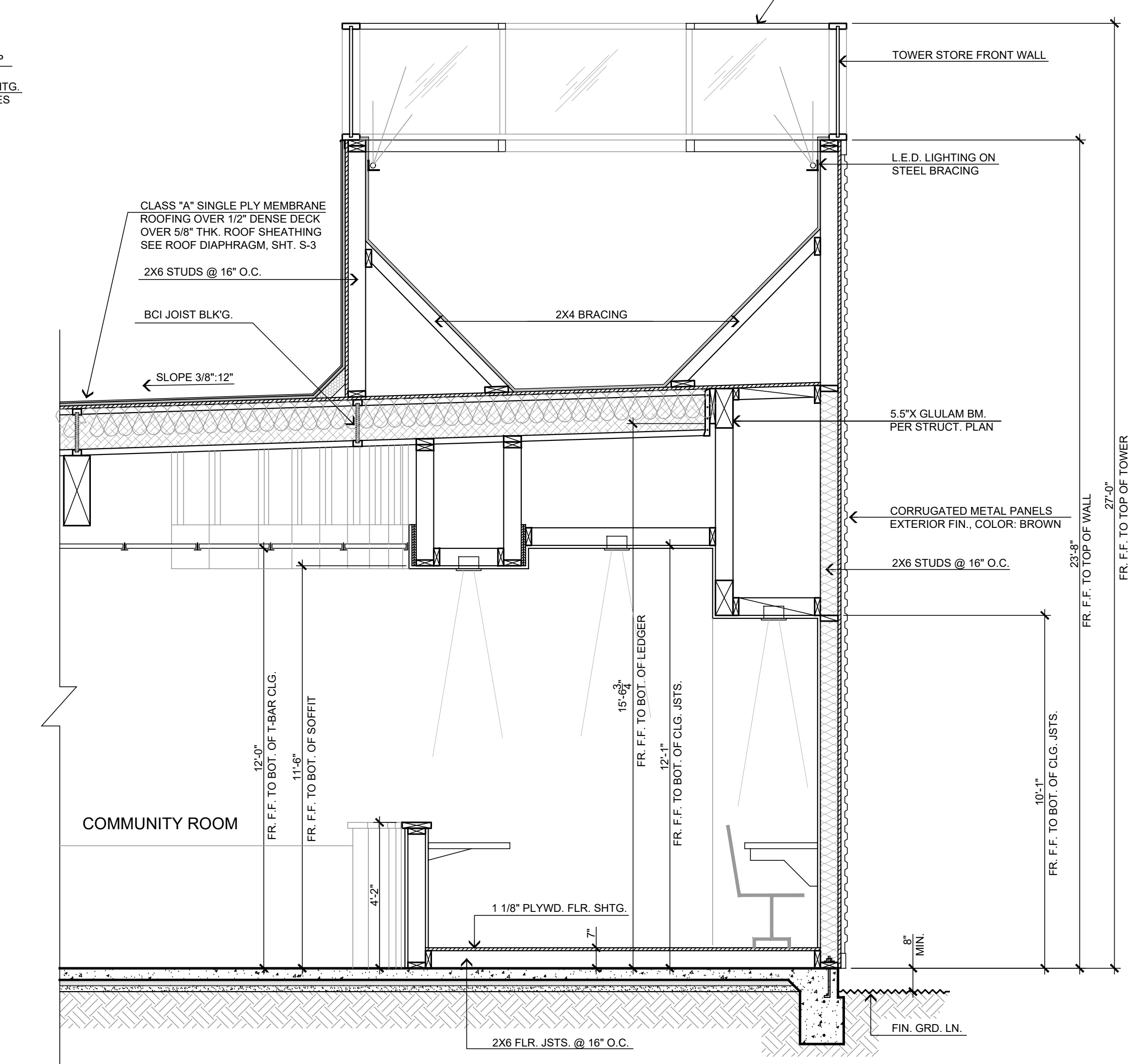
SECTION 'G'
SCALE: 3/8" = 1'-0"



SECTION 'F'
SCALE: 3/8" = 1'-0"

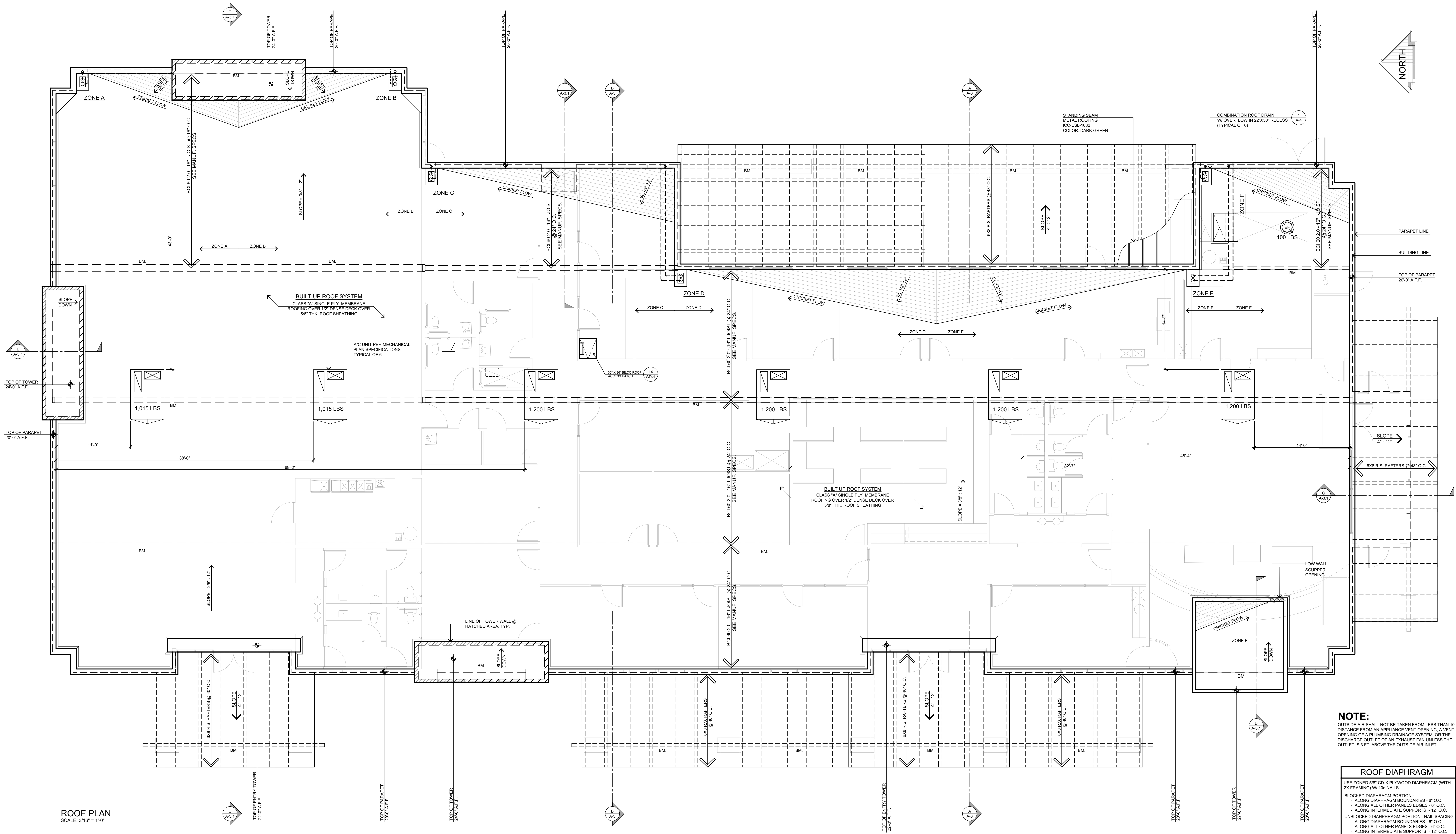


SECTION 'E'
SCALE: 3/8" = 1'-0"



SECTION 'D'
SCALE: 3/8" = 1'-0"

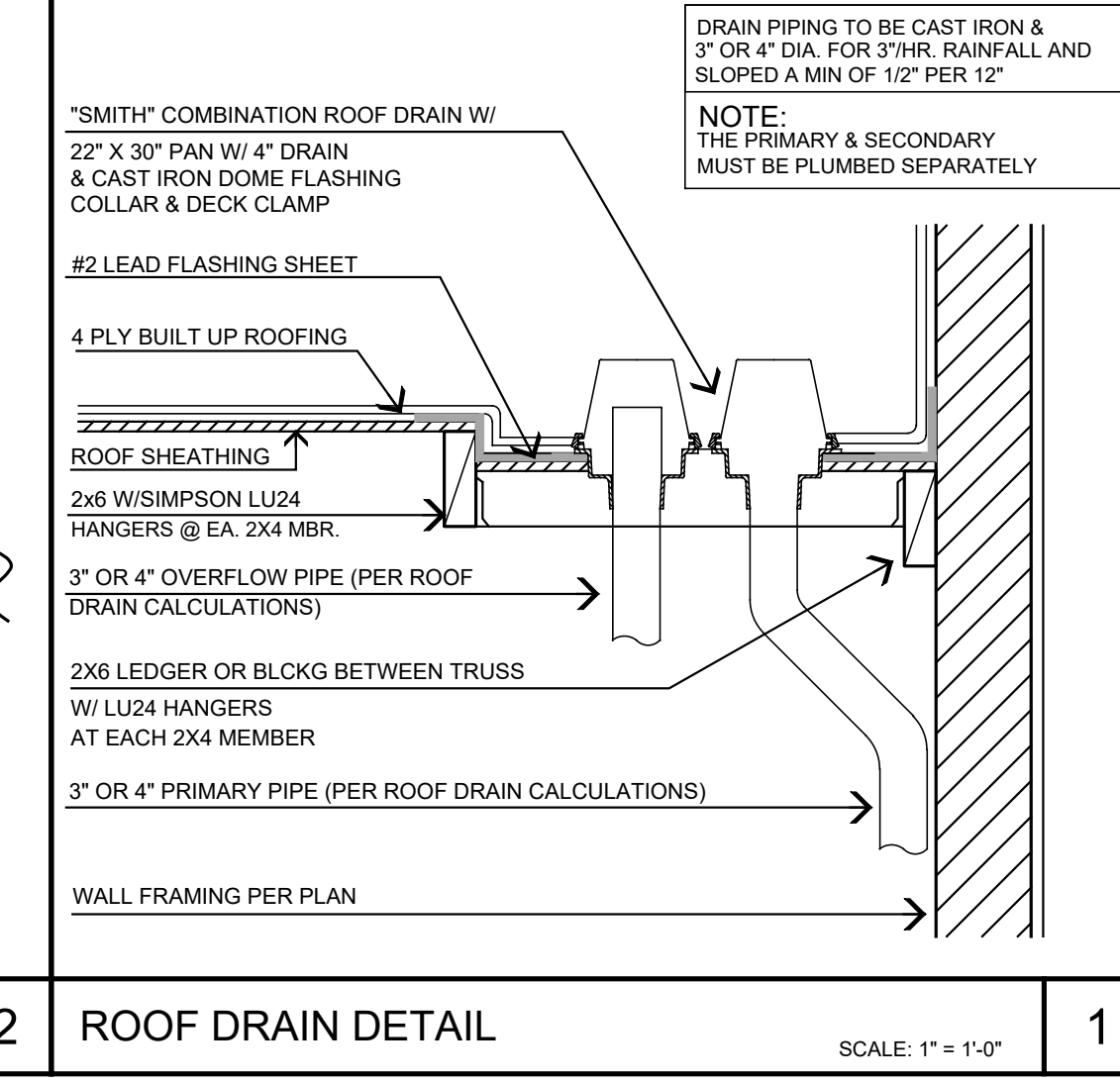
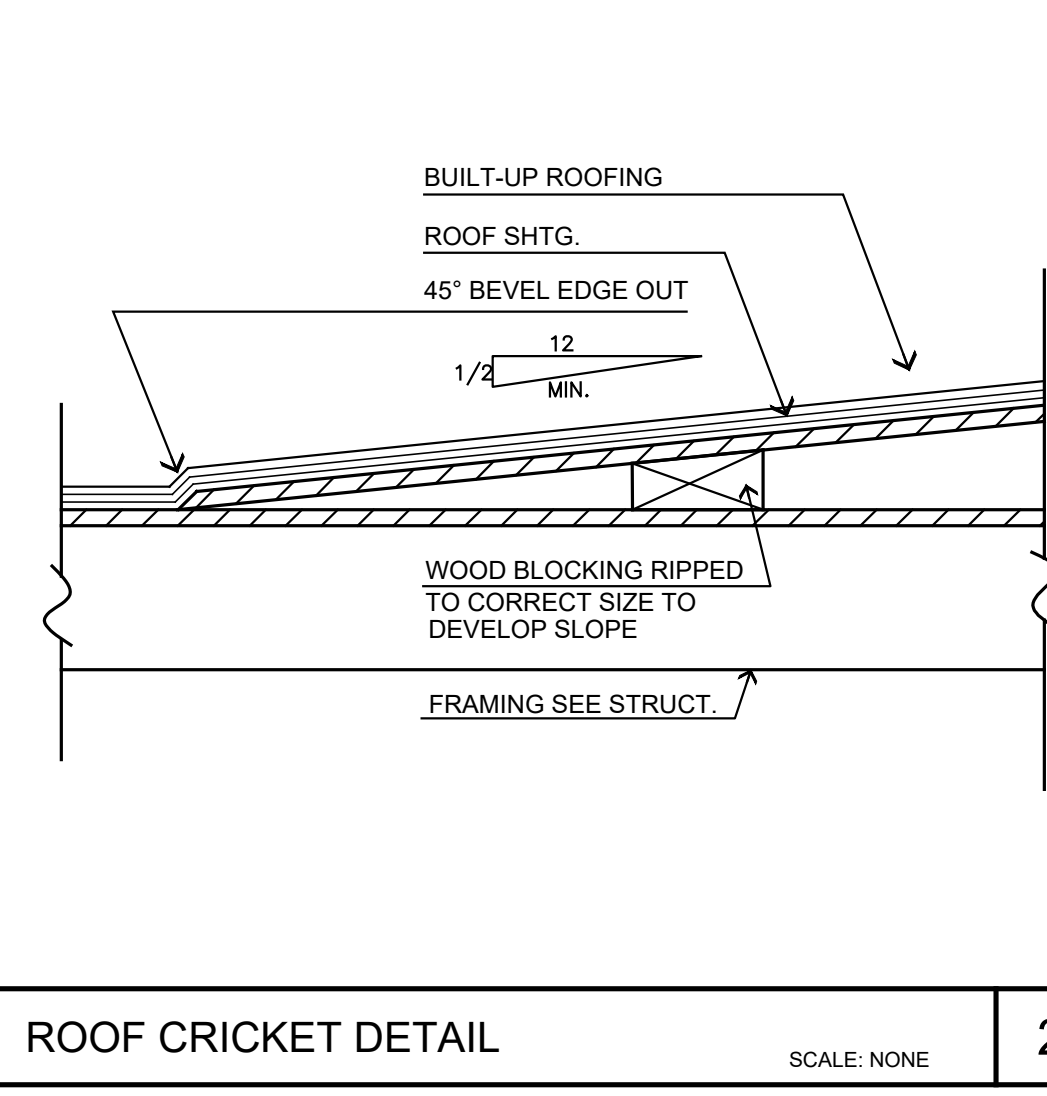
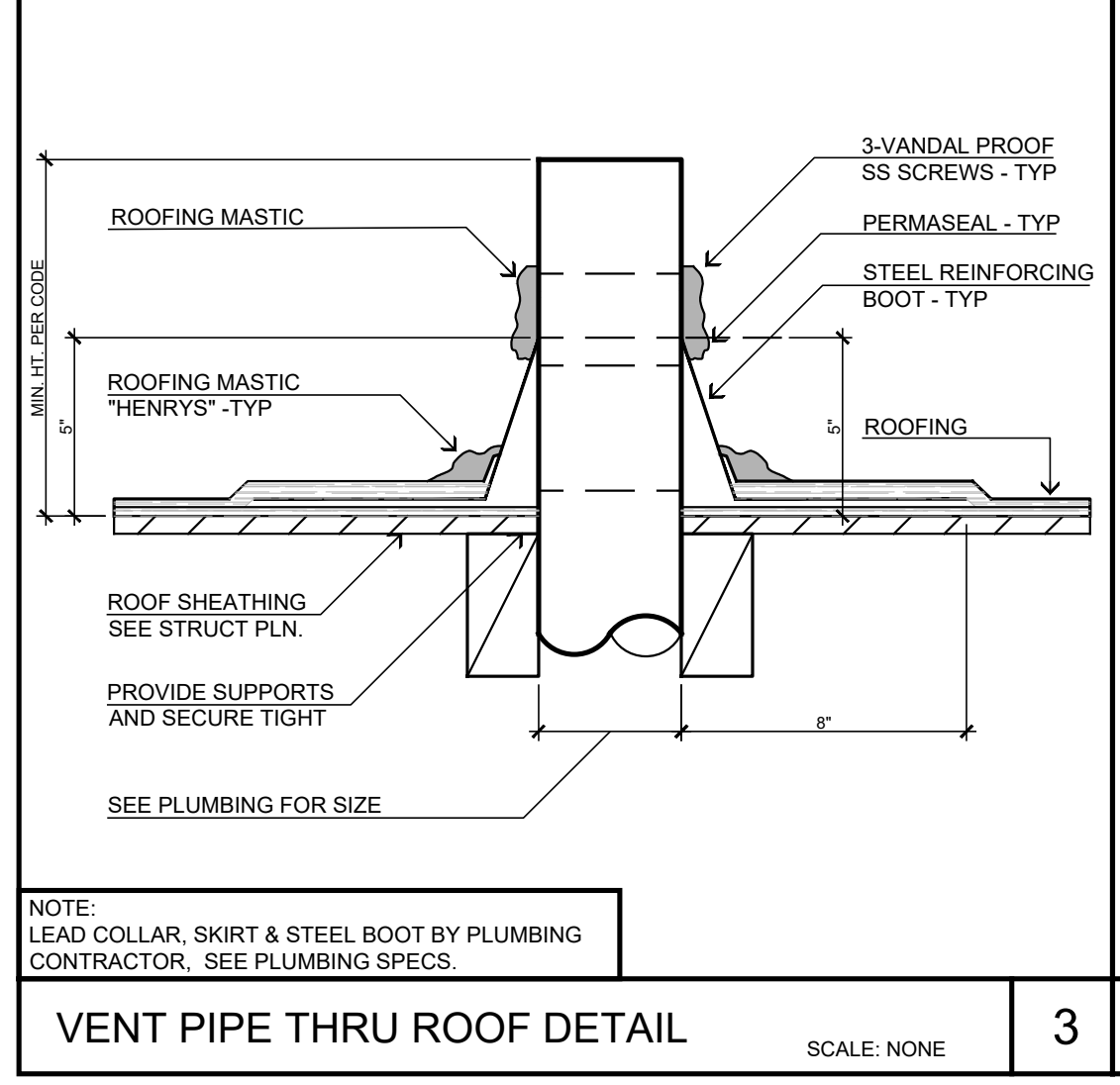
<p>STEENO DESIGN STUDIO INC. ARCHITECTURE & PLANNING 11774 HESPERIA ROAD, SUITE 200 HESPERIA, CA 92345 PHONE (760) 244-5001 FAX (760) 244-1948 www.steenodesign.com</p>	<p>DATE FINISHED MAY 2022</p>	<p>THESE PLANS SHALL COMPLY WITH THE 2018 CALIFORNIA BUILDING CODE WITH ALL AMENDMENTS AND THE 2018 ENERGY STANDARDS.</p>	<p>PROJECT: CIVIC CENTER BUILDING PHELAN PIÑON HILLS C.S.D.</p> <p>SITE ADDRESS: A.P.N. 3066-261-10 9535 SHEEP CREEK ROAD PHELAN, CA 92329</p>	<p>JOB NO. COM20-L01/01</p>	<p>PAGE A-3.1</p>
	<p>REVISIONS</p> <ul style="list-style-type: none"> DEV. CODE 02/14/22 BLDG. CODE 02/14/22 BLDG. CODE 08/08/22 ELECTRICAL 09/30/22 METRIC 10/07/22 ADDENDUM TO STRUCTURAL 01/24/2023 	<p>THESE DOCUMENTS AND THE DESIGN AND CONSTRUCTION INSTRUMENTS ARE THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY USE, IN WHOLE OR IN PART, FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.</p>		<p>CONTACT DON BARTZ</p>	<p>SHEET NAME: SECTIONS</p>



NOTE:
 - OUTSIDE AIR SHALL NOT BE TAKEN FROM LESS THAN 10 FT. IN DISTANCE FROM AN APPLIANCE VENT OPENING, A VENT OPENING OF A PLUMBING DRAINAGE SYSTEM, OR THE DISCHARGE OUTLET OF AN EXHAUST FAN UNLESS THE OUTLET IS 3 FT. ABOVE THE OUTSIDE AIR INLET.

ROOF DIAPHRAGM	
USE ZONE D 5/8" CD-X PLYWOOD DIAPHRAGM (WITH 2X FRAMING) W/ 100 NAILS	
BLOCKED DIAPHRAGM PORTION	
- ALONG DIAPHRAGM BOUNDARIES - 6" O.C.	
- ALONG ALL OTHER PANELS EDGES - 6" O.C.	
- ALONG INTERMEDIATE SUPPORTS - 12" O.C.	
UNBLOCKED DIAPHRAGM PORTION - NAIL SPACING	
- ALONG DIAPHRAGM BOUNDARIES - 6" O.C.	
- ALONG ALL OTHER PANELS EDGES - 6" O.C.	
- ALONG INTERMEDIATE SUPPORTS - 12" O.C.	

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



- ROOF FRAMING NOTES**
- REFER TO SHEET QN-1 FOR GENERAL NOTES.
 - REFER TO OTHER CONTRACT DOCUMENTS FOR ITEMS NOT SHOWN SUCH AS NON-STRUCTURAL CURBS, WALLS, OPENINGS PENETRATIONS ETC., AS WELL AS FOR ITEMS NOT SPECIFIED, DIMENSIONS AND ELEVATIONS NOT NOTED ETC.
 - THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING WORK.
 - TYPICAL ROOF SHEATHING SHALL BE 1/2" THK. CD-X PLYWOOD APA RATED (SPAN INDEX 480) W/ 100 (0.1317 DIA X 2-1/2") NAILS AT 8" S.N., 12" E.N., 12" F.N. UNBLOCKED.
 - FOR VERTICAL PLYWOOD SHEATHING THICKNESS, NAIL SIZE AND SPACING REFER TO "SHEARWALL SCHEDULE" ON PLANS. SEE "PLAN" FOR LOCATION (WHERE OCCURS).
 - SOLID BLOCKING SHALL BE PLACED BETWEEN ALL JOISTS AND RAFTERS AT ALL POINTS OF SUPPORT AND AT 10 FOOT INTERVALS FOR RAFTERS AND AT 8 FOOT INTERVALS FOR JOISTS. THIS IS IN ADDITION TO THE ONE SHOWN ON PLANS.
 - WHENEVER THE DOUBLE TOP PLATES ARE CUT BY PERPENDICULAR BEAM, CONNECT THE TOP PLATES TOGETHER USING SIMPSON MET48 OR M5100. REFER TO SIMPSON CATALOG FOR CORRECT INSTALLATION OF CONNECTORS.
 - SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN OR NOTED.

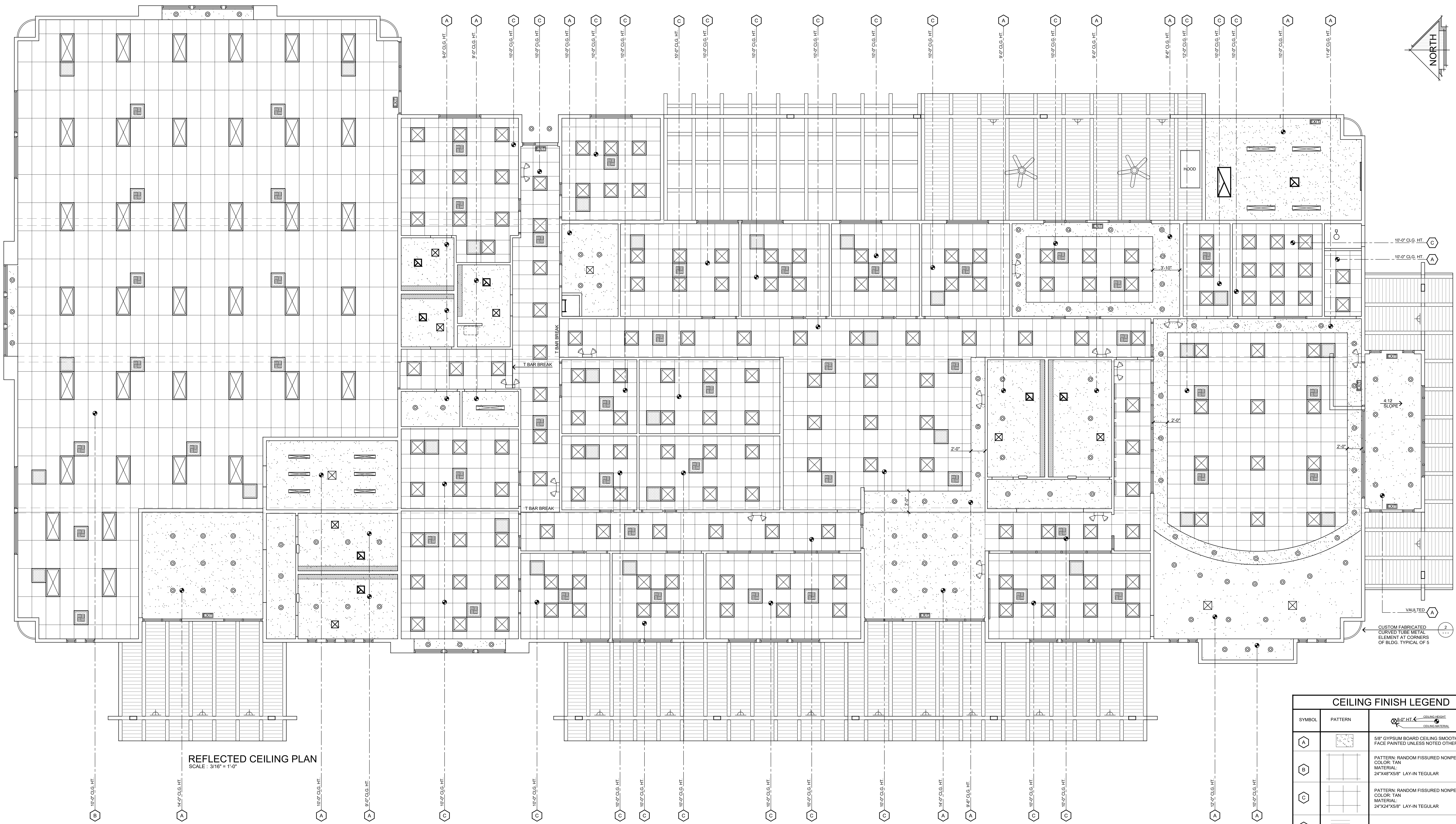
HORIZONTAL RAINWATER PIPING

SIZE OF PIPE	(14 INCH FLOW PER FOOT)	MAX ALLOWABLE HORIZONTAL PROJECTED ROOF AREA (SQUARE FEET)		
		1 (INHR)	2 (INHR)	3 (INHR)
3	48	4,640	2,320	1,546
4	110	10,600	5,300	3,533
5	198	18,880	9,440	6,263
6	314	30,200	15,100	10,066

ROOF DRAIN CALCULATIONS

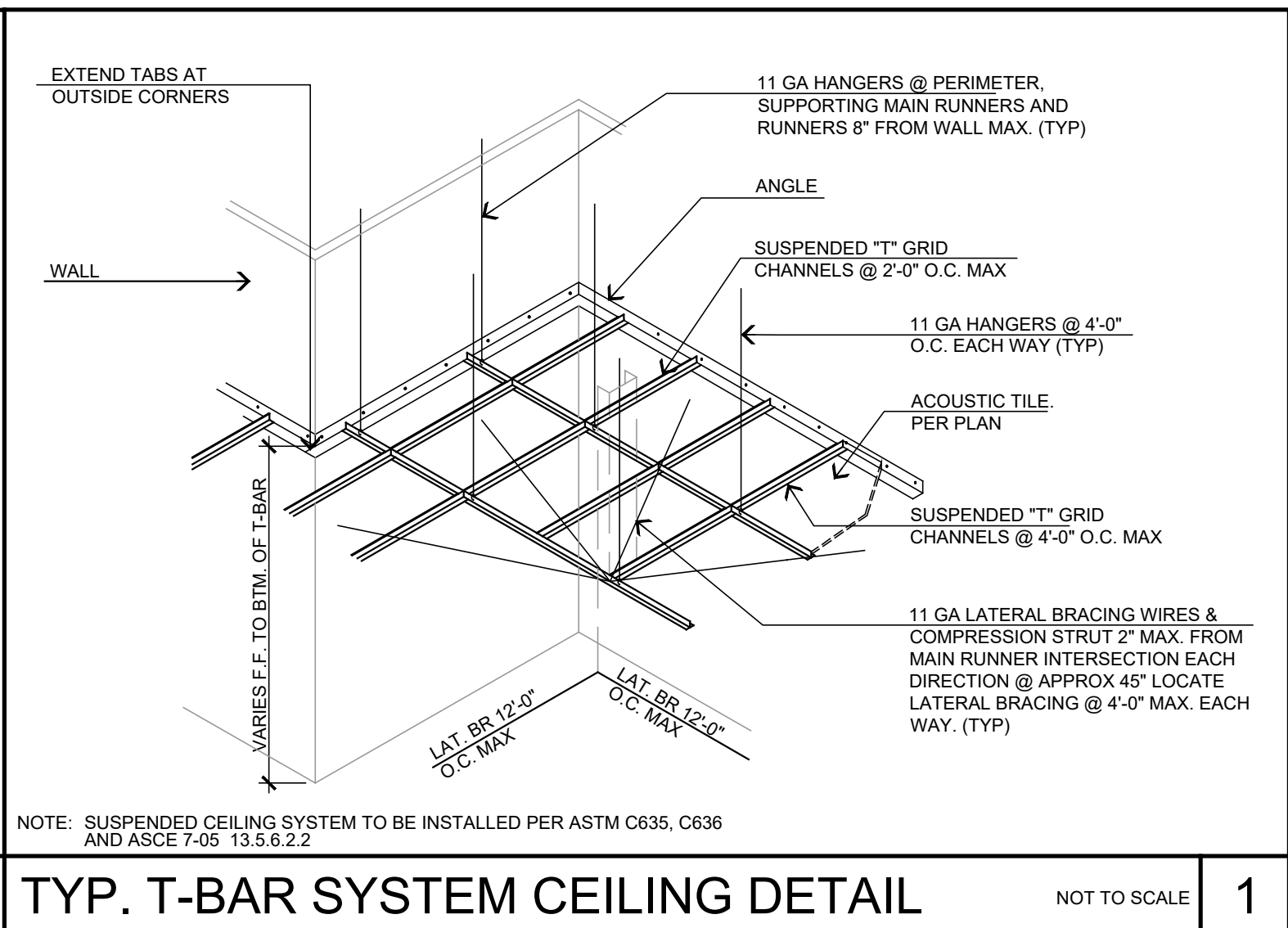
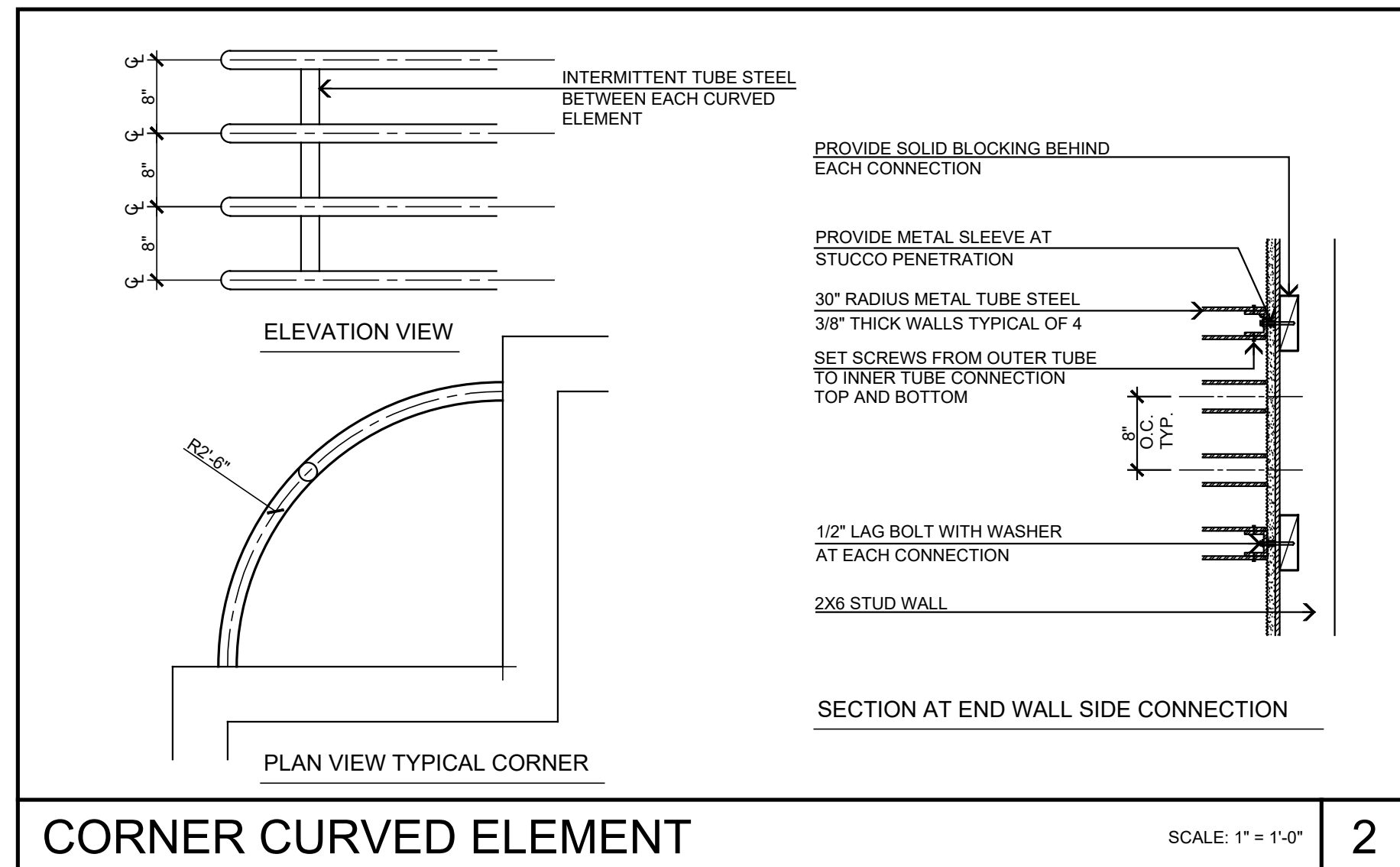
ZONE	ROOF AREA	SIDE WALL AREA CALC PER 1103.4	TOTAL ZONE	REQUIRED PER TABLE 1101.8 PROVIDED PER PLAN
ZONE A	2,313 SQ. FT.	74 SQ. FT.	2,387 SQ. FT.	(1) @ 4" DIA.
ZONE B	2,359 SQ. FT.	193 SQ. FT.	2,552 SQ. FT.	(1) @ 4" DIA.
ZONE C	2,728 SQ. FT.	74 SQ. FT.	2,802 SQ. FT.	(1) @ 4" DIA.
ZONE D	2,175 SQ. FT.	92 SQ. FT.	2,267 SQ. FT.	(1) @ 4" DIA.
ZONE E	2,488 SQ. FT.	193 SQ. FT.	2,681 SQ. FT.	(1) @ 4" DIA.
ZONE F	1,438 SQ. FT.	136 SQ. FT.	1,574 SQ. FT.	(1) @ 4" DIA.

		DATE FINISHED MAY 2022	THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA BUILDING CODE (CBC) AND THE 2018 CALIFORNIA ELECTRICAL CODE (CEC) AND THE 2018 CALIFORNIA MECHANICAL CODE (CMC) AND THE 2018 CALIFORNIA PLUMBING CODE (CPC) AND THE 2018 CALIFORNIA FIRE AND SAFETY CODE (CFC) AND THE 2018 CALIFORNIA ENERGY CODE (CEC). ANY CODE WHICH IS NOT SPECIFIED SHALL BE UNLESS OTHERWISE NOTED.		PROJECT: CIVIC CENTER BUILDING PHELAN PIÑON HILLS C.S.D.	JOB NO. COM20-L01/01	PAGE A-4
VENT PIPE THRU ROOF DETAIL SCALE: NONE 3	ROOF CRICKET DETAIL SCALE: NONE 2	ROOF DRAIN DETAIL SCALE: 1/4" = 1'-0" 1	REVISIONS BLDG. CODE 02/14/22 ELEC. CODE 08/09/22 SEPTIC 10/27/22 ADDENDUM TO STRUCTURAL 01/24/2023	SITE ADDRESS: A.P.N. 3068-261-10 6635 SHEEP CREEK ROAD PHELAN, CA 92259	CONTACT: DON BARTZ	SHEET NAME: ROOF PLAN	



REFLECTED CEILING PLAN
SCALE: 3/16" = 1'-0"

CEILING FINISH LEGEND		
SYMBOL	PATTERN	DESCRIPTION
(A)	[Pattern]	5/8" GYPSUM BOARD CEILING SMOOTH FINISH FACE PAINTED UNLESS NOTED OTHERWISE
(B)	[Pattern]	PATTERN: RANDOM FIGURED NONPERFORMED COLOR: TAN MATERIAL: 24"x48"x5/8" LAY-IN REGULAR
(C)	[Pattern]	PATTERN: RANDOM FIGURED NONPERFORMED COLOR: TAN MATERIAL: 24"x24"x5/8" LAY-IN REGULAR
(D)	[Pattern]	2X6 CHAMFERED TONGUE AND GROOVE



REFLECTIVE CEILING SYM. LEGEND		
SYMBOL	DESCRIPTION	REMARKS
[Symbol]	EXHAUST FAN DIFFUSER FLUSH TYPE	SEE MECH. PLANS FOR SPECS
[Symbol]	RETURN AIR GRILLE W/ ROUND ELBOW CONNECTION AND INSUL. FLEXIBLE DUCT RUNOUT	SEE MECH. PLANS FOR SIZES
[Symbol]	24" SQ. SUPPLY GRILL OR 12" SUPPLY GRILL	AIR DIFFUSER T-BAR TYPE AT LAY-IN CLG. SEE MECH. PLANS FOR SPECS
[Symbol]	SPEAKER	WALL MOUNTED

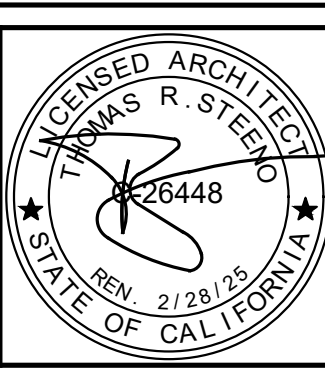
LIGHTING FIXTURE LEGEND			
#	SYMBOL	DESCRIPTION	MANUFACTURER
A	[Symbol]	2 X 2 L.E.D. PANEL LIGHTING	MANUFACTURER: EnVision LED LIGHTING 213.741.1550 www.envisionledlighting.com MODEL NUMBER: FLTL-24-6W-40K-SM
B	[Symbol]	2 X 4 L.E.D. PANEL LIGHTING	MANUFACTURER: EnVision LED LIGHTING 213.741.1550 www.envisionledlighting.com MODEL NUMBER: FLTL-24-6W-40K-SM
C	[Symbol]	4' L.E.D. RECESSED DOWN LIGHT	MANUFACTURER: ELP (Engineered Lighting Products) 626.579.0943 www.eplighting.com MODEL NUMBER: 444W1DL-CC
D	[Symbol]	L.E.D. RECESSED LIGHTING	MANUFACTURER: ELITE LED LIGHTING www.jusselle.com 877.375.5555 MODEL: TCLD-62812-40 with CR6L22SW-T40

LIGHTING FIXTURE LEGEND			
#	SYMBOL	DESCRIPTION	REMARKS
E	[Symbol]	CLG. - PENDANT LIGHTING	HIGH EFFICACY L.E.D.
F	[Symbol]	WALL SURFACE MOUNT FIXTURE	
F	[Symbol]	EMERGENCY BACK-UP LIGHT	EMERGH-LITE PREMIER SERIES
G	[Symbol]	ILLUMINATED EXIT SIGN	EMERGH-LITE PRESTIGE DX SERIES
I	[Symbol]	UP AND DOWN COVE LIGHTING	SEE ELECTRICAL PLANS FOR SPECS

STEENO
DESIGN STUDIO INC
ARCHITECTURE • DESIGN • PLANNING
11774 HESPERIA ROAD, SUITE B • HESPERIA, CA 92345
PHONE (760) 244-5031 • FAX (760) 244-1348
www.steenodesign.com

DATE FINISHED MAY 2022
REVISIONS
1. REV. CODE: 02/14/22
2. REV. CODE: 08/09/22
3. REV. CODE: 09/03/22
4. REV. CODE: 10/27/22
ADDITION TO STRUCTURAL: 02/24/2023

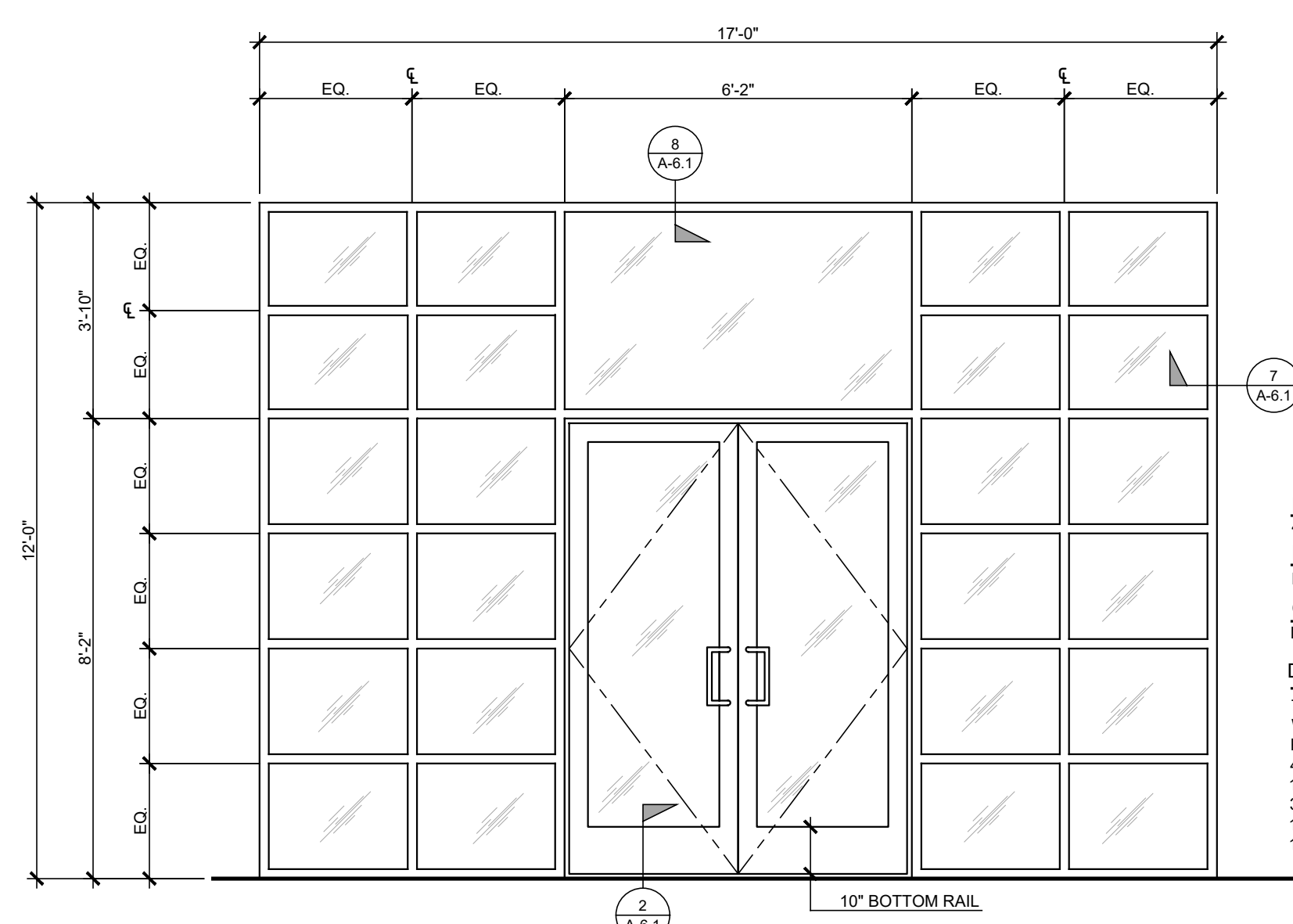
THESE PLANS SHALL COMPLY WITH ALL CITY ORDINANCES AND REGULATIONS AND BE INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE. ANY USE IN WHOLE OR IN PART FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.



PROJECT: CIVIC CENTER BUILDING
PHELAN PIÑON HILLS C.S.D.
SITE ADDRESS: A.P.N. 3066-261-10 8535 SHEEP CREEK ROAD PHELAN, CA 92329
CONTACT: DON BARTZ

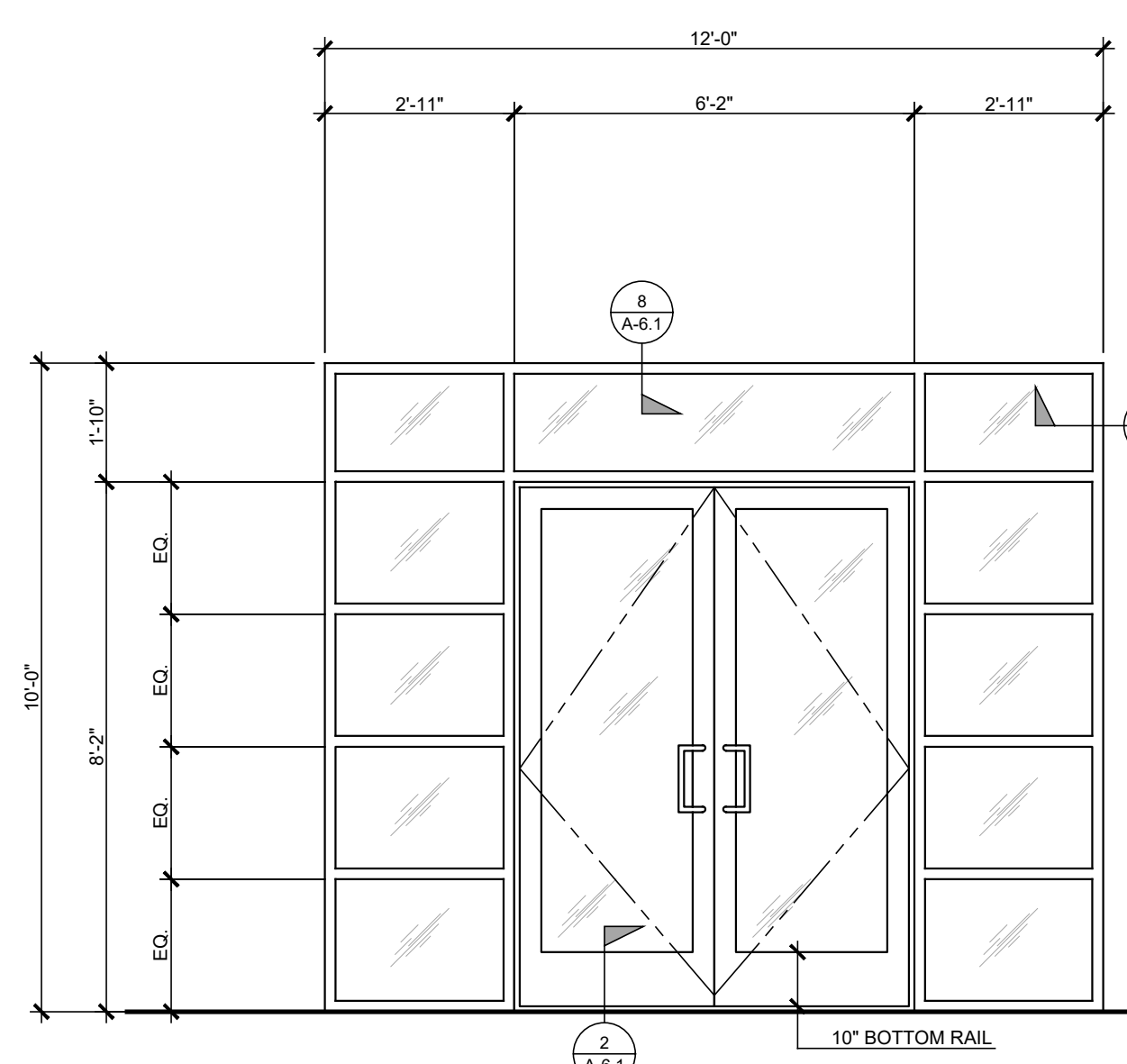
JOB NO. COM20-L01/01	PAGE A-5
SHEET NAME REFLECTED CEILING PLAN	

S:\2020 Aprojects\02 - Commercial\L - P\01 - PPHCSD_Phelan Pinon Hills Community Service District\01 - Civic Center.dwg, 2/14/2023 2:28:15 PM, DWG To PDF, P.1



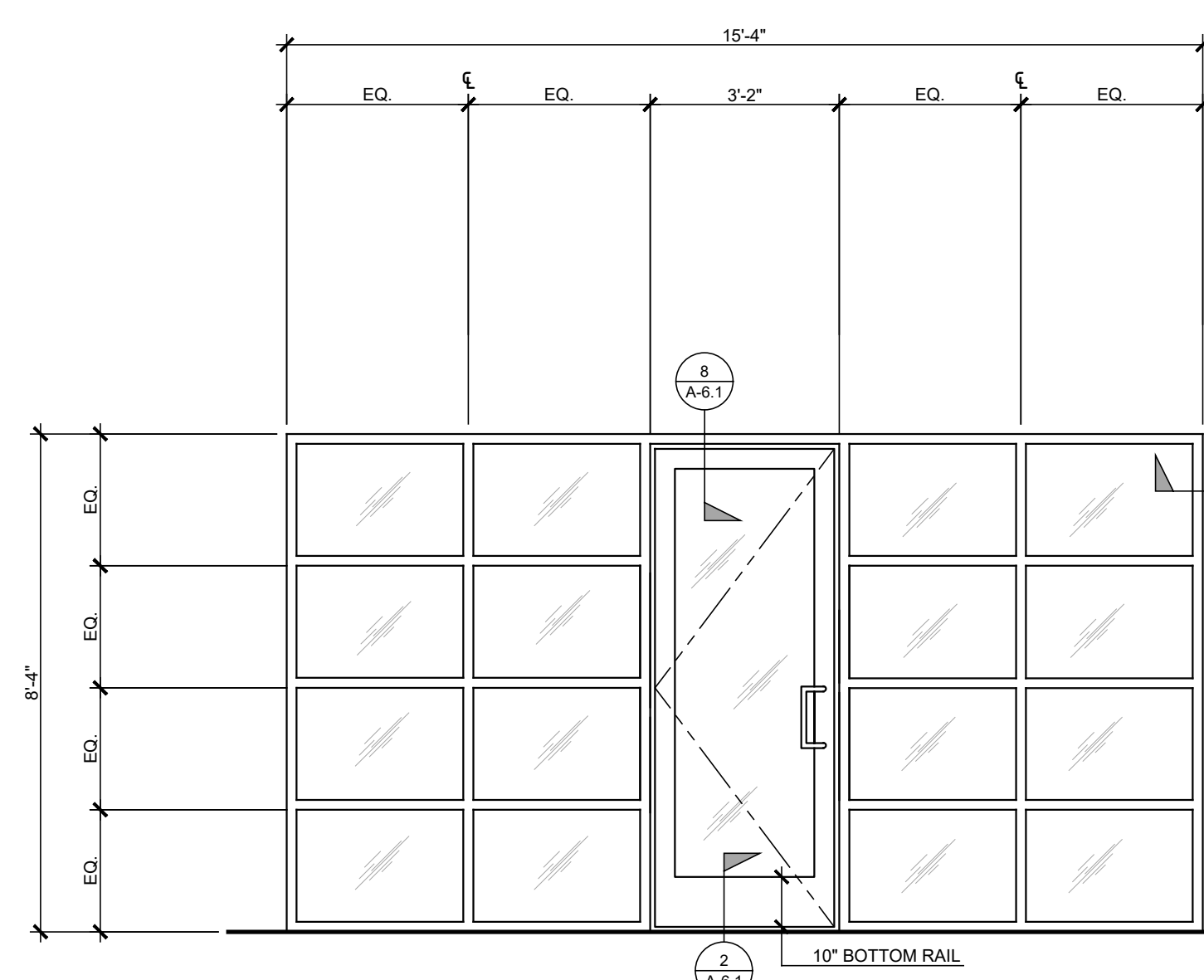
EXTERIOR STOREFRONT
MAIN ENTRY (QTY. 2)

- FRAME**
4" ALUMINUM
- FINISH**
BROWN ANODIZED
- GLASS**
DUAL PANE, ALL GLAZING TO BE TEMPERED
- DOOR**
72" x 96" x 1/2" THK. ALUM./TEMPERED GLASS
W/ 12" BRUSHED STAINLESS STEEL OFFSET
PULL HANDLE
4 EA. DBL. ACTING PIVOT HINGES-611, 4" WIDE
1 FLOOR STOP - FS17
3 EA. SILENCERS - SR64
1 EA. CLOSER - IT596 SERIES CONCEALED
HEADMOUNT
1 EA. DEAD BOLT



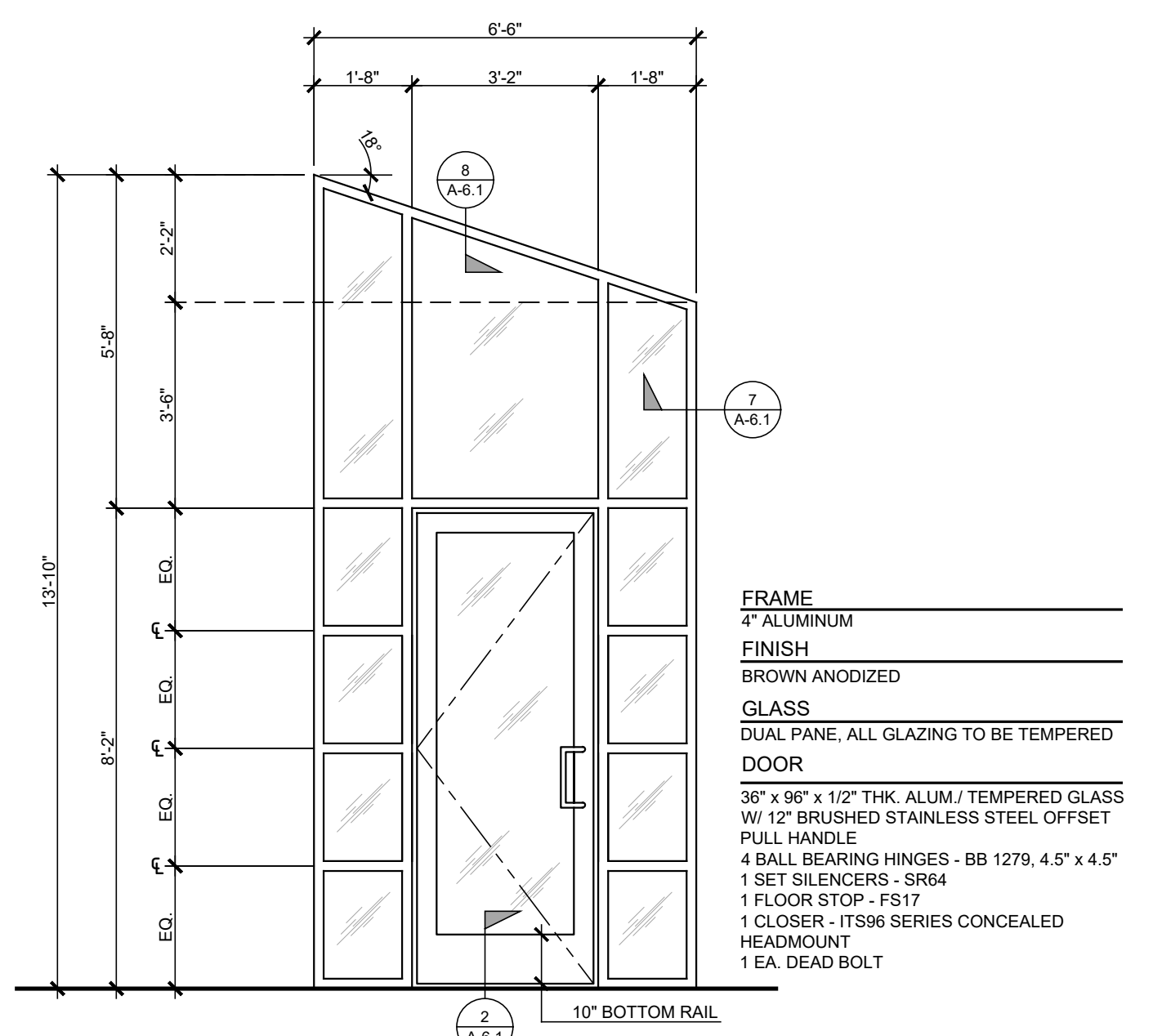
EXTERIOR STOREFRONT
COMMUNITY RM. (QTY. 1)

- FRAME**
4" ALUMINUM
- FINISH**
BROWN ANODIZED
- GLASS**
DUAL PANE, ALL GLAZING TO BE TEMPERED
- DOOR**
72" x 96" x 1/2" THK. ALUM./TEMPERED GLASS
W/ 12" BRUSHED STAINLESS STEEL OFFSET
PULL HANDLE
4 EA. DBL. ACTING PIVOT HINGES-611, 4" WIDE
1 FLOOR STOP - FS17
3 EA. SILENCERS - SR64
1 EA. CLOSER - IT596 SERIES CONCEALED
HEADMOUNT
1 EA. DEAD BOLT



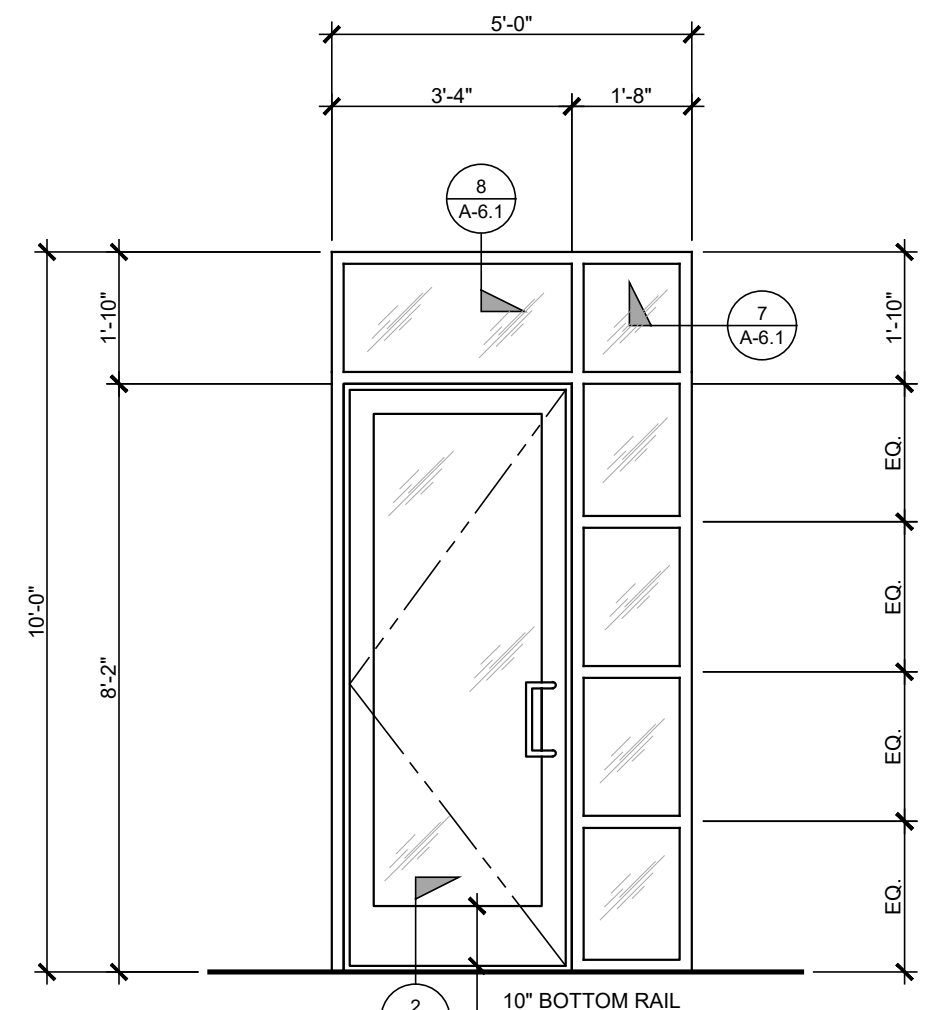
EXTERIOR STOREFRONT
BREAK RM. (QTY. 1)

- FRAME**
4" ALUMINUM
- FINISH**
BROWN ANODIZED
- GLASS**
DUAL PANE, ALL GLAZING TO BE TEMPERED
- DOOR**
36" x 96" x 1/2" THK. ALUM./TEMPERED GLASS
W/ 12" BRUSHED STAINLESS STEEL OFFSET
PULL HANDLE
4 BALL BEARING HINGES - BB 1279, 4.5" x 4.5"
1 SET SILENCERS - SR64
1 FLOOR STOP - FS17
1 CLOSER - IT596 SERIES CONCEALED
HEADMOUNT
1 EA. DEAD BOLT



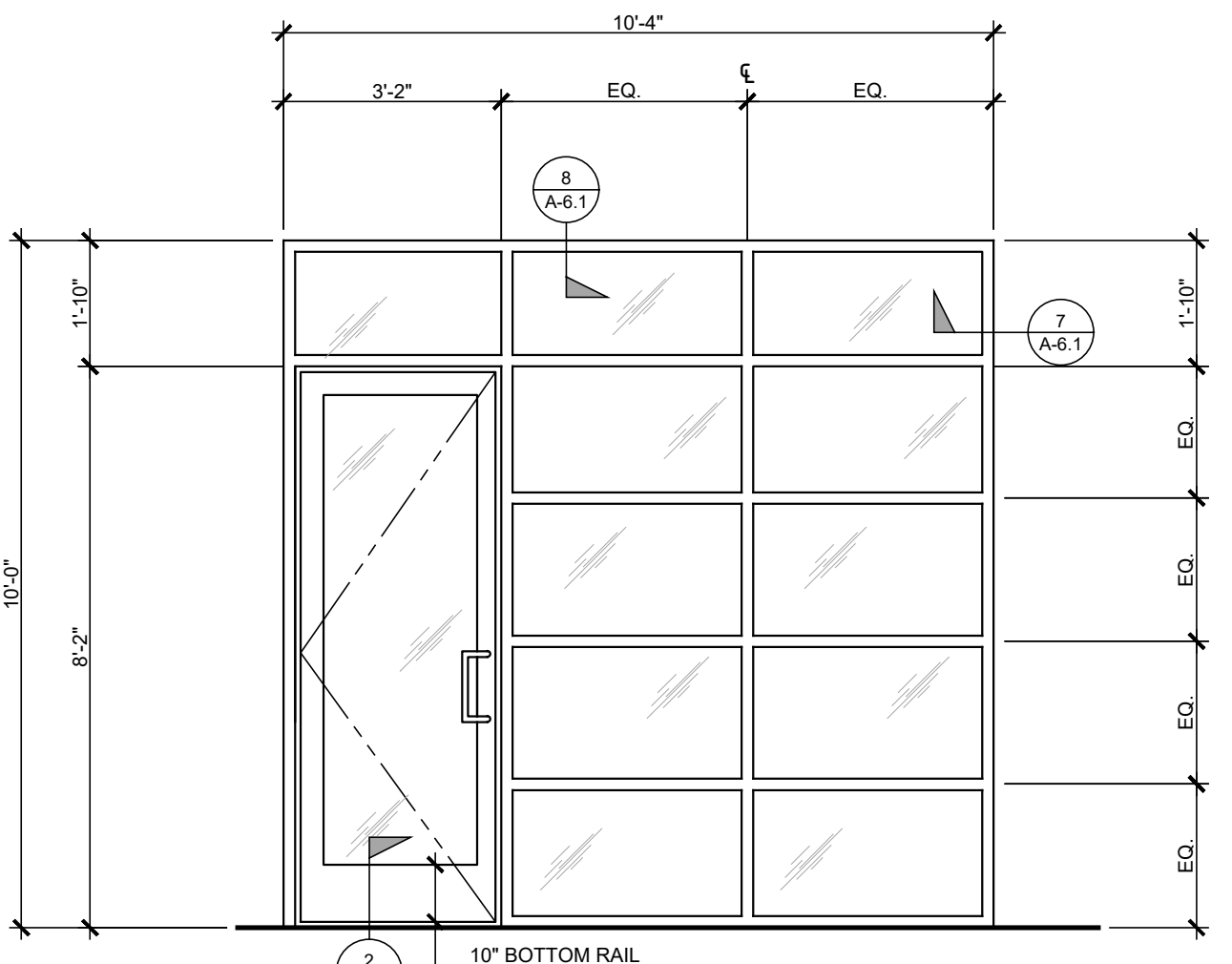
EXTERIOR STOREFRONT
VESTIBULE 1 MIRROR (QTY. 2)

- FRAME**
4" ALUMINUM
- FINISH**
BROWN ANODIZED
- GLASS**
DUAL PANE, ALL GLAZING TO BE TEMPERED
- DOOR**
36" x 96" x 1/2" THK. ALUM./TEMPERED GLASS
W/ 12" BRUSHED STAINLESS STEEL OFFSET
PULL HANDLE
4 BALL BEARING HINGES - BB 1279, 4.5" x 4.5"
1 SET SILENCERS - SR64
1 FLOOR STOP - FS17
1 CLOSER - IT596 SERIES CONCEALED
HEADMOUNT
1 EA. DEAD BOLT



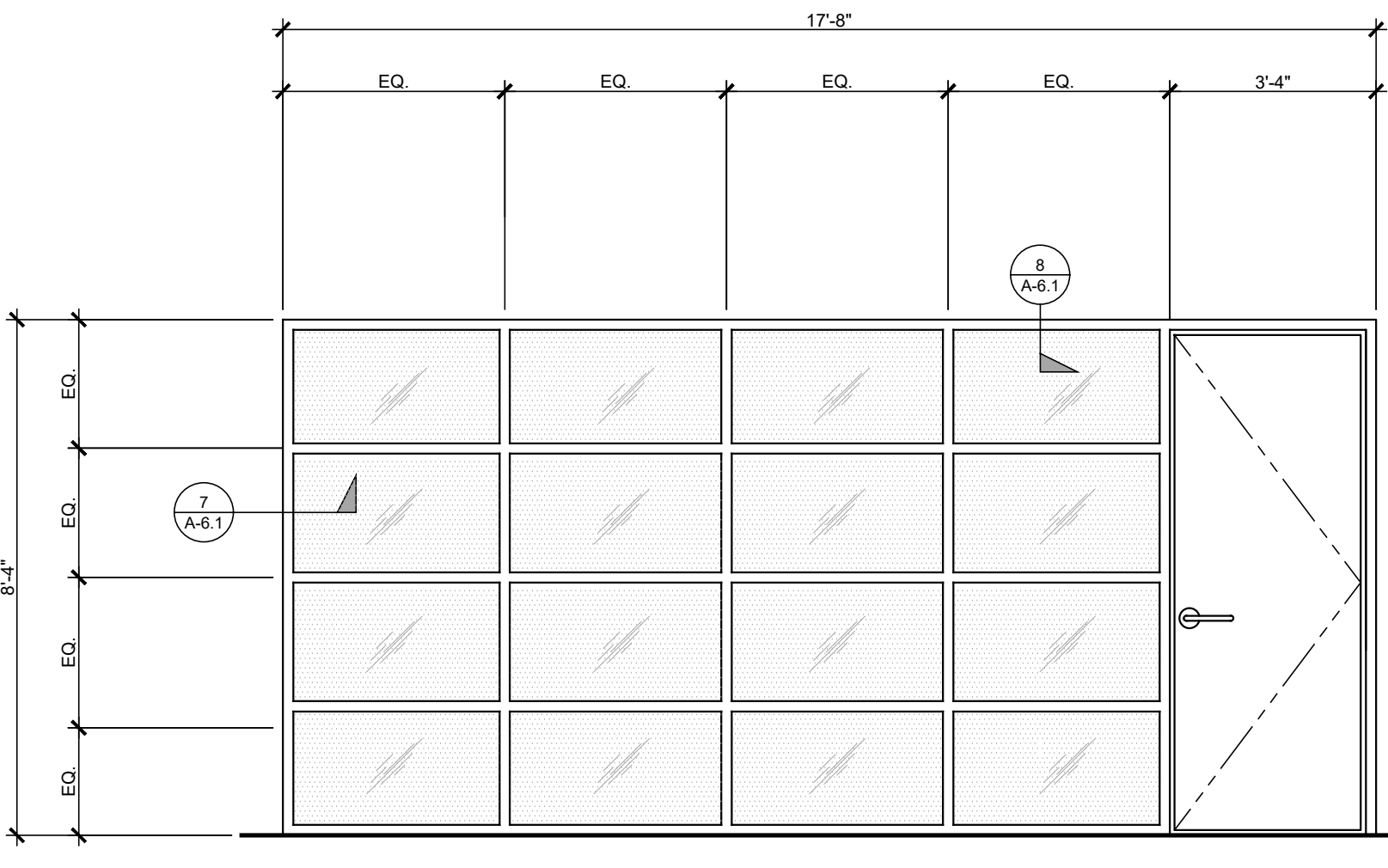
EXTERIOR STOREFRONT
REAR CORRIDOR (QTY. 1)

- FRAME**
4" ALUMINUM
- FINISH**
BROWN ANODIZED
- GLASS**
DUAL PANE, ALL GLAZING TO BE TEMPERED
- DOOR**
36" x 96" x 1/2" THK. ALUM./TEMPERED GLASS
W/ 12" BRUSHED STAINLESS STEEL OFFSET
PULL HANDLE
4 BALL BEARING HINGES - BB 1279, 4.5" x 4.5"
1 SET SILENCERS - SR64
1 FLOOR STOP - FS17
1 CLOSER - IT596 SERIES CONCEALED
HEADMOUNT
1 EA. DEAD BOLT



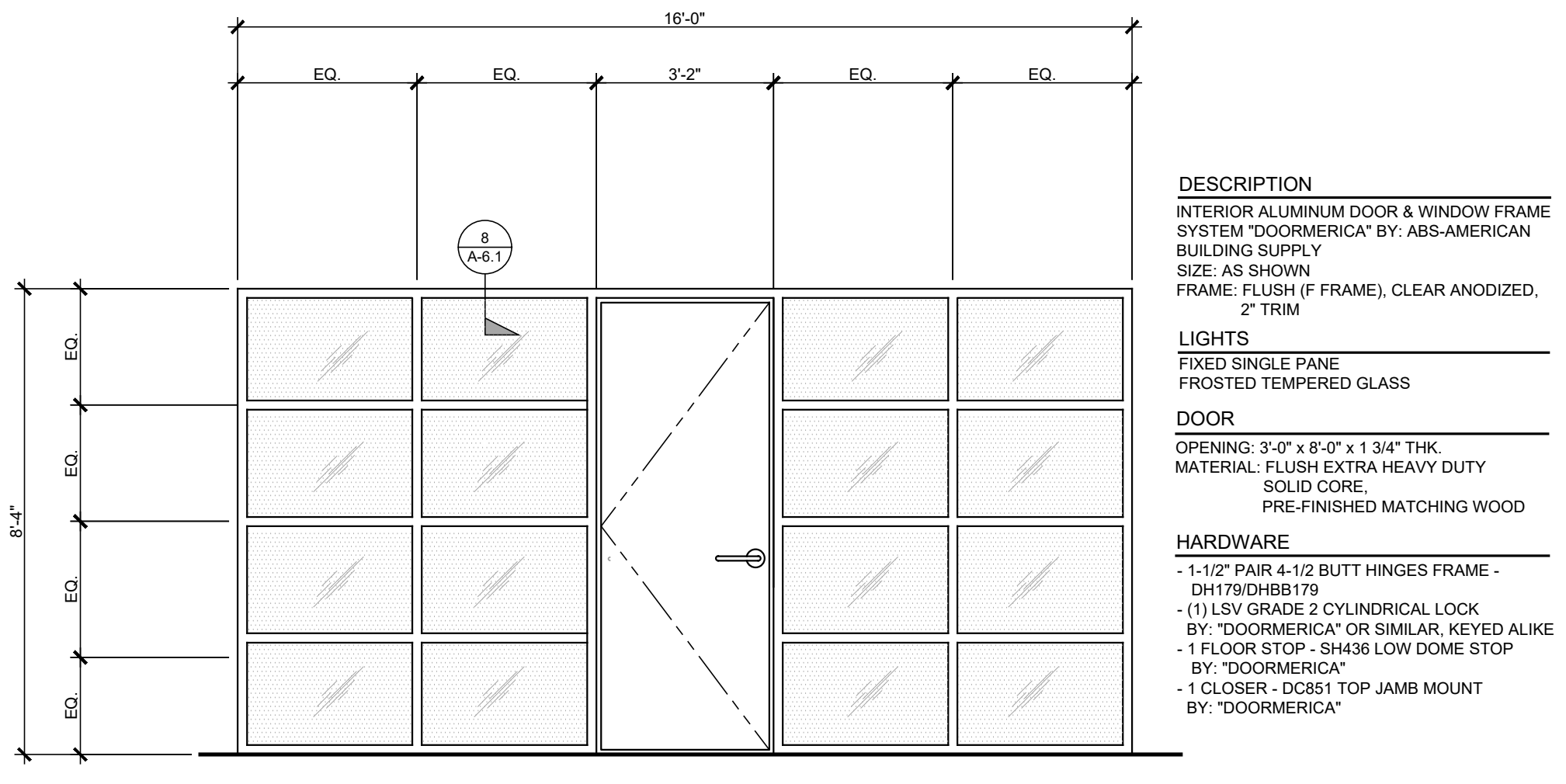
EXTERIOR STOREFRONT
EXPANSION AREA (QTY. 1)

- FRAME**
4" ALUMINUM
- FINISH**
BROWN ANODIZED
- GLASS**
DUAL PANE, ALL GLAZING TO BE TEMPERED
- DOOR**
36" x 96" x 1/2" THK. ALUM./TEMPERED GLASS
W/ 12" BRUSHED STAINLESS STEEL OFFSET
PULL HANDLE
4 BALL BEARING HINGES - BB 1279, 4.5" x 4.5"
1 SET SILENCERS - SR64
1 FLOOR STOP - FS17
1 CLOSER - IT596 SERIES CONCEALED
HEADMOUNT
1 EA. DEAD BOLT



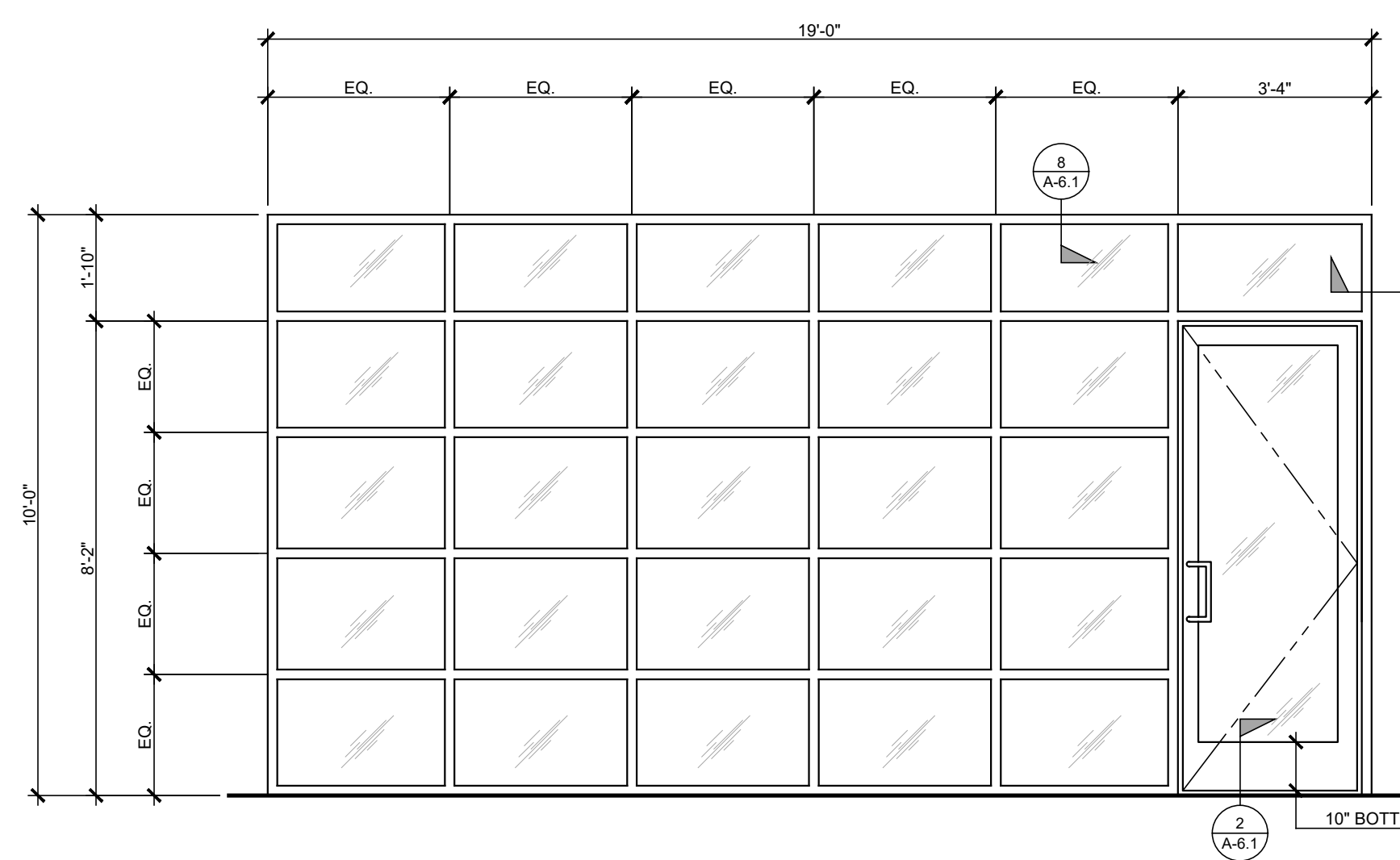
INTERIOR STOREFRONT
CONFERENCE RM. (QTY. 1)

- DESCRIPTION**
INTERIOR ALUMINUM DOOR & WINDOW FRAME
SYSTEM "DOORMERICA" BY ABS-AMERICAN
BUILDING SUPPLY
SIZE: AS SHOWN
FRAME: FLUSH (IF FRAME), CLEAR ANODIZED,
2" TRIM
- LIGHTS**
FIXED SINGLE PANE
FROSTED TEMPERED GLASS
- DOOR**
OPENING: 3'-0" x 8'-0" x 1 3/4" THK.
MATERIAL: FLUSH EXTRA HEAVY DUTY
SOLID CORE
PRE-FINISHED MATCHING WOOD
- HARDWARE**
- 1-1/2" PAIR 4-1/2 BUTT HINGES FRAME -
DH179DHB179
- (1) 1 1/2" GRADE 2 CYLINDRICAL LOCK
BY "DOORMERICA" OR SIMILAR, KEYED ALIKE
- 1 FLOOR STOP - SH66 LOW DOME STOP
BY "DOORMERICA"
- 1 CLOSER - DC851 TOP JAMB MOUNT
BY "DOORMERICA"



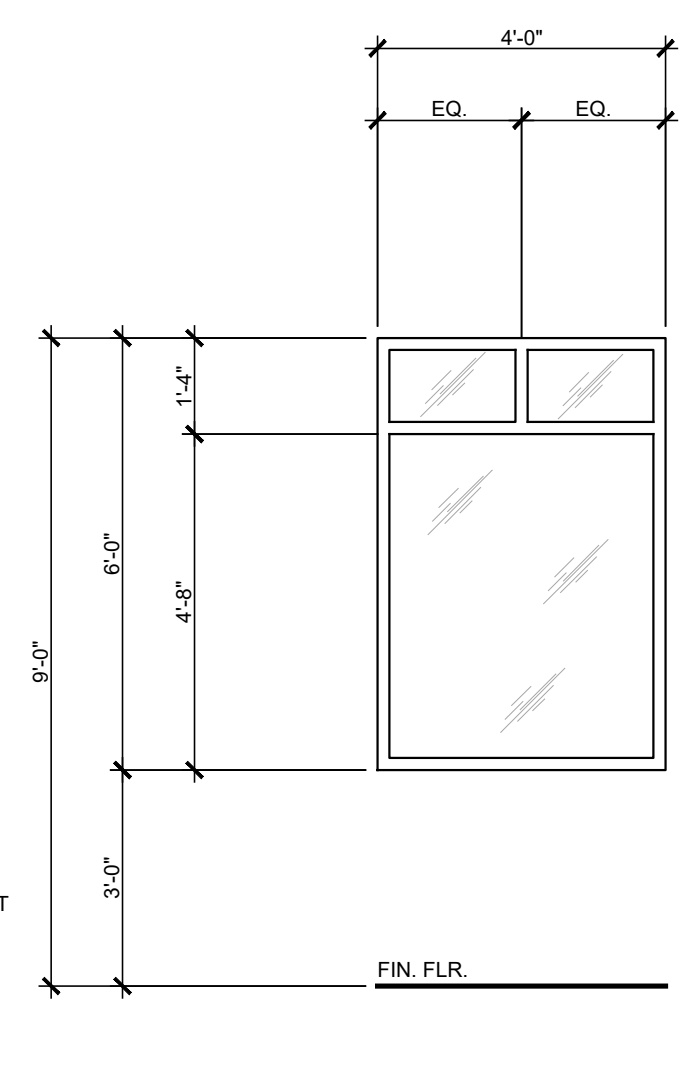
INTERIOR STOREFRONT
MULTI-PURPOSE RM. (QTY. 1)

- DESCRIPTION**
INTERIOR ALUMINUM DOOR & WINDOW FRAME
SYSTEM "DOORMERICA" BY ABS-AMERICAN
BUILDING SUPPLY
SIZE: AS SHOWN
FRAME: FLUSH (IF FRAME), CLEAR ANODIZED,
2" TRIM
- LIGHTS**
FIXED SINGLE PANE
FROSTED TEMPERED GLASS
- DOOR**
OPENING: 3'-0" x 8'-0" x 1 3/4" THK.
MATERIAL: FLUSH EXTRA HEAVY DUTY
SOLID CORE
PRE-FINISHED MATCHING WOOD
- HARDWARE**
- 1-1/2" PAIR 4-1/2 BUTT HINGES FRAME -
DH179DHB179
- (1) 1 1/2" GRADE 2 CYLINDRICAL LOCK
BY "DOORMERICA" OR SIMILAR, KEYED ALIKE
- 1 FLOOR STOP - SH66 LOW DOME STOP
BY "DOORMERICA"
- 1 CLOSER - DC851 TOP JAMB MOUNT
BY "DOORMERICA"



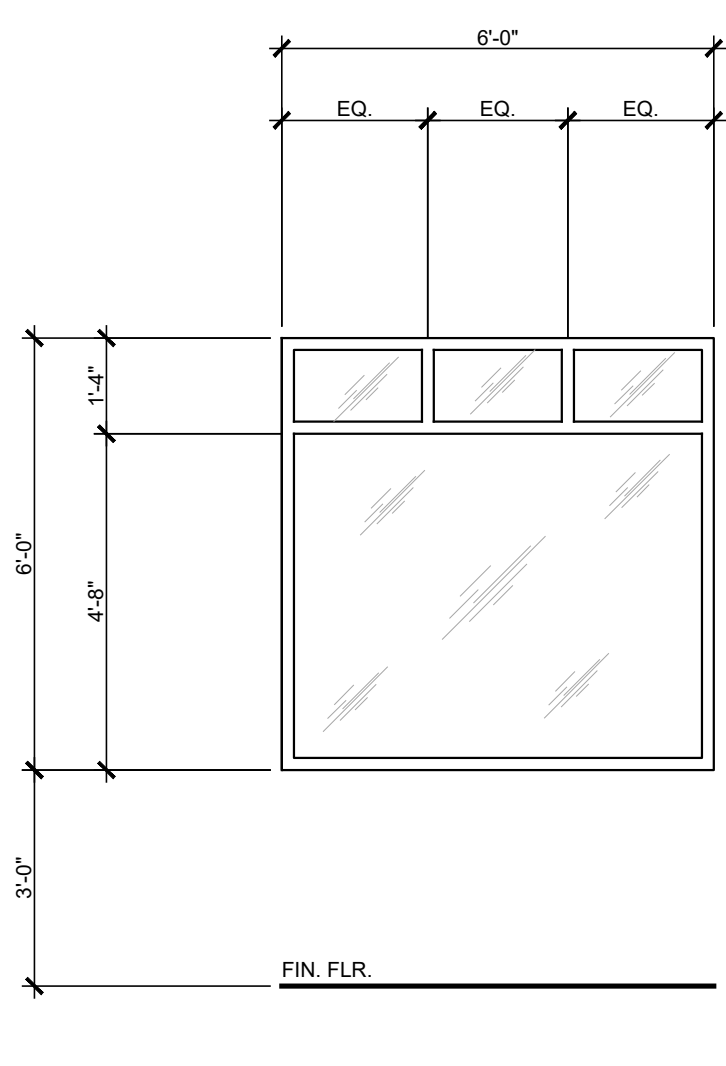
INTERIOR STOREFRONT
COMMUNITY ROOM (QTY. 1)

- FRAME**
4" ALUMINUM
- FINISH**
CLEAR ANODIZED
- GLASS**
DUAL PANE, ALL GLAZING TO BE TEMPERED
- DOOR**
36" x 96" x 1/2" THK. ALUM./TEMPERED GLASS
W/ 12" BRUSHED STAINLESS STEEL OFFSET
PULL HANDLE
4 BALL BEARING HINGES - BB 1279, 4.5" x 4.5"
1 SET SILENCERS - SR64
1 FLOOR STOP - FS17
1 CLOSER - IT596 SERIES CONCEALED
HEADMOUNT
1 EA. DEAD BOLT



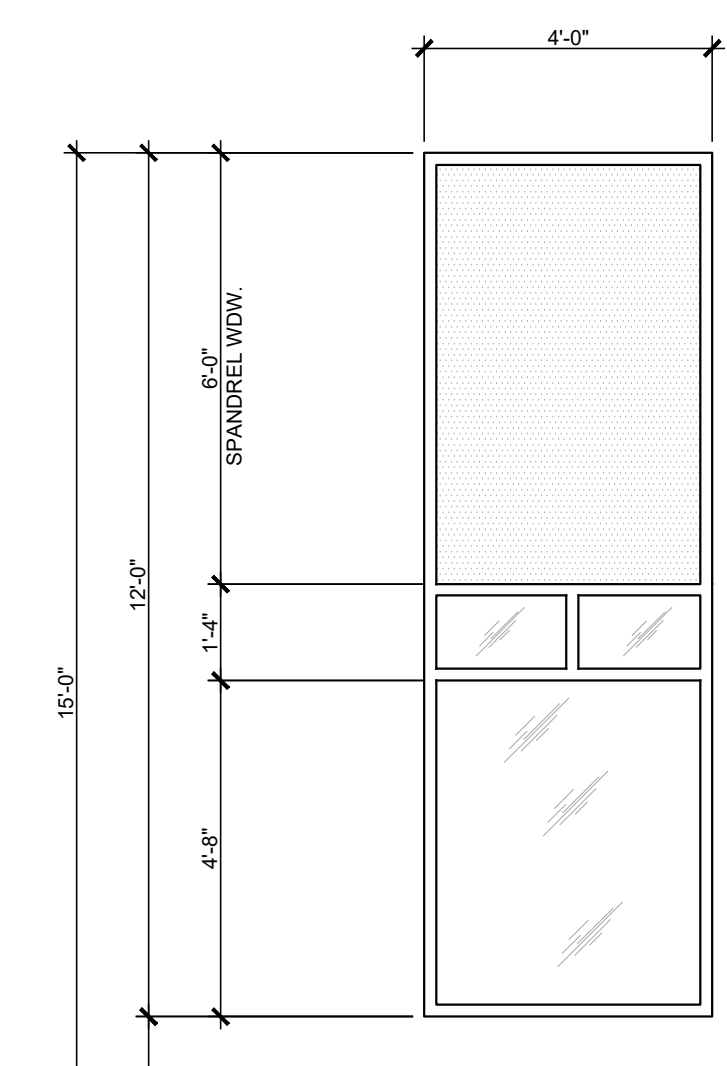
EXT. WINDOW
FRONT OF BLDG (QTY. 9)

- LIGHTS**
FIXED
- FRAME**
4" ALUMINUM
- FINISH**
CLEAR ANODIZED
- GLAZING**
DUAL PANE, ALL GLAZING TO BE TEMPERED



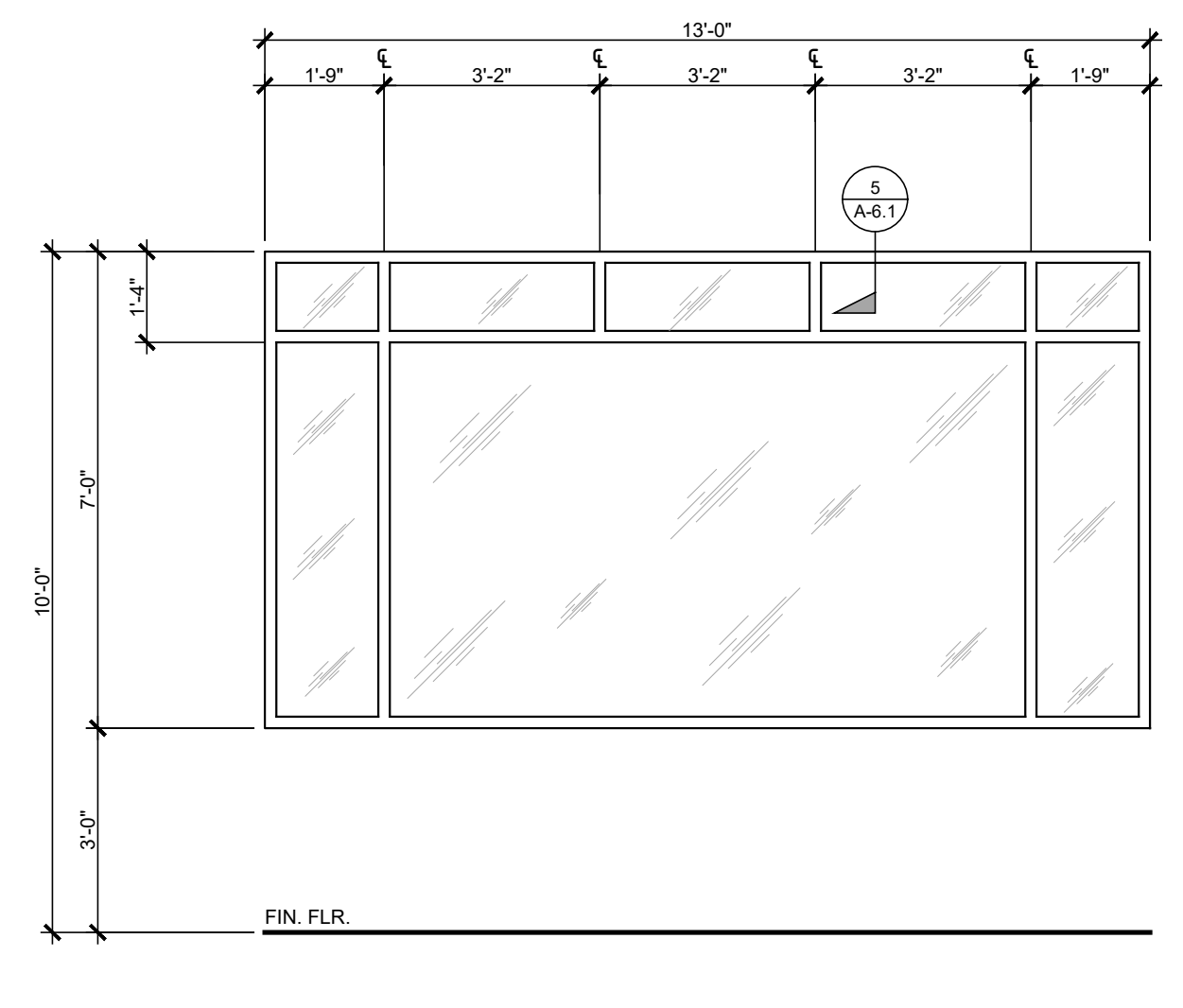
EXT. WINDOW
REAR & LEFT OF BLDG (QTY. 10)

- LIGHTS**
FIXED
- FRAME**
4" ALUMINUM STORE FRONT
- FINISH**
BROWN ANODIZED
- GLAZING**
DUAL PANE, ALL GLAZING TO BE TEMPERED



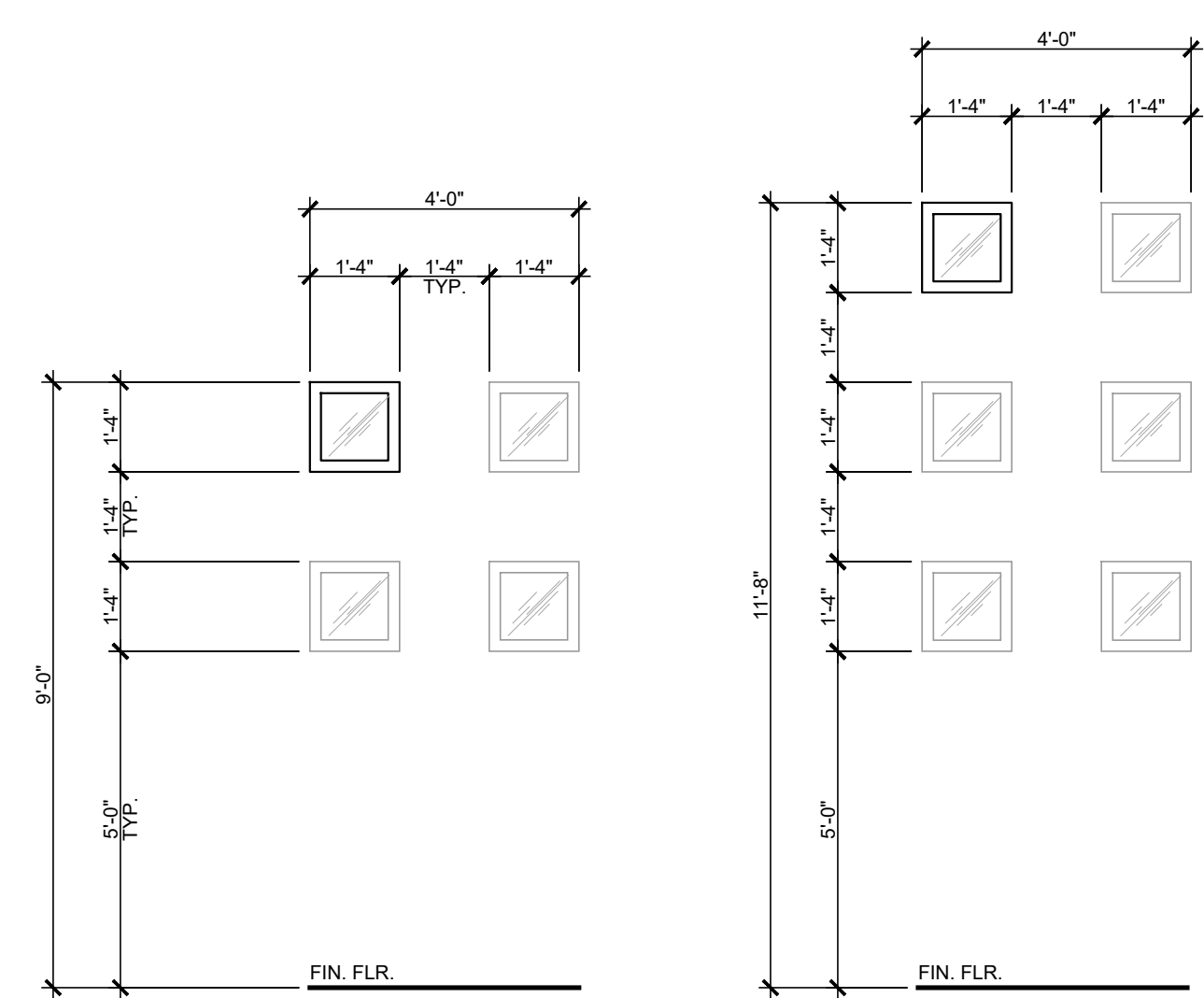
EXT. WINDOW
ENGINEER'S MNGR. EXPANSION AREA (QTY. 9)

- LIGHTS**
FIXED
- FRAME**
4" ALUMINUM STORE FRONT
- FINISH**
BROWN ANODIZED
- GLAZING**
DUAL PANE, ALL GLAZING TO BE TEMPERED. SPANDREL WDW. @ UPPER PORTION



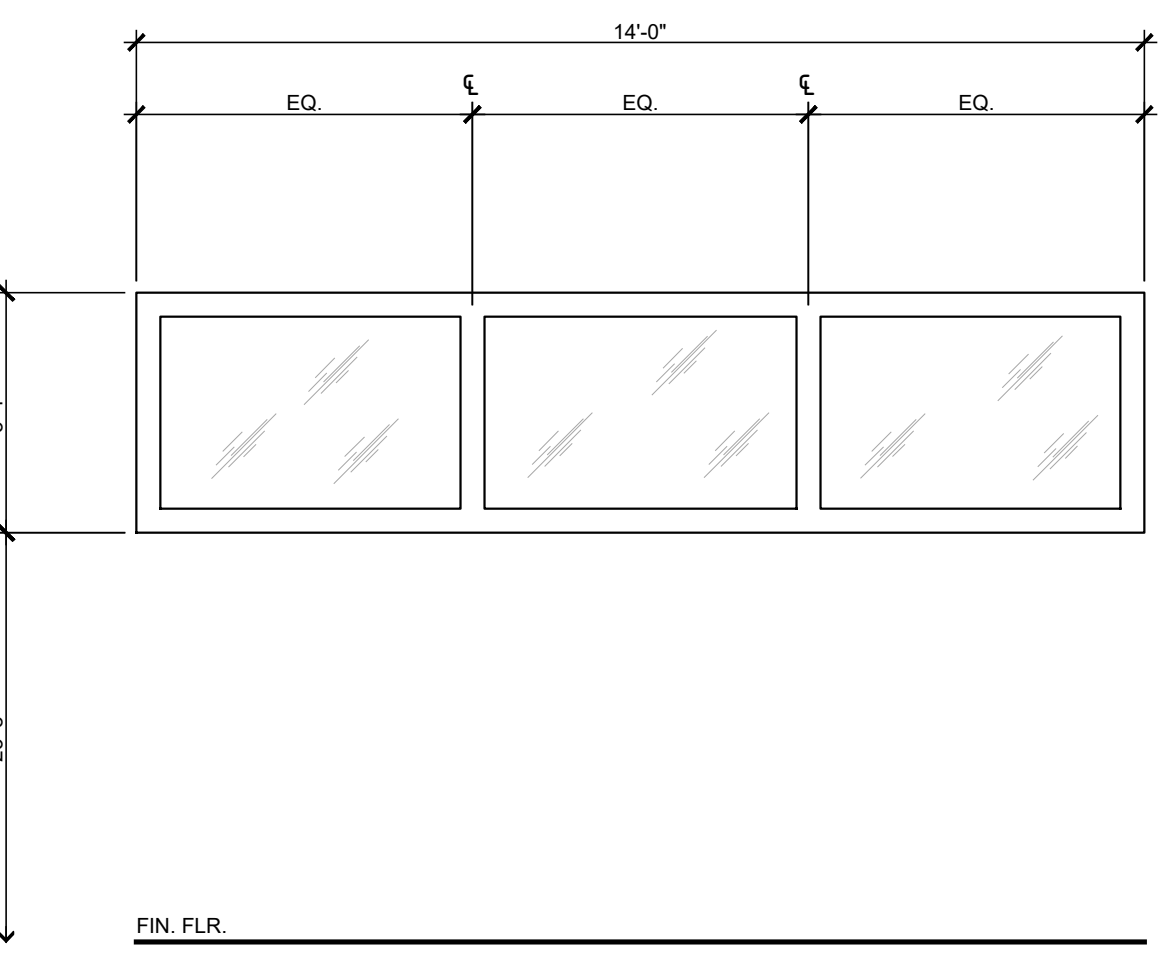
EXT. WINDOW
VESTIBULE (QTY. 1)

- LIGHTS**
FIXED
- FRAME**
4" ALUMINUM STORE FRONT
- FINISH**
BROWN ANODIZED
- GLAZING**
DUAL PANE, ALL GLAZING TO BE TEMPERED



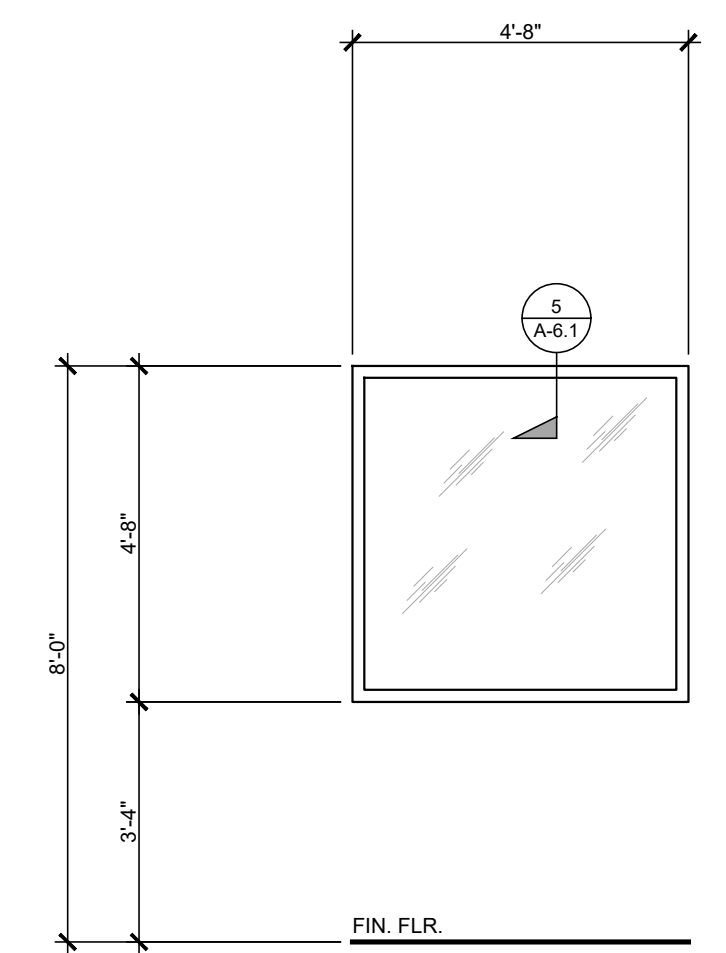
EXT. WINDOW
FRONT OF BLDG (QTY. 24)

- LIGHTS**
FIXED
- FRAME**
4" ALUMINUM STORE FRONT
- FINISH**
BROWN ANODIZED
- GLAZING**
DUAL PANE, ALL GLAZING TO BE TEMPERED
- REMARKS**
SIMILAR WINDOWS TO BE
INSTALL FOLLOWING THE
TYP. DISTANCES &
DISTRIBUTION, PER EXT.
ELEVATIONS



TOWER CURTAIN WALL
TOWER (QTY. 4)

- LIGHTS**
FIXED
- FRAME**
4" ALUMINUM
- FINISH**
BROWN ANODIZED
- GLAZING**
DUAL PANE, ALL GLAZING TO BE TEMPERED



INT. WINDOW
CONTROL RM. (QTY. 1)

- LIGHTS**
FIXED
- FRAME**
4" ALUMINUM
- FINISH**
BROWN ANODIZED
- GLAZING**
DUAL PANE

STEENO
DESIGN STUDIO INC.
ARCHITECTURE DESIGN PLANNING
11774 HESPERIA ROAD, SUITE B • HESPERIA, CA 92345
PHONE (760) 244-5001 • FAX (760) 244-1948
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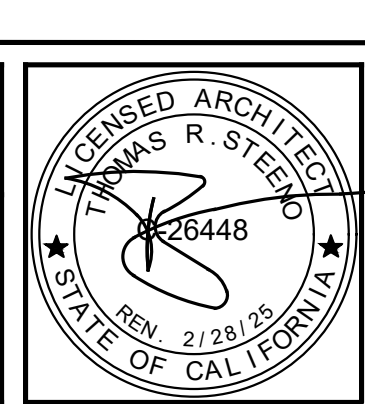
DATE FINISHED
MAY 2022

REVISIONS

1	DEV. CODE_021422
2	BLDG. CODE_021422
3	BLDG. CODE_080822
4	ELECTRICAL_093022
5	MECHANICAL_093022
6	STRUCTURAL_01242023

THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA BUILDING CODE WHICH SUPERSEDES THE 2016 CALIFORNIA BUILDING CODE AND THE 2019 ENERGY STANDARDS.

THESE DOCUMENTS AND THE INCORPORATED REFERENCES ARE INSTRUMENT OF SERVICE AND THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY USE, IN WHOLE OR IN PART FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.



PROJECT: CIVIC CENTER BUILDING

PHELAN PIÑON HILLS C.S.D.

SITE ADDRESS:
A.P.N. 3086-261-10
9535 SHEEP CREEK ROAD,
PHELAN, CA 92329

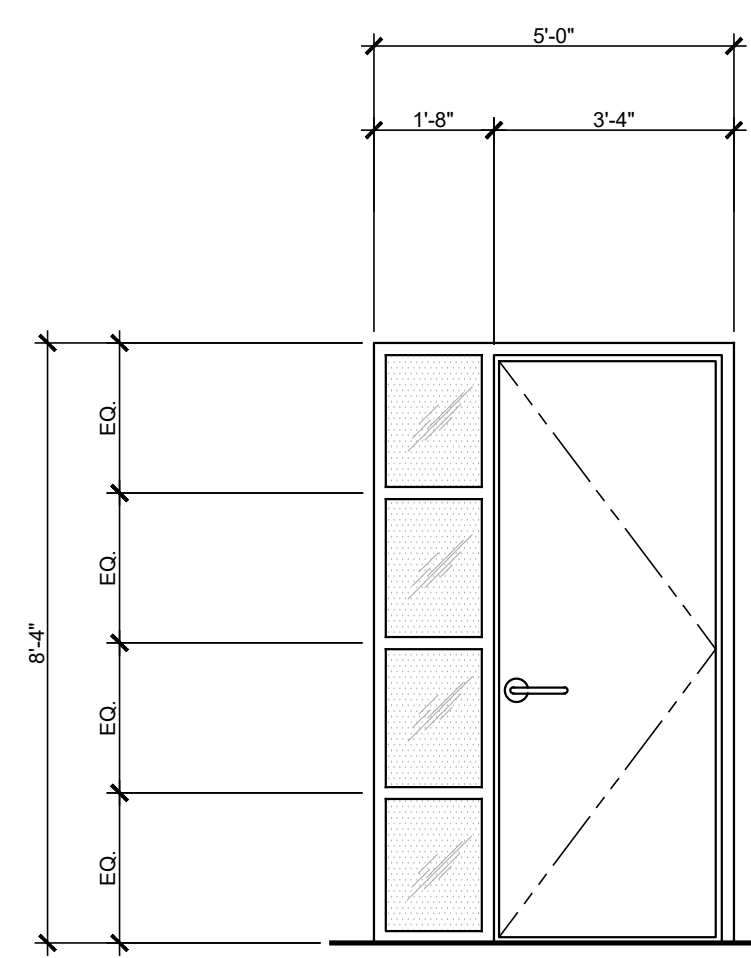
CONTACT:
DON BARTZ

JOB NO.
COM20-L01/01

SHEET NAME:
DOOR & WINDOW SCHEDULE

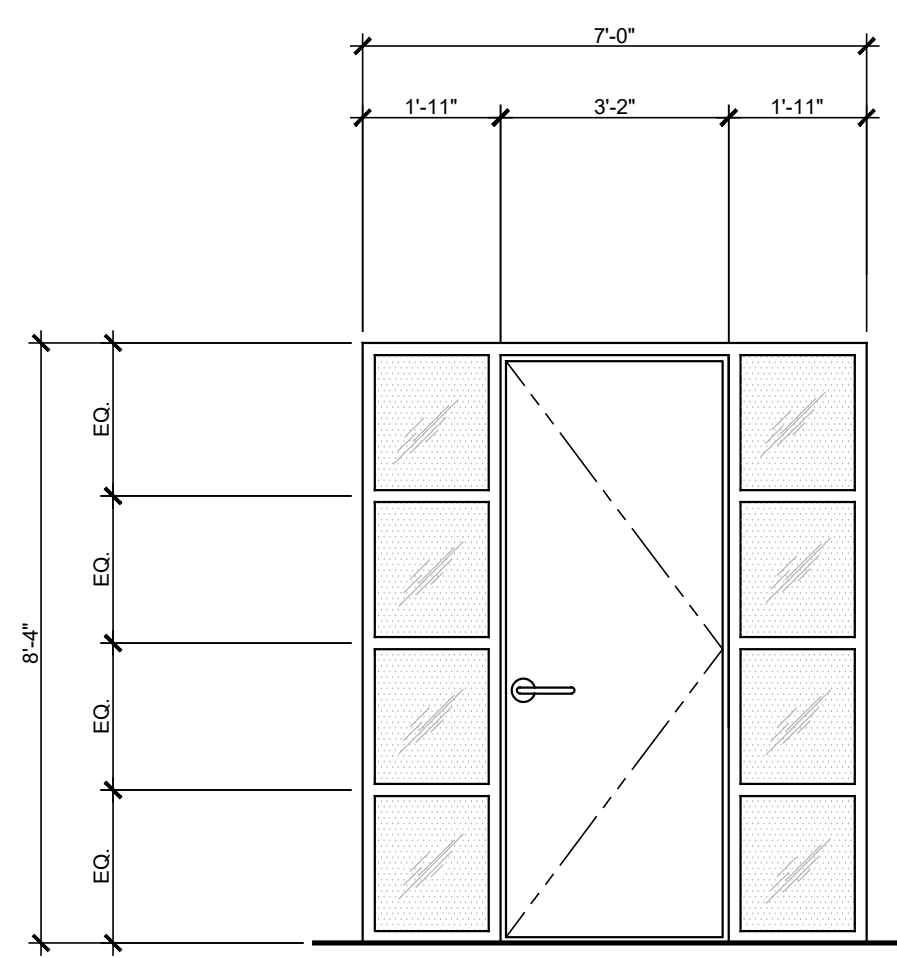
PAGE
A-6

S:\2020 Aprojects\02 - Commercial\L - P\01 - PPHCS_D_Phelan Pinon Hills Community Service District\01 - Civic Admin Bldg\VA-6.1 Window & Door Schedule_PPHCS_D_Civic Center.dwg, 2/14/2023 2:32:11 PM, DWG To PDF



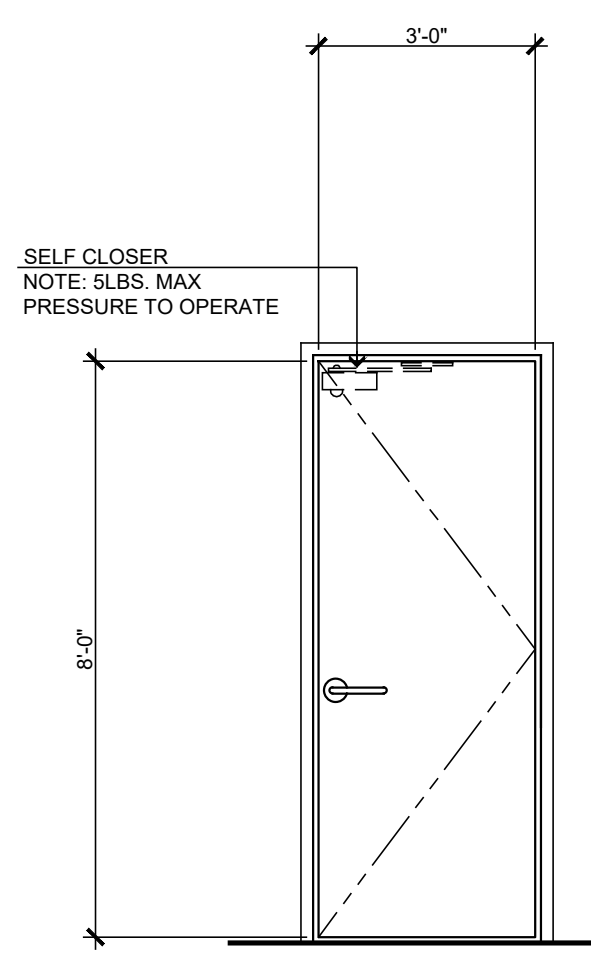
DESCRIPTION
 INTERIOR ALUMINUM DOOR & WINDOW FRAME SYSTEM "DOORMERICA" BY ABS-AMERICAN BUILDING SUPPLY SIZE AS SHOWN
 FRAME: FLUSH (F FRAME), CLEAR ANODIZED, 2" TRIM
LIGHTS
 FIXED SINGLE PANE
 FROSTED TEMPERED GLASS
DOOR
 OPENING: 3'-0" x 8'-0" x 1 3/4" THK
 MATERIAL: FLUSH EXTRA HEAVY DUTY SOLID CORE, PRE-FINISHED MATCHING WOOD
HARDWARE
 - 1-1/2" PAIR 4-1/2 BUTT HINGES FRAME - DH170DHBB179
 - (1) LSV GRADE 2 CYLINDRICAL LOCK BY "DOORMERICA" OR SIMILAR KEYPED ALIKE
 - 1 FLOOR STOP - SH436 LOW DOME STOP BY "DOORMERICA"
 - 1 CLOSER - DC811 TOP JAMB MOUNT BY "DOORMERICA"
 - 1 800 SERIES GRADE 1 DEADBOLT BY "DOORMERICA" (AT ENTRY AND COMMUNITY ROOM TO CORRIDOR ONLY)
REMARKS
 DEADBOLT AT ENTRY AND COMMUNITY ROOM TO CORRIDOR ONLY

INT. DOOR ASSEMBLY (1)
 VARIOUS (QTY. 8) MIRRORED - 10



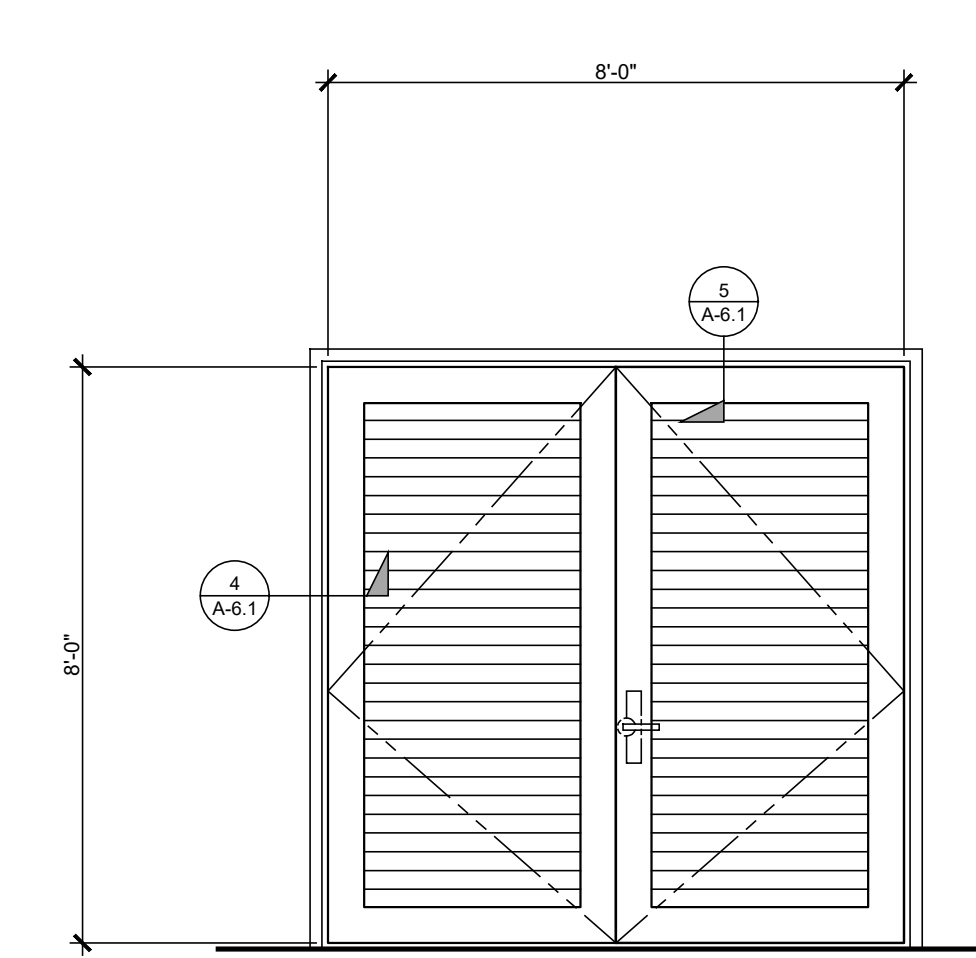
DESCRIPTION
 INTERIOR ALUMINUM DOOR & WINDOW FRAME SYSTEM "DOORMERICA" BY ABS-AMERICAN BUILDING SUPPLY SIZE AS SHOWN
 FRAME: FLUSH (F FRAME), CLEAR ANODIZED, 2" TRIM
LIGHTS
 FIXED SINGLE PANE
 FROSTED TEMPERED GLASS
DOOR
 OPENING: 3'-0" x 8'-0" x 1 3/4" THK
 MATERIAL: FLUSH EXTRA HEAVY DUTY SOLID CORE, PRE-FINISHED MATCHING WOOD
HARDWARE
 - 1-1/2" PAIR 4-1/2 BUTT HINGES FRAME - DH170DHBB179
 - (1) LSV GRADE 2 CYLINDRICAL LOCK BY "DOORMERICA" OR SIMILAR KEYPED ALIKE
 - 1 FLOOR STOP - SH436 LOW DOME STOP BY "DOORMERICA"
 - 1 CLOSER - DC811 TOP JAMB MOUNT BY "DOORMERICA"

INT. DOOR ASSEMBLY (2)
 BREAK RM. (QTY. 1)



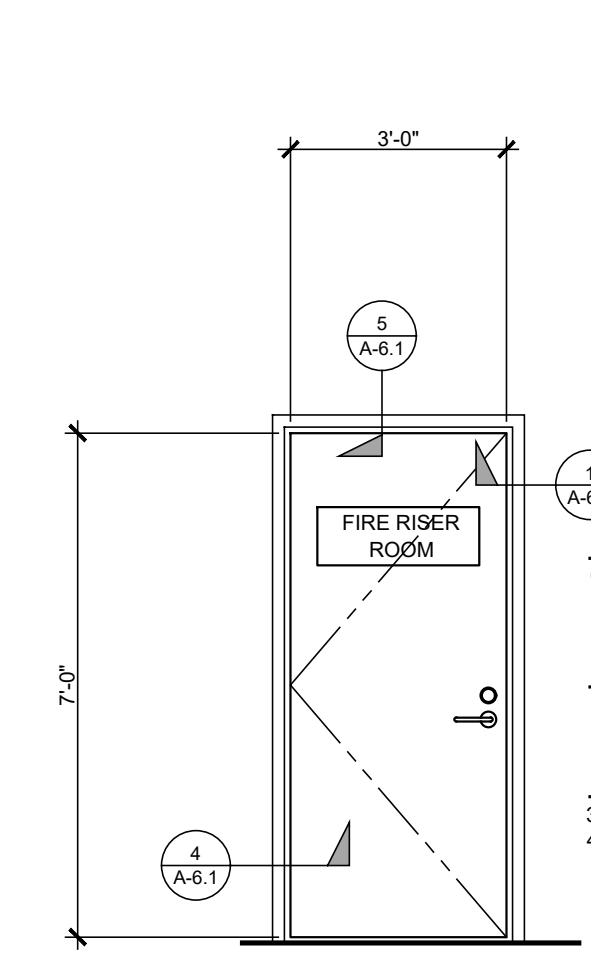
DOOR
 36" x 96" x 1 3/4" THK
 SOLID CORE
 PRE-FINISHED WOOD
FRAME
 MATERIAL: BY "TIMELY" MODEL # TA-23
 COLOR: CLEAR ANODIZED
HARDWARE
 - 4 BALL BEARING HINGES - BB 1279, 4.5" x 4.5"
 - 1 SET SILENCERS - SR64
 - 1 FLOOR STOP - FS17
 - 1 CLOSER - ITSM SERIES
 CONCEALED HEADMOUNT

DOOR (3)
 VARIOUS (QTY. 6)



DOOR
 OPENING: 6'-0" x 7'-0" x 1 3/4"
 MATERIAL: H.C. METAL OR 4 JAMB
 FULLY LOUVERED W/ FILTER
 RACKS ON INTERIOR SIDE
 FINISH: PAINT TO MATCH BUILDING
FRAME
 MATERIAL: BY "TIMELY" MODEL # TA-23
 COLOR: BROWN
HARDWARE
 HINGES: 1-1/2 PAIR HAGER, BUTT BB
 1279, 26D CLOSER, LCN, 1461 ALUMINUM
 (2) FLOOR STOP: HAGER, 24F, US28
 (2) BRUSHED STAINLESS LEVER SET BY "CAL-ROYAL", KEYPED ALIKE

DOOR (4)
 GENERATOR / ELECTRIC ROOM (QTY. 1)

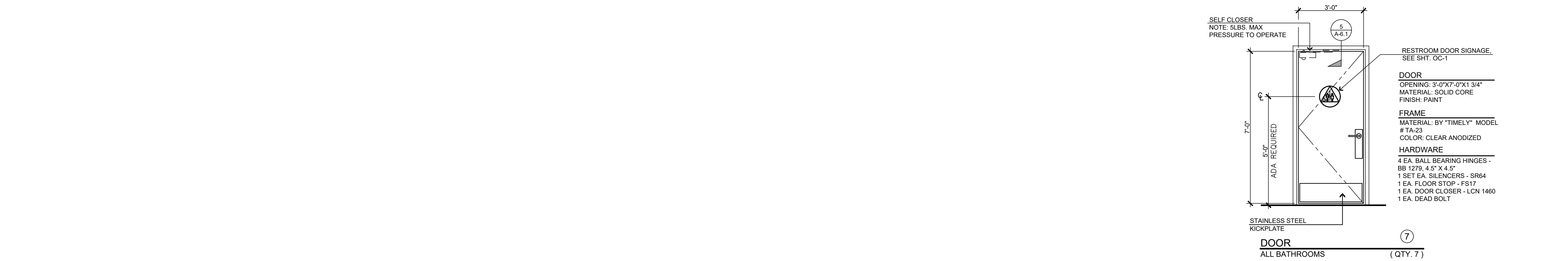


DOOR
 OPENING: 3'-0" x 7'-0" x 1 3/4"
 MATERIAL: H.C. METAL DOOR
 FINISH: PAINT TO MATCH EXTERIORS
FRAME
 MATERIAL: BY "TIMELY" MODEL # TA-23
 COLOR: BROWN
HARDWARE
 3 4A BALL BEARING HINGES - BB1279,
 4.5" x 4.5", 1 DEADBOLT

DOOR (5)
 RISER RM. (QTY. 1)

DOOR NOTES

- EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. THE PATH OF EGRESS TRAVEL TO EXITS AND WITHIN EXITS SHALL BE MARKED BY READILY VISIBLE EXIT SIGNS TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL IN CASES WHERE THE EXIT OR THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS. INTERVENING MEANS OF EGRESS DOORS WITHIN EXITS SHALL BE MARKED BY EXIT SIGNS. EXIT SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN AN EXIT ACCESS CORRIDOR OR EXIT PASSAGEWAY IS MORE THAN 100 FEET (30.480 MM) OR THE LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT. CBC 1013.1. ALL REQUIRED EXIT DOORS TO HAVE PANIC HARDWARE
- EXIT SIGNS SHALL BE INTERNALLY ILLUMINATED. CBC 1013.3
- IN BUILDINGS IN OCCUPANCY GROUP A HAVING AN OCCUPANT LOAD OF 300 OR LESS, GROUPS B, F, M AND S, AND IN PLACES OF RELIGIOUS WORSHIP, THE MAIN DOOR OR DOORS ARE PERMITTED TO BE EQUIPPED WITH KEY-OPERATED LOCKING DEVICES FROM THE EGRESS SIDE PROVIDED:
 - A READILY VISIBLE DURABLE SIGN IS POSTED ON THE EGRESS SIDE ON OR ADJACENT TO THE DOOR STATING THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED. THE SIGN SHALL BE IN LETTERS 1 INCH (25.4 MM) HIGH ON A CONTRASTING BACKGROUND.
 - THE USE OF THE KEY-OPERATED LOCKING DEVICE IS REVOCABLE BY THE BUILDING OFFICIAL FOR DUE CAUSE. CBC 1010.10.3
- EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. CBC 1010.1.9
- THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE SHALL BE AS FOLLOWS:
 - INTERIOR HINGED DOORS AND GATES: 5 POUNDS (22.2 N) MAXIMUM.
 - SLIDING OR FOLDING DOORS: 5 POUNDS (22.2 N) MAXIMUM.
 - REQUIRED FIRE DOORS: THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS (68.7 N).
 - EXTERIOR HINGED DOORS: 5 POUNDS (22.2 N) MAXIMUM. CBC 118-44.2.9
- SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES (254 MM) OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACES SHALL BE W/ IN 1/16 INCH (1.6 MM) OF THE SAME PLANE AS THE OTHER & BE FREE OF SHARP OR ABRASIVE EDGES. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CAPPED. CBC 118-44.2.10
- THE FORCE FOR PUSHING OR PULLING OPEN INTERIOR SWINGING EGRESS DOORS, OTHER THAN FIRE DOORS, SHALL NOT EXCEED 5 POUNDS (22 N). THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISengage OTHER DEVICES THAT HOLD THE DOOR IN A CLOSED POSITION. FOR OTHER SWINGING DOORS, AS WELL AS SLIDING AND FOLDING DOORS, THE DOOR LATCH SHALL RELEASE WHEN SUBJECTED TO A 15-POUND (67 N) FORCE. THE DOOR SHALL BE SET IN MOTION WHEN SUBJECTED TO A 30-POUND (133 N) FORCE. THE DOOR SHALL SWING TO A FULL-OPEN POSITION WHEN SUBJECTED TO A 15-POUND (67 N) FORCE. CBC 1010.1.3
- HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL COMPLY WITH SECTION 118-309.4. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES (864 MM) MINIMUM AND 44 INCHES (1118 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. CBC 118-44.2.7
- CHANGES IN LEVEL BETWEEN 1/4 INCH (6.4 MM) HIGH MINIMUM AND 1/2 INCH (12.7 MM) HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. CBC 118-303.3. FLOOR LANDING NOT MORE THAN 1/2" @. DISABLE ACCESS IS REQUIRED BELOW THE THRESHOLD IS REQUIRED ON EACH SIDE OF AN EXIT DOOR.
- THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2 INCH (12.7 MM) HIGH MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH SECTIONS 118-302 AND 118-303
- A SIGN SHALL BE ABOVE THE PRIMARY ENTRANCE INDICATING THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED. THE SIGNAGE SHALL BE IN LETTERS 1" HIGH ON CONTRASTING BACKGROUND
- THE LOCKING DEVICE IS READILY DISTINGUISHABLE AS LOCKED OR UNLOCKED.
- THE USE OF THE KEY-OPERATED LOCKING DEVICE IS REVOCABLE BY THE BUILDING OFFICIAL FOR DUE CAUSE.



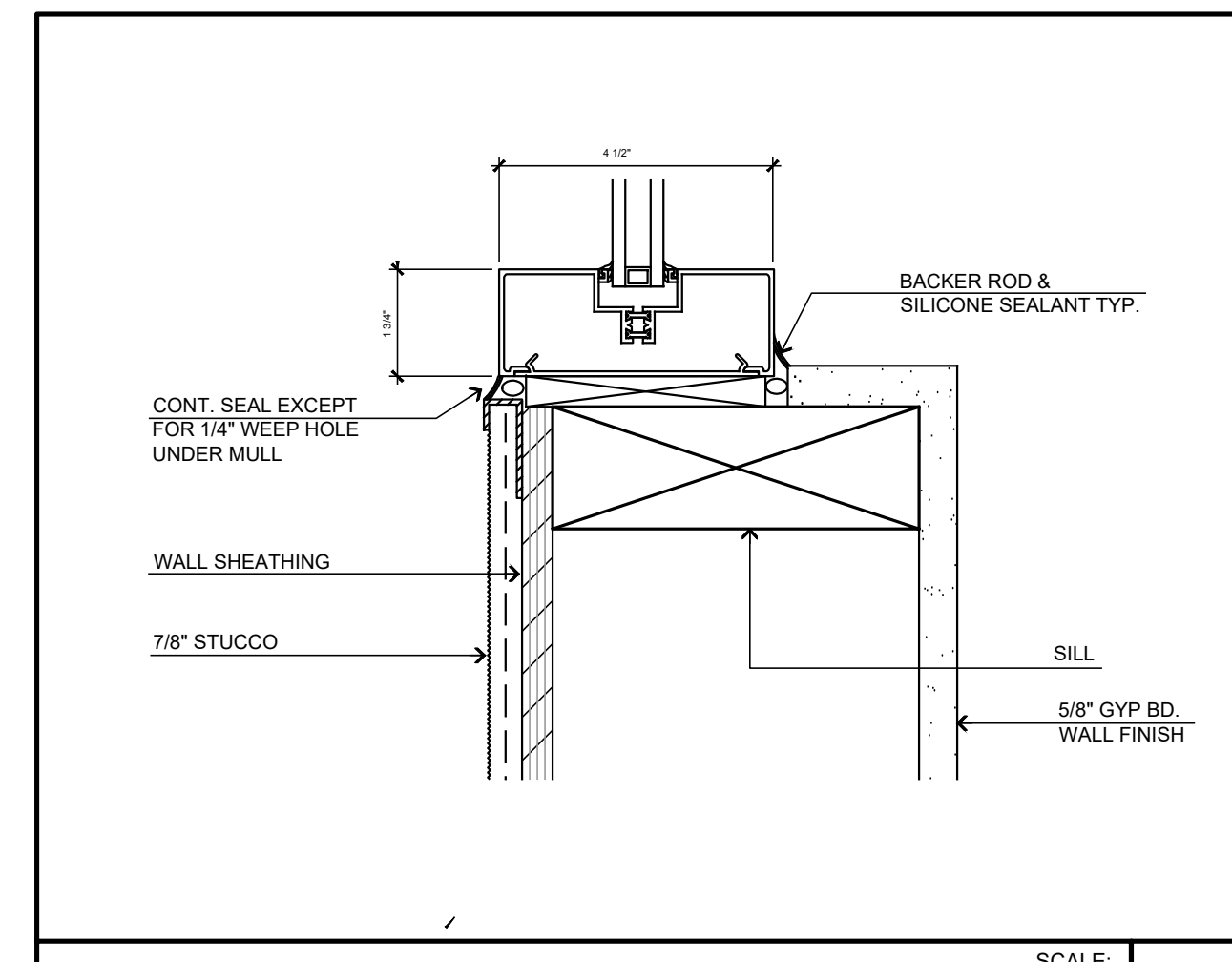
SELF CLOSER
 NOTE: SLBS MAX PRESSURE TO OPERATE

DOOR
 OPENING: 3'-0" x 7'-0" x 1 3/4"
 MATERIAL: SOLID CORE
 FINISH: PAINT
FRAME
 MATERIAL: BY "TIMELY" MODEL # TA-23
 COLOR: CLEAR ANODIZED
HARDWARE
 4 EA. BALL BEARING HINGES - BB 1279, 4.5" x 4.5"
 1 SET EA. SILENCERS - SR64
 1 EA. FLOOR STOP - FS17
 1 EA. DOOR CLOSER - LCN 1460
 1 EA. DEAD BOLT

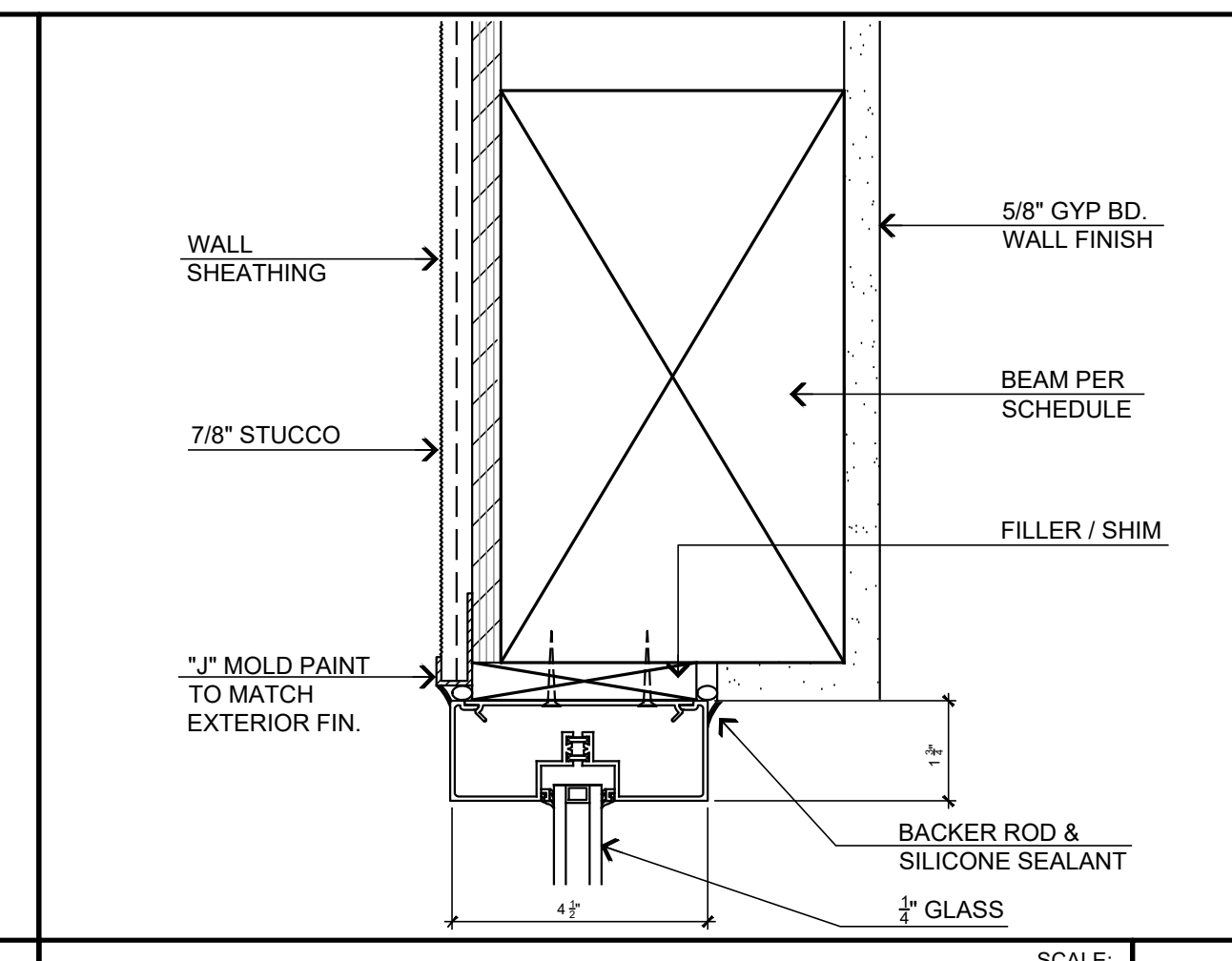
RESTROOM DOOR SIGNAGE
 SEE SH1, OC1

DOOR
 OPENING: 3'-0" x 7'-0" x 1 3/4"
 MATERIAL: SOLID CORE
 FINISH: PAINT
FRAME
 MATERIAL: BY "TIMELY" MODEL # TA-23
 COLOR: CLEAR ANODIZED
HARDWARE
 4 EA. BALL BEARING HINGES - BB 1279, 4.5" x 4.5"
 1 SET EA. SILENCERS - SR64
 1 EA. FLOOR STOP - FS17
 1 EA. DOOR CLOSER - LCN 1460
 1 EA. DEAD BOLT

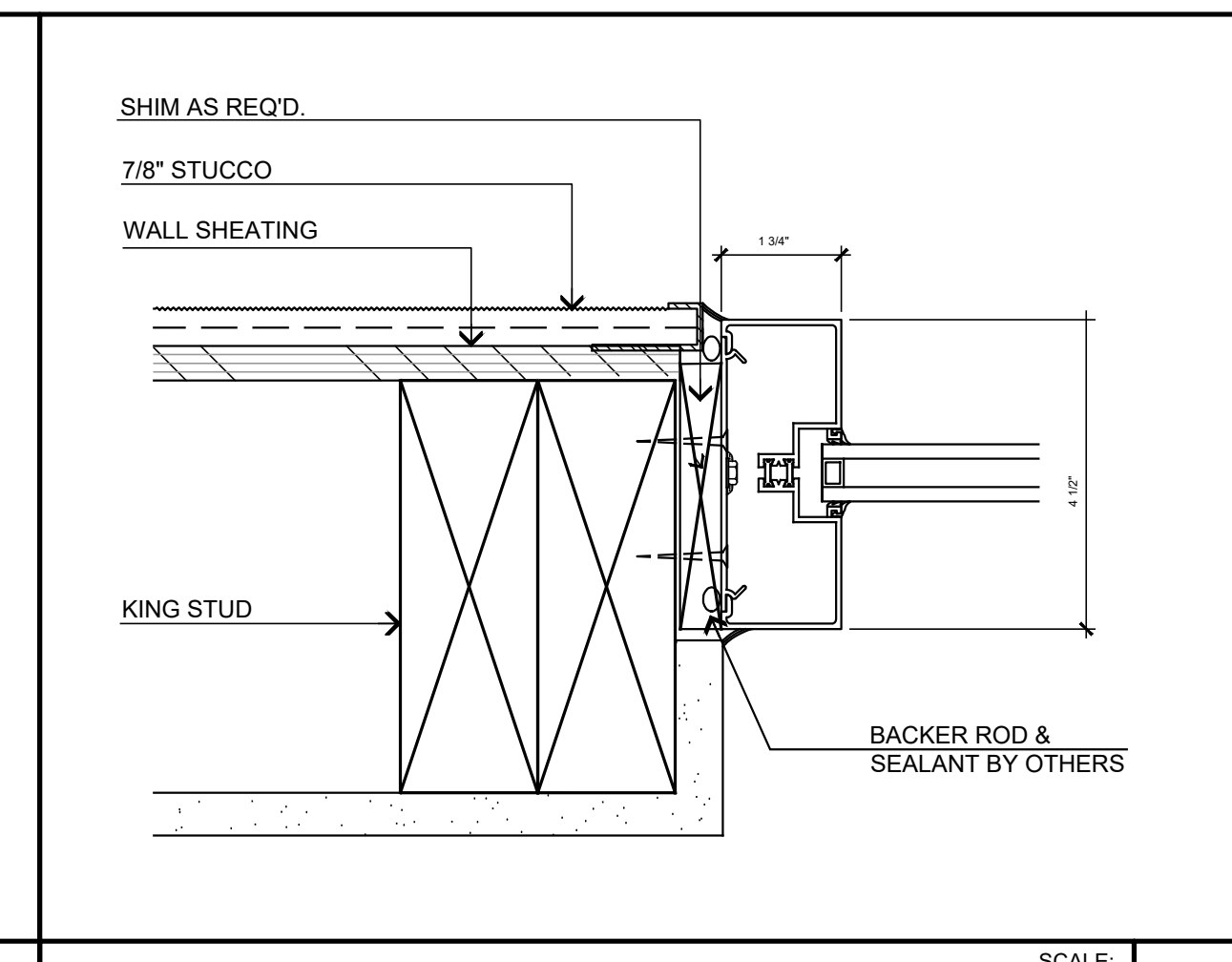
DOOR (7)
 ALL BATHROOMS (QTY. 7)



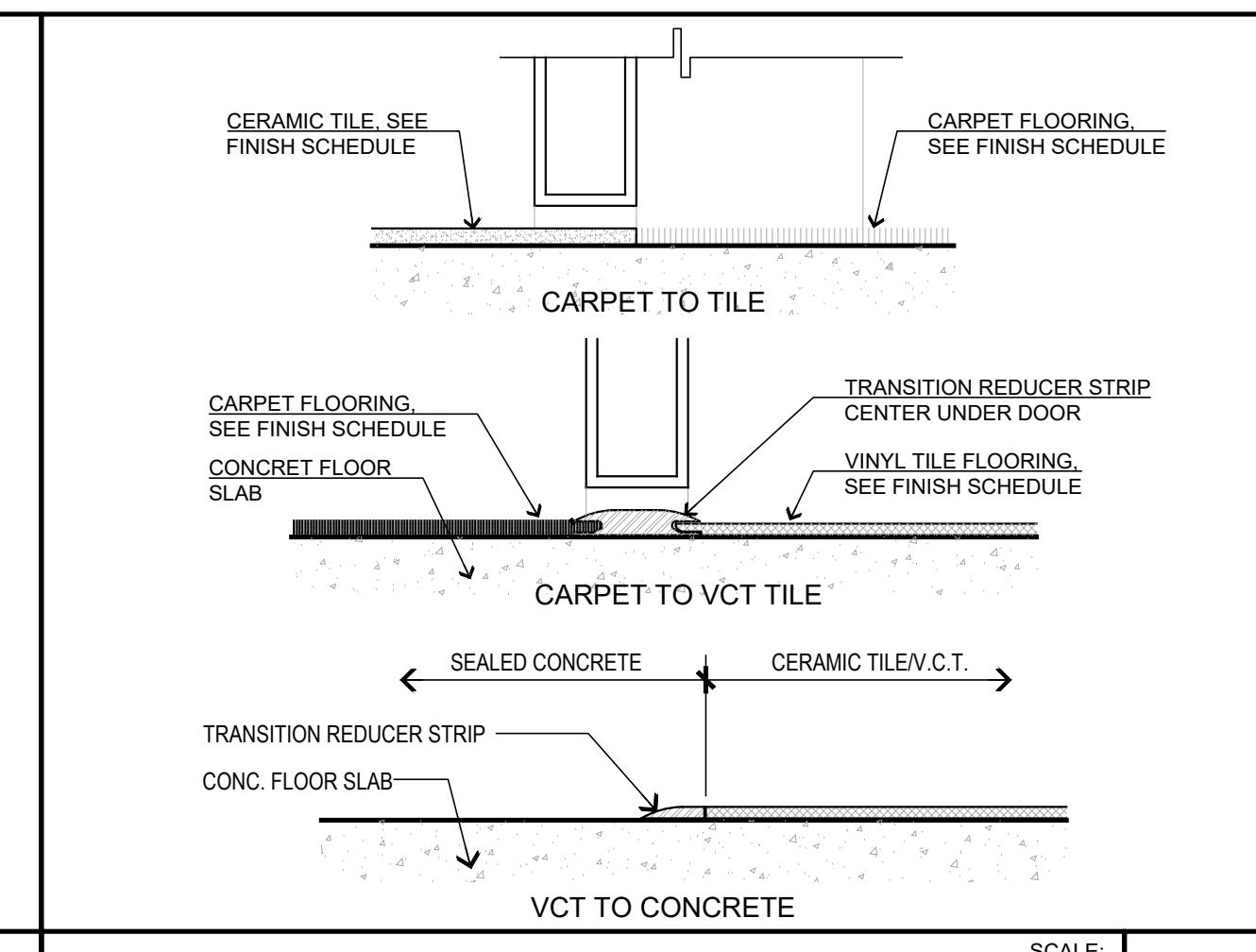
STOREFRONT SILL SCALE: 3" = 1'-0" 9



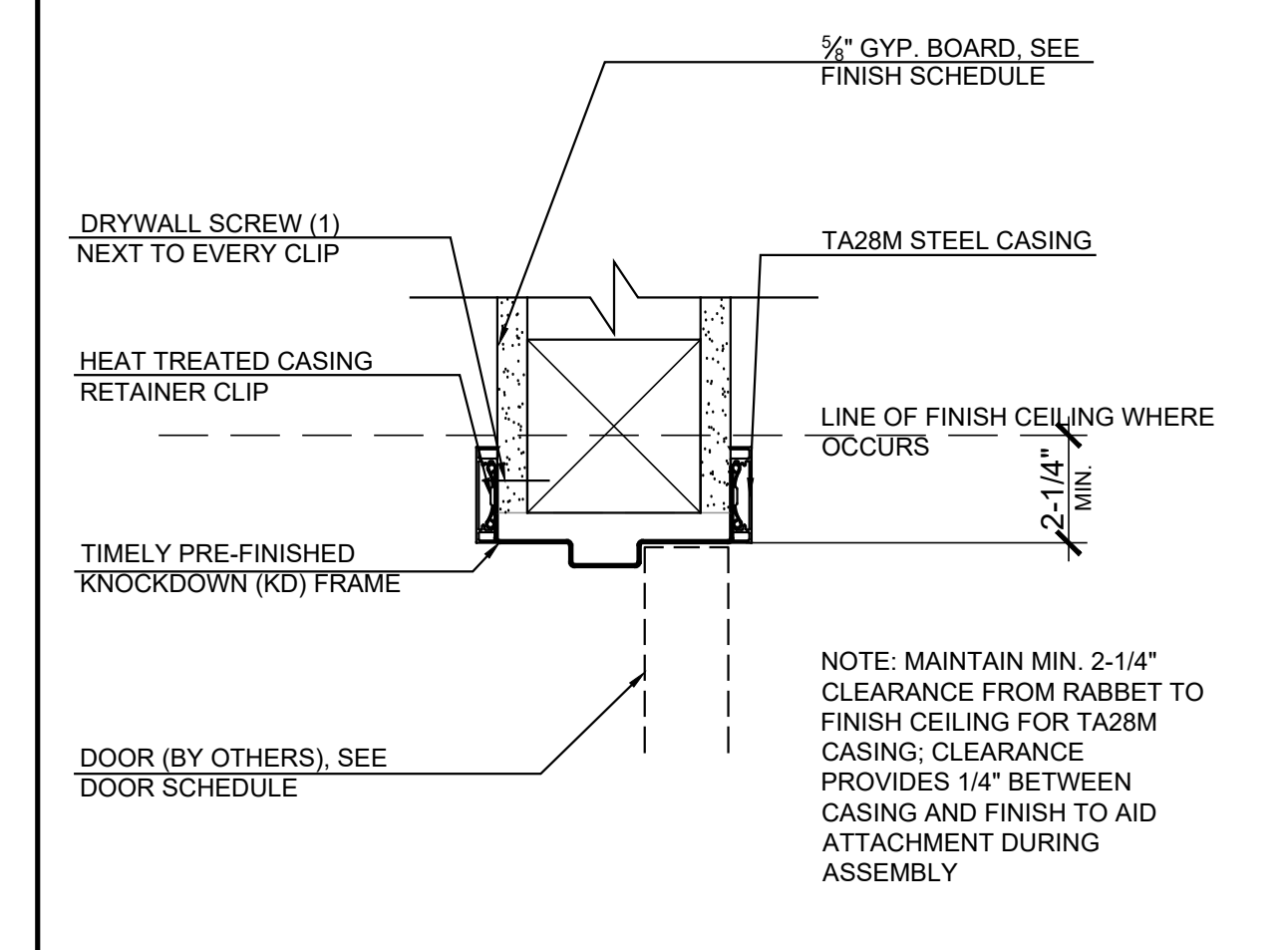
STOREFRONT HEAD DETAIL SCALE: NONE 8



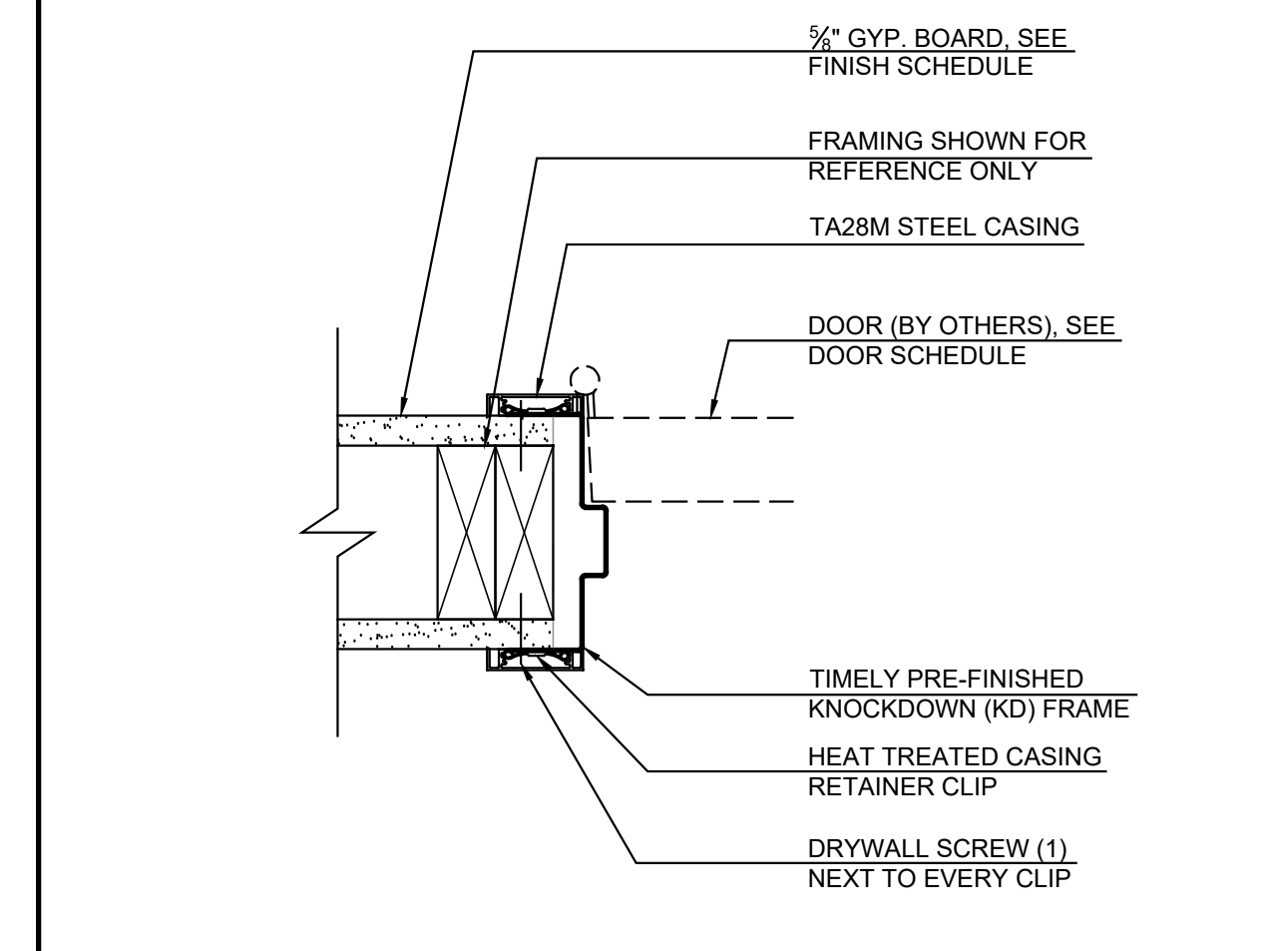
STOREFRONT JAMB SCALE: NONE 7



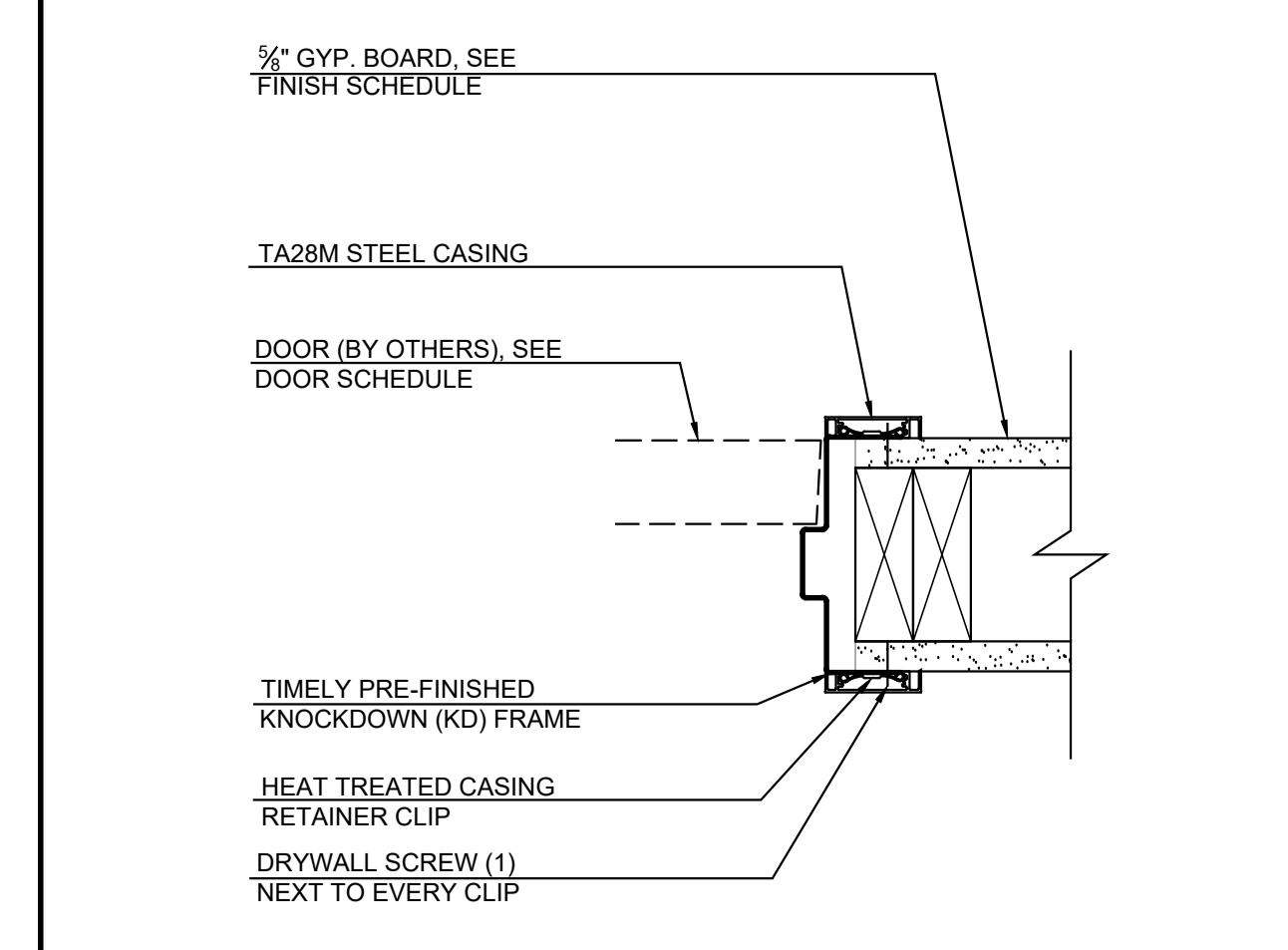
SURFACE TRANSITION DETAIL SCALE: 3" = 1'-0" 6



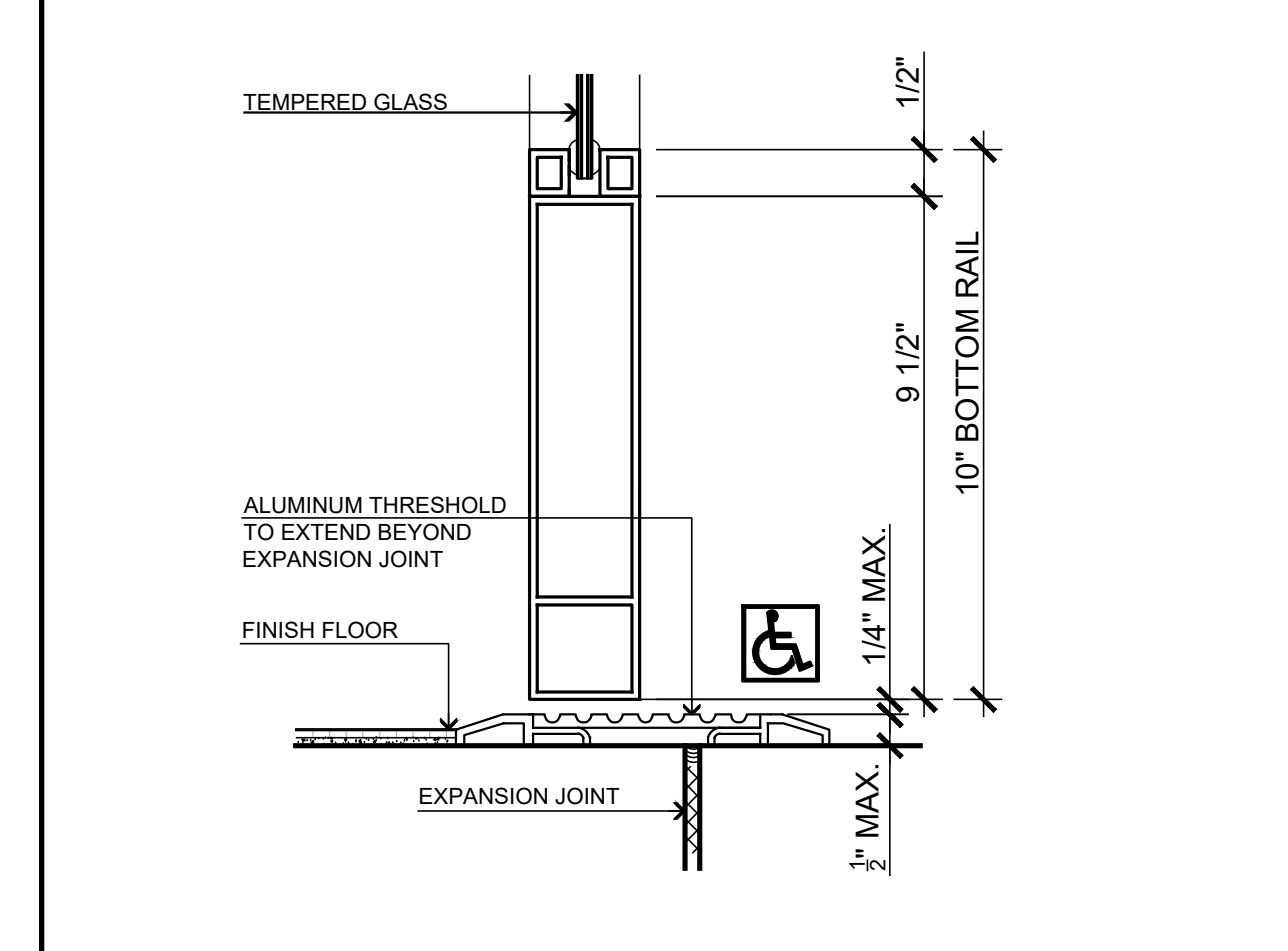
TYP. HEADER SCALE: 3" = 1'-0" 5



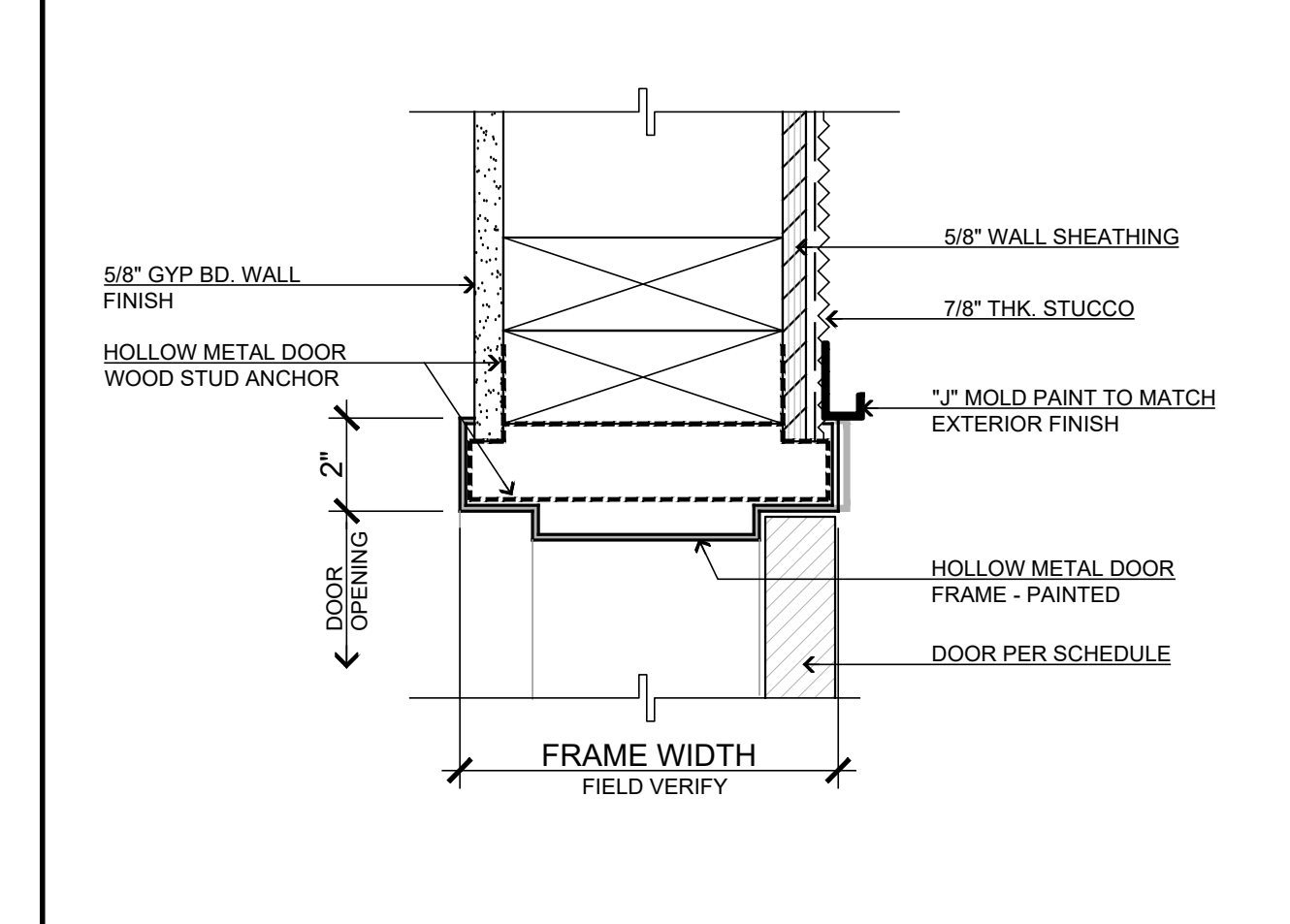
TYP. JAMB - HINGE SIDE SCALE: 3" = 1'-0" 4



TYP. JAMB - STRIKE SIDE SCALE: 3" = 1'-0" 3

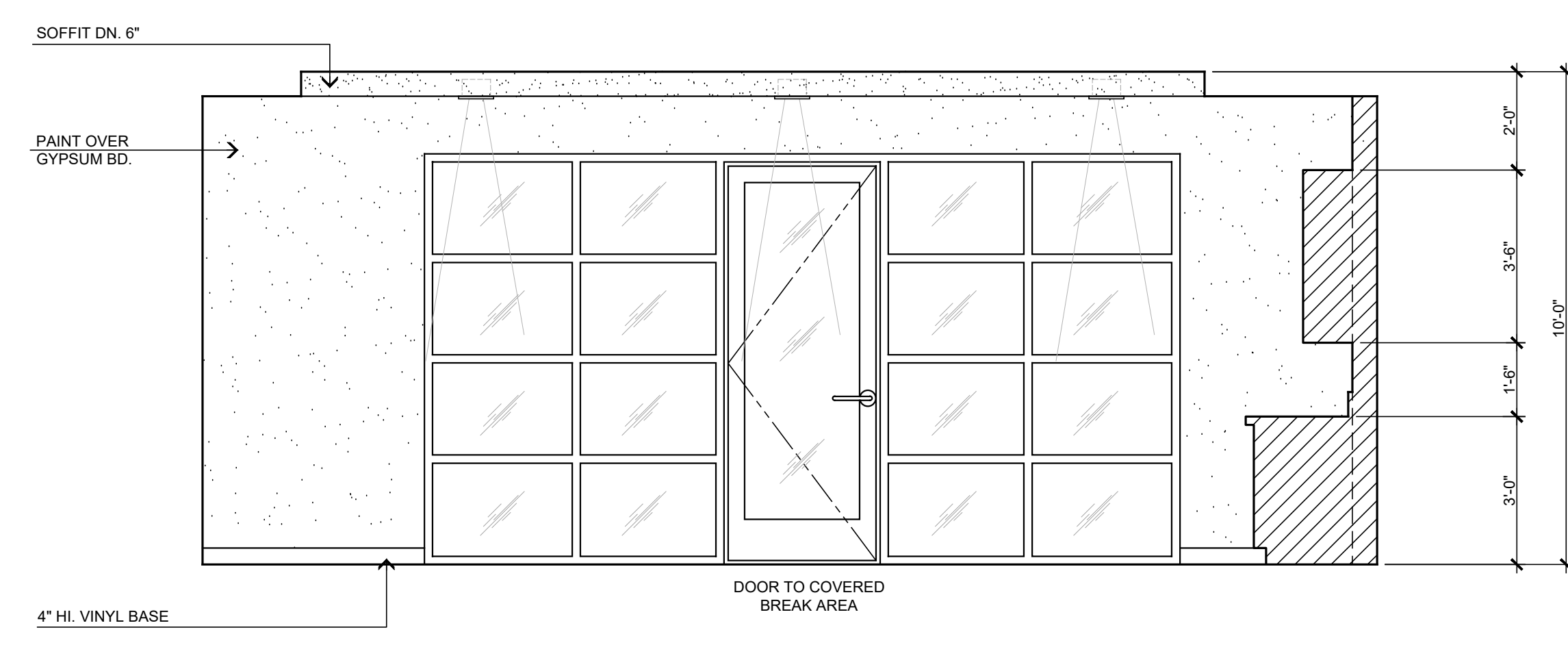


EXTERIOR DOOR THRESHOLD SCALE: 3" = 1'-0" 2

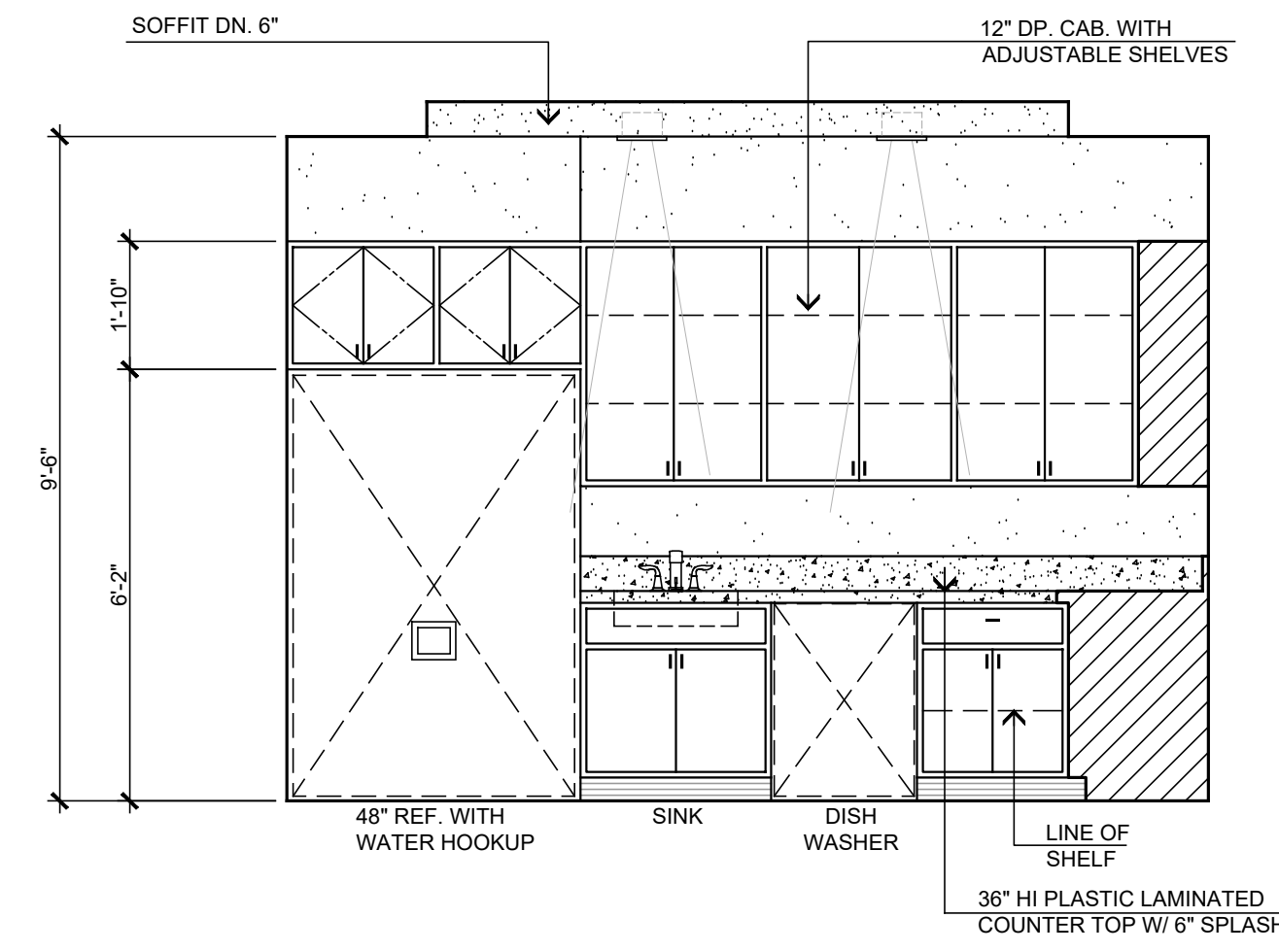


HOLLOW METAL EXTERIOR DOOR JAMB SCALE: 3" = 1'-0" 1

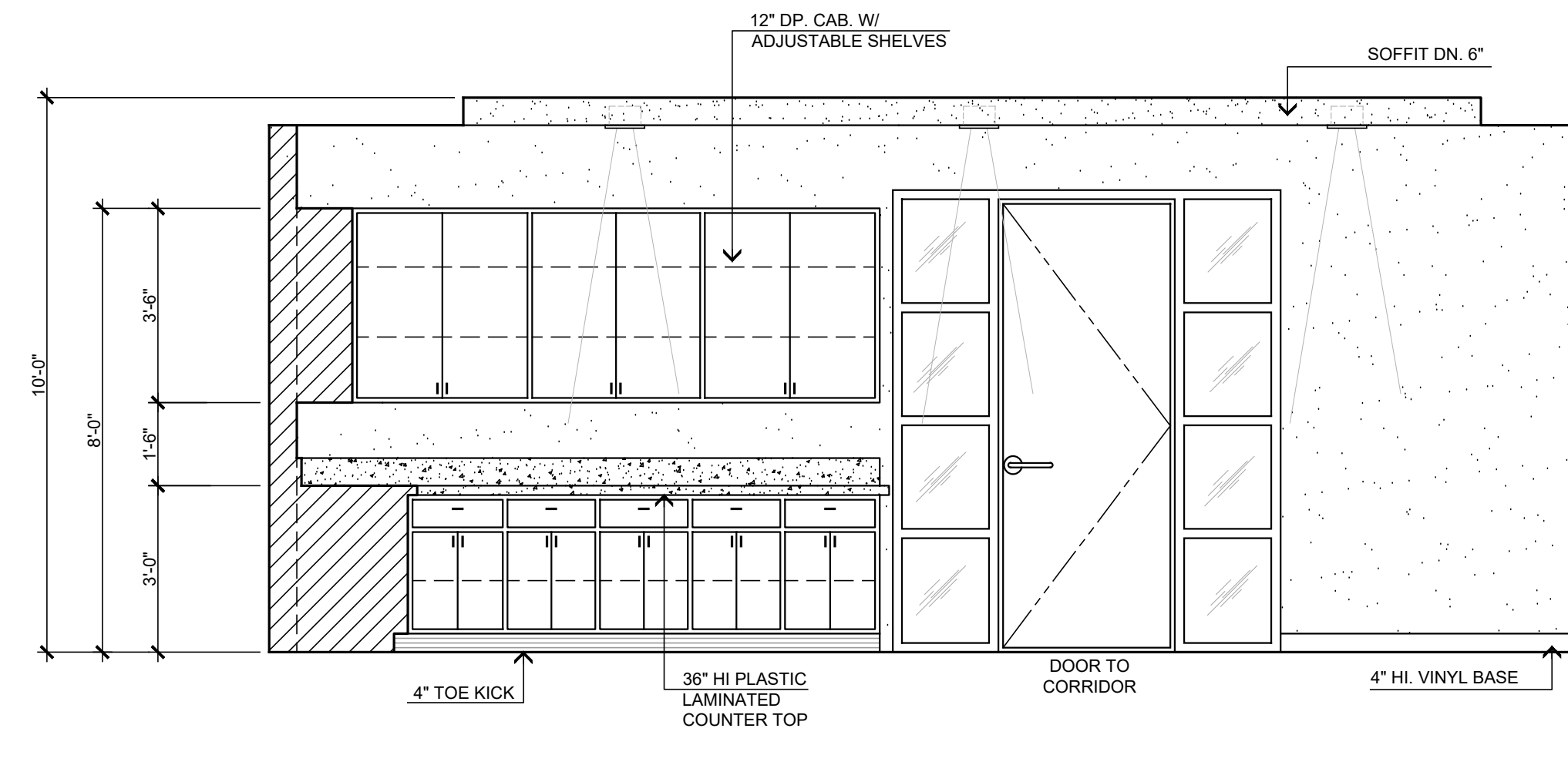
<p>11774 HESPERIA ROAD, SUITE B • HESPERIA, CA 92345 PHONE (760) 244-5901 • FAX (760) 244-1948 www.steenodesign.com</p>	DATE FINISHED MAY 2022	THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA BUILDING CODE (CBC) AND ALL APPLICABLE LOCAL ORDINANCES. THE DESIGN AND IDEAS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, ARE THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY REUSE OR REPRODUCTION FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.	PROJECT: CIVIC CENTER BUILDING PHELAN PIÑON HILLS C.S.D.	JOB NO. COM20-L01/01	PAGE A-6.1
	REVISIONS 1 BLDG. CODE 02/14/22 2 BLDG. CODE 08/09/22 3 ELECTRICAL 09/30/22 4 SEPTIC 10/27/22 5 ADDENDUM TO STRUCTURAL 01/24/2023	THESE DOCUMENTS AND THE DESIGN AND IDEAS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, ARE THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY REUSE OR REPRODUCTION FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.	PROJECT: CIVIC CENTER BUILDING PHELAN PIÑON HILLS C.S.D.	JOB NO. COM20-L01/01	SHEET NAME DOOR & WINDOW SCHEDULE



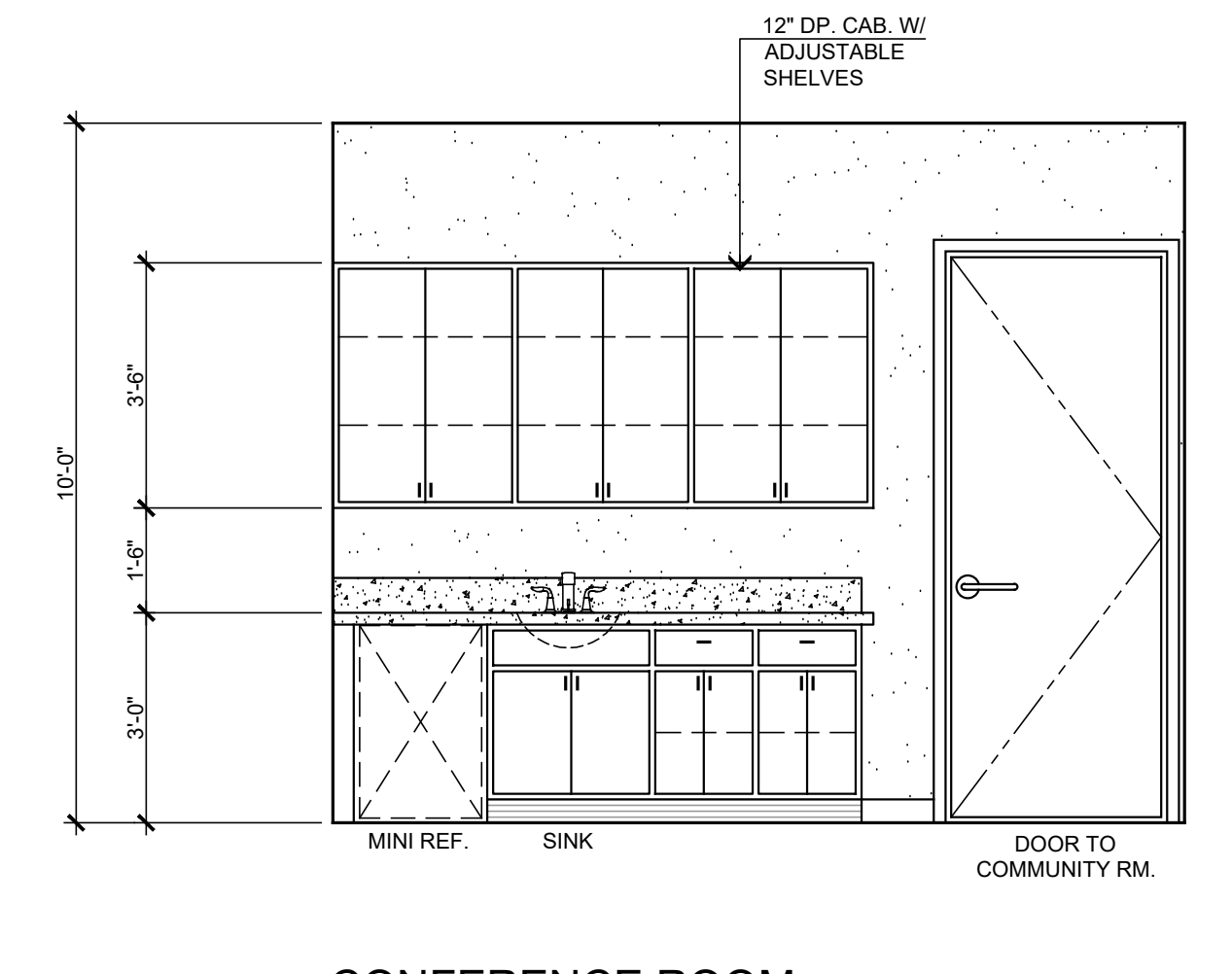
BREAK ROOM
(1) ELEVATION A



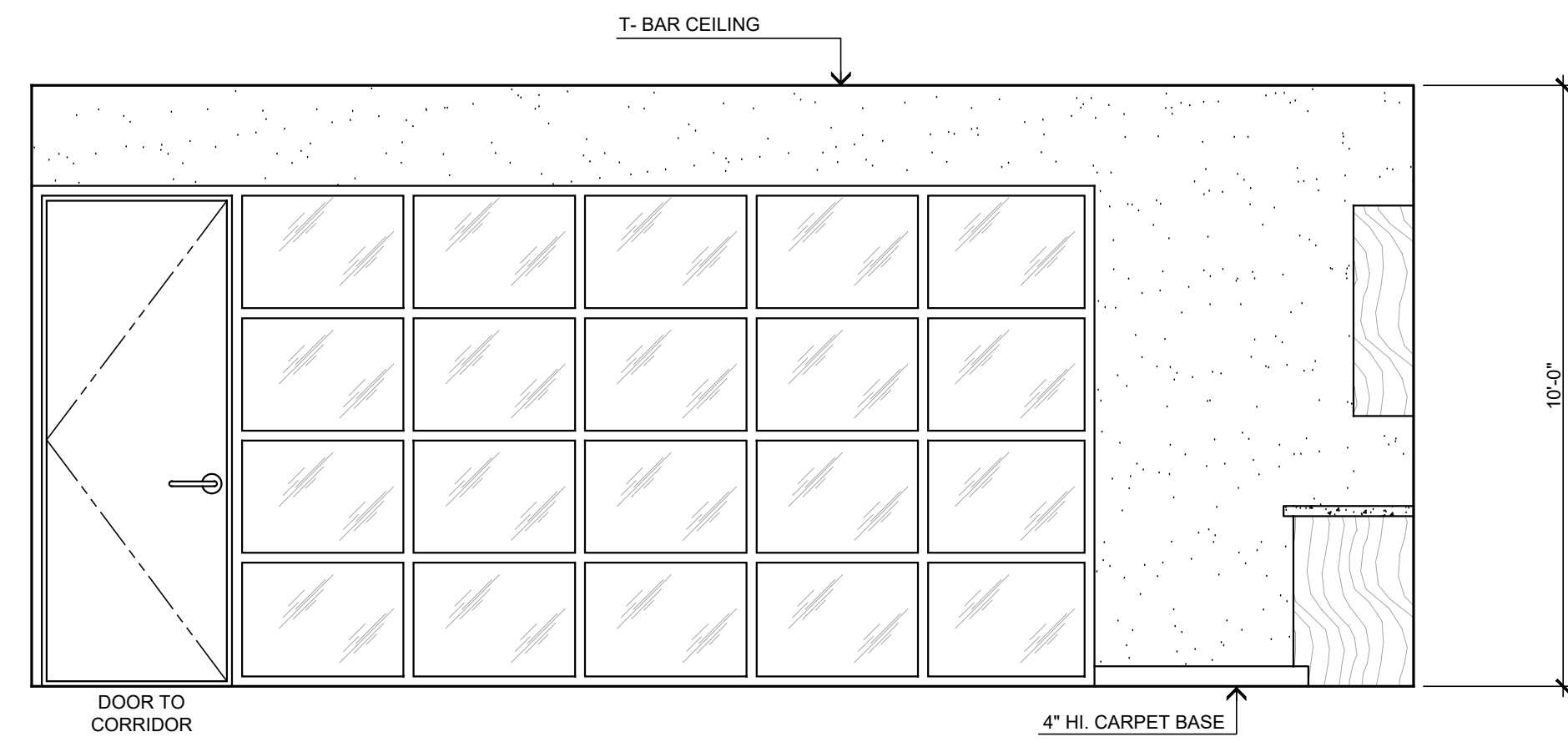
(2) ELEVATION B



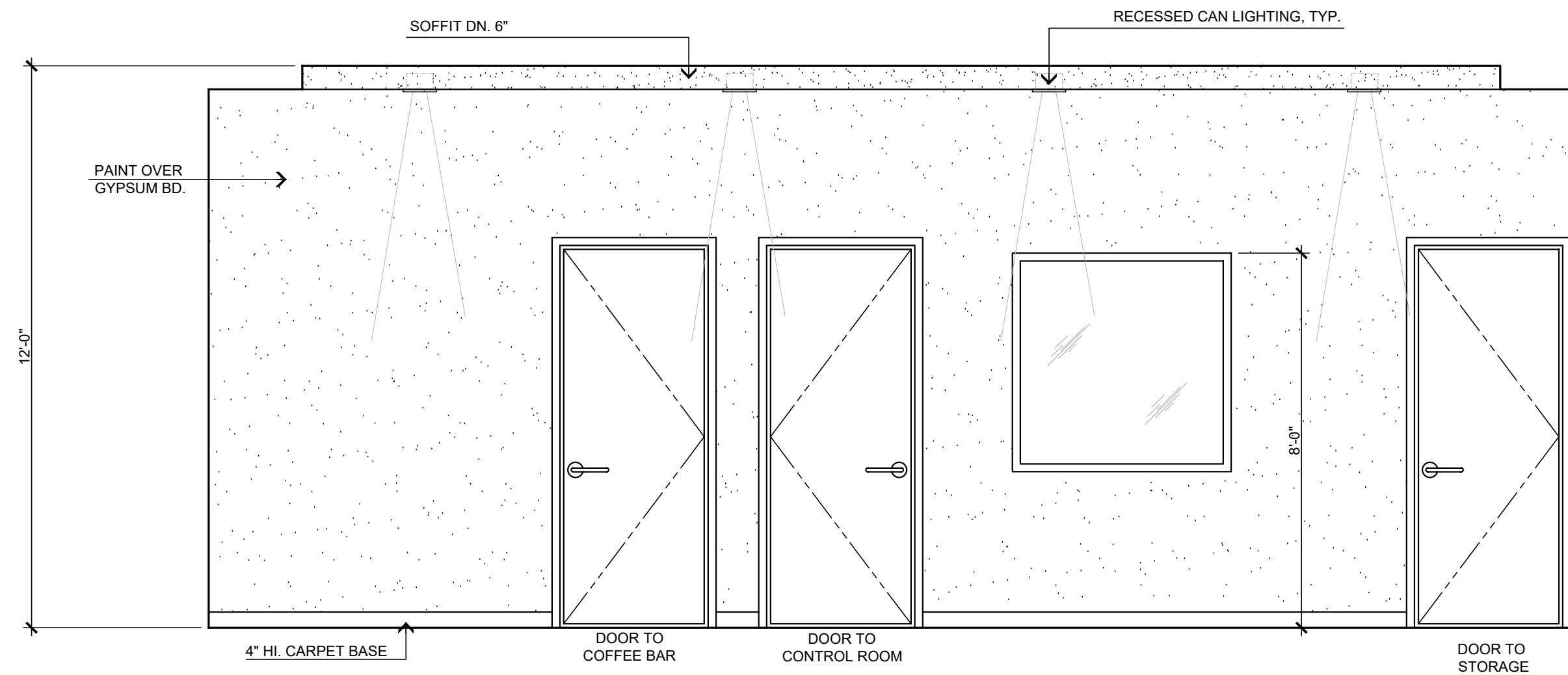
(3) ELEVATION C



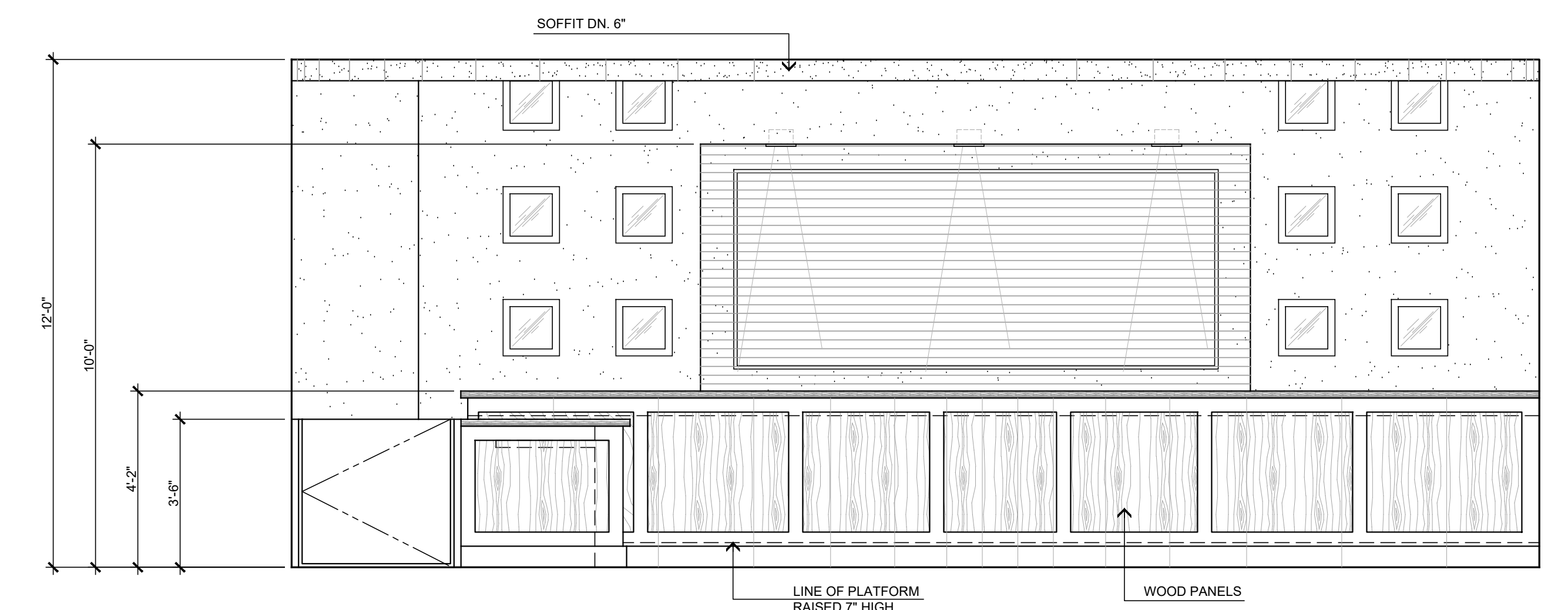
CONFERENCE ROOM
(4) ELEVATION B



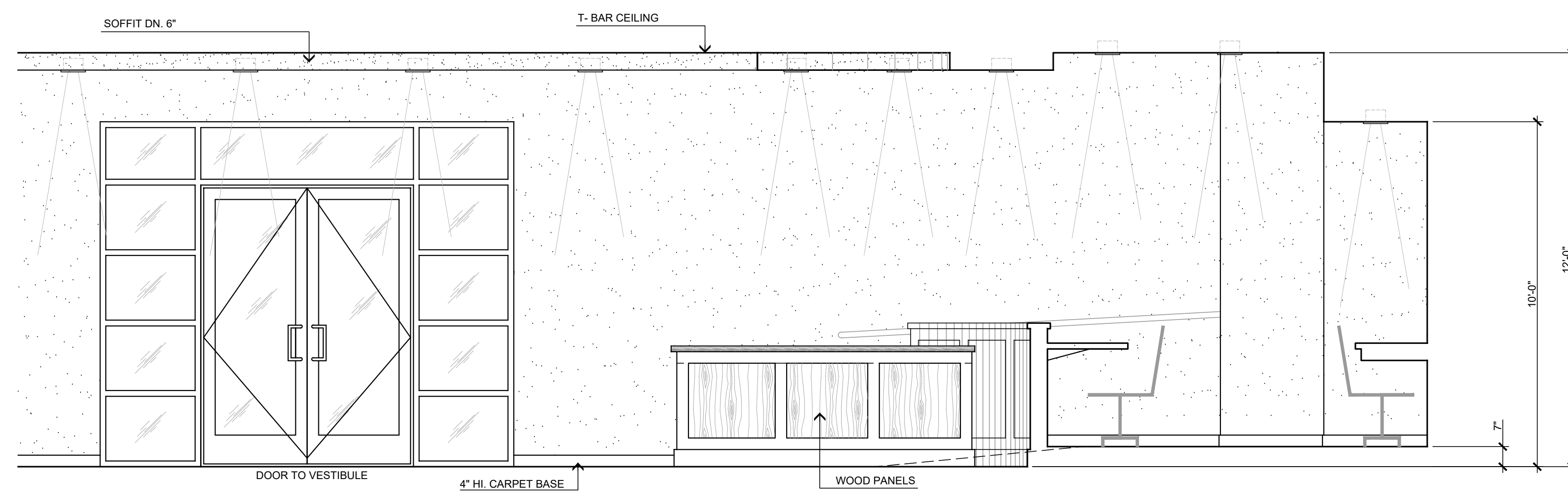
CONFERENCE ROOM
(5) ELEVATION A



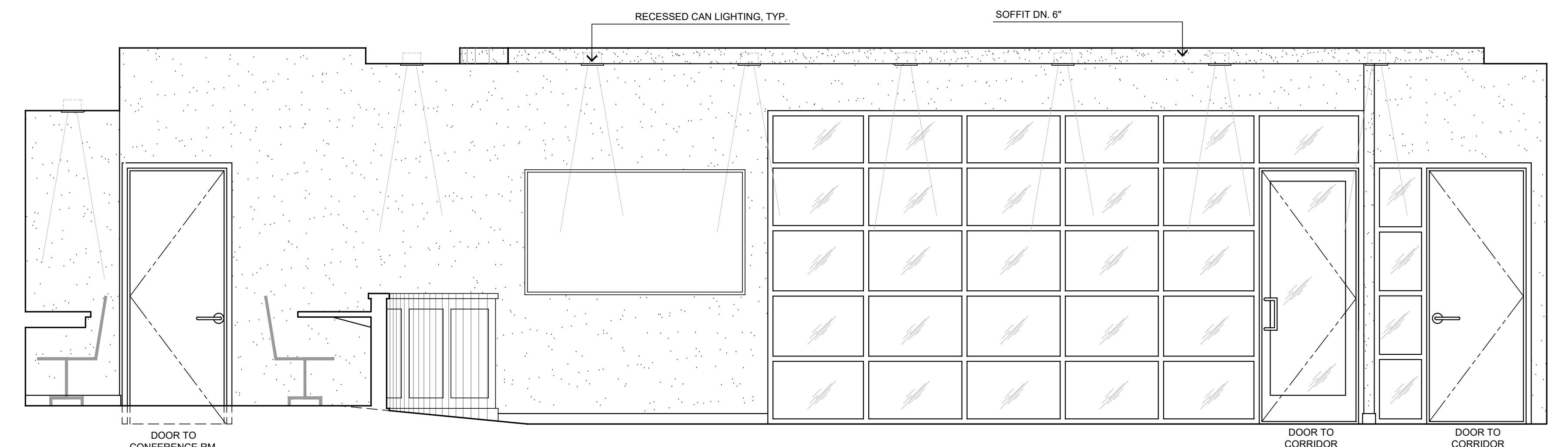
COMMUNITY ROOM
(6) ELEVATION A



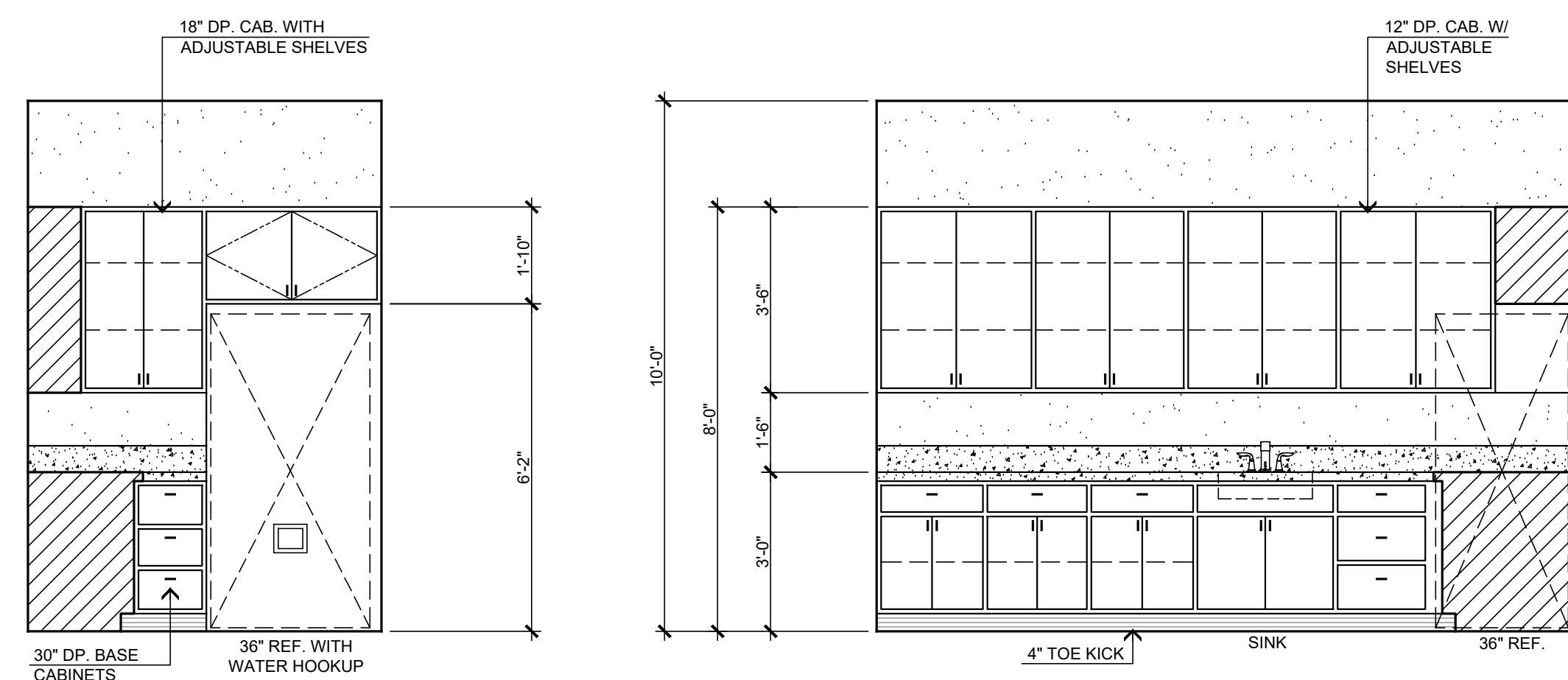
(7) ELEVATION C



COMMUNITY ROOM
(8) ELEVATION B

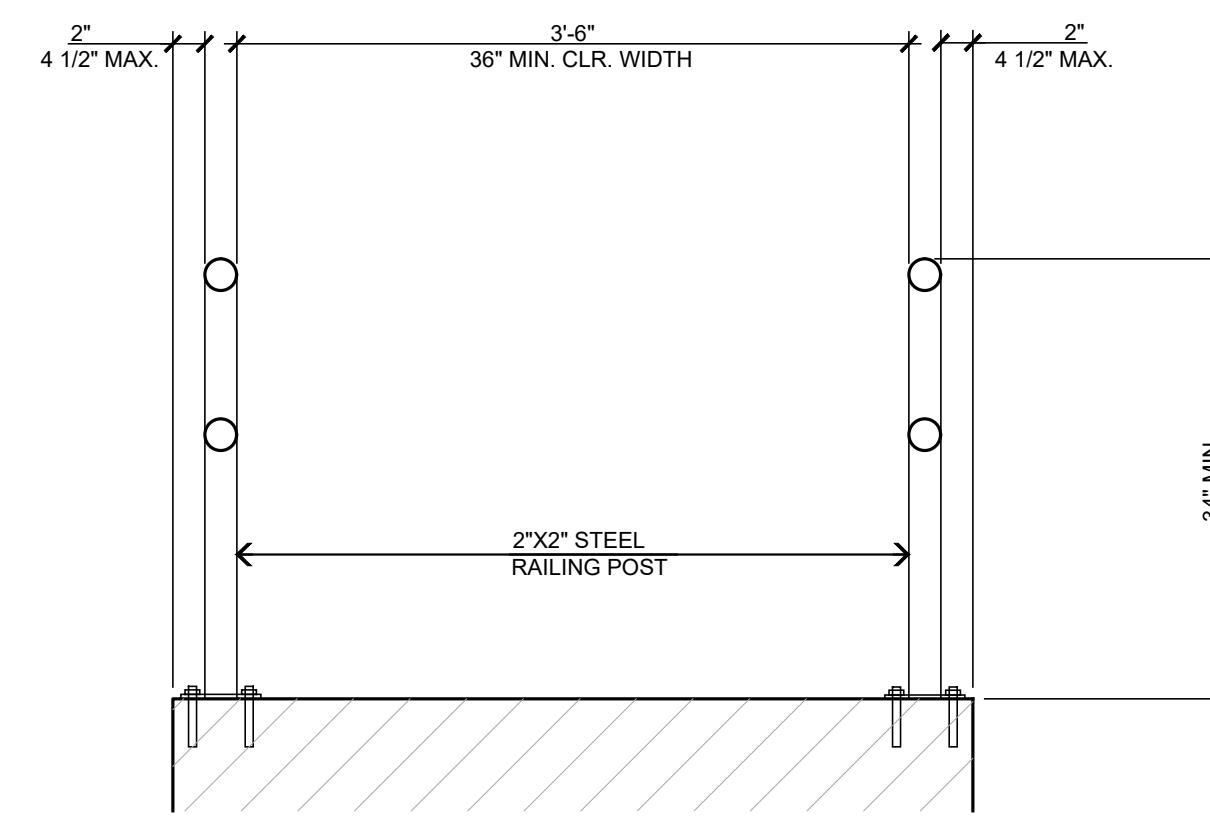


(9) ELEVATION D



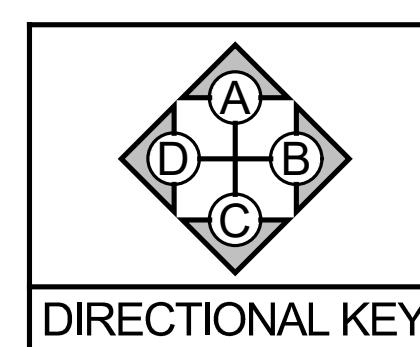
COFFEE BAR
(10) ELEVATION A

(11) ELEVATION D



GUARDRAIL PROJECTION DETAIL

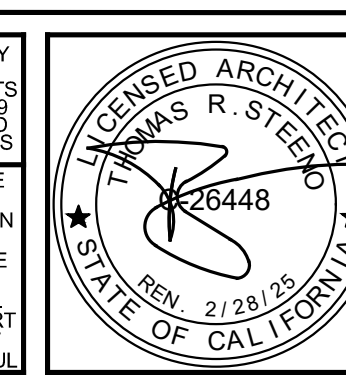
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A-7



STEENO
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11774 HESPERIA ROAD, SUITE B • HESPERIA, CA 92345
PHONE (760) 244-5001 • FAX (760) 244-1948
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DATE FINISHED	MAY 2022
REVISIONS	
DEV. CODE 021422	
BLDG. CODE 021422	
ELECTRICAL_093022	
MECHANICAL_093022	
ADDENDUM TO	
STRUCTURAL_01242023	

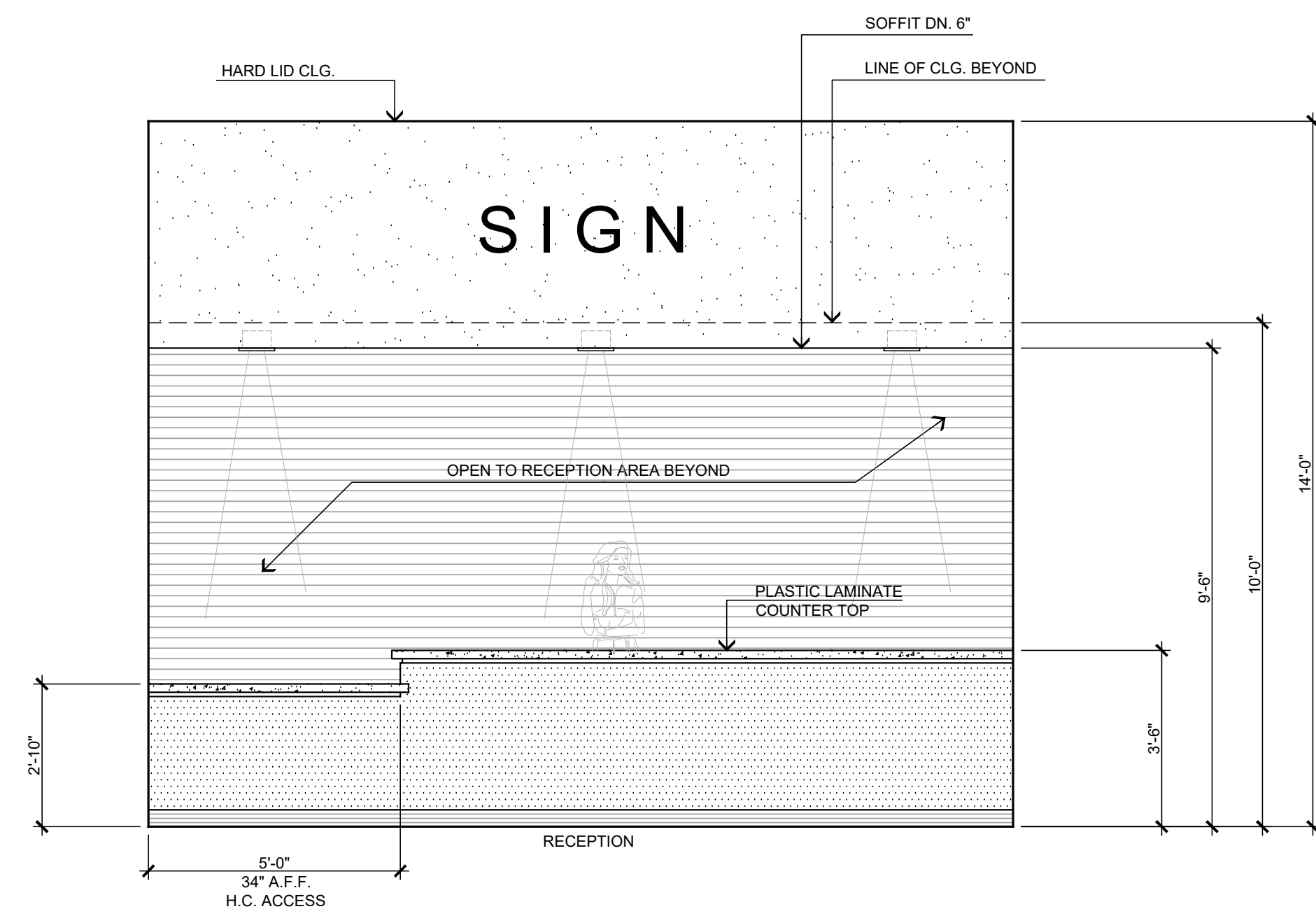
THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA BUILDING CODE (WHICH INCORPORATES THE 2018 CALIFORNIA BUILDING CODE AND CBC 2019 AND 2020 CODES), THE 2019 ENERGY STANDARDS, AND THE 2019 CALIFORNIA MECHANICAL, ELECTRICAL AND PLUMBING (MEP) CODES. ANY USE, IN WHOLE OR IN PART, FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.



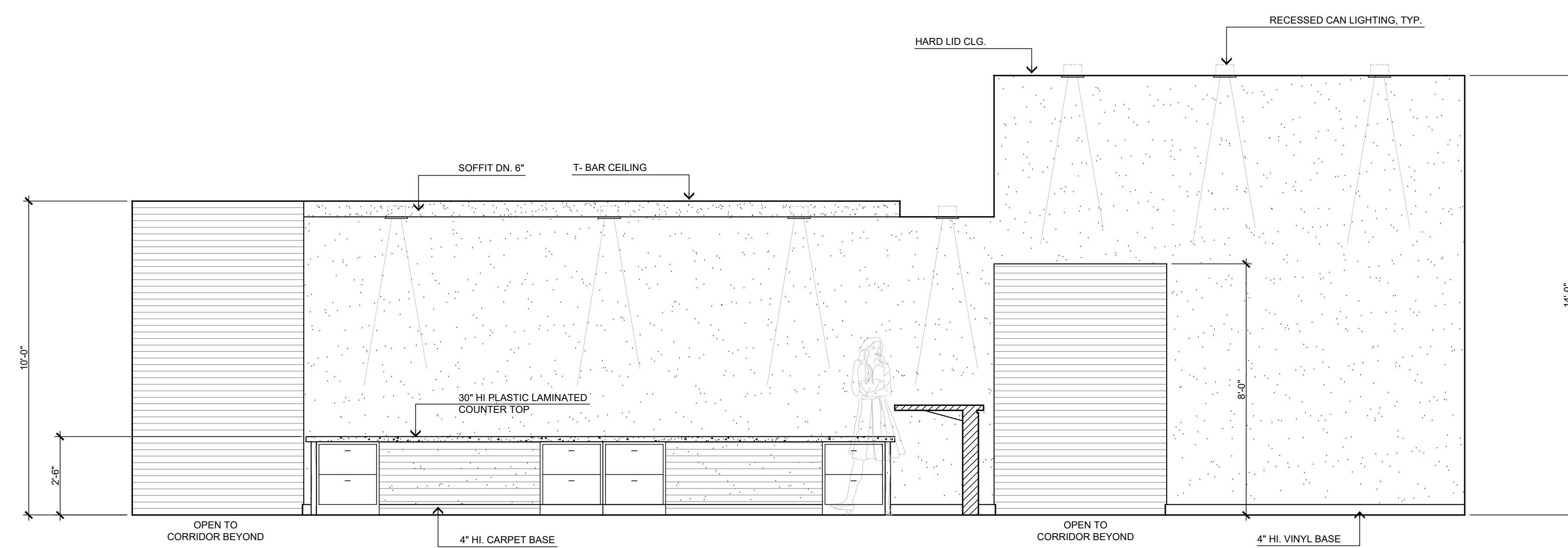
PROJECT: CIVIC CENTER BUILDING
PHELAN PIÑON HILLS C.S.D.
SITE ADDRESS: A.P.M. 3086-261-10, 9535 SHEEP CREEK ROAD, PHELAN, CA 92329
CONTACT: DON BARTZ

JOB NO.	COM20-L01/01
SHEET NAME:	INTERIOR ELEVATIONS

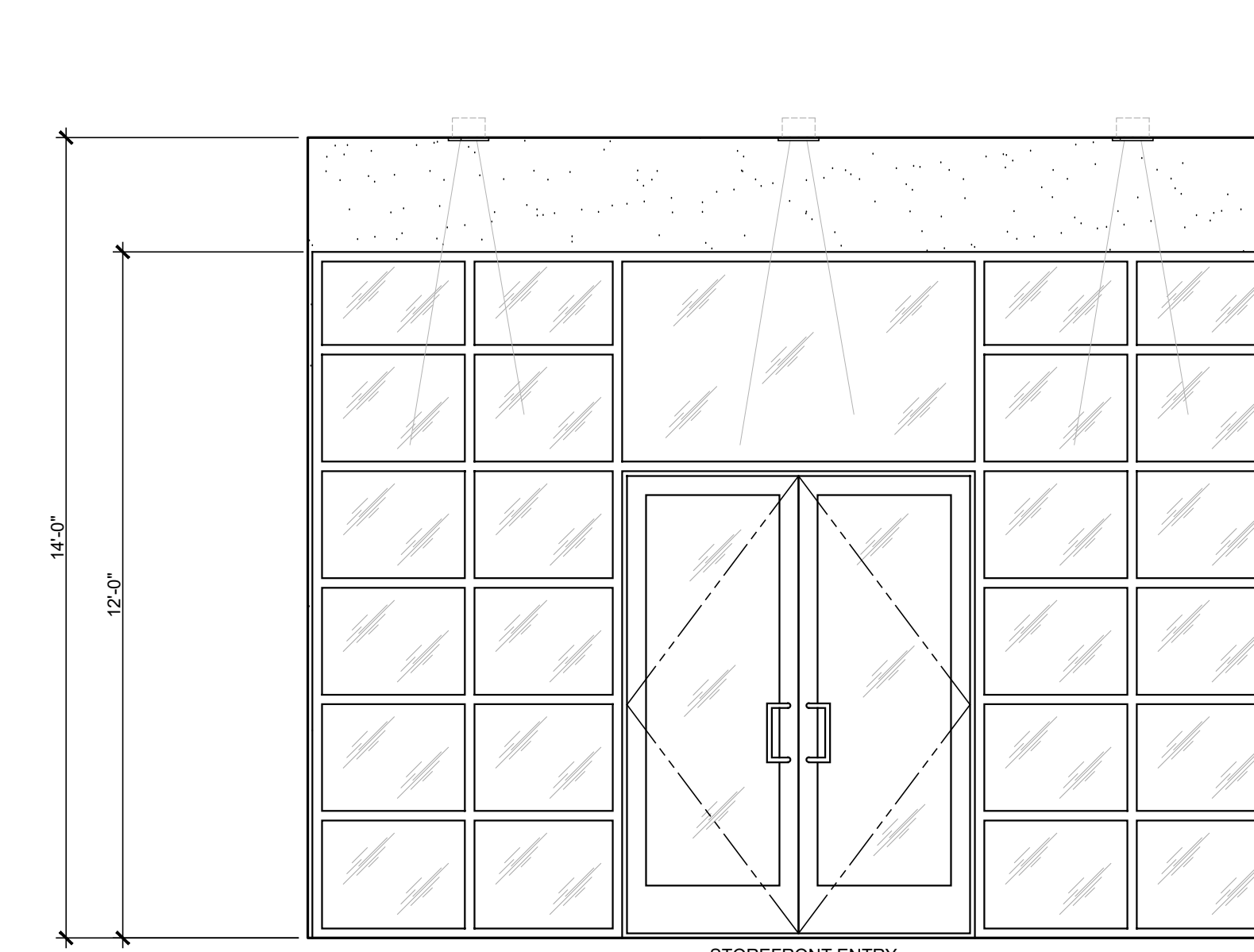
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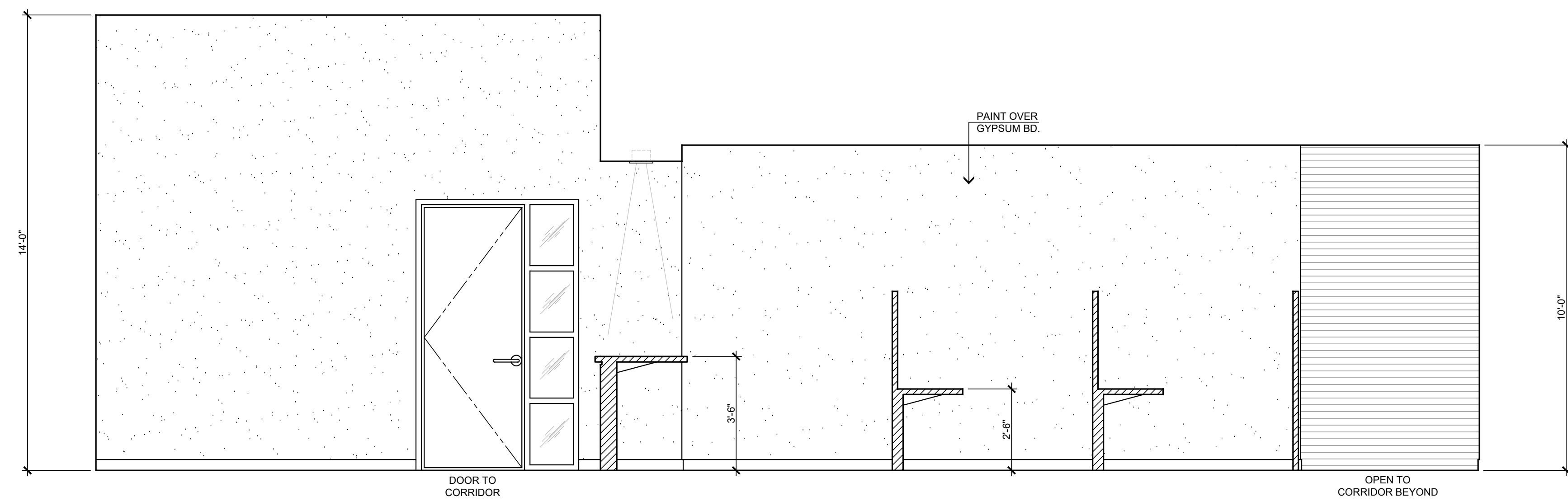
ENTRY/RECEPTION
(1) ELEVATION 'A'



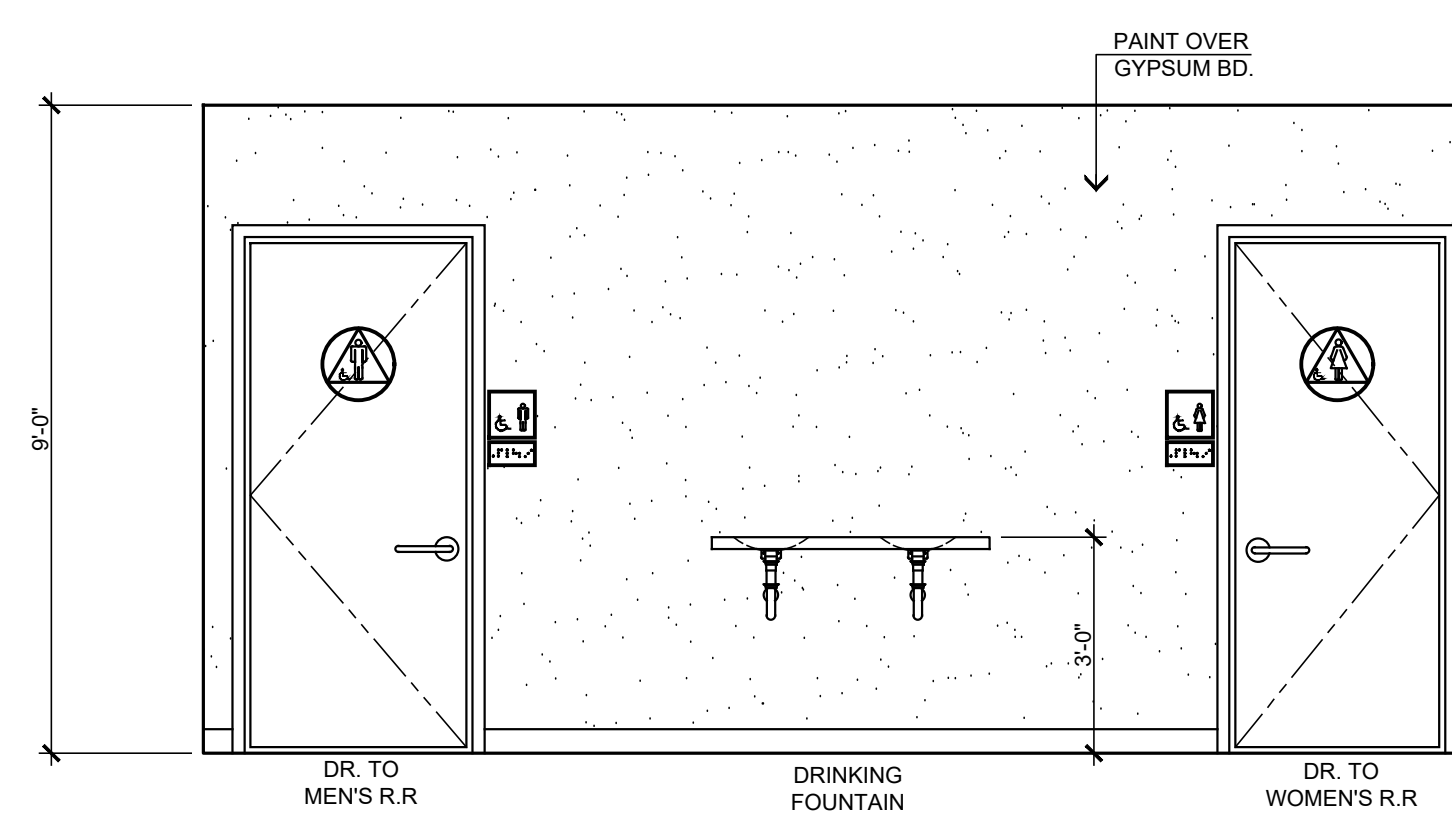
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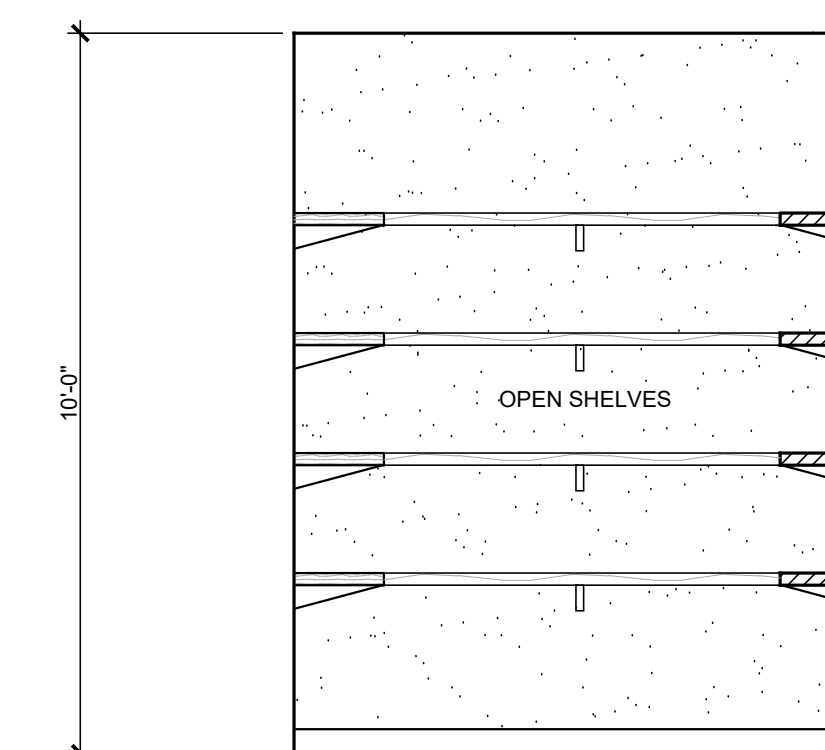
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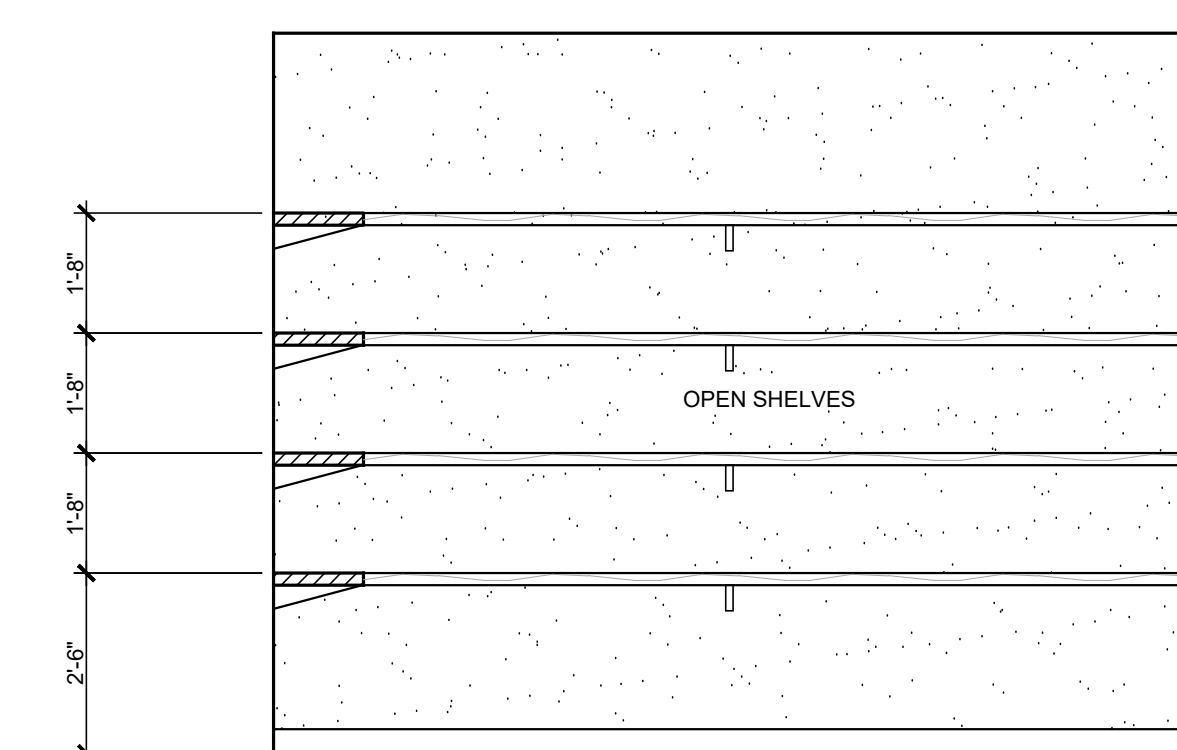
ENTRY/RECEPTION
(4) ELEVATION 'D'



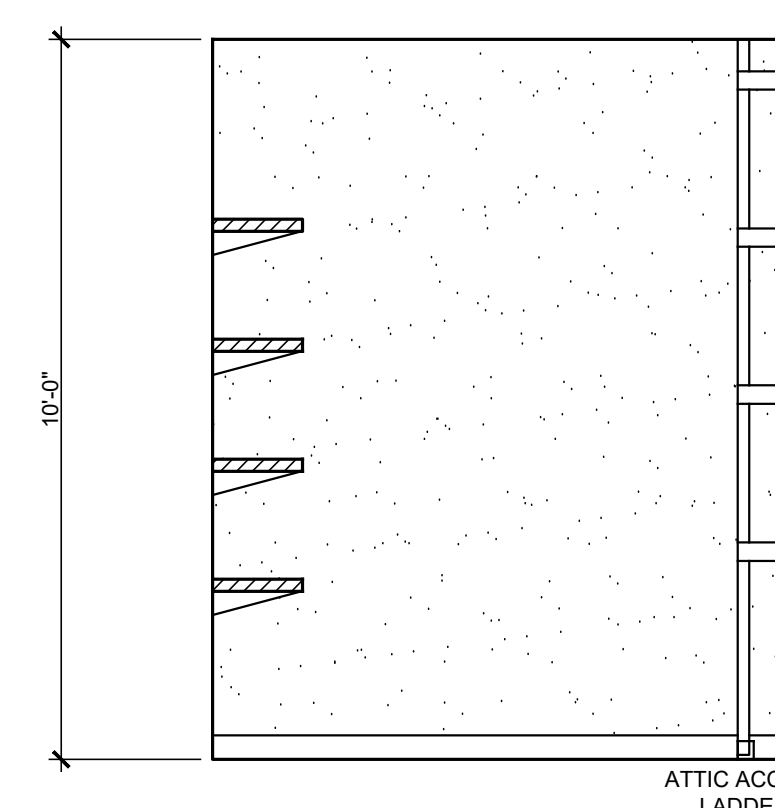
WORK AREA/CORRIDOR
(5) ELEVATION 'A'



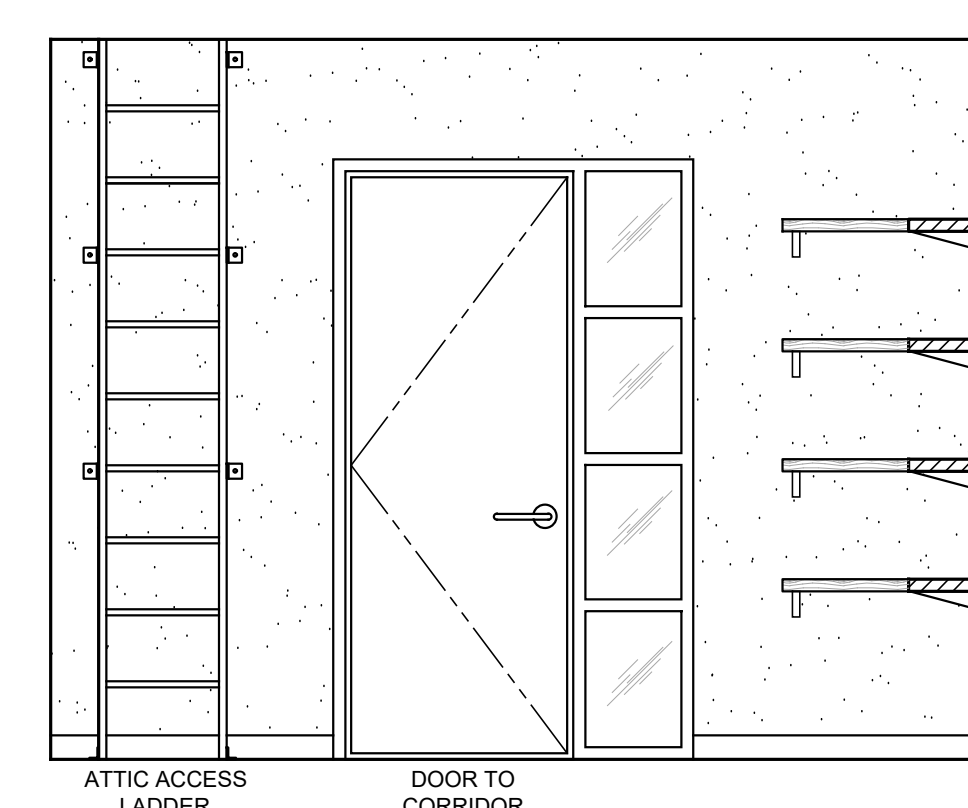
STORAGE
(7) ELEVATION 'A'



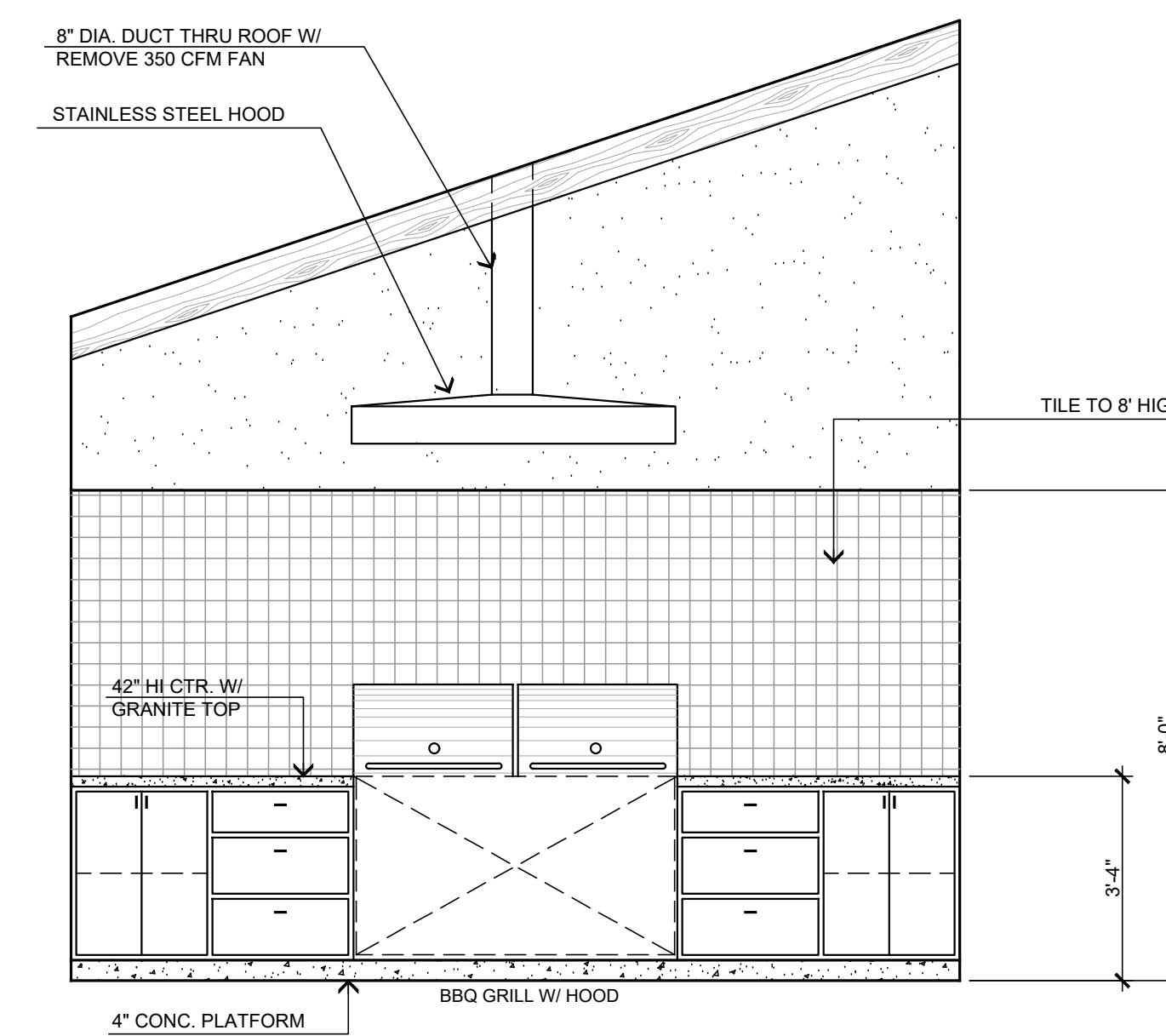
(8) ELEVATION 'B'



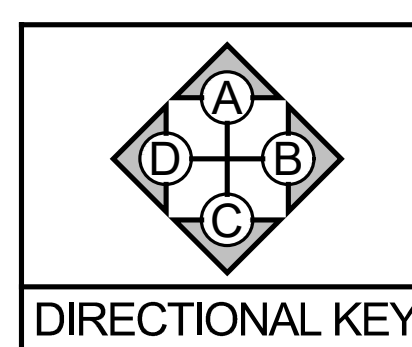
STORAGE
(9) ELEVATION 'C'



(10) ELEVATION 'D'



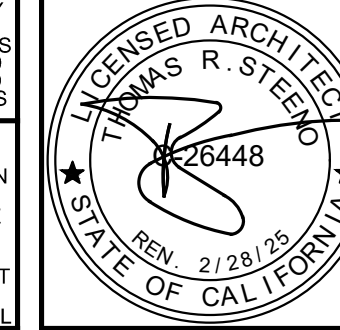
COVERED BREAK AREA
(15) ELEVATION 'B'



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DATE FINISHED	MAY 2022
REVISIONS	<ul style="list-style-type: none"> DEV_CODE_021422 BLDG_CODE_021422 ELECTRICAL_093022 MECHANICAL_093022 ADDENDUM TO STRUCTURAL_01242023

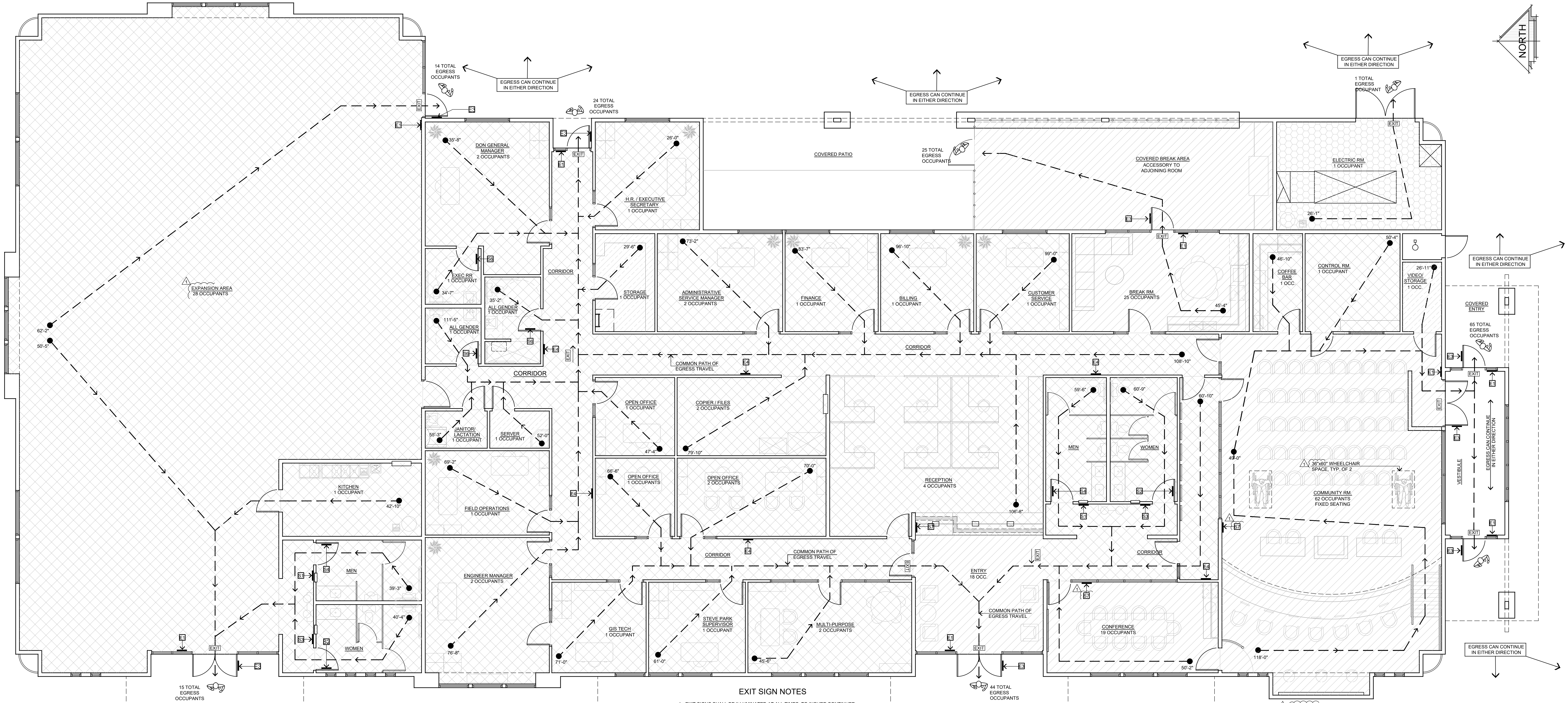
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PROJECT: CIVIC CENTER BUILDING
PHELAN PIÑON HILLS C.S.D.
SITE ADDRESS: A.P.M. 3086-261-10 9535 SHEEP CREEK ROAD PHELAN, CA 92329
CONTACT: DON BARTZ

JOB NO.	COM20-L01/01
SHEET NAME:	INTERIOR ELEVATIONS

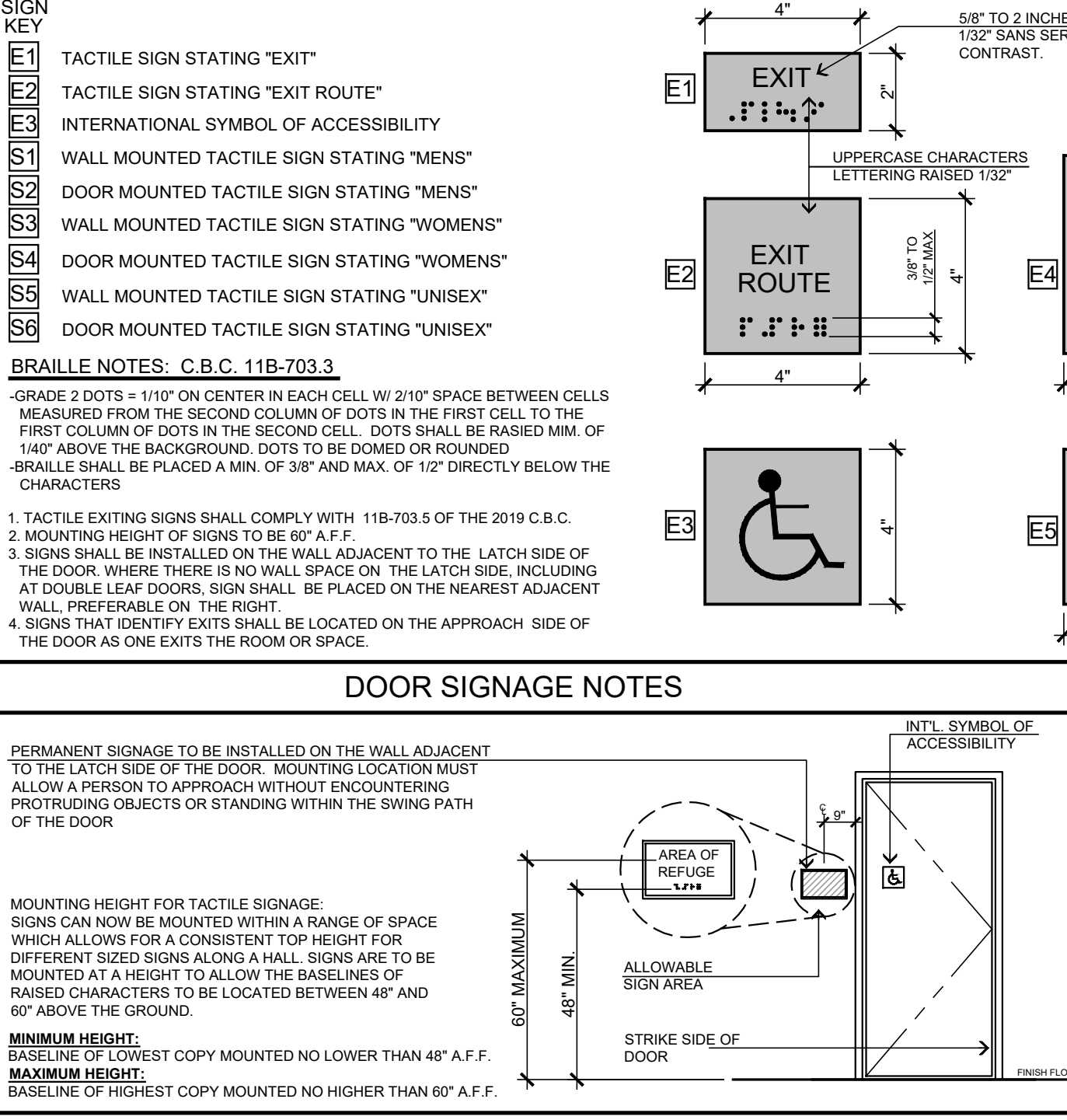
PAGE	A-7.1
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EXIT SIGN NOTES

1. EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES, TO INSURE CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 90 MINUTES IN CASE OF PRIMARY POWER LOSS, THE SIGN SHALL BE CONNECTED TO A STORAGE BATTERY, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. PER CBC SECTION 1013.6.3

TACTILE EXITING & RESTROOM ACCESSIBILITY SIGN DETAIL



OCCUPANCY / EGRESS LEGEND MEANS OF EGRESS TABLE 1004.5

AREA / MEANS OF EGRESS	AREA (SQ. FT.)	OCCUPANCY	OCCUPANTS	LOAD FACTOR	NET SEATING
AREA: ASSEMBLY (3,098 SQ. FT.)	3,098	A-2	177	150	15 NET
AREA: OFFICE / KITCHEN / EXPANSION AREA CORRIDORS (8,248 SF.)	8,248	B	177	350	
AREA: STORAGE (316 SF.)	316	S-1	3	300	
TOTAL OCCUPANT LOAD:			488		

AREA / MEANS OF EGRESS TABULATIONS

FUNCTION OR SPACE	AREA	OCCUPANCY	OCCUPANT LOAD
B - BUSINESS AREA	150 GROSS		
A-2 - ASSEMBLY	FIXED SEATING & 15 NET		
S - STORAGE	300 GROSS		
OCCUPANT CALCULATION = ROOM AREA / LOAD FACTOR = # OF OCCS.			
COMMON AREAS NOT TO BE INCLUDED (EGRESS CALCULATIONS - SECTION 1004.5)			
FUNCTION OF SPACE	AREA	OCCUPANCY	OCCUPANT LOAD
DON GEN. MANAGER	308 SQ. FT.	2 OCC.	88 SQ. FT.
HR/EXEC. SECRETARY	203 SQ. FT.	1 OCC.	165 SQ. FT.
EXEC. R.R.	57 SQ. FT.	1 OCC.	165 SQ. FT.
ALL GENDER #1	87 SQ. FT.	1 OCC.	165 SQ. FT.
ALL GENDER #2	50 SQ. FT.	1 OCC.	165 SQ. FT.
JANITOR/LACTATION	42 SQ. FT.	1 OCC.	165 SQ. FT.
STORAGE	106 SQ. FT.	1 OCC.	316 SQ. FT.
SERVER	40 SQ. FT.	1 OCC.	316 SQ. FT.
FIELD OPERATIONS	192 SQ. FT.	1 OCC.	316 SQ. FT.
KITCHEN	184 SQ. FT.	1 OCC.	316 SQ. FT.
ENGINEER MANAGER	303 SQ. FT.	2 OCC.	416 SQ. FT.
GIS TECH	155 SQ. FT.	1 OCC.	416 SQ. FT.
STEVE PARK S.V.	158 SQ. FT.	1 OCC.	416 SQ. FT.
TOTAL OCCUPANTS = 239 OCC.			

NOTE: SEE SHEET A-6.1 FOR EXIT DOOR NOTES

EXIT SIGN NOTES

EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES, TO INSURE CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 90 MINUTES IN CASE OF PRIMARY POWER LOSS, THE SIGN SHALL BE CONNECTED TO A STORAGE BATTERY, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. PER CBC SECTION 1013.6.3

BUILDING AREA ANALYSIS

TYPE OF CONSTRUCTION: TYPE V - B

GROUP	ALLOWABLE NO. OF STORIES	ALLOWABLE AREA FACTOR	ACTUAL BUILDING HEIGHT & AREA
A-2	2	S1	24,000 SQ. FT. / 1, 6,408 SQ. FT.
B	3	S1	36,000 SQ. FT. / 1, 8,330 SQ. FT.
S-1	2	S1	36,000 SQ. FT. / 1, 196 SQ. FT.
S-2	3	S1	54,000 SQ. FT. / 1, 316 SQ. FT.

MEANS OF EGRESS SIZING

OTHER EGRESS COMPONENTS: (CBC 1006.3.2)

0.2" x (PER OCCUPANT) = EGRESS CAPACITY

0.2" x (188) = 37.6"

SIZE OF DOORS: (CBC 1010.1.1) THE REQUIRED CAPACITY OF EACH DOOR OPENING SHALL BE SUFFICIENT FOR THE OCCUPANT LOAD THEREOF AND SHALL PROVIDE A MINIMUM CLEAR WIDTH OF 32" (813 mm), THE HEIGHT OF THE DOOR OPENINGS SHALL BE NOT LESS THAN 80" (2032 mm)

PLUMBING LOAD CALCULATIONS TABLE 422.1 (2019 CALIFORNIA PLUMBING CODE)

TYPE OF OCCUPANCY	WATER CLOSETS (FIXTURES PER PERSON)		URINALS (FIXTURES PER PERSON)		LAVATORIES (FIXTURES PER PERSON)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
A-2 ASSEMBLY OCCUPANCY	1: 1-50 2: 51-150 3: 151-300	1: 1-25 2: 26-50 3: 51-100	1: 1-200 2: 201-300 3: 301-400	1: 1-150 2: 151-200 3: 201-400	1: 1-50 2: 51-100 3: 101-200 4: 201-400	1: 1-50 2: 51-100 3: 101-200 4: 201-400
B BUSINESS OCCUPANCY	1: 1-50 2: 51-100 3: 101-200 4: 201-400	1: 1-15 2: 16-30 3: 31-50 4: 51-100	1: 1-100 2: 101-200 3: 201-400	1: 1-75 2: 76-150 3: 151-200 4: 201-400	1: 1-50 2: 51-100 3: 101-200 4: 201-400	1: 1-50 2: 51-100 3: 101-200 4: 201-400
S1, S2 STORAGE OCCUPANCY	1: 1-100 2: 101-200 3: 201-400	1: 1-100 2: 101-200 3: 201-400	1: 1-100 2: 101-200 3: 201-400	1: 1-200 2: 201-400 3: 401-750 4: 751-1000	1: 1-100 2: 101-200 3: 201-400	1: 1-50 2: 51-100 3: 101-200 4: 201-400

PLUMBING FIXTURES REQUIREMENT ANALYSIS

A-2: 177 OCCUPANTS / 2 = 88.5 (88.5 MEN & 88.5 WOMEN)
 B: 50 OCCUPANTS / 2 = 25 (25 MEN & 25 WOMEN)
 S-1: 3 OCCUPANTS / 2 = 1.5 (1.5 MEN & 1.5 WOMEN)
 S-2: 1 OCCUPANTS / 2 = 0.5 (0.5 MEN & 0.5 WOMEN)

TOTAL FIXTURES REQUIRED (A-2)	FIXTURES PROVIDED
MEN (88.5)	MEN (88.5)
WOMEN (88.5)	WOMEN (88.5)
WATER CLOSETS 2	WATER CLOSETS 4
LAVATORIES 2	LAVATORIES 3
URINALS 1	URINALS 2
TOTAL FIXTURES REQUIRED (B) (S-1/S-2)	
MEN (3)	MEN (3)
WOMEN (3)	WOMEN (3)
WATER CLOSETS 1	WATER CLOSETS 3
LAVATORIES 1	LAVATORIES 2
URINALS 1	URINALS 1

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DATE FINISHED
MAY 2022

REVISIONS
 1. BLDG. CODE: 021422
 2. BLDG. CODE: 021422
 3. ELECTRICAL: 090322
 4. MECHANICAL: 090322
 5. ADDENDUM TO STRUCTURAL: 01242023

THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA PLUMBING CODE AND THE 2019 ENERGY STANDARDS CODE. THESE DOCUMENTS AND THE PROVISIONS THEREIN ARE THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY USE, IN WHOLE OR IN PART, FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.

PROJECT: CIVIC CENTER BUILDING

PHELAN PIÑON HILLS C.S.D.

SITE ADDRESS:
 A.P.M. 3086-261-10
 9535 SHEEP CREEK ROAD,
 PHELAN, CA 92329

CONTACT:
 DON BARTZ

JOB NO.
 COM20-L01/01

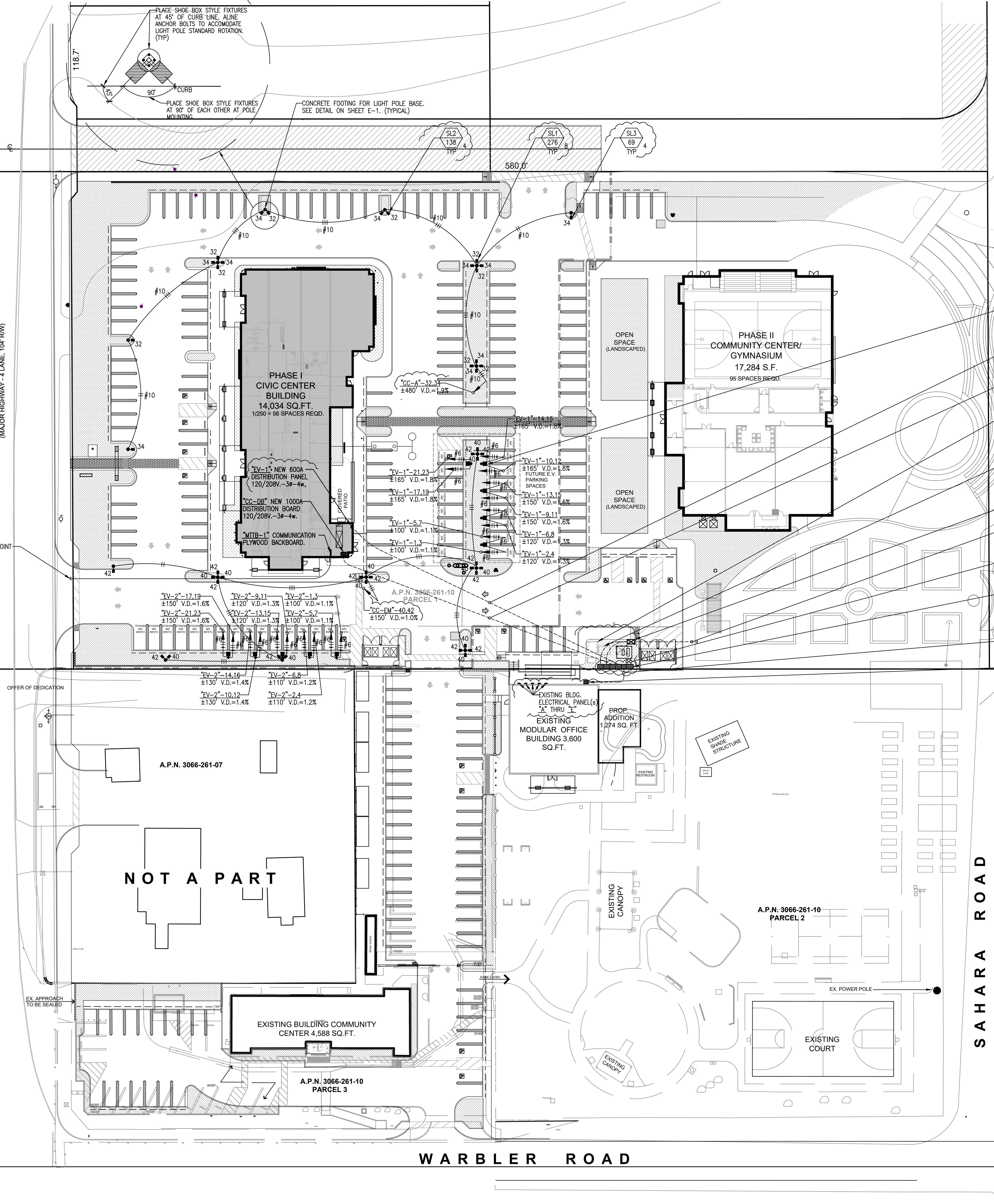
SHEET NAME:
OCCUPANCY & EGRESS PLAN

PAGE
EG-1

SHEEP CREEK ROAD
(MAJOR HIGHWAY - 4 LANE, 104' RW)

SAHARA ROAD

WARBLER ROAD



GENERAL NOTES

1. ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE AND MAKE HIMSELF FAMILIAR WITH ALL CONDITIONS. HE SHALL ADJUST HIS BID TO INCORPORATE ALL AREAS AFFECTED BY RENOVATIONS NOT DIRECTLY SHOWN ON HIS PLANS. HIS BID SHALL BE COMPLETE FOR A OPERABLE AND COMPLETE SYSTEM. NO EXTRAS WILL BE HONORED FOR FAILURE TO VISIT THE JOB SITE.
2. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH ALL GOVERNING NATIONAL, COUNTY, LOCAL CODES, OSHA, AND THE 2019 CALIFORNIA ELECTRICAL CODE.
3. ALL WIRE TO BE COPPER TYPE "THWN/THHN", UNLESS NOTED OTHERWISE.
4. NOTE: SUPERVISORY ALARM SYSTEM IF APPLICABLE. E.C. SHALL FURNISH AND INSTALL (1) 3/4"Ø FROM DETECTOR CHECK VALVE TO BUILDING AND (1) 3/4"Ø FROM EACH P.I.V. TO ITS RESPECTIVE SPRINKLER RISERS IN BUILDING. SEE SPRINKLER DRAWINGS FOR EXACT LOCATIONS.
5. PROVIDE 36" HIGH 4" DIA. STEEL TUBE CONCRETE FILLED BOLLARD 40" ON CENTER (O.C.) AND A MINIMUM OF 42" FROM FACE OF ALL ELECTRICAL SWITCHGEAR, TRANSFORMERS, PANELS ETC., WITHIN ALL TRAFFIC AREAS AS REQUIRED. PAINT BOLLARDS SAFETY YELLOW.
6. INSTALL CONDUITS PER TABLE 300-5 AS FOLLOWS:
A) PVC-18" MINIMUM COVER IN ALL LANDSCAPE AND PLANTING AREAS.
B) PVC-24" MINIMUM COVER IN ALL PARKING AND DRIVE AREAS.
C) ELECTRIC UTILITIES C.E. PVC-30" MINIMUM COVER.
D) TELEPHONE UTILITY PVC-24" MINIMUM COVER.
7. ALL WORK TO COMPLY WITH 2019 CALIFORNIA ELECTRICAL CODE, 2019 CALIFORNIA ENERGY EFFICIENCY STANDARDS AND 2019 CALIFORNIA GREEN BUILDING STANDARDS AND CITY OF NEWBERRY SPRINGS AMENDMENTS TO THE CODE.

NOTE: Provide All Outdoor Light Pole Standards and Building Mounted Light Fixtures within Site With Light Shields and or Hoods to Minimize Glare onto Adjacent Property, And/Or Light Fixtures to be "Night Friendly" as per Light Manufacturer Specifications. And/Or Light Fixture Styles Installed to Not Have the Light Source No More Than 90 Degrees Tilt from Plane of Property Grade

NOTE: ELECTRICAL CONTRACTOR TO VERIFY DIMENSIONS OF SWITCHGEAR AND ADVISE GENERAL CONTRACTOR OF DIMENSIONS FOR EQUIPMENT PLACEMENT.

UTILITY PULL BOX NOTE:
1) PROVIDE 3x5 PULL BOXES AS REQUIRED BY ENFORCEMENT AGENCY.
2) PULL BOXES IN ALL TRAFFIC AREAS SHALL HAVE A TRAFFIC LID.
3) PULL BOXES THAT ARE INTENDED FOR CHANGE OF DIRECTION OF THE CONDUCTORS, THE SIZE OF THE BOX WILL BE BASED UPON THE MAXIMUM ALLOWABLE BEND RADIUS OF THE WIRE SIZE AND TYPE USED.

STUB 1 1/2"Ø TO DESIGNATED PANEL BOARD "EV-1" OR "EV-2" FOR ELECTRIC VEHICLE (E.V.) CHARGING STATION. VERIFY ALL REQUIREMENTS. (TYPICAL) MAXIMUM VOLTAGE DROP TO FURTHEST DEVICE ±165' V.D.=1.8% (Ø 5% MAX.) #1/0 CONDUCTOR(S).

NEW (2) 4" (PVC)-4 #350 MCM CU. & 1 #1/0 CU. GROUND TO FEED ELECTRIC VEHICLE CHARGER STATION PANEL "EV-1".

NEW (4) 4" (PVC)-4 #300 MCM CU. & 1 #1/0 CU. GROUND TO FEED CIVIC CENTER BUILDING DISTRIBUTION BOARD "CC-DB".

"MB" EXISTING ELECTRIC METER SERVICE TO BE DISCONNECTED AND REMOVED DURING DEMOLITION PHASE OF PROJECT 1200A-120/208V-3Ø-4W. ELECTRICAL CONTRACTOR TO VERIFY REQUIREMENTS AND CONDITIONS IN FIELD. ALSO TO CO-ORDINATE DEMOLITION W/LOCAL ELECTRIC UTILITY COMPANY PROVIDER.

EXISTING SITE ELECTRIC UTILITY TRANSFORMER SLAB BOX TO BE REMOVED. NEW SITE ELECTRIC UTILITY TRANSFORMER SLAB BOX TO BE INSTALLED FOR NEW SERVICE UPGRADE. ELECTRICAL CONTRACTOR (E.C.) TO VERIFY & CO-ORDINATE ALL CONDITIONS & REQUIREMENTS W/LOCAL ELECTRIC UTILITY COMPANY PROVIDER.

PROVIDE CONCRETE UTILITY PULL BOX. SEE NOTES ON THIS SHEET. TYPICAL AS SHOWN.

STUB & CAP NEW (Ø) 4"Ø (PVC) FOR FUTURE DISTRIBUTION BOARDS FOR "COM-DB" GYMNASIUM BLDG. & "EX-DB" MASTER PARK IN ACCESSIBLE AREA OF SITE. FOR FUTURE USE. (VERIFY)

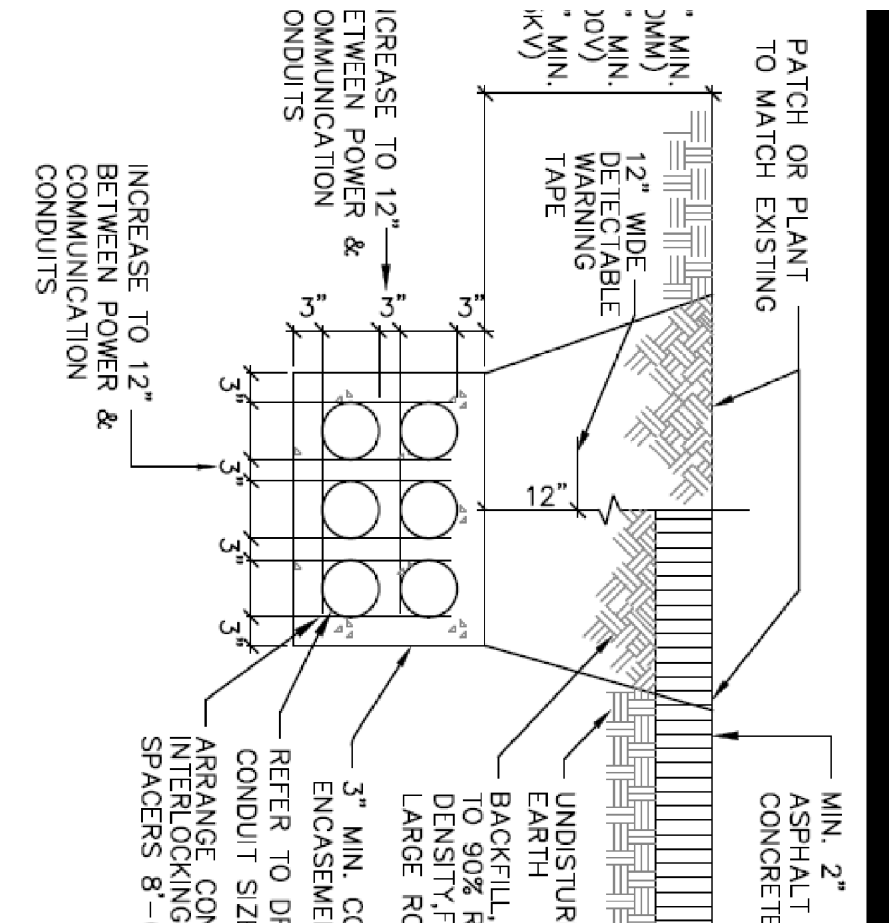
NEW TWO BANKS OF 7-4"Ø (PVC) CONCRETE ENCASED W/A MINIMUM 6" SEPARATION TO BE INSTALLED FOR NEW ELECTRIC SERVICE "MS" UPGRADE. VERIFY ALL REQUIREMENTS W/LOCAL ELECTRIC UTILITY PROVIDER.

"MS" NEW ELECTRIC METER SERVICE IN WEATHER PROOF ENCLOSURE (NEMA 3R) TO BE INSTALLED PROVIDE ON CONCRETE "HOUSE KEEPING" PAD & STEEL BOLLARD PROTECTION BARRIER AS REQUIRED. TO REPLACE EXISTING DEMO SERVICE "MS". NEW SERVICE INSTALLED 4000A 120/208V-3Ø-4W.

PROOF ENCLOSURE TO BE INSTALLED PROVIDE ON CONCRETE "HOUSE KEEPING" PAD & STEEL BOLLARD PROTECTION BARRIER AS REQUIRED. TO BE INSTALLED FOR EXISTING MODULAR BUILDING DISTRIBUTION PANELS 120/208V-3Ø-4W.

"EX-MODULAR-DB" NEW BODA DISTRIBUTION BOARD IN (NEMA 3R) WEATHER PROOF ENCLOSURE TO BE INSTALLED PROVIDE ON CONCRETE "HOUSE KEEPING" PAD & STEEL BOLLARD PROTECTION BARRIER AS REQUIRED. TO BE INSTALLED FOR EXISTING MODULAR BUILDING DISTRIBUTION PANELS 120/208V-3Ø-4W.

IRGRD. MULTI-COND. PLACEMENT



NOTE: INSTALL CONDUITS PER TABLE 300-5 AS FOLLOWS:
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C) ELECTRIC UTILITIES C.E. PVC-30" MINIMUM COVER.
D) TELEPHONE UTILITY PVC-24" MINIMUM COVER.

811

KNOW WHATS BELOW
CALL 811
BEFORE YOU DIG
AT LEAST TWO DAYS
BEFORE YOU DIG

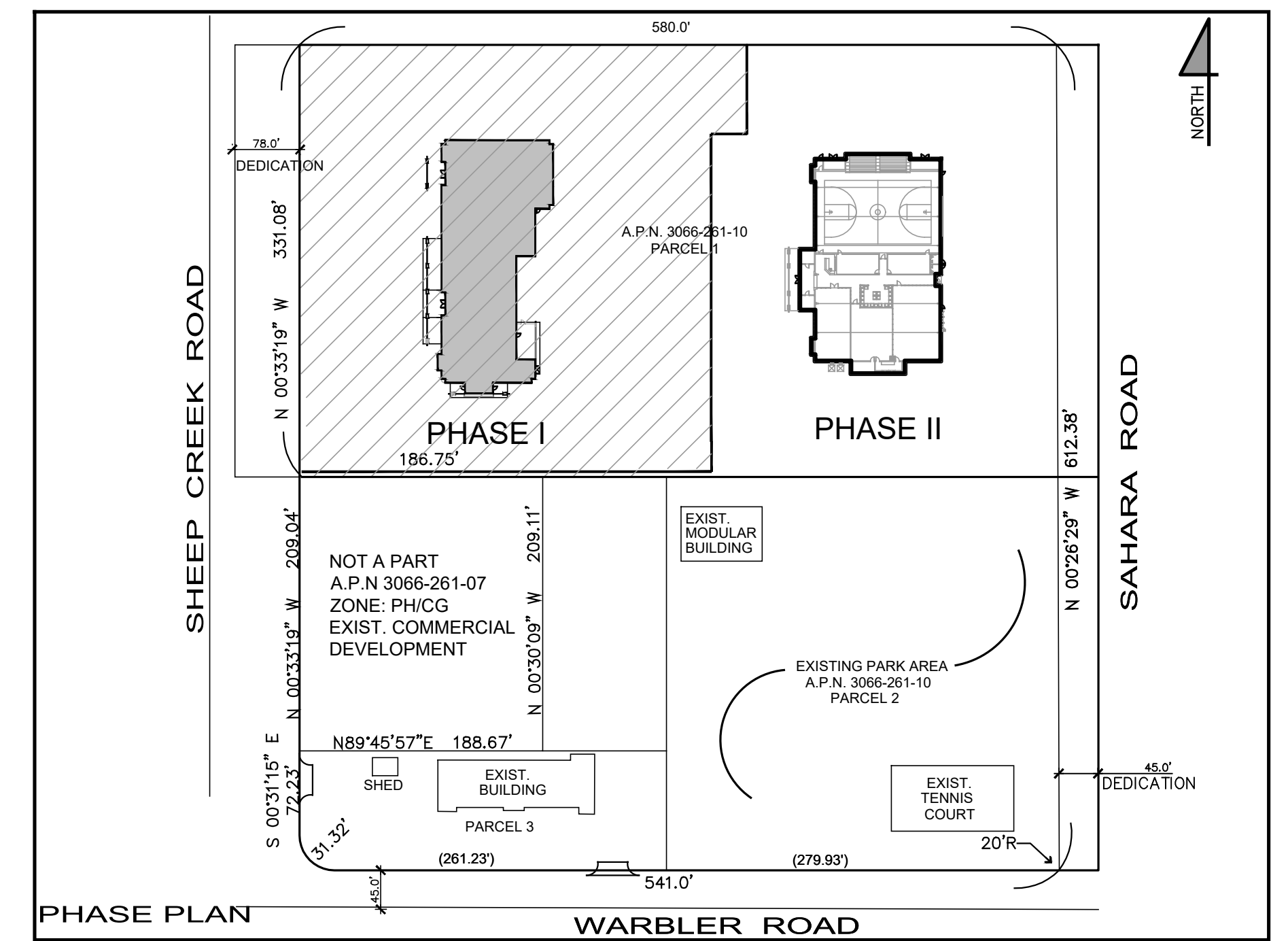
DIGALERT

A FREE PUBLIC SERVICE PROVIDED BY UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

IMPORTANT NOTICE
SECTION 4316 4317 OF THE GOVERNMENT CODE REQUIRES A DIGALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE ISSUED. FOR YOUR EXCAVATION ID NUMBER CALL UNDERGROUND SERVICE ALERT. CALL YOUR LOCAL OFFICE TWO WORKING DAYS BEFORE YOU DIG.

UNDERGROUND NOTE
THE UTILITY CONDUIT SHOWN ON THESE PLANS IS CONCEPT ONLY. PLEASE REFER TO INDIVIDUAL UTILITY PLANS FOR EXACT LOCATION AND ROUTING.

DIMENSIONING NOTE
UNLESS SPECIFICALLY DIMENSIONED, ALL PANEL AND CONDUIT LOCATIONS ARE FOR DIAGRAMMATIC PURPOSES ONLY AND ARE SUBJECT TO PLACEMENT FOR FIELD CONDITIONS.

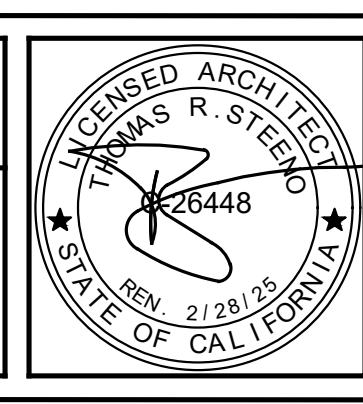


NOT A PART

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DATE FINISHED MAY 2022	THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA ELECTRICAL CODE AND THE 2019 CALIFORNIA GREEN BUILDING STANDARDS AND THE 2019 CALIFORNIA ENERGY EFFICIENCY STANDARDS.
REVISION 8 REV. CODE: 021422 BLDG. CODE: 021422 ELECTRICAL: 053022 SEPTIC: 102722 ADDDENDUM TO STRUCTURAL: 01242023	THESE DOCUMENTS AND THE DESIGN AND DETAILS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, ARE THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY USE, IN WHOLE OR IN PART, FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.



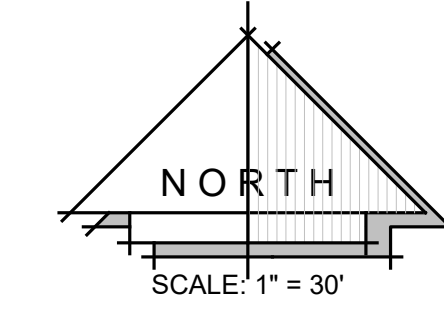
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PHELAN PIÑON HILLS C.S.D.

SITE ADDRESS: A.P.N. 3066-261-10
3035 SHEEP CREEK ROAD
PHELAN, CA 92329

CONTACT: DON BARTZ

JOB NO. COM20-L01/01	PAGE E-0
SHEET NAME: ELECTRICAL SITE PLAN	



SHEEP CREEK ROAD

SAHARA ROAD

WARBLER ROAD

ADJACENT PROPERTY
A.P.N 3066-251-05
ZONE: PH/CG VACANT

ADJACENT PROPERTY
A.P.N 3066-251-06
ZONE: PH/CG VACANT

PHASE I
ADMINISTRATION
BUILDING
14,034 SQ.FT.

PHASE II
RECREATION
BUILDING
7,284 SQ.FT.

A.P.N. 3066-261-10
PARCEL 1

A.P.N. 3066-261-07

A.P.N. 3066-261-10
PARCEL 2

A.P.N. 3066-261-10
PARCEL 3

EXISTING BUILDING COMMUNITY
CENTER 4,588 SQ.FT.

EXISTING MODULAR/OFFICE
BUILDING 3,600
SQ.FT.

PROP. ADDITION
1,274 SQ. FT.

FENCED PARKING
39-SPACES

FORMAL
GARDEN
AREA

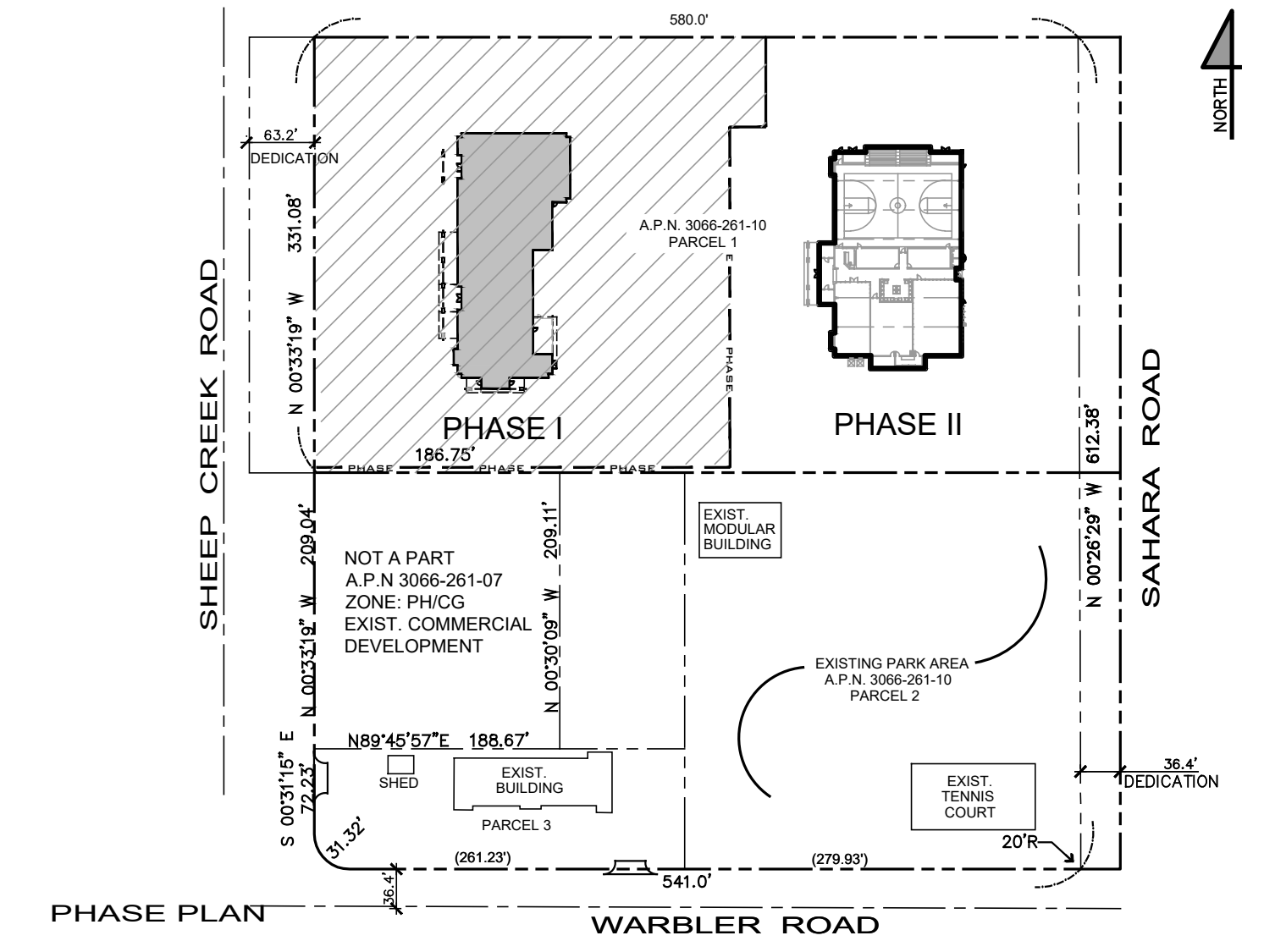
COMMUNITY
GARDEN

COMMUNITY
GARDEN

EXISTING COURT

EXISTING
CANOPY

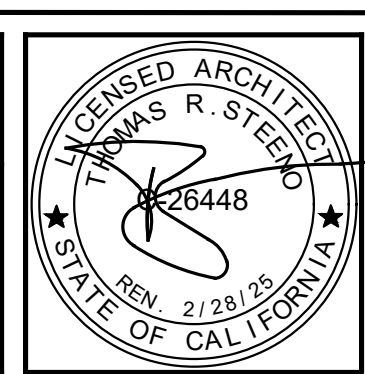
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DATE FINISHED	MAY 2022
REVISIONS	
DEV. CODE 021422	
BLDG. CODE 001422	
ELECTRICAL 093022	
MECHANICAL 093022	
ADDENDUM TO	
STRUCTURAL 01242023	

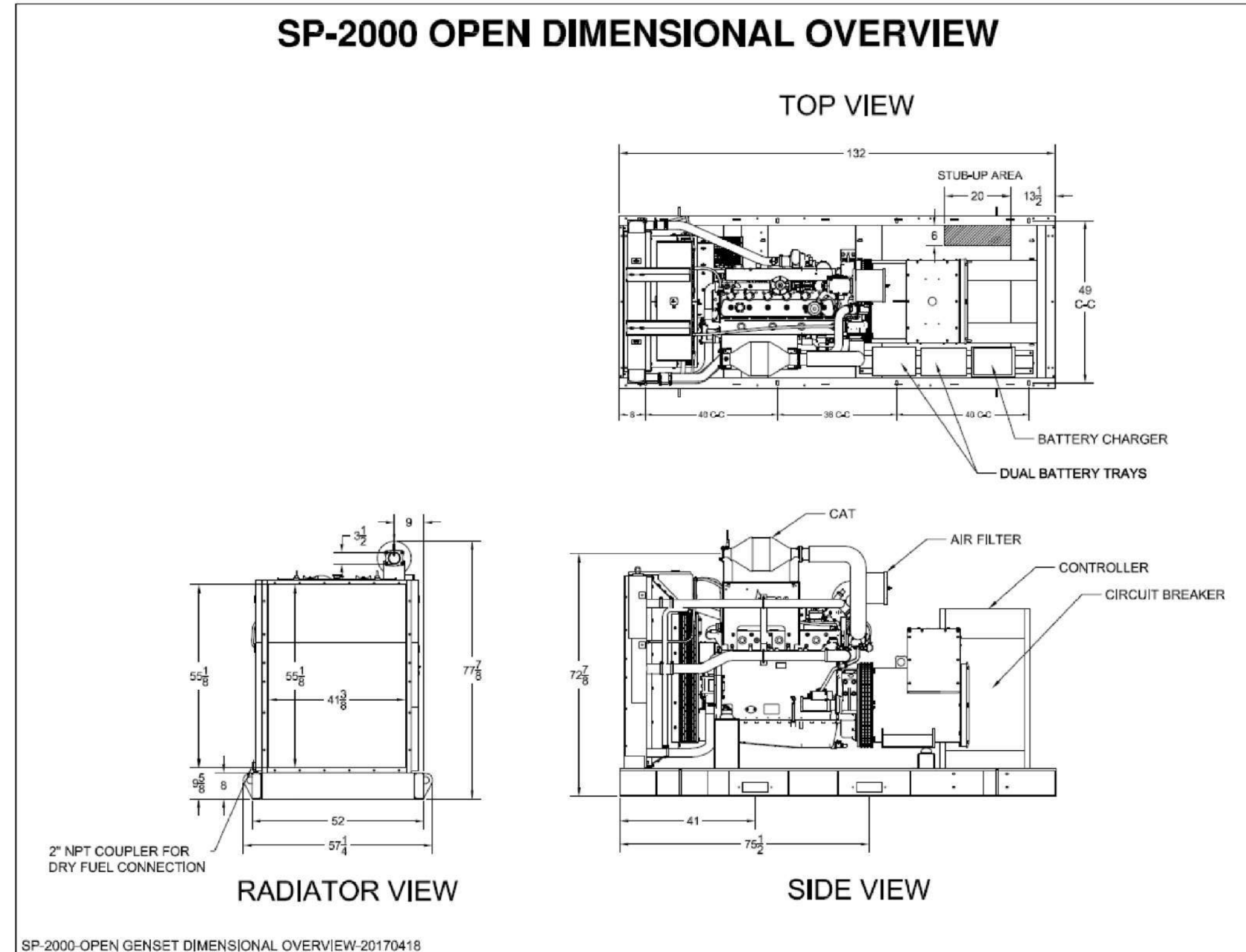
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PROJECT: CIVIC CENTER BUILDING
PHELAN PIÑON HILLS C.S.D.
SITE ADDRESS: A.P.N. 3066-261-10 9535 SHEEP CREEK ROAD PHELAN, CA 92329
CONTACT: DON BARTZ

JOB NO.	COM20-L01/01
SHEET NAME	SITE PLAN PHOTOMETRIC

PAGE	E-0.1
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SP-2000 OPEN GENSET DIMENSIONAL OVERVIEW 20170418

PSI HEAVY-DUTY 11.1L ENGINE ENGINEERING DATA

11.1L Industrial Stationary Engine

Displacement	673 cid	11,030 cc
Compression Ratio	10.5:1	
Bore & Stroke	4.84 in x 6.1 in	123 mm x 155 mm
kWe	200hp/1,800 rpm (Natural Gas)	175@1,500 rpm (Natural Gas)
Emission-Certified	EPA, CARB - Industrial Stationary	
Fuel Types	Natural Gas / Propane	

GENERAL DATA

- Water-cooled, turbo-charged, air-to-air inter-cooled, stoichiometric, replaceable wet cylinder liners
- Cast iron block & heads, 10.5:1 compression ratio, overhead valve/2V configuration
- Crankshaft gear-driven oil system with cartridge-type filter, belt-driven centrifugal water pump
- Full ECU engine control including coil-on-plug variable timing ignition, electronic governor and fuel-air ratio control
- Engine protection for oil pressure, coolant level, coolant temperature, fuel pressure, over-speed
- Complete fuel system for single fuel (NG/LPG) operation with closed-loop control
- Alternator (45A/24VDC)
- Starter (24VDC)
- CANBUS J1939 interface

Power shown is gross engine power and has been corrected to SAE J1939. Actual installed power levels may vary depending on the application and OEM supplied components.

Information may vary with application. All specifications listed are based on the latest product information available at the time of publication. The right is reserved to make changes at any time without notice.

201 Mittel Drive, Wood Dale, IL 60191
T: 630-350-9400 F: 630-350-9900
www.psiengines.com

APPLICATION AND ENGINEERING DATA FOR MODEL SP-2000-60 HZ

COOLING SYSTEM

Type of System: Presurized, closed recovery
Coolant Pump: Pre-lubricated, self-priming
Cooling Fan Type (no. of blades): Pusher (12)
Fan Diameter inches (mm): 38" (965)
Ambient Capacity of Radiator °F (°C): 125 (51.6)
Engine Jacket Coolant Capacity Gal (L): 5.5 (21.0)
Radiator Coolant Capacity Gal (L): 30.6 (116)
Maximum Restriction of Cooling Air Intake and discharge side of radiator in: H2O (kpa): 0.5 (1.25)
Water Pump Capacity gpm (L/min): 75 (284)
Heat Reject Coolant: Btu/min (kw): 8100 (142)
Low Radiator Coolant Level Shutdown: Standard
Note: Coolant temp. shut-down switch setting at 230°F (110°C) with 95% (water/antifreeze) mix.

AIR REQUIREMENTS

Combustion Air: cfm (m³/min): 448 (12.7)
Radiator Air Flow cfm (m³/min): 18,000 (510)
Heat Rejected to Ambient: 60.3 (3430)
Alternator: kw (btu/min): 16 (910)

EXHAUST SYSTEM

Exhaust Outlet Size: 3.5"
Max. Back Pressure, in. hg (KPA): 3.0 (10.2)
Exhaust Flow, at rated kw: cfm (m³/min): 1425 (40.3)
Exhaust Temp., at rated kw: °F (°C): 1382 (750)
Engines are EPA certified for Manual Gas.

SOUND LEVELS MEASURED IN dB(A)

	Open Set	Level 2 Enclosure
Level 2, Critical Silencer	90	75
Level 3, Hospital Silencer	75	71

Note: Open sets (no enclosure) has (2) optional silencer system choices due to unknown job-site applications. Level 2 enclosure has installed critical silencer with upgrade to hospital silencer. Sound tests are averaged from several test points and taken at 23 ft. (7 m) from source of noise at normal operation.

DERATE GENERATOR FOR ALTITUDE

3% per 1000 ft. (305m) above 3000 ft. (914m) from sea level

DERATE GENERATOR FOR TEMPERATURE

2% per 10°F (5.6°C) above 104°F (40°C)

DIMENSIONS AND WEIGHTS

	Open Set	Level 2 Enclosure
Length in (cm)	132 (335)	186 (473)
Width in (cm)	52 (132)	72 (183)
Height in (cm)	80 (203)	94 (239)
3 Ø Net Weight lbs (kg)	6375 (2891)	8975 (4071)
3 Ø Net Weight lbs (kg)	6725 (3050)	9325 (4230)

DEEP SEA 7420 DIGITAL MICROPROCESSOR CONTROLLER

The "7420" controller is an auto start mains (unily) failure module for single gen-set applications. This controller includes a backlit LCD display which continuously displays the status of the engine and generator at all times.

The "4M" controller will also monitor speed, frequency, voltage, current, oil pressure, coolant temp. and fuel levels. These modules have been designed to display warning and shut down status. It also includes: (11) configurable inputs, (8) configurable outputs, voltage monitoring, status (unily) failure detection.

• (250) event logs • configurable timers • automatic shutdown or warning during fault detection • remote start (on load) • engine preheat • advanced metering capability • hour meter • text LCD displays • protected solid state outputs • test buttons for: stop-trust • manual mode • auto mode • lamp test • start button • power monitoring (kVA, kW, Ar, kVAh, kWh, kWhd)

This controller includes expansion features including RS232, RS484 (using MODBUS-RTU/TCP), direct USB connection with PC, expansion options using DSENet for remote monitoring and remote relay interfacing for a distance of up to 3100FT. The controller software is freely downloadable from the internet and allows monitoring with direct USB cable, LAN, or by internet via the built in web interface.

• (250) event logs • configurable timers • automatic shutdown or warning during fault detection • remote start (on load) • engine preheat • advanced metering capability • hour meter • text LCD displays • protected solid state outputs • test buttons for: stop-trust • manual mode • auto mode • lamp test • start button • power monitoring (kVA, kW, Ar, kVAh, kWh, kWhd)

LOW LOAD CONDITIONS: Operation of PSI HD engines at low load conditions should be limited to no more than one (1) hour per twenty-four (24) hour period. If an application requires extended time at light load, it is recommended that the engine load be increased to at least 70% of mechanical rating for a minimum of two (2) hours per fifty (50) hours of low load operation. Piston sealing rings rely on adequate cylinder firing pressure and temperature to seal the combustion chamber and prevent excessive engine oil from entering the power cylinder. Under low loads these rings will not seal properly, resulting in oil being burned in the combustion chamber and carbon deposits on pistons and valves. This mechanism is well-documented in reciprocating engines of all fuel types and is often referred to as "wet-stacking."

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STANDARD FEATURES FOR MODEL SP-2000-60 HZ

STANDARD FEATURES

CONTROL PANEL:
Deep Sea 7420 digital microprocessor with logic allows programming in the field. Controller has:
• STOP-MANUAL-AUTO modes and automatic engine shutdowns, signaled by fail test LCD indicators.
• Low oil pressure • Engine fail to start
• High engine temp • Engine over speed
• Low Radiator Level • Engine under speed
• Three auxiliary alarms • Over & under voltage
• Battery fail alarm
Also included is tamper-proof engine hour meter

AC GENERATOR SYSTEM:
AC generator • Silent excited • Brushless design • Circuit Breaker installed and wired to gen-set • Direct connection to engine with flex disc • Class H, 180°C insulation • Self ventilated • Drop proof construction • UL Certified

VOLTAGE REGULATOR:
• ½% Voltage regulation • EMI filter • Under-speed protection • Over-excitation protection • total encapsulation

DC ELECTRICAL SYSTEM:
Battery tray • Battery cables • Battery hold down straps • 2-stage Battery float charger with maintaining & recharging automatic charge stages

WEATHER/SOUND PROOF ALUMINUM HOUSING CORROSION RESISTANT PROTECTION CONSISTING OF:
• Hot-dip and Agitated Wash Stages
• Zinc Phosphate Etching-coating Stage
• Final Baked On Enamel Powder Coat
• 18" Stainless Steel Handwear

Design & specifications subject to change without prior notice. Dimensions shown are approximate. Contact Gillette for certified drawings. DO NOT USE DIMENSIONS FOR INSTALLATION PURPOSES.

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GILLETTE GENERATORS

LIQUID COOLED NAT. GAS ENGINE GENERATOR SET

60 HZ MODEL SP-2000

Model	HZ	STANDBY 120°C RISE	N/G
SP-2000-60 HERTZ	60	136	200

All generator sets are USA prototype built and thoroughly tested. Production models are USA factory built and 100% load tested.

USA: All generator sets are USA prototype built and thoroughly tested. Production models are USA factory built and 100% load tested.

UL: UL2200, UL1446, UL508, UL142, UL498

NFPA: NFPA 110, 99, 70, 37
All generator sets meet NFPA-110 Level 1, when equipped with the necessary accessories and installed per NFPA standards.

NEC: NEC 700, 701, 702, 708

NEMA: NEMA ICS10, MG1, ICS6, AB1

ANSI: ANSI C62.41, 27, 59, 32, 480, 400, 81U, 360-05

ASCE: ASCE 7-05 & 7-10
All generator sets meet 180 MPH rating.

EPA: EPA 40CFR Part 60, 1048, 1054, 1065, 1068

GENERATOR RATINGS

GENERATOR MODEL	VOLTAGE			HZ	LIQUID PROPANE GAS FUEL		NATURAL GAS FUEL	
	LN	LL	PH		120°C RISE STANDBY RATING	120°C RISE STANDBY RATING	120°C RISE STANDBY RATING	120°C RISE STANDBY RATING
SP-2000-3-2	120	208	3	60	136/170	472	200/250	694
SP-2000-3-3	120	240	3	60	136/170	409	200/250	602
SP-2000-3-4	277	480	3	60	136/170	204	200/250	301
SP-2000-3-5	127	220	3	60	136/170	448	200/250	656
SP-2000-3-16	346	600	3	60	136/170	183	200/250	241

RATINGS: All three phase gen-sets are 12 load windings, rated at 8 power factor. 120°C "STANDBY RATINGS" are steady for gen-sets that are used for back-up emergency power to a fixed normal utility power source. This steady rating allows varying loads, with no overload capability, for the entire duration of utility power outage. All gen-set power ratings are based on temperature rise measured by resistance method as defined by MIL-STD 706C and IEEE STD 111, METHOD 6.4.4. All generators have class H (180°C) insulation system on both rotor and stator windings. All battery tests and RRVTA (short-circuit) tests are based on 120°C (steady) R.R. winding temperature, within a maximum 40°C ambient condition. Generator operation at steady power ratings must not exceed the temperature rise limitations for class H insulation system, as specified in NEMA MG1-22.40. Specifications & ratings are subject to change without prior notice.

Full aluminum weather protection and superior sound attenuation for specific low noise applications. Critical grade muffler is standard.

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APPLICATION AND ENGINEERING DATA FOR MODEL SP-2000-60 HZ

GENERATOR SPECIFICATIONS

Manufacturer: Stamford Electric Generators
Model & Type: UC1274H-17, 4 Pole, 12 Lead, Three Phase
Exciter: Brushless, shut excited
Voltage Regulator: Solid State, HZ/Volts
Voltage Regulation: ½% No load to full load
Frequency: Field convertible, 60 HZ to 50 HZ
Frequency Regulation: ½% (½ cycle, no load to full load)
Unbalanced Load Capability: 100% of steady state
Total Starter and Load Invention: Class H, 180°C
Temperature Rise: 120°C R.R. standby rating @ 40°C amb
3 Ø Motor Starting @ 30% Voltage Dip (208-240V) 600 kVA
3 Ø Motor Starting @ 30% Voltage Dip (480V) 840 kVA
3 Ø Motor Starting @ 30% Voltage Dip (600V) 850 kVA
Bearing: 1. Pre-lubed and sealed
Coupling: Direct flexible disc
Total Harmonic Distortion: Max 3% (MIL-STD 705B)
Telephone Interference Factor: Max 50 (NEMA MG1-22)
Deviation Factor: Max 5% (MIL-STD 400B)
Ltd. Warranty Period: 24 Months from date of start-up or 1000 hours use, first to occur.

GENERATOR FEATURES

- World Renown Stamford Electric Generator having UL-1446 certification on full autonomous windings
- Full generator protection with Deep Sea 7420 controller, having UL-508 certification.
- Automatic voltage regulator with over-excitation, under-frequency compensation, under-speed protection, and EMI filtering. Entire solid-state board is encapsulated for moisture protection.
- Generator power ratings are based on temperature rise, measured by resistance method, as defined in MIL-STD 705C and IEEE STD 111, Method 6.4.4.
- Power ratings will not exceed temperature rise limitation for class H insulation as per NEMA MG1-22.40.
- Insulation resistance to ground, exceeds 1.5 meg-ohm.
- Stator receives 2000 V. hi-potential test on main windings, and rotor windings receive a 1500 V. hi-potential test, as per MIL-STD 705B.
- Complete engine-generator torsional acceptance, confirmed during initial prototype testing.
- Full load testing on all engine-generator sets, before shipping.
- Self ventilating and drop-proof & revolving field design.

ENGINE SPECIFICATIONS AND APPLICATIONS DATA

ENGINE
Manufacturer: Power Solutions Inc. (PSI)
Model and Type: Heavy Duty 11.1L/7CA, 4 cycle
Aspiration: Turbocharged & Charge Air Cooled
Cylinder Arrangement: 6 Cylinders, In-line
Displacement Cu. In. (Liters): 674 (11.1)
Bore & Stroke In. (Cm): 4.84 x 6.1 (12.3 x 15.5)
Compression Ratio: 10.5:1
Main Bearings & Style: 7, Precision Half-Shell
Cylinder Head: Cast Iron
Pistons: Cast Aluminum
Crankshaft: Forged Steel
Exhaust Valve: Incooled, A193
Governor: Electronic
Frequency Reg. (no load-fall load): Isochronous
Frequency Reg. (steady state): ± 1/4%
Air Cleaner: Dry, Replaceable Cartridge
Engine Speed: 1800
Piston Speed: f/min (m/min): 18310 (558)
Max Power: bhp (kw/m) Standby/LPG: 208 (155)
Max Power: bhp (kw/m) Standby/NG: 315 (235)
Ltd. Warranty Period: 12 Months or 2000 hrs., first to occur

FUEL CONSUMPTION

LP GAS: FT ³ /HR (M ³ /HR)	STANDBY	
	100% LOAD	75% LOAD
703 (19.9)	609 (17.0)	496 (11.5)
LP GAS: BTU/HR (M ³ /HR)	STANDBY	
	100% LOAD	75% LOAD
1069 (111.5)	915 (86.7)	715 (66.8)

OIL SYSTEM

Type: Full Pressure
Oil Pan Capacity qt. (L): 26.4 (25.0)
Oil Pan Cap. W/ filter qt. (L): 28.8 (27.0)
Oil Filter: 1, Replaceable Spin-On

ELECTRICAL SYSTEM

Ignition System: Electronic
Eng. Alternator/Starter: 24 VDC, negative ground, 45 amp/hr
Recommended battery to -18°C (°F): (2) 12 VDC, BC18 27,
Max. Dimensions: 12"lg x 6 3/4" w x 8 7/8" ht, with standard round posts. Min output 700 CCA. Battery tray (max. dim. at 12"lg x 7 7/8"). This model has (2) battery trays, (2) hold down straps, (2) sets of battery cables, and (1) battery charger. Installation of (2) 12VDC starting batteries connected in series for 24VDC output is required, with possible higher AMP/HR rating, as described above, if the normal environment temperature averages -13°F (-25°C) or cooler.

FUEL SYSTEM

Type: LPG or NAT. GAS, Vapor Withdrawal
Fuel Pressure (kpa), in H₂O: (1.74-2.74), 7"-11"
Secondary Fuel Regulator: NG or LPG Vapor System
Auto Fuel Lock-Off Solenoid: Standard on all sets
Fuel Supply Inlet Line: 2" NPTT

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DATE FINISHED: MAY 2022

REVISIONS:

- DEV_CODE_09/19/22
- BLDG_CODE_09/19/22
- ELECTRICAL_09/30/22
- MECHANICAL_09/30/22
- STRUCTURAL_01/24/2023

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PHELAN PIÑON HILLS C.S.D.

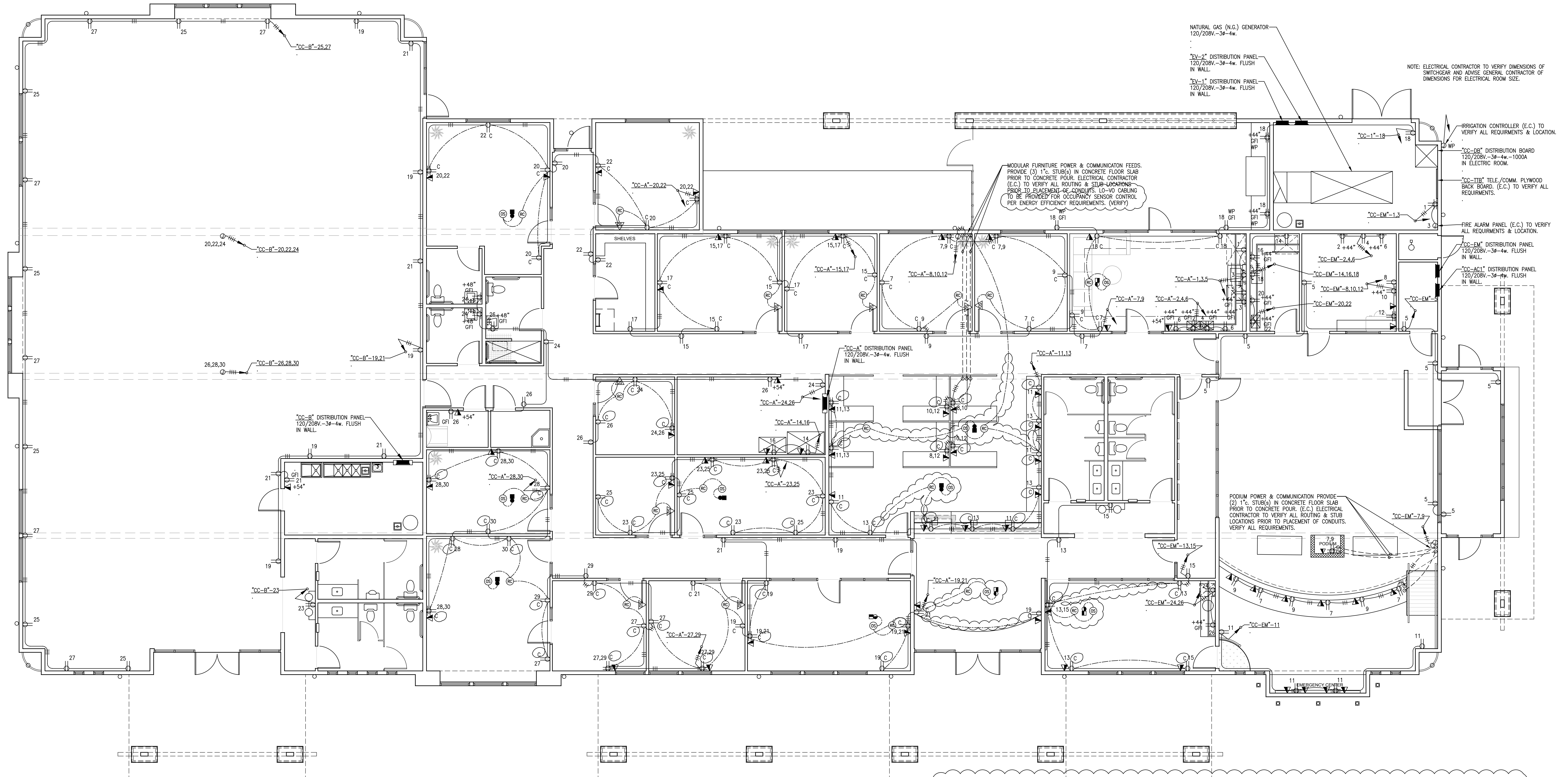
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CONTACT: DON BARTZ

JOB NO. COM20-L01/01

SHEET NAME: GENERATOR EQUIP. SPEC. SHEETS

E-2.5



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

FOUR-PLEX RECEPTACLE DETAIL
SCALE: N.T.S.

DUPLEX RECEPTACLE DETAIL
SCALE: N.T.S.

ENERGY COMPLIANCE CONTROL LEGEND

- 120V. POWER PACK
- ▽ 120V. WALL MOUNTED MOTION SENSOR PROVIDED w/SWITCH OVERRIDE CONTROL.
- ⊙ CEILING MOUNTED MOTION SENSOR LO-VØ WIRING
- ⊕ DIGITAL PLUG ABOVE CEILING "WATT STOPPER" #MPL-101 OR EQUAL.
- ⊖ ALL RECEPTACLE OUTLETS DENOTED WITH 'C' ARE TO HAVE HALF THE OUTLET ROUTED VIA THE ASSOCIATED ROOM OCCUPANCY SENSOR REMOTE w/LIGHTING. SEE RECEPTACLE DETAIL ON THIS SHEET.

DIMENSIONING NOTE
UNLESS SPECIFICALLY DIMENSIONED, ALL PANEL AND CONDUIT LOCATIONS ARE FOR DIAGRAMMATIC PURPOSES ONLY AND ARE SUBJECT TO PLACEMENT FOR FIELD CONDITIONS.

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DATE FINISHED MAY 2022
REVISIONS
1. BLDG. CODE 0214022
2. ELECTRICAL_09/30/22
3. SEPTIC_10/27/22
ADDENDUM TO STRUCTURAL_01/24/2023

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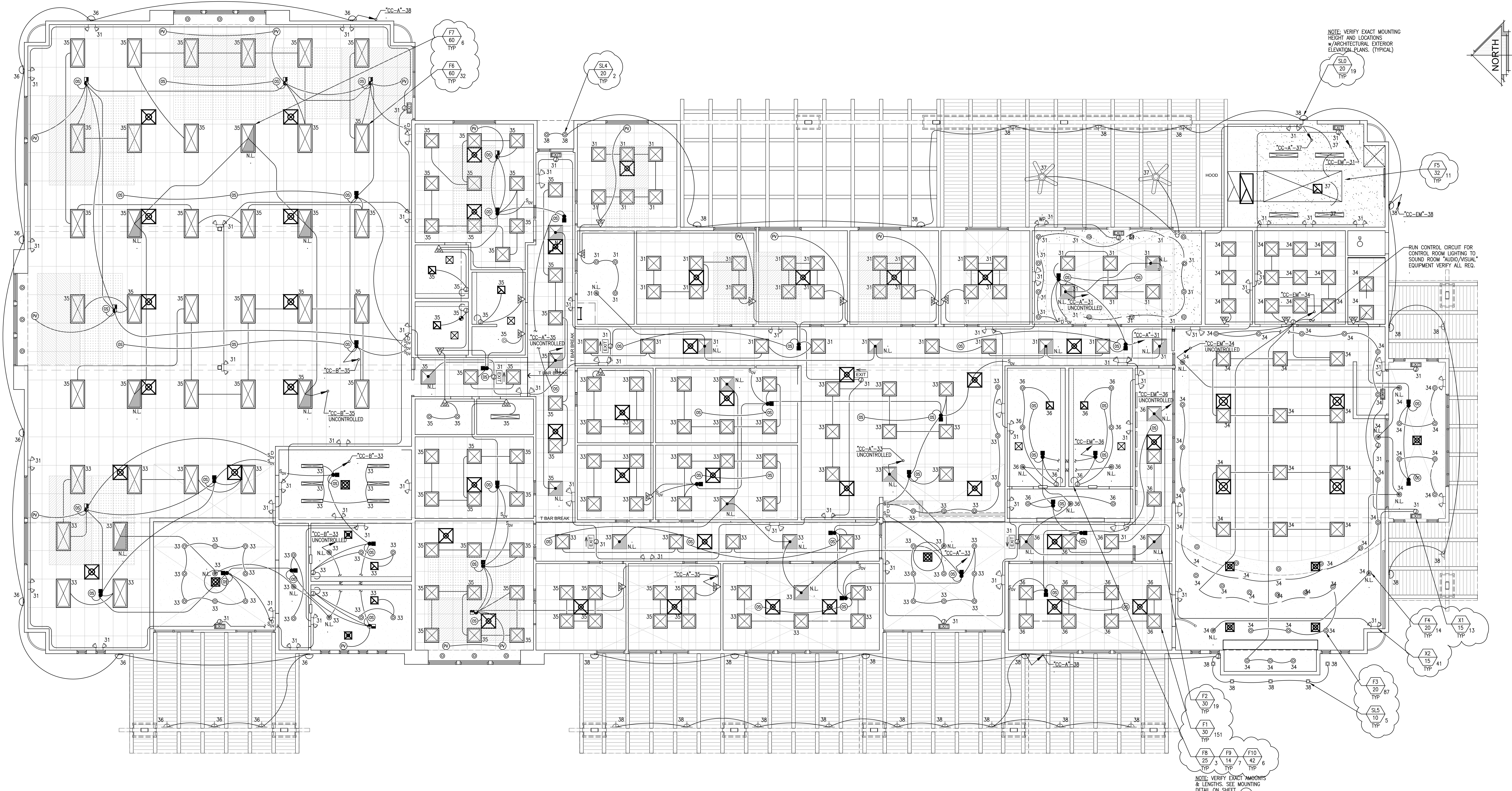
PROJECT: CIVIC CENTER BUILDING
PHELAN PIÑON HILLS C.S.D.

SITE ADDRESS: 24 P.A. 3066-051-10
1835 SHEEP CREEK ROAD
PHELAN, CA 92329

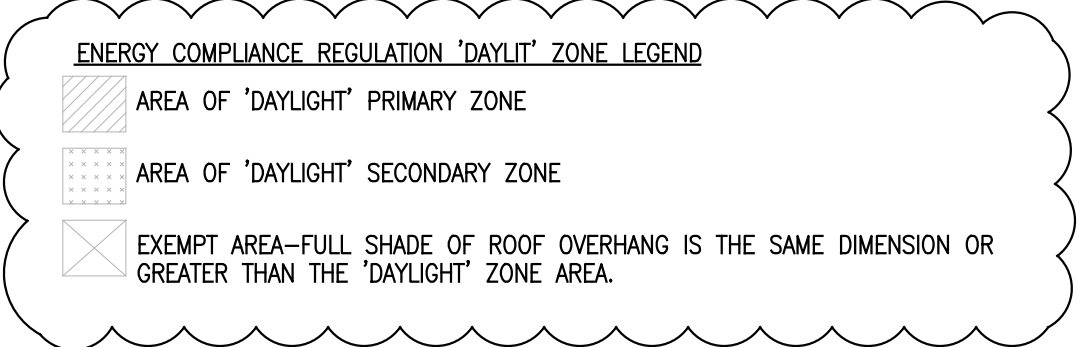
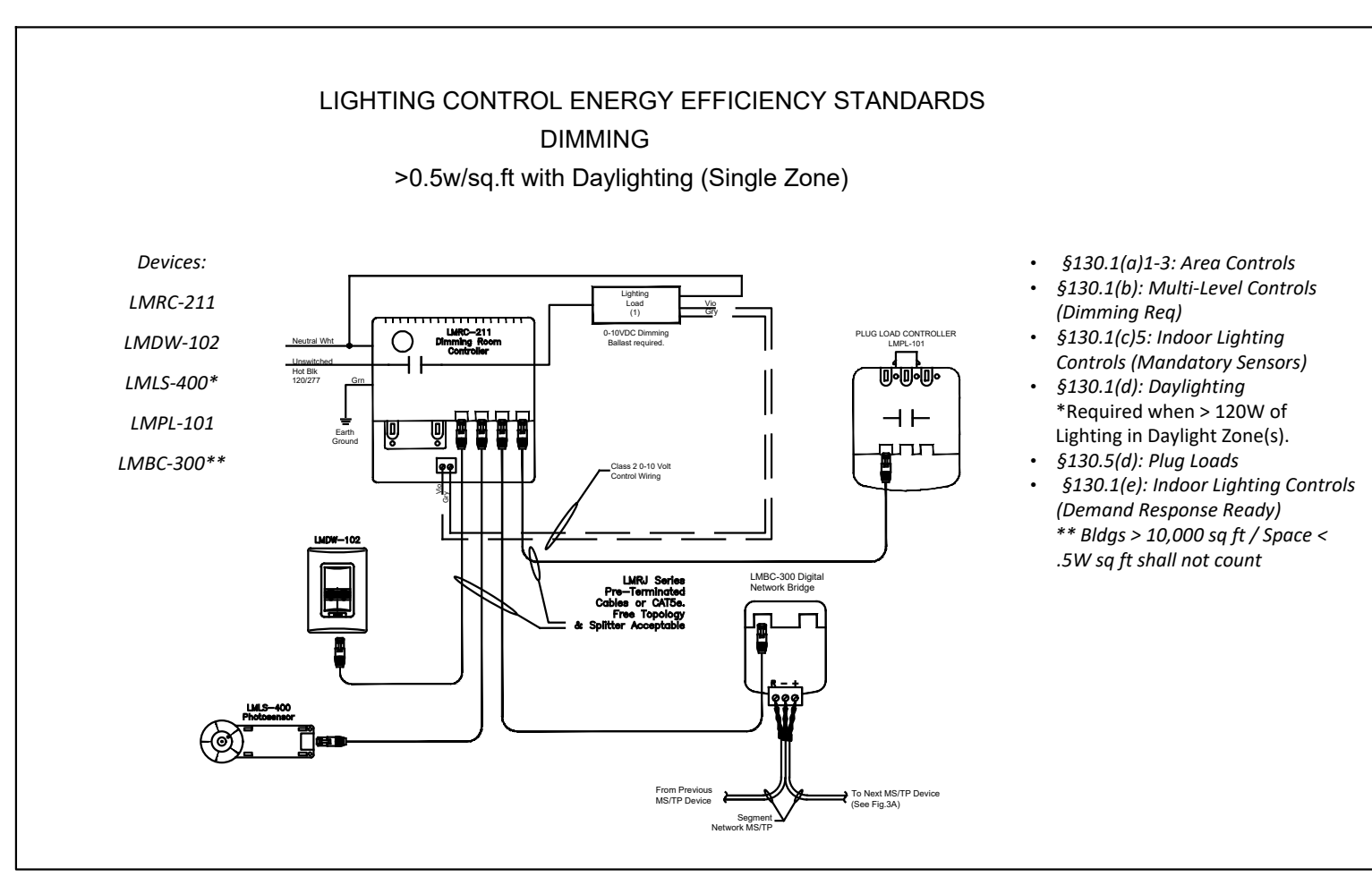
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JOB NO. COM20-101/01	PAGE E-3
SHEET NAME: POWER PLAN	

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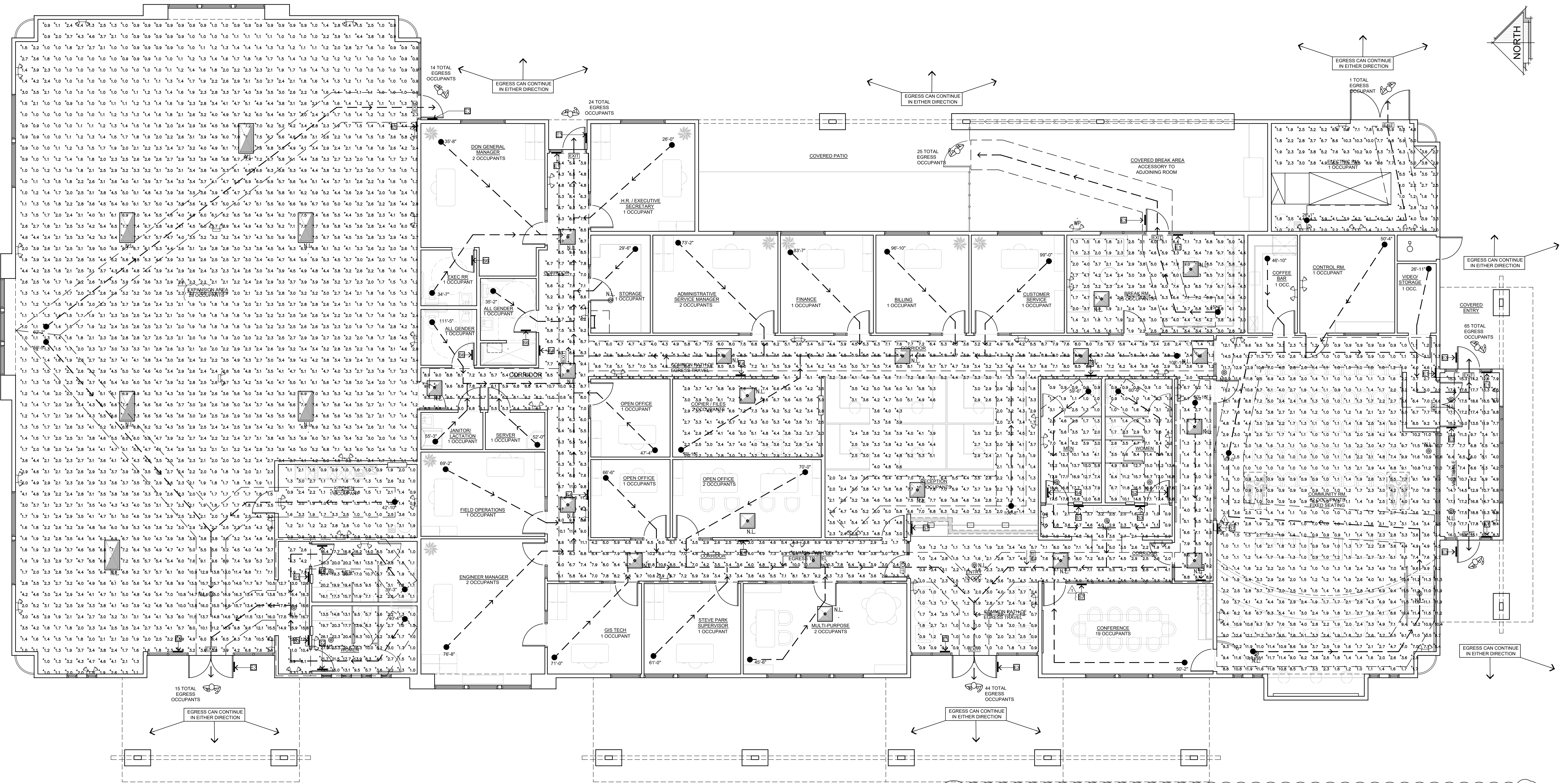


LIGHTING PLAN
SCALE: DIAGRAMMATIC



- LIGHTING CONTROL LEGEND**
- 120V. POWER PACK
 - ▽ 120V. WALL MOUNTED MOTION SENSOR PROVIDED w/SWITCH OVERRIDE CONTROL.
 - ⊙ CEILING MOUNTED MOTION SENSOR LO-VOL WIRING
 - ⊙ CEILING MOUNTED PHOTOVOLTAIC SENSOR PER ALL ENERGY EFFICIENCY STANDARDS.
 - ⊙ 120V. DIMMING 0-10V. ROOM CONTROLLER PER ALL ENERGY EFFICIENCY STANDARDS.
 - ⊙v MANUAL SWITCH OVERRIDE CONTROL PER ENERGY EFFICIENCY STANDARDS.
 - ⊙v SWITCH OVERRIDE w/DIMMING CONTROL PER ENERGY EFFICIENCY STANDARDS.

<p>STEENO DESIGN STUDIO INC. ARCHITECTURE • DESIGN • PLANNING 11774 HESPERIA ROAD, SUITE 8 • HESPERIA, CA 92345 PHONE (760) 244-5001 • FAX (760) 244-1948 www.steenodesign.com</p>	<p>DATE FINISHED MAY 2022</p>	<p>THESE PLANS SHALL COMPLY WITH ALL CITY ORDINANCES, COUNTY ORDINANCES, STATE ORDINANCES, AND THE 2019 ENERGY STANDARDS.</p> <p>THESE DOCUMENTS AND THE DESIGN AND IDEAS INCORPORATED HEREIN AS AN INSTRUMENT OF PROFESSIONAL SERVICE ARE THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY USE, IN WHOLE OR IN PART, FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.</p>	<p>PROJECT: CIVIC CENTER BUILDING</p> <p>PHELAN PIÑON HILLS C.S.D.</p> <p>SITE ADDRESS: A.P.N. 306R0211-10 9635 SHEEP CREEK ROAD PHELAN, CA 92329</p>	<p>JOB NO. COM20-L01/01</p> <p>SHEET NAME: LIGHTING PLAN</p>	<p>PAGE E-4</p>
	<p>REVIEW: S I D W S BLDG_CODE_08/08/22 ELECTRICAL_08/08/22 DATE: 10/07/22 ADDENDUM TO STRUCTURAL_01/24/2023</p>	<p>CONTACT: DON BARTZ</p>			



EGRESS PHOTOMETRIC PLAN
SCALE: DIAGRAMMATIC

STATISTICS	Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Rest Room Mens	+	7.3 fc	18.4 fc	0.8 fc	23.0:1	9.1:1	
Rest Room Womens	+	7.0 fc	17.6 fc	0.7 fc	25.1:1	10.0:1	
Hallways & Corridors	+	4.3 fc	9.8 fc	1.2 fc	8.2:1	3.6:1	
Main Entry	+	2.9 fc	8.5 fc	0.3 fc	28.3:1	9.7:1	
STATISTICS	Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Break Room	+	4.2 fc	9.3 fc	1.3 fc	7.2:1	3.2:1	
Electric Room	+	4.3 fc	10.3 fc	0.9 fc	11.4:1	4.8:1	
Vestibule / Entry	+	12.0 fc	18.8 fc	4.0 fc	4.7:1	3.0:1	
Community Room	+	4.0 fc	14.6 fc	0.8 fc	18.3:1	5.0:1	
STATISTICS	Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Hallways & Corridors	+	4.7 fc	9.6 fc	1.1 fc	8.7:1	4.3:1	
Work Area Room	+	7.0 fc	12.1 fc	1.4 fc	8.6:1	5.0:1	

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DATE FINISHED
MAY 2022

REVISIONS
1. BLDG. CODE 021422
2. BLDG. CODE 080822
3. ELECTRICAL 093022
4. SERVICE 102722
5. ADDENDUM TO STRUCTURAL 01242023

THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA BUILDING CODE (CBC) AND THE 2019 ENERGY STANDARDS CODE (ESC) UNLESS OTHERWISE NOTED.

THESE DOCUMENTS AND THE DESIGN AND IDEAS INCORPORATED THEREIN ARE THE INSTRUMENTS OF PROFESSIONAL SERVICE AND THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY USE, IN WHOLE OR IN PART FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.

SEALED ARCHITECT
PHELAN PINON HILLS
26448
STATE OF CALIFORNIA
JUL 23 2023

PROJECT: CIVIC CENTER BUILDING
PHELAN PIÑON HILLS C.S.D.

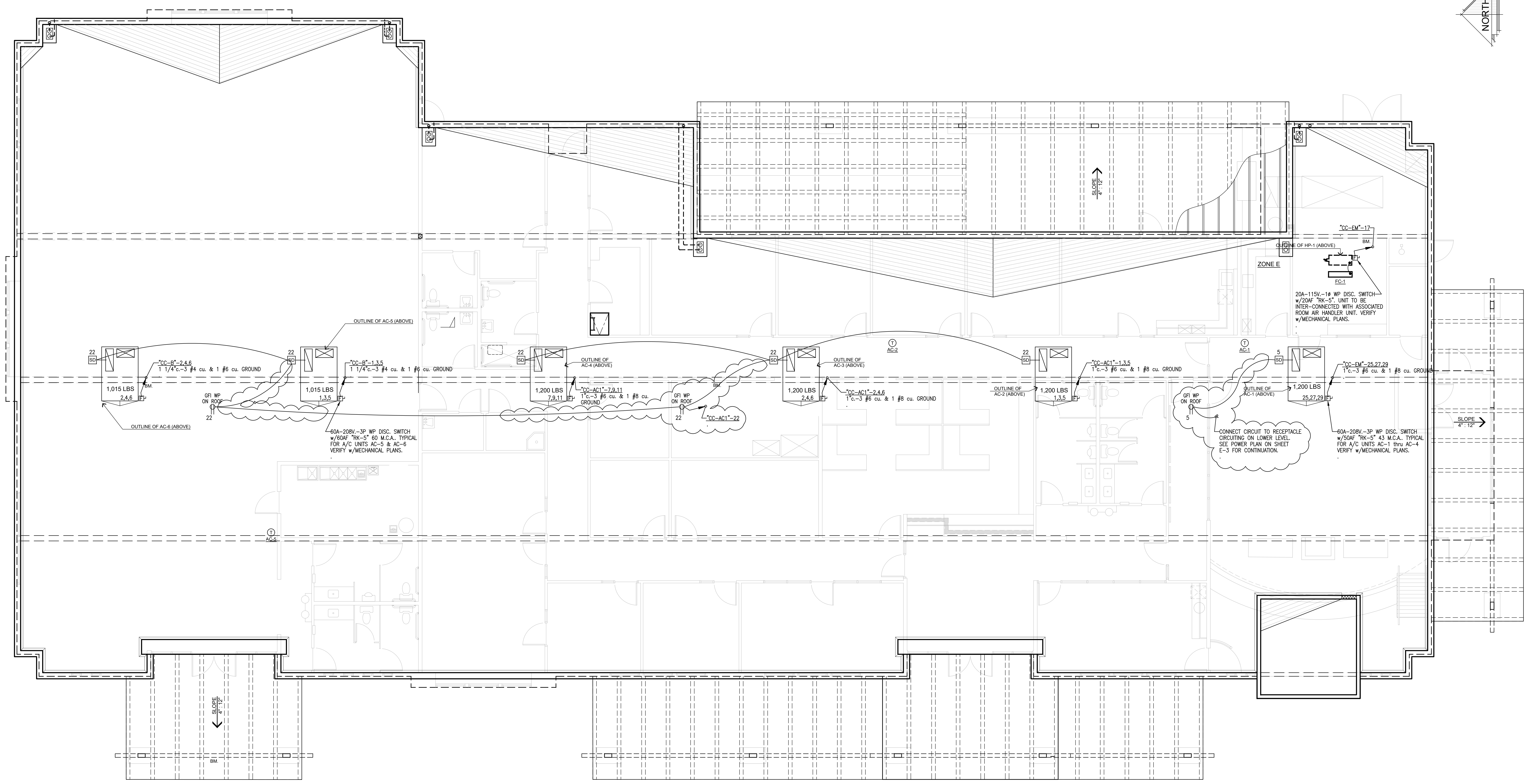
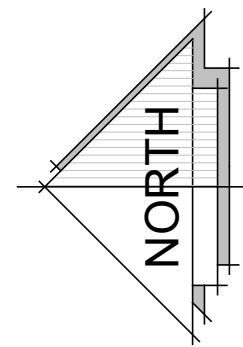
SITE ADDRESS:
P.O. BOX 201-10
1855 SHEEP CREEK ROAD
PHELAN, CA 92329

CONTACT:
DON BAKTZ

JOB NO.
COM20-L01/01

SHEET NAME
EGRESS PHOTOMETRIC PLAN

PAGE
E-4.5



<p>STEENO DESIGN STUDIO INC. ARCHITECTURE • DESIGN • PLANNING 11774 HESPERIA ROAD, SUITE B • HESPERIA, CA 92345 PHONE (760) 244-5001 • FAX (760) 244-1948 www.steenodesign.com</p>	<p>DATE FINISHED MAY 2022</p>	<p>THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA BUILDING CODE WITH CALIFORNIA GREEN BUILDING CODE, 2019 AND THE 2019 ENERGY STANDARDS. THESE DOCUMENTS AND THE DESIGN AND IDEAS INCORPORATED HEREIN AS AN INSTRUMENT OF SERVICE ARE THE SOLE PROPERTY OF STEENO DESIGN STUDIO, INC. ANY USE IN WHOLE OR IN PART FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.</p>	<p>PROJECT: CIVIC CENTER BUILDING</p>	<p>JOB NO. COM20-L01/01</p>	<p>PAGE E-5</p>
	<p>REVISIONS</p> <ul style="list-style-type: none"> DEV. CODE 02/14/22 BLDG. CODE 02/14/22 BLDG. CODE 08/08/22 ELECTRICAL 09/30/22 MECHANICAL 09/30/22 ADDENDUM TO STRUCTURAL 01/24/2023 	<p>PHELAN PIÑON HILLS C.S.D.</p> <p>SITE ADDRESS: A.P.M. 3086-081-10 9535 SHEEP CREEK ROAD PHELAN, CA 92329</p>	<p>CONTACT: DON BARTZ</p>	<p>ROOF ELECTRICAL PLAN</p>	

600 A BUS 600 A MLO (w / SUB LUG FEED THROUGH)		ELECTRIC VEHICLE CHARGER STATIONS										RECESSED	
VOLTAGE 120 / 208V - 3Ø - 4W		PANEL EV-2					SCHEDULE					65 K.A.I.C.	
CKT. NO.	CKT. BKR.	NO. OUTLETS	LOCATION	WATTS			LOCATION	NO. OUTLETS	CKT. BKR.	CMT. NO.	CMT. NO.	CMT. NO.	
				A	B	C							
1	40	2	1	E.V. CHARGING PEDESTAL	3000			E.V. CHARGING PEDESTAL	1	2	40	2	
3					3000							4	
5	40	2	1	E.V. CHARGING PEDESTAL	3000			E.V. CHARGING PEDESTAL	1	2	40	6	
7					3000							8	
9	40	2	1	E.V. CHARGING PEDESTAL	3000			E.V. CHARGING PEDESTAL	1	2	40	10	
11					3000							12	
13	40	2	1	E.V. CHARGING PEDESTAL	3000			E.V. CHARGING PEDESTAL	1	2	40	14	
15					3000							16	
17	40	2	1	E.V. CHARGING PEDESTAL	3000			SPACE				18	
19					3000							20	
21	40	2	1	E.V. CHARGING PEDESTAL	3000							22	
23					3000							24	
25				SPACE								26	
27												28	
29												30	
31												32	
33												34	
35												36	
37												38	
39												40	
41				SPACE				SPACE				42	
TOTAL WATTS:				63,000	21,000	21,000	21,000						

63 x 125% L.C.L. = 78.7 K.W
 OTHER = 0 K.W
 TOTAL = 78.7 K.W. = 218 AMPS @ 208V. - 3Ø

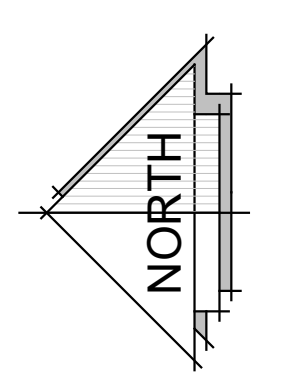
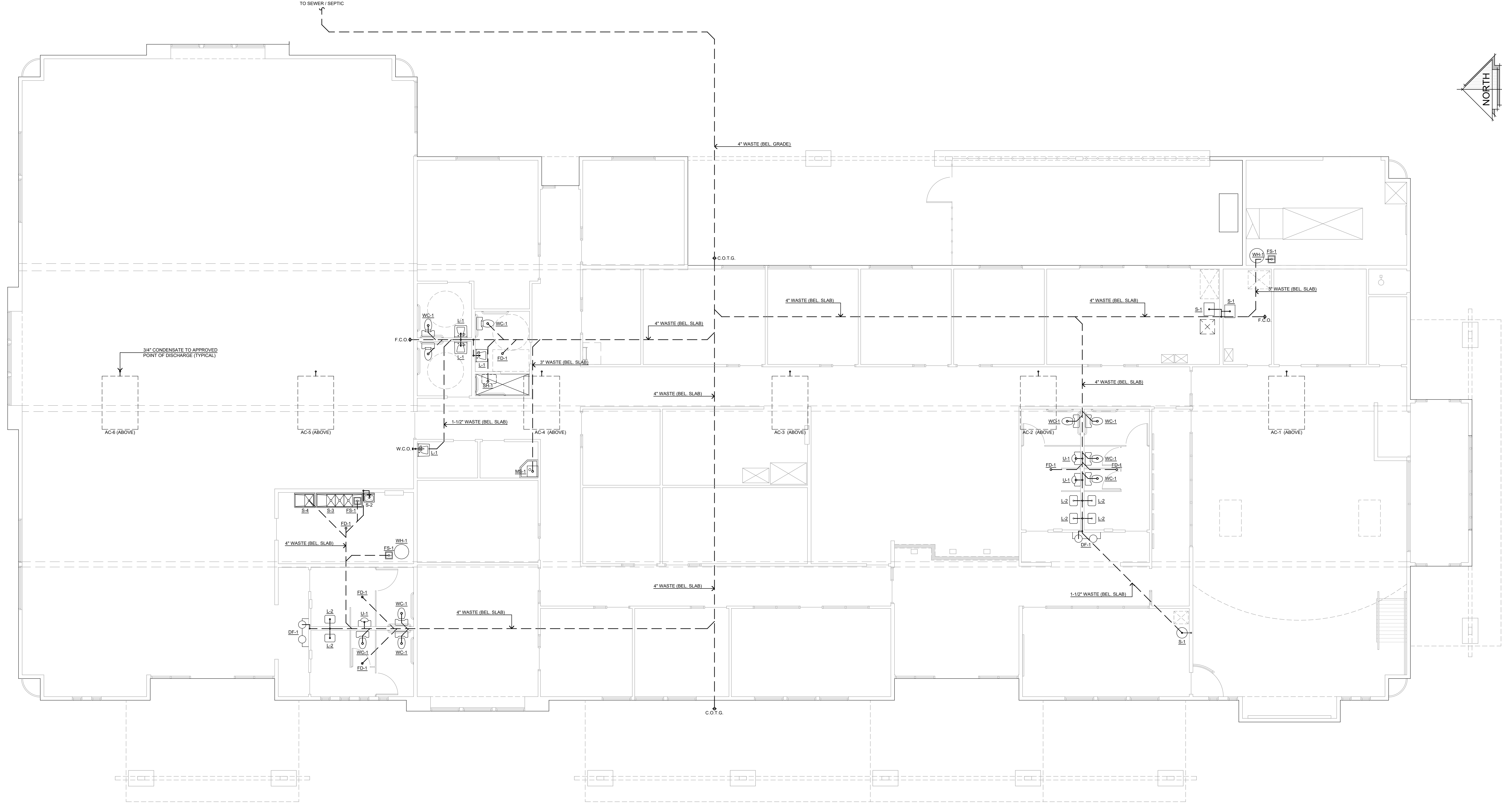
600 A BUS 600 A MLO		ELECTRIC VEHICLE CHARGER STATIONS										RECESSED	
VOLTAGE 120 / 208V - 3Ø - 4W		PANEL EV-1					SCHEDULE					65 K.A.I.C.	
CKT. NO.	CKT. BKR.	NO. OUTLETS	LOCATION	WATTS			LOCATION	NO. OUTLETS	CKT. BKR.	CMT. NO.	CMT. NO.	CMT. NO.	
				A	B	C							
1	40	2	1	E.V. CHARGING PEDESTAL	3000			E.V. CHARGING PEDESTAL	1	2	40	2	
3					3000							4	
5	40	2	1	E.V. CHARGING PEDESTAL	3000			E.V. CHARGING PEDESTAL	1	2	40	6	
7					3000							8	
9	40	2	1	E.V. CHARGING PEDESTAL	3000			E.V. CHARGING PEDESTAL	1	2	40	10	
11					3000							12	
13	40	2	1	E.V. CHARGING PEDESTAL	3000			E.V. CHARGING PEDESTAL	1	2	40	14	
15					3000							16	
17	40	2	1	E.V. CHARGING PEDESTAL	3000			SPACE				18	
19					3000							20	
21	40	2	1	E.V. CHARGING PEDESTAL	3000							22	
23					3000							24	
25				SPACE								26	
27												28	
29												30	
31												32	
33												34	
35												36	
37												38	
39												40	
41				SPACE				SPACE				42	
TOTAL WATTS:				63,000	21,000	21,000	21,000						

63 x 125% L.C.L. = 78.7 K.W
 OTHER = 0 K.W
 "EV-2" SUB LUG FEED = 78.7 K.W.
 TOTAL = 157.4 K.W. = 437 AMPS @ 208V. - 3Ø

- * CIRCUIT VIA 20A-600V.-(POLE AS REQUIRED) LIGHTING CONTACTOR w/120V. COIL IN SEPARATE NEMA 1 ENCLOSURE. INSTALL 600w.-120v.-1Ø W.P. PHOTOCELL ON ROOF FOR CONTROL. DIRECT ELECTRIC EYE TOWARDS NORTH.
- CIRCUIT BREAKER TO BE SWITCH RATED.
- PROVIDE CIRCUIT BREAKER "LOCK-ON" DEVICE.
 - A) THE BRANCH CIRCUIT SUPPLYING THE FIRE ALARM EQUIPMENT SHALL SUPPLY NO OTHER LOADS.
 - B) THE LOCATION OF THE BRANCH CIRCUIT OVERCURRENT PROTECTIVE DEVICE SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT.
 - C) THE CIRCUIT DISCONNECTING MEANS SHALL HAVE RED IDENTIFICATION, SHALL BE ACCESSIBLE ONLY TO QUALIFIED PERSONNEL, AND SHALL BE IDENTIFIED AS "FIRE ALARM CIRCUIT".
- ⊙ CIRCUIT VIA TIME CLOCK--SEE DIAGRAM DETAIL ON SHEET E-- .
- ⊕ C.B. PROVIDE CIRCUIT BREAKER w/GROUND FAULT INTERRUPTER MEANS.

<p>ARCHITECTURE DESIGN PLANNING 11774 HESPERIA ROAD, SUITE B • HESPERIA, CA 92345 PHONE (760) 244-5001 • FAX (760) 244-1948 www.steenodesign.com</p>	DATE FINISHED MAY 2022	THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA BUILDING CODE AND THE 2019 CALIFORNIA ELECTRICAL CODE AND THE 2019 ENERGY STANDARDS.		PROJECT: CIVIC CENTER BUILDING PHELAN PIÑON HILLS C.S.D.	JOB NO. COM20-L01/01	PAGE E-6.5
	REVISIONS BLDG_CODE_021422 BLDG_CODE_021422 ELECTRICAL_093022 MECHANICAL_100322 ADDENDUM TO STRUCTURAL_01242023	THESE DOCUMENTS AND THE DESIGN AND REVISIONS ARE INSTRUMENT OF SERVICE AND THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY USE, IN WHOLE OR IN PART, FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.		SHEET NAME: E.V. PANEL SCHEDULES	CONTACT: DON BARTZ	

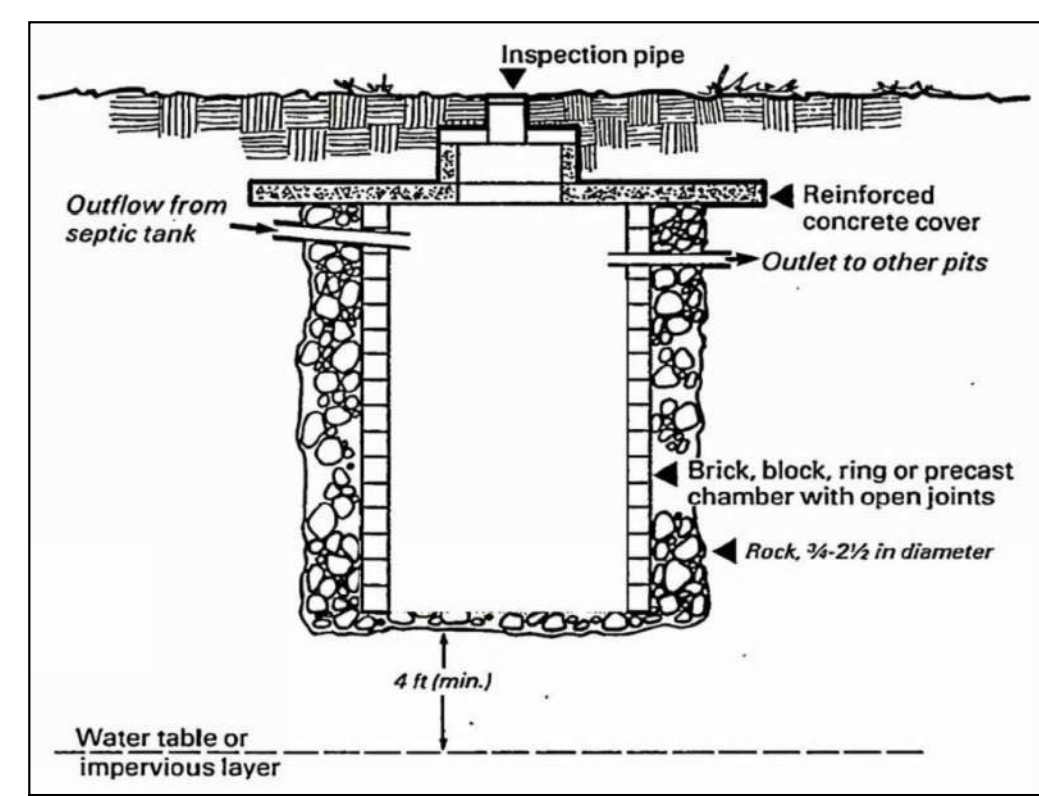
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CIVIC CENTER PLUMBING FLOOR PLAN (WASTE / VENT)

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

MARK	MANUFACTURER & MODEL	TRIM	CONNECTION SIZE - in				
			W	V	HW	CW	GAS
WC-1	KOHLER #K-3519 "RIGIDLINE" ADA COMPLIANT	WHITE, VITREOUS CHINA, ELONGATED BOWL, 1.0 GALLON FLUSH. FURNISH W/ PRESSURE LITE FLUSH SYSTEM; OPEN FRONT SEAT; SUPPLY WITH STOP VALVE.	3	2	-	1/2	-
S-1	KOHLER #K-4565 "FORTO FINO"	UNDER-MOUNT BAR SINK; PROVIDE KOHLER "FORTE" TWO HOLE BAR SINK FAUCET WITH LEVER HANDLE.	1-1/2	1-1/4	1/2	1/2	-
S-2	ADVANCE TABCO 7-PS-23-EC-SP-2X	WALL MOUNTED HAND SINK W/ FAUCET AND SIDE SPLASH GUARDS	1-1/2	1-1/4	1/2	1/2	-
L-1	KOHLER #K-1729 "CHESAPEAKE" ADA COMPLIANT	WHITE, VITREOUS CHINA, WALL MOUNT, 20" X 18-1/4" FURNISH WITH "TRITON" FAUCET #K7437-2A WITH LEVER HANDLES AND 0.5 GPM FLOW RESTRICTOR; "P" TRAP; SUPPLIES WITH STOPS.	1-1/2	1-1/4	1/2	1/2	-
U-1	KOHLER #K-6016-ET "DEXTER LITE" ADA COMPLIANT	WHITE, VITREOUS CHINA, FURNISH WITH 0.125 GALLON FLUSH VALVE; WALL CARRIER	2	1-1/2	-	3/4	-
MS-1	FIAT MSB2424	WHITE, MOLDED STONE W/ STAINLESS RING GUARD, 24" X 24" X 10". FURNISH WITH FAUCET #B30-AA WITH WALL BRACE, VACUUM BREAKER, PAIL HOOK, HOSE END, "P" TRAP.	3	2	1/2	1/2	-
DF-1	ELKAY #EZ21BLCL ADA COMPLIANT	BI-LEVEL DRINKING FOUNTAIN	1-1/2	1-1/4	-	1/2	-
WH-1	RHEEM MODEL XG55T0EN4B5	55 GALLON 45,000 BTUH INPUT / ULTRA LOW NOX 0.62 UNIFORM ENERGY FACTOR, 155 LBS. SHIPPING WEIGHT	-	-	3/4	3/4	1/2
FD-1	FLOOR DRAIN J. R. SMITH FIG. 2005	CAST IRON BODY AND FLANGE; ADJUSTABLE NICKEL BRONZE STRAINER; FURNISH WITH TRAP PRIMER	3	2	-	1/2	-
FS-1	ZURN Z1902	CAST IRON BODY; 12" X 12" X 10" SUMP DEPTH; WITH HALF GRATE #29601-003.	3	2	-	1/2	-



SEEPAGE PIT SECTION

NOTE
SEE SHEET P-3 FOR DETAILS

PLUMBING SCOPE OF WORK SUMMARY
INSTALL COMPLETE DOMESTIC WATER (COLD / HOT), WASTE AND NATURAL GAS PIPING TO SERVE DEPICTED NEW STRUCTURE. WORK SHALL INCLUDE INSTALLATION OF INDICATED (OR SIMILAR) FIXTURES.

- NOTE:**
- ALL PIPE, PIPE FITTINGS, TRAPS, FIXTURES, MATERIAL AND DEVICES USED IN THE PLUMBING SYSTEMS SHALL BE LISTED OR THIRD PARTY CERTIFIED BY AN APPROVED LISTING AGENCY AND SHALL CONFORM TO APPLICABLE RECOGNIZED STANDARDS REFERENCED IN THE 2019 CALIFORNIA PLUMBING CODE.
 - THE LEAD CONTENT OF PIPES, PIPE OR PLUMBING FITTINGS, AND FIXTURES INTENDED TO CONVEY OR DISPENSE WATER FOR HUMAN CONSUMPTION SHALL BE IN ACCORDANCE WITH SECTION 116875 OF THE HEALTH AND SAFETY CODE.
 - FLOOR AND TRENCH DRAINS SHALL BE IN ACCORDANCE WITH ASME A112.6.3
 - FLOOR SINKS SHALL BE IN ACCORDANCE WITH ASME A112.6.7.
 - ROOF, DECK AND BALCONY DRAINS SHALL BE IN ACCORDANCE WITH ASME A112.6.4.
 - TRAP SEAL PRIMERS SHALL BE IN ACCORDANCE WITH ASSE 1018 OR ASSE 1044.

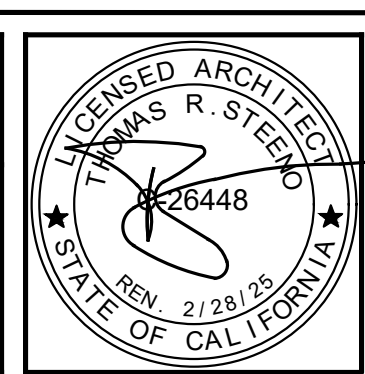
PIPE MATERIAL SCHEDULE										
SERVICE	LOCATION	COPPER	COPPER	COPPER	CEMENT	P.V.C.	BLACK	EPHOXY	CONCRETE	REMARKS
WATER	INSIDE									
WATER	OUTSIDE									
SANITARY DRAINAGE	INSIDE									
ROOF DRAINAGE	OUTSIDE									
SANITARY VENT	INSIDE									
SANITARY VENT	OUTSIDE									
GAS	INSIDE									
GAS	OUTSIDE									FACTORY EPOXY COATED
STORM DRAIN	INSIDE									
STORM DRAIN	OUTSIDE									
INDIRECT DRAINAGE	INSIDE									
INDIRECT DRAINAGE	OUTSIDE									

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DATE FINISHED
MAY 2022

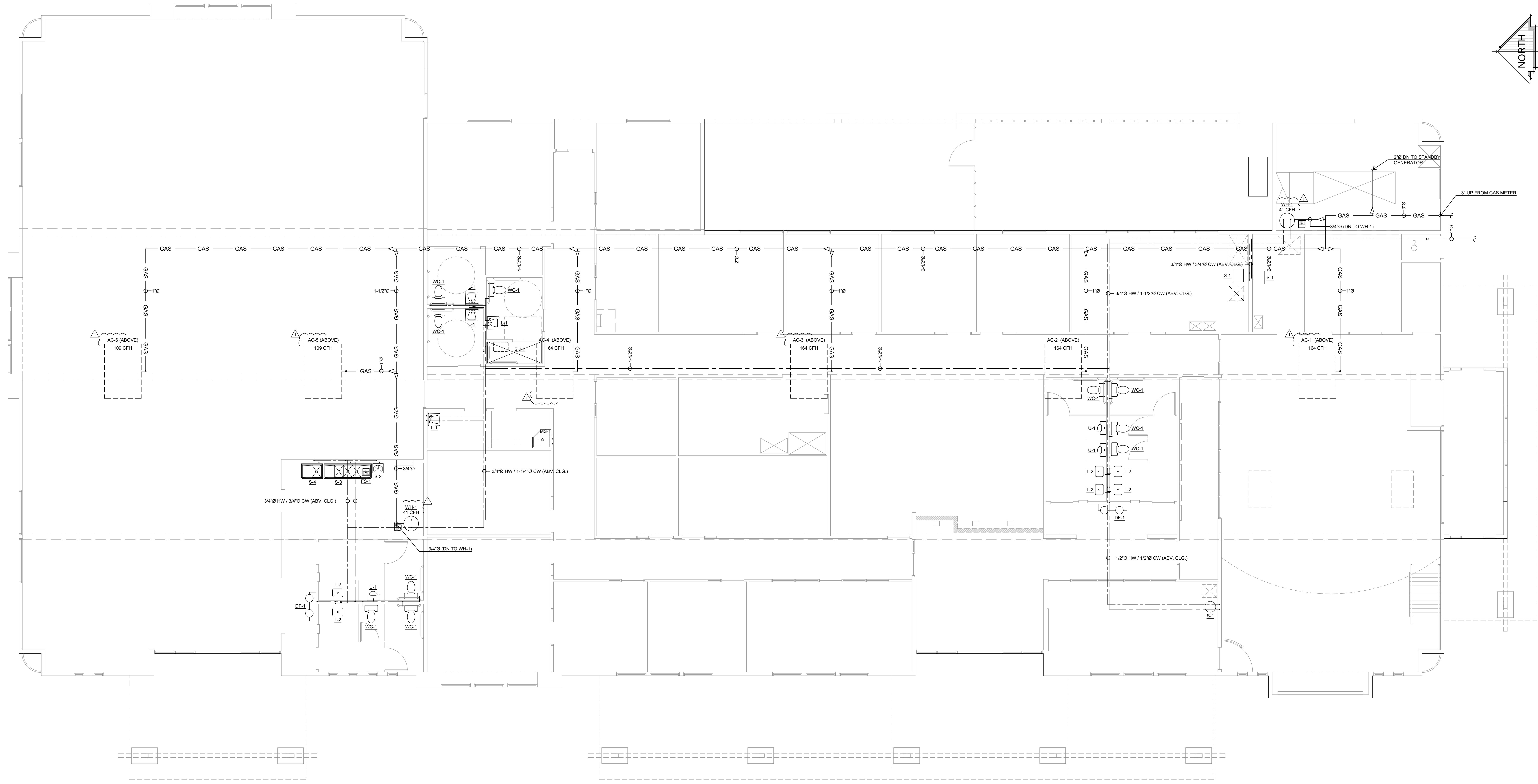
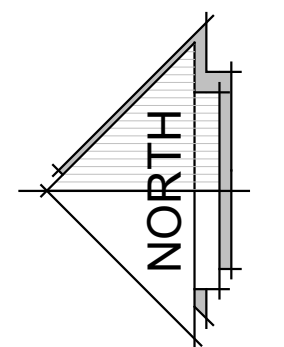
REVISIONS
DEV_CODE 02/14/22
BLDG_CODE 02/14/22
ELECTRICAL_09/30/22
MECHANICAL_10/03/22
STRUCTURAL_01/24/2023

THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA PLUMBING CODE AND THE 2019 CALIFORNIA MECHANICAL CODE AND THE 2019 ENERGY STANDARDS CODE.
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PROJECT: CIVIC CENTER BUILDING
PHELAN PIÑON HILLS C.S.D.
SITE ADDRESS: A.P.M. 3086-261-10 9535 SHEEP CREEK ROAD, PHELAN, CA 92329
CONTACT: DON BARTZ

JOB NO.: COM20-L01/01
SHEET NAME: PLUMBING FLOOR PLAN (WASTE/VENT)
PAGE: P-1



CIVIC CENTER PLUMBING FLOOR PLAN (COLD / HOT WATER AND GAS)

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

NOTE
SEE SHEET P-3 FOR DETAILS

FIXTURE SCHEDULE						
MARK	MANUFACTURER & MODEL	TRIM	CONNECTION SIZE - in			
			W	V	HW	CW / GAS
WC-1	KOHLER #K-3519 "HIGHLINE" ADA COMPLIANT	WHITE, VITREOUS CHINA, ELONGATED BOWL, 1.0 GALLON FLUSH. FURNISH W/ PRESSURE LITE, FLUSH SYSTEM, OPEN FRONT SEAT, SUPPLY WITH STOP VALVE.	3	2	-	1/2
S-1	KOHLER #K-6565 "PORTO FINO"	UNDER-MOUNT BAR SINK; PROVIDE KOHLER "FORTE" TWO HOLE BAR SINK FAUCET WITH LEVER HANDLE	1-1/2	1-1/4	1/2	1/2
S-2	ADVANCE TABCO 7-PS-23-EC-SP-2X	WALL MOUNTED HAND SINK W/ FAUCET AND SIDE SPLASH GUARDS	1-1/2	1-1/4	1/2	1/2
S-3	REGENCY 600S31515215	16 GA. TYPE 304 STAINLESS STEEL, THREE (3) COMPARTMENT COMMERCIAL SINK WITH 2 DRAIN BOARDS. PROVIDE REGENCY WALL MOUNT FAUCET WITH 9" CENTERS AND 14" SWING SPOUT	2	1-1/2	1/2	1/2
S-4	ADVANCE TABCO FE-1-1824-24	STAINLESS STEEL ONE COMPARTMENT SINK WITH SINGLE DRAIN BOARD	2	1-1/2	1/2	1/2
L-1	KOHLER #K-1729 "CHESAPEAKE" ADA COMPLIANT	WHITE, VITREOUS CHINA, WALL MOUNT, 20" X 18-1/4" FURNISH WITH "TRITON" FAUCET #K7437-2A WITH LEVER HANDLES AND 0.5 GPM FLOW RESTRICTOR. "P" TRAP; SUPPLIES WITH STOPS.	1-1/2	1-1/4	1/2	1/2
U-1	KOHLER #K-5016-ET "DEXTER LITE" ADA COMPLIANT	WHITE, VITREOUS CHINA. FURNISH WITH 0.125 GALLON FLUSH VALVE; WALL CARRIER.	2	1-1/2	-	3/4
MS-1	FIAT MSB2424	WHITE, MOLDED STONE W/ STAINLESS RING GUARD, 24" X 24" X 10". FURNISH WITH FAUCET #830-AA, WITH WALL BRACE, VACUUM BREAKER, PAIL HOOK, HOSE END, "P" TRAP.	3	2	1/2	1/2
DF-1	ELKAY #E25TL8LC ADA COMPLIANT	BI-LEVEL DRINKING FOUNTAIN	1-1/2	1-1/4	-	1/2
WH-1	RHEEM MODEL XG55T08EN46US	55 GALLON 45,000 BTUH INPUT, ULTRA LOW NOX 0.62 UNIFORM ENERGY FACTOR, 188 LBS. SHIPPING WEIGHT	-	-	3/4	3/4 1/2

PIPE MATERIAL SCHEDULE										
SERVICE	LOCATION	COPPER	COPPER	COPPER	COPPER	P.V.C.	BLACK	EPHOXY	COATED	REMARKS
WATER	INSIDE									
SANITARY DRAINAGE	INSIDE									
ROOF DRAINAGE	OUTSIDE									
SANITARY VENT	INSIDE									
	OUTSIDE									
GAS	INSIDE									
	OUTSIDE									FACTORY EPOXY COATED
STORM DRAIN	INSIDE									
	OUTSIDE									
INDIRECT DRAINAGE	INSIDE									
	OUTSIDE									

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DATE FINISHED
MAY 2022

REVISIONS
 1. DEV. CODE 02/14/22
 2. BLDG. CODE 02/14/22
 3. ELECTRICAL_09/30/22
 4. MECHANICAL_09/30/22
 5. STRUCTURAL_01/24/2023

THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA BUILDING CODE (CBC) AND THE 2019 CALIFORNIA MECHANICAL CODE (CMC) AND THE 2019 CALIFORNIA ELECTRICAL CODE (CEC) AND THE 2019 ENERGY STANDARDS.

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REGISTERED ARCHITECT
KIMBERLY R. STEENO
No. 26448
STATE OF CALIFORNIA
EXPIRES 2/28/25

PROJECT: CIVIC CENTER BUILDING
PHELAN PIÑON HILLS C.S.D.

SITE ADDRESS:
A.P.N. 3086-261-10
9535 SHEEP CREEK ROAD,
PHELAN, CA 92329

CONTACT
DON BARTZ

JOB NO.
COM20-L01/01

SHEET NAME:
PLUMBING
FLOOR PLAN
(WATER / GAS)

PAGE
P-2

WATER PRESSURE STATEMENT (PER WATER PURVEYOR)

THE DISTRIBUTION SYSTEM THAT FEEDS TO PROPERTY IS REGULATED FROM A WATER SYSTEM PRESSURE REGULATOR VALVE (PRV) THAT IS SET TO A CONSISTENT SYSTEM PRESSURE OF 55 PSI AT THE OUTLET (DOWNSTREAM) OF THE PRV. THE PRV ELEVATION IS 4225 FEET. THE CIVIC CENTER SITE IS AT 4169 FEET. THE DIFFERENCE IS 56 FEET IN ELEVATION WHICH EQUALS TO AN ADDITIONAL 27.3 PSI FOR A TOTAL PROXIMATE OF 82.3. THERE IS NO MINIMUM PRESSURE UNLESS THERE IS A REGULATOR PROPOSED FOR THE CIVIC CENTER.

PIPE SIZING PER UPC

- MINIMUM WATER SERVICE PRESSURE: 82.3 PSI
- MAXIMUM WATER SERVICE PRESSURE: 82.3 PSI (If Maximum Water Service Pressure is over 80 PSIG, then PRV is Required per UPC)
- HEIGHT OF WATER CLOSET FIXTURE Above water service: 8 x 0.434 (psi) = 3.47 PSI
- MAXIMUM REQUIRED AT FLUSH TANK FIXTURE: 25 PSI
- TOTAL FIXTURE LOAD 39 FU (flush tank) = 24.0 GPM
- TOTAL FIXTURE LOAD 38 FU (flush valve) = 27.8 GPM
- SIZE OF WATER METER: 2.0 INCH
- PRESSURE DROP THRU METER: 1.3 PSI (Per UPC Appendix Chart A-1)
- PRESSURE DROP THRU PRV: 10.0 PSI
- PRESSURE DROP THRU BACKFLOW PREVENTER: 14.0 PSI
- TOTAL PRESSURE REQUIRED FOR OPERATION: 82.47 PSI (Step 1 + Step 4 + Step 7 + Step 8 + Step 9)
- PRESSURE AVAILABLE FOR FRICTION LOSS: 29.83 PSI (Step 1 - Step 10)
- DEVELOPED LENGTH OF PIPE: 201 FEET (From Bldg. to METER ROOM)
- EQUIVALENT LENGTH OF PIPE: 241.2 FEET (Developed Length (Step 12) + 20% of (Step 12) Fittings)
- FRICTION LOSS PER 100 FT LENGTH: 12.36 PSI (Available Friction Loss (Step 11) x 100 FT / (Step 13))

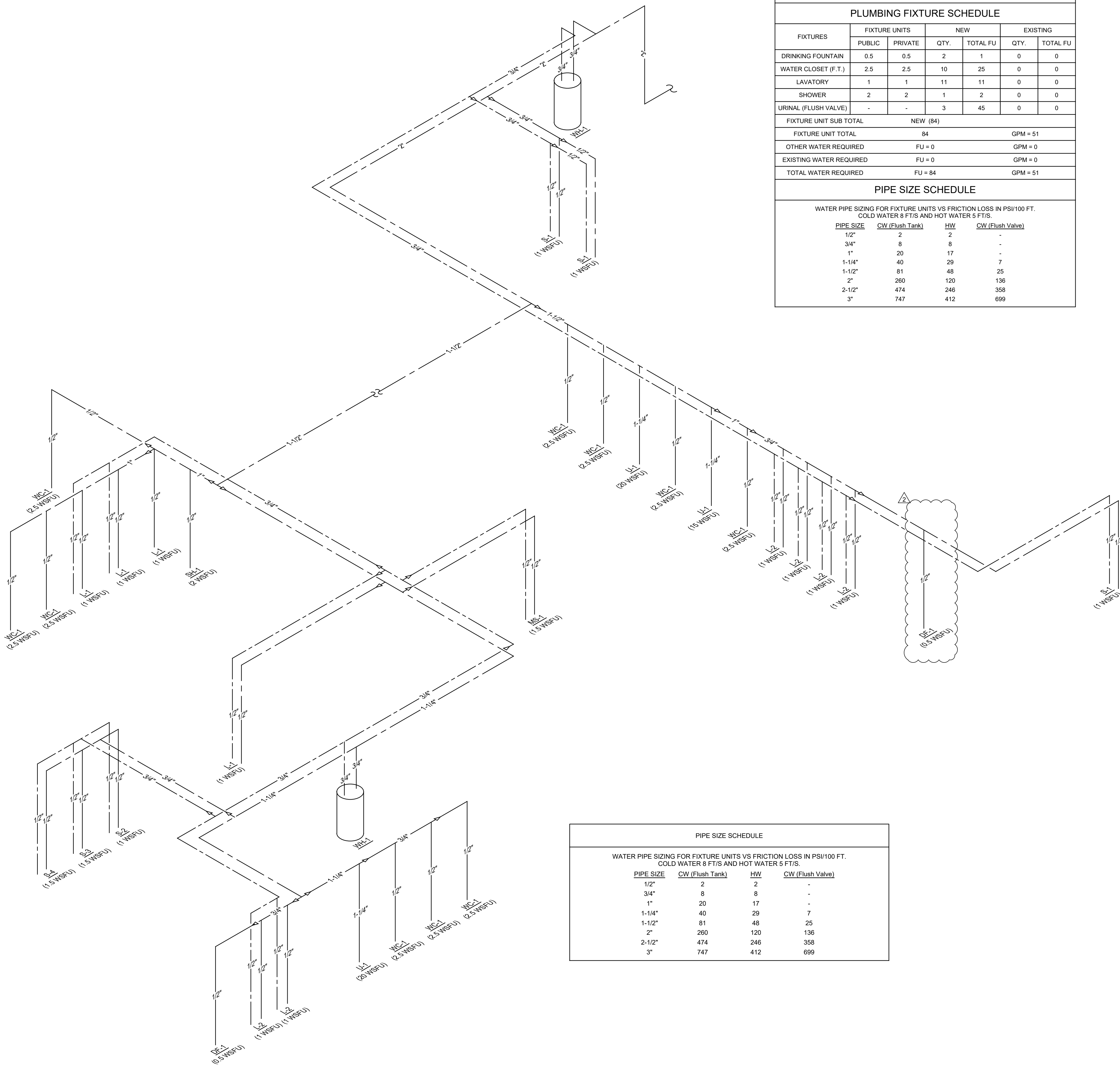
PLUMBING FIXTURE SCHEDULE

FIXTURES	FIXTURE UNITS		NEW		EXISTING	
	PUBLIC	PRIVATE	QTY.	TOTAL FU	QTY.	TOTAL FU
DRINKING FOUNTAIN	0.5	0.5	2	1	0	0
WATER CLOSET (F.T.)	2.5	2.5	10	25	0	0
LAVATORY	1	1	11	11	0	0
SHOWER	2	2	1	2	0	0
URNAL (FLUSH VALVE)	-	-	3	45	0	0
FIXTURE UNIT SUB TOTAL			NEW (84)			
FIXTURE UNIT TOTAL			84		GPM = 51	
OTHER WATER REQUIRED			FU = 0		GPM = 0	
EXISTING WATER REQUIRED			FU = 0		GPM = 0	
TOTAL WATER REQUIRED			FU = 84		GPM = 51	

PIPE SIZE SCHEDULE

WATER PIPE SIZING FOR FIXTURE UNITS VS FRICTION LOSS IN PSI/100 FT. COLD WATER 8 FTS AND HOT WATER 5 FTS.

PIPE SIZE	CW (Flush Tank)	HW	CW (Flush Valve)
1/2"	2	2	-
3/4"	8	8	-
1"	20	17	-
1-1/4"	40	29	7
1-1/2"	81	48	25
2"	260	120	136
2-1/2"	474	246	356
3"	747	412	699

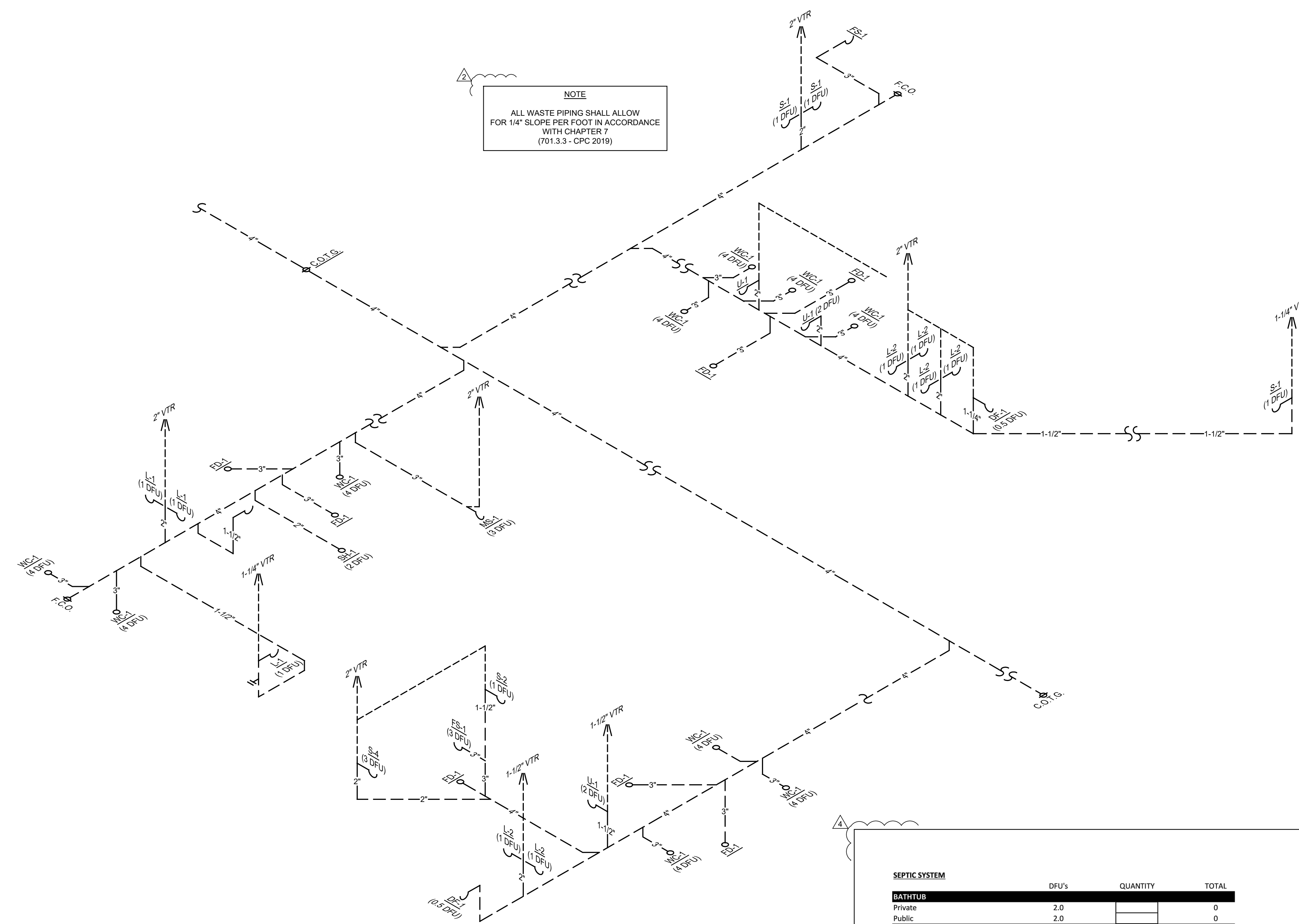


RISER DIAGRAM (COLD / HOT WATER)
SCALE: NONE

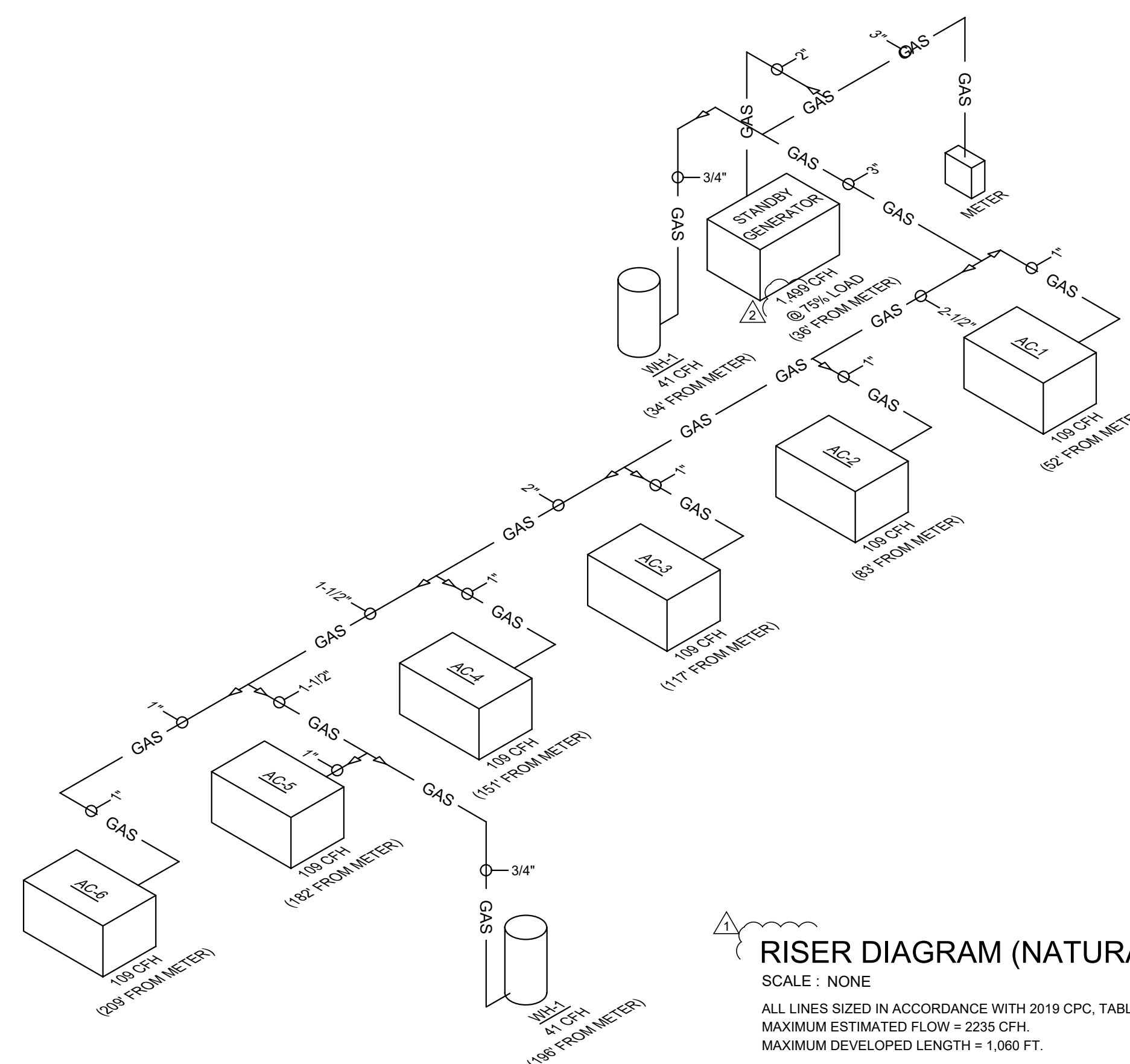
PIPE SIZE SCHEDULE

WATER PIPE SIZING FOR FIXTURE UNITS VS FRICTION LOSS IN PSI/100 FT. COLD WATER 8 FTS AND HOT WATER 5 FTS.

PIPE SIZE	CW (Flush Tank)	HW	CW (Flush Valve)
1/2"	2	2	-
3/4"	8	8	-
1"	20	17	-
1-1/4"	40	29	7
1-1/2"	81	48	25
2"	260	120	136
2-1/2"	474	246	356
3"	747	412	699



RISER DIAGRAM (WASTE / VENT)
SCALE: NONE



RISER DIAGRAM (NATURAL GAS)
SCALE: NONE
ALL LINES SIZED IN ACCORDANCE WITH 2019 CPC, TABLE 1215.2(1).
MAXIMUM ESTIMATED FLOW = 2235 CFH.
MAXIMUM DEVELOPED LENGTH = 1,060 FT.

SEPTIC SYSTEM

SEPTIC SYSTEM	DFUs	QUANTITY	TOTAL
BATHUB			
Private	2.0		0
Public	2.0		0
TOILETS WASHER			
Private	3.0		0
Public	3.0		0
FLOOR DRAINS			
Emergency	0.0	5	0
2 Inch	2.0		0
LAVATORIES			
Single	1.0	9	9
In Sets	2.0		0
RECEPTOR (Indirect Waste)			
Low Demand (1-12") - refrigerators, coffee urns, water stations	3.0	2	6
High Demand (2") - commercial sinks, dishwashers	4.0	2	8
SINKS			
Bar (Private)	1.0	2	2
Bar (Public)	2.0		0
Commercial w/ Food Waste	3.0		0
Kitchen (Domestic)	2.0		0
Service OR Mop Basin	3.0	2	6
URINALS			
1.0 GPF	5.0	3	15
> 1.0 GPF	6.0		0
WATER CLOSETS			
1.6 GPF (Gravity Tank)			
Private	6.0		0
Public	6.0	10	60
1.6 GPF (Flushometer Tank)			
Private	6.0		0
Public	6.0		0
1.6 GPF (Flushometer Valve)			
Private	6.0		0
Public	6.0		0
> 1.6 GPF (Gravity Tank)			
Private	8.0		0
Public	8.0		0
> 1.6 GPF (Flushometer Valve)			
Private	8.0		0
Public	8.0		0
TOTAL DFUs			100

PIPE MATERIAL SCHEDULE

SERVICE	LOCATION	PIPE TYPE	COPPER	STEEL	P.V.C.	CEMENT	ASBEST	GLASS	CAST IRON	WITRIFIED	CLAY	A.B.S.	REMARKS
WATER	INSIDE		X										
WATER	OUTSIDE												
SANITARY DRAINAGE, ROOF DRAINAGE	INSIDE								X				
SANITARY DRAINAGE, ROOF DRAINAGE	OUTSIDE								X				
SANITARY VENT	INSIDE								X				
SANITARY VENT	OUTSIDE								X				
GAS	INSIDE												
GAS	OUTSIDE												FACTORY EPOXY COATED
STORM DRAIN	INSIDE												
STORM DRAIN	OUTSIDE												
INDIRECT DRAINAGE	INSIDE												
INDIRECT DRAINAGE	OUTSIDE												

<p>ARCHITECTURE + DESIGN + PLANNING 11774 HESPERIA ROAD, SUITE 8 HESPERIA, CA 92345 PHONE (760) 244-5001 FAX (760) 244-1948 www.steenodesign.com</p>	<p>DATE FINISHED MAY 2022</p>	<p>THESE PLANS SHALL COMPLY WITH THE CALIFORNIA BUILDING CODE WHICH ADOPTS THE 2019 CALIFORNIA CODE OF REGULATIONS WITH ENERGY EFFICIENCY STANDARDS.</p> <p>THESE DOCUMENTS AND THE INCORPORATED HEREIN AS AN INSTRUMENT OF PROFESSIONAL SERVICE ARE THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY USE IN WHOLE OR IN PART FOR OTHER PROJECTS WITHOUT OUR WRITTEN CONSENT IS STRICTLY PROHIBITED.</p>	<p>PROJECT: CIVIC CENTER BUILDING</p> <p>PHELAN PIÑON HILLS C.S.D.</p> <p>SITE ADDRESS: A.P.N. 3066-261-10 9355 SHREVE CREEK ROAD PHELAN, CA 92329</p>	<p>JOB NO. COM20-L01/01</p> <p>SHEET NAME: PLUMBING RISER DIAGRAMS</p>	<p>PAGE P-3</p>
	<p>REVISIONS</p> <ul style="list-style-type: none"> BLDG. CODE 02/14/22 BLDG. CODE 02/14/22 BLDG. CODE 06/08/22 ELECTRICAL 06/02/22 SEPTIC 10/27/22 ADDENDUM TO STRUCTURAL 01/24/2023 	<p>CONTACT: DON BARTZ</p>			

STATE OF CALIFORNIA
Domestic Water Heating System
 NRC-PUB-18 (Revised 01/20)
 CERTIFICATE OF COMPLIANCE
 Project Name: Phelan Pinon Hills C.S.D. Report Page: Page 1 of 5
 Project Address: 4128 Warbler Road Date Prepared: 05/03/2022

A. GENERAL INFORMATION
 01 Project Location (City) Phelan 02 Climate Zone 14
 03 Occupancy Type Within Project (select all that apply)
 Nonresidential High-Rise Residential Hotel/Motel
 State Building Healthcare Facility Other (Write in):

B. PROJECT SCOPE
 Table instructions: Include any domestic water heating systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in §160.5, §160.2(a)(8), and §160.2(a)(9), or §161.0(a)(2) for additions or alterations. Solar water heating systems shall be demonstrated on the NRC-SSA compliance document. Combined hydronic water heating systems should be documented on the NRC-CAC compliance document.
 01 My project consists of (check all that apply):
 New System (DHW system being installed for the first time in newly constructed building) System Type:
 Individual System (serving nonresidential spaces) Equipment Distribution Controls
 System Alteration (equipment, distribution or controls) Equipment Distribution Controls

C. COMPLIANCE RESULTS
 Table instructions: Table C will indicate if the project data input into the compliance document is compliant with water heating requirements. This table is not editable by the user. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, or the table indicated as not compliant for guidance.
 01 02 03 04
 Domestic Hot Water Equipment Distribution Systems Controls Compliance Results
 (See Table E) (See Table G) (See Table H)
 Yes Yes Yes Yes
COMPLIES

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/0862/2019standards> October 2020

STATE OF CALIFORNIA
Domestic Water Heating System
 NRC-PUB-18 (Revised 01/20)
 CERTIFICATE OF COMPLIANCE
 Project Name: Phelan Pinon Hills C.S.D. Report Page: Page 2 of 5
 Project Address: 4128 Warbler Road Date Prepared: 05/03/2022

D. EXCEPTIONAL CONDITIONS
 This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.
 No exceptional conditions apply to this project.

E. ADDITIONAL REMARKS
 This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. DOMESTIC HOT WATER EQUIPMENT
 Table instructions: Complete the following table to demonstrate compliance with mandatory equipment requirements in §110.2 and §110.3. For high-rise residential and hotel/motel occupancies, compliance with prescriptive requirements in §150.1(a) must also be demonstrated and with §150.2 for addition and alteration scopes.
 Equipment Schedule: Individual Systems

01	02	03	04	05	06
Name or Item Tag	Equipment Type	Volume (gal)	Max GPM/First Hour Rating (FHR)	Rated Uniform Energy Factor (UEF)	Minimum Required Uniform Energy Factor (UEF)
WH-1	Gas-Fired Storage (15,750 BTUH)	51.55	FHR: 75	0.62	0.62

G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM
 Table instructions: Complete the following table to demonstrate compliance for nonresidential occupancies with distribution requirements in §120.2 and §160.5. For high-rise residential and hotel/motel occupancies, compliance is demonstrated with requirements in §110.3(a), §120.2, §160.5, §160.5.1, and §160.5.2.
 Table Continued

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/0862/2019standards> October 2020

STATE OF CALIFORNIA
Domestic Water Heating System
 NRC-PUB-18 (Revised 01/20)
 CERTIFICATE OF COMPLIANCE
 Project Name: Phelan Pinon Hills C.S.D. Report Page: Page 3 of 5
 Project Address: 4128 Warbler Road Date Prepared: 05/03/2022

H. DOMESTIC HOT WATER SYSTEM CONTROLS
 Table instructions: Complete the following table to demonstrate compliance with controls requirements in §110.3 for all occupancies. For high-rise residential and hotel/motel occupancies, compliance is demonstrated with requirements in §150.4(a)(8).
 Table Continued

Fluid Temperature Range (°F)	Conductivity Range (bits per hour per ft per °F)	Insulation Mean Rating Temp (°F)	Nominal Pipe Diameter (in)
105-140	0.22-0.28	100	<1 1 to <1.5 1.5 to < 4
Minimum Insulation Required			
1.0 in or R-7.7 1.5 in or R-12.5 1.5 in or R-11			

I. DOMESTIC HOT WATER SYSTEM CONTROLS
 Table instructions: Complete the following table to demonstrate compliance with controls requirements in §110.3 for all occupancies. For high-rise residential and hotel/motel occupancies, compliance is demonstrated with requirements in §150.4(a)(8).
 Table Continued

01	02	03	04	05	06
Yes	No	Applicable	Requirement	Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per §110.3(a)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per §110.3(c) unless covered by California Plumbing Code Section 613.0	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per §110.3(d) unless system serves healthcare facility.	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	For recirculation systems serving multiple dwelling units, design includes automatic pump controls per §150.1(c)(8), or §150.2 for additions or alterations.	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	For recirculation systems serving individual dwelling units, design includes manual on/off controls as specified in Addenda Appendix A.4.4.2 per §150.1(c)(8).	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	For replacement single heat pump water heaters serving individual dwelling units in climate zones 1, 3, design includes temperature interface that meets demand response control requirements of §110.1(b) per §150.1(b)(10).	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/0862/2019standards> October 2020

STATE OF CALIFORNIA
Domestic Water Heating System
 NRC-PUB-18 (Revised 01/20)
 CERTIFICATE OF COMPLIANCE
 Project Name: Phelan Pinon Hills C.S.D. Report Page: Page 4 of 5
 Project Address: 4128 Warbler Road Date Prepared: 05/03/2022

J. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 Table instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table I, Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/0862/2019standards/2019_standards_documents/Nonresidential_Documents/NRCV.

YES	NO	Form/Title	Field Inspector
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCV-PUB-01-E - Must be submitted for all buildings	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCV-PUB-02-E - Must be submitted for high-rise residential and hotel/motel central hot water distribution systems to be recognized for compliance	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCV-PUB-03-E - Must be submitted for high-rise residential and hotel/motel single dwelling unit hot water distribution systems to be recognized for compliance	<input type="checkbox"/>

K. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
 Table instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table I, Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/0862/2019standards/2019_standards_documents/Nonresidential_Documents/NRCV.

YES	NO	Form/Title	Field Inspector
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCV-PUB-21-H High-rise Residential Central Hot Water Distribution HERS Verification	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCV-PUB-22-H High-rise Residential Individual Dwelling Unit Hot Water Distribution HERS Verification	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/0862/2019standards> October 2020

STATE OF CALIFORNIA
Domestic Water Heating System
 NRC-PUB-18 (Revised 01/20)
 CERTIFICATE OF COMPLIANCE
 Project Name: Phelan Pinon Hills C.S.D. Report Page: Page 5 of 5
 Project Address: 4128 Warbler Road Date Prepared: 05/03/2022

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.
 Documentation Author Name: Tom Steeno
 Company: Steeno Design Studio
 Address: 11774 Heesperia Road, Suite B1
 City/State/Zip: Heesperia / CA / 92345
 Phone: (760) 244-5001

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 1 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Tom Steeno
 Company: Steeno Design Studio
 Address: 11774 Heesperia Road, Suite B1
 City/State/Zip: Heesperia / CA / 92345

Documentation Author Signature: J. Steeno
 Signature Date: 05/03/2022
 SEA/HERS Certification Identification (if applicable):
 Phone: (760) 244-5001

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/0862/2019standards> October 2020

STATE OF CALIFORNIA
PLUMBING
 NRC-PUB-18 (Revised 01/20)
 CERTIFICATE OF INSTALLATION
 Project Name: Phelan Pinon Hills C.S.D. Report Page: Page 1 of 4
 Project Address: 4128 Warbler Road Date Prepared: 05/03/2022

A. GENERAL INFORMATION
 DATE OF BUILDING PERMIT: _____
 BUILDING TYPE: Nonresidential High-Rise Residential Hotel/Motel
 PHASE OF CONSTRUCTION: New Construction Addition Alteration

B. SCOPE OF RESPONSIBILITY
 Date of approval by the enforcement agency of the Certificate of Compliance that provides the specifications for this installation Certificate: _____ Date Approved by the Enforcement Agency: _____

In the table below identify all applicable construction documents that specify the features, materials, components, manufacturer devices, or system performance diagnostic results required for the scope of responsibility for this installation Certificate.

Document Title or Description	Applicable Sheets or Pages, Tables, Schedules, etc.	Date Approved by the Enforcement Agency
Construction Drawings	Sheets P-1, P-2, P-3 and T24A	

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance January 2020

STATE OF CALIFORNIA
PLUMBING
 NRC-PUB-18 (Revised 01/20)
 CERTIFICATE OF INSTALLATION
 Project Name: Phelan Pinon Hills C.S.D. Report Page: Page 2 of 4
 Project Address: 4128 Warbler Road Date Prepared: 05/03/2022

C. MANDATORY REQUIREMENTS FOR ALL CENTRAL DOMESTIC HOT WATER RECIRCULATION SYSTEMS

01 On systems that have a total capacity greater than 167,000 BTUH, outlets that require higher than service water temperatures as listed in the ADEME Handbook have separate service hotlines, heat exchangers, or boosters to supply the outlet with the higher temperature. (Section 110.3(a)(1))

02 Systems with circulating pumps or with electric heat trace systems shall be capable of automatically turning off the system. (Section 110.3(a)(2))

03 Unfired storage tanks are insulated with an external R-12 OR External R-12 Label required per §110.3(a)(3)

04 All domestic hot water pipes shall be insulated as specified in Section 609.11 of the California Plumbing Code. In addition, the following pipe conditions shall have a minimum insulation wall thickness of 1 inch or a minimum insulation R-value of 2.2:
 • The first 3 feet (1.5 meters) of cold water pipes from the storage tank.
 • All piping with a nominal diameter of 3/4 inch (19 millimeter) and less than 1 inch.
 • All hot water with a nominal diameter less than 1 1/2 inch that is:
 o Associated with a domestic hot water recirculation system.
 o From the heating source to the fixture fixture.
 o From the heating source to storage tank between tanks.
 o Buried below grade.

05 Piping that penetrates framing members shall not be required to have pipe insulation for the distance of the framing penetration. Metal piping that penetrates metal framing that has grooves, slots, wrapping or other insulating material to assure that no contact is made with the metal framing. Insulation shall but securely against all framing members.
 • Insulation is not required on the cold water line when it is used as the return.

06 Hot water pipes that are buried below grade are installed in a water proof and non-crushable casing that allows for installation, removal, and replacement of the recirculation pipe and insulation. (ISA 4.1)

07 Insulation outside conditioned space is protected from damage, including that due to sunlight, moisture, equipment maintenance, and vent. (ISA 4.1)

08 Pipe insulation is tightly to the pipe. (ISA 4.1)

09 On insulated sections of pipe, no piping is visible due to insulation voids, and all elbows and tees are fully insulated. (ISA 4.1)

10 The recirculation pump is mounted on a vertical section of the return line, OR an automatic air release valve is installed on a riser at least 12 inches in length, on the hot side of the recirculation pump, no more than 4 feet from the pump. (Section 110.3(a)(5))

11 A check valve is installed between the recirculation pump and the water heater. (Section 110.3(a)(5))

12 A check valve is installed between the pump and the water heating equipment with an isolation valve between the hot side and the water heating equipment. (Section 110.3(a)(5))

13 Isolation valves are installed on both sides of the pump. One of the isolation valves may be the same isolation valve as in item 12 above. (Section 110.3(a)(5))

14 The cold water supply piping and the recirculation loop piping is not connected to the hot water storage tank drain pipe. (Section 110.3(a)(5))

15 A check valve is installed on the cold water supply line between the hot water system and the most closest tee on the cold water supply. (Section 110.3(a)(5))

16 The hot water distribution system piping from the water heater(s) to the fixtures and appliances takes the most direct path. (ISA 4.1.2)

17 Installation and operation instructions that provide details of the operation of the pump and controls are available at the jobsite for inspection. (ISA 4.1.2)

18 More than one circulation loop may be installed. Each loop shall have its own pump and controls. (ISA 4.1, RA 4.4.5, RA 4.4.10)

The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance January 2020

STATE OF CALIFORNIA
PLUMBING
 NRC-PUB-18 (Revised 01/20)
 CERTIFICATE OF INSTALLATION
 Project Name: Phelan Pinon Hills C.S.D. Report Page: Page 3 of 4
 Project Address: 4128 Warbler Road Date Prepared: 05/03/2022

E. Mandatory Measures for All Domestic Hot Water Distribution Systems

01 Equipment shall meet the applicable requirements of the California Energy Regulations (Section 110.3(a)(1)).

02 Unfired Storage Tanks are insulated with an external R-12 or combination of R-18 internal and external insulation. (Section 110.3(a)(3))

03 All domestic hot water pipes shall be insulated as specified in Section 609.11 of the California Plumbing Code. In addition, the following pipe conditions shall have a minimum insulation wall thickness of 1 inch or a minimum insulation R-value of 2.2:
 • The first 3 feet (1.5 meters) of cold water pipes from the storage tank.
 • All piping with a nominal diameter of 3/4 inch (19 millimeter) and less than 1 inch.
 • All hot water with a nominal diameter less than 1 1/2 inch that is:
 o Associated with a domestic hot water recirculation system.
 o From the heating source to the fixture fixture.
 o From the heating source to storage tank between tanks.
 o Buried below grade.

04 Piping that penetrates framing members shall not be required to have pipe insulation for the distance of the framing penetration. Piping that penetrates metal framing that has grooves, slots, wrapping or other insulating material to assure that no contact is made with the metal framing. Insulation shall but securely against all framing members.
 • Insulation is not required on the interior or exterior walls that is surrounded on all sides by at least 1 inch of insulation.

05 Piping installed in crevasses with a minimum of 1/2 inch (13 mm) of crawspace insulation above and below.
 • Piping installed in attics with a minimum of 4 inches (103 mm) of attic insulation top.
 • The insulation shall meet the insulation R-value requirements of Section 110.3(a)(3).

06 Insulation exposed to weather shall be shielded from solar radiation.
 • Insulation on pipe buried below grade must be installed in a water proof and non-crushable casing or sleeve.

07 All elbows and tees that are fully insulated shall be tightly to the pipe.
 (ISA 4.1)

08 Where insulation is required, no pipe shall be visible due to insulation voids, and all insulation shall fit tightly to the pipe. (ISA 4.1)

For One-Pipe Water Heaters: Ensure the recirculation is installed. (Section 150.10(f)).

1. A dedicated 120V, 20A electrical receptacle connected to the electric panel with a 120V/20A/3 conductor, 12 AWG copper branch circuit, within 3 feet from the water heater and accessible with no obstructions:
 a. The conductor shall be labeled with the work "Spares" on both ends and
 b. A reserved single pole circuit breaker space next to the circuit breaker next to the branch circuit in a "Spares" 240V panel shall be provided.
 2. A category III or IV vent, or a Type B vent with straight pipe between outside and water heater.
 3. Condensate drain no more than 1/2 inch higher than the base of the water heater for natural draining.
 4. A gas supply line with capacity of at least 200,000 BTUH.

The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance January 2020


STATE OF CALIFORNIA
PLUMBING
 NRC-PUB-18 (Revised 01/20)
 CERTIFICATE OF INSTALLATION
 Project Name: Phelan Pinon Hills C.S.D. Report Page: Page 4 of 4
 Project Address: 4128 Warbler Road Date Prepared: 05/03/2022

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Installation documentation is accurate and complete.
 Documentation Author Name: Tom Steeno
 Company: Steeno Design Studio
 Address: 11774 Heesperia Road, Suite B1
 City/State/Zip: Heesperia / CA / 92345
 Phone: (760) 244-5001

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Installation is true and correct.
 2. I am eligible under Division 1 of the Business and Professions Code to accept responsibility for the system design, construction, or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Installation and the declarations in this statement (responsible builder/installer), whether I am an authorized representative of the responsible builder/installer.
 3. The construction or installation of features, materials, components or manufactured devices (the installation) identified on this Certificate of Installation conforms to all applicable codes and regulations, and the installation conforms to the requirements given on the plans and specifications approved by the enforcement agency.
 4. I received a copy of the Certificate of Compliance approved by the enforcement agency that identifies the specific requirements for the scope of construction or installation identified on the Certificate of Installation, and I have ensured that the requirements that apply to the construction or installation have been met.
 5. I will ensure that a completed signed copy of this Certificate of Installation is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Person Name: Tom Steeno
 Company: Steeno Design Studio
 Address: 11774 Heesperia Road, Suite B1
 City/State/Zip: Heesperia / CA / 92345
 Phone: (760) 244-5001

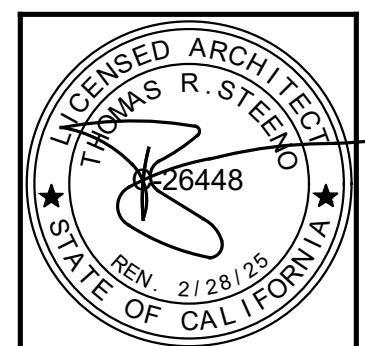
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance January 2020



11774 HESPERIA ROAD, SUITE B • HESPERIA, CA 92345
 PHONE (760) 244-5001 • FAX (760) 244-1948
www.steendesign.com

DATE FINISHED
MAY 2022

THESE PLANS SHALL COMPLY WITH THE CALIFORNIA BUILDING CODE WHICH ADOPTS THE 2019 CALIFORNIA CODE OF REGULATIONS AND THE 2019 ENERGY STANDARDS.
 THESE DOCUMENTS AND THE INSTRUMENT OF A PROFESSIONAL SERVICE ARE THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY USE, IN WHOLE OR IN PART, FOR OTHER THAN THE PROJECT PROVIDED SHALL BE UNLAWFUL.



PROJECT: CIVIC CENTER BUILDING
PHELAN PIÑON HILLS C.S.D.
 SITE ADDRESS:
 A.P.N. 3066-261-10
 953 SHEEP CREEK ROAD
 PHELAN, CA 92329

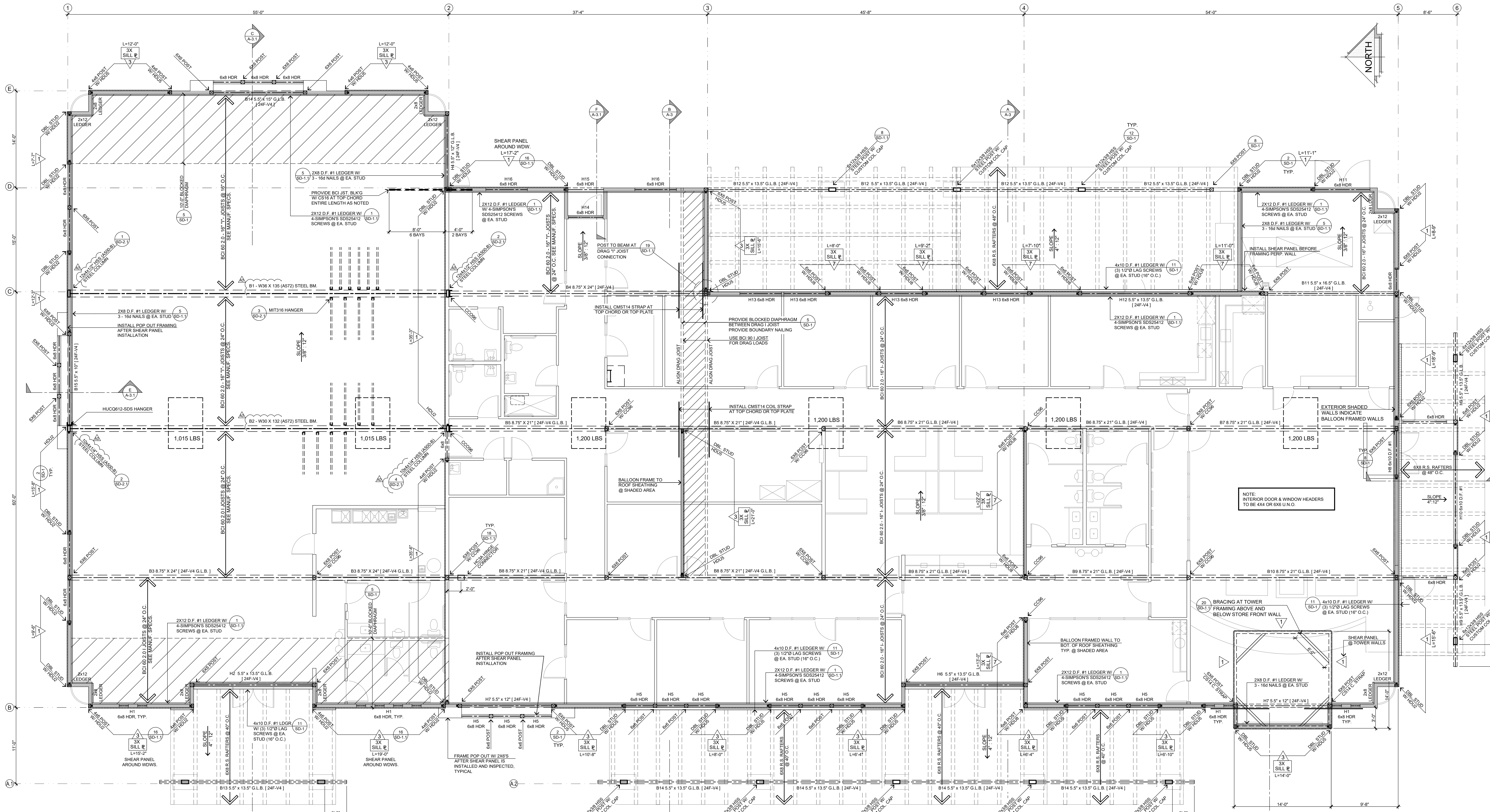
CONTACT:
 DON BARTZ

JOB NO.
 COM20-L01/01

SHEET NAME:
 PLUMBING COMPLIANCE FORMS

P-4

PAGE



**ROOF DIAPHRAGM 2x FRAMING
EXPANSION AREA BUILDING:**

USE ZONED 5/8" CD-X PLYWOOD DIAPHRAGM (WITH 2X FRAMING) W/ 10d NAILS

BLOCKED DIAPHRAGM PORTION:

- ALONG DIAPHRAGM BOUNDARIES - 6" O.C.
- ALONG ALL OTHER PANELS EDGES - 6" O.C.
- ALONG INTERMEDIATE SUPPORTS - 12" O.C.

UNBLOCKED DIAPHRAGM PORTION - NAIL SPACING

- ALONG DIAPHRAGM BOUNDARIES - 6" O.C.
- ALONG ALL OTHER PANELS EDGES - 6" O.C.
- ALONG INTERMEDIATE SUPPORTS - 12" O.C.

ROOF DIAPHRAGM 2x FRAMING

USE ZONED 5/8" CD-X PLYWOOD DIAPHRAGM (WITH 2X FRAMING) W/ 10d NAILS

BLOCKED DIAPHRAGM PORTION:

- ALONG DIAPHRAGM BOUNDARIES - 6" O.C.
- ALONG ALL OTHER PANELS EDGES - 6" O.C.
- ALONG INTERMEDIATE SUPPORTS - 12" O.C.

UNBLOCKED DIAPHRAGM PORTION - NAIL SPACING

- ALONG DIAPHRAGM BOUNDARIES - 6" O.C.
- ALONG ALL OTHER PANELS EDGES - 6" O.C.
- ALONG INTERMEDIATE SUPPORTS - 12" O.C.

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

STRUCTURAL DESIGN SPECIFICATIONS
(PER 2019 C.B.C.)

- FLOOR LIVE LOAD: N/A. PSF UNIFORM, NO LBS. CONCENTRATED. NO ADDITIONAL IMPACT LOADS.
FLOOR DEAD LOAD: N/A
ROOF LIVE LOAD: 30 PSF
ROOF SNOW LOAD: 5 PSF. ELEV.: 4,156 FT.
ROOF DEAD LOAD: 15
- WIND DESIGN DATA
A. BASIC WIND SPEED: 120 MPH
B. WIND IMPORTANCE FACTOR: 1.10
C. OCCUPANCY CATEGORY: IV
D. WIND EXPOSURE: C
E. INTERNAL PRESSURE COEFFICIENT: GCPI = 0.18
F. COMPONENTS & CLADDING: 117 / 21 PSF
ROOF ELEMENTS: 19 / 25
- EARTHQUAKE DESIGN DATA
A. SEISMIC IMPORTANCE FACTOR: 1.0
B. OCCUPANCY CATEGORY: IV
C. MAPPED SPECTRAL RESPONSE ACCELERATIONS:
SS1 = 1.58 & SS1+0.87
D. SITE CLASS: D
E. SPECTRAL RESPONSE COEFFICIENTS:
SDS = 1.266 & SD1 = NULL
- SEISMIC DESIGN CATEGORY: D
F. BASIC SEISMIC-FORCE-RESISTING SYSTEM: BEARING WALL SYSTEMS - LIGHT FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE OR STEEL SHEETS
G. REDUNDANCY FACTOR: 1.25
H. RESPONSE MODIFICATION FACTOR: R = 6.5
I. SEISMIC RESPONSE COEFFICIENT: CS = 0.922
J. ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE PROCEDURE
K. SPECIAL LOADS: NONE
L. SYSTEM OR COMPONENTS REQUIRING SPECIAL INSPECTIONS FOR SEISMIC RESISTANT: NONE
- 7. GEOTECHNICAL INVESTIGATION DATA:
A. SOIL CLASSIFICATION: SM
B. SOILS EXPANSION INDEX: 0
C. DESIGN BEARING CAPACITY: 1,800 PSF (SEE ATTACHED SOILS REPORT)
D. TRUSS DEPTH REQUIREMENTS: 16"

NO.	DESCRIPTION	4" SPLICE NAILING	ANCHOR BOLTS	SPECIAL FRAMING	ALL SHEAR
1	3/8" C-DX PLYWOOD SHEAR PANELS APPLIED DIRECTLY TO FRAMING W/ 10d NAILS @ 6" O.C. AT PANEL EDGES & 12" O.C. AT INTERMEDIATE SUPPORTS. INSTALL SPECIFIED HOLD-DOWNS PER STRUCTURAL CALC'S & DIAGRAM.	8-16d NAILS @ 48" SPLICE	5/8" DIA A.B. @ 60" O.C.		V _{ALL} = 160 lb/ft
2	3/8" STRUCT 1 PLYWOOD SHEAR PANELS APPLIED DIRECTLY TO FRAMING W/ 10d NAILS @ 6" O.C. AT PANEL EDGES & 12" O.C. AT INTERMEDIATE SUPPORTS. INSTALL SPECIFIED HOLD-DOWNS PER STRUCTURAL CALC'S & DIAGRAM.	12-16d NAILS @ 48" SPLICE	5/8" DIA A.B. @ 40" O.C.		V _{ALL} = 280 lb/ft
3	3/8" STRUCT 1 PLYWOOD SHEAR PANELS APPLIED DIRECTLY TO FRAMING W/ 10d NAILS @ 6" O.C. AT PANEL EDGES & 12" O.C. AT INTERMEDIATE SUPPORTS. INSTALL SPECIFIED HOLD-DOWNS PER STRUCTURAL CALC'S & DIAGRAM.	16-16d NAILS @ 48" SPLICE	5/8" DIA A.B. @ 24" O.C.	3x ADJ. FRAMING & 3x SILL PLATE	V _{ALL} = 430 lb/ft
4	3/8" STRUCT 1 PLYWOOD SHEAR PANELS APPLIED DIRECTLY TO FRAMING W/ 10d NAILS @ 6" O.C. AT PANEL EDGES & 12" O.C. AT INTERMEDIATE SUPPORTS. INSTALL SPECIFIED HOLD-DOWNS PER STRUCTURAL CALC'S & DIAGRAM.	16-16d NAILS @ 48" SPLICE	5/8" DIA A.B. @ 20" O.C.	3x ADJ. FRAMING & 3x SILL PLATE	V _{ALL} = 550 lb/ft
5	DOUBLE SIDED 3/8" STRUCT 1 PLYWOOD SHEAR PANELS APPLIED DIRECTLY TO FRAMING W/ 10d NAILS @ 6" O.C. AT PANEL EDGES & 12" O.C. AT INTERMEDIATE SUPPORTS. INSTALL SPECIFIED HOLD-DOWNS PER STRUCTURAL CALC'S & DIAGRAM.	28-16d NAILS @ 48" SPLICE	5/8" DIA A.B. @ 12" O.C.	3x ADJ. FRAMING & 3x SILL PLATE	V _{ALL} = 860 lb/ft
6	DOUBLE SIDED 3/8" STRUCT 1 PLYWOOD SHEAR PANELS APPLIED DIRECTLY TO FRAMING W/ 10d NAILS @ 6" O.C. AT PANEL EDGES & 12" O.C. AT INTERMEDIATE SUPPORTS. INSTALL SPECIFIED HOLD-DOWNS PER STRUCTURAL CALC'S & DIAGRAM.	CMST4 COIL STRAP	5/8" DIA A.B. @ 10" O.C.	3x ADJ. FRAMING & 3x SILL PLATE	V _{ALL} = 1,100 lb/ft
7	15/32" STRUCT 1 PLYWOOD SHEAR PANELS APPLIED DIRECTLY TO FRAMING W/ 10d NAILS @ 6" O.C. AT PANEL EDGES & 12" O.C. AT INTERMEDIATE SUPPORTS. INSTALL SPECIFIED HOLD-DOWNS PER STRUCTURAL CALC'S & DIAGRAM.	20-16d NAILS @ 48" SPLICE	5/8" DIA A.B. @ 10" O.C.	3x ADJ. FRAMING & 3x SILL PLATE	V _{ALL} = 665 lb/ft

*NOTE: - WOOD FRAMED SHEAR WALLS PER 2019 C.B.C. SECTION 2306.3 - ASD ALLOWABLE SEISMIC SHEAR VALUES PER AWC SDPMPS TABLES 4.3A, 4.3B, 4.3C. FOR ALL SHEAR WALLS PERMITTED TO BE INCREASED TO VALUES FOR 15/32" SHEATHING WITH THE SAME NAILING PROVIDED (a) STUDS SPACED @ 16" O.C. MAX OR (b) PANEL ARE APPLIED W/ LONG DIMENSION ACROSS STUDS
- 3x SILL PLATE & ADJOINING FRAMING @ PANEL EDGES ONLY. RECD WHEN DESIGN V > 350 LBS PER FT. PER AWC SDPMPS SECTION 4.3.7.3c.
- ANCHOR BOLTS (ASTM A307) TO HAVE MIN EMBEDMENT 7" W/ 3" x 3" x 22" PLATE. WASHERS. ALL NAILS TO BE COMMON NAILS - 6d NAILS (2" x 113" DIA); 8d NAILS (2 1/2" x 131" DIA - 10d NAILS (3" x 148" DIA)

SYMBOLS & LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
6x8 / 4x6 WOOD POST OR DBL. STUD AS NOTED		1/8" DRIP	
SIMPSON HOLD DOWN		X	
SIMPSON HANGER (OR EQUIVALENT)		3X SILL	

SPECIAL INSPECTIONS (2019 CBC SECTION 1704)

ITEM	REQUIRED	ITEM	REQUIRED
A. SOILS COMPLIANCE PRIOR TO FOUNDATION INSPECTION	NOT REQUIRED	F. STRUCTURAL CONCRETE OVER 2500 PSI	NOT REQUIRED
B. STRUCTURAL WOOD	YES	G. HIGH STRENGTH BOLTING	YES
C. SUSPENDED CEILINGS	NOT REQUIRED	H. EXPANSION EPOXY ANCHORS	NOT REQUIRED
D. STRUCTURAL MASONRY	NOT REQUIRED	I. WOOD CONSTRUCTION	NOT REQUIRED
E. FIELD WELDING	YES	J. SEISMIC FORCE RESISTING SYSTEM	YES

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DATE FINISHED
MAY 2022

REVISIONS

DEV. CODE: 02/14/22
BLDG. CODE: 02/14/22
ELECTRICAL: 09/09/22
MECHANICAL: 09/09/22
APPENDIX TO STRUCTURAL: 01/24/2023

THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA BUILDING CODE WITH CORRECTIONS TO THE 2018 CALIFORNIA BUILDING CODE AND THE 2018 ENERGY STANDARDS. THESE DOCUMENTS AND THE INCORPORATED REFERENCES ARE THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY USE, IN WHOLE OR IN PART FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.

REGISTERED ARCHITECT
STATE OF CALIFORNIA
26448
2/21/2019

PROJECT: CIVIC CENTER BUILDING
PHELAN PIÑON HILLS C.S.D.

SITE ADDRESS:
A.P.N. 3068-261-10
9533 SHEEP CREEK ROAD,
PHELAN, CA 92376

CONTACT:
DON BARTZ

JOB NO.: COM20-L01/01
SHEET NAME: **S-2**
STRUCTURAL PLAN

GENERAL NOTES:

- ALL CONSTRUCTION WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE 2019 EDITION OF THE CALIFORNIA BUILDING CODE EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE NOTED OR SHOWN ON THE PLANS.
- THE PLANS SHALL BE REVIEWED FOR DIMENSIONAL & EXISTING SITE CONFORMANCE WITH THE PLANS BY THE CONTRACTOR BEFORE STARTING WORK. THE ARCHITECT & ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES.
- WORKING DIMENSIONS SHALL NOT BE SCALED FROM DRAWINGS.
- NOTES AND DETAILS ON DRAWINGS SHALL PRECEDE THESE GENERAL NOTES.
- THE DESIGN, ADEQUACY AND SAFETY OF ERECTION, BRACINGS, SHORING, TEMPORARY SUPPORTS, ETC., IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND HAS NOT BEEN CONSIDERED BY THE STRUCTURAL ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING THE ENTIRE COURSE OF CONSTRUCTION. THE ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR FIELD INSPECTION/OBSERVATION OF THE ABOVE ITEM.
- THE VIBRATION EFFECTS OF ANY MECHANICAL EQUIPMENT HAVE NOT BEEN CONSIDERED BY THE STRUCTURAL ENGINEER.
- CONCRETE SLABS ON GRADE HAVE NOT BEEN DESIGNED BY THE STRUCTURAL ENGINEER.
- ALLOWABLE SOIL BEARING PRESSURE TO BE A MINIMUM OF 1,800 PSF UNLESS A SOIL REPORT IS PROVIDED. SOILS IN THE BUILDING AREA & BEYOND SHALL BE COMPACTED TO A MINIMUM OF 90% RELATIVE COMPACTION PER I.B.C.
- AT THE BEGINNING OF EACH JOB THE CONTRACTOR SHALL MEET WITH THE LOCAL BUILDING OFFICIAL TO CONFIRM INSPECTION REQUIREMENT OF THE LOCAL JURISDICTION.

FOUNDATION NOTES:

- ALL SUBGRADE PREPARATION FOR BEARING, FILL MATERIAL, AND PAVEMENT/SLAB BASE SHALL BE INSPECTED BY A REPRESENTATIVE OF THE SOIL ENGINEER, AND LOCAL BUILDING INSPECTOR, IF REQUIRED, PRIOR TO THE PLACING OF CONCRETE.
- THE MINIMUM BOLTING FOR SILL PLATES TO FOUNDATION SHALL BE 5/8" DIAMETER ANCHOR BOLTS WITH 7" MIN. EMBEDMENT IN CONCRETE WITH SPACING NO GREATER THAN 6" O.C. OR FURTHER THAN 12" FROM CORNERS (MIN. 2 BOLTS PER PIER). SEE FOUNDATION PLAN AND SHEAR SCHEDULE FOR FURTHER BOLTING REQUIREMENTS.
- PLATE WASHERS A MINIMUM OF 3 INCH BY 3 INCH BY 1/4 INCH THICK SHALL BE USED ON EACH ANCHOR BOLT.
- SLAB ON GRADE: MINIMUM 4 INCH CONCRETE SLAB WITH 6X6-10/10 W.W.M. @ CENTER OF SLAB THICKNESS OR WITH FIBER MESH OVER 2 INCH OF SAND OVER 6 MIL. VISQUEEN OVER COMPACTED SOIL UNLESS NOTED OTHERWISE ON PLAN.
- PIPE OR DUCTS THAT EXCEED ONE THIRD THE SLAB OR CONCRETE WALL THICKNESS SHALL NOT BE PLACED IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED.
- FOR SILL BOLTING AT EXISTING FOOTINGS USE "RED HEAD" 1030 #1372 THE SAME SIZE & SPACING AS CALLED FOR ON PLANS (MINIMUM 2-3/4" EMBEDMENT).

CONCRETE NOTES:

- UNLESS OTHERWISE NOTED ON PLANS CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI IN 28 DAYS.
- CEMENT SHALL CONFORM TO ASTM C-150.
- AGGREGATE SHALL CONFORM TO ASTM C-33.
- CORNERS OF SLAB, BEAMS, WALLS AND COLUMNS SHALL BE FORMED WITH A 3/4" CHAMFER UNLESS NOTED OTHERWISE ON PLANS.
- FOR FLOOR SLAB, PROVIDE 1" DEEP SAW CUTS OR CONSTRUCTION JOINTS AT A MAXIMUM OF 18 FEET O.C. EACH WAY, IN SQUARE PATTERN, U.N.O.

REINFORCING STEEL NOTES:

- REINFORCING STEEL SHALL CONFORM TO THE ASTM A615, GRADED AS NOTED:

ALL #4 BARS	-GRADE 40
#4 BARS IN SLABS OR SITE WORK	-GRADE 40
#4 BARS IN WALLS AND FOUNDATION	-GRADE 60
#5 BARS AND LARGER	-GRADE 60
- ALL REINFORCING STEEL, ANCHOR BOLTS, AND OTHER INSERTS SHALL BE SECURED IN PLACE PRIOR TO PLACING CONCRETE OR GRouting OF MASONRY.
- REINFORCING STEEL MAY BE LAP SPliced WITH 50 BAR DIAMETER IN MASONRY OR 40 BAR DIAMETER IN CONCRETE WITH MIN. 18" LAP.
- PROVIDE THE FOLLOWING MINIMUM CONCRETE COVER:

SURFACE CAST AGAINST EARTH	-3"
EXPOSED TO EARTH OR WEATHER	-2"
NOT EXPOSED TO WEATHER OR EARTH	-1"
BEAM AND COLUMN	-1.5"
SLAB ON GRADE	-MID DEPTH
- NUMBER 5 OR LARGER REINFORCING BARS SHALL NOT BE RE-BENT.
- PROVIDE DOWELS IN FOOTINGS AND/OR GRADE BEAMS THE SAME SIZE AND NUMBER AS VERTICAL WALL OR COLUMN REINFORCING. DOWELS SHALL HAVE A MINIMUM PROJECTION EQUAL TO STANDARD LAP SPlice UNLESS NOTED OTHERWISE.

LUMBER

- ALL LUMBER SHALL BE DOUGLAS FIR-LARCH VISUALLY GRADED PER WCLB/WPPA GRADING RULES UNLESS NOTED OTHERWISE ON PLANS:

2x JOISTS & RAFTERS	No. 2
4x, 6x & LARGER BEAMS	No. 1
PLATES, BLOCKING & STUDS	-STUD GRADE
- GLUED-LAMINATED TIMBER SHALL BE DOUGLAS FIR COMBINATION 24F-V4 DF/DF, INDUSTRIAL APPEARANCE WITH EXTERIOR GLUE. (FB=2400 PSI, FV=165 PSI, E=1800000 PSI) AN A.I.T.C. CERTIFICATE OF COMPLIANCE FOR GLUED LAMINATED WOOD MEMBER SHALL BE GIVEN TO THE BUILDING INSPECTOR PRIOR TO INSTALLATION. (1) USE V8 FOR CANTILEVER BEAMS AND V4 FOR SIMPLE SPAN BEAM.
- PLYWOOD SHEATHING SHALL CONFORM TO THE REQUIREMENT OF LATEST EDITION OF U.S. PRODUCT STANDARD PS-1 AND SHALL BE GRADE MARKED IN ACCORDANCE WITH APA.
- ALL SILLS AND PLATES RESTING ON CONCRETE OR MASONRY AND WITHIN 48" OF EARTH SHALL BE PRESSURE TREATED DOUGLAS FIR.
- ALL NAILS SHALL BE COMMON NAILS. BOX NAILS ARE NOT ACCEPTABLE UNLESS NOTED OTHERWISE ON PLANS.
- TOP PLATES TO BE DOUBLE 2X UNLESS NOTED OTHERWISE. LAP 48" MIN. WITH MINIMUM OF 8-16D THRU EACH SIDE OF SPlice UNLESS NOTED OTHERWISE ON PLANS.

WALL FRAMING:

- UNLESS OTHERWISE NOTED ON PLANS, WOOD STUDS SHALL BE AS FOLLOWS:

-2x4 @ 16" O.C. (BEARING WALL) SUPPORTING A MAX. OF ONE FLOOR AND ONE ROOF SHALL HAVE A MAX HEIGHT OF 10 FEET.
-2x4 @ 16" O.C. (NON-BEARING WALL) SHALL HAVE A MAX HEIGHT OF 14 FEET.
-2x4 @ 16" O.C. (BEARING WALL) SUPPORTING A MAXIMUM OF TWO FLOORS AND ONE ROOF SHALL HAVE A MAX HEIGHT OF 10 FEET.
-2x6 @ 16" O.C. (NON-BEARING WALL) SHALL HAVE A MAXIMUM HEIGHT OF 20 FEET.
- RAKE WALLS ADJACENT TO SLOPED CEILING SHALL BE BALLOON FRAMED. DOUBLE TOP PLATES SHALL ALWAYS BE SUPPORTED BY A ROOF OR CEILING DIAPHRAGM.
- SHEAR WALL PANEL MUST BE CONTINUOUS TO THE TOP PLATE. SHEATHING SHALL HAVE ALL EDGES BLOCKED & APPROPRIATE SHEAR TRANSFER THRU JOIST/FRAMING.
- PROVIDE 1x6 LET-IN BRACING @ APPROXIMATE 45 DEGREES EVERY 25' IN ALL STUD WALL NOT SHEATHED BRACES TO RUN CONTINUOUS FROM TOP PLATE TO SILL PLATE.
- DOUBLE TOP PLATE SHALL BE LAPED MIN. 48" AT ALL SPICES AND SHALL OVERLAP AT CORNERS.
- BORING AND NOTCHING OF WALL STUDS SHALL BE AS FOLLOWS:

NOTCHING MAXIMUM:	25% OF WIDTH ON BEARING WALLS
BORING MAXIMUM:	40% OF WIDTH ON NON-BEARING WALLS
	60% OF WIDTH ON NON-BEARING WALLS

 NOTE: A MINIMUM OF 5/8" CLEARANCE FROM EDGE OF STUD TO HOLE SHALL BE PROVIDED

ROOF FRAMING:

- ROOF SHEATHING: MINIMUM 5/8" CDX STRU. II PLYWOOD PANEL INDEX NO. 2410 WITH EXTERIOR GLUE. USE 8D NAILS @ 6" O.C. @ ALL EDGES, BOUNDARIES AND SHEAR WALLS AND 12" O.C. IN FIELD NO BLOCKING IS REQUIRED UNLESS NOTED OTHERWISE ON PLANS.
- FRAMING AROUND OPENINGS, TRIMMER AND HEADER JOISTS SHALL BE DOUBLED AND SUPPORTED BY HANGERS PER CODE PER CBC TABLE 2308.10.2.
- CEILING JOISTS PER CBC TABLE 2308.10.2:

-2x6 @ 16" O.C. - MAX SPAN = 17'-8"
-2x8 @ 16" O.C. - MAX SPAN = 23'-0"

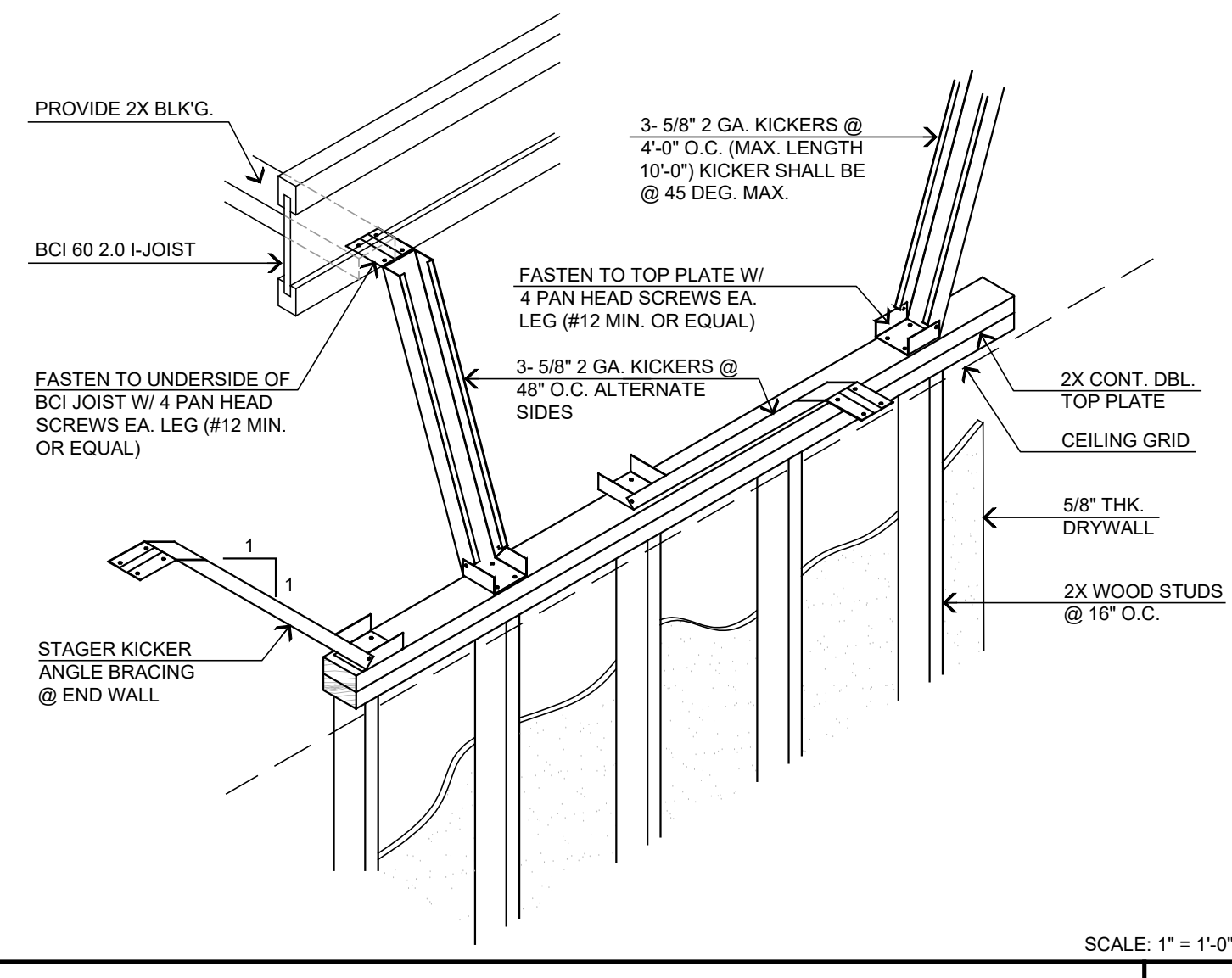
WOOD FRAMING NOTES:

- FRAMING SHALL COMPLY WITH CHAPTER 23 OF THE LATEST CALIFORNIA BUILDING CODE.
- ALL CONNECTING HARDWARE, JOIST HANGERS, THE STRAPS, ETC. SHALL BE SIMPSON STRONG-TIE UNLESS NOTED OTHERWISE ON PLANS.
- UNLESS NOTED OTHERWISE ON PLANS, ALL POSTS SHALL HAVE SIMPSON "PC" CONNECTORS AT TOP AND SIMPSON "BC" OR "BCO" CONNECTORS AT BASES.
- USE SIMPSON U-HANGERS ON ALL JOIST/BEAM CONNECTIONS UNLESS NOTED OTHERWISE ON PLANS.
- ALL BOLTS BEARING ON WOOD SHALL HAVE WASHERS UNDER HEAD OR NUT. HOLES FOR BOLTS SHALL BE BORED 1/32" TO 1/16" LARGER THAN NOMINAL BOLT DIAMETER.

JOISTS/RAFTERS FRAMING:

- BORING AND NOTCHING OF JOISTS: BORING - MAX. DIAMETER OF HOLE SHALL NOT EXCEED 1/3 OF DRESSED DEPTH OF JOIST WITH MIN. EDGE CLEARANCE OF 7 INCHES. NOTCHING - MAX. DEPTH AT ENDS SHALL NOT EXCEED 1/4 OF DRESSED DEPTH. NO NOTCHING IS ALLOWED IN THE CENTER THIRD OF THE JOIST SPAN. NOTCHING IN OTHER LOCATIONS SHALL BE IN THE COMPRESSION SIDE WITH A MAX. DEPTH OF 1/8 OF THE JOIST DEPTH.
- WHERE THREE OR MORE JOISTS ARE USED THE JOISTS SHALL BE BOLTED TOGETHER WITH 1/2" DIAMETER MACHINE BOLTS W/ WASHERS AT 24" O.C. STAGGERED. BOLTS SHALL BE RETIGHTENED PRIOR TO APPLYING FINISH MATERIALS.
- JOISTS/RAFTERS SHALL LAP AT SPICES A MIN. OF 4 INCHES WITH 3-16D NAILS.
- CROSS BRIDGING OR 2X BLOCKING SHALL BE PROVIDED @ 8'-0" O.C. MAX. FOR ALL JOISTS AND RAFTERS MORE THAN 8' IN DEPTH.
- 2X SOLID BLOCKING SHALL BE PLACED BETWEEN JOISTS OR RAFTERS AT ALL SUPPORTS.

GENERAL & CONSTRUCTION NOTES



INTERIOR NON-BEARING WALL BRACING SCALE: 1/4" = 1'-0"

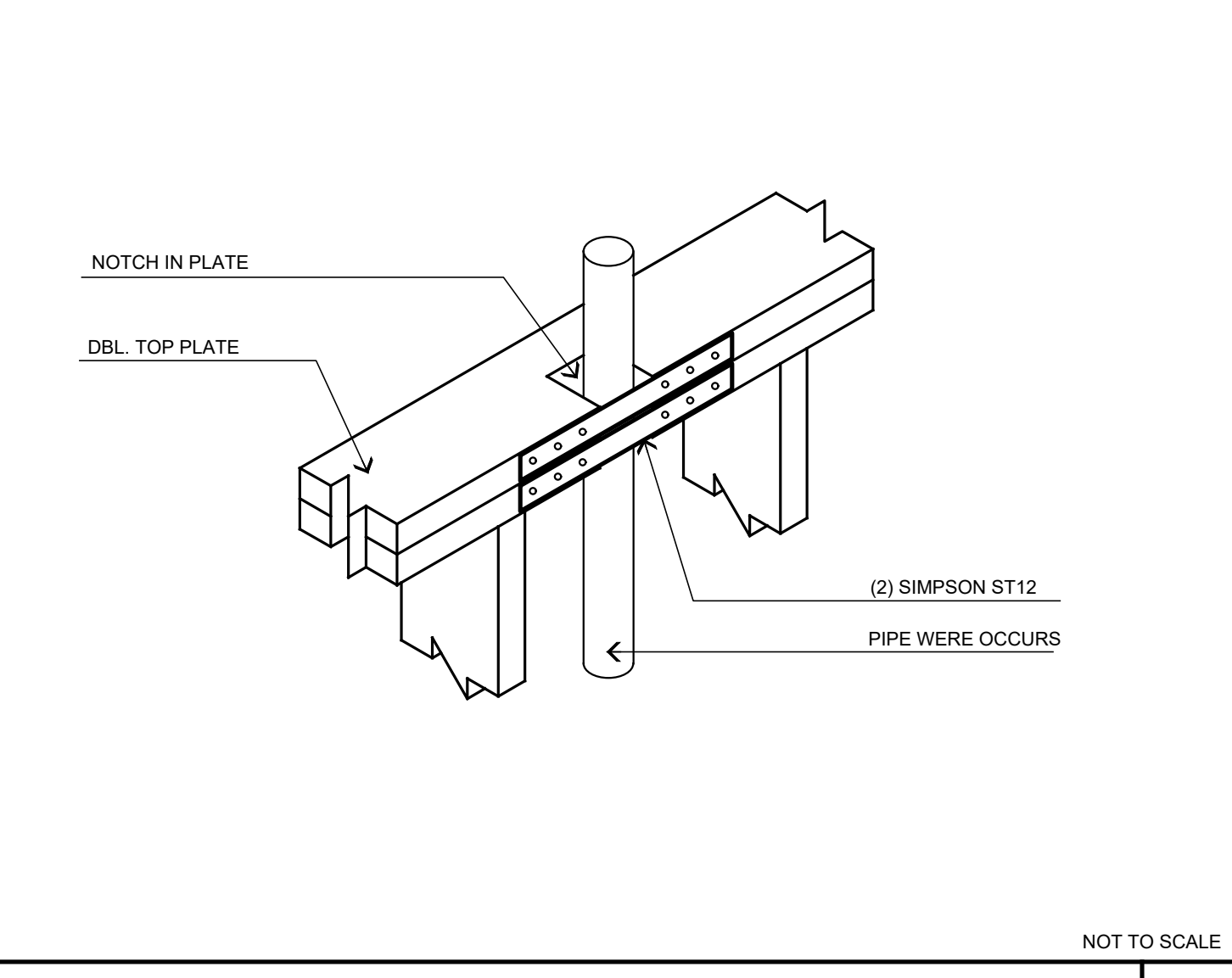
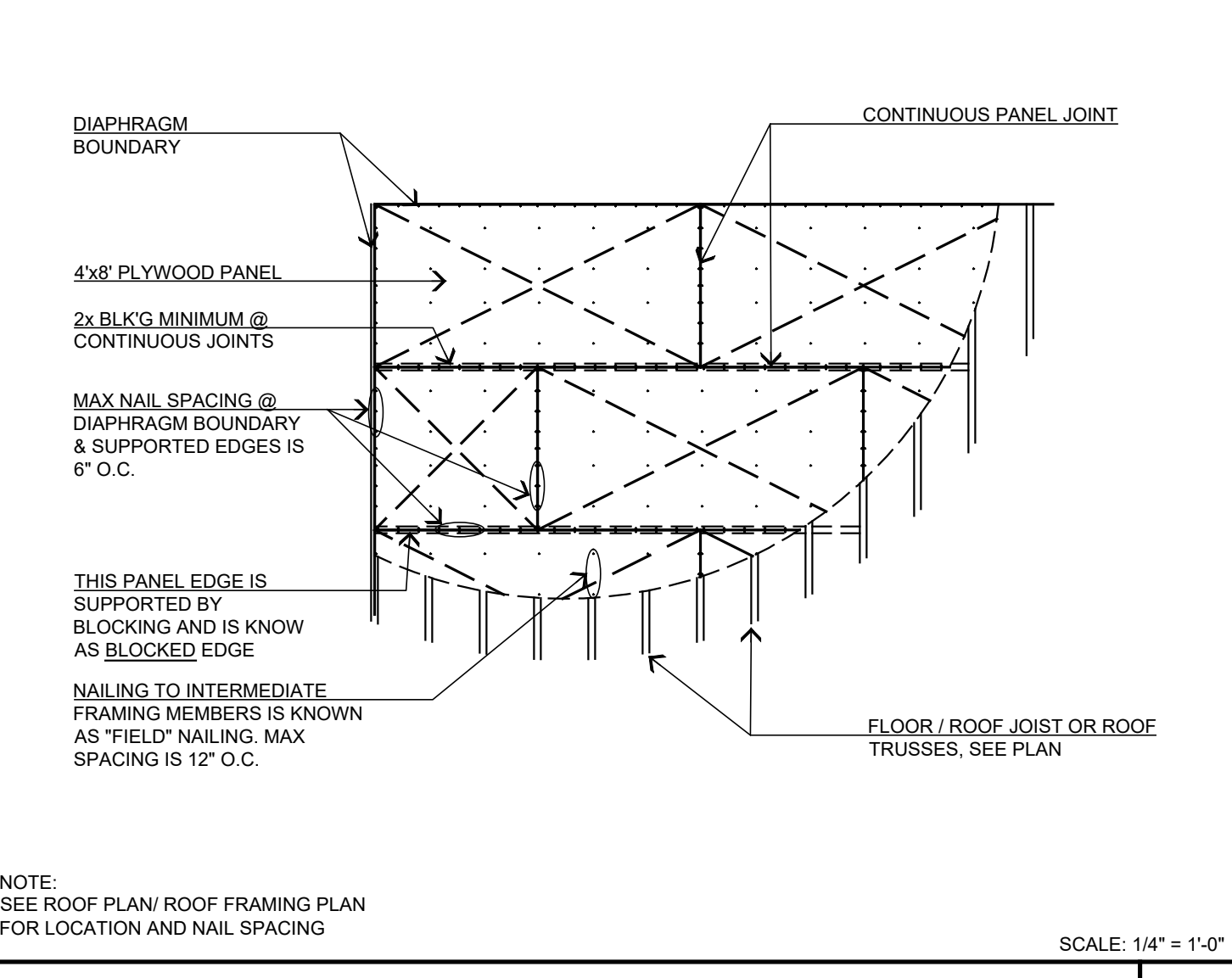
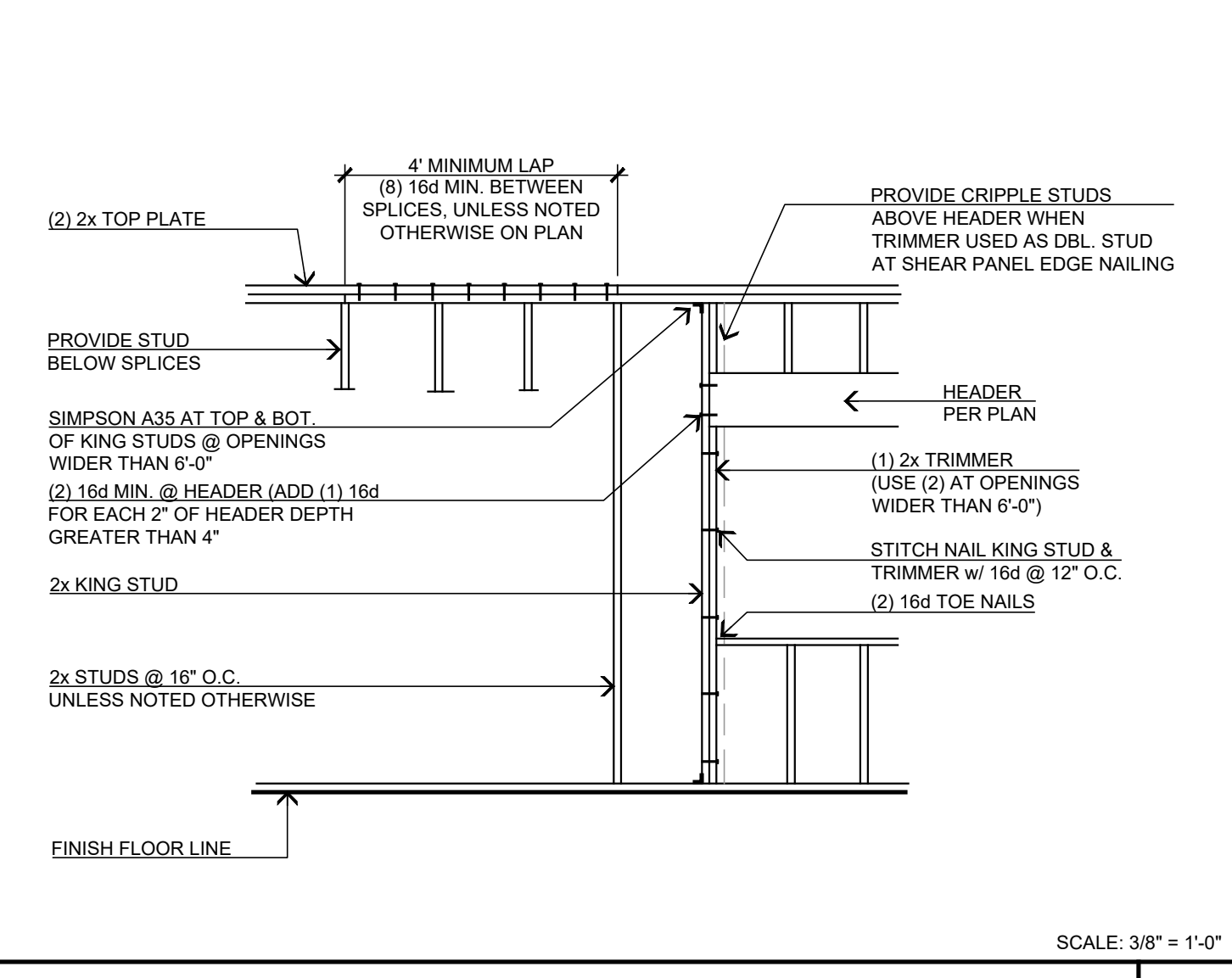


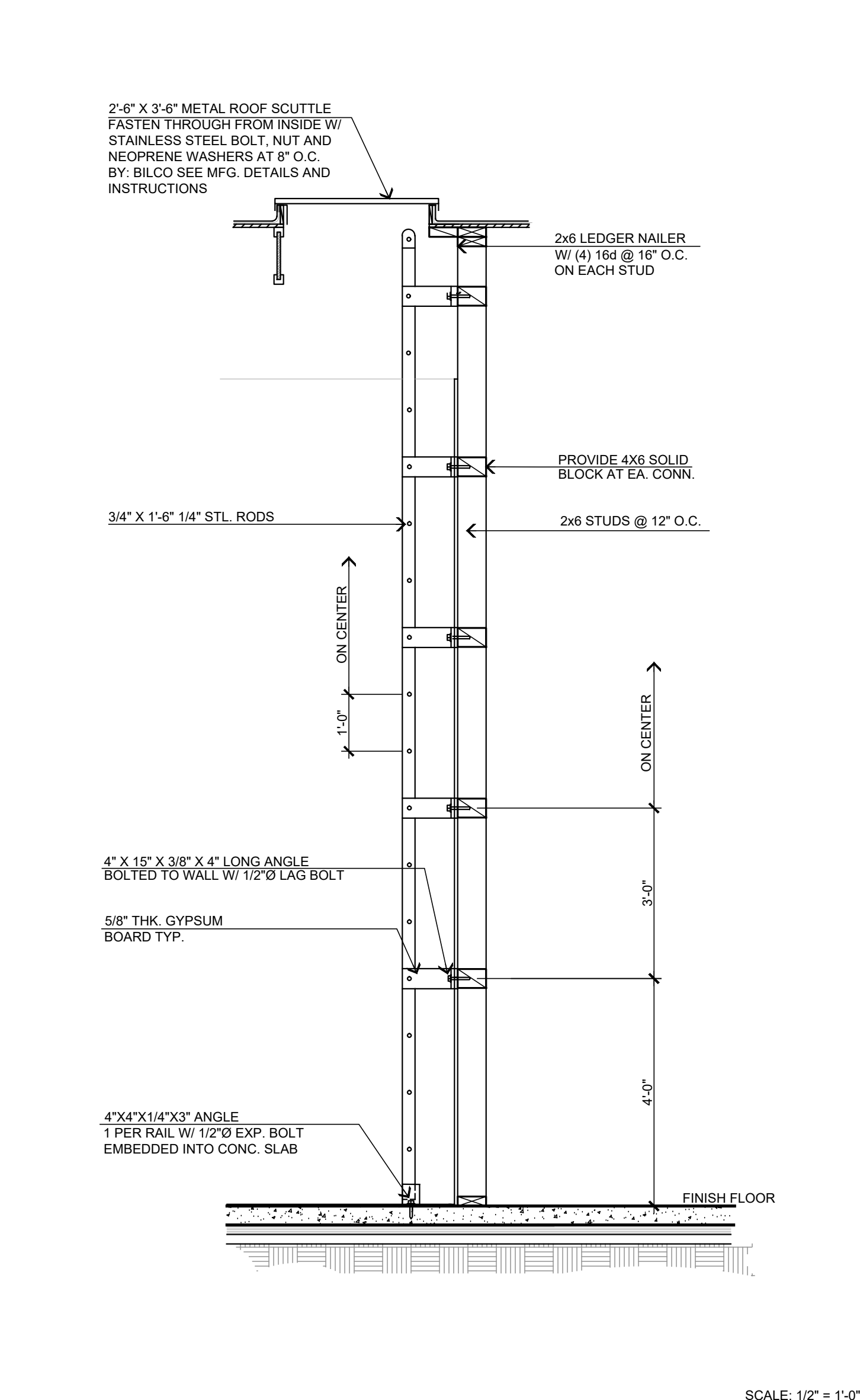
PLATE FRAMING @ PIPING NOT TO SCALE



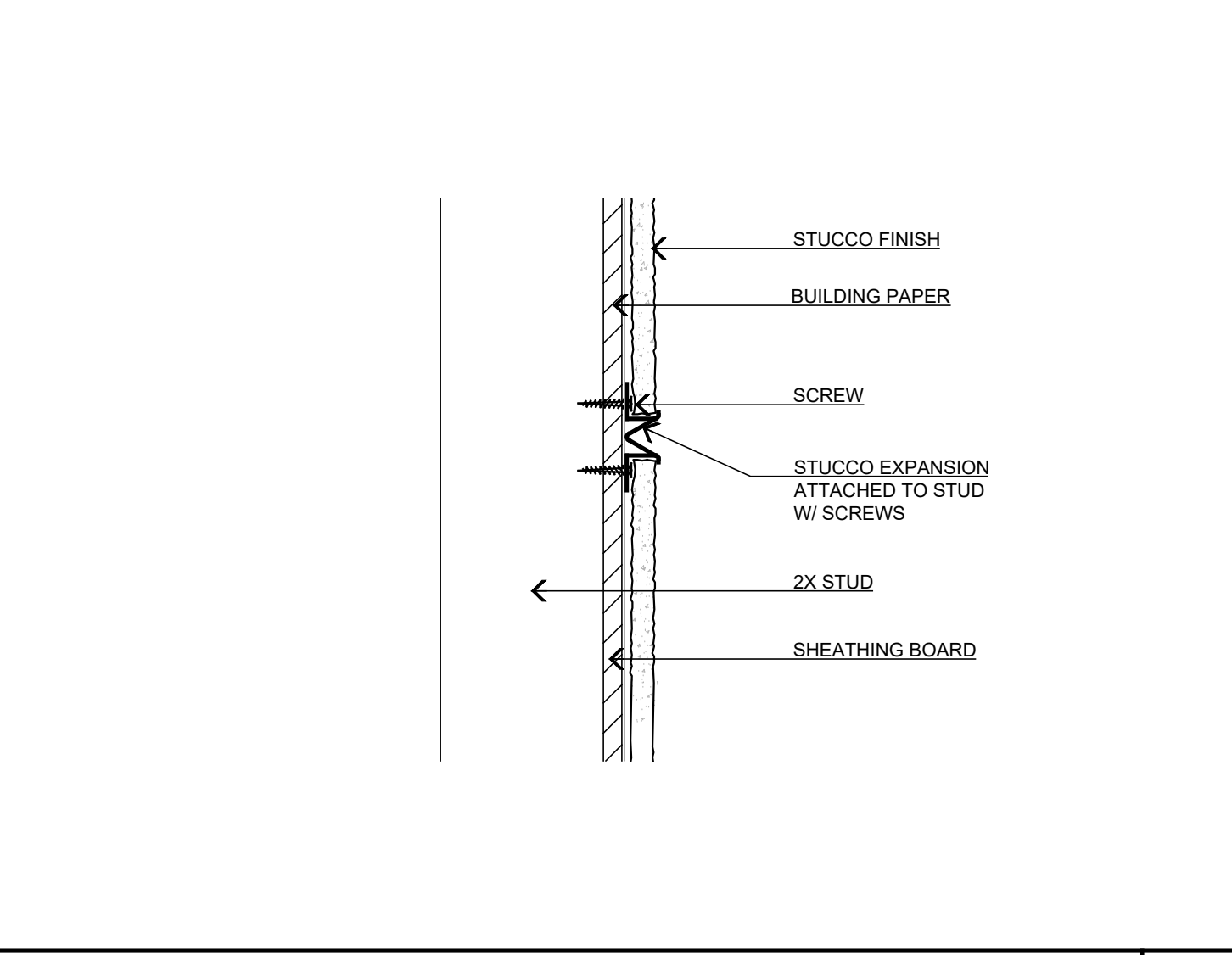
BLOCKED HORIZ. ROOF / FLOOR DIAPHRAGM SCALE: 1/4" = 1'-0"



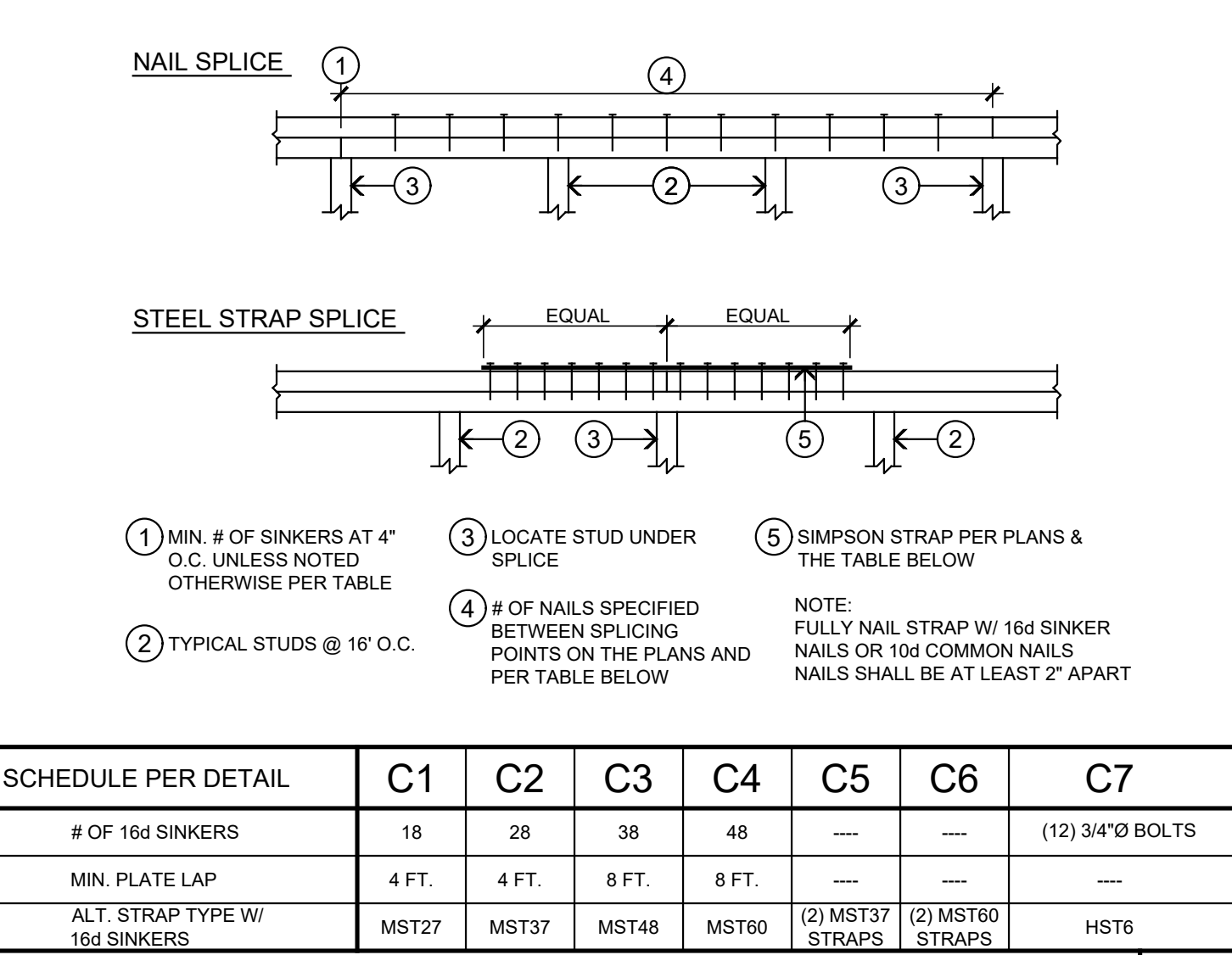
TYPICAL WALL FRAMING SCALE: 3/8" = 1'-0"



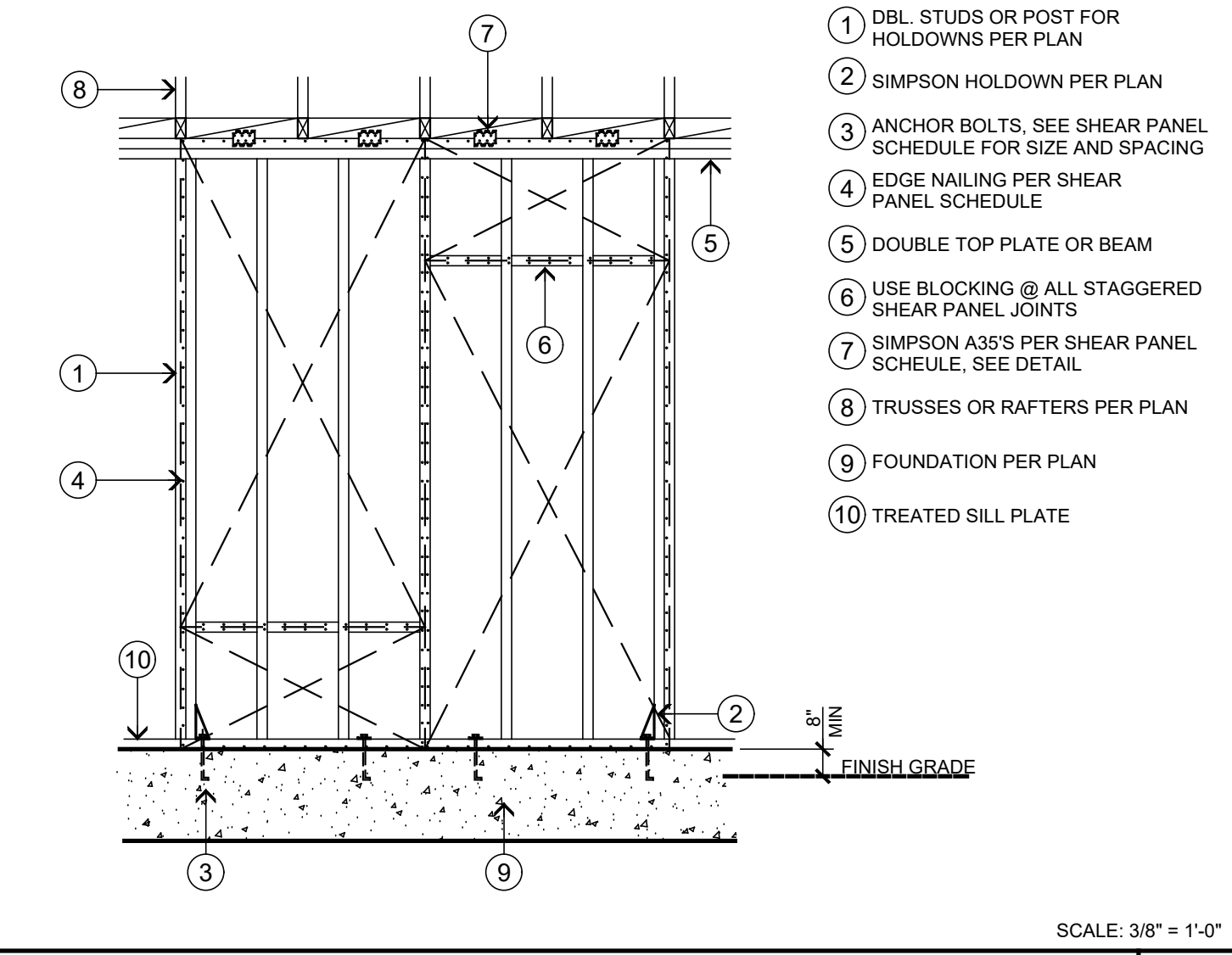
ROOF ACCESS DETAIL SCALE: 1/2" = 1'-0"



STUCCO EXPANSION JOINTS NOT TO SCALE



TOP PLATE SPlice NOT TO SCALE

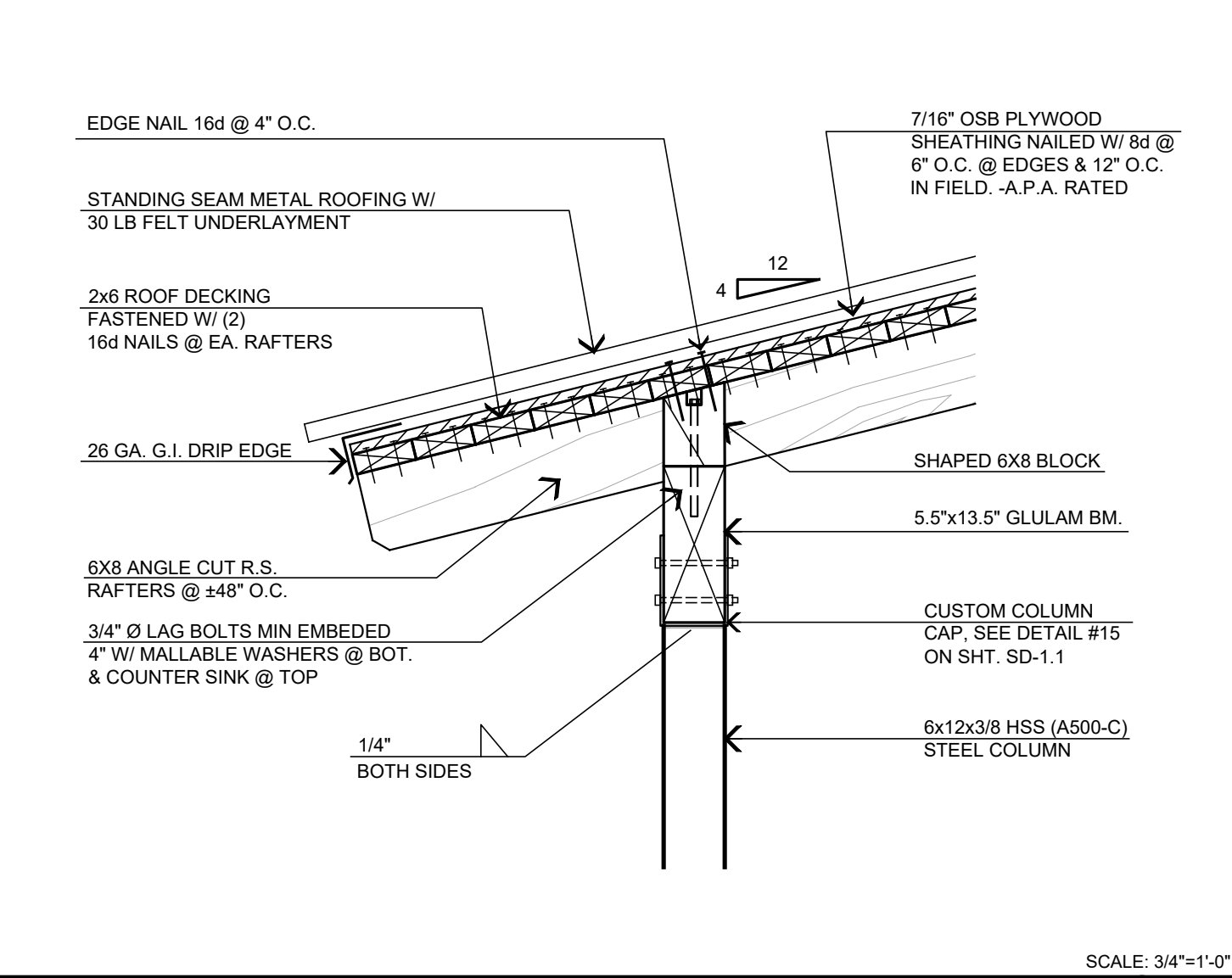


TYP. SHEAR WALL FRAMING SCALE: 3/8" = 1'-0"

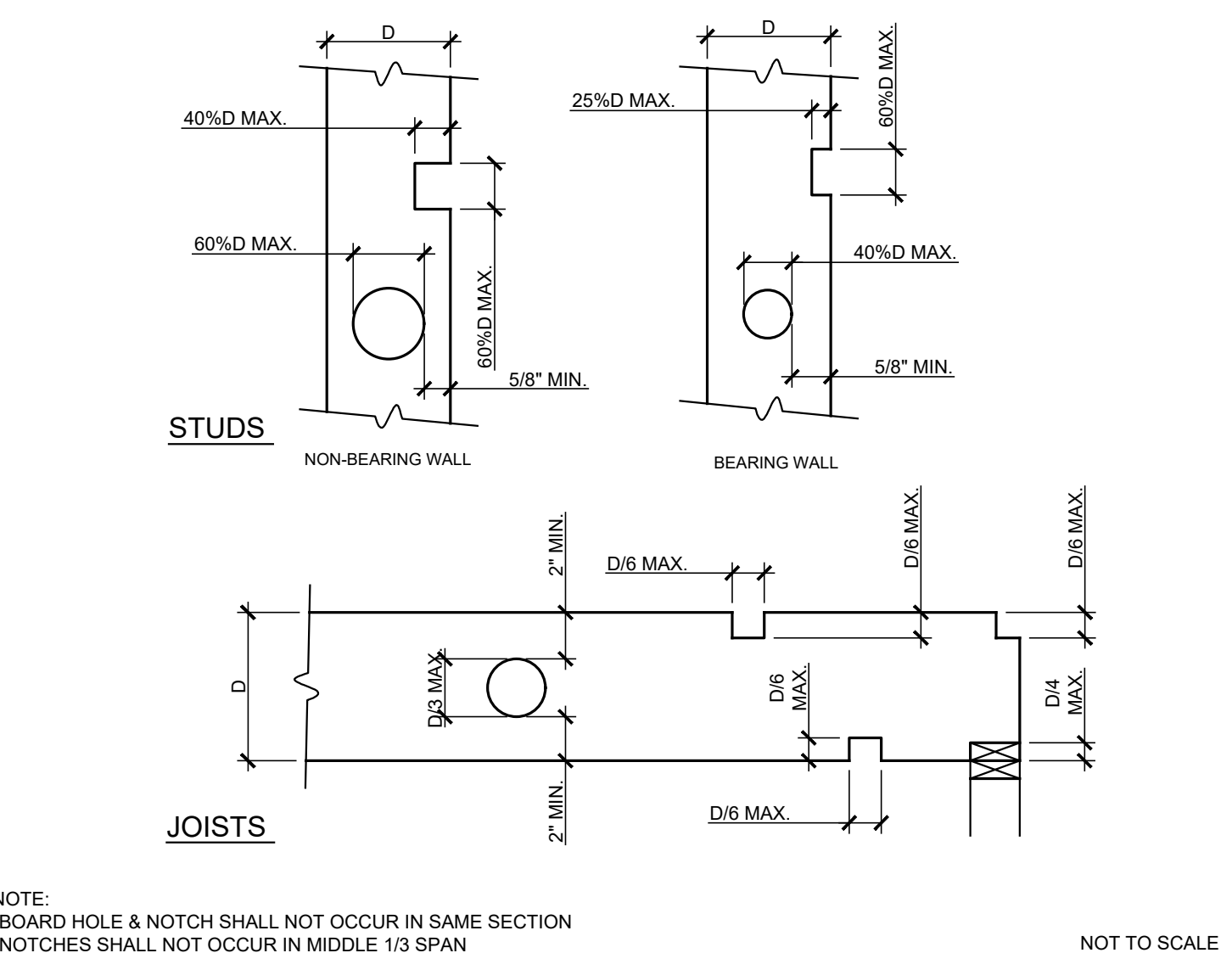
RAFTER TO WALL CONNECTION DETAIL SCALE: 1" = 1'-0"

NAILING SCHEDULE (IN COMPLIANCE WITH CBC TABLE)

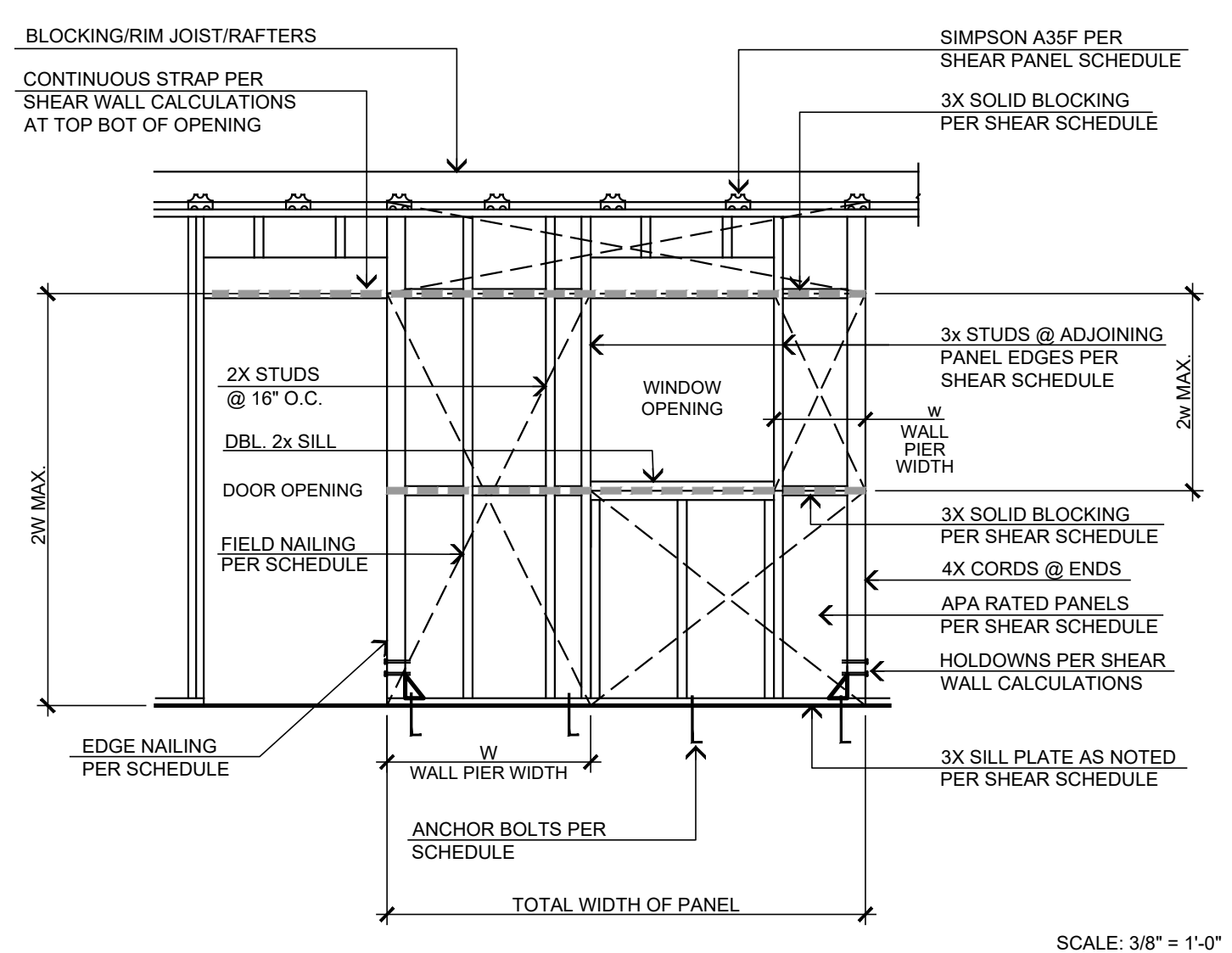
CONNECTION	NAILING
JOIST TO SILL OR GIRDER, TOE NAIL	3-8d
BRIDGING TO JOIST, TOE NAIL EACH END	2-8d
12x6 SUB FLOOR OR LESS TO EACH JOIST, FACE NAIL WIDER THAN 1" x 8" SUB FLOOR TO EACH JOIST, FACE NAIL	3-8d
2" SUB FLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL	1-16d
SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL AT 16" O.C.	2-16d
STUD TO SOLE PLATE, TOE NAIL	4-8d
DOUBLE STUDS, FACE NAIL @ 24" O.C.	1-16d
DOUBLE TOP PLATES, FACE NAIL @ 16" O.C.	1-16d
8-16d	8-16d
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOE NAIL	3-8d
COLLAR TIE TO RAFTER, TOE NAIL @ 6" O.C.	1-8d
TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	2-16d
CONTINUOUS HDRS, TWO PIECES ALONG EACH EDGE AT 16" O.C.	1-16d
CEILING JOISTS TO PLATE, TOE NAIL	3-8d
CONTINUOUS HDRS TO STUD, TOE NAIL	3-16d
CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	3-8d
1" BRACE TO EACH STUD AND PLATE, FACE NAIL	2-8d
1" x 8" SHEATHING TO EACH BEARING, FACE NAIL	3-8d
WIDER THAN 1" x 8" SHEATHING TO EACH BEARING, FACE NAIL	3-8d
BUILT-UP CORNER STUDS: NAIL AT 24" O.C.	1-16d
BUILT-UP GIRDER AND BEAMS, T&B STAGGERED ON OPPOSITE SIDES	1-20d
2" PLANKS AT EACH BEARING	1-16d
COLLAR TIE TO RAFTER, TOE NAIL	3-10d
JACK RAFTER TO HIP, TOE NAIL	3-10d
ROOF RAFTER TO 2-BY RIDGE BEAM, TOE NAIL	2-16d
JOIST TO BAND JOIST, FACE NAIL	3-16d
LEADER STRIP, FACE NAIL	3-16d
WOOD STRUCTURAL PANELS AND PARTICLE-BOARD SUB-FLOOR, ROOF AND WALL SHEATHING (TO FRAMING)	1-12" AND LESS
	19/32" TO 3/4"
	7/8" TO 1"
	1" 10" TO 1 1/4"
SINGLE FLOOR (SUBFLOOR-UNDERLAY TO FRAMING)	1-8d
	3/4" AND LESS
	7/8" TO 1"
	1 1/8" TO 1 1/4"
PANEL SIDING (TO FRAMING)	1-6d
	12" AND LESS
	5/8"
FIBERBOARD SHEATHING	1-2"
	1-6d
	1-8d
	1-4d
INTERIOR PANELING	1-4"
	3/8"



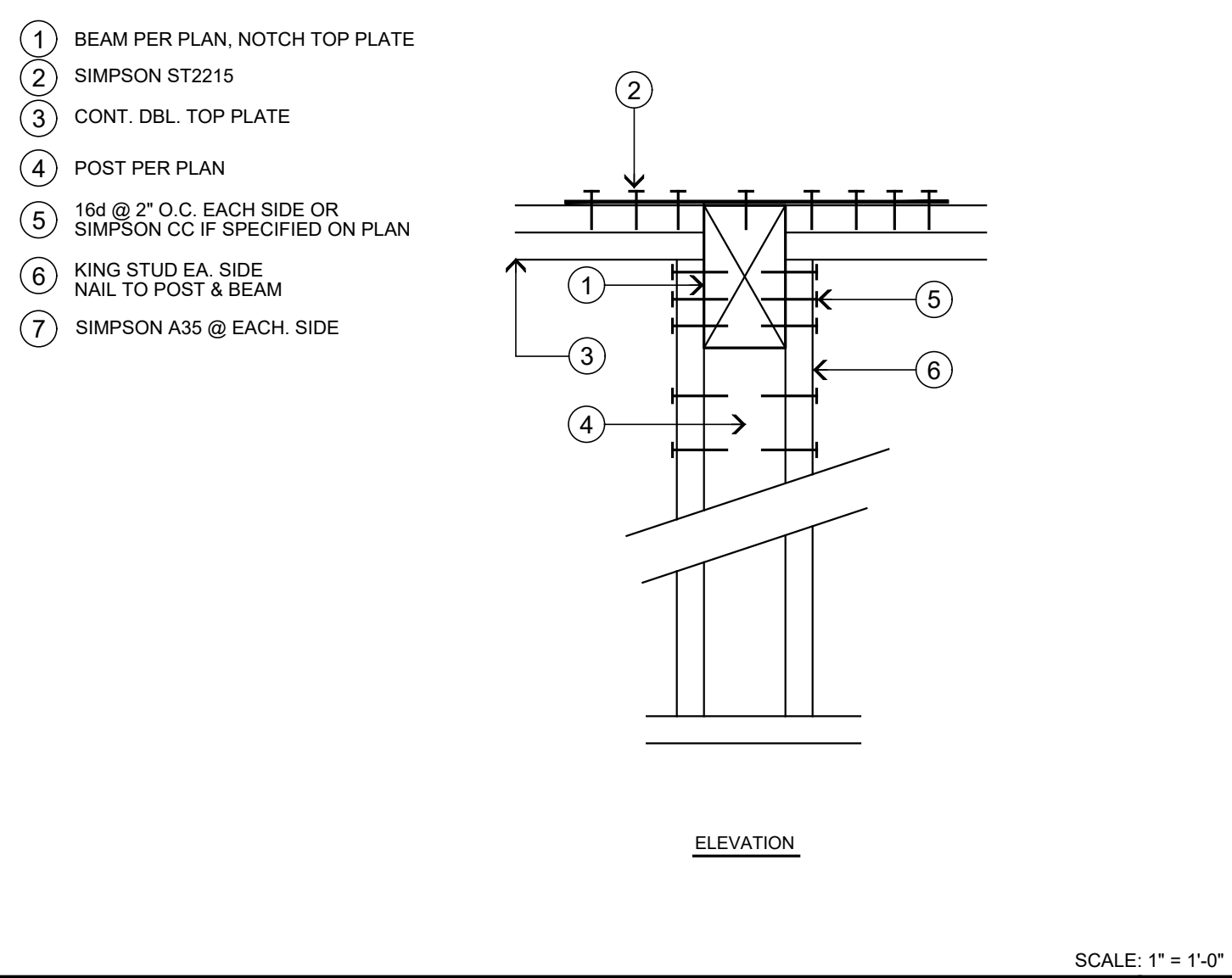
POST TO BEAM CONNECTION DETAIL SCALE: 3/4" = 1'-0"



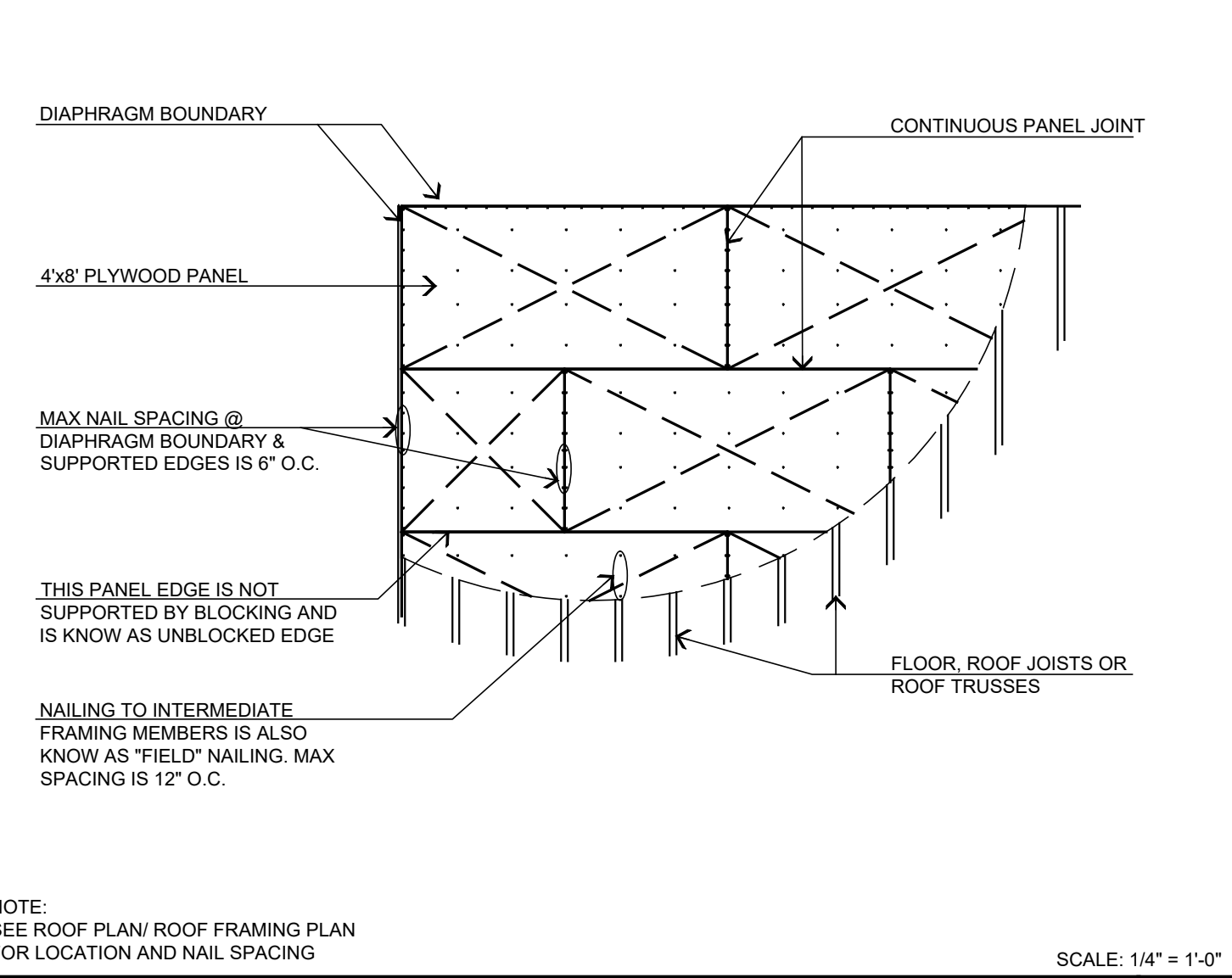
STUD & JOIST NOTCHING AND BORING NOT TO SCALE



WALL PIER CONSTRUCTION SCALE: 3/8" = 1'-0"



BEAM TO WALL CONNECTION DETAIL SCALE: 1/4" = 1'-0"



UNBLOCKED HORIZ. ROOF DIAPHRAGM SCALE: 1/4" = 1'-0"

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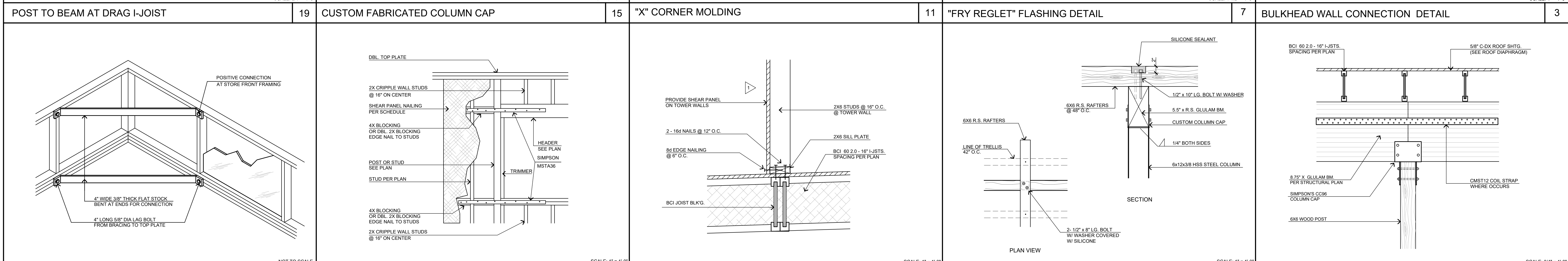
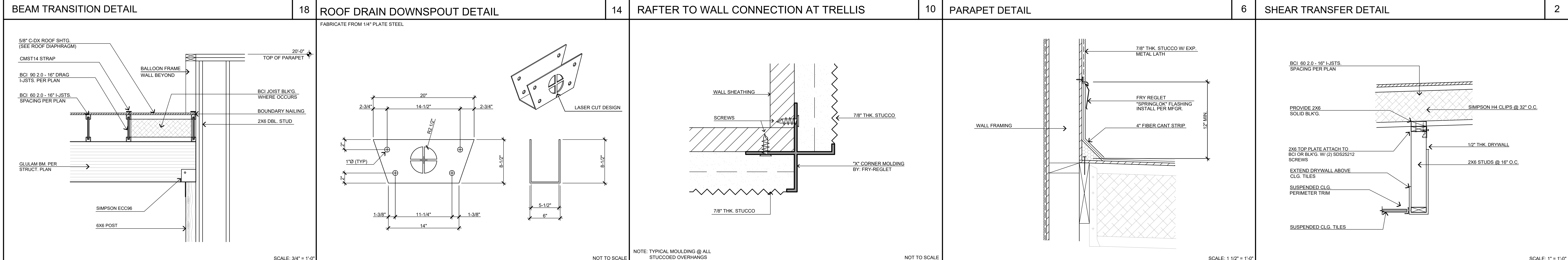
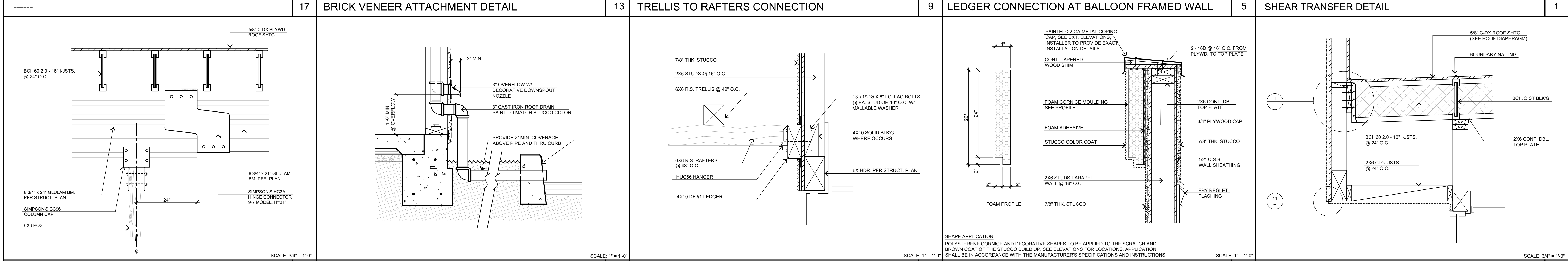
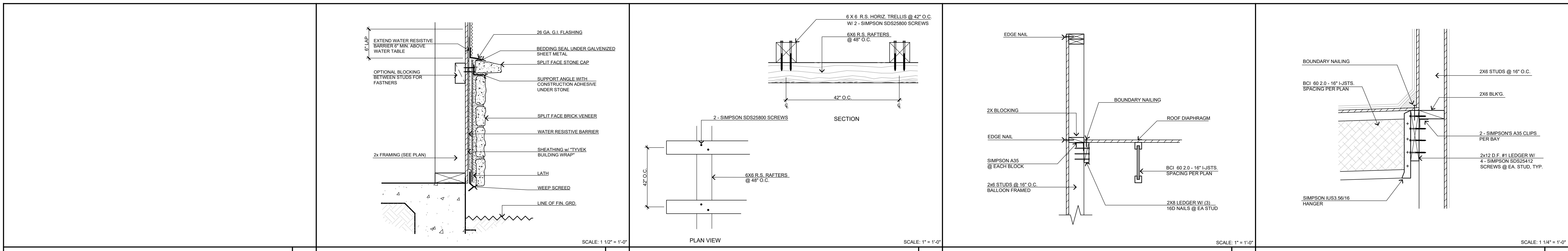
DATE FINISHED
MAY 2022

REVISIONS
 1. DEV. CODE 02/14/22
 2. BLDG. CODE 02/14/22
 3. ELECTRICAL 09/30/22
 4. MECHANICAL 09/30/22
 5. STRUCTURAL 01/24/2023

PROFESSIONAL ARCHITECT
 STATE OF CALIFORNIA
 No. 22448
 EXPIRES 12/31/2025

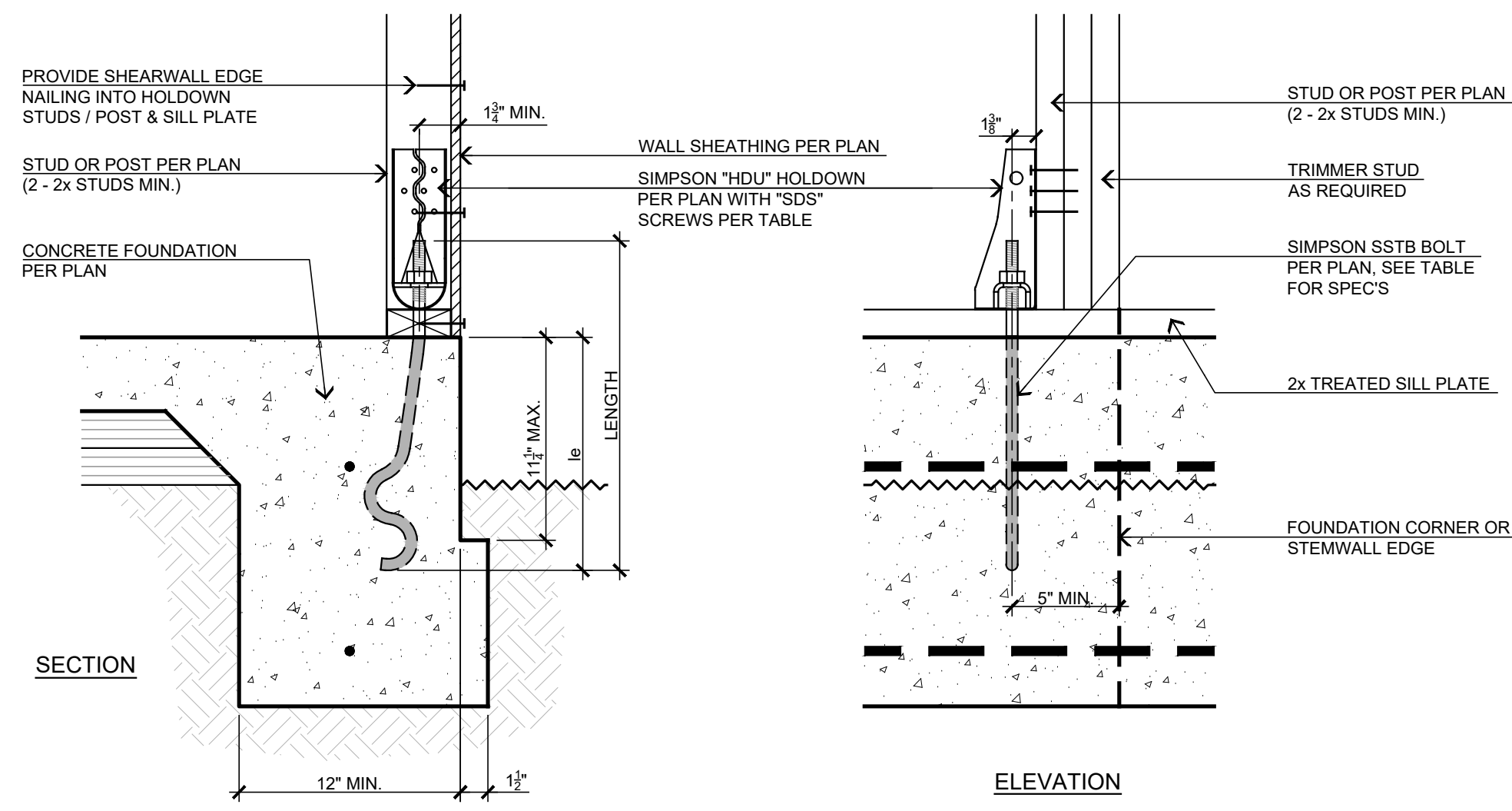
PROJECT: CIVIC CENTER BUILDING
PHELAN PIÑON HILLS C.S.D.
 SHEET NO. COM20-L01/01
 SHEET NAME: STRUCTURAL DETAILS
 JOB NO. COM20-L01/01
 PAGE SD-1

CONTACT
DON BARTZ

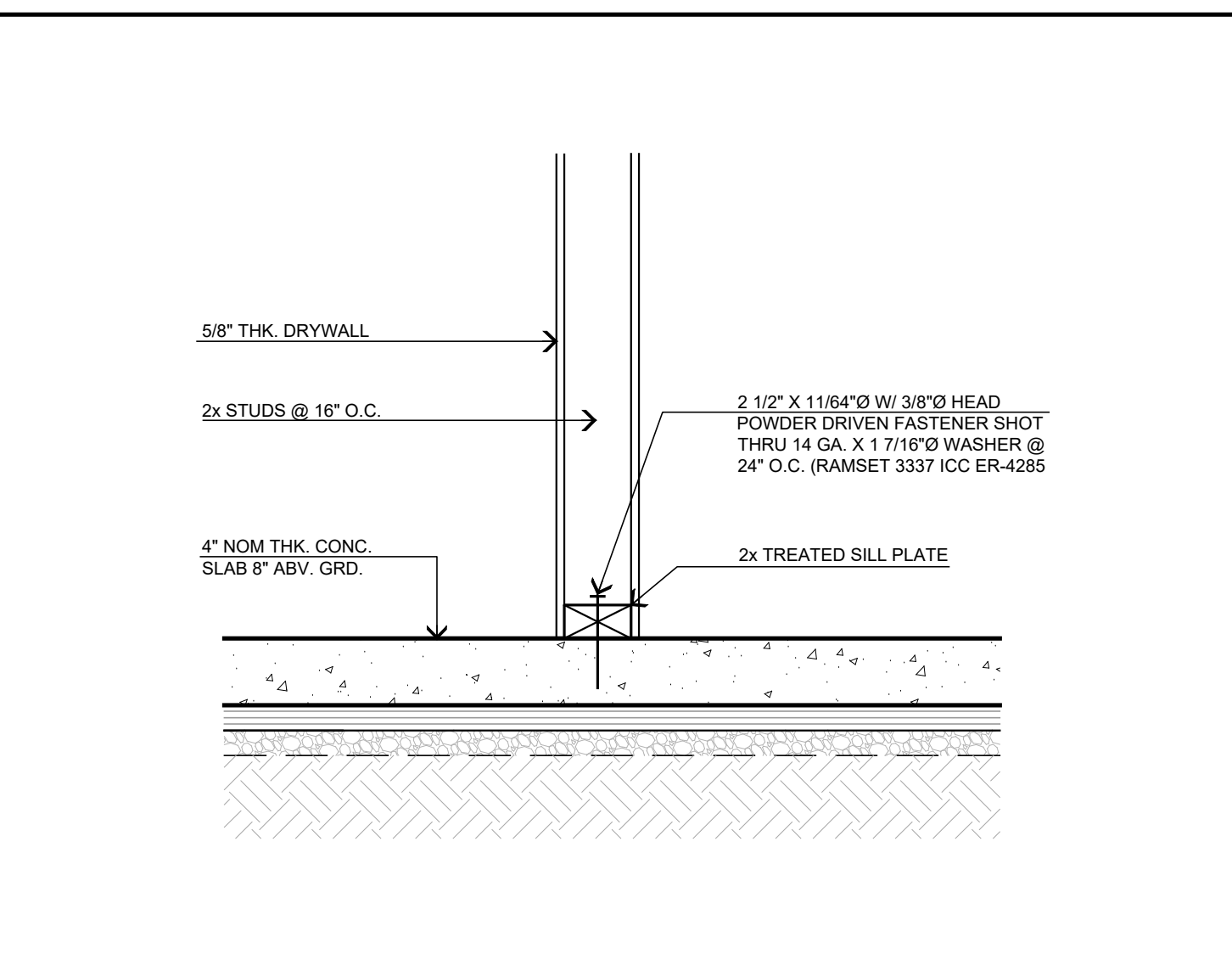


	DATE FINISHED MAY 2022	THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA BUILDING CODE WITH CHAPTER 22B, 2019 ENERGY STANDARDS.		PROJECT: CIVIC CENTER BUILDING	JOB NO. COM20-L01/01	PAGE
	REVISIONS DEV. CODE 02/14/22 BLDG. CODE 02/14/22 ELECTRICAL 09/30/22 MECHANICAL 10/07/22 STRUCTURAL 01/24/2023	THESE DOCUMENTS AND THE INFORMATION CONTAINED HEREIN ARE THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY USE, IN WHOLE OR IN PART, FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.		PHELAN PIÑON HILLS C.S.D. SITE ADDRESS: A.P.N. 3066-261-10 9535 SHEEP CREEK ROAD PHELAN, CA 92379	CONTACT DON BARTZ	SHEET NAME: STRUCTURAL DETAILS

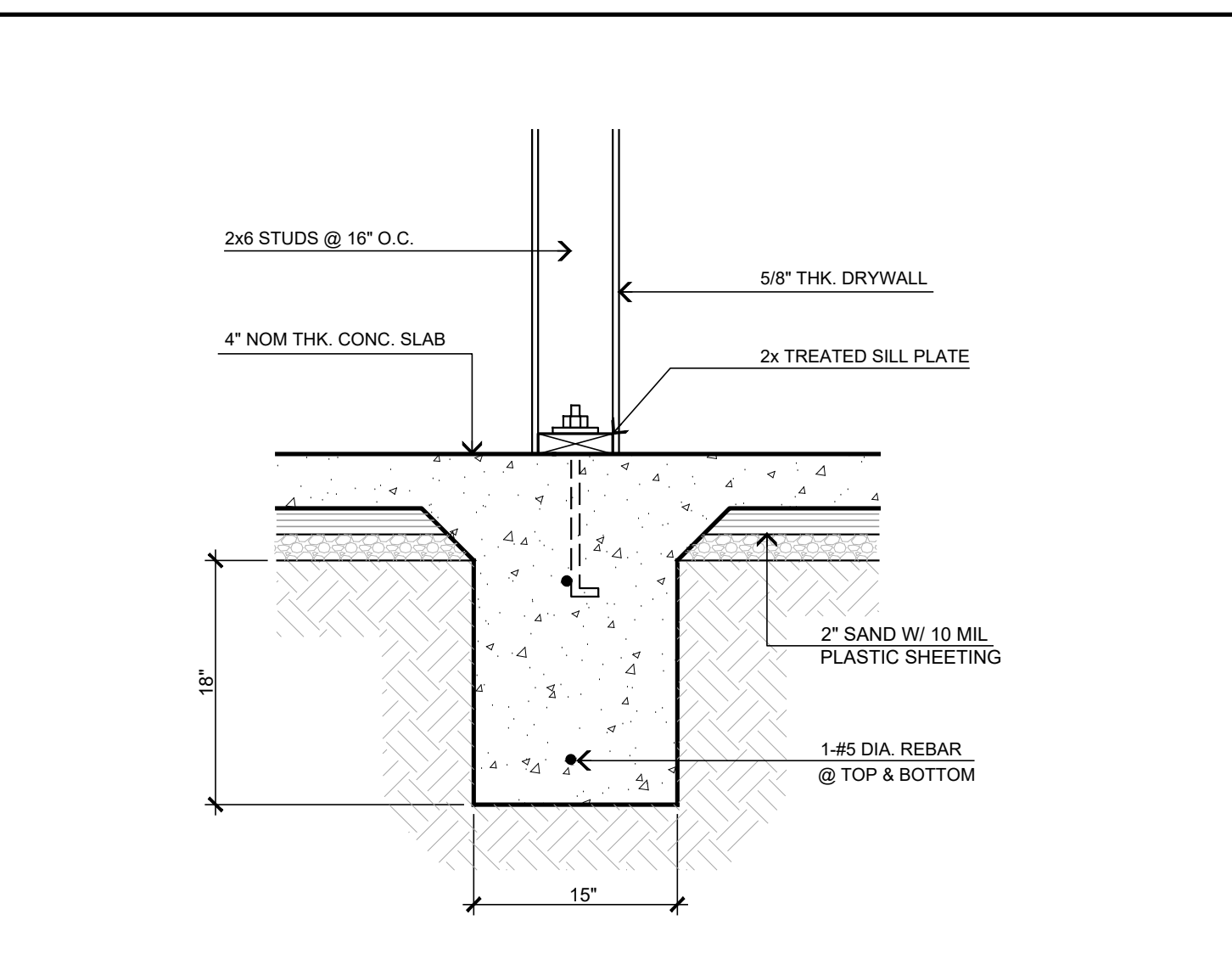
SIMPSON HDU TABLE			
MODEL NO.	ANCHOR DIA.	SDS SCREWS	MIN. WOOD MEMBER
HDU2	5/8"	6-SDS 1/2" x 2"	3" (2-2x)
HDU4	5/8"	10-SDS 1/2" x 2"	3" (2-2x)
HDU5	5/8"	14-SDS 1/2" x 2"	3" (2-2x)
HDU8	7/8"	20-SDS 1/2" x 2"	3 1/2"
HDU11	1"	30-SDS 1/2" x 2"	5 1/2"
HDU14	1"	36-SDS 1/2" x 2"	7 1/4"



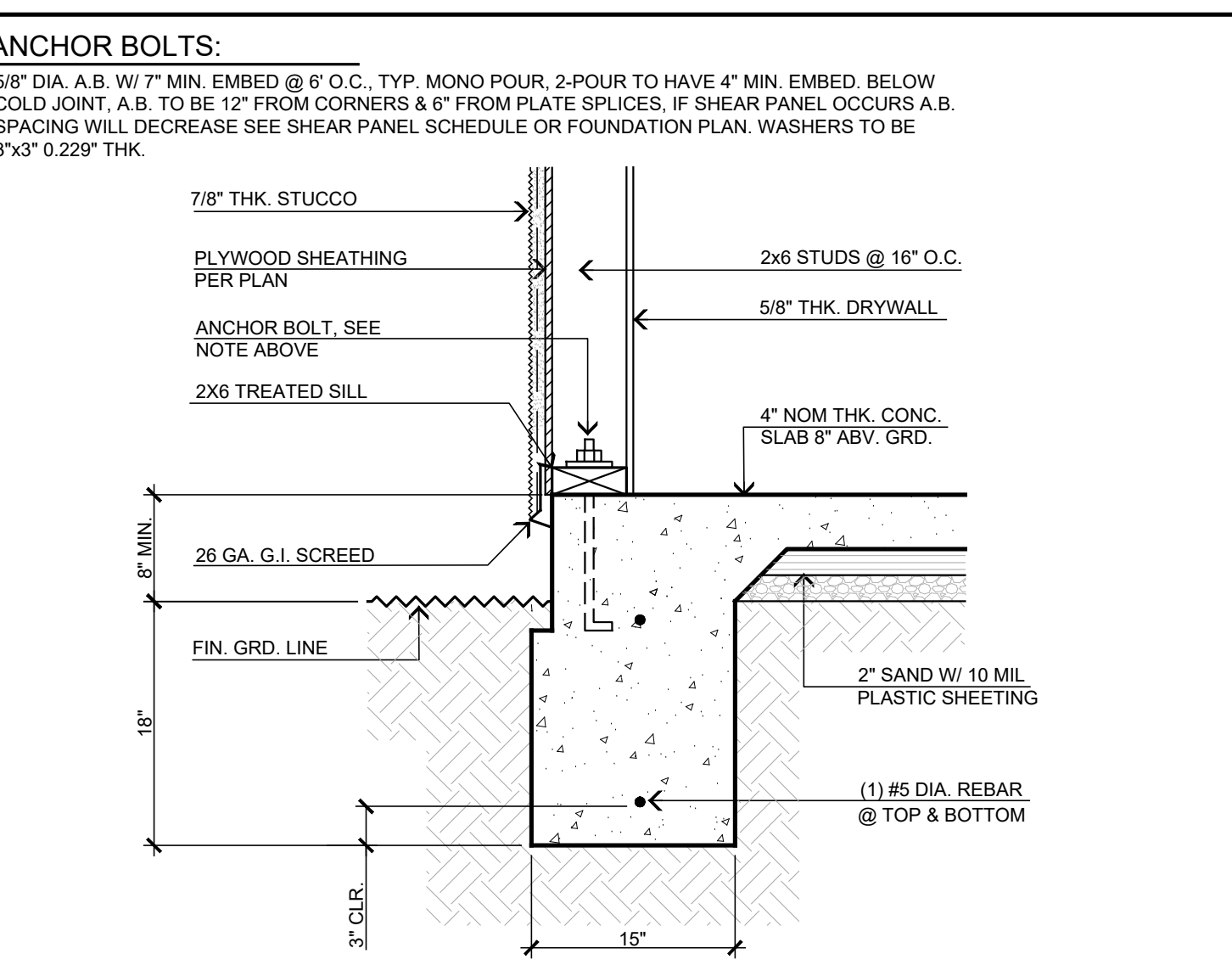
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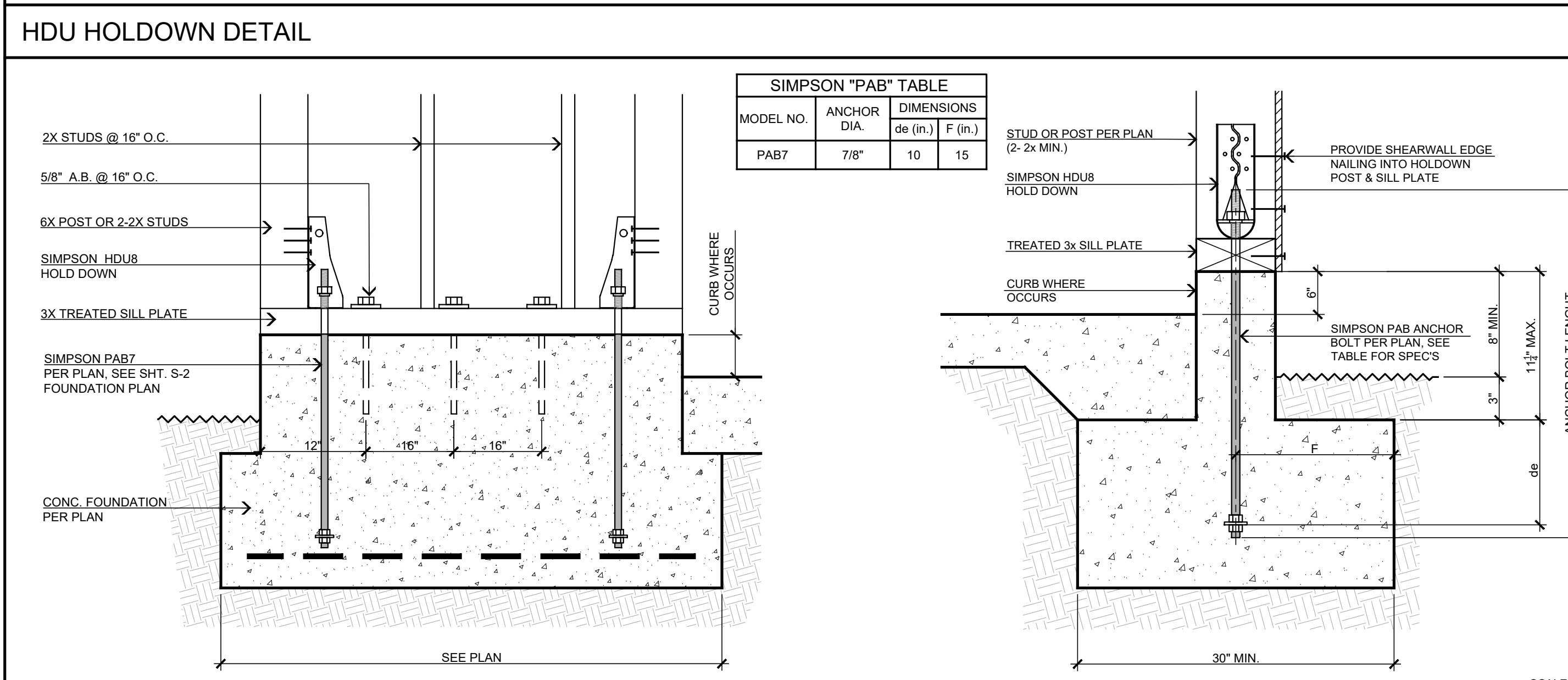
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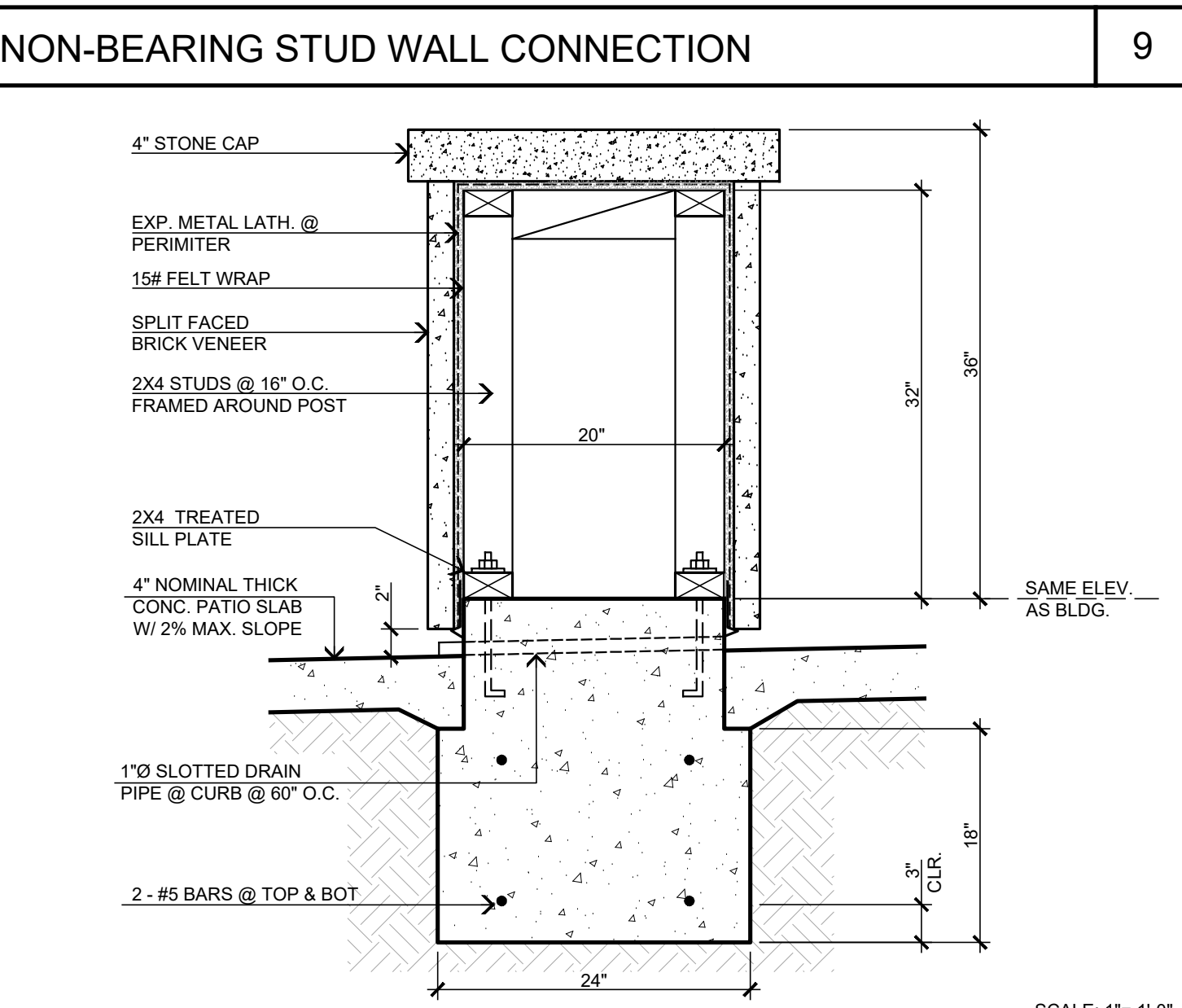
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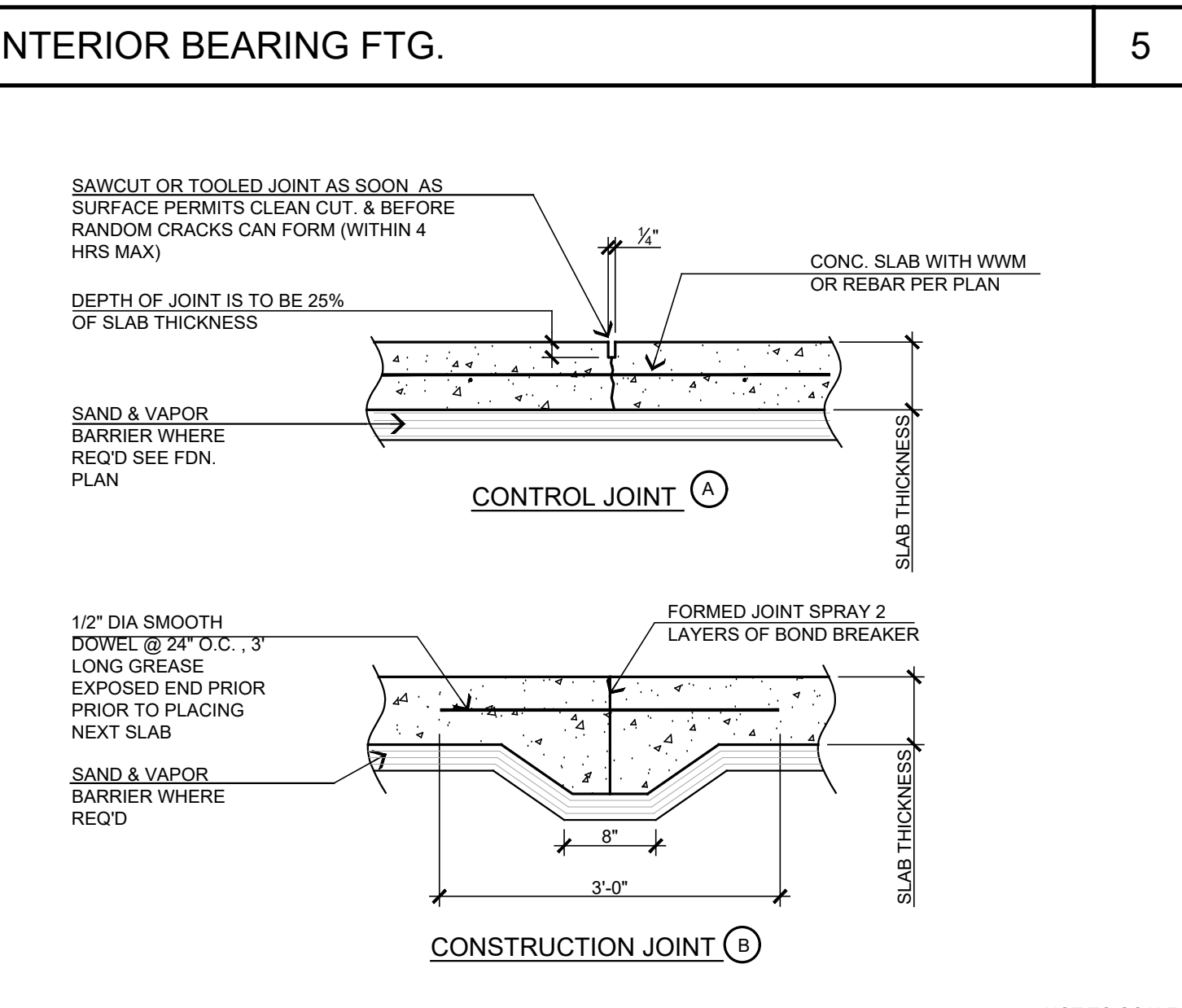
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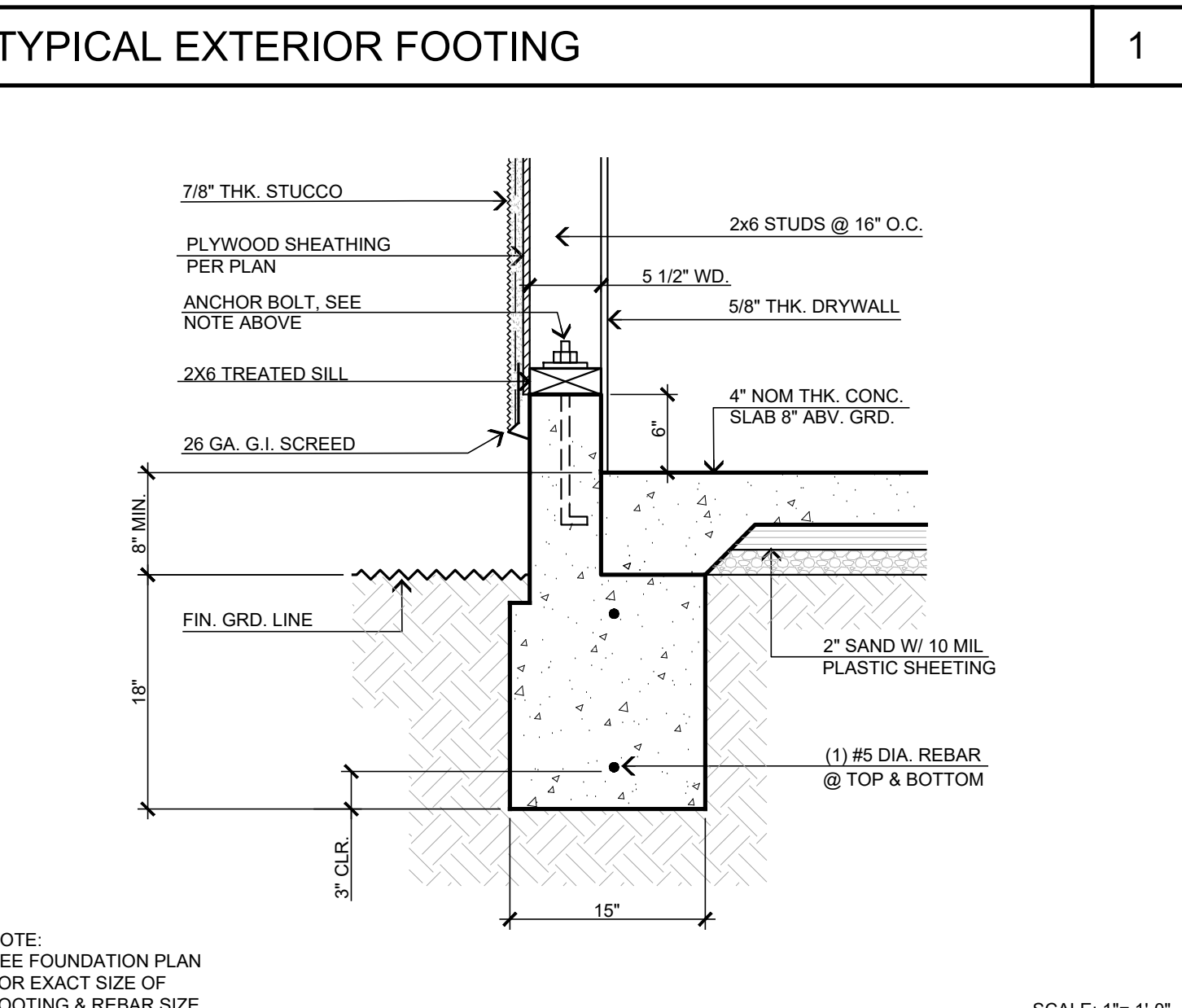
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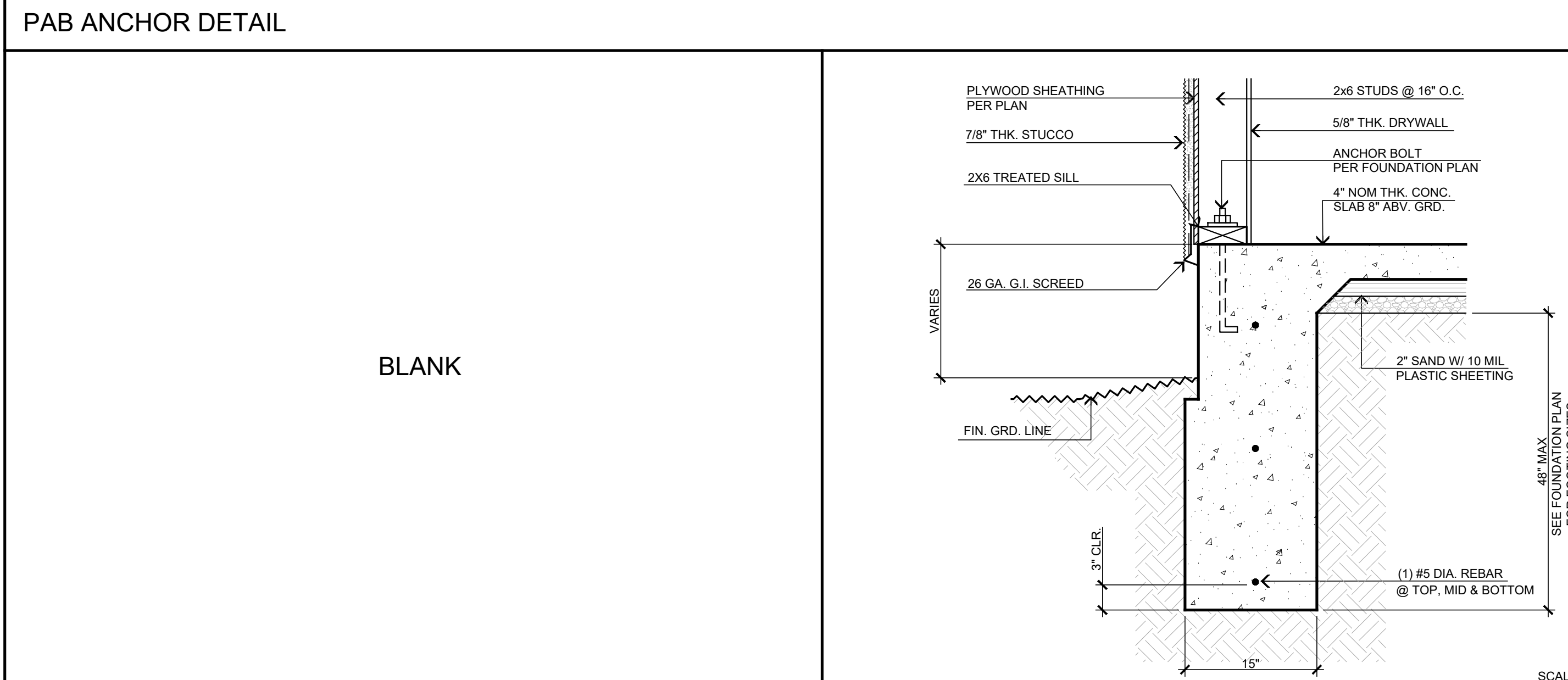
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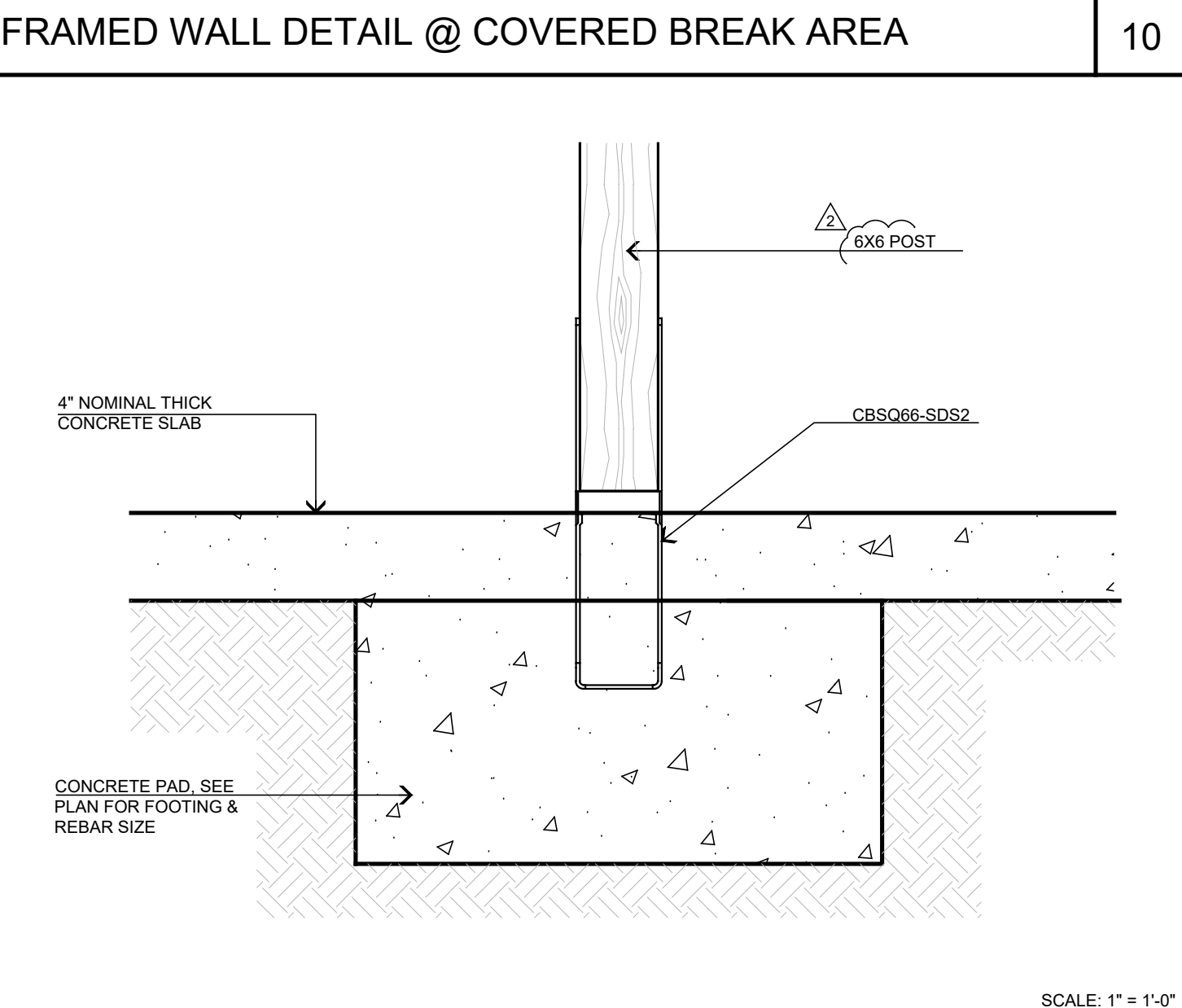
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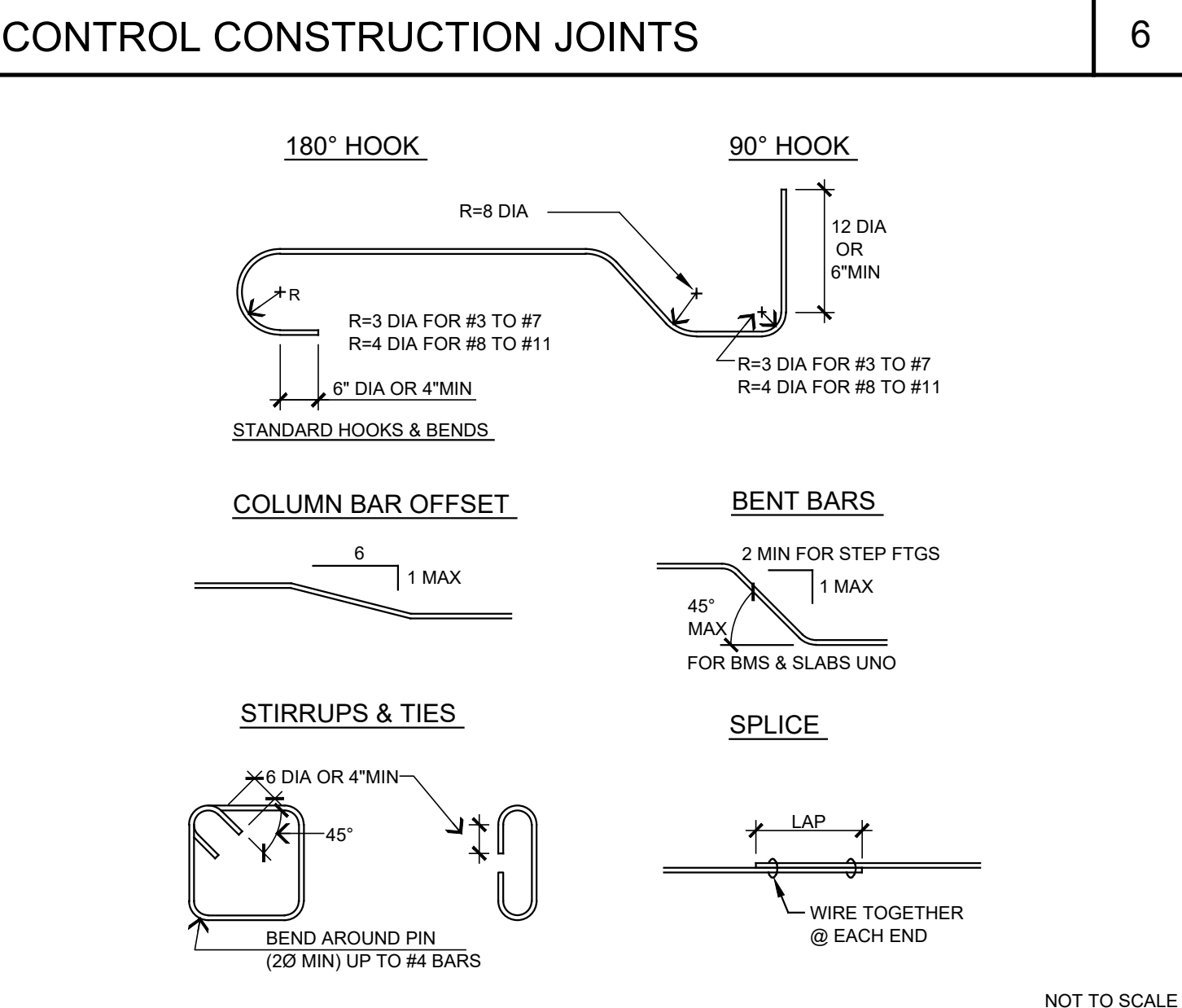
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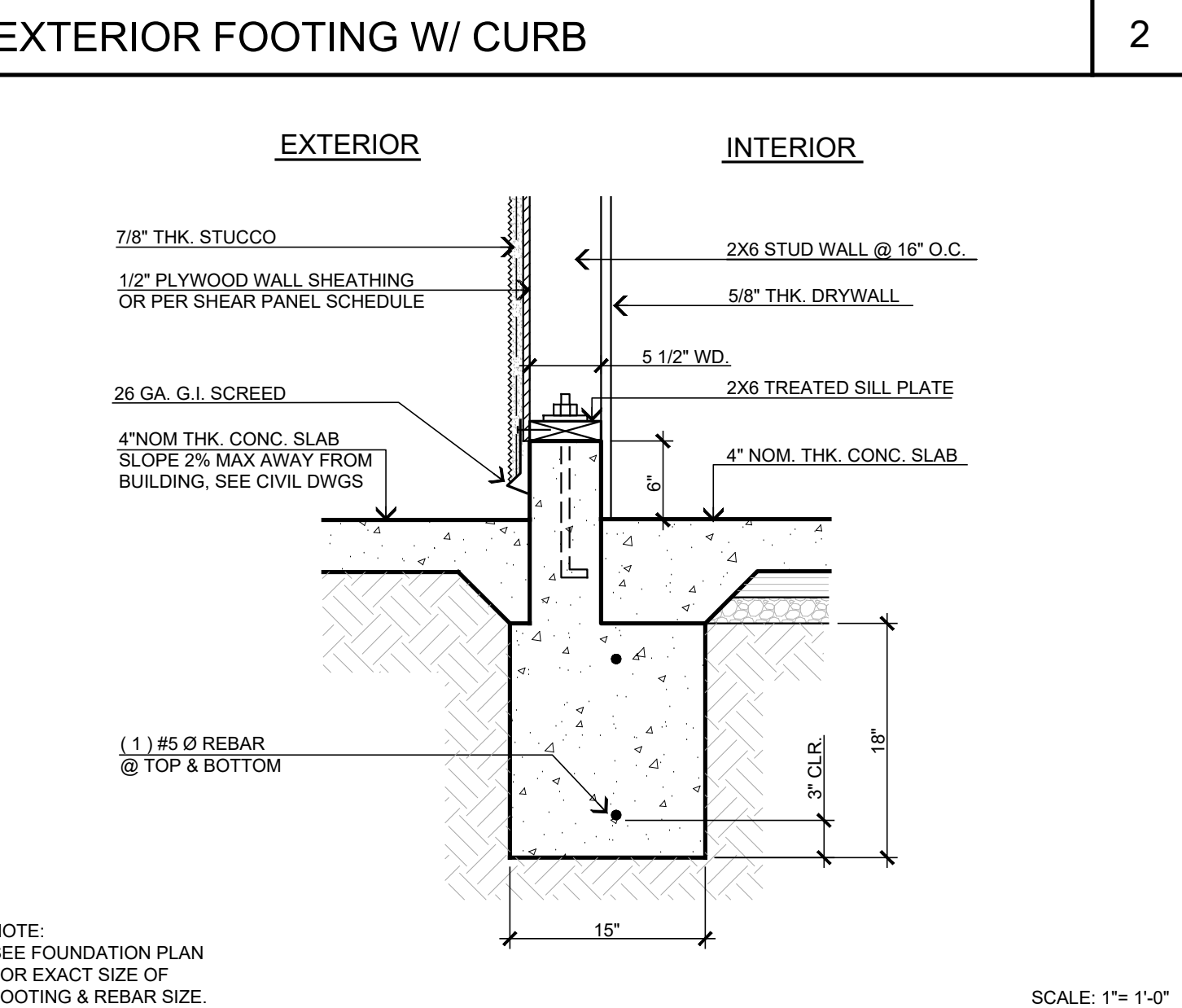
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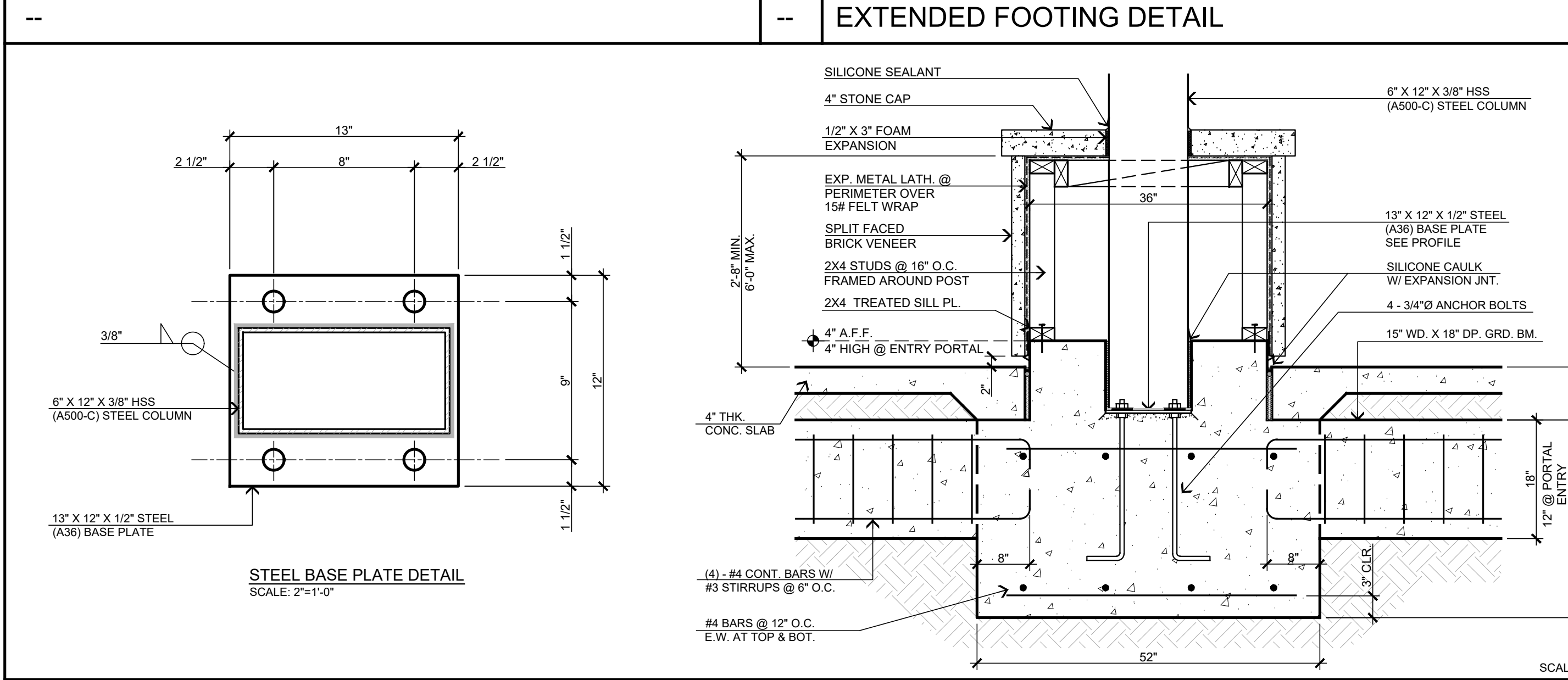
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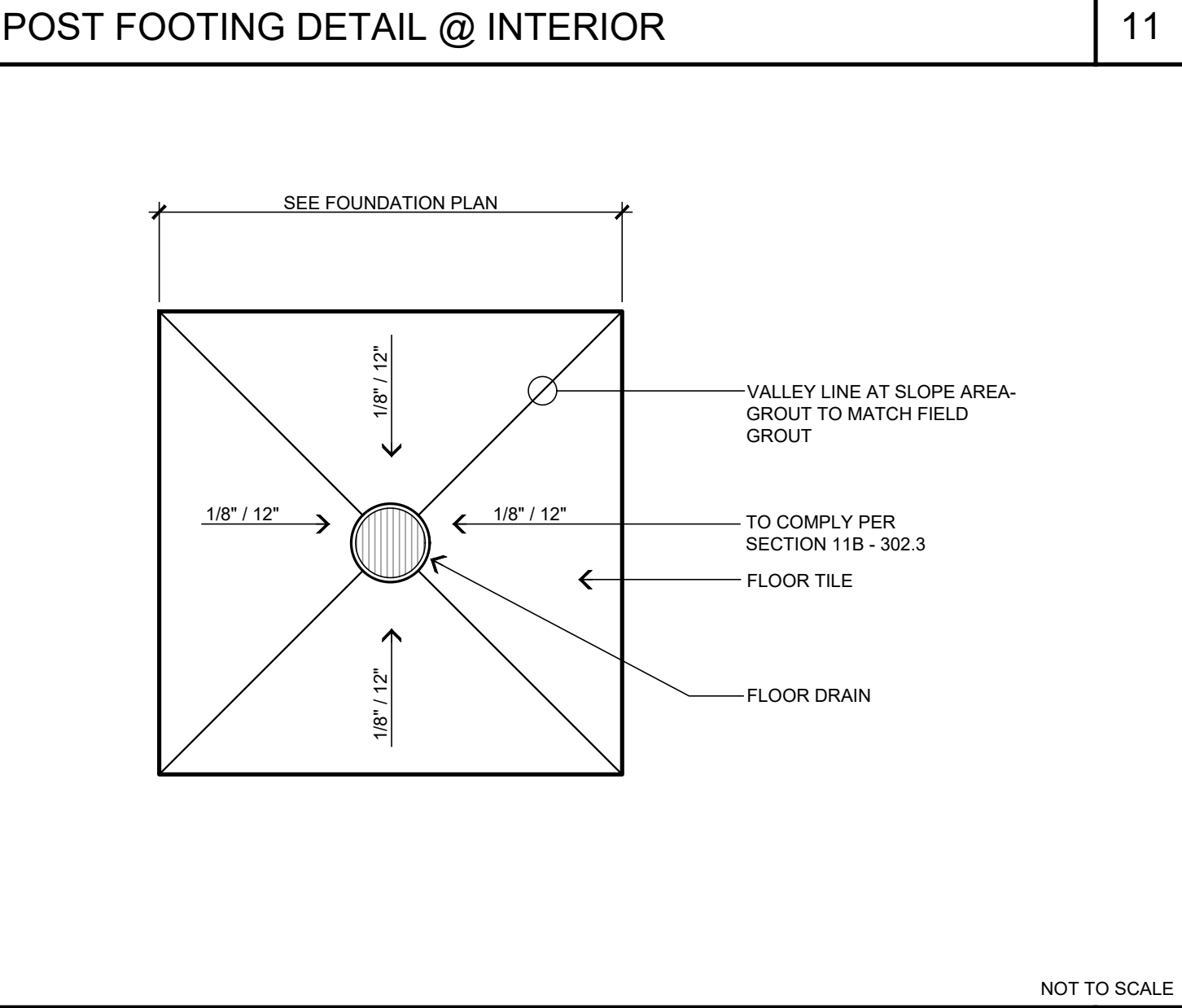
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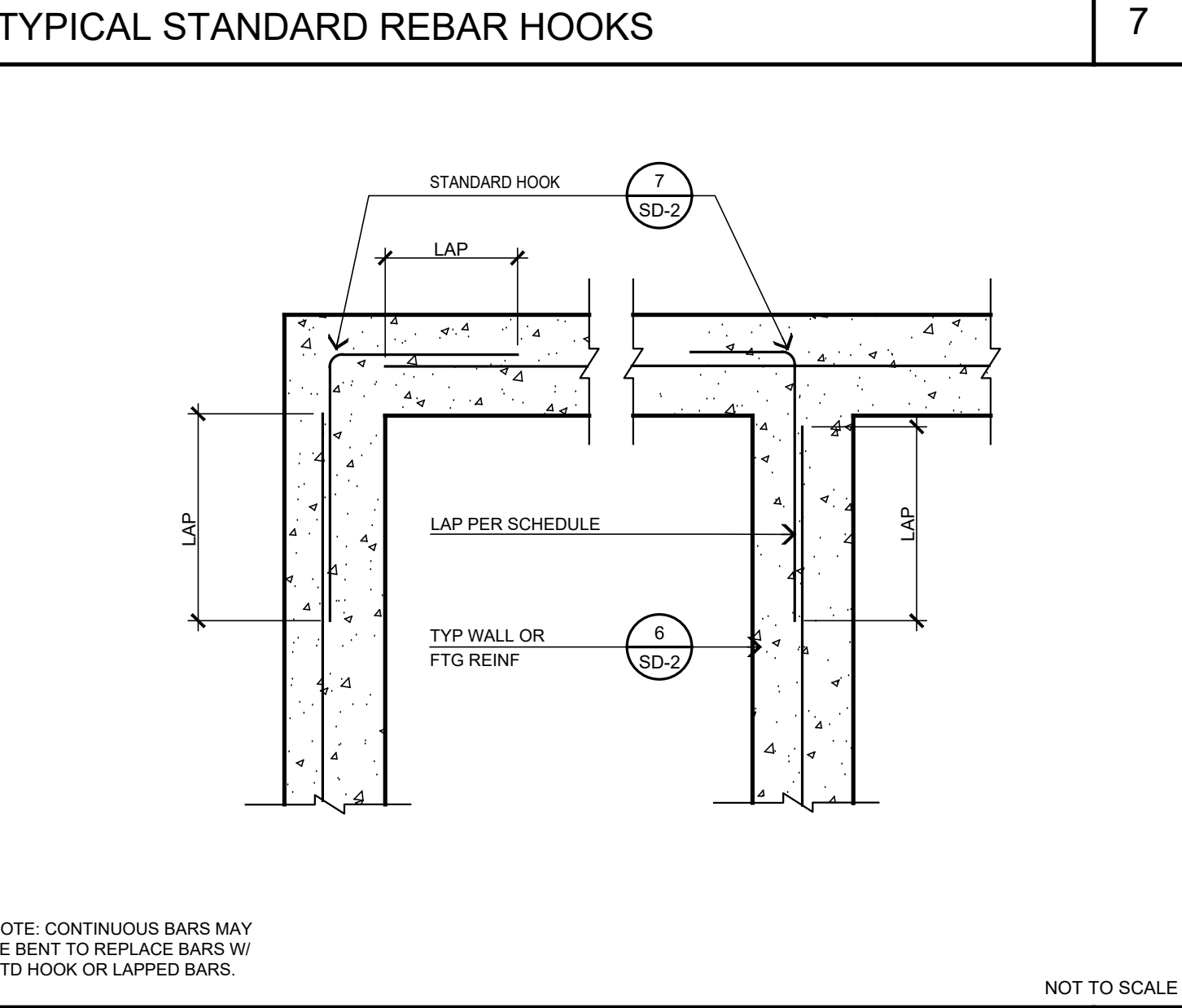
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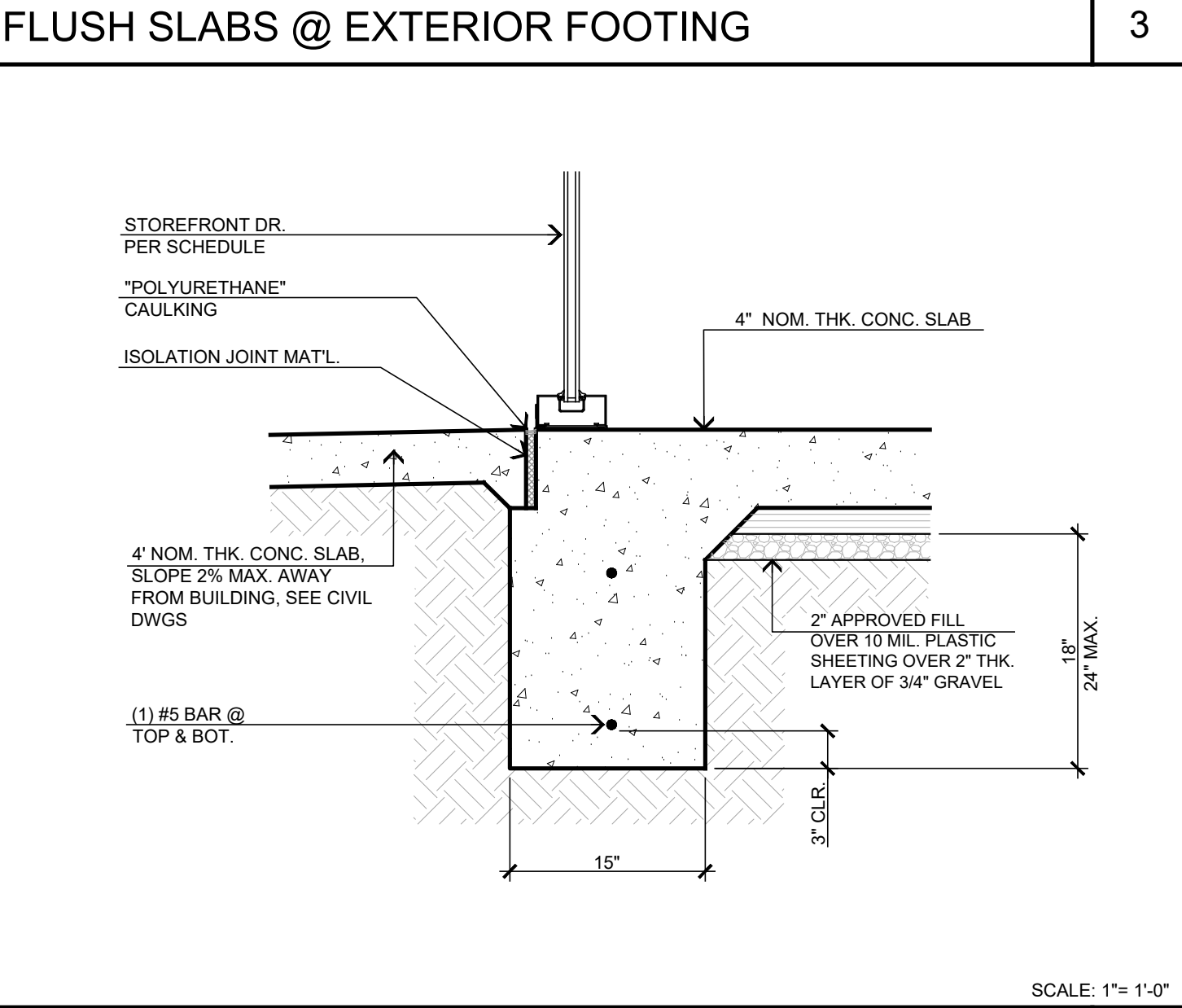
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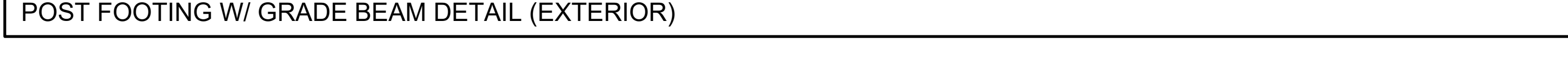
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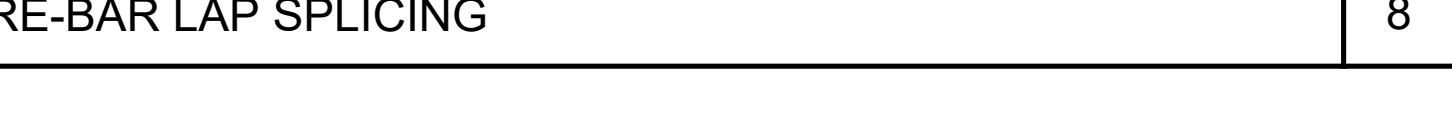
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SCALE: 3/4"=1'-0"



NOT TO SCALE



NOT TO SCALE



SCALE: 1"=1'-0"

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DATE FINISHED
MAY 2022

REVISIONS
 1. BLDG_CODE_02/14/22
 2. BLDG_CODE_02/14/22
 3. ELECTRICAL_09/30/22
 4. MECHANICAL_09/30/22
 5. STRUCTURAL_01/24/2023

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REGISTERED ARCHITECT
 PHILIP R. STEENO
 No. 26448
 State of California
 Exp. 2/28/25

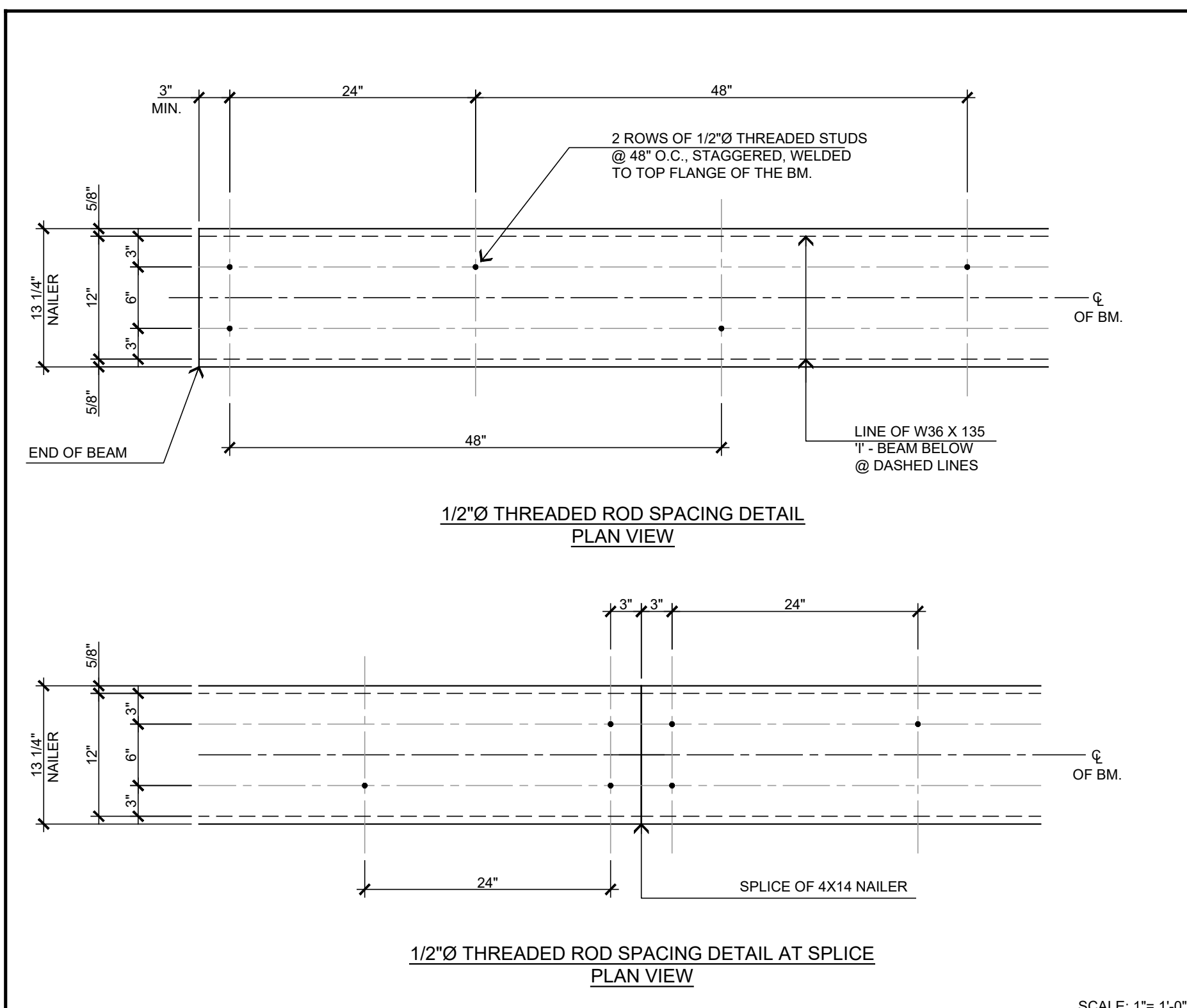
PROJECT: CIVIC CENTER BUILDING
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 SITE ADDRESS:
 A.P.N. 3066-261-10
 9533 SHEEP CREEK ROAD
 PHELAN, CA 92379

CONTACT
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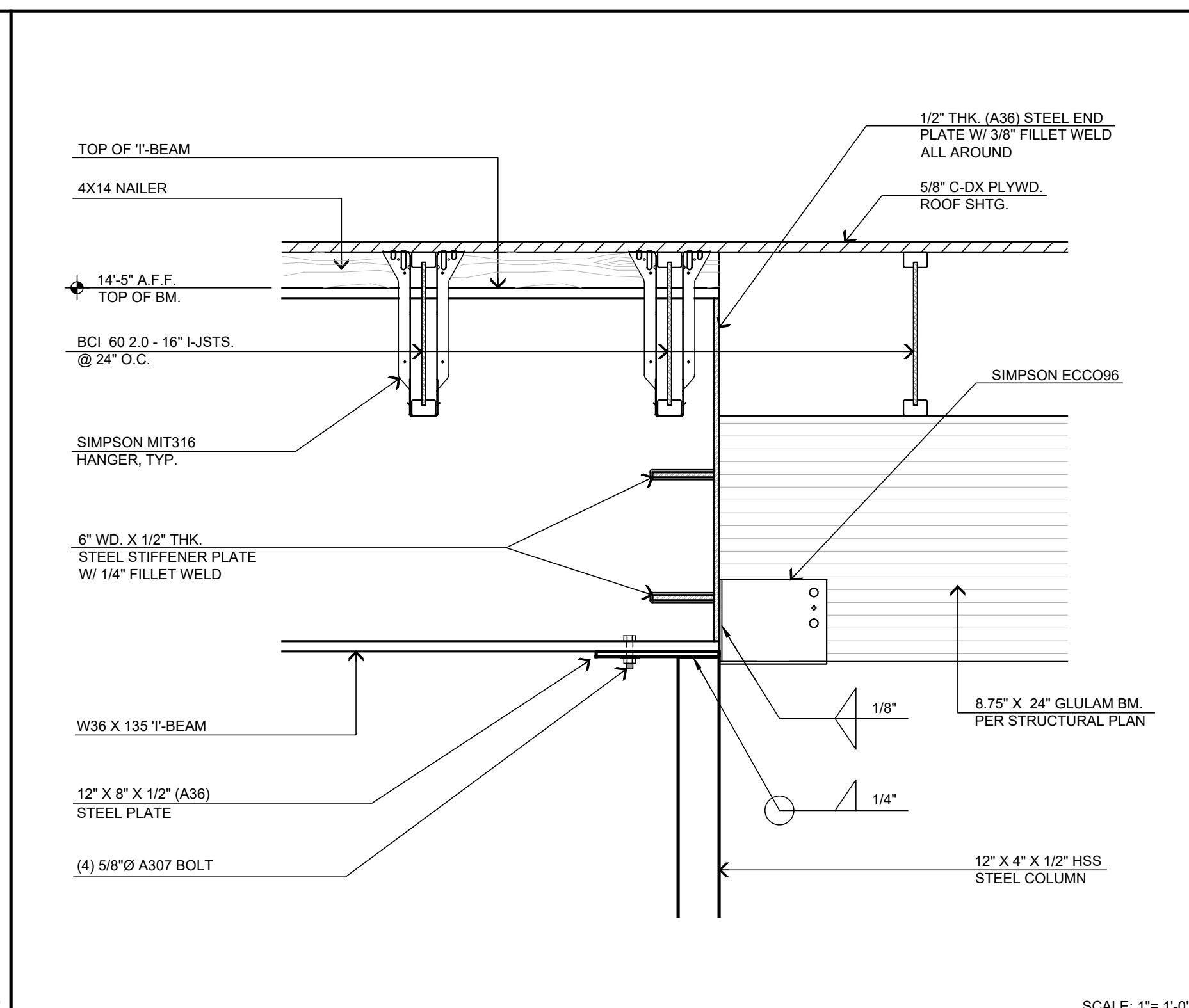
JOB NO.
COM20-L01/01

SHEET NAME:
FOUNDATION DETAILS

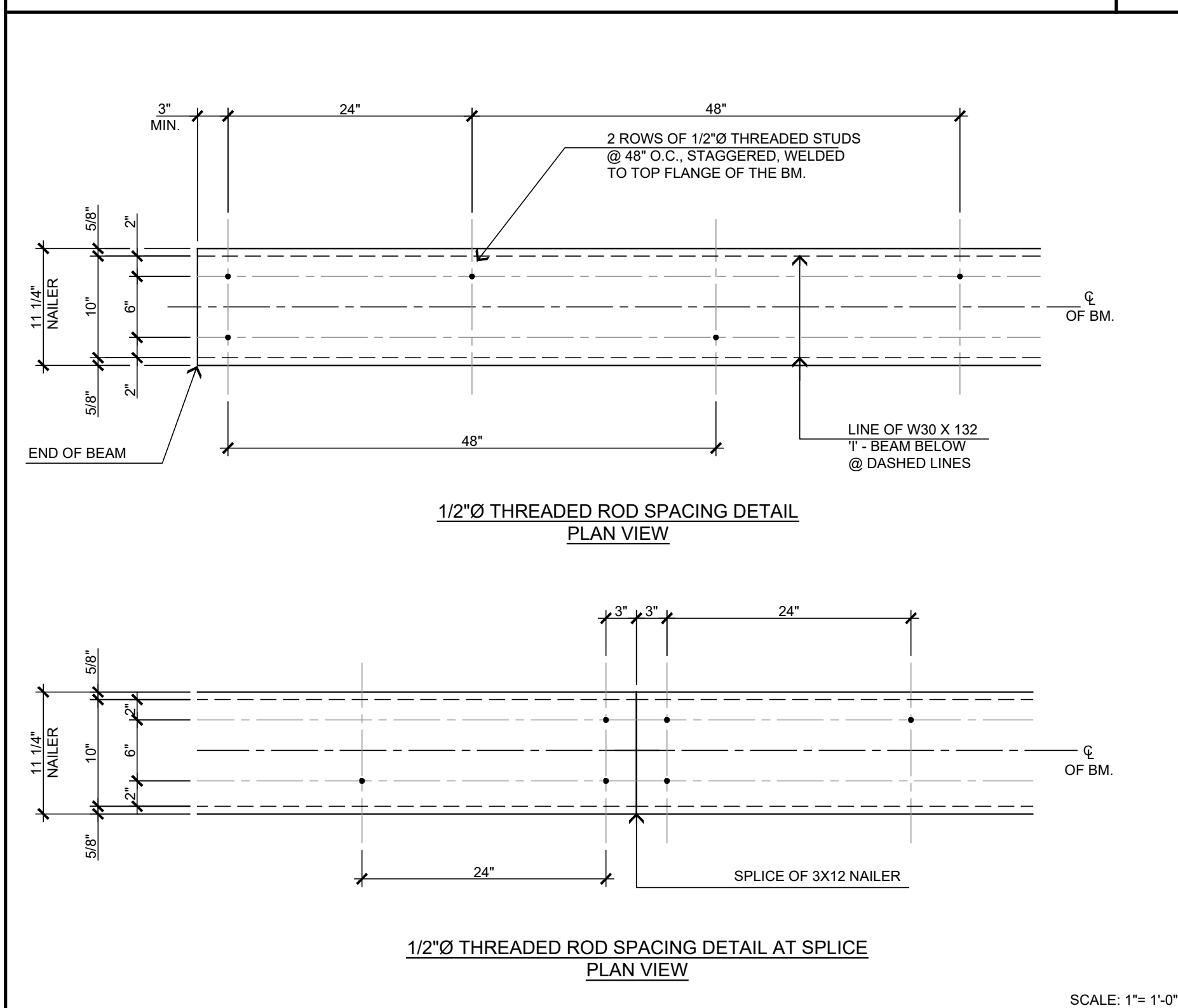
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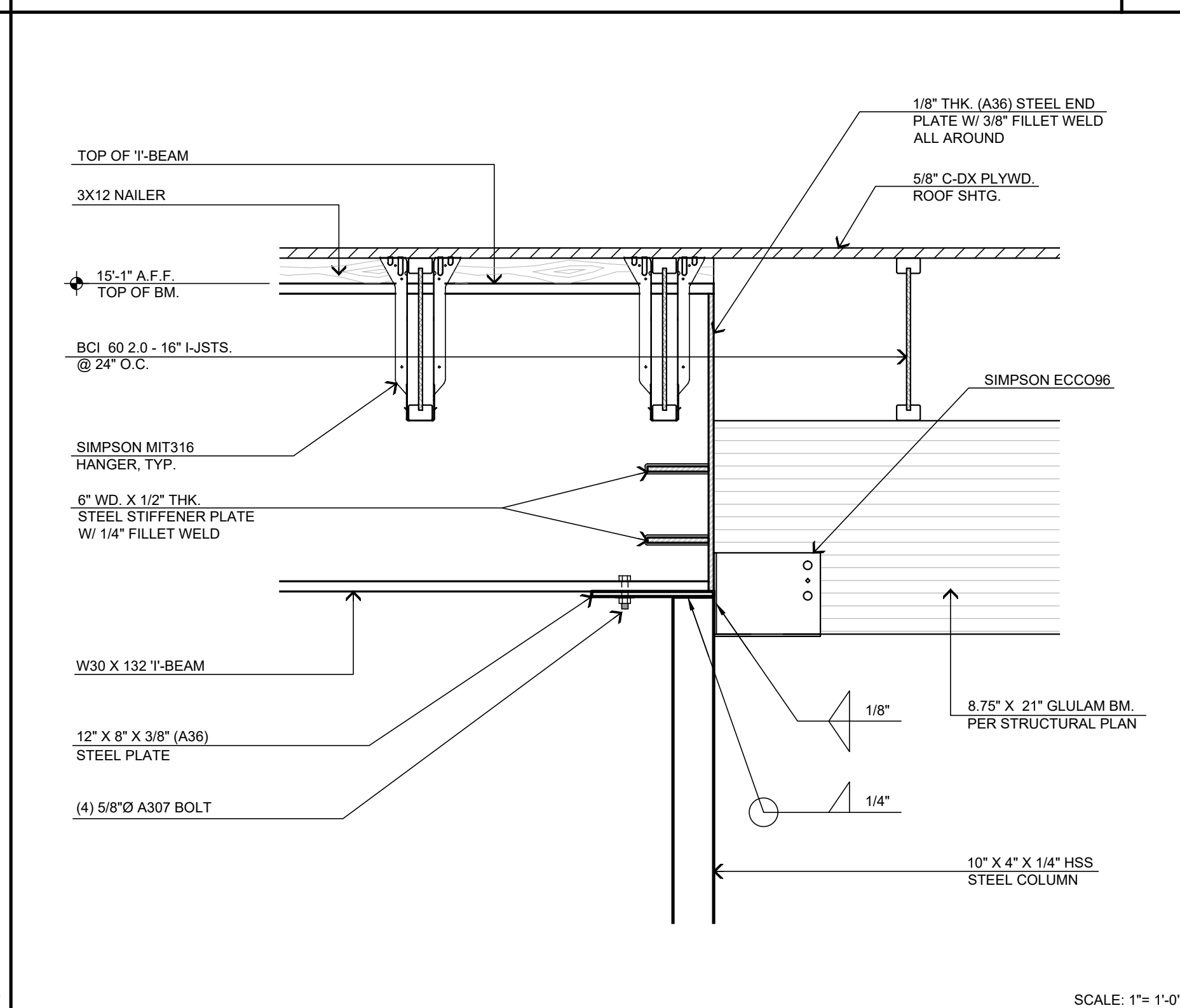
NAILER ATTACHMENT DETAIL @ B1/ NAILER ATTACHMENT AT SPLICE 6



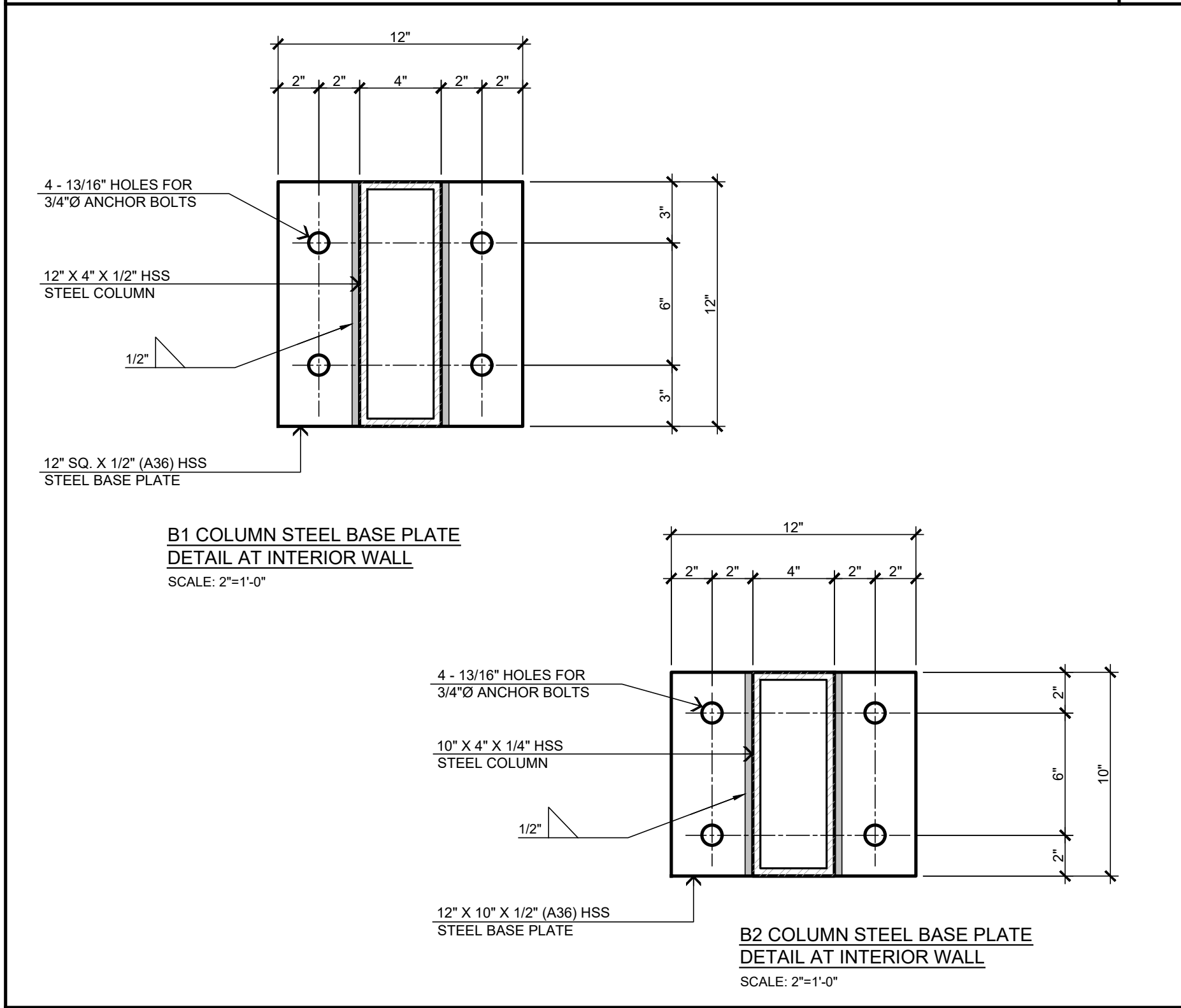
B1 TO B4 TRANSITION DETAIL AT STEEL COLUMN AT INTERIOR WALL 3



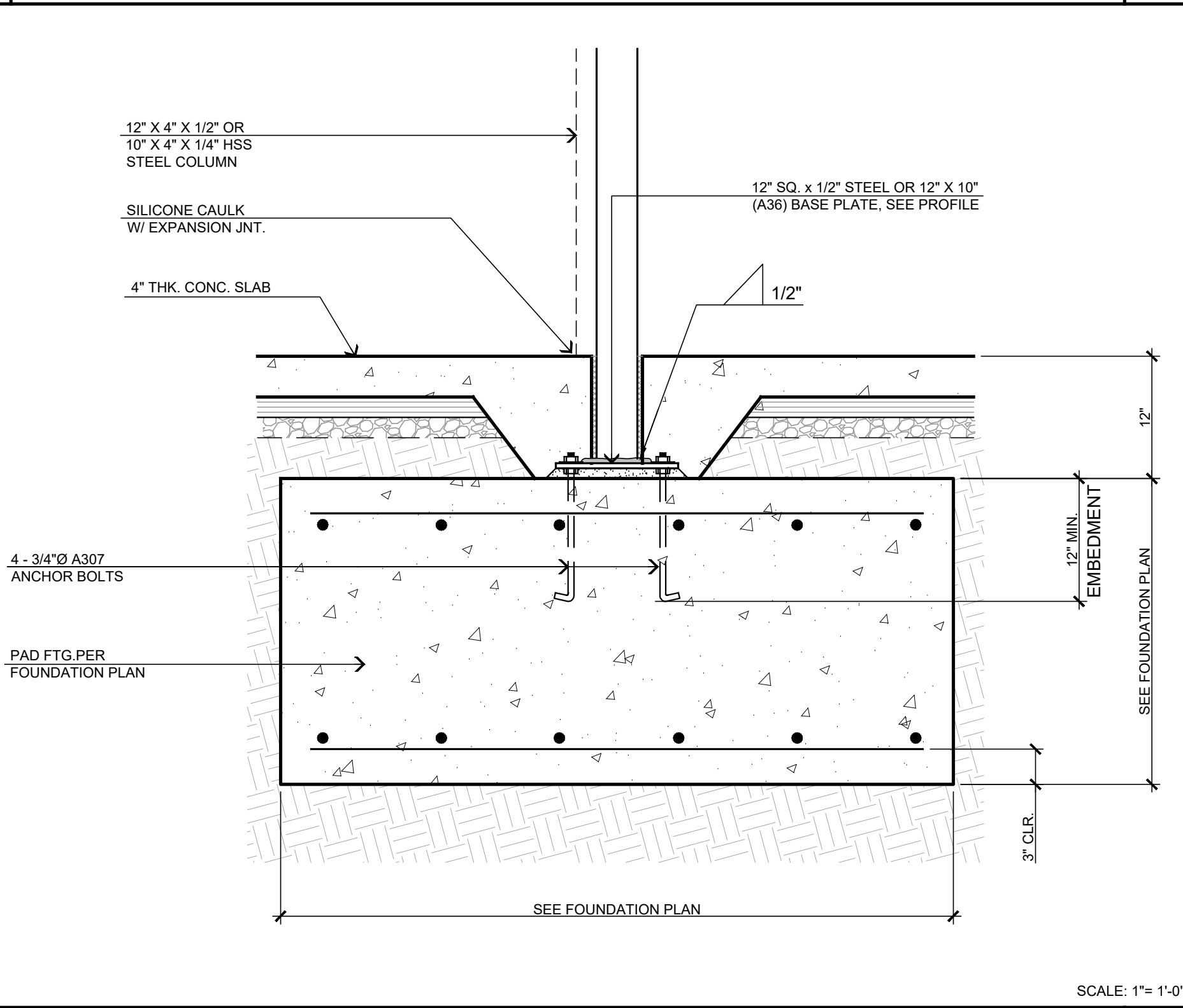
NAILER ATTACHMENT DETAIL @ B2/ NAILER ATTACHMENT AT SPLICE 7



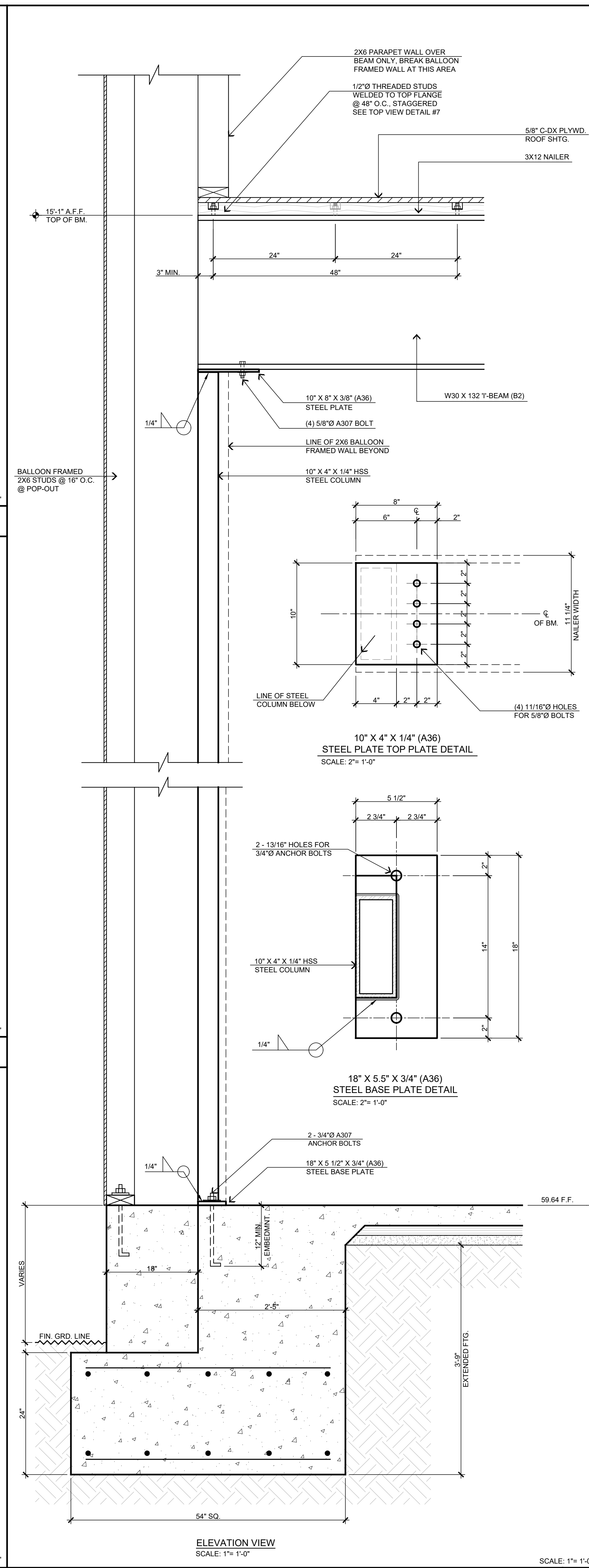
B2 TO B5 TRANSITION DETAIL AT STEEL COLUMN AT INTERIOR WALL 4



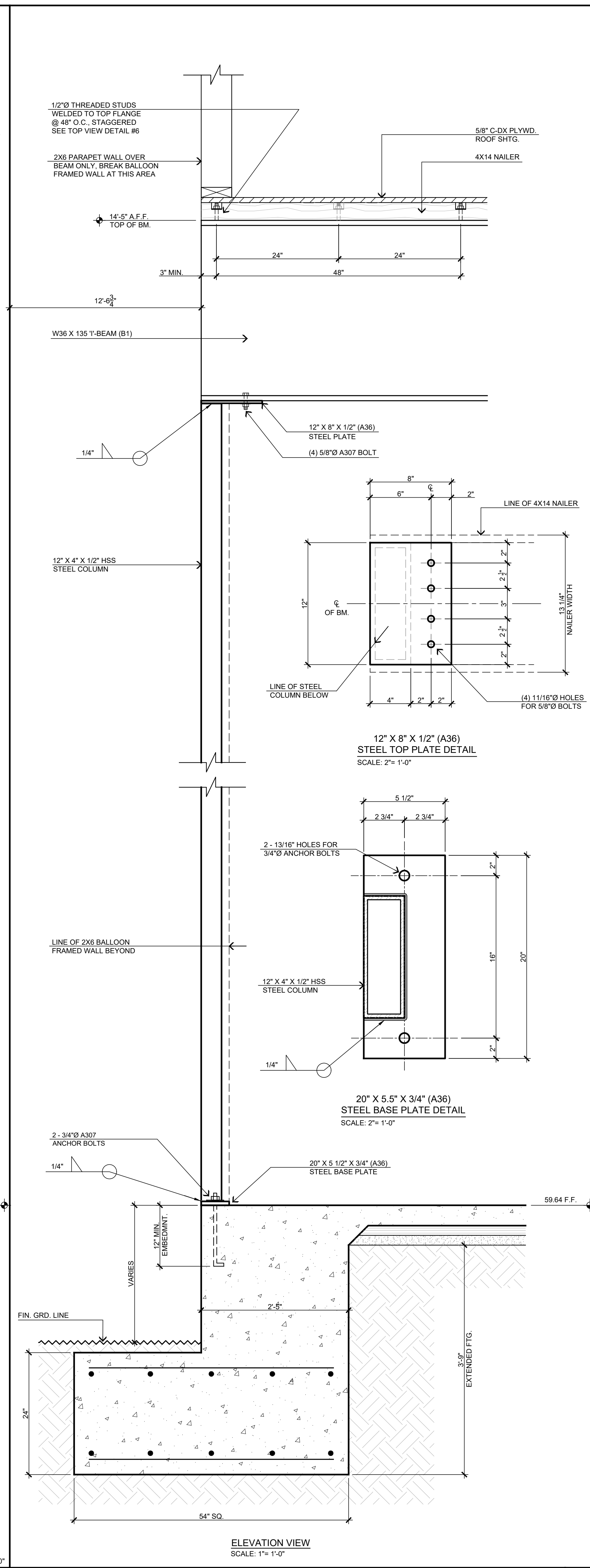
B1/ B2 STEEL COLUMN TO FOOTING ATTACHMENT DETAIL @ INTERIOR WALL 5



STEEL COLUMN TO B2 BEAM AND FOOTING ATTACHMENT DETAIL 2



STEEL COLUMN TO B1 BEAM AND FOOTING ATTACHMENT DETAIL 1



STEEL COLUMN TO B1 BEAM AND FOOTING ATTACHMENT DETAIL 1

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	<p>REVISIONS</p> <p>ADDENDUM TO STRUCTURAL_01/24/2023</p>	<p>THESE DOCUMENTS AND THE DESIGN THEREAS, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, ARE THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY USE, IN WHOLE OR IN PART FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.</p>		<p>CONTACT</p> <p>DCN BARTZ</p>	

