



Liquid Design Aquatic Consulting Company,
 dba: Liquid Design Pools
 359 West 11TH Street, Suite "F"
 Tracy, CA. 95376
 C53 #1036785
 Ca. Small Business Cert #2013784



CSI CONSTRUCTION

Owner

Project

MARRIOTT DUAL BRAND HOTEL

880 TIOGA AVENUE,
 Sand City, CA 93955

HEALTH PERMIT

BUILDING PERMIT



Plans Approved

Roger Beretti

Roger Beretti, REHS
 Environmental Health Bureau

05/31/2024 2:07:24 PM

**PERSONAL PROTECTIVE EQUIPMENT "PPE" IS REQUIRED AT ALL TIMES
 IE, HARD HATS, REFLECTIVE VESTS, BOOTS AND GLASSES**

ACCESSIBILITY NOTES:

11B-1009	SWIMMING POOLS, WADING POOLS, AND SPAS.
11B-1009.1 GENERAL.	WHERE PROVIDED, POOL LIFTS, SLOPED ENTRIES, TRANSFER WALLS, TRANSFER SYSTEMS, AND POOL STAIRS SHALL COMPLY WITH 11B-1009.
11B-1009.2 POOL LIFTS.	POOL LIFTS SHALL COMPLY WITH 11B-1009.2
11B-1009.2.1 POOL LIFT LOCATION.	POOL LIFTS SHALL BE LOCATED WHERE THE WATER LEVEL IS 36 INCHES MINIMUM AND 48 INCHES MAXIMUM.
11B-1009.2.2 SEAT LOCATION.	IN THE RAISED POSITION, THE CENTERLINE OF THE SEAT SHALL BE LOCATED OVER THE DECK AND 16 INCHES MINIMUM FROM THE EDGE OF THE POOL. THE DECK SURFACE BETWEEN THE CENTERLINE OF THE SEAT AND THE POOL EDGE SHALL HAVE A SLOPE NOT STEEPER THAN 1:48
11B-1009.2.3 CLEAR DECK SPACE.	ON THE SIDE OF THE SEAT OPPOSITE THE WATER, A CLEAR DECK SPACE SHALL BE PROVIDED PARALLEL WITH THE SEAT. THE SPACE SHALL BE 36 INCHES WIDE MINIMUM AND SHALL EXTEND FORWARD 48 INCHES MINIMUM FROM A LINE LOCATED 12 INCHES BEHIND THE REAR EDGE OF THE SEAT. THE CLEAR DECK SPACE SHALL HAVE A SLOPE NOT STEEPER THAN 1:48.
11B-1009.2.4 SEAT.	THE SEAT SHALL BE RIGID AND SHALL HAVE A BACK SUPPORT THAT IS AT LEAST 12 INCHES TALL. THE HEIGHT OF THE LIFT SEAT SHALL BE DESIGNED TO ALLOW A STOP AT 17 INCHES MINIMUM TO 19 INCHES MAXIMUM MEASURED FROM THE DECK TO THE TOP OF THE SEAT SURFACE WHEN IN THE RAISED (LOAD) POSITION. THE SEAT SHALL HAVE A RESTRAINT FOR THE USE OF THE OCCUPANT WITH OPERABLE PARTS COMPLYING WITH 11B-309.
11B-1009.2.5 SEAT WIDTH.	THE SEAT SHALL BE 16 INCHES WIDE MINIMUM.
11B-1009.2.6 FOOTRESTS AND ARMRESTS.	FOOTRESTS SHALL BE PROVIDED AND SHALL MOVE WITH THE SEAT. THE SEAT SHALL HAVE TWO ARMRESTS. THE ARMREST POSITIONED OPPOSITE THE WATER SHALL BE REMOVABLE OR SHALL FOLD CLEAR OF THE SEAT WHEN THE SEAT IS IN THE RAISED POSITION.
11B-1009.2.7 OPERATION.	THE LIFT SHALL BE CAPABLE OF UNASSISTED OPERATION FROM BOTH THE DECK AND WATER LEVELS. CONTROLS AND OPERATING MECHANISMS SHALL BE UNOBSTRUCTED WHEN THE LIFT IS IN USE AND SHALL COMPLY WITH 11B-309.4 (OPERATION). THE LIFT SHALL BE STABLE AND NOT PERMIT UNINTENDED MOVEMENT WHEN A PERSON IS GETTING INTO OR OUT OF THE SEAT.
11B-1009.2.8 SUBMERGED DEPTH.	THE LIFT SHALL BE DESIGNED SO THAT THE SEAT WILL SUBMERGE TO A WATER DEPTH OF 18 INCHES MINIMUM BELOW THE STATIONARY WATER LEVEL.
11B-1009.2.9 LIFTING CAPACITY.	SINGLE PERSON POOL LIFT SHALL HAVE A WEIGHT CAPACITY OF 300 POUNDS MINIMUM AND BE CAPABLE OF SUSTAINING A STATIC LOAD OF AT LEAST ONE AND A HALF TIMES THE RATE LOAD.

PROJECT START-UP:

- CONTRACTOR SHALL FLUSH ENTIRE SYSTEM, INCLUDING WATER SOURCE, PRIOR TO FINAL FILING OF POOL TO ASSURE CLEAN AND POTABLE WATER AVAILABILITY AT TIME OF LOADING THE POOL WITH WATER.
- CONTRACTOR SHALL MAINTAIN SWIMMING POOL FOR 10 CONSECUTIVE DAYS IN CONJUNCTION WITH MECHANICAL SYSTEM OPERATIONAL TEST. THIS MAINTENANCE PERIOD SHALL BE EXTENDED WITH MECHANICAL SYSTEM OPERATIONAL TEST IF REQUIRED PER MANUFACTURE GUIDELINES. DURING THIS TIME, BRUSH ENTIRE POOL DAILY STARTING IMMEDIATELY AFTER FILLING POOL FOR MINIMUM OF 5 DAYS TO REMOVE DIRT, PERIODICALLY CLEAN GRATES UNTIL NO FURTHER ACCUMULATION OF FOREIGN MATERIALS OCCURS, AND ADD CHEMICALS AS REQUIRED FOR ACCEPTABLE WATER QUALITY. AFTER SUCCESSFUL CONCLUSION OF MECHANICAL SYSTEM OPERATIONAL TESTING, CLEAN GRATES, VACUUM POOL, AND LEAVE POOL READY FOR USE.
- HAVE ON HAND, QUANTITIES OF CHEMICALS AS DETERMINED NECESSARY, PLUS 25% OVERAGE FOR FOLLOW-UP TREATMENT. THESE CHEMICALS TYPICALLY INCLUDE CALCIUM CHLORIDE, BICARBONATE OF SODA, AND MURIATIC ACID, ARE IN ADDITION TO STANDARD CHLORINE PRODUCTS AND PH CONTROL PRODUCTS AS REQUIRED ELSEWHERE.

BONDING & GROUNDING:

- ALL GROUNDING SHALL BE COMPLETED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE (NEC) AND THE LOCAL AUTHORITY HAVING JURISDICTION.
- THESE PLANS ARE DIAGRAMMATIC, AND MAY NOT REPRESENT THE FINAL LOCATIONS OF THE EQUIPMENT. THE POOL AND SPA CONTRACTORS SHALL COORDINATE ALL GROUNDING REQUIREMENTS AND EQUIPMENT ELECTRICAL CONNECTIONS WITH ALL OTHER WORK TO BE COMPLETED WITH CONSIDERED FIELD CONSTRUCTION.
- THE GROUNDING GRID TO BE INSTALLED WITHIN THE POOL AND SPA ASSEMBLIES SHALL BE INSTALLED WITH A MINIMUM OF BARE #8 GROUND WIRE (99% PURE COPPER) AND INSTALLATION IS TO BE COORDINATED WITH FINAL CONSTRUCTION.
- GROUNDING GRID SHALL BE INSTALLED A MINIMUM OF 3 FEET THE POOL EDGE IN ACCORDANCE WITH NEC.
- ALL GROUNDING CONNECTIONS SHALL BE MADE WITH HEAVY DUTY BRONZE GROUND CLAMP - DIRECT BURIAL FOR REBAR, STAINLESS STEEL HARDWARE, 3/8" - 1" PIPE SIZE, 8 AWG GROUND WIRE MAX, cULus.
- PROVIDE #8 BARE COPPER WIRE SPACED AT 30 FEET APART FOR ENTIRE LENGTH OF BONDING GRID, COPPER WELD AT EACH JOINT. PROVIDE #8 COPPER GROUNDING CONDUCTOR FROM LIGHTS, RAILS, AND OTHER REQUIRED POOL ACCESSORIES PER POOL BONDING DIAGRAM DETAIL.

ELECTRICAL NOTES:

- ALL ELECTRICAL WORK SHALL COMPLY WITH FOLLOW:2019 CEC-ARTICLE 680- SWIMMING POOL INSTALLATIONS - SEE: ELECTRICAL SHEETS FOR ADDITIONAL NOTES:
 - 680.7 - CORD-AND-PLUG- CONNECTED EQUIPMENT
 - 680.8 - OVERHEAD CONDUCTOR CLEARANCE
 - 680.9 - ELECTRIC WATER HEATER
 - 680.10 - UNDERGROUND WIRING
 - 680.11 - EQUIPMENT ROOMS AND PITS
 - 680.12 - MAINTENANCE DISCONNECTING MEANS
 - 680.21 - MOTORS
 - 680.22 - AREA LIGHTING, RECEPTACLES AND EQUIPMENT.
 - 680.23 - UNDERWATER LUMINARIES
 - 680.24 - JUNCTION BOX, TRANSFORMER, OR GFCI ENCLOSURE
 - 680.25 - FEEDERS
 - 680.26 - EQUIPOTENTIAL BONDING
 - 680.27 - SPECIALIZED EQUIPMENT
 - 680.41 - EMERGENCY SWITCH FOR SPAS AND HOT TUBS
 ANY ADDITIONAL STATE AND LOCAL REQUIREMENTS.
- A TIME SWITCH OR SIMILAR CONTROL MECHANISM SHALL BE INSTALLED AS PART OF A POOL WATER CIRCULATION CONTROL SYSTEM THAT WILL ALLOW ALL PUMPS TO BE SET OR PROGRAMMED TO RUN ONLY DURING THE OFF-PEAK ELECTRIC DEMAND PERIOD AND FOR THE MINIMUM TIME NECESSARY TO MAINTAIN THE WATER IN THE CONDITION REQUIRED BY APPLICABLE PUBLIC HEALTH STANDARDS.



FOR DIAGRAMMATICAL USE ONLY NOT TO PERMIT

WATER CHEMISTRY:

- FREE AVAILABLE CHLORINE = 1.0-3.0 ppm.
- COMBINED CHLORINE = N/A.
- POTENTIAL HYDROGEN (PH) = 7.4 - 7.6 ppm.
- SALT CONCENTRATION = 3,500-5,000 ppm.
- TOTAL ALKALINITY = 80-100 ppm.
- TDS (TOTAL DISSOLVED SOLIDS) = 1,500 ppm max.
- CALCIUM HARDNESS = 250 ppm max.
- CYANURIC ACID (STABILIZER) = 20 ppm.
- ORP/HHR = 700-780 mv.
- TEMPERATURES = 82Å° (POOL).
- TEMPERATURES = 103Å° (SPA).

ENCLOSURE NOTES:

- 3119B.1 ENCLOSURE. THE POOL SHALL BE ENCLOSED BY ONE OR A COMBINATION OF THE FOLLOWING: A FENCE, PORTION OF A BUILDING, WALL, OR OTHER APPROVED DURABLE ENCLOSURE. DOORS, WINDOWS, GATES OF LIVING UNITS OR ASSOCIATED PRIVATE PREMISES SHALL NOT BE PERMITTED AS PART OF THE POOL ENCLOSURE. THE ENCLOSURE, DOORS AND GATES SHALL MEET ALL OF THE FOLLOWING SPECIFICATIONS:
 - THE ENCLOSURE SHALL HAVE A MINIMUM EFFECTIVE PERPENDICULAR HEIGHT OF 5 FEET (1524 MM) AS MEASURED FROM THE OUTSIDE AS DEPICTED IN FIGURE 31B-4; AND OPENINGS, HOLES OR GAPS IN THE ENCLOSURE, DOORS AND/OR GATES SHALL NOT ALLOW THE PASSAGE OF A 4-INCH (102 MM) DIAMETER SPHERE. THE ENCLOSURE SHALL BE CONSTRUCTED OVER A HARD AND PERMANENT MATERIAL EQUIVALENT TO CONCRETE.
 - THE ENCLOSURE SHALL BE DESIGNED AND CONSTRUCTED SO THAT IT CANNOT BE READILY CLIMBED BY SMALL CHILDREN. HORIZONTAL AND DIAGONAL MEMBER DESIGNS WHICH MIGHT SERVE AS A LADDER FOR SMALL CHILDREN ARE PROHIBITED. HORIZONTAL MEMBERS SHALL BE SPACED AT LEAST 48 INCHES (1219 MM) APART. NO PLANTERS OR OTHER STRUCTURES THAT CAN BE CLIMBED SHALL BE PERMITTED WITHIN 5 FEET (1524 MM) OF THE OUTSIDE OF THE POOL ENCLOSURE OR WITHIN A 5 FOOT (1524 MM) ARC AS DEPICTED IN FIGURE 31B-5. THE AREA 5 FEET (1524 MM) OUTSIDE OF THE POOL ENCLOSURE SHALL BE A COMMON AREA OPEN TO THE PUBLIC.
 - CHAIN LINK MAY BE USED, PROVIDED THAT THE OPENINGS ARE NOT GREATER THAN 1 7/8 INCHES (44 MM) MEASURED HORIZONTALLY.
- 3119B.2 GATES AND DOORS OPENING INTO THE POOL ENCLOSURE ALSO SHALL MEET THE FOLLOWING SPECIFICATIONS:
 - GATES AND DOORS SHALL BE EQUIPPED WITH SELF- CLOSING AND SELF-LATCHING DEVICES. THE SELF-LATCHING DEVICE SHALL KEEP THE GATE OR DOOR SECURELY CLOSED. GATES AND DOORS SHALL OPEN OUTWARDLY AWAY FROM THE POOL EXCEPT WHERE OTHERWISE PROHIBITED BY LAW. HAND ACTIVATED DOOR OR GATE OPENING HARDWARE SHALL BE LOCATED AT A HEIGHT NO LOWER THAN 42 INCHES (1067 MM) BUT NO HIGHER THAN 44 INCHES (1179 MM) ABOVE THE DECK OR WALKWAY.
 - GATES AND DOORS SHALL BE CAPABLE OF BEING LOCKED DURING TIMES WHEN THE POOL IS CLOSED. EXIT DOORS WHICH COMPLY WITH CHAPTER 10, TITLE 24, CALIFORNIA CODE OF REGULATIONS SHALL BE CONSIDERED AS MEETING THESE REQUIREMENTS.
 - THE POOL ENCLOSURE SHALL HAVE AT LEAST ONE MEANS OF EGRESS WITHOUT A KEY FOR EMERGENCY EMERGENCY PURPOSES. UNLESS ALL GATES OR DOORS ARE SO EQUIPPED, THOSE GATES AND/OR DOORS WHICH WILL ALLOW EGRESS WITHOUT A KEY SHALL HAVE A SIGN IN LETTERS AT LEAST 4 INCHES (102 MM) HIGH STATING EMERGENCY EXIT; AND PURPOSES. UNLESS ALL GATES OR DOORS ARE SO EQUIPPED, THOSE GATES AND/OR DOORS WHICH WILL ALLOW EGRESS WITHOUT A KEY SHALL HAVE A SIGN IN LETTERS AT LEAST 4 INCHES (102 MM) HIGH STATING EMERGENCY EXIT.
 - THE ENCLOSURE SHALL BE CONSTRUCTED SO THAT ALL PERSONS WILL BE REQUIRED TO PASS THROUGH COMMON POOL ENCLOSURE GATES OR DOORS IN ORDER TO GAIN ACCESS TO THE POOL AREA. ALL GATES AND DOORS EXITING THE POOL AREA SHALL OPEN INTO A PUBLIC AREA OR A WALKWAY ACCESSIBLE BY ALL PATRONS OF THE POOL.

ADA LIFT SPECS:

- ALTERNATE MODEL LIFTS WILL NOT BE CONSIDERED UNLESS EQUAL TO THE SPECIFIED PRODUCT IN EVERY RESPECT. ALTERNATIVE UNITS MUST BE SUBMITTED FOR APPROVAL NO LESS THAN THEN (10) CALENDAR DAYS PRIOR TO BID DUE DATE. SUBMITTAL DATA MUST INCLUDE COMPLETE DOCUMENTATION RELATING TO ALL THE SPECIFIED FEATURES AND INCLUDE MANUFACTURER'S SALES LITERATURE, SPECIFICATION SHEETS, INSTALLATION/OPERATION/MAINTENANCE MANUALS, ENGINEERED DRAWINGS AND DOCUMENTS SUPPORTING THE STRENGTH, SERVICE CAPACITY AND THE ABILITY TO MEET THE APPROPRIATE FEDERAL REGULATORY STANDARDS ASSOCIATED WITH THE PROPOSED LIFT. THE MANUFACTURER SHALL BE AQUA CREEK PRODUCTS, MODEL NAME SCOUT F-800SC; CONTACT NATIONAL AQUATIC COMPLIANCE: WWW.NATIONALAQUATICCOMPLIANCE.COM
- MANUFACTURERS QUALIFICATIONS: THE ASSISTED ACCESS LIFT SHALL BE THE STANDARD PRODUCT OF A COMPANY REGULARLY ENGAGED IN THE MANUFACTURE OF COMMERCIAL GRADE SWIMMING POOL AND SPA ACCESSIBILITY EQUIPMENT AND SHALL BE SPECIFICALLY DESIGNED FOR USE IN SWIMMING POOLS AND SPAS.
- THE LIFT SHALL BE INDEPENDENTLY VERIFIED TO MEET THE GUIDELINES AS SPECIFIED IN SECTION 1009 OF THE 2010 ADA ACCESSIBILITY STANDARDS FOR BUILDINGS AND FACILITIES, ANSI/AAMI ES 60601-1:2005 AND CLAUSE 27 OF THE STANDARD FOR POLYMERIC MATERIALS UL 746C BY AN INDEPENDENT TESTING LABORATORY.
- THE LIFT SHALL BE RATED FOR A MAXIMUM 350-LB LOAD CAPACITY WITH A MINIMUM 1.5 TIMES THE RATED LOAD CAPACITY SAFETY FACTOR. ALL ELECTRICAL COMPONENTS SHALL SUPPORT A UL AND CE LISTING FOR SAFETY.
- THE LIFTS MAIN STRUCTURE SHALL BE MANUFACTURED OF TYPE 304 STAINLESS STEEL, NO DISSIMILAR METALLIC COMPONENTS SHALL BE ALLOWED. THE MAIN STRUCTURE SHALL ALSO BE COATED WITH A MINIMUM 4-ML THICK, UV RESISTANT WHITE EPOXY POWDER COAT FINISH. ALL FASTENING HARDWARE SHALL BE OF TYPE 316 STAINLESS STEEL. THE LIFT SHALL BE SUPPLIED WITH A SEPARATE BATTERY CHARGER CORD AND HANDHELD CONTROLLER.
- THE CHAIR OF THE LIFT SHALL BE OF A RIGID ONE PIECE MOLDED DESIGN WITH BOTH A SEAT BOTTOM AND SEAT BACK AND MADE OF A UV STABILIZED POLYETHYLENE MATERIAL WITH A MINIMUM SEAT WIDTH OF 18-INCHES (45.72- CM) AND SEAT BACK HEIGHT OF 17.5 INCHES (44.45-CM). THE SEAT SHALL HAVE BOTH AN INNER AND OUTER FLIP-UP ARM AND SHALL BE SUPPLIED WITH A 2-INCH WIDE (5.08-CM) ADJUSTABLE SAFETY BELT WITH VELCRO® TYPE CLASPS.



LIQUID DESIGN AQUATIC CONSULTING COMPANY
dba: Liquid Design Pools
C53 #1036785

1852 West 115th St #346
Tel: 1-209-597-5277
Att: Josh Toland



NOT FOR CONSTRUCTION DESIGN DOCUMENT



PROJECT

MARRIOTT DUAL BRAND HOTEL
880 TIOGA AVENUE,
Sand City, CA 93955

No.	Revision	Date
	Permit Set	04.12.2024

CODE COMPLIANCE NOTES

Liquid Design Project #	2024-2DC
Date :	11/08/2023
Drawn By	JS
Checked By	WM
Designed By	JT

SP - 1.1

GENERAL OPERATIONS:

1. ALL CIRCULATION PUMPS SHALL BE SET WITH THE PROVIDED VALVES AND FLOW METERS AT START FOR THE FLOW RATES LISTED ON POOL PLANS AND BACKWASH RATES FOR THE FILTERS.
2. FILTER BACKWASH SHALL TAKE PLACE WHEN THE DIFFERENTIAL PRESSURE BETWEEN THE INFLUENT AND INFLUENT PRESSURE GAUGES READ APPROXIMATELY 4-5 PSI DIFFERENCE. BACKWASH SHALL HAVE A DURATION OF APPROXIMATELY 5 MINUTES.
3. A DAILY RECORD OF POOL MAINTENANCE AND OPERATION SHALL BE KEPT AND AVAILABLE FOR INSPECTION AND REVIEW.

HEATER NOTES:

1. THE POOL BOILER SHALL MEET ASME STANDARDS.
2. BOND BOILER PER ELECTRIC CODE.
3. BOILER SHALL HAVE A CODE COMPLIANT GAS TRAIN ASSEMBLY.
4. NATURAL GAS APPLIANCE APPROVED BALL/ SHUTOFF VALUE SHALL BE PROVIDED BY THE BOILER INSTALLATION CONTRACTOR.
5. CMC SECTION 1010.1:
- THE DISCHARGE OF THE RELIEF VALVE SHALL BE PIPED TO WITHIN 18 INCHES OF THE FLOOR OR TO AN OPEN RECEPACLE (CMC 1006.1).
- NO VALVE SHALL BE PLACED BETWEEN THE SAFETY RELIEF VALVE AND THE HEATER, NOR ON THE DISCHARGE PIPE BETWEEN THE SAFETY RELIEF VALVE AND THE ATMOSPHERE (CMC 1006.1).
6. 2022 Ca. BUILDING ENERGY EFFICIENCY STANDARDS SECTION 110.4
- ANY POOL OR SPA HEATING SYSTEM OR EQUIPMENT MAY BE INSTALLED ONLY IF HE MANUFACTURER HAS CERTIFIED THAT THE SYSTEM OR EQUIPMENT HAS THE FOLLOWING:
 - a. A THERMAL EFFICIENCY THAT COMPLIES WITH THE APPLIANCE EFFICIENCY REGULATION.
 - b. ON/OFF SWITCH MOUNTED TO OUTSIDE OF HEATER THAT ALLOWS SHUTTING OFF THE HEATER WITHOUT ADJUSTING THE THERMOSTAT AND INSTRUCTIONS CONSISTING OF A PERMANENT, EASILY READABLE AND WEATHER -PROOF PLATE OR CARD THAT GIVES INSTRUCTIONS FOR THE ENERGY EFFICIENT OPERATION OF THE POOL OR SPA HEATER AND FOR PROPER CARE WHEN THE POOL OR SPA WATER COVER IS USED.
 - c. NO ELECTRIC RESISTANCE HEATING.
- INSTALLATION OF ANY POOL & SPA SYSTEM OR EQUIPMENT SHALL BE INSTALLED WITH AT LEAST 36 INCHES OF PIPE BETWEEN THE FILTER AND THE HEATER OR SUCTION AND RETURN LINES, OR BUILT-IN OR BUILT-UP CONNECTION AND SHALL BE INSTALLED TO ALLOW FOR THE FUTURE ADDITION OF SOLAR HEATING EQUIPMENT.
7. ALL MECHANICAL EQUIPMENT AND SYSTEMS INSTALLED AS PART PROJECT SHALL COMPLY WITH ALL REQUIREMENTS OF THE 2022 CALIFORNIA MECHANICAL CODE, 2022 CALIFORNIA BUILDING CODE AND 2022 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS.
8. THE POOL HEATER SHALL BE INSTALLED IN ACCORDANCE WITH ALL REQUIREMENTS OF THE MANUFACTURES LISTING AND INSTALLATION INSTRUCTIONS (CMC 302.1)
9. VENTING FOR THE POOL HEATER SHALL BE IN ACCORDANCE WITH ALL REQUIREMENTS OF THE MANUFACTURERS INSTALLATION INSTRUCTIONS AND THE 2022 CMC CHAPTER 8.
10. AIR FOR COMBUSTION, VENTILATION AND DILUTION OF FLUE GASSES SHALL BE PROVIDED FOR THE POOL HEATER ENCLOSURE IN ACCORDANCE WITH THE MANUFACTURES INSTALLATION INSTRUCTIONS AND THE 2022 CMC CHAPTER 7.
11. POOL HEATER SHALL COMPLY WITH ALL THE REQUIREMENTS OF SECTION 922.0 OF CMC 2022.
12. HEATERS MUST BE 4 FEET MINIMUM AWAY FROM ANY OPERABLE WINDOW.

EXCEPTIONS:

1. WHERE THE ENTIRE POOL DEPTH IS GREATER THAN 48 INCHES, COMPLIANCE WITH 11B-1009.2.1 SHALL NOT BE REQUIRED.
2. WHERE MULTIPLE POOL LIFT LOCATIONS ARE PROVIDED, NO MORE THAN ONE POOL LIFT SHALL BE REQUIRED TO BE LOCATED IN AN AREA WHERE THE WATER LEVEL IS 48 INCHES MAXIMUM.
3. WHERE THE WATER DEPTH OF THE ENTIRE SWIMMING POOL, WADING POOL OR SPA IS LESS THAN 36 INCHES, POOL LIFTS SHALL BE LOCATED WHERE THE WATER LEVEL IS LESS THAN 36 INCHES.

GENERAL NOTES:

1. ALL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
2. ANY CHANGES IN CONSTRUCTION PLANS OR EQUIPMENT MUST BE APPROVED BY THE ALAMEDA COUNTY HEALTH DEPARTMENT. CHANGES MAY REQUIRE ADDITIONAL PLAN CHECK FEES AND RE-SUBMITTAL OF PLANS.
3. POOL PLAN APPROVAL DOES NOT AUTHORIZE THE VIOLATION OF ANY LAW, ORDINANCE, OR REGULATION AND FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION AND EVALUATION.
4. NO POOL SHALL BE PLACED IN OPERATION WITHOUT WRITTEN APPROVAL OF ALAMEDA COUNTY HEALTH DEPARTMENT.
5. DECK MATERIAL OTHER THAN CONCRETE MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT.
6. THE REQUIRED DECKING AROUND A POOL MUST BE FREE OF ALL POSTS, COLUMNS, OR OTHER OBSTRUCTIONS AND EXTEND AT LEAST 4 FEET BEHIND ANY PERMANENT HANDICAP EQUIPMENT. THERE CANNOT BE ANY CHANGES IN DECK ELEVATION AROUND THE POOL.
7. ALL PARTS OF THE DECK MUST DRAIN NATURALLY OR TO FLOOR DRAINS AT SLOPE BETWEEN 1% AND 2% WITH NO ACCUMULATIONS OF WATER. SPACE BETWEEN THE COPING AND THE DECK MUST BE SEALED WITH AN APPROPRIATE CAULKING.
8. AUTOMATIC CHLORINATOR IS REQUIRED WHICH IS CAPABLE OF SUPPLYING NOT LESS THAN THE EQUIVALENT OF 3 POUNDS OF CHLORINE PER DAY PER 10,000 GALLONS POOL WATER CAPACITY.
9. CHEMICAL CONTROLLER IS REQUIRED TO MONITOR AND CONTROL THE PH AND DISINFECTANT LEVELS.
10. ADEQUATE NUMBER OF HOSE BIBBS ARE REQUIRED IN THE POOL AREA IN SUFFICIENT NUMBERS TO ALLOW A 75 FOOT HOSE TO REACH ALL AREAS OF THE POOL DESK. HOSE BIBB IS REQUIRED IN THE EQUIPMENT AREA. EACH HOSE BIBB MUST BE PROTECTED BY AN APPROVED BACKFLOW DEVICE.
11. THE POOL CONTRACTOR SHALL PERFORM A CONTINUOUS PIPING TEST AND KEEP A MINIMUM OF 35 PSI (1.75KG/CM2) ON SYSTEM UNTIL AFTER DECK PHASE.
12. ALL EQUIPMENT AND MATERIALS NOT SHOWN OR SPECIFIED ON THE PLANS OR SPECIFICATIONS, BUT REQUIRED TO COMPLETE THIS PROJECT, SHALL BE SUPPLIED BY THE POOL CONTRACTOR AS PART OF THIS CONTRACT WORK.
13. PRESSURE GAUGES SHALL BE INSTALLED ON THE INLET AND OUTLET OF THE EACH FILTER SYSTEM AND LOCATED WHERE THEY CAN BE EASILY READ.
14. VACUUM GAUGES SHALL BE INSTALLED ON THE INLET TO EACH PUMP AND INSTALLED IN WHERE THEY CAN BE EASILY READ.
15. PER 2006 IPC, SLEEVING: ANY PIPE PASSING THROUGH OR UNDER FOOTINGS OR FOUNDATION WALLS SHALL BE SLEEVED TWO PIPE SIZES GREATER THAN PIPE PASSING THROUGH WALL. COORDINATE WITH ALL TRADES.
16. PER IPC, SLEEVING: ANNULAR SPACES SHALL BE FILLED OR TIGHTLY CAULKED.
17. THE PIPING INSTALLATION IN EACH EQUIPMENT ROOM, IPC SHALL BE SUPPORTED IN ACCORDANCE WITH TABLE 308.5 IN THE IPC. CONTRACTOR SHALL SUBMIT SUPPORT SYSTEM DESIGN TO BEFORE START OF THIS WORK.
18. LABEL PIPE SIZE, TYPE, AND FLOW DIRECTION FOR ALL POOL EQUIPMENT WITH A MINIMUM OF ¼ INCH TEXT PER ANSI A13.
19. POTABLE WATER SUPPLY SYSTEMS SHALL BE DESIGNED, INSTALLED AND MAINTAINED SO AS TO PREVENT CONTAMINATION FROM NON-POTABLE LIQUIDS, SOLIDS OF GASES BEING INTRODUCED INTO THE POTABLE WATER SUPPLY THROUGH CROSS-CONNECTIONS OR ANOTHER PIPING CONNECTIONS TO THE SYSTEM. MEANS OF PROTECTION AGAINST BACKFLOW IN THE POTABLE WATER SUPPLY SHALL BE PROVIDED THROUGH AN AIR GAP COMPLYING WITH ASME A112.1.2 INTERNATIONAL PLUMBING CODE.
20. BACKWASH WATER AND DRAINING WATER SHALL BE DISCHARGED TO THE SANITARY OR STORM SEWER, OR INTO AN APPROVED DISPOSAL SYSTEM APPROVED BY THE STATE OR LOCAL AUTHORITY. DIRECT CONNECTIONS SHALL NOT BE MADE BETWEEN THE END OF THE BACKWASH LINE AND THE DISPOSAL SYSTEM. DRAINS SHALL DISCHARGE THROUGH ANS AIR GAP.
21. REINFORCING STEEL OF ALL AQUATIC BODY'S SHALL BE BONDED WITH A#8 COPPER WIRE SEE: REINFORCING NOTE 11. TIED BOND INTO THE MECHANICAL SYSTEM FOR EACH BODY OF WATER. EACH MECHANICAL SYSTEM SHALL THEN BE BONDED TO THE ELECTRIC PANEL THAT SUPPLIES POWER TO THAT FEATURE. FOLLOW USA NATIONAL ELECTRIC CODE FOR BONDING GRID AROUND PERIMETER OF STRUCTURE. SEE: SHEET .
22. POOL UNDERWATER LIGHTING IS DESIGNED TO BE A MINIMUM OF .5 WATTS PER SQ. FT OF SURFACE AREA.
23. POOL SHALL BE PROVIDED WITH LIFE SAVING EQUIPMENT AND SHALL BE VISUALLY CONSPICUOUS AND CONVENIENTLY LOCATED AT ALL TIMES. SWIMMING POOL ACCESSORY POLE NOT LESS THAN 12 FEET IN LENGTH AND INCLUDING A BODY HOOK SHALL BE PROVIDED.
24. DEPTH MARKERS OF CONTRASTING COLOR ARE REQUIRED ON BOTH SIDES, AT THE MINIMUM AND MAXIMUM DEPTHS, AT THE BREAK AT 4 ½ FT. AND BOTH ENDS OF THE POOL. PERMANENT DEPTH MARKERS ARE REQUIRED ON THE POOL DECK, CORRESPONDING TO EVERY DEPTH MARKER ON THE WALL. ALL DEPTH MARKERS MUST BE MARKED WITH THE LETTERS FEET OR FT. AND INCHES OR IN. PAINTED LETTERS ARE NOT PERMITTED. DEPTH MARKERS MUST BE AT LEAST 4 INCHES IN HEIGHT AND MUST BE POSITIONED TO INDICATE THE WATER DEPTH ACCURATE TO THE NEAREST 6 INCHES AS MEASURED FROM THE POOL FLOOR TO THE MIDDLE OF THE SKIMMER OPENING.
25. THE POOL MUST BE LINED WITH WATERLINE TILES AROUND THE ENTIRE PERIMETER OF THE POOL. RIM FLOW POOL CAN HAVE DEPTH MARKERS INSTALLED BELOW THE WATERLINE.
26. BARRIERS SHALL BE PROVIDED TO MEET LOCAL CODES. SEE: ARCHITECTURAL SHEETS.
27. PROVIDE SHOP DRAWINGS TO AQUATIC CONSULTANT FOR ALL RAILS BEFORE FABRICATION.
28. BACK WASHING IS A RECOMMENDED PROCESS TO TAKE POOL WATER BACK TO OPERATIONAL LEVELS, IN THE EVENT THE POOL SHOULD EVER EXPERIENCE HIGH WATER LEVELS OR AN OVERFLOW FROM EXCESSIVE RAIN FALL.
29. POOLS SHALL BE PROVIDED WITH LIFESAIVING EQUIPMENT AND SHALL BE VISUALLY CONSPICUOUS AND CONVENIENTLY LOCATED AT ALL TIMES.
30. THROWING ROPE ATTACHED TO RING BUOY OR SIMILAR FLOATATION DEVICE SHALL BE PROVIDED. THE ROPE SHALL BE NOT LESS THAN ¼ INCH IN DIAMETER AND SHALL HAVE A LENGTH OF NOT LESS THAN 1 ½ TIMES THE MAXIMUM WIDTH OF THE POOL OR 50 FEET, WHICHEVER IS LESS. A RING BUOY SHALL HAVE AN OUTSIDE DIAMETER IS NOT LESS THAN 15 INCHES.
31. FIRST AID EQUIPMENT AND KITS SHALL BE LOCATED IN AN ACCESSIBLE LOCATION.
32. ALL STORM DRAINS, DECK DRAINS AND LANDSCAPING WILL BE THE OWNER'S RESPONSIBILITY.
33. ALL FENCE REQUIREMENTS WILL BE THE OWNER'S RESPONSIBILITY.
34. COVERS. A COVER FOR OUTDOOR POOLS OR OUTDOOR SPAS THAT HAVE A HEAT PUMP OR GAS HEATER.
35. THESE DRAWINGS REPRESENT THE POOL AND SPA FEATURES FOR THIS PROJECT ALL DECKING LIMITS, DRAINAGE, WALKWAYS, FENCING DESIGN, BATHROOMS DESIGN, UTILITIES, AND OTHER STRUCTURES SHOWN ON THE PLAN SHALL BE DOCUMENTED BY OTHER DISCIPLINES.

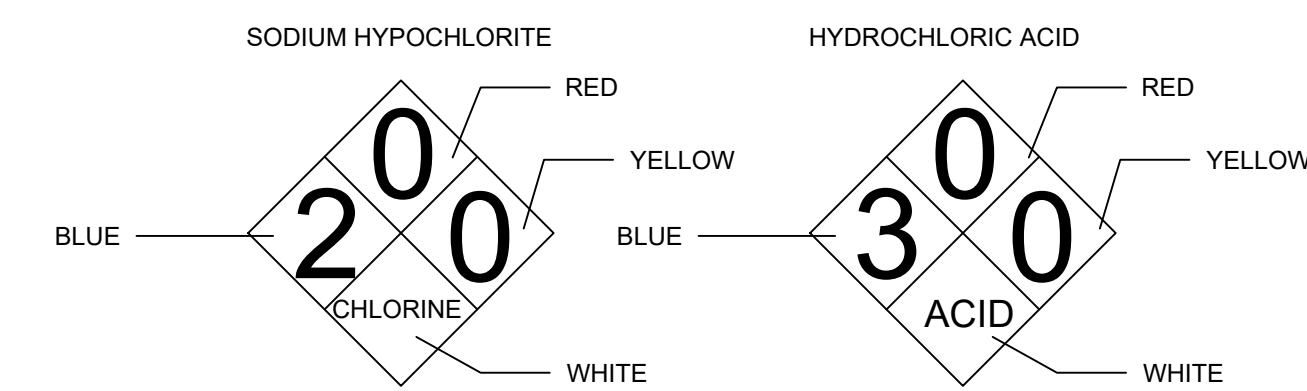
PLUMBING NOTES:

1. THE POOL SHALL HAVE DIRECTIONAL INLETS THAT ADEQUATELY MIX THE POOL WATER.
2. EACH FIXTURE TRAP SHALL HAVE A PROTECTING VENT SO LOCATED THAT THE DEVELOPED LENGTH OF THE TRAP ARM FROM THE TRAP WEIR TO THE INNER EDGE OF THE VENT SHALL BE WITHIN THE DISTANCE GIVEN IN TABLE 1002.2 CPC, BUT IN NO CASE LESS THAN TWO TIMES THE DIAMETER OF THE TRAP ARM.
3. EACH PLUMBING FIXTURE THAT CONNECTS TO THE SANITARY SEWER SYSTEM SHALL BE PROPERLY TRAPPED AND VENTED IN ACCORDANCE WITH THE 2013 CALIFORNIA PLUMBING CODE.
4. FLOOR DRAINS OR SIMILAR TRAPS DIRECTLY CONNECTED TO THE DRAINAGE SYSTEMS AND SUBJECT TO INFREQUENT USE SHALL BE PROVIDED WITH AN APPROVED AUTOMATIC MEANS OF MAINTAINING THEIR WATER SEALS.
5. BUILDING DRAIN AND VENT PIPING MATERIALS SHALL COMPLY WITH SECTIONS 701.0 AND 903.0 OF THE CALIFORNIA PLUMBING CODE.
6. EACH VENT SHALL RISE VERTICALLY TO A POINT NOT LESS THAN SIX (6) INCHES ABOVE THE FLOOD -LEVEL RIM OF THE FIXTURE SERVED BEFORE OFFSETTING HORIZONTALLY OR BEFORE CONNECTING TO ANOTHER VENT.

CHEMICALS NOTES:

- A. COMMON PROPERTY NAME:
- SODIUM-HYPOCHLORITE (BLEACH) – NaOCl
 - CAS (CHEMICAL ABSTRACT SERVICE) REGISTRATION NO: 7681-52-9
 - PRODUCT NAME: HASACHLOR
 - MATERIAL: OXIDIZER
 - HEALTH HAZARD: SKIN CORROSION / IRRITATION = CATEGORY 1
 - HEALTH HAZARD: SERIOUS EYE DAMAGE / EYE IRRITATION = CATEGORY 1
 - HEALTH HAZARD: SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) = CATEGORY 3
 - ENVIRONMENTAL HAZARD: HAZARDOUS TO THE AQUATIC ENVIRONMENT, ACUTE HAZARD = CATEGORY 1
 - PHYSICAL HAZARD: CORROSIVE TO METALS = CATEGORY 1
 - STORAGE AMOUNT: MAXIMUM STORAGE PER TABLE 5003.1.1 (2) – 500 GALLONS. ON SITE STORAGE: 0.0 GALLONS STORED IN THE EQUIPMENT ROOM: 35 GALLONS USED IN CLOSED SYSTEM AT A GIVEN TIME
- B. COMMON PROPERTY NAME: HYDROCHLORIC ACID (SPIRITS OF SALT) – HCL
- CAS (CHEMICAL ABSTRACT SERVICE) REGISTRATION NO: 7647-01-0
 - PRODUCT NAME: HASA MURIATIC ACID
 - MATERIAL: OXIDIZER
 - HEALTH HAZARD: ACUTE TOXICITY (ORAL) = CATEGORY 4
 - HEALTH HAZARD: SKIN CORROSION / IRRITATION = CATEGORY 1
 - HEALTH HAZARD: SERIOUS EYE DAMAGE / EYE IRRITATION = CATEGORY 1
 - HEALTH HAZARD: SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) = CATEGORY 3
 - PHYSICAL HAZARD: CORROSIVE TO METALS = CATEGORY 1
 - STORAGE AMOUNT: MAXIMUM STORAGE PER TABLE 5003.1.1 (2) – 500 GALLONS. ON SITE STORAGE: 0.0 GALLONS STORED IN THE EQUIPMENT ROOM: 35 GALLONS USED IN CLOSED SYSTEM AT A GIVEN TIME
- C. STORAGE AMOUNT: NONE
- D. ON SITE STORAGE: NONE

HAZARDOUS MATERIALS SIGNAGE



* ALL SIGNAGE AND PLACARDING DETAILS SHALL BE IN ACCORDANCE WITH NFPA 704

WARRANTY:

1. THE SHELL OF THE POOL AND ALL RELATED WORK SHALL BE WARRANTED AGAINST CRACKING OR FAILURE TO HOLD WATER FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION, PROVIDED THE POOL IS KEPT FULL OF WATER EXCEPT FOR A PERIOD OF 10 DAYS PER YEAR FOR MAINTENANCE, THE WATER TABLE IS NOT ABOVE THE LOWEST POINT OF THE POOL, THE STRUCTURE IS NOT DAMAGED BY EARTHQUAKE, EARTH OR EARTH FILL MOVEMENT, OR CONDITIONS NOT OCCASIONED BY THE CONTRACTOR.
2. ALL EQUIPMENT SHALL BE WARRANTED BY THE MANUFACTURER FOR A MINIMUM OF ONE (1) YEAR FOLLOWING THE DATE OF SUBSTANTIAL COMPLETION.
3. WARRANT FINISH SURFACES AND FINISHES FOR (1) YEAR AGAINST DELAMINATING.
4. OPERATION AND MAINTENANCE MANUALS
 - PRODUCT INFORMATION
 - MAINTENANCE PROCEDURES
 - HEALTH PREMIT DRAWINGS AND REFERENCE SHEETS
 - BUILDING PREMIT DRAWINGS AND REFERENCE SHEETS



LIQUID DESIGN AQUATIC CONSULTING COMPANY
dba: Liquid Design Pools
C53 #1036785

1852 West 11th St #346
Tel: 1-209-947-5277
Att: Josh Toland



NOT FOR CONSTRUCTION
DESIGN DOCUMENT



PROJECT

MARRIOTT DUAL BRAND
HOTEL
880 TIOGA AVENUE,
Sand City, CA 93955

No.	Revision	Date
	Permit Set	04.12.2024

CODE COMPLIANCE NOTES

Liquid Design Project #	2024-2DC
Date :	11/08/2023
Drawn By	JS
Checked By	WM
Designed By	JT

SP - 1.2

EQUIPMENT ROOM



Plans Approved

Roger Beretti
 Roger Beretti, REHS
 Environmental Health Bureau

05/31/2024 2:09:00 PM

SIGN

Sheet SP-6.3 "I"

THROW RING

Sheet SP-4.6 "F"

HOOK

Sheet SP-4.6 "F"



LIQUID DESIGN AQUATIC
 CONSULTING COMPANY
 dba: Liquid Design Pools
 CS3 #1036785

1852 West 11th St. #346
 Tel: 1-209-597-5277
 Att: Josh Toland



NOT FOR CONSTRUCTION
 DESIGN DOCUMENT



CSI CONSTRUCTION

PROJECT

MARRIOTT DUAL BRAND
 HOTEL
 880 TIOGA AVENUE,
 Sand City, CA 93955

No.	Revision	Date
	Permit Set	04.12.2024

**SITE
 PLAN**

Liquid Design Project #	2024-2DC
Date :	11/08/2023
Drawn By	JS
Checked By	WM
Designed By	JT

SP - 2.0

GATE

SIGNAGE

THROW RING
 ROPE
 HOOK

POOL

POOL
 ADA

J-BOX

HOSE BIBB

GATE

HOSE BIBB

J-BOX

SPA E.S.O

SPA
 TRANSFER WALL
 5' ALLOWANCE

DRAIN BY OTHERS

SPA

SIGNAGE

GATE

J-BOX

HOSE BIBB

1/8" = 1'-0"



LIQUID DESIGN AQUATIC CONSULTING COMPANY
 dba: Liquid Design Pools
 CS3 #1036785

1852 West 11th St #346
 Tel: 1-209-597-5277
 Att: Josh Toland



NOT FOR CONSTRUCTION
 DESIGN DOCUMENT



PROJECT

MARRIOTT DUAL BRAND HOTEL
 880 TIOGA AVENUE,
 Sand City, CA 93955

No.	Revision	Date
	Permit Set	04.12.2024

EQUIPMENT ROOM LAYOUT

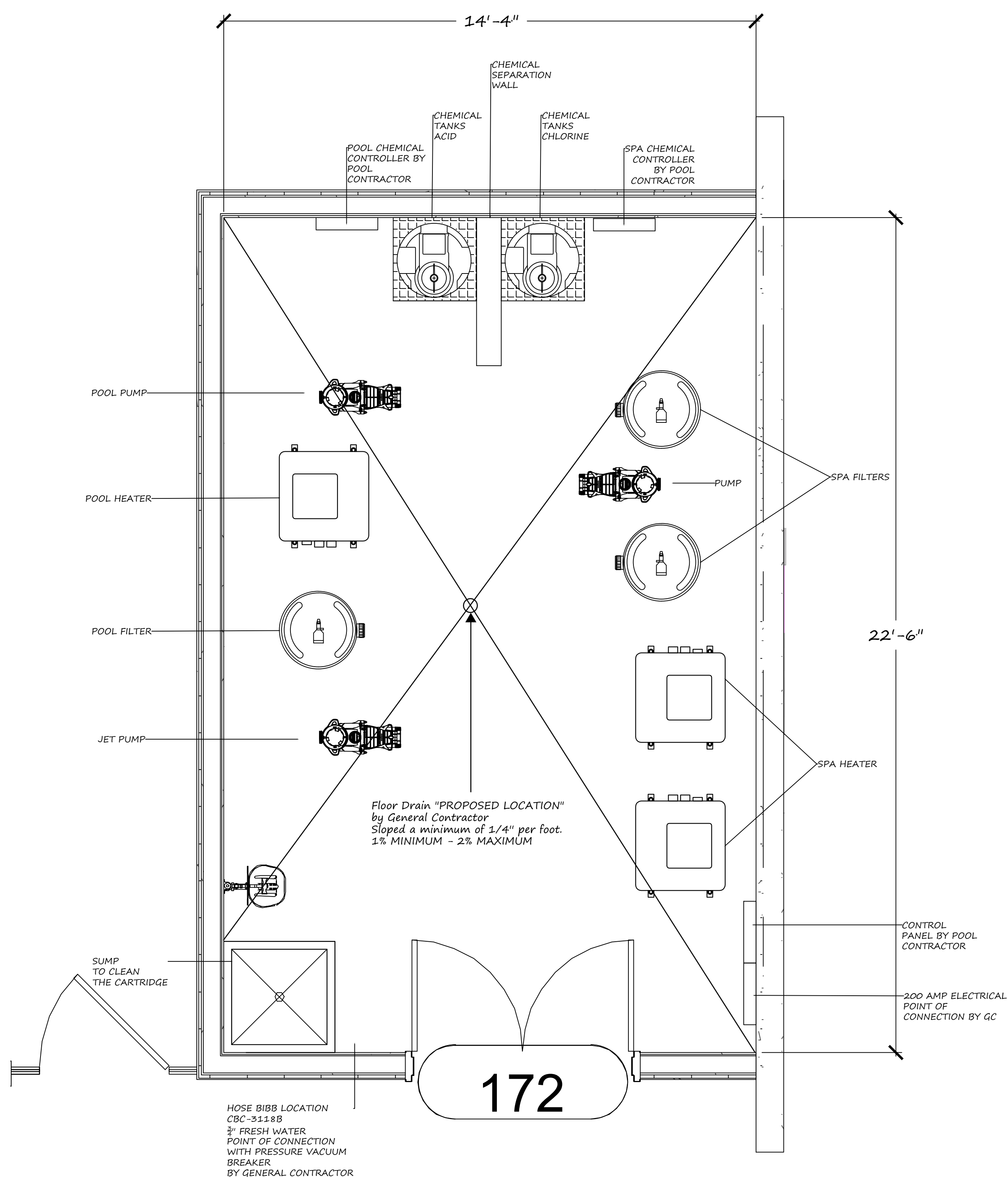
Liquid Design Project # 2024-2DC
 Date: 11/08/2023
 Drawn By JS
 Checked By WM
 Designed By JT

SP - 3.0

3123B.2 Equipment. All pumps, filters, chemical feeders, skimmers and supplemental equipment shall comply with the applicable requirements established by the NSF/ANSI 50-2012 performance standard effective September 2012.

3123B.3 Installation. All equipment related to pool operations shall be installed and maintained according to this chapter and in accordance with the equipment manufacturer's written instructions.

3123B.4 Equipment access. All filters, valves, pumps, strainers and equipment shall be readily accessible for repair and replacement.



- SPA PUMP — Sheet SP-6.0 "C"
- POOL PUMP — Sheet SP-6.0 "A"
- HEATER — Sheet SP-6.0 "I"
- FILTER — Sheet SP-6.0 "E"
- CHEMICAL CONTROLLER — Sheet SP-6.2 "I"
- CHEMICAL FEEDER — Sheet SP-6.3 "E"
- CHEMICAL TANK — Sheet SP-6.2 "B"
- AUTOFILL — Sheet SP-6.2 "J"
- SEPARATION WALL — Sheet SP-4.4 "H"

Plans Approved

Roger Beretti
 Roger Beretti, REHS
 Environmental Health Bureau
 05/31/2024 2:09:22 PM

1/2" = 1'-0"

- Basis of Design = Size: 37' 10" X 22' 0"
- Basis of Design = Parameter 121
- Basis of Design = Depth: 3' 6" to 5' 0"
- Basis of Design = Area: 845 Square Feet Square Feet
- Basis of Design = Gallons: 26940
- Basis of Design = Filter Suction Main Drains Grates (WATERWAY 12" * 12")

3108B.3 Finish color.

The finish color shall be white except for the following which shall be of contrasting color:

1. Lane and other required pool markings described in Section 3110B; and
2. The top surface edges of benches in spa pools; and
3. The edge of pool steps; and
4. Tiles installed at the waterline; and
5. Tiles installed at the 4 ½-foot (1372 mm) depth line.

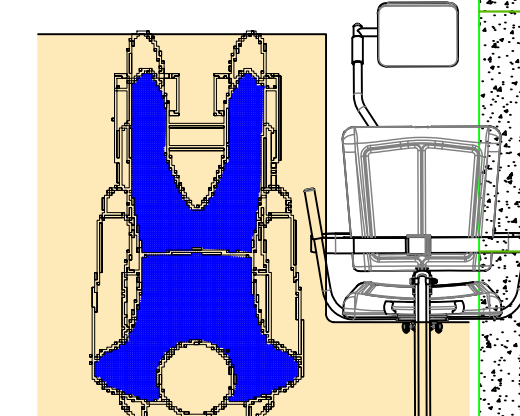


Plans Approved

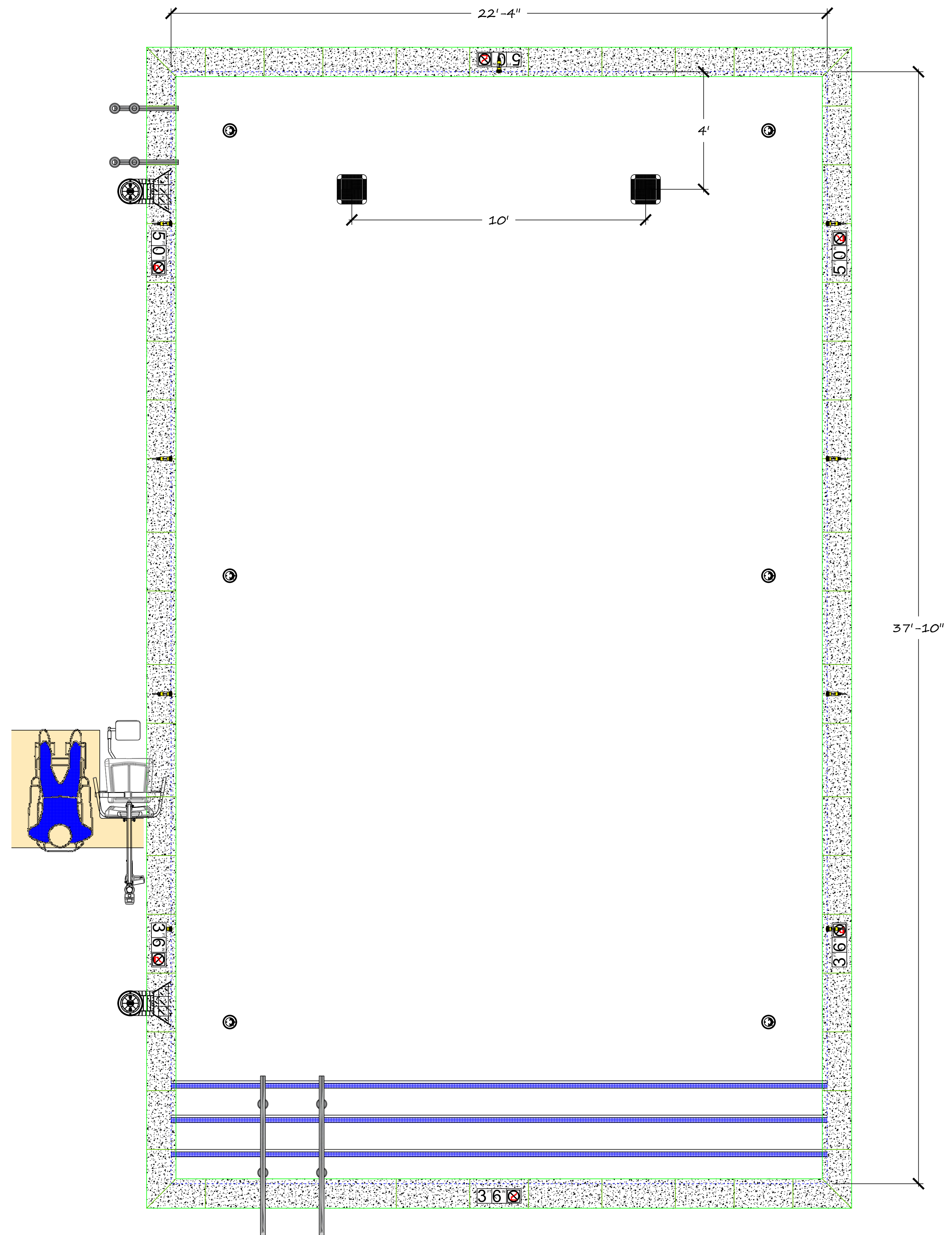
Roger Beretti

Roger Beretti, REHS
Environmental Health Bureau

05/31/2024 2:09:50 PM



1/2" = 1'-0"



LIQUID DESIGN AQUATIC CONSULTING COMPANY
dba: Liquid Design Pools
CS3 #1036785

1852 West 11th St #346
Tel: 1-209-597-5277
Att: Josh Toland



NOT FOR CONSTRUCTION
DESIGN DOCUMENT



PROJECT
MARRIOTT DUAL BRAND HOTEL
880 TIOGA AVENUE,
Sand City, CA 93955

No.	Revision	Date
	Permit Set	04.12.2024

POOL LAYOUT

Liquid Design Project #	2024-2DC
Date :	11/08/2023
Drawn By	JS
Checked By	WM
Designed By	JT

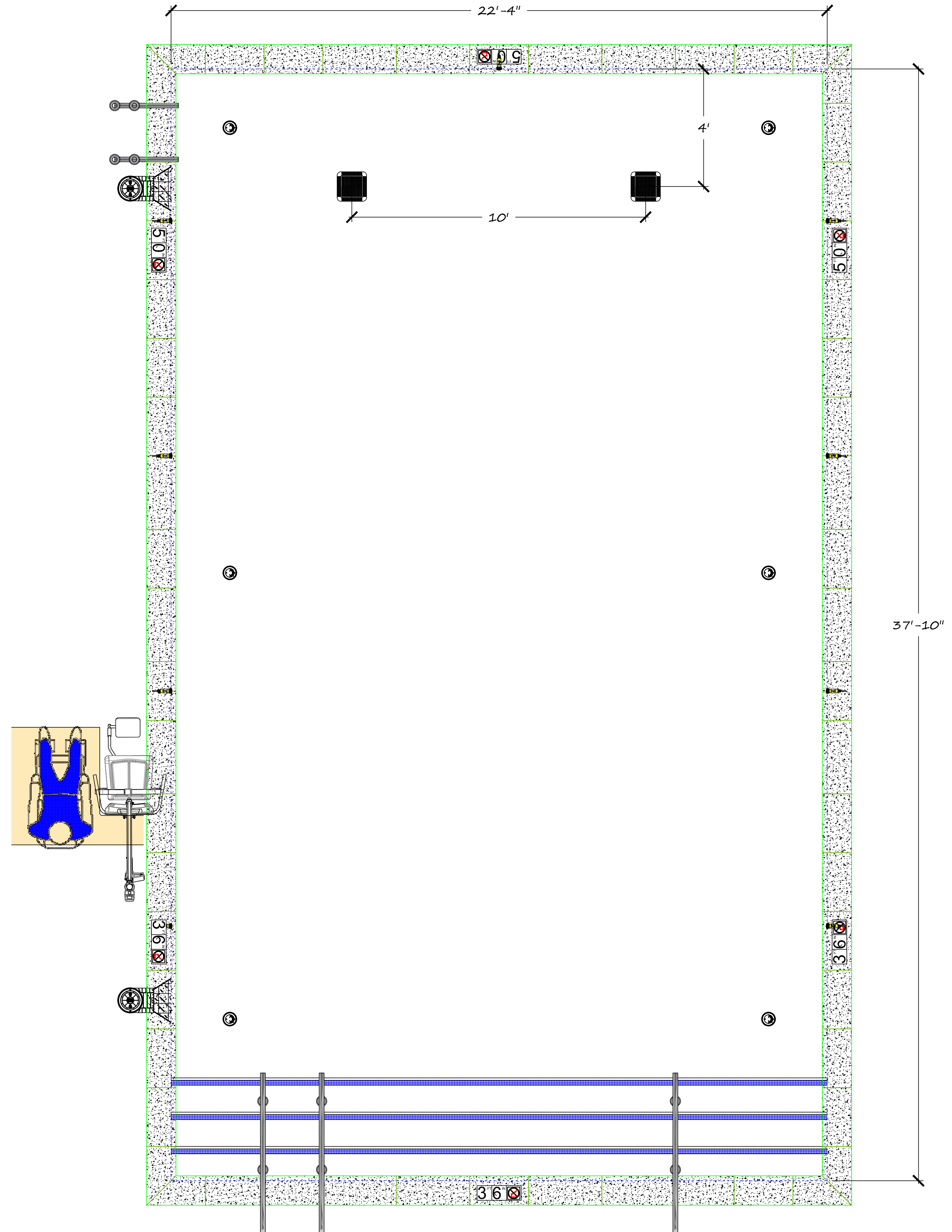
SP - 4.0

- Basis of Design = Size: 37' 10" X 22' 0"
- Basis of Design = Parameter 121
- Basis of Design = Depth: 3' 6" to 5' 0"
- Basis of Design = Area: 845 Square Feet Square Feet
- Basis of Design = Gallons: 26940
- Basis of Design = Filter Suction Main Drains Grates (WATERWAY 12" * 12")

3108B.3 Finish color.

The finish color shall be white except for the following which shall be of contrasting color:

1. Lane and other required pool markings described in Section 3110B; and
2. The top surface edges of benches in spa pools; and
3. The edge of pool steps; and
4. Tiles installed at the waterline; and
5. Tiles installed at the 4 ½-foot (1372 mm) depth line.

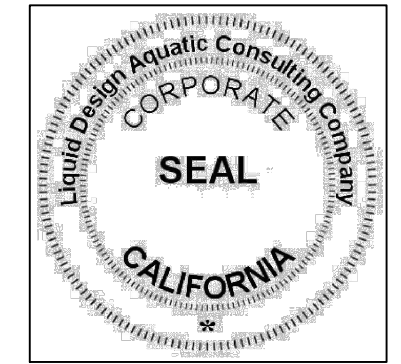


1/2" = 1'-0"



LIQUID DESIGN AQUATIC CONSULTING COMPANY
dba: Liquid Design Pools
CS3 #1036785

1852 West 11th St #346
Tel: 1-209-597-5277
Att: Josh Toland



NOT FOR CONSTRUCTION
DESIGN DOCUMENT



PROJECT
MARRIOTT DUAL BRAND HOTEL
880 TIOGA AVENUE,
Sand City, CA 93955

No.	Revision	Date
	Permit Set	04.12.2024

POOL LAYOUT

Liquid Design Project # 2024-2DC
Date : 11/08/2023
Drawn By JS
Checked By WM
Designed By JT

SP - 4.0U

3110B.4 Water Depth Markers

3110B.4.1 Location. The water depth shall be clearly marked at the following locations:

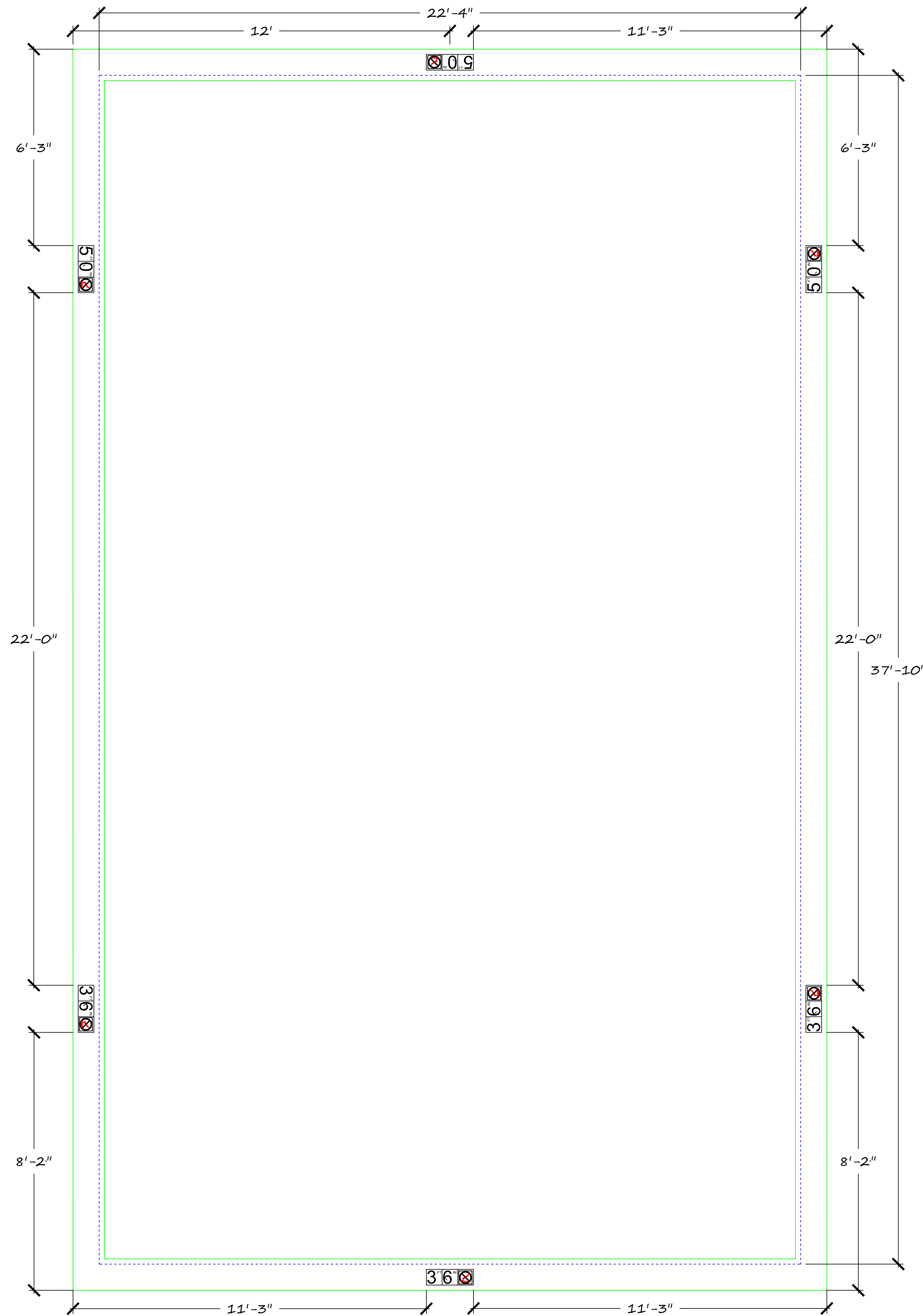
1. Maximum depth; and
2. Minimum depth; and
3. Each end; and
4. Both sides at the shallowest and deepest part of the pool; and
5. At the break in the bottom slope between the shallow and deep portions of the pool (see also Section 3109B.3); and
6. Along the perimeter of the pool at distances not to exceed 25 feet (7620 mm).

3110B.4.2 Position. Where required by Section 3110B.4.1, depth markers shall be located in the following positions:

1. On the coping or on the deck, the depth markers shall be placed as close as possible but no more than 3 feet (914 mm) from the pool water; and
2. For pools with skimmer systems the depth markers shall be high at the waterline which typically will result in the depth markers being submerged approximately 50 percent; or

3110B.4.4 Size of markers. Depth markers shall:

1. Have numerals a minimum of 4 inches (102 mm) in height and of a color contrasting with the background and be marked in units of feet and inches. Abbreviations of FT and IN may be used in lieu of feet and inches; and
2. Be made of a durable material that is resistant to weathering; and
3. Be slip resistant when they are located on the pool deck



Plans Approved

Roger Beretti
 Roger Beretti, REHS
 Environmental Health Bureau
 05/31/2024 2:10:06 PM

1/2" = 1'-0"



LIQUID DESIGN AQUATIC
 CONSULTING COMPANY
 dba: Liquid Design Pools
 CS3 #1036785

1852 West 11th St #346
 Tel: 1-209-597-5277
 Att: Josh Toland



NOT FOR CONSTRUCTION
 DESIGN DOCUMENT



PROJECT
 MARRIOTT DUAL BRAND
 HOTEL
 880 TIOGA AVENUE,
 Sand City, CA 93955

No.	Revision	Date
	Permit Set	04.12.2024

**POOL
 MARKER**

Liquid Design Project # 2024-2DC
 Date: 11/08/2023
 Drawn By JS
 Checked By WM
 Designed By JT

SP - 4.0.0

Piping Sizes:

Pool Filtration System;

- * 3" Main Drain PVC schedule 40 piping through out from the pump to the risers in the pool.
- * 3" Skimmer PVC schedule 40 piping from the room to the "T".
- ** 2" PVC schedule 40 from the "T" to each skimmer equal distances balancing flow between the skimmers.
- * 3" Return PVC schedule 40 piping from the room to the "T". 2" from the "T" to the risers at each return location.

3124B Turnover Time

The recirculation system shall have the capacity to provide a complete turnover of pool water in:

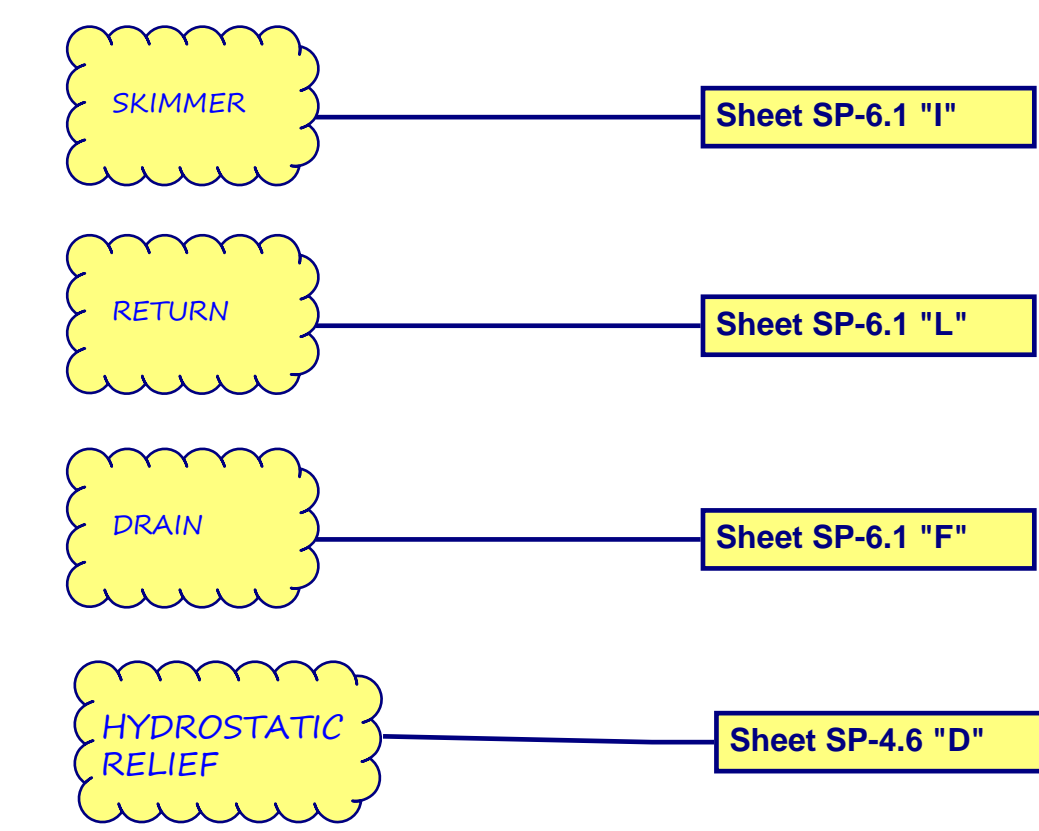
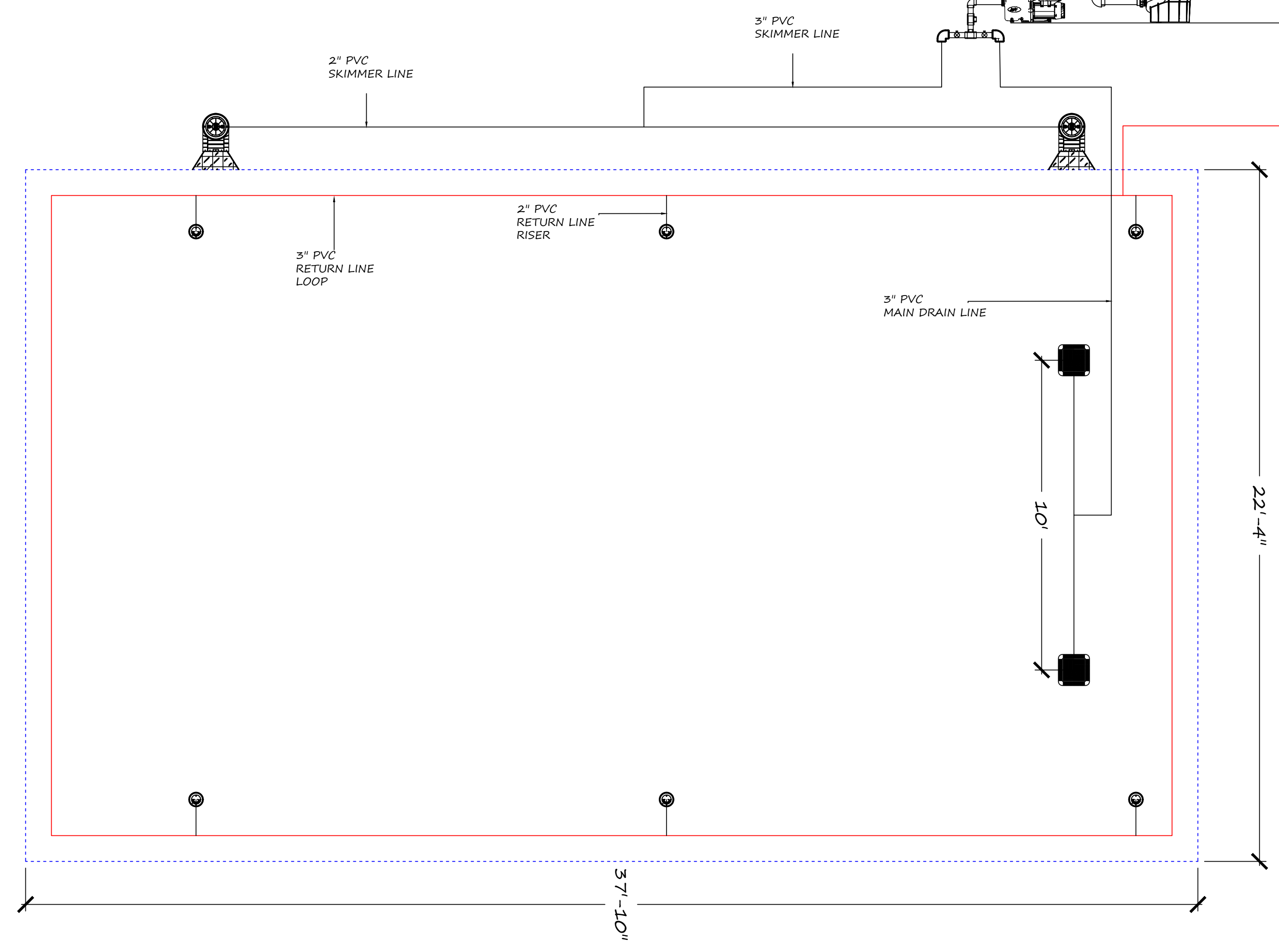
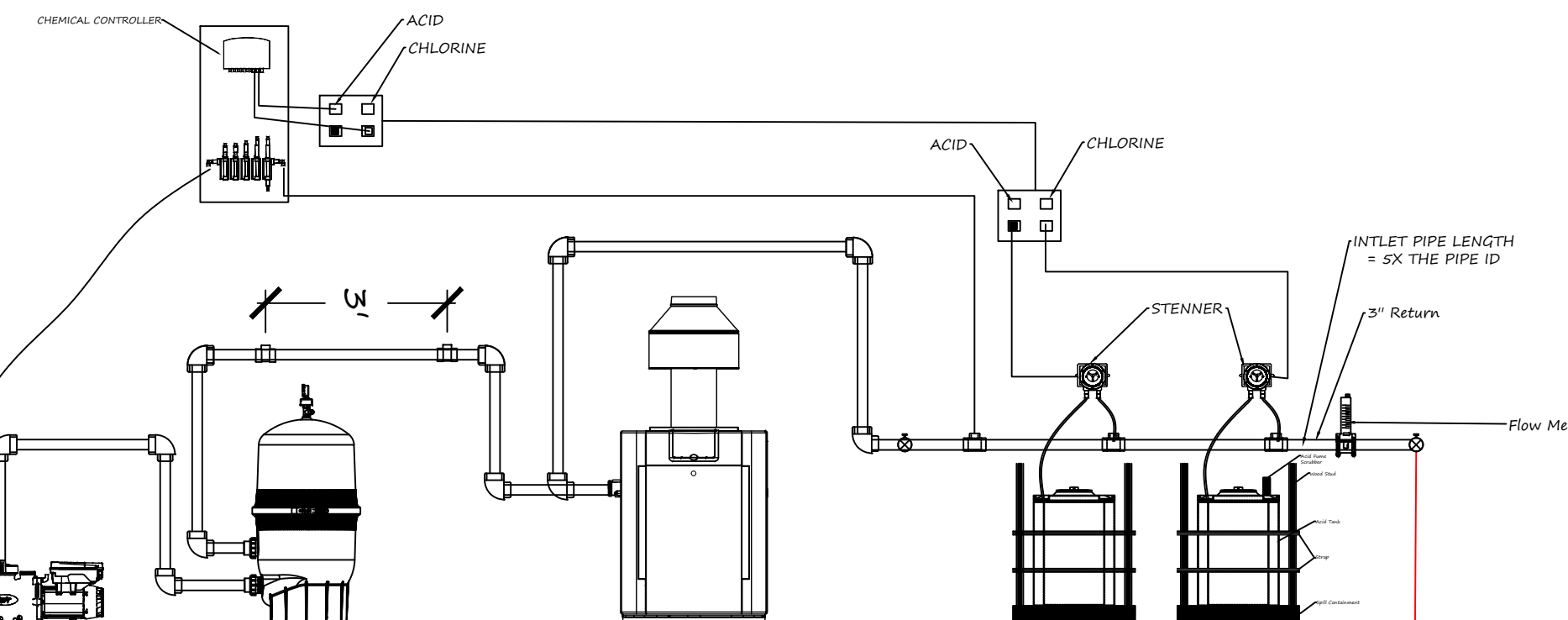
1. One-half hour or less for a spa pool; and
2. One-half hour or less for a spray ground; and
3. One hour or less for a wading pool; and
4. Two hours or less for a medical pool; and
5. Six hours or less for all other types of public pools.

3123B General Requirements

3123B.1 System description. Each pool shall be provided with a separate recirculation system designed for the continuous recirculation, filtration and disinfection of the pool water. The system shall consist of pumps, filters, chemical feeders, skimmers or perimeter overflow systems, valves, pipes, connections, fittings and appurtenances.

Exception: Pools using fresh water equivalent in flow to the requirements of Section 3124B.

Note: Fresh makeup pool water shall conform to the water quality standards of Section 65531, Chapter 20, Title 22, California Code of Regulations.



- Basis of Design = Size: 37' 10" X 22' 0"
- Basis of Design = Parameter 121
- Basis of Design = Depth: 3' 6" to 5' 0"
- Basis of Design = Area: 845 Square Feet Square Feet
- Basis of Design = Gallons: 26940
- Basis of Design = Filter Suction Main Drains Grates (WATERWAY 12" * 12")
- Turnover Time = 229 min.

Plans Approved
 Roger Beretti
 Roger Beretti, REHS
 Environmental Health Bureau
 05/31/2024 2:10:27 PM



LIQUID DESIGN AQUATIC CONSULTING COMPANY
 dba: Liquid Design Pools
 CS3 #1036785

1852 West 11th St #346
 Tel: 1-209-597-5277
 Att: Josh Toland



NOT FOR CONSTRUCTION
 DESIGN DOCUMENT



PROJECT
 MARRIOTT DUAL BRAND HOTEL
 880 TIOGA AVENUE,
 Sand City, CA 93955

No.	Revision	Date
	Permit Set	04.12.2024

POOL PLUMBING

Liquid Design Project # 2024-2DC
 Date: 11/08/2023
 Drawn By JS
 Checked By WM
 Designed By JT

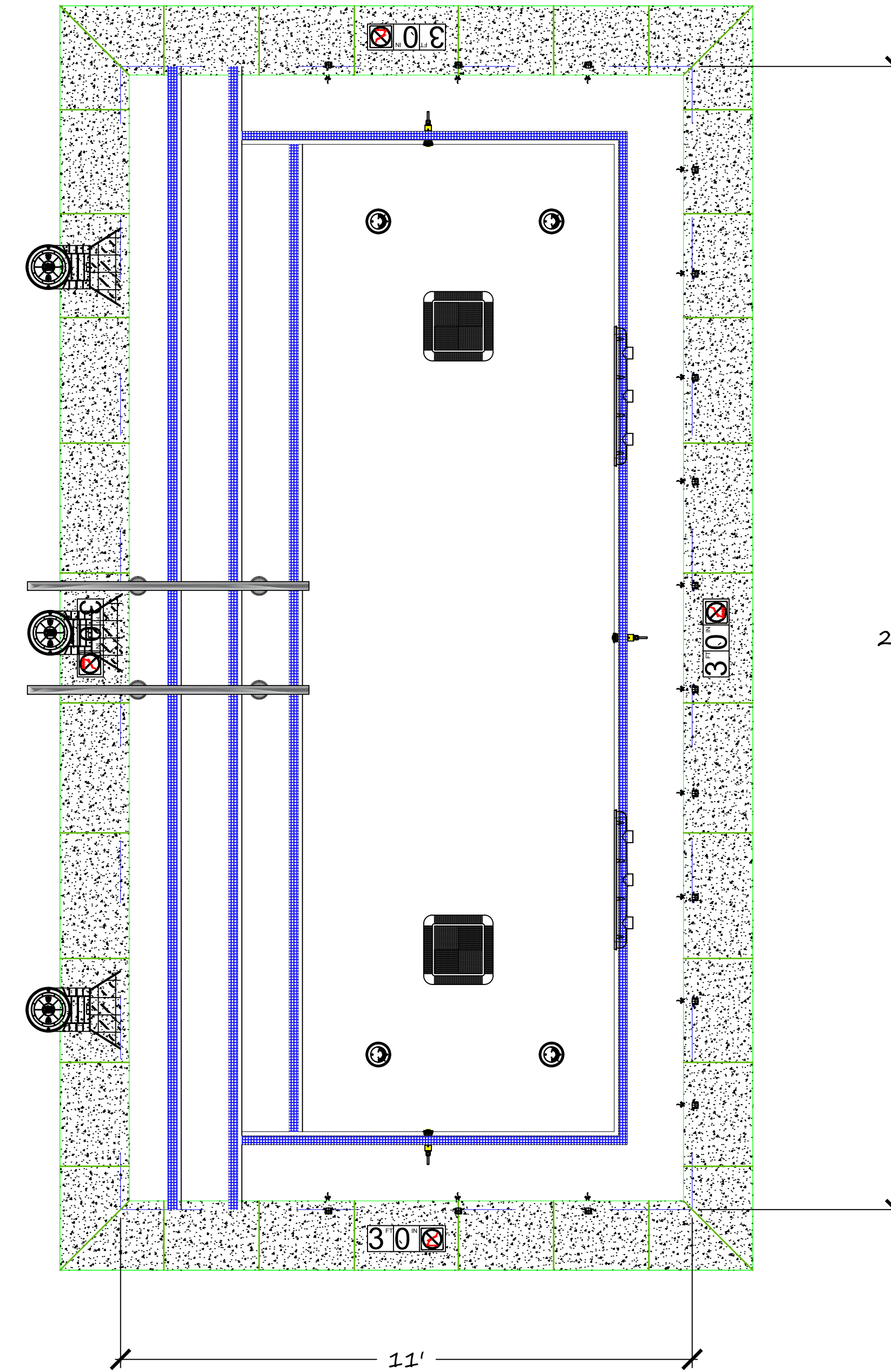
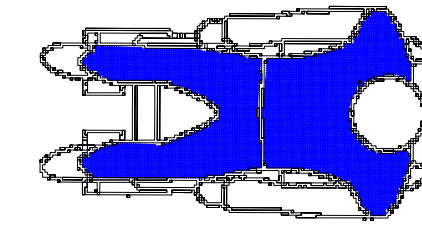
SP - 4.0.2

- Basis of Design = Size: 22' 0" X 11' 0"
- Basis of Design = Parameter 66
- Basis of Design = Depth: 3' 0"
- Basis of Design = Area: 242 Square Feet Square Feet
- Basis of Design = Gallons: 5,445
- Basis of Design = Filter Suction Main Drains Grates (WATERWAY 12" * 12")



Plans Approved

Roger Beretti
 Roger Beretti, REHS
 Environmental Health Bureau
 05/31/2024 2:10:40 PM



3108B.3 Finish color.

The finish color shall be white except for the following which shall be of contrasting color:

1. Lane and other required pool markings described in Section 3110B; and
2. The top surface edges of benches in spa pools; and
3. The edge of pool steps; and
4. Tiles installed at the waterline; and
5. Tiles installed at the 4 1/2-foot (1372 mm) depth line.

3138B Spa Pool Special Requirements

3138B.1 Aeration system. A spa pool aeration and/or jet system shall be completely separate from the recirculation system and shall not be interconnected with any other pool.

3138B.2 Maximum operating temperature. The allowable water temperature of a spa pool shall not exceed 104° F (40° C).

3138B.3 Surface area. The water surface area of a spa pool shall not exceed 250 square feet (23.23 m2).

3138B.4 Maximum depth. The water depth in a spa pool shall not exceed 4 feet (1220 mm).

3138B.5 Emergency shut off switch. A clearly labeled emergency shut off switch for the control of both the recirculation system and the aeration and/or jet system shall be installed adjacent to the spa pool.



LIQUID DESIGN AQUATIC CONSULTING COMPANY
 dba: Liquid Design Pools
 CS3 #1036785

1852 West 11th St. #346
 Tel: 1-209-597-5277
 Att.: Josh Toland



NOT FOR CONSTRUCTION
 DESIGN DOCUMENT



PROJECT
 MARRIOTT DUAL BRAND
 HOTEL
 880 TIOGA AVENUE,
 Sand City, CA 93955

No.	Revision	Date
	Permit Set	04.12.2024

SPA LAYOUT

Liquid Design Project # 2024-2DC
 Date : 11/08/2023
 Drawn By JS
 Checked By WM
 Designed By JT

SP - 4.1

- Basis of Design = Size: 22' 0" X 11' 0"
- Basis of Design = Parameter 66
- Basis of Design = Depth: 3' 0"
- Basis of Design = Area: 242 Square Feet Square Feet
- Basis of Design = Gallons: 5,445
- Basis of Design = Filter Suction Main Drains Grates (WATERWAY 12" * 12")

3108B.3 Finish color.

The finish color shall be white except for the following which shall be of contrasting color:

1. Lane and other required pool markings described in Section 3110B; and
2. The top surface edges of benches in spa pools; and
3. The edge of pool steps; and
4. Tiles installed at the waterline; and
5. Tiles installed at the 4 ½-foot (1372 mm) depth line.

3138B Spa Pool Special Requirements

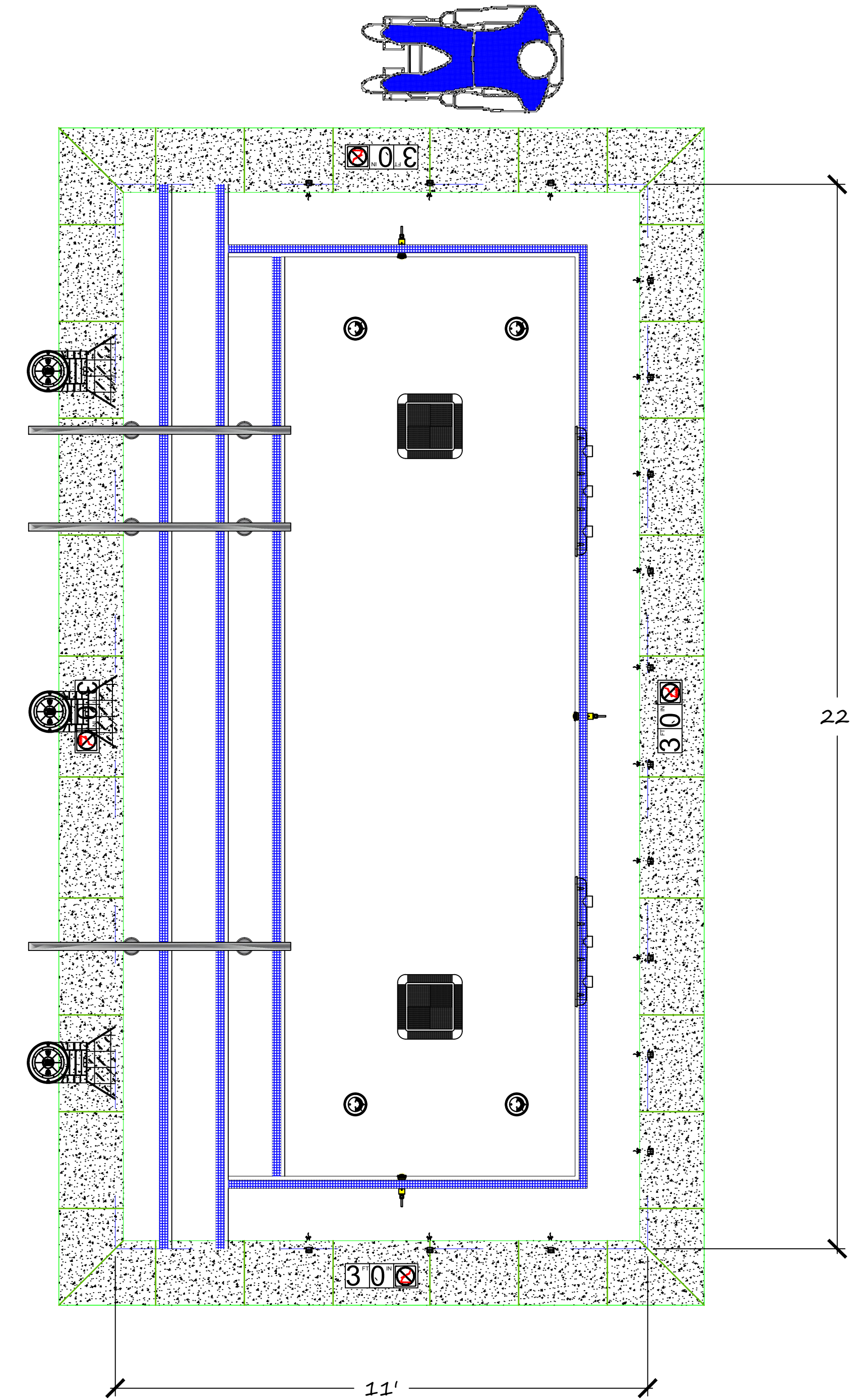
3138B.1 Aeration system. A spa pool aeration and/or jet system shall be completely separate from the recirculation system and shall not be interconnected with any other pool.

3138B.2 Maximum operating temperature. The allowable water temperature of a spa pool shall not exceed 104° F (40° C).

3138B.3 Surface area. The water surface area of a spa pool shall not exceed 250 square feet (23.23 m2).

3138B.4 Maximum depth. The water depth in a spa pool shall not exceed 4 feet (1220 mm).

3138B.5 Emergency shut off switch. A clearly labeled emergency shut off switch for the control of both the recirculation system and the aeration and/or jet system shall be installed adjacent to the spa pool.



LIQUID DESIGN AQUATIC CONSULTING COMPANY
dba: Liquid Design Pools
CS3 #1036785

1852 West 11th St. #346
Tel: 1-209-597-5277
Att.: Josh Toland



NOT FOR CONSTRUCTION
DESIGN DOCUMENT



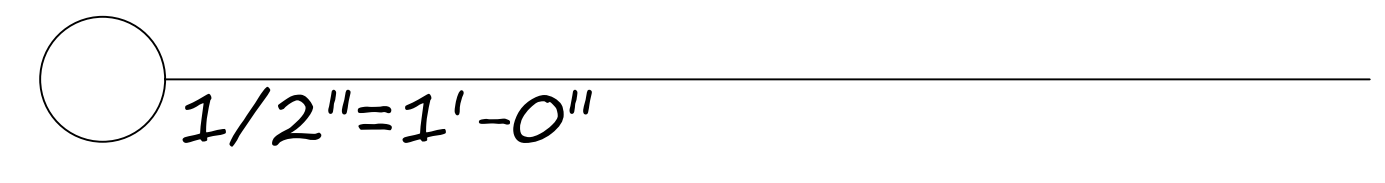
PROJECT
MARRIOTT DUAL BRAND HOTEL
880 TIOGA AVENUE,
Sand City, CA 93955

No.	Revision	Date
	Permit Set	04.12.2024

SPA LAYOUT

Liquid Design Project #	2024-2DC
Date :	11/08/2023
Drawn By	JS
Checked By	WM
Designed By	JT

SP - 4.1U



3110B.4 Water Depth Markers

3110B.4.1 Location. The water depth shall be clearly marked at the following locations:

1. Maximum depth; and
2. Minimum depth; and
3. Each end; and
4. Both sides at the shallowest and deepest part of the pool; and
5. At the break in the bottom slope between the shallow and deep portions of the pool (see also Section 3109B.3); and
6. Along the perimeter of the pool at distances not to exceed 25 feet (7620 mm).

Exception: A spa or wading pool shall have a minimum of two depth markers indicating the maximum depth

3110B.4.2 Position. Where required by Section 3110B.4.1, depth markers shall be located in the following positions:

1. On the coping or on the deck, the depth markers shall be placed as close as possible but no more than 3 feet (914 mm) from the pool water; and
2. For pools with skimmer systems the depth markers shall be high at the waterline which typically will result in the depth markers being submerged approximately 50 percent; or

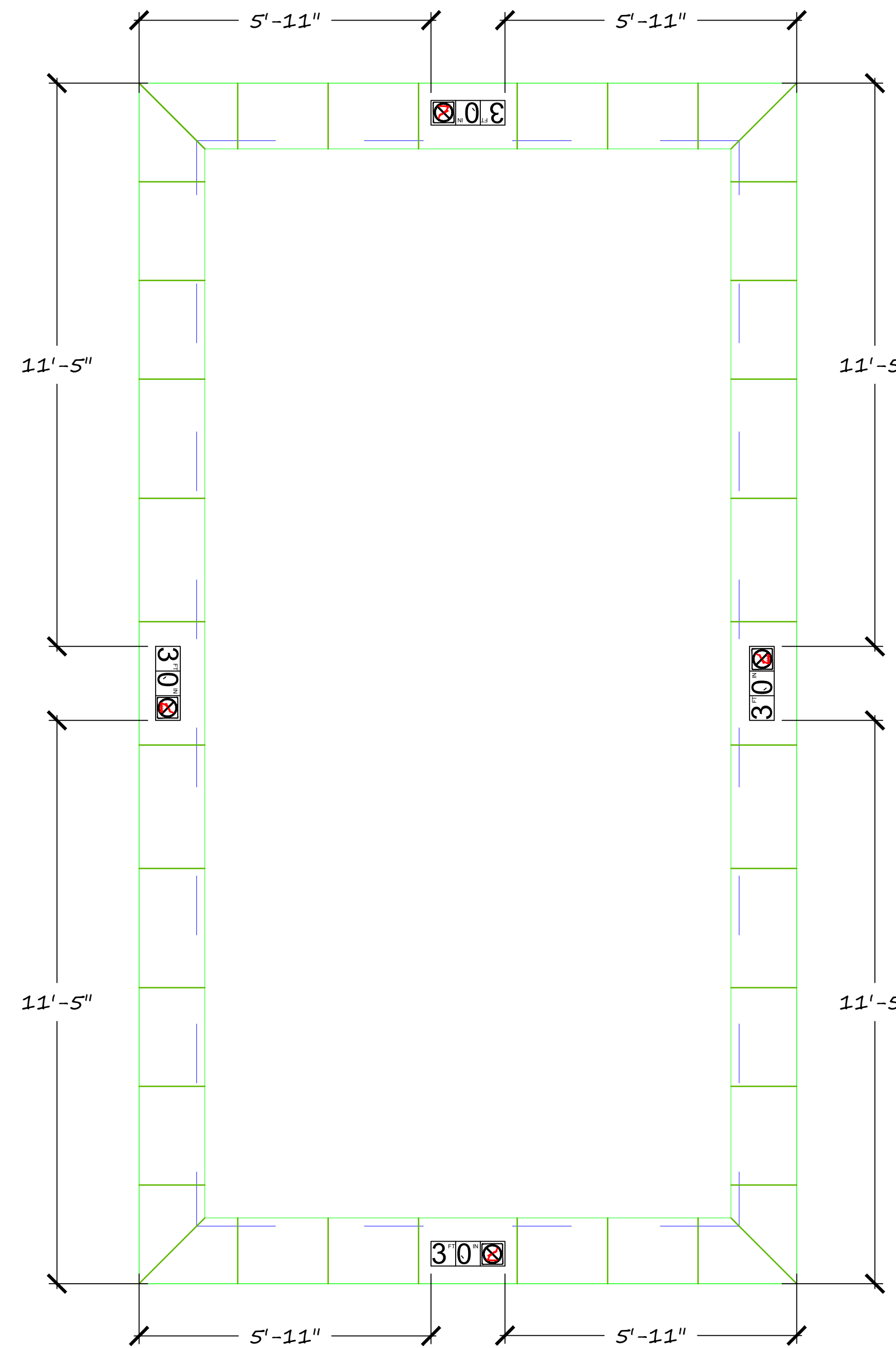
3110B.4.4 Size of markers. Depth markers shall:

1. Have numerals a minimum of 4 inches (102 mm) in height and of a color contrasting with the background and be marked in units of feet and inches. Abbreviations of FT and IN may be used in lieu of feet and inches; and
2. Be made of a durable material that is resistant to weathering; and
3. Be slip resistant when they are located on the pool deck



Plans Approved

Roger Beretti
 Roger Beretti, REHS
 Environmental Health Bureau
 05/31/2024 2:10:52 PM



LIQUID DESIGN AQUATIC
 CONSULTING COMPANY
 dba: Liquid Design Pools
 CS3 #1036785

1852 West 11th St #346
 Tel: 1-209-597-5277
 Att: Josh Toland



NOT FOR CONSTRUCTION
 DESIGN DOCUMENT



PROJECT
 MARRIOTT DUAL BRAND
 HOTEL
 880 TIOGA AVENUE,
 Sand City, CA 93955

No.	Revision	Date
	Permit Set	04.12.2024

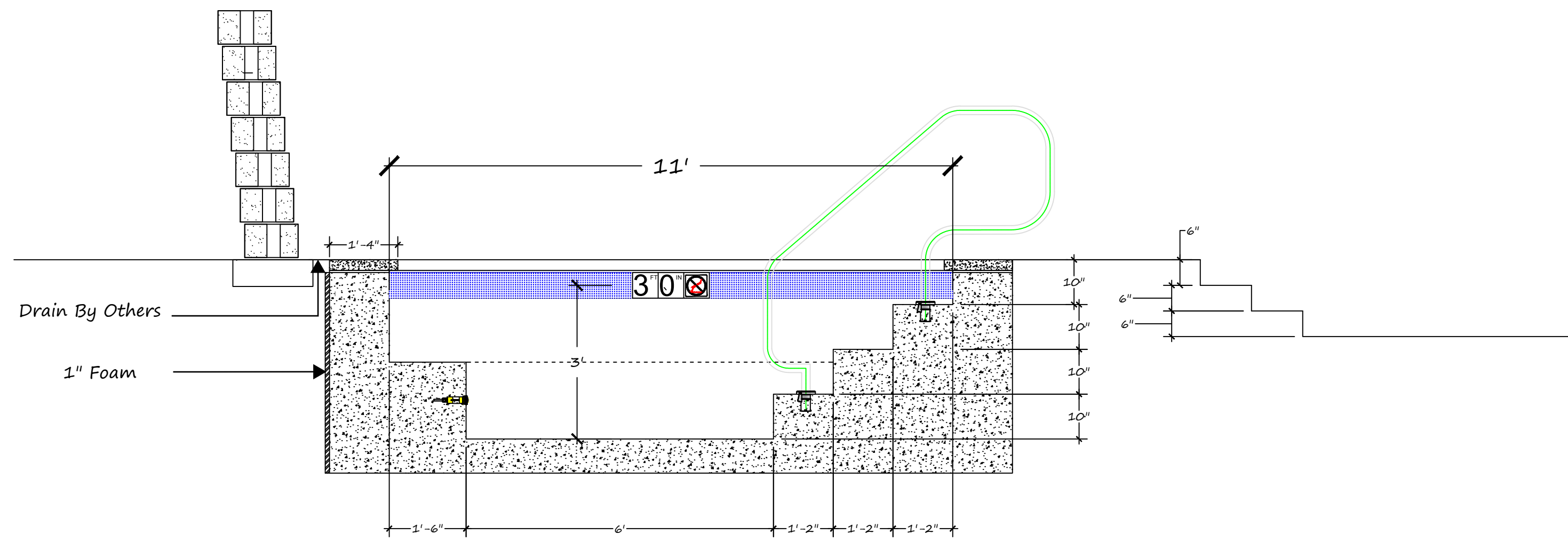
**SPA
 MARKER**

Liquid Design Project # 2024-2DC
 Date: 11/08/2023
 Drawn By JS
 Checked By WM
 Designed By JT

SP - 4.1.0

3108B.3 Finish color. The finish color shall be white except for the following which shall be of contrasting color:

1. Lane and other required pool markings described in Section 3110B; and
2. The top surface edges of benches in spa pools; and
3. The edge of pool steps; and
4. Tiles installed at the waterline; and
5. Tiles installed at the 4 ½-foot (1372 mm) depth line.



1 SPA SECTION
1/2" = 1'-0"

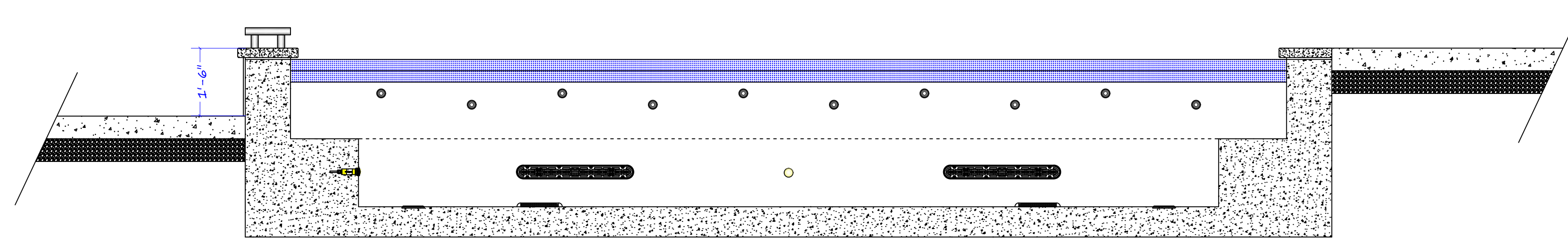
RAILS — Sheet SP-4.3 "D"

STEPS — Sheet SP-4.3 "E", "F", "C"



Plans Approved

Roger Beretti
Roger Beretti, REHS
Environmental Health Bureau
05/31/2024 2:11:21 PM



2 SPA SECTION
1/2" = 1'-0"



LIQUID DESIGN AQUATIC
CONSULTING COMPANY
dba: Liquid Design Pools
CS3 #1036785

1852 West 11th St #346
Tel: 1-209-597-5277
Att: Josh Toland



NOT FOR CONSTRUCTION
DESIGN DOCUMENT



CSI CONSTRUCTION

PROJECT

MARRIOTT DUAL BRAND
HOTEL
880 TIOGA AVENUE,
Sand City, CA 93955

No.	Revision	Date
	Permit Set	04.12.2024

POOL SECTION

Liquid Design Project #	2024-2DC
Date	11/08/2023
Drawn By	JS
Checked By	WM
Designed By	JT

SP - 4.1.1

Piping Sizes:

Spa Filtration System;

- * 4" Main Drain PVC schedule 40 piping through out from the pump to the risers in the pool.
- * 4" Skimmer PVC schedule 40 piping from the room to the "T".
- ** 2" PVC schedule 40 from the "T" to each skimmer equal distances balancing flow between the skimmers.
- * 4" Return PVC schedule 40 piping from the room to the "T". 2" from the "T" to the risers at each return location.



Plans Approved

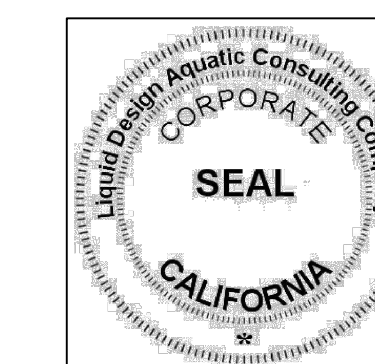
Roger Beretti
 Roger Beretti, REHS
 Environmental Health Bureau

05/31/2024 2:11:36 PM



LIQUID DESIGN AQUATIC CONSULTING COMPANY
 dba: Liquid Design Pools
 CS3 #1036785

1852 West 11th St #346
 Tel: 1-209-597-5277
 Att: Josh Toland



NOT FOR CONSTRUCTION
 DESIGN DOCUMENT



PROJECT

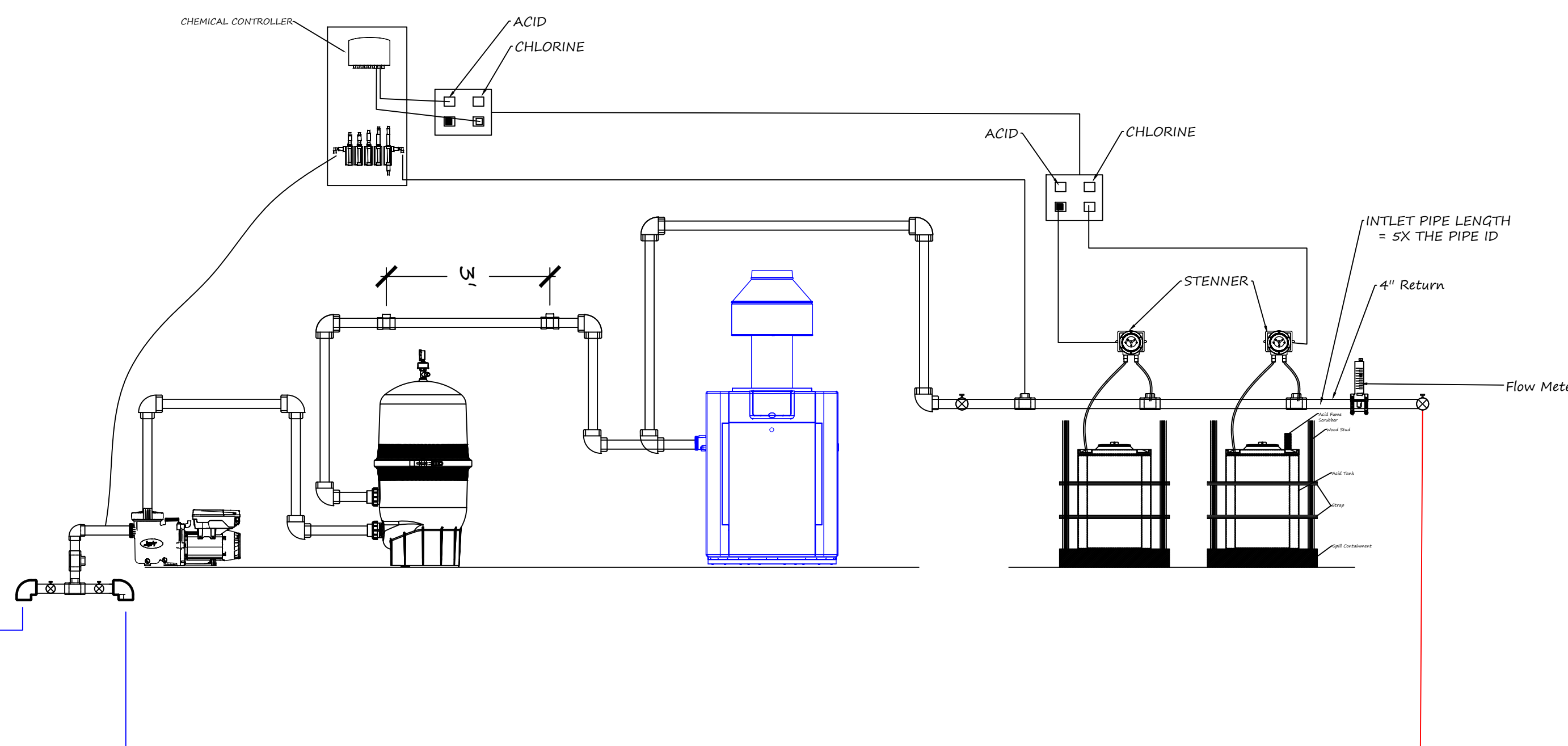
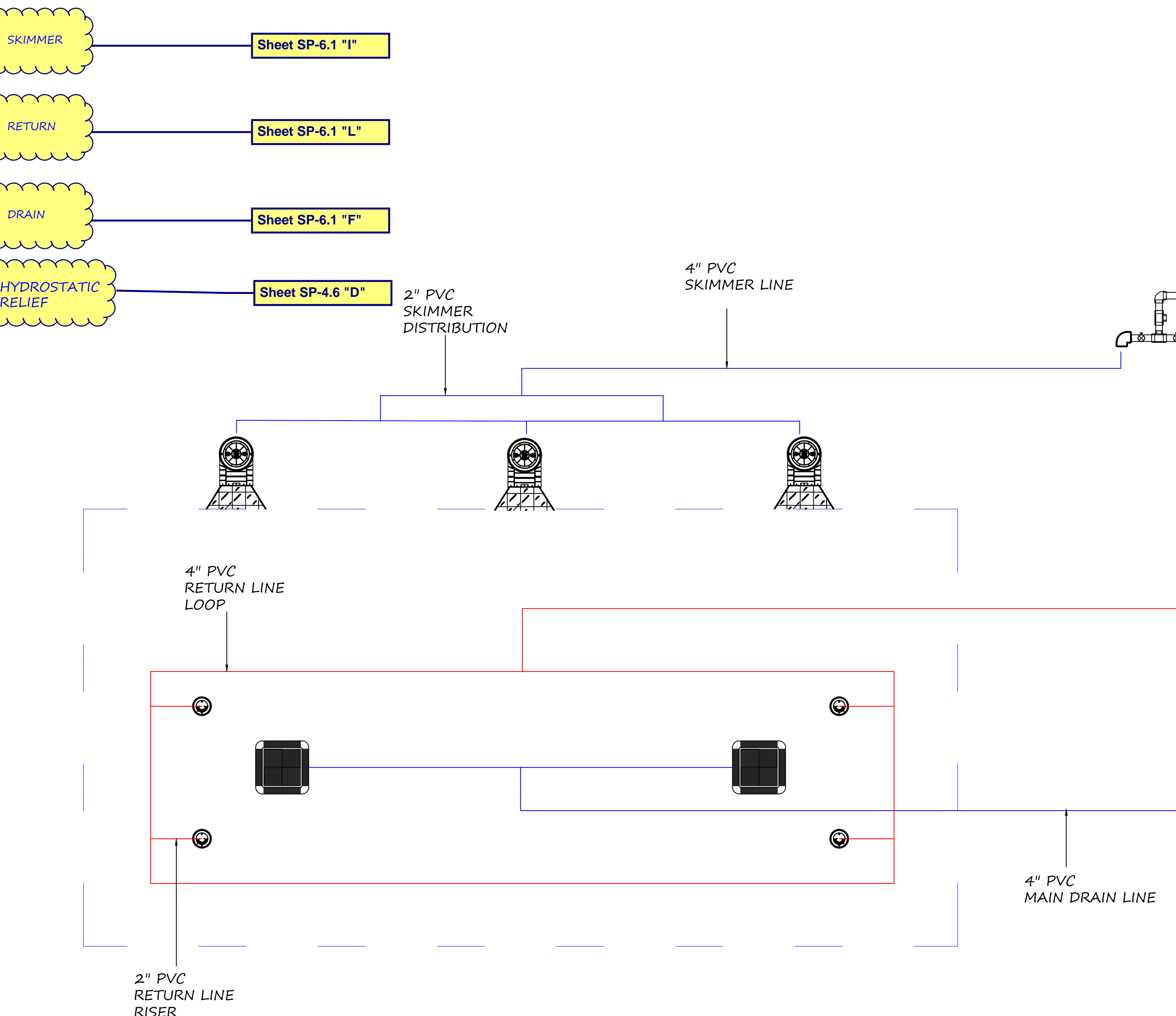
MARRIOTT DUAL BRAND HOTEL
 880 TIOGA AVENUE,
 Sand City, CA 93955

No.	Revision	Date
	Permit Set	04.12.2024

SPA PLUMBING FILTRATION

Liquid Design Project #	2024-2DC
Date :	11/08/2023
Drawn By	JS
Checked By	WM
Designed By	JT

SP - 4.1.2



3123B General Requirements

3123B.1 System description. Each pool shall be provided with a separate recirculation system designed for the continuous recirculation, filtration and disinfection of the pool water. The system shall consist of pumps, filters, chemical feeders, skimmers or perimeter overflow systems, valves, pipes, connections, fittings and appurtenances.

Exception: Pools using fresh water equivalent in flow to the requirements of Section 3124B.

Note: Fresh makeup pool water shall conform to the water quality standards of Section 65531, Chapter 20, Title 22, California Code of Regulations.

- Basis of Design = Size: 11" X 22' 0"
- Basis of Design = Parameter 66
- Basis of Design = Depth: 3' 0"
- Basis of Design = Area: 242 Square Feet Square Feet
- Basis of Design = Gallons: 5,445
- Basis of Design = Filter Suction Main Drains Grates (WATERWAY 12" * 12")
- Turnover = 24 min.

3124B Turnover Time

The recirculation system shall have the capacity to provide a complete turnover of pool water in:

1. One-half hour or less for a spa pool; and
2. One-half hour or less for a spray ground; and
3. One hour or less for a wading pool; and
4. Two hours or less for a medical pool; and
5. Six hours or less for all other types of public pools.



LIQUID DESIGN AQUATIC CONSULTING COMPANY
dba: Liquid Design Pools
CS3 #1036785

1852 West 11th St #346
Tel: 1-209-597-5277
Att: Josh Toland



NOT FOR CONSTRUCTION
DESIGN DOCUMENT



PROJECT
MARRIOTT DUAL BRAND HOTEL
880 TIOGA AVENUE,
Sand City, CA 93955

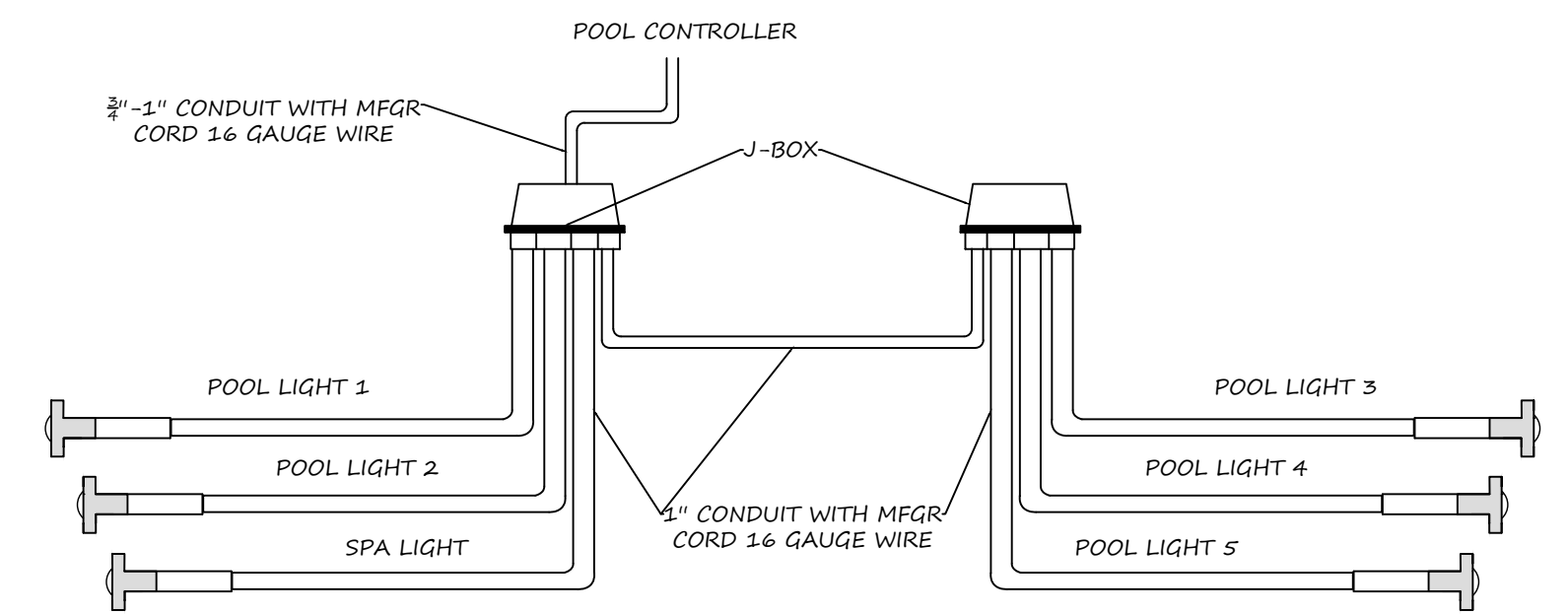
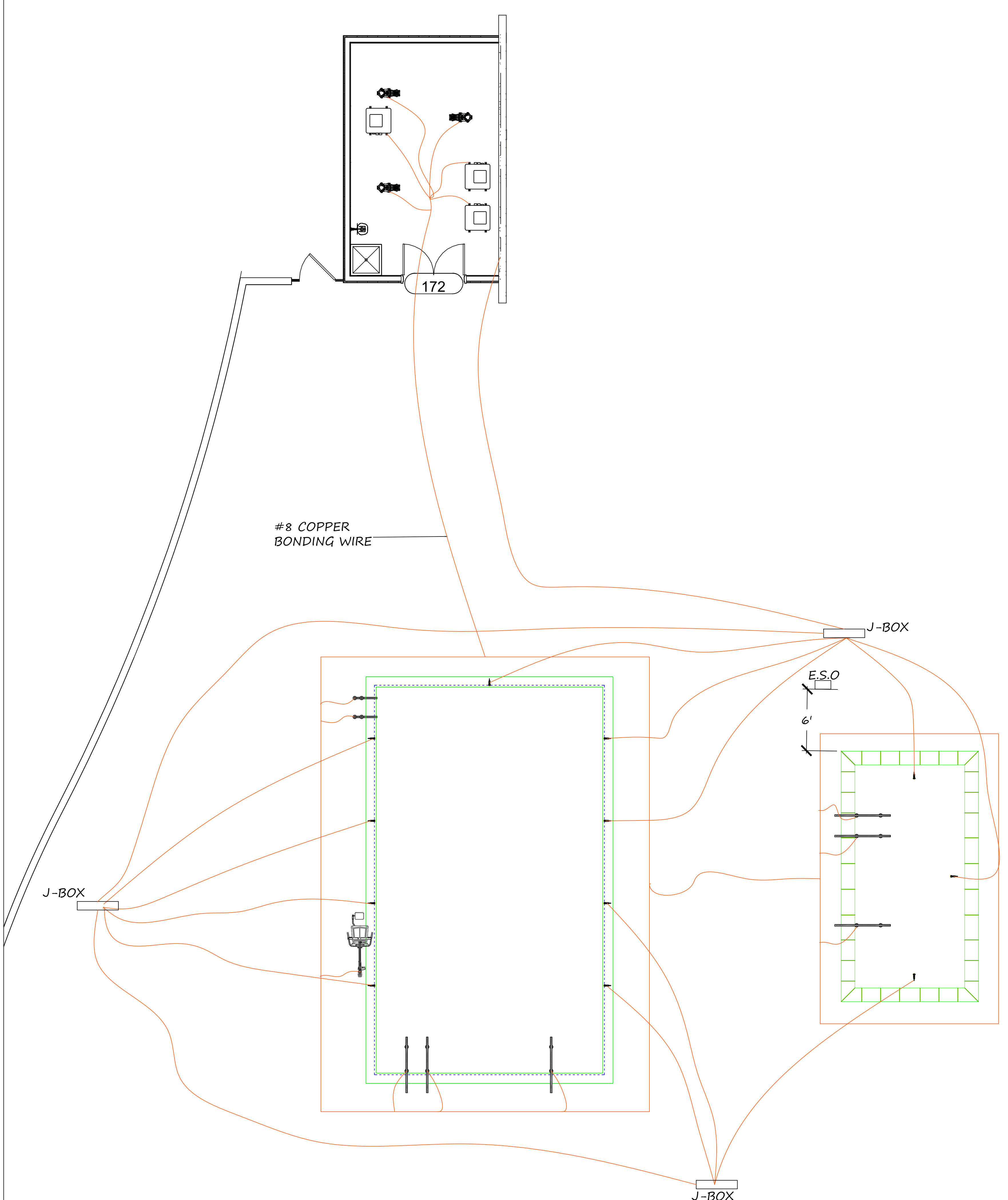
No.	Revision	Date
	Permit Set	04.12.2024

E.S.O BONDING

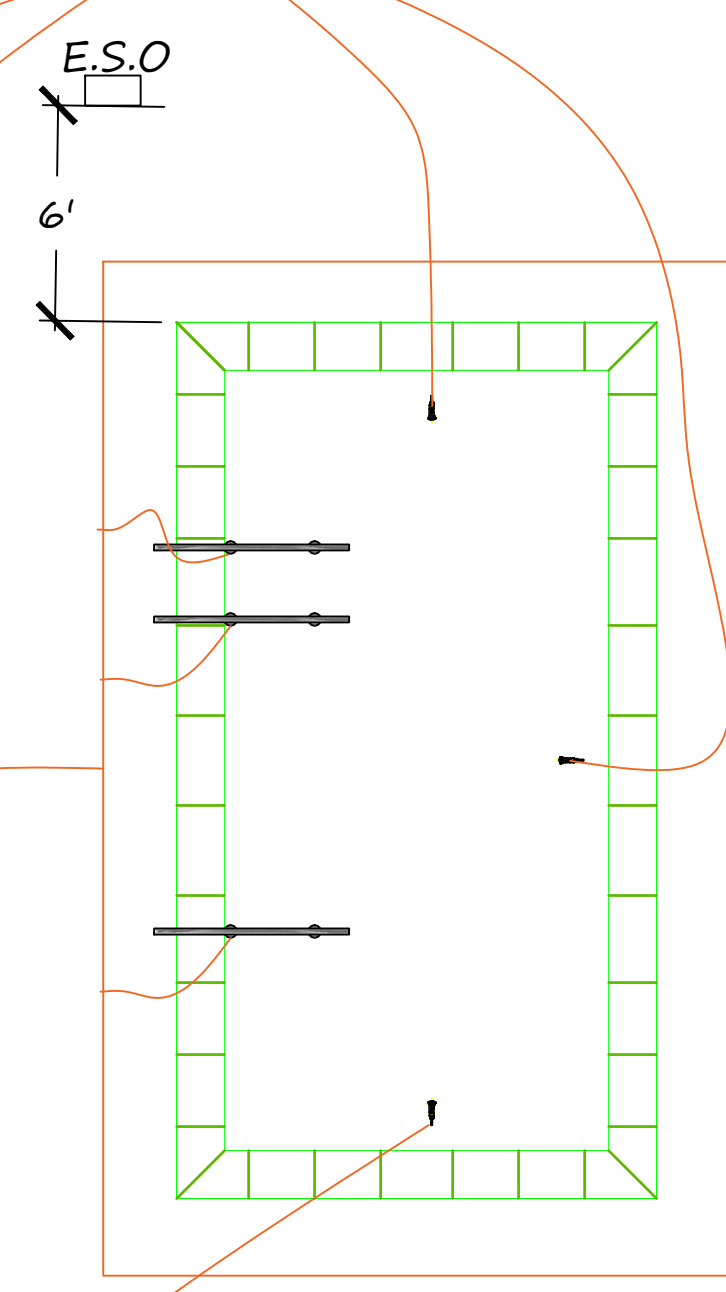
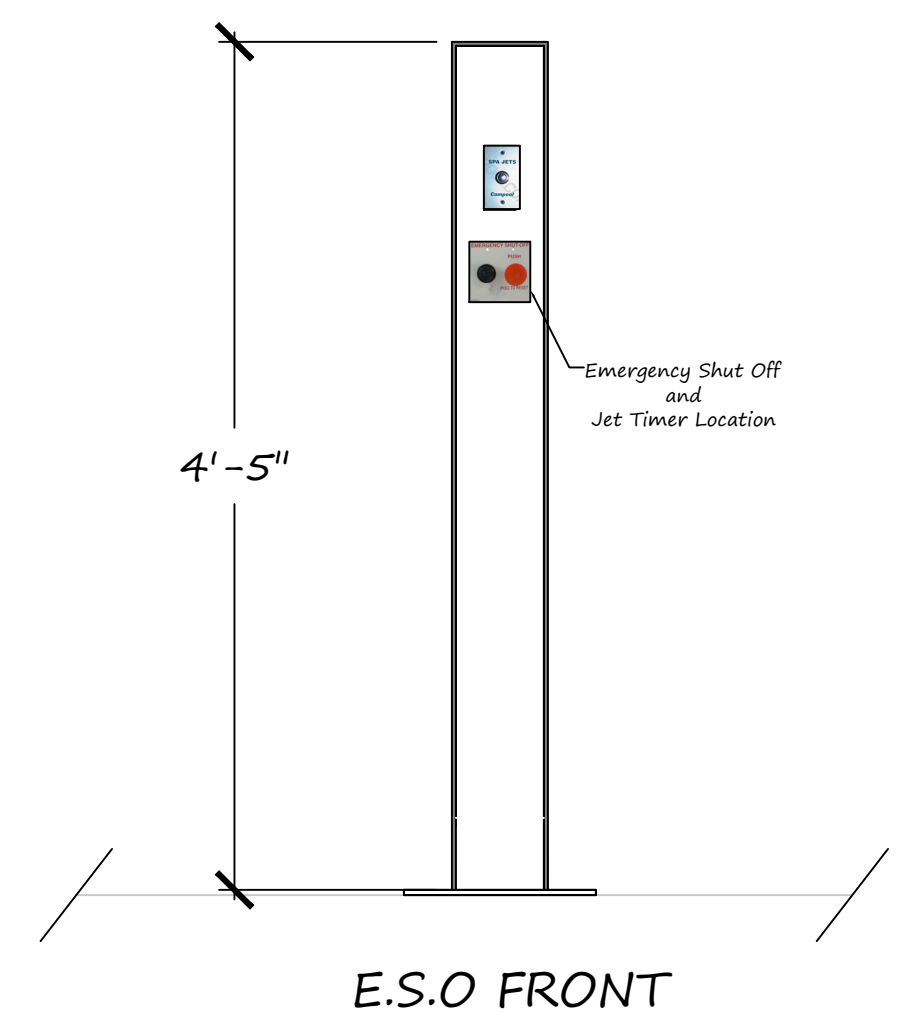
Liquid Design Project #	2024-2DC
Date	11/08/2023
Drawn By	JS
Checked By	WM
Designed By	JT

SP - 5.0U

NOTE:
ALL POOL ANA SPA EQUIPMENT WITHIN THE EQUIPMENT ROOM WILL BE BONDED TO A #8 BONDING WIRE PER 2022 CEC ARTICLE 680.26B6 CODE.



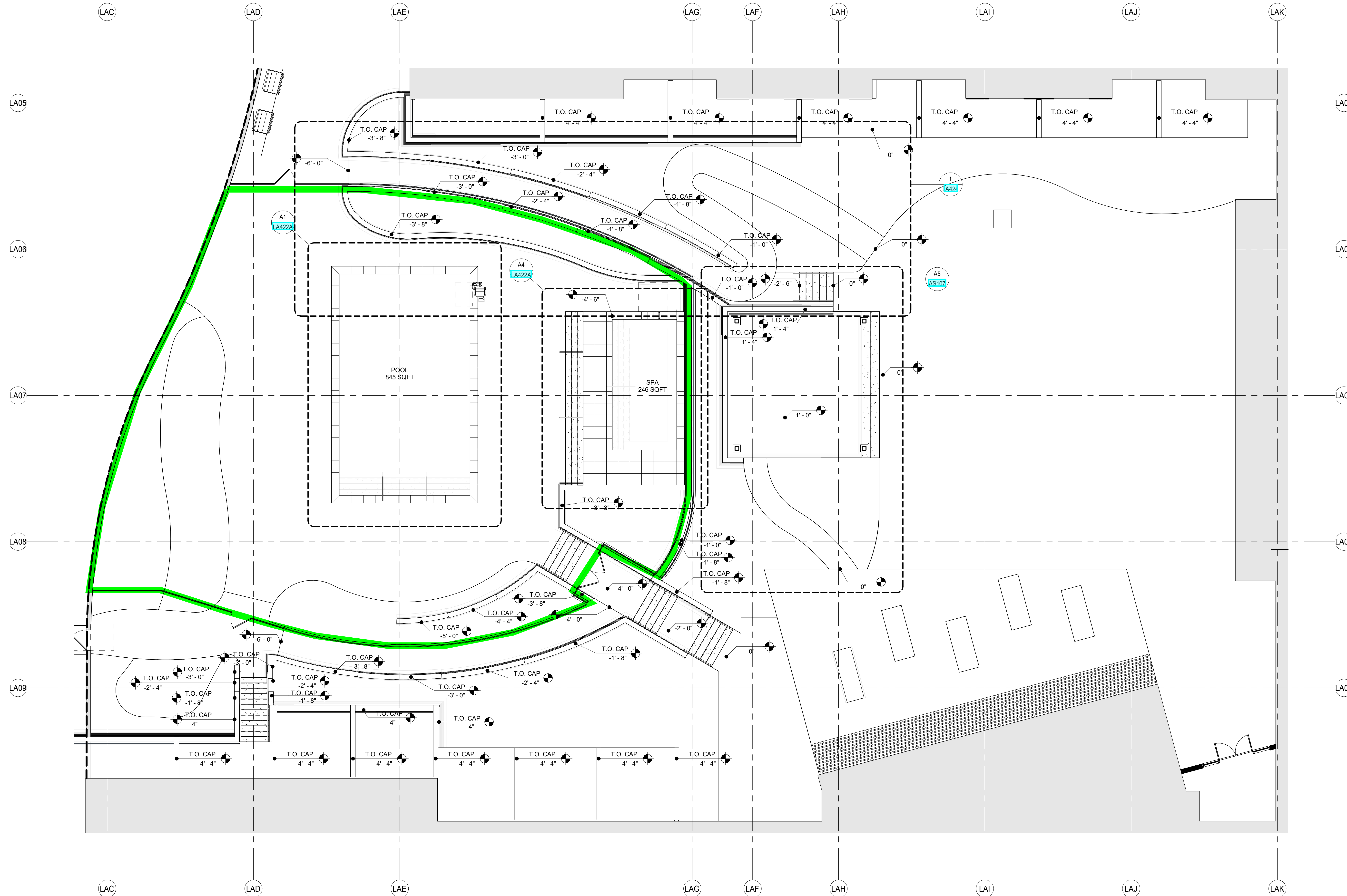
J-BOX





Plans Approved

Roger Beretti
Roger Beretti, REHS
Environmental Health Bureau
05/31/2024 2:15:26 PM



A1 ENLARGED LAYOUT PLAN
SCALE: 1/8" = 1'-0"

MARRIOTT DUAL BRAND HOTEL
880 Tioga Ave Sand City, CA 93955
EKN DEVELOPMENT GROUP
PERMIT SET - 10.11.22



DATE	REVISION
6 11/03/23	Addendum 6
9 03/21/24	Addendum 9

PROJECT NUMBER 21097

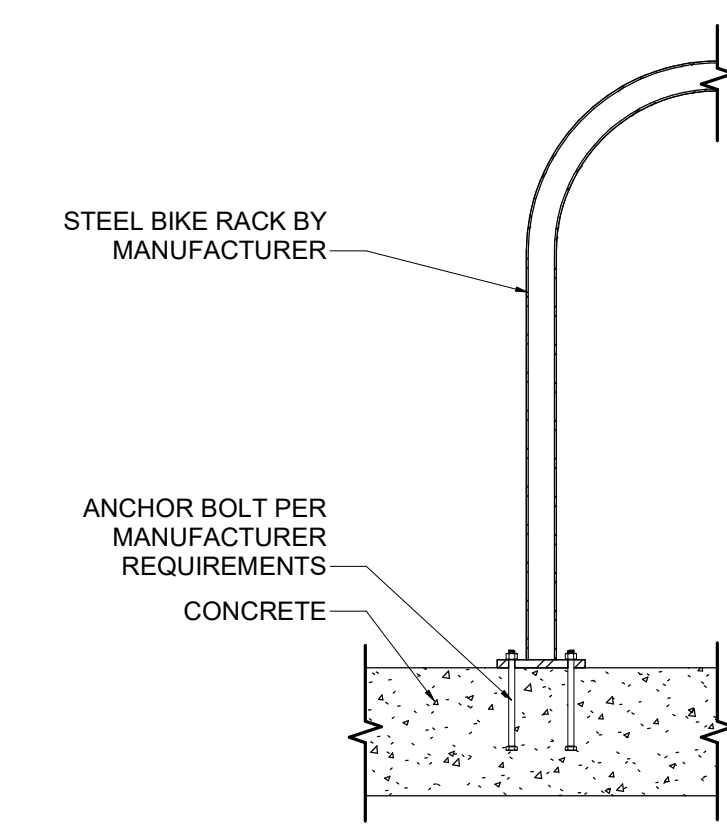
ENLARGED LAYOUT PLAN

3/25/2024 4:02:20 PM

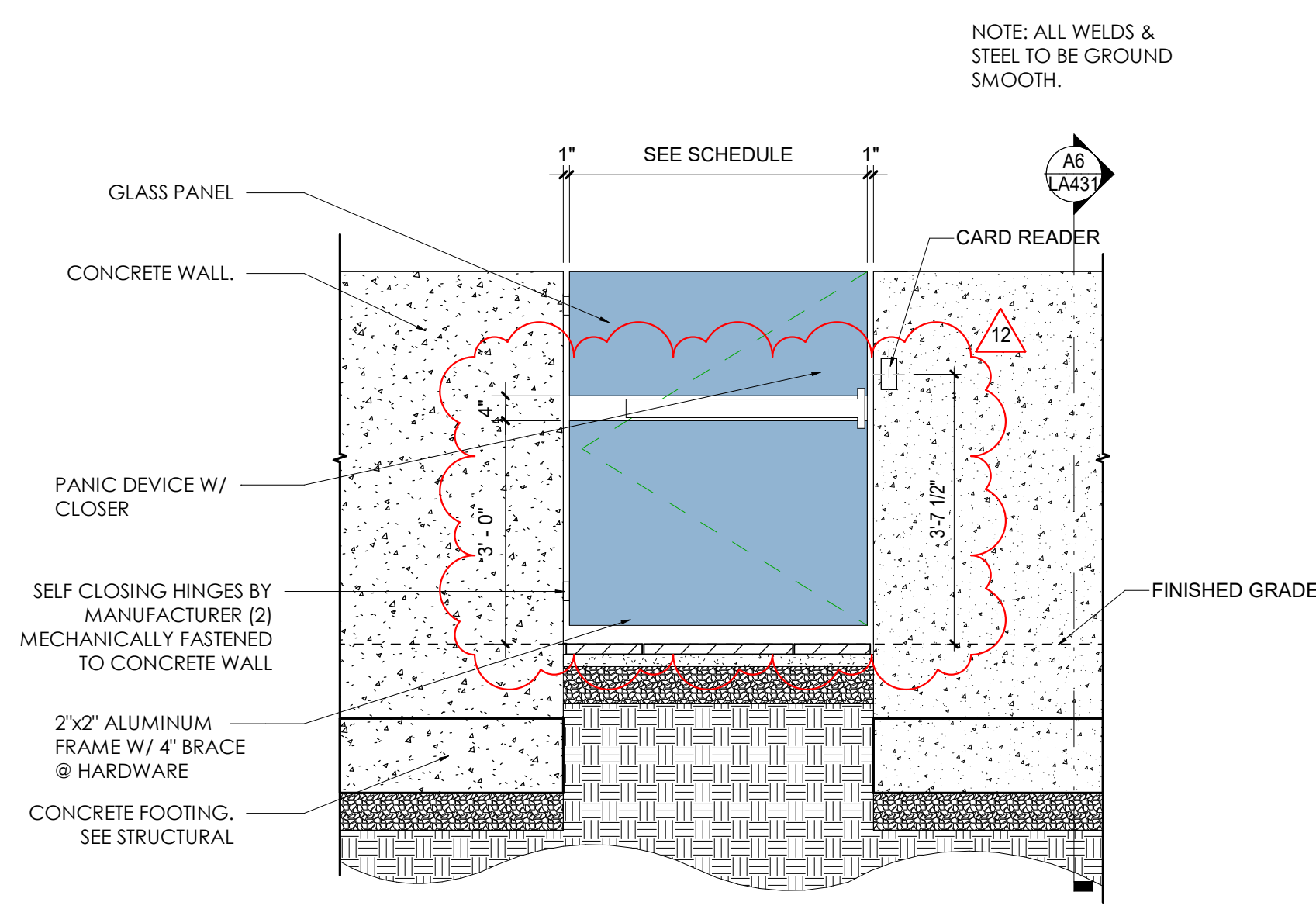


Plans Approved

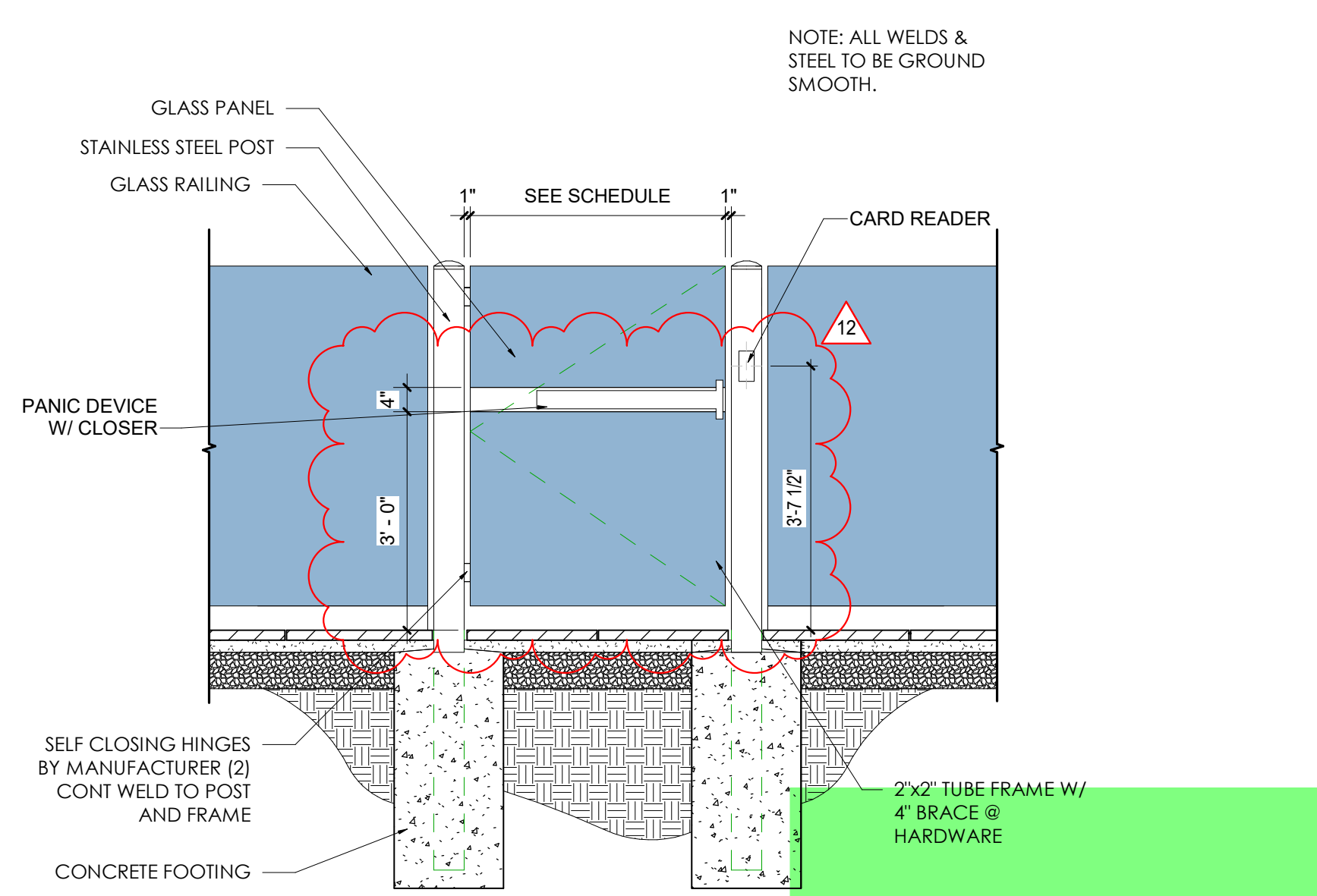
Roger Beretti
 Roger Beretti, REHS
 Environmental Health Bureau
 05/31/2024 2:15:37 PM



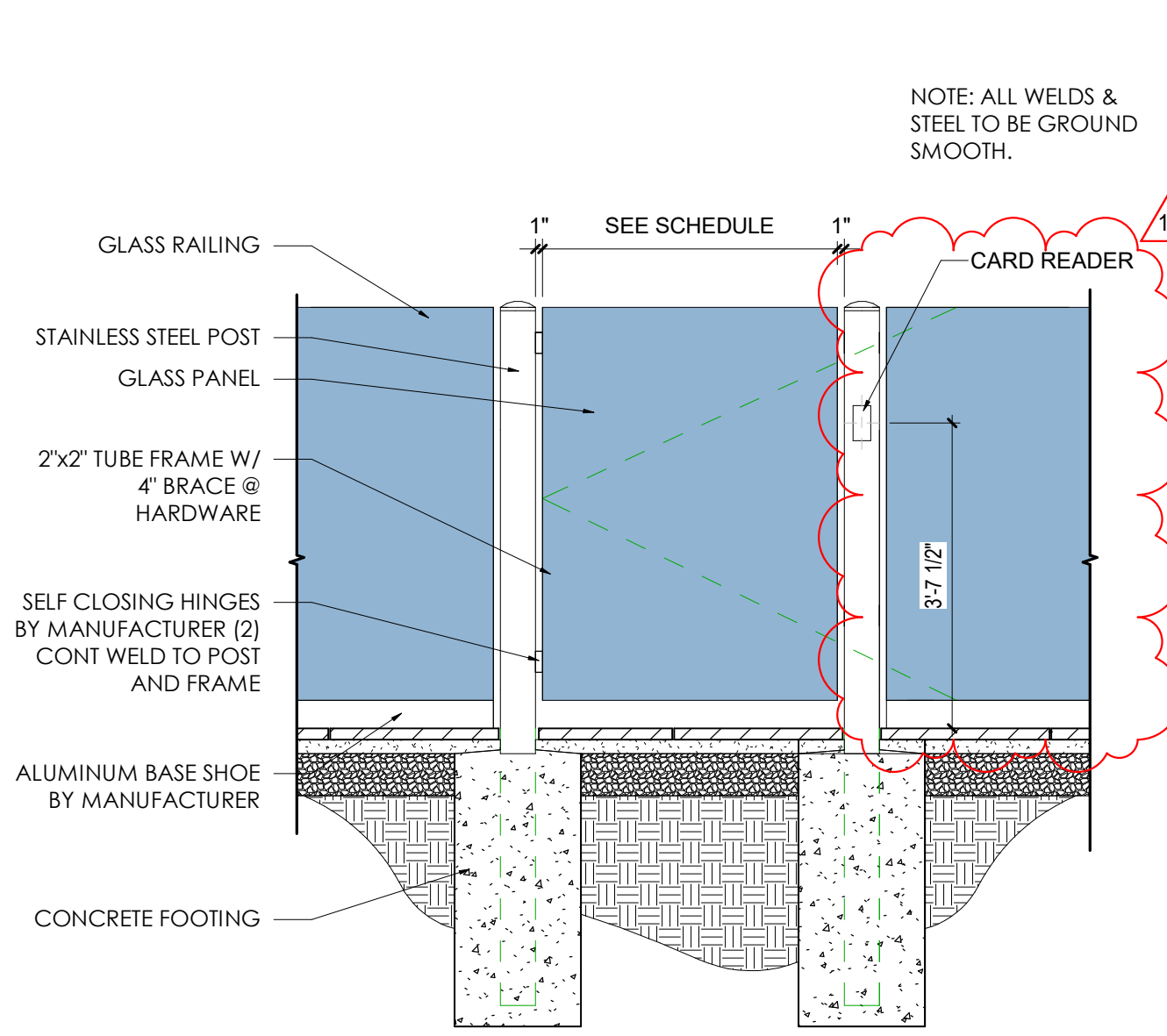
B6 U-Bike Rack Detail
 SCALE: 1" = 1'-0"



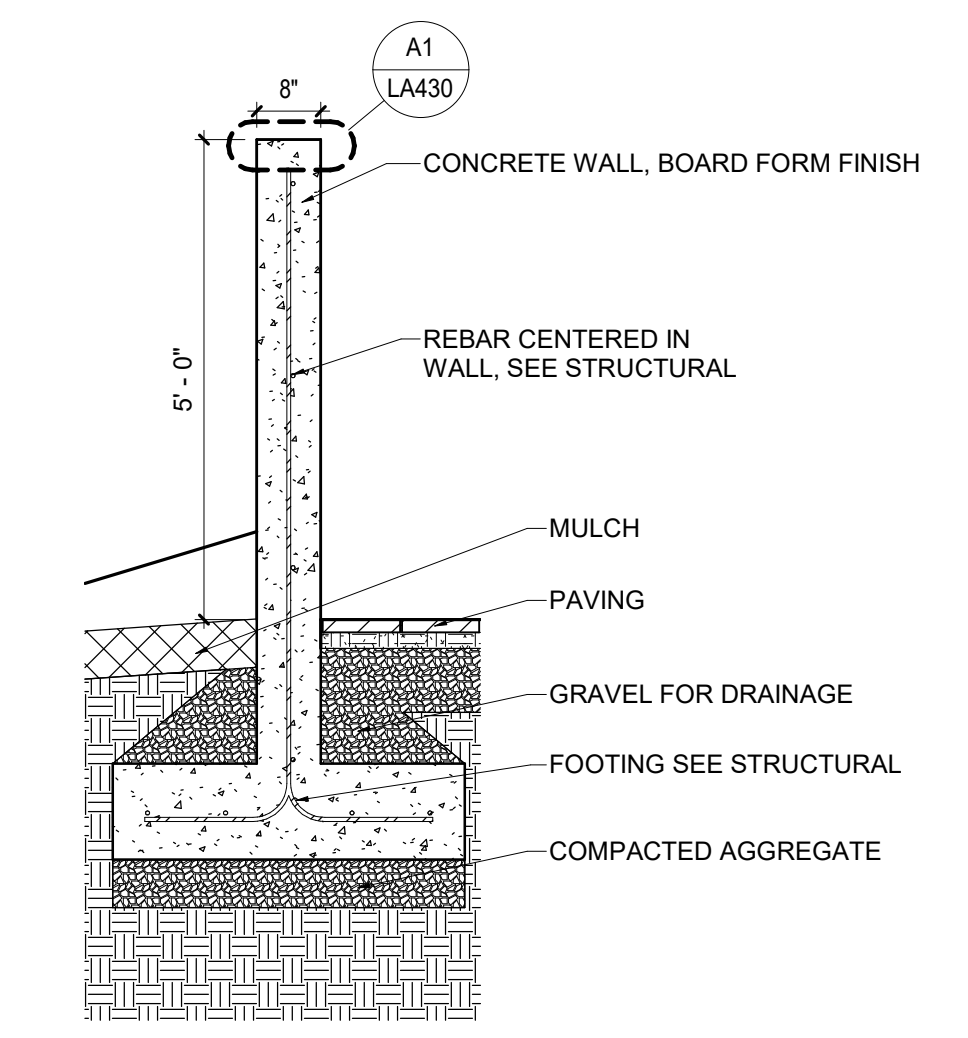
A1 EGRESS GATE AT CONCRETE WALL
 SCALE: 1/2" = 1'-0"



A3 EGRESS GATE AT GLASS RAILING
 SCALE: 1/2" = 1'-0"



A4 POOL ACCESS GATE
 SCALE: 1/2" = 1'-0"



A6 PERIMETER WALL DETAIL TYP.
 SCALE: 1/2" = 1'-0"

MARRIOTT DUAL BRAND HOTEL
 880 Tioga Ave Sand City, CA 93955
 EKN DEVELOPMENT GROUP
 PERMIT SET - 10.11.22

DATE	REVISION
1 TBD	City Comments 04/28/22
9 03/21/24	Addendum 9
12 TBD	City Comments 04.08.24

PROJECT NUMBER 21097

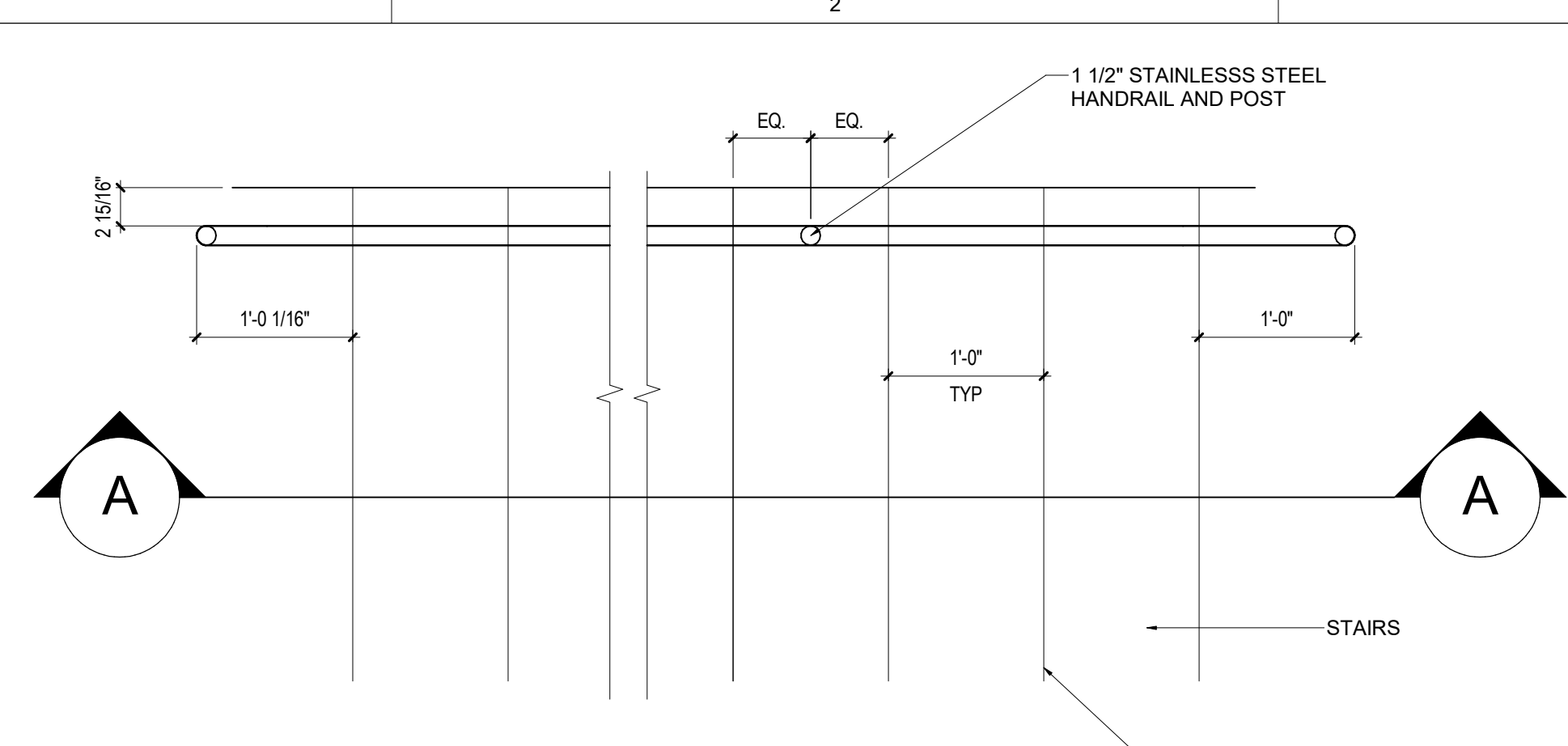
SITE DETAILS

LA431

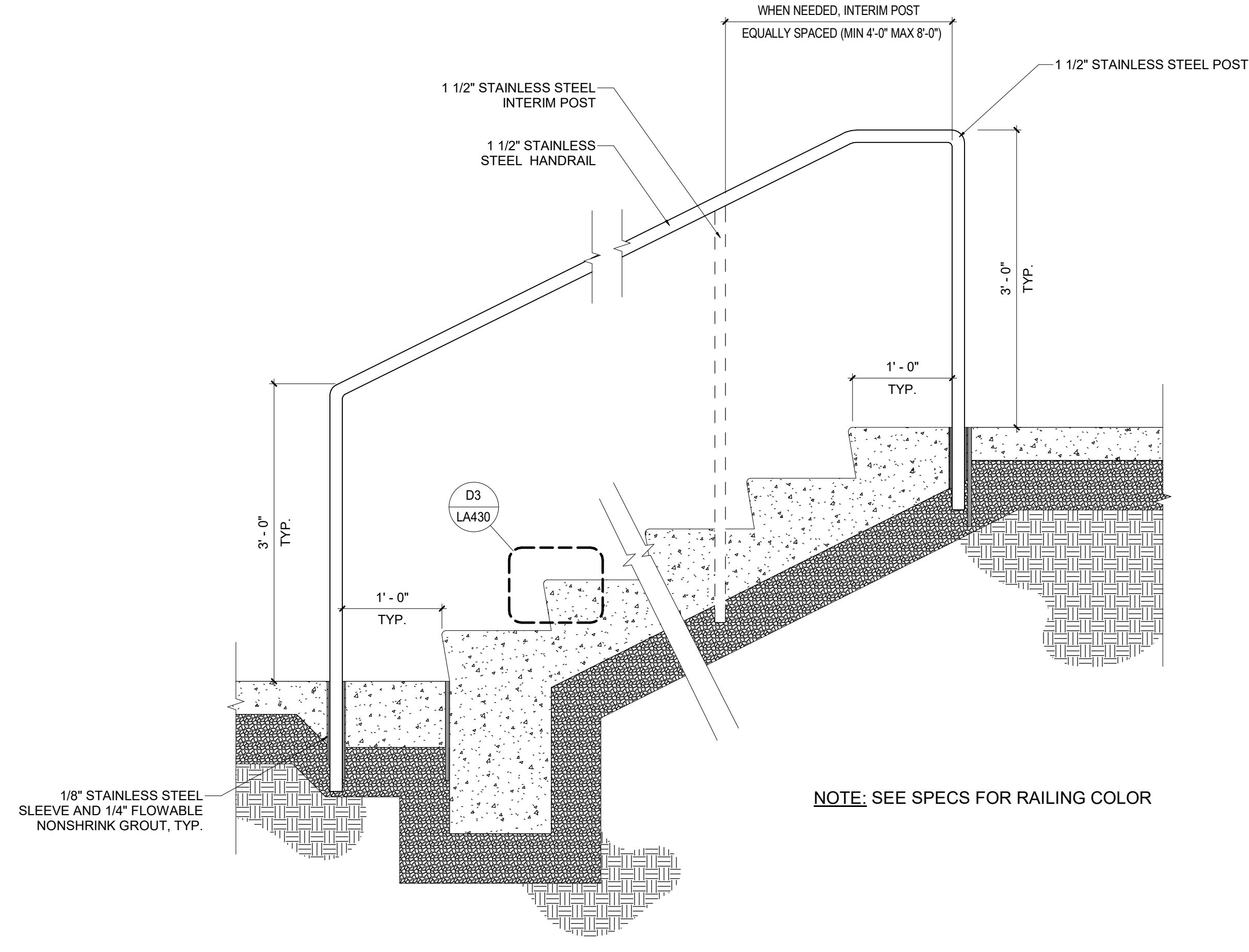
FFKR ARCHITECTS
 1355 N. Scottsdale Rd Suite 210 - Scottsdale, AZ 85257
 0 601.521.6186 FFKR.COM

5/1/2024 1:21:15 PM

PLAN

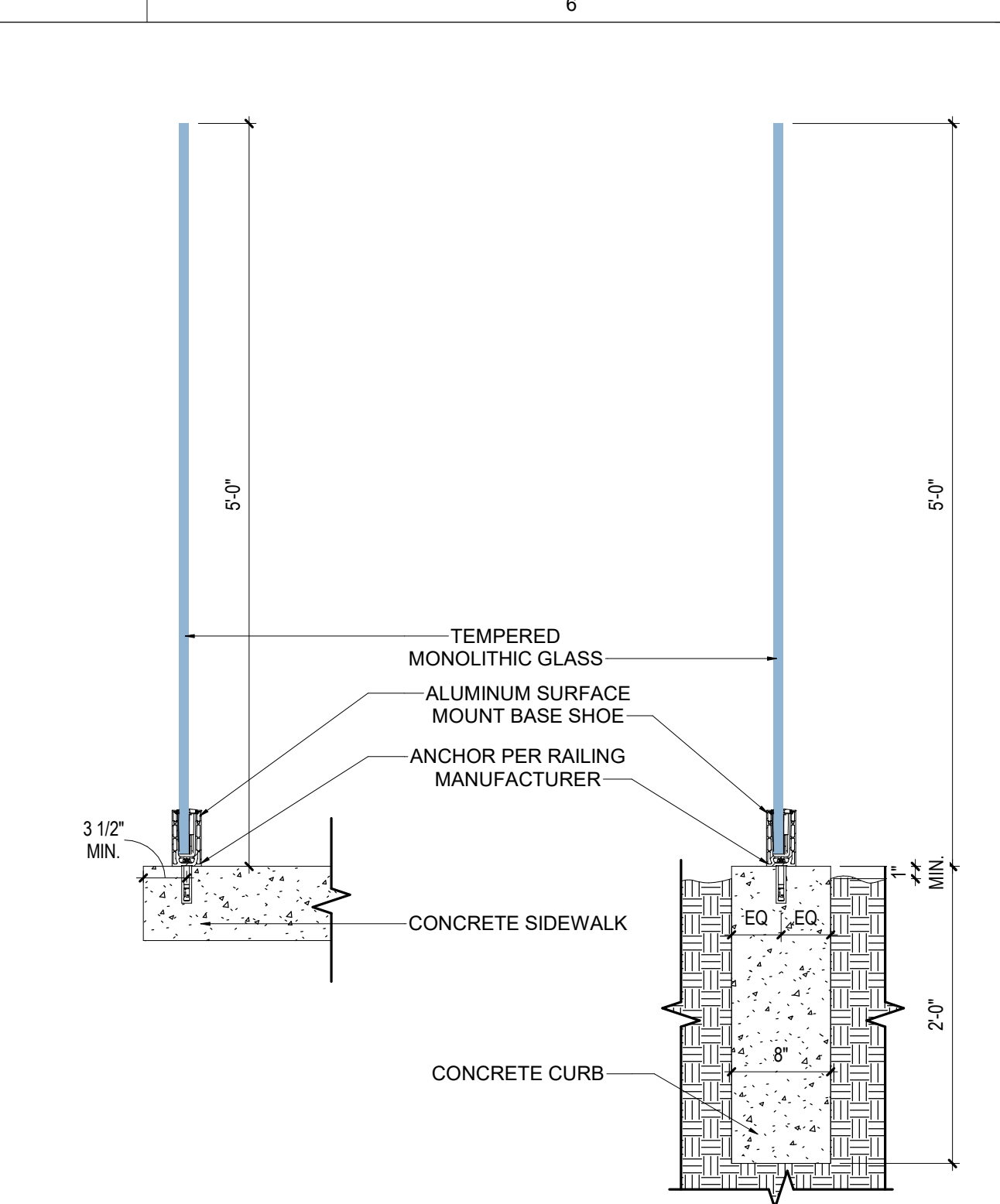
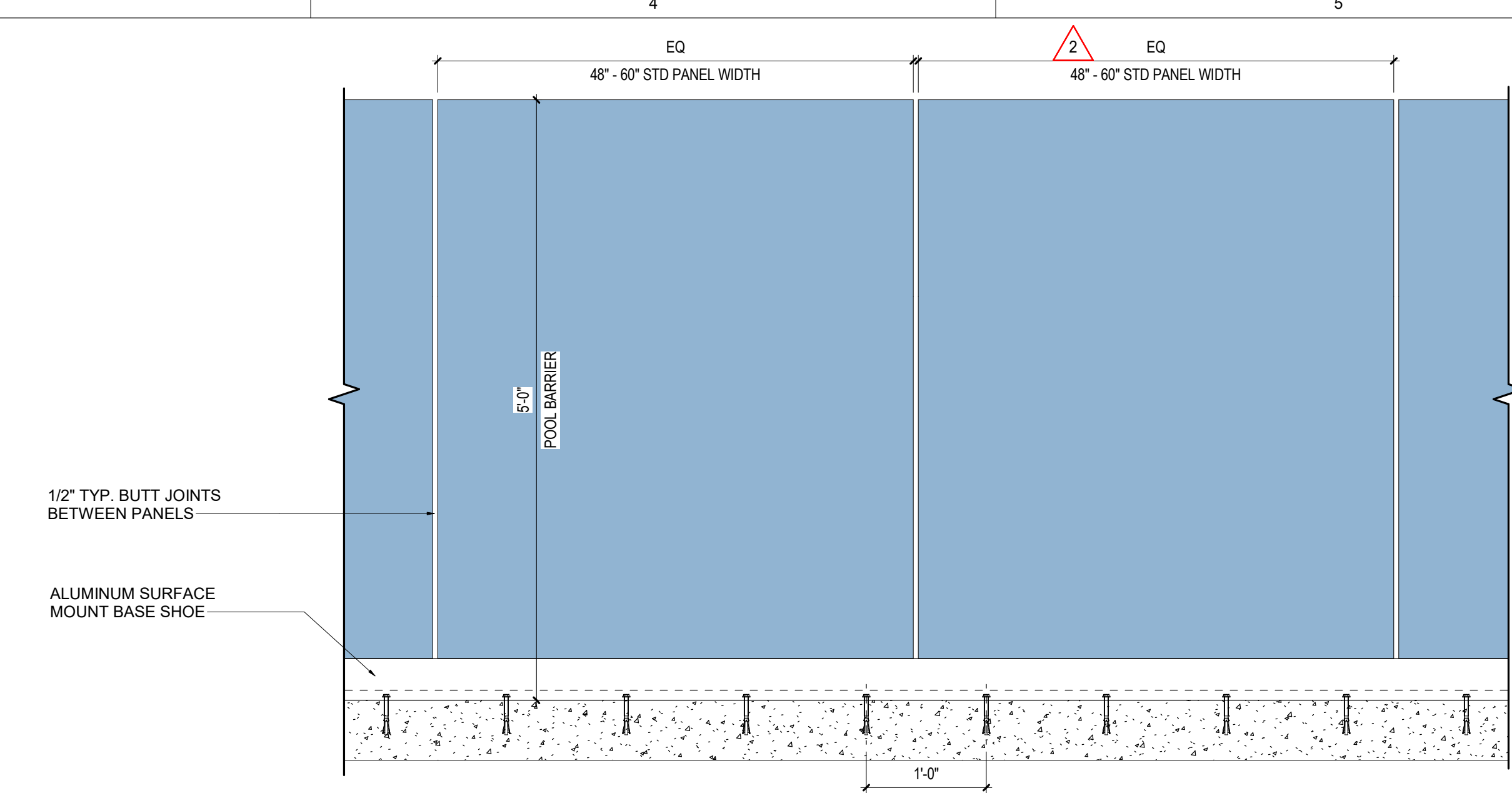


SECTION A



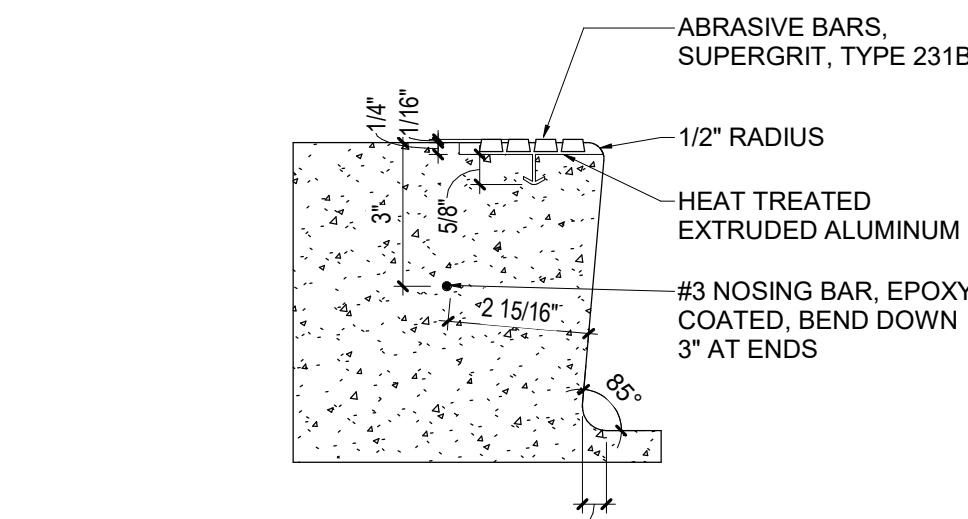
E3 GLASS POOL BARRIER DETAIL

SCALE: 1" = 1'-0"



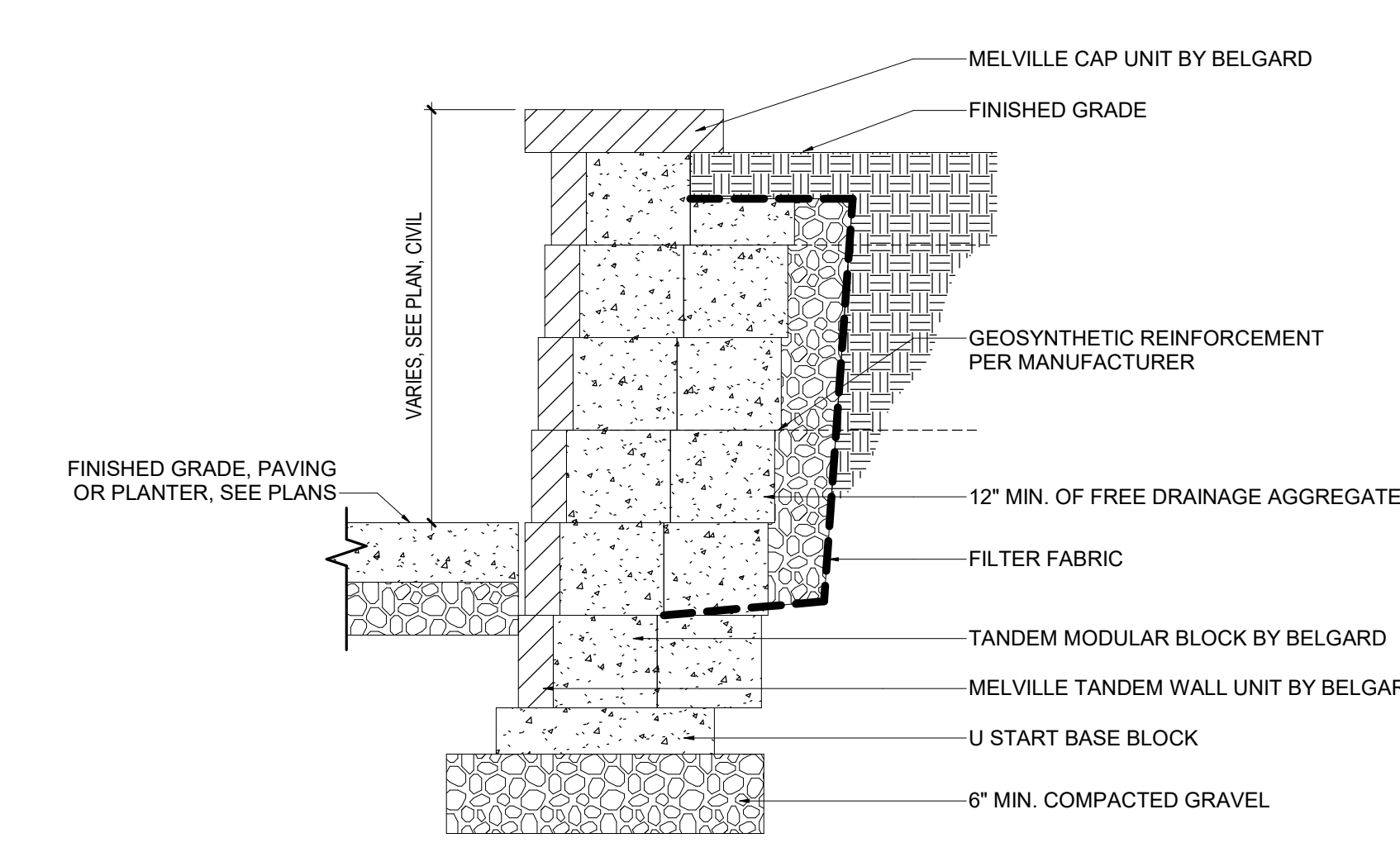
D3 NOSING DETAIL

SCALE: 3" = 1'-0"



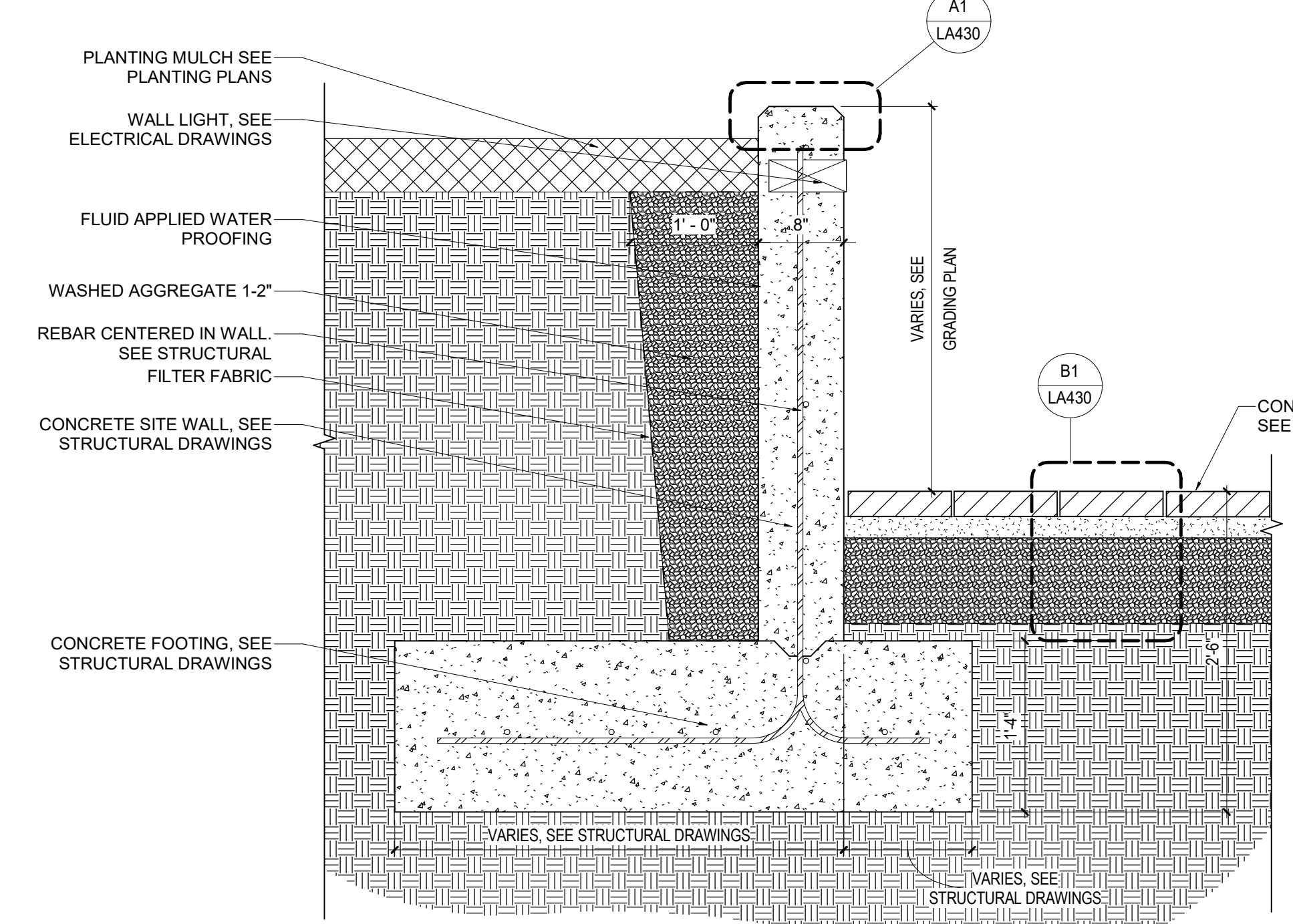
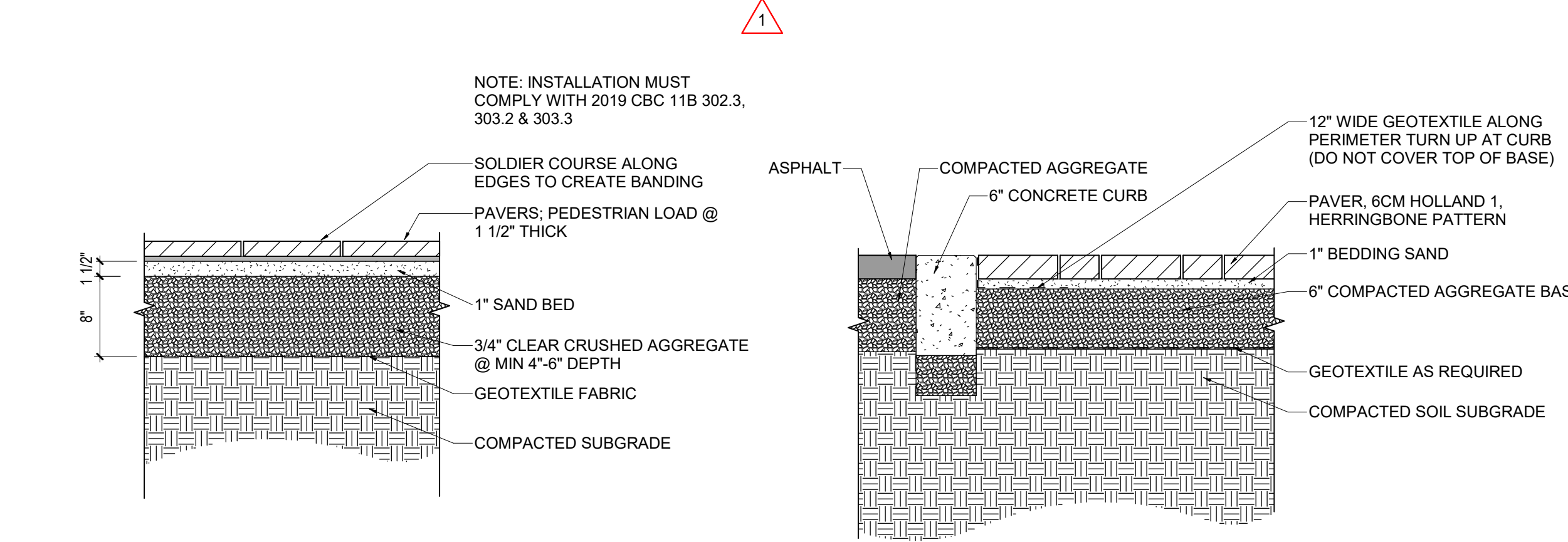
C5 COURTYARD SITE WALL TYP

SCALE: 1" = 1'-0"



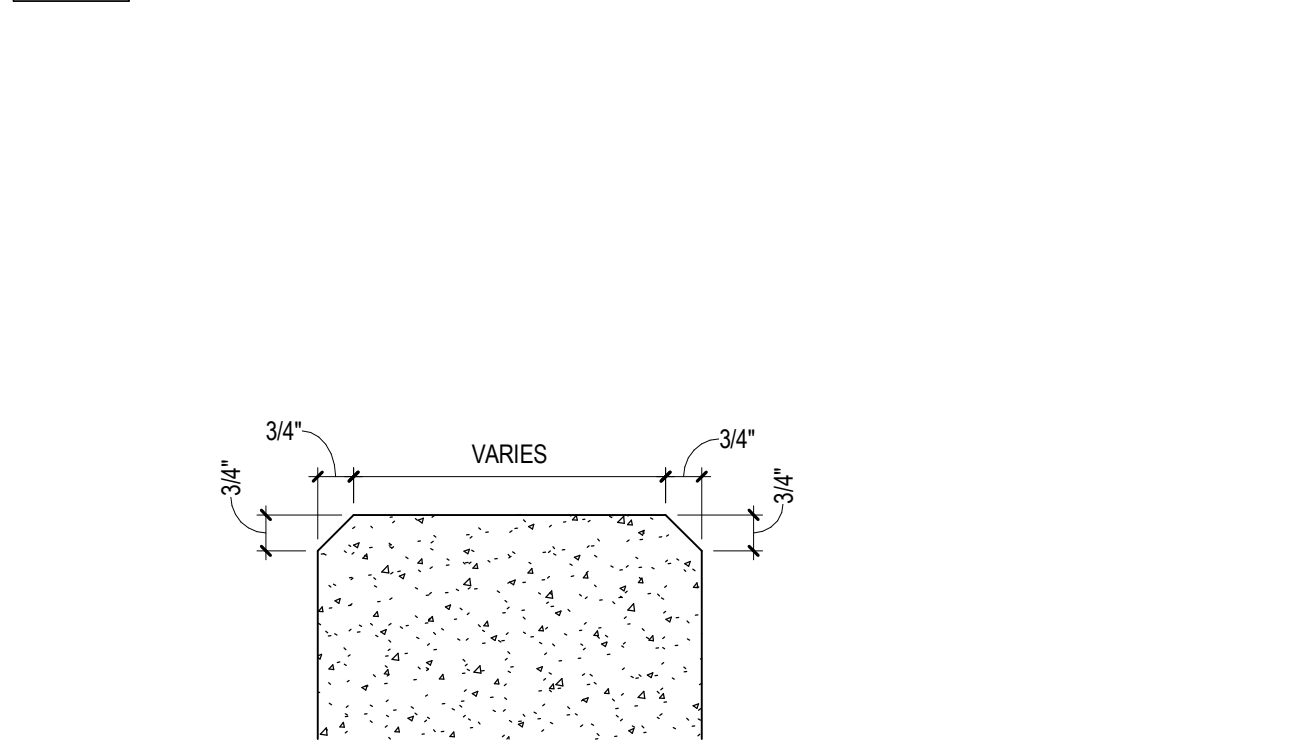
C1 HANDRAIL DETAIL TYP.

SCALE: 1" = 1'-0"



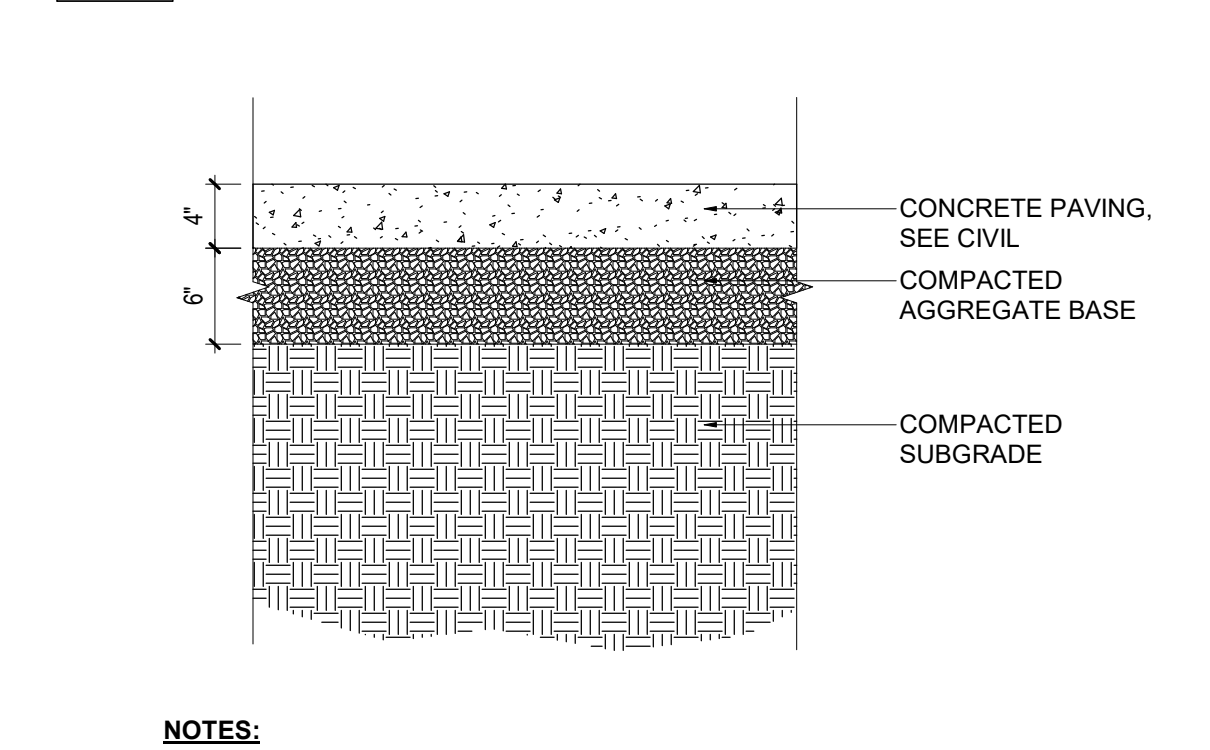
B1 CONCRETE PAVERS

SCALE: 1" = 1'-0"



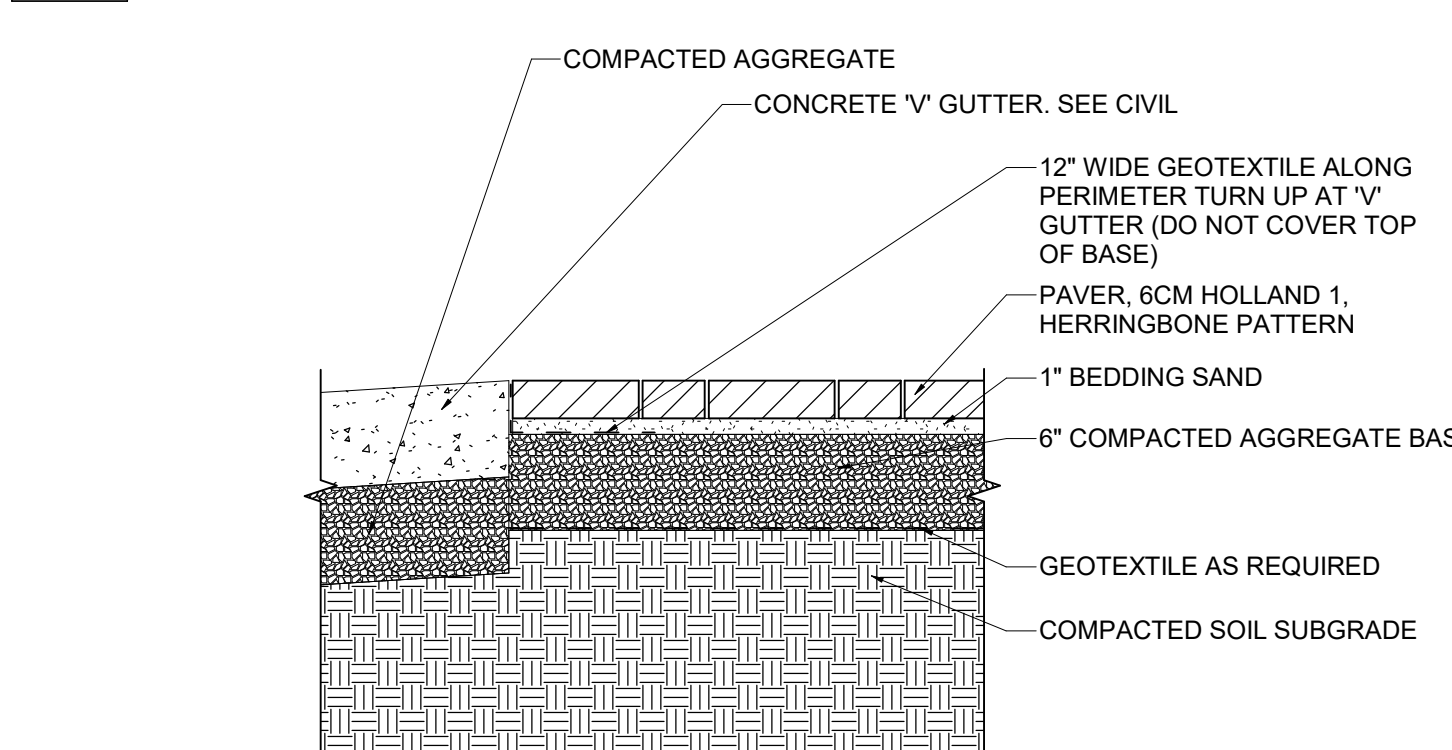
B2 VEHICULAR CONCRETE PAVERS

SCALE: 1" = 1'-0"



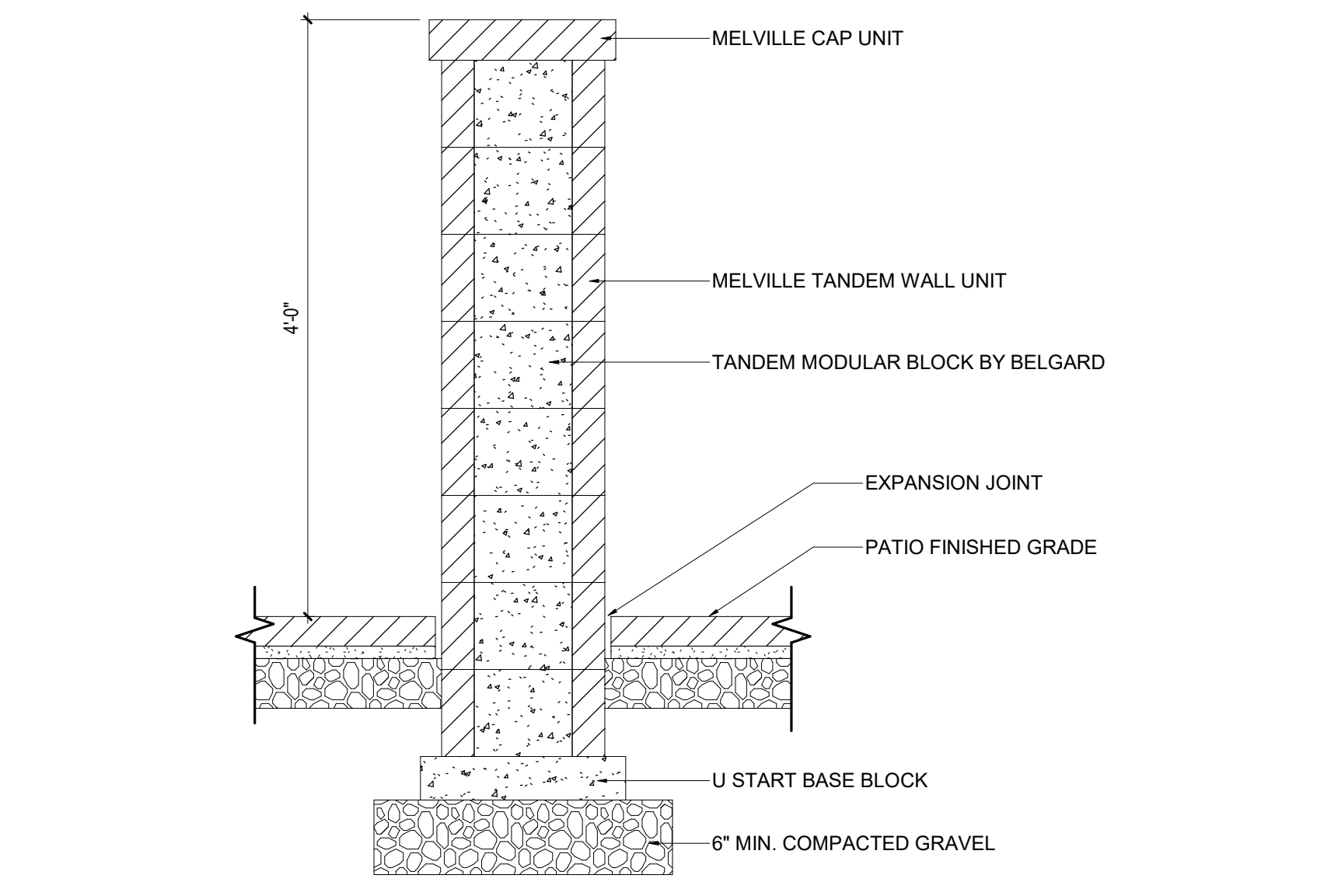
B3 PLANTER WALL DETAIL TYP.

SCALE: 1" = 1'-0"



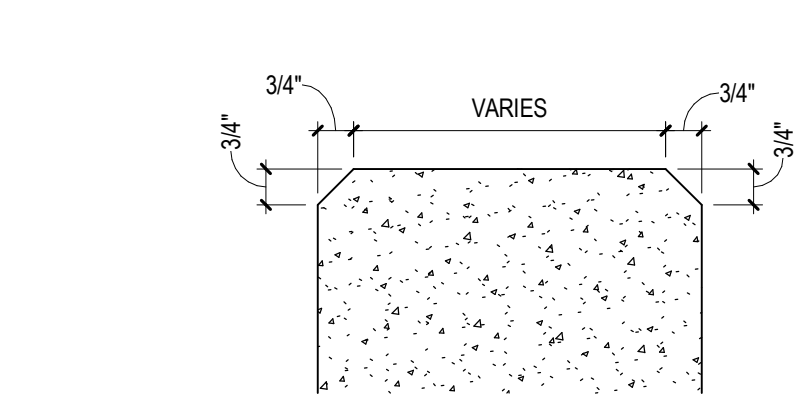
B5 GUESTROOM PATIO PRIVACY WALL

SCALE: 1" = 1'-0"



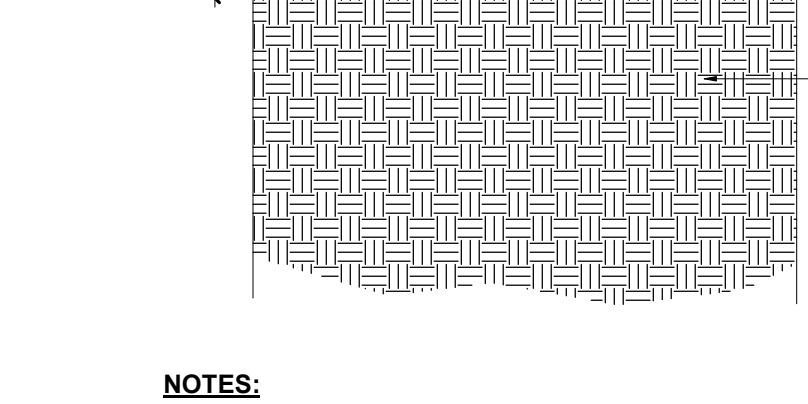
A1 WALL CHAMFER DETAIL TYP.

SCALE: 3" = 1'-0"



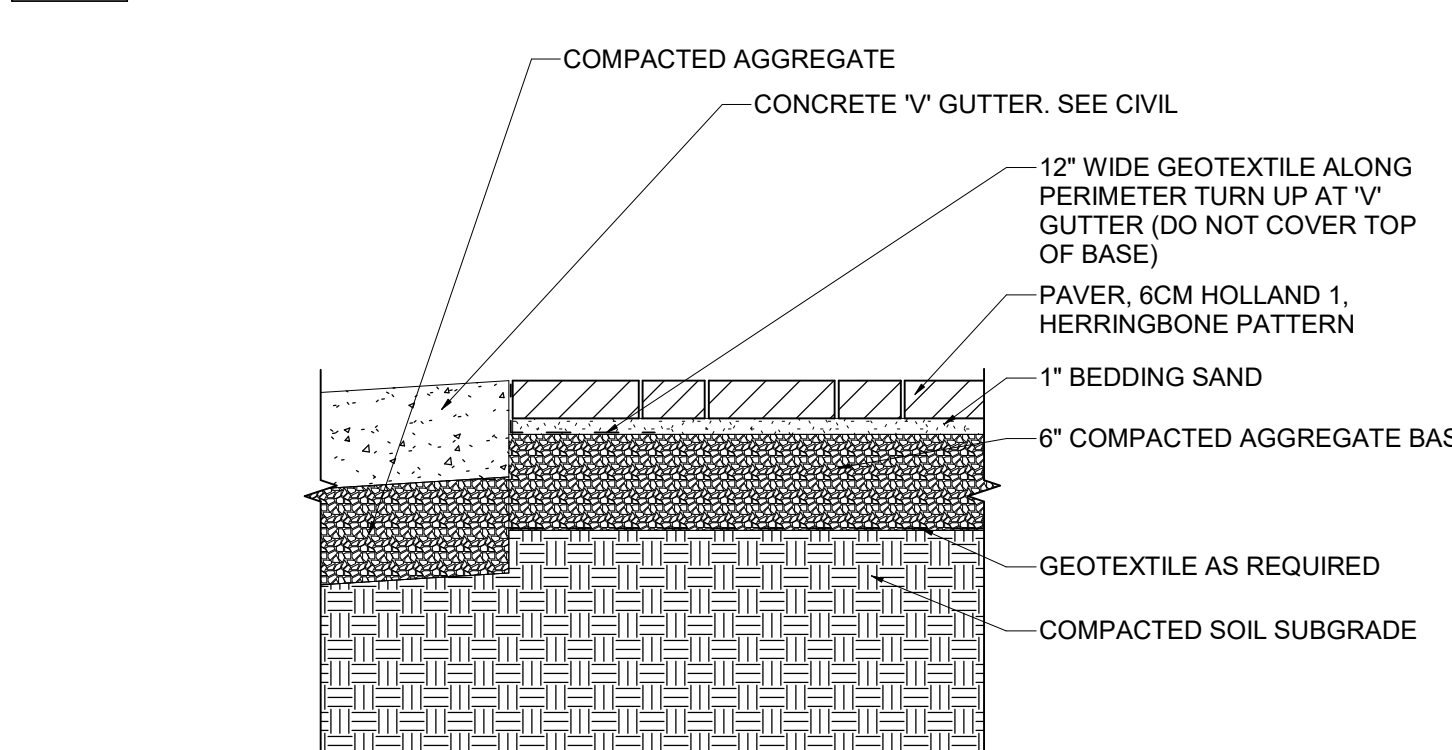
A2 CONCRETE WALKWAY

SCALE: 1" = 1'-0"



A3 VEHICULAR CONCRETE PAVERS AT 'V' GUTTER

SCALE: 1" = 1'-0"



Plans Approved
Roger Beretti
Roger Beretti, REHS
Environmental Health Bureau
05/31/2024 2:16:05 PM

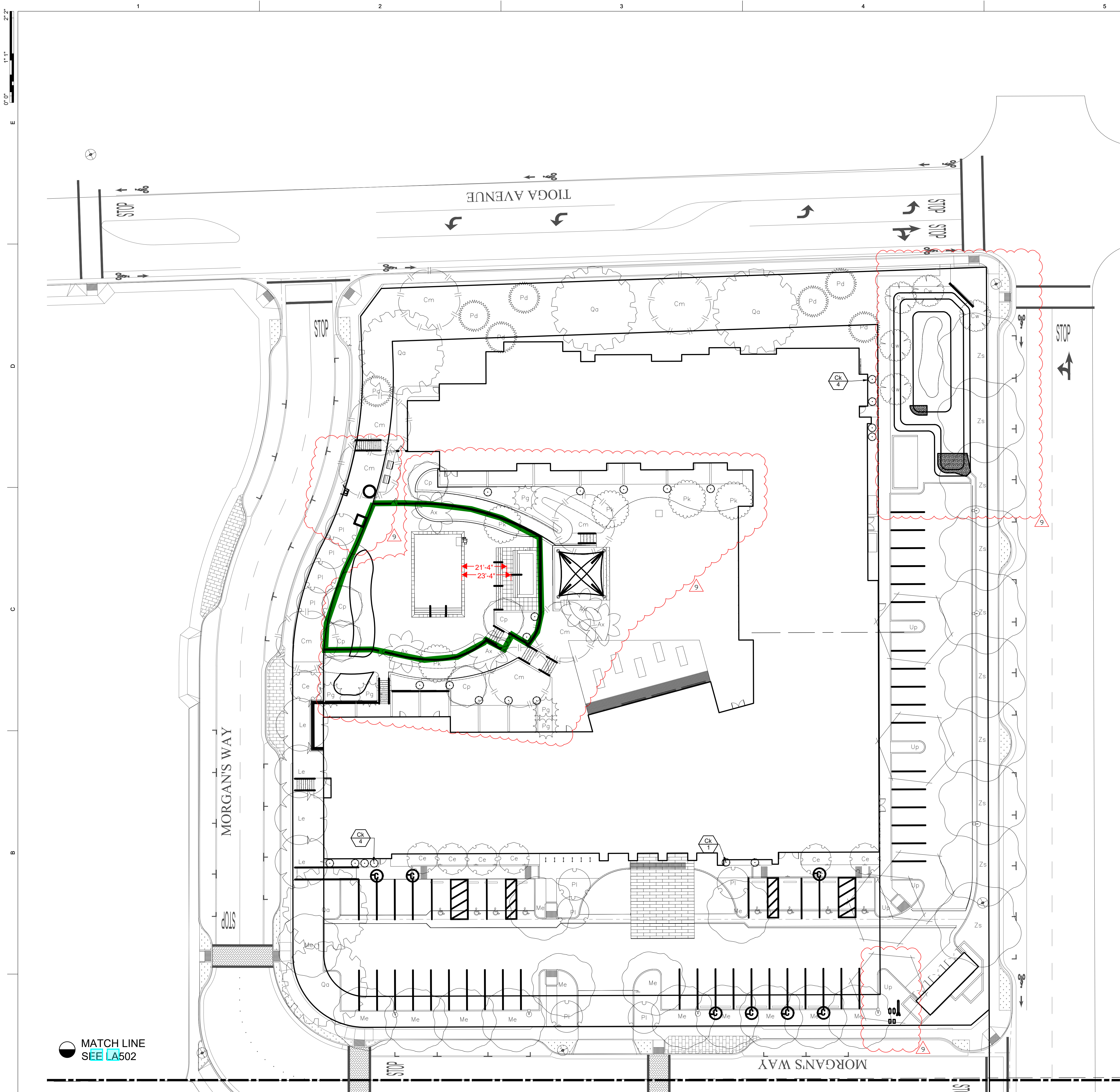
DATE	REVISION
1 TBD	City Comments 04/28/22
2 10/11/22	2nd City Comments
6 11/03/23	Addendum 6
8 01/30/24	Addendum 8
9 03/21/24	Addendum 9

PROJECT NUMBER 21097

SITE DETAILS

LA430

5/11/2024 1:20:48 PM



PLANT SCHEDULE

PLANT SCHEDULE LA501

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	QTY
	Ax	Arbutus 'Marina' Marina Strawberry Tree Multi-Trunk	24"box	5
	Cp	Cercidium microphyllum Little Leaf Palo Verde	24"box	5
	Cw	Cercis occidentalis Western Redbud Multi-trunk	24"box	5
	Ce	Crataegus laevigata English Hawthorn	24"box	7
	Cm	Cupressus macrocarpa Monterey Cypress	24"box	8
	Ck	Cupressus macrocarpa 'Karoonda' Karoonda Cypress	24"box	22
	Le	Liriodendron tulipifera 'JFS-Oz'™ Emerald City Tulip Poplar	24"box	4
	Me	Metrosideros excelsa New Zealand Christmas Tree	24"box	14
	Pg	Podocarpus gracilior Fern Pine	24"box	5
	Pk	Prunus serrulata 'Kwanzan' Kwanzan Japanese Flowering Cherry	24"box	5
	Pd	Pseudotsuga menziesii Douglas Fir	24"box	7
	Pl	Pyrus calleryana 'Chanticleer' Chanticleer Callery Pear	24"box	9
	Qa	Quercus agrifolia Coast Live Oak	24"box	5
	Up	Ulmus parvifolia Lacebark Elm	24"box	5
	Zs	Zelkova serrata Sawleaf Zelkova	24"box	10

REFERENCE NOTES

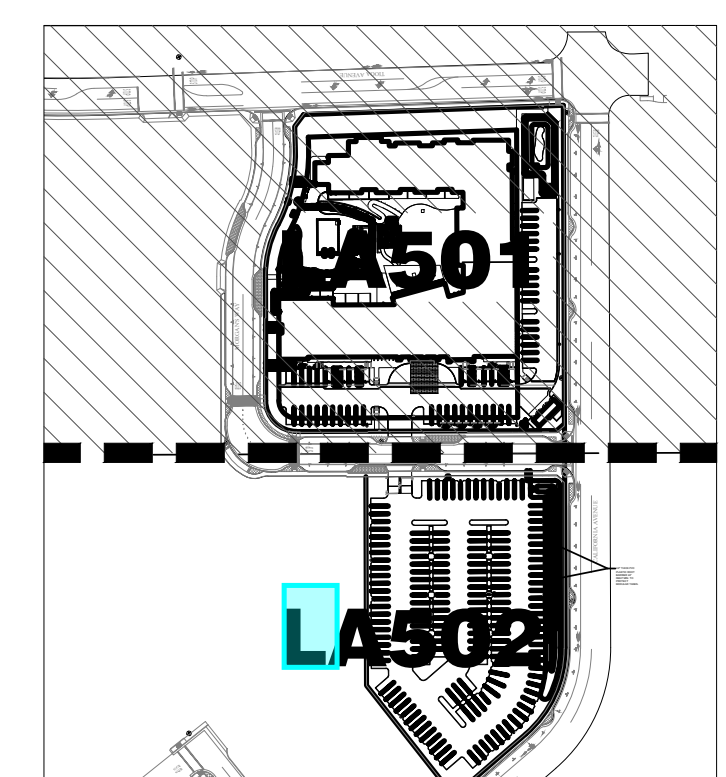
FFKR ARCHITECTS
 730 Pacific Avenue, Salt Lake City, Utah 84104
 O 801.521.0186 - FFKR.COM

MARRIOTT DUAL BRAND HOTEL
 880 Tioga Ave Sand City, CA 93955
 EKN DEVELOPMENT GROUP
 PERMIT SET - 10.11.22

MATCH LINE
SEE LA502

A1 TREE PLANTING PLAN
SCALE: 1"= 20'-0"

KEY PLAN

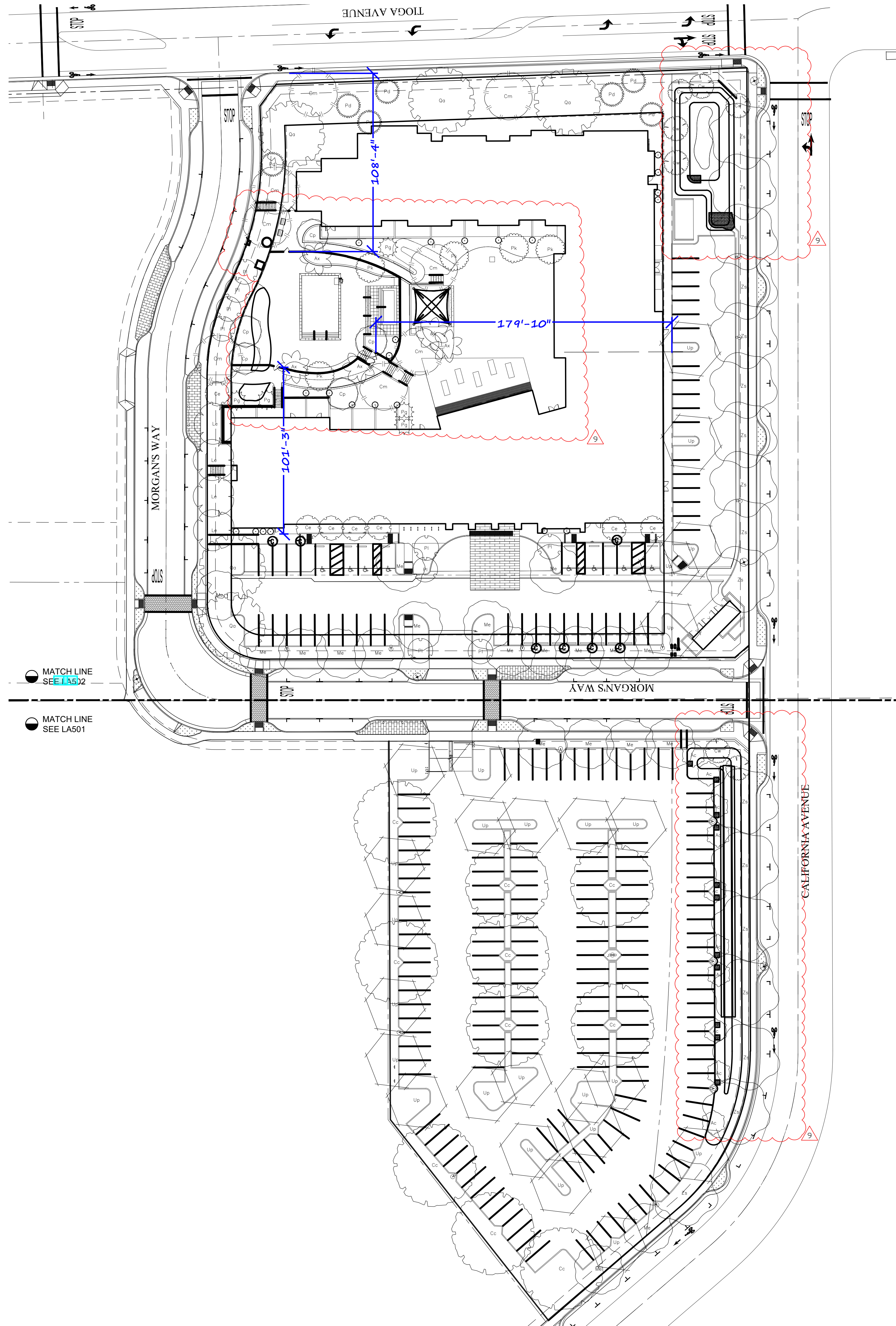


NO.	DATE	REVISION
1	27.MAY.22	ADD-001
4	06.JAN.23	LA Update
6	03.NOV.23	ADD-06
8	30.JAN.24	ADD-08
9	15.MAR.24	Add Serv 04

PROJECT NUMBER 21097

TREE PLANTING PLAN

LA501A



A1

OVERALL SITE PLANTING PLAN

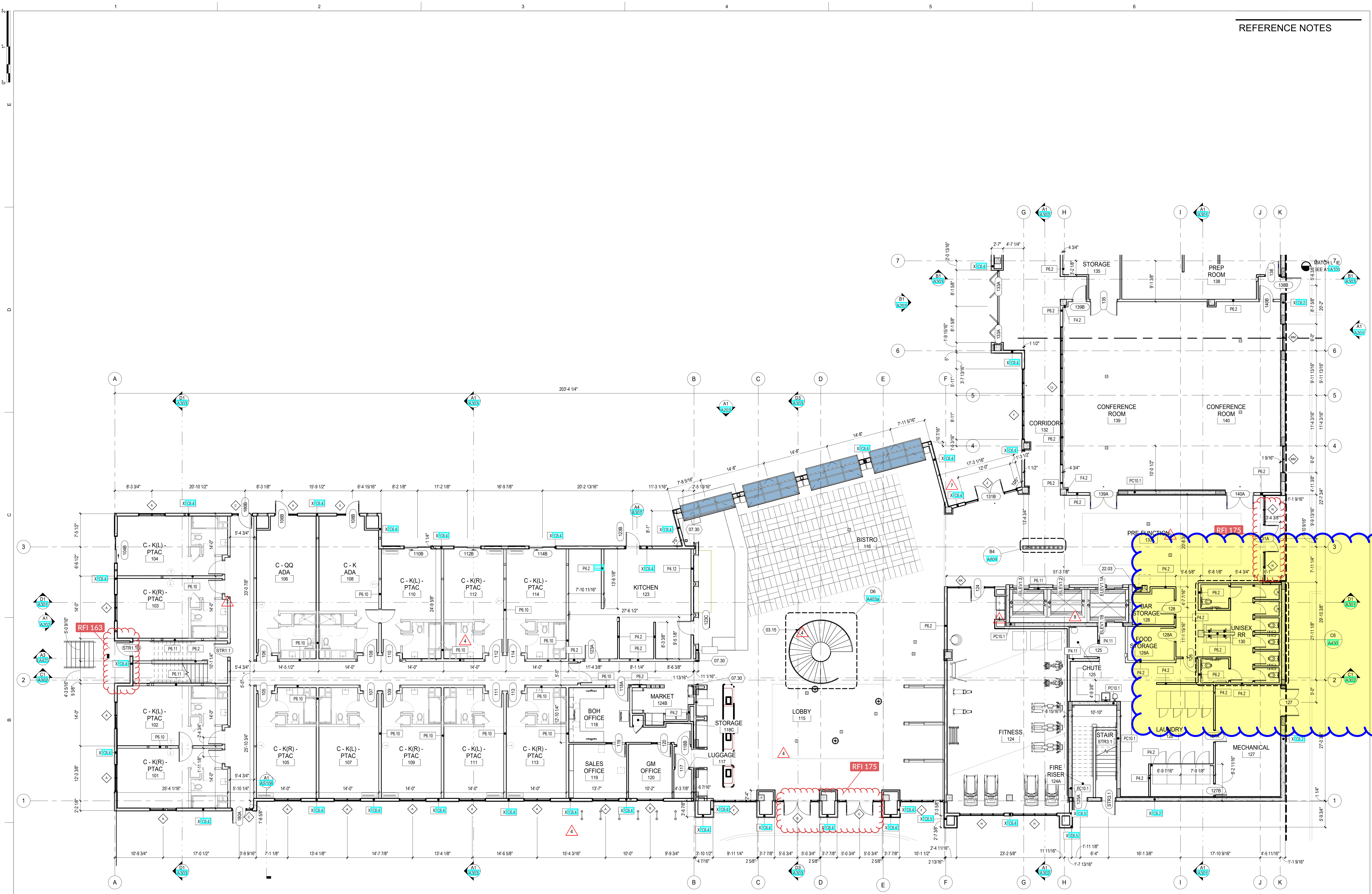
SCALE: 1" = 30'-0"

REFERENCE NOTES

HYDROZONE #/PLANTING DESCRIPTION	PLANT FACTOR (PF)	IRRIGATION METHOD	IRRIGATION EFFICIENCY (IE)	EVAPORATION ADJUSTMENT FACTOR OR (ETAF)	LANDSCAPE AREA (SQFT)	ETAF X AREA	ESTIMATED TOTAL WATER USE (ETWU)
REGULAR LANDSCAPE AREAS							
South Parking Lot Low Water Use Plantings	0.3 Plant Factor	Drip Line Irrigation	0.81	0.370 ETAF	14,516 SQFT	5,376.30	119,998.93 ETWU
Hotel Parking Lot Low Water Use Plantings	0.3 Plant Factor	Drip Line Irrigation	0.81	0.370 ETAF	10,495 SQFT	3,887.04	86,758.67 ETWU
Retention Basin Low Water Use Plantings	0.3 Plant Factor	Drip Line Irrigation	0.81	0.370 ETAF	2,498 SQFT	925.19	20,650.13 ETWU
Hotel Northwest Low Water Use Plantings	0.3 Plant Factor	Drip Line Irrigation	0.81	0.370 ETAF	11,985 SQFT	4,438.89	99,076.00 ETWU
Hotel Interior Courtyard Low Water Use Plantings	0.3 Plant Factor	Drip Line Irrigation	0.81	0.370 ETAF	4,888 SQFT	810.17	18,082.90 ETWU
TOTALS					44,382 SQFT	15,437.57	344,566.63 ETWU
SPECIAL LANDSCAPE AREAS							
Hotel Northwest - Pool and Spa Areas High Water Use				1 ETAF	1,091 SQFT	1,091.00	24,351.12 ETWU
TOTALS					1,091 SQFT	1,091.00	24,351.12 ETWU
ETWU TOTAL							368,917.75 ETWU
Maximum Allowed Water Allowance (MAWA)							1.132 AF/YR

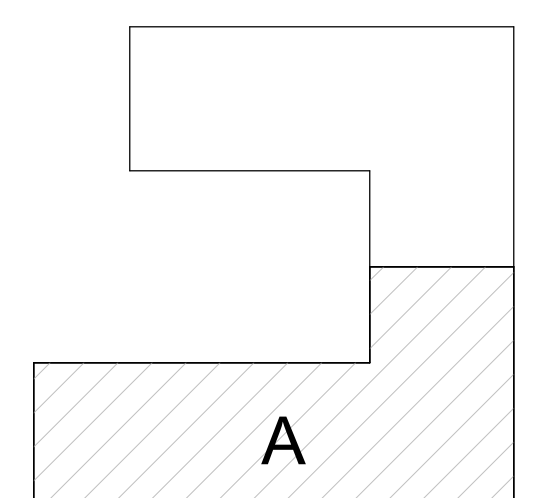
GENERAL NOTES

- REFER TO CIVIL ENGINEERS UTILITY AND PRECISE GRADING PLANS FOR UTILITY LOCATION AND FINAL GRADING. IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE PLANS CONTACT THE OWNER'S REPRESENTATIVE IMMEDIATELY AS TO HOW TO PROCEED.
- VERIFY LOCATIONS OF PERTINENT SITE IMPROVEMENTS INSTALLED UNDER OTHER SECTIONS. IF ANY PART OF THIS PLAN CANNOT BE FOLLOWED DUE TO SITE CONDITIONS, CONTACT OWNER'S REPRESENTATIVE IMMEDIATELY PRIOR TO COMMENCING WORK.
- EXACT LOCATIONS OF PLANT MATERIALS TO BE APPROVED BY THE LANDSCAPE ARCHITECT IN THE FIELD PRIOR TO INSTALLATION. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST PLANTS TO EXACT LOCATION IN FIELD, FOR CONTRACTOR TO THEN INSTALL.
- VERIFY PLANT COUNTS AND SQUARE FOOTAGES. QUANTITIES ARE PROVIDED FOR OWNER INFORMATION ONLY. IF QUANTITIES ON PLANT LIST DIFFER FROM GRAPHIC INDICATIONS THEN GRAPHICS SHALL PREVAIL.
- PERFORM EXCAVATION IN THE VICINITY OF UNDERGROUND UTILITIES WITH CARE AND IF NECESSARY BY HAND. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK AND DISRUPTION OR DAMAGE TO UTILITIES SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER.
- TREES SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE AT NURSERY.
- PROVIDE MATCHING FORMS AND SIZES FOR PLANT MATERIALS WITHIN EACH SPECIES AND SIZE DESIGNATED ON THE DRAWINGS.
- PRUNE NEWLY PLANTED TREES ONLY AS DIRECTED BY LANDSCAPE ARCHITECT.
- ALIGN AND EQUALLY SPACE IN ALL DIRECTIONS SHRUBS SO DESIGNATED PER THESE NOTES AND DRAWINGS.
- FINISH GRADES OF SHRUB AREAS AND LAWNS/GRASSES SHALL BE 1 INCH BELOW ADJACENT PAVING OR EDGING.
- CONTRACTOR'S OPTION TO USE STANDARD AUGMENTATION RATE OR PERFORM SOIL TEST PRIOR TO PLANTING.



A1 LEVEL 1 - ENLARGED PLAN AREA 'A'
SCALE: 1/8" = 1'-0"

KEY PLAN



MARRIOTT DUAL BRAND HOTEL
880 Tioga Ave Sand City, CA 93955
EKN DEVELOPMENT GROUP
PERMIT SET - 10.11.22



DATE	REVISION
2 10/11/22	2nd City Comments
4 10/13/23	Owner/Marriott Revisions
7 12/22/23	Addendum 7
8 01/30/24	Addendum 8
9 03/21/24	Addendum 9

PROJECT NUMBER 21097

LEVEL 1 - ENLARGED PLAN AREA 'A'

A105