DRAINAGE PRODUCTS/SPECIALTIES

UNLESS OTHERWISE INDICATED MODEL NUMBERS ARE JAY R. SMITH. APPROVED EQUAL PRODUCTS: ZURN, JOSAM, MIFAB, WADE, WATTS, SIOUX CHIEF, PRECISION PLUMBING PRODUCTS.

LAVATORY-WALL HUNG SUPPORT JAY R. SMITH #700 FOR MASONRY WALLS AND #700-M31 FOR METAL/WOOD STUD WALLS.

ELECTRIC WATER COOLER-WALL HUNG SUPPORT JAY R. SMITH FIG. 830 SUPPORT WITH UPRIGHTS OF HIGH STRENGTH STEEL WITH WELDED BASES BOLTED TO FLOOR. FOR STEEL STUD WALLS, USE M31 RECTANGULAR UPRIGHTS.

WATER CLOSET-WALL HUNG SUPPORT JAY R. SMITH FIG. 230 VERTICAL OR 210 HORIZONTAL FLOOR MOUNTED SUPPORT.

URINAL-WALL HUNG SUPPORT JAT R. SMITH FIG. 609 FLOOR MOUNTED SUPPORT.

CO - EXPOSED CLEANOUT - UNFINISHED AREAS JAY R. SMITH FIG. 4420 CAST BRONZE COUNTERSUNK PLUG WITH SLOT TO RECEIVE 1/2" THICK STEEL BAR STOCK.

WCO - WALL CLEANOUT - FINISHED AREAS JAY R. SMITH FIG. 4436 CAST IRON FERRULE FOR NO HUB OR SERVICE WEIGHT PIPE, NICKEL BRONZE ROUND FRAME AND COVER WITH SECURING SCREWS.

FCO - CONCRETE FLOORS JAY R. SMITH FIG. 4220 CAST IRON CLEANOUT WITH GASKET SEAL THREADED PLUG FOR EASY REMOVAL, ADJUSTABLE

ROUND CAST IRON TOP WITH SECURING SCREW, SPEEDI-SET OUTLET CONNECTION. FCO - TILE FLOORS JAY R. SMITH FIG. 4151 CAST IRON CLEANOUT WITH GASKET SEAL THREADED PLUG FOR EASY REMOVAL, ADJUSTABLE

ROUND NICKEL BRONZE TOP RECESSED FOR TILE WITH SECURING SCREW, SPEEDI-SET OUTLET CONNECTION. FCO - CARPETED FLOORS JAY R. SMITH FIG. 4020-Y CAST IRON CLEANOUT WITH GASKET SEAL THREADED PLUG. ADJUSTABLE ROUND NICKEL

BRONZE TOP COMPLETE WITH STAINLESS STEEL CARPET MARKER WITH SECURING SCREW, SPEEDI-SET OUTLET YCO - EXTERIOR PAVED/CONCRETE AREAS

JAY R. SMITH FIG. 4261 CAST IRON FLANGED HOUSING WITH HEAVY DUTY C.I. COVER, LIFTING DEVICE, GASKET SEAL THREADED PLUG, V.P. SCREWS IN COVER. YCO - EXTERIOR UNSURFACED AREAS

JAY R. SMITH FIG. 4261 CAST IRON FLANGED HOUSING WITH HEAVY DUTY C.I. COVER, LIFTING DEVICE, GASKET SEAL THREADED PLUG, V.P. SCREWS IN COVER. PROVIDE 24" x 12" CONCRETE PAD FLUSH WITH SURFACE.

FD-G - FLOOR DRAINS-GENERAL/RESTROOMS JAY R. SMITH FIG. 2005-B6 SERIES CAST IRON FLOOR DRAIN WITH 6" SQUARE NICKEL BRONZE STRAINER, SPEEDI-SET OUTLET CONNECTION AND TRAP PRIMER CONNECTION.

FD-M -FLOOR DRAINS-GENERAL PURPOSE/MECHANICAL ROOM JAY R. SMITH FIG. 3715 SERIES CAST IRON 12" DIAMETER DRAIN WITH SEDIMENT BUCKET, CAST IRON GRATE WITH LOOSE 4"

FUNNEL, SPEEDI-SET OUTLET CONNECTION AND TRAP PRIMER CONNECTION.

WATTS FD-900-5-D CAST IRON DECK DRAIN WITH 12" ROUND DUCTILE IRON GRATE, COUNTERSUNK FLANGE, AND SEDIMENT

WATTS FS-730 12" SQUARE, 6" DEEP WHITE PORCELAIN ENAMEL COATED INTERIOR, LOOSE SET PORCELAIN ENAMEL COATED CAST IRON 1/2 GRATE, ALUMINUM DOME BOTTOM STRAINER, NO HUB OUTLET.

TP-A - AUTOMATIC TRAP PRIMER

PRECISION PLUMBING PRODUCTS PRIME-RITE SERIES AUTOMATIC TRAP PRIMER WITH MULTIPLE OUTLET DISTRIBUTION UNITS AS REQUIRED. ASSE 1018 COMPLIANT.

TP-L - WATER SAVER TRAP PRIMER ZURN Z1021 CHROME PLATED 1-1/2" POLISHED CAST BRASS P-TRAP WITH CLEANOUT, WALL ARM, GROUND JOINT ELBOW, SLIP NUT AND WASHERS, 1-1/4" SLIP NUT, WASHERS AND LAV/SINK TAILPIECE, ESCUTCHEONS, FLEXIBLE PRIMER TUBING, AND COMPRESSION FITTING. ASSE 1044 COMPLIANT.

WHA - WATER HAMMER ARRESTORS PRECISION PLUMBING PRODUCTS SYSTEM RATED PLUS SERIES COPPER WATER HAMMER ARRESTOR. INSTALL IN AN UPRIGHT POSITION AT ALL FLUSH VALVES, WASHING MACHINE SUPPLIES, DISHWASHERS, PRV STATIONS, AND OTHER QUICK CLOSING VALVES, SOLENOIDS AND PLUMBING FIXTURES. LOCATE AND SIZE AS INDICATED ON DRAWINGS. WHERE NOT SHOWN ON DRAWINGS, LOCATE AND SIZE IN ACCORDANCE WITH PDI STANDARD WH-201.

HB - MILD CLIMATE/INTERIOR HOSE BIBB WOODFORD MODEL 24P HOSE BIBB WITH WHEEL HANDLE WITH VACUUM BREAKER, ROUGH BRASS, FOR USE IN NON-

NFRH - NON-FREEZE ROOF HYDRANT WOODFORD MODEL SRH-MS. ROOF MOUNT PEDESTAL NON-FREEZE HYDRANT COMPLETE WITH MOUNTING FLANGE AND SHROUD, MALE HOSE END OUTLET WITH DUAL CHECK BACKFLOW PREVENTOR, SELF DRAINING VENTURI, 3/4" INLET, NO DRAIN REQUIRED.

NFWH - NON-FREEZE EXTERIOR WALL HYDRANT JAY R. SMITH FIG. 5509-QT NON FREEZE 3/4" CAST BRONZE HYDRANT WITH RECESSED STAINLESS STEEL BOX AND FRAME INTEGRAL VACUUM BREAKER, NICKEL BRONZE FACE, AND SIZED IN ACCORDANCE WITH WALL THICKNESS.

GUY GRAY MODEL MIB1HAAB 20 GAUGE WHITE POWDER COATED WITH QUARTER TURN VALVE AND WATER HAMMER ARRESTOR. PROVIDE FR-12 SERIES IN ALL FIRE RATED WALLS.

AAV - AIR ADMITTANCE VALVE STUDOR MINI-VENT, INTERNAL SCREENING, PREVENTS THE RELEASE OF FOUL AIR, WHITE ABS, 1-160 DFU PER BRANCH, 8-24 DFU PER STACK

LI - LINT INTERCEPTOR ZURN 1185-Z, ACID RESISTANT COATED INTERIOR AND EXTERIOR FABRICATED STEEL LINT INTERCEPTOR, NON-SKID SECURED COVER, ALUMINUM LINT INTERCEPTING SECONDARY SCREEN ASSEMBLY, AND PERMANENT STRAINING BAFFLE WITH 3/8" DIA PEBEORATED HOLES, EURMISHED WITH HIGH HULET AND LOW OUTLET

WB-1 WASHING MACHINE UTILITY CONNECTION GUY GRAY MODEL B200 16 GAUGE UTILITY CONNECTINO WITH 1/2" ANGLE VALVES AND 2" WASTE. PROVIDE FR-12 SERIES IN ALL FIRE RATED WALLS. APPROVED EQUALS ARE SIOUX CHIEF AND IPS.

BE INSTALLED IN A HEATED PLENUM. REFER TO MECHANICAL DRAWINGS.

CODE AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.

SHALL NOT REST ON OR BE SUPPORTED FROM CEILING TILES.

ALL PLUMBING EQUIPMENT, CONDENSATE DRAINAGE, SANITARY, STORM, AND WATER PIPING SHALL AHJ REQUIREMENTS.

ALL PIPING, P-TRAPS, AND CONDENSATE DRAINAGE SUBJECT TO FREEZING SHALL BE INSULATED

(UNDERSIDE) OF CEILING INSULATION AND HEATED SIDE (INSIDE) OF WALL INSULATION.

SANITARY DRAINAGE AND STORM DRAINAGE PIPING SHALL BE SLOPED AS REQUIRED BY CODE. VENT 26. ALL VENT THRU ROOF PENETRATIONS SHALL BE ROUTED TO TERMINATE AT THE LEAST VISIBLE PIPING SHALL BE GRADED BACK TO DRAINAGE PIPE IT SERVES.

TOPS OF ALL FLOOR DRAINS AND CLEANOUTS SHALL BE SET FLUSH WITH FINISHED FLOOR.

TRAP PRIMERS ARE TO BE PROVIDED ON ALL FLOOR DRAINS AND HUB DRAINS. TP "A" AUTOMATIC TRAP PRIMERS ARE TO BE PROVIDED IN ALL REQUIRED LOCATIONS. TRAP GUARDS COMPLYING TO ALLOWABLE BY THE AHJ.

PLUMBING PIPING SHALL NOT TO BE INSTALLED IN ELECTRICAL ROOMS, CLOSETS, TELEPHONE ROOMS, OR ELEVATOR EQUIPMENT ROOMS EXCEPT PIPING SERVING THAT SPECIFIC ROOM, ELECTRICAL EQUIPMENT, ETC. PER THE NATIONAL ELECTRICAL CODE ARTICLE 110.

DEDICATED ELECTRICAL SPACE ABOVE EACH LOAD CENTER.

PROVIDE ACCESS PANELS IN NON-ACCESSIBLE CEILINGS AND IN WALL STRUCTURE TO ALLOW 31. CONTRACTOR SHALL PROVIDE SUBMITTALS ON ALL PLUMBING SYSTEM COMPONENTS THAT ARE TO BE ADEQUATE ROOM FOR MAINTENANCE OF EQUIPMENT AND BALANCING OF SYSTEMS. ACCESS PANELS INSTALLED. IN CEILING AND WALLS SHALL BE PROVIDED WHERE SHOWN ON THE DRAWINGS OR NECESSARY TO ACCESS VALVES, WATER HAMMER ARRESTORS, TRAP PRIMERS, STRAINERS, ETC. COORDINATE EXACT LOCATION OF ALL ACCESS PANELS WITH THE ARCHITECT DURING THE SHOP DRAWING

B. LOCATE ALL SECTIONAL OR MAIN CONTROL VALVES WITHIN 1'-0" FROM ACCESS PANELS, CEILING TILES, OR OTHER POINTS OF ACCESS.

. ALL COLD WATER, HOT WATER AND DRAIN PIPING AT HANDICAPPED FIXTURES SHALL BE INSULATED WITH ASME A112.18.9 COMPLIANT INSULATION KITS, PLUMBEREX HANDY SHIELD MAXX INSULATION KITS OR EQUAL.

PROVIDE ASSE 1010 COMPLIANT WATER HAMMER ARRESTORS SIZED PER PDI STANDARD WH201 ON ALL DOMESTIC WATER SUPPLIES SERVING FLUSH VALVE FIXTURES, AND OTHER INSTALLATIONS WITH 34. CONTRACTOR TO VERIFY ALL INVERT ELEVATIONS FOR NEW PIPING CONNECTING TO CIVIL. NOTIFY QUICK CLOSING VALVES. PROVIDE ACCESS PANELS AS REQUIRED. AIR CHAMBERS ARE UNACCEPTABLE.

6. ALL ICE MAKER BOXES SHALL BE KEPT OUT OF RATED WALLS WHERE PRACTICAL. IF BOXES ARE IN RATED WALLS, THE CONTRACTOR SHALL INSTALL FIRE RATED BOXES.

 \sim PROVIDE REDUCED PRESSURE, DUAL CHECK BACKFLOW PREVENTORS AT ALL DOMESTIC WATER 👌 36. FURNISH AND INSTALL ALL NECESSARY VALVES, TRAPS, GAUGES, STRAINERS, UNIONS, ETC. FOR EACH CONNECTIONS TO MECHANICAL EQUIPMENT AND VENDING EQUIPMENT CONNECTIONS AS REQUIREDS BY CODE AND AUTHORITIES HAVING JURISDICTION. BACKFLOW PREVENTORS SHALL BE LOCATED WITH A MINIMUM OF 1'-0" CLEARANCE AT THE LOWEST POINT AND AT NO MORE THAN 5'-0" ABOVE

FINISHED FLOOR AT THE HIGHEST POINT OF THE DEVICE. 18. PROVIDE WATTS #SD-3, ASSE 1022 AT ALL CARBONATED BEVERAGE DISPENSERS.

BEVERAGE DISPENSERS.

EXPANSION LOOPS ON ALL PIPING SYSTEMS CROSSING BUILDING EXPANSION JOINTS. THERMAL EXPANSION AND CONTRACTION IN ALL DOMESTIC WATER PIPING SYSTEMS SHALL BE COMPENSATED FOR USING U-BENDS, Z-BENDS OR EXPANSION JOINTS AS INDICATED. U-BENDS (LOOPS) AND Z-BENDS SHALL BE COMPLETE WITH PIPE GUIDES AND ANCHORS. EXPANSION COMPENSATION IN PIPING RISERS OVER 100 FEET IN LENGTH SHALL BE MADE WITH ENGINEERED SYSTEMS; EITHER SPRING TYPE ISOLATORS AND CENTRAL ANCHOR SYSTEM (BY MASON

INDUSTRIES) OR FLEXIBLE HOSE EXPANSION LOOPS (METRALOOP AS MANUFACTURED BY THE

METRAFLEX COMPANY). REFER TO SPECIFICATION SECTION 22 05 16 FOR ADDITIONAL

REQUIREMENTS.

CONTRACTOR SHALL COORDINATE THE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL WITH ARCHITECT, OWNER, AND EQUIPMENT VENDOR PRIOR TO INSTALLATION. PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND SHALL FURNISH EQUIPMENT SELECTED FOR THE VOLTAGES SHOWN THEREIN. THE VOLTAGE COORDINATION STATEMENT IS TO 44. PROVIDE CHECK VALVES ON THE HOT AND COLD WATER INLETS AT THERMOSTATIC MIXING VALVES. BE COMPLETED AND SUBMITTED WITH THE SHOP DRAWING SUBMITTAL. FAILURE TO SUBMIT THE VOLTAGE COORDINATION STATEMENT WILL BE CAUSE FOR REJECTION.

PLUMBING GENERAL NOTES

- THE PLUMBING SYSTEMS INSTALLATION SHALL CONFORM WITH THE REQUIREMENTS OF THE 2020 21. ALL PLUMBING EQUIPMENT REQUIRING ELECTRICAL POWER SHALL BE INSTALLED WITH DISCONNECT FLORIDA BUILDING CODE. THE 2020 FLORIDA FUEL GAS CODE. 2020 FLORIDA ENERGY CONSERVATION SWITCHES AT EACH PIECE OF EQUIPMENT. COORDINATE SWITCH TYPE (FUSED OR NON-FUSED) WITH ELECTRICAL DRAWINGS.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS OF ALL PLUMBING 22. ALL PLUMBING EQUIPMENT, PIPING, INSULATION, ETC. INSTALLED IN HVAC PLENUM SPACES SHALL MEET CODE REQUIREMENTS FOR FLAME SPREAD AND SMOKE DEVELOPED.
- ALL PIPING ABOVE GRADE SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE AND 23. ALL PLUMBING EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTE ACCEPTANCE BY THE OWNER.
- WATER PIPING ROUTED ABOVE CEILING AND IN EXTERIOR WALLS SHALL BE ROUTED ON HEATED SIDE 24. ALL PIPE PENETRATIONS OF FIRE AND/OR SMOKE RATED ASSEMBLIES SHALL BE FIRE STOPPED AS REQUIRED TO RESTORE THE ASSEMBLY TO ITS ORIGINAL INTEGRITY. FIRE BARRIER PRODUCTS SHA BE AS MANUFACTURED BY 3M COMPANY, CP25 CAULK, CS195 COMPOSITE PANEL, FS195 WRAP/SRINK TREMCO, HILTI, METACAULK, NELSON, OR PSS 7900 SERIES SYSTEMS AS RECOMMENDED BY AND HEAT TRACED.ALL PIPING, P-TRAPS, AND CONDENSATE DRAINAGE SUBJECT TO FREEZING SHALL MANUFACTURER FOR PARTICULAR APPLICATIONS, OR EQUIVALENT SYSTEM AS APPROVED BY LOCAL CODE OFFICIALS. T-RATINGS SHALL BE MAINTAINED BY DOUBLE WRAPPING PENETRATIONS 4'-0" ABOVE FLOOR PENETRATIONS WITH A FIRE WRAP. WRAP MUST EQUAL T-RATING.
- BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND THE LOCAL 25. PROVIDE AN INLINE FILTER ON THE DOMESTIC WATER SUPPLY TO ALL ICE MACHINES; FILTRINE MODE TM OR ENGINEER APPROVED EQUAL.
 - LOCATION FROM THE ENTRY VIEW.. VTR'S SHALL BE LOCATED A MINIMUM 10'-0" AWAY FROM FRESH AIR INTAKES AND OPERABLE WINDOWS.
 - 27. PROVIDE AN ASSE 1070 THERMOSTATIC MIXING VALVE FOR EACH PUBLIC AND EMPLOYEE LAVATORY AND HAND SINK SET AT 110°F EQUAL TO LEONARD MODEL 170-LF THERMOSTATIC MIXING VALVE.
- ASSE 1072, AS MANUFACTURED BY SURSEAL OR EQUAL, MAY BE USED IN LIEU OF TRAP PRIMERS IF 28. PROVIDE AN ASSE 1070 THERMOSTATIC MIXING VALVE FOR EACH SHOWER/BATHTUB WITHOUT AN ASSE 1016 PRESSURE BALANCING SHOWER VALVE SET AT 120°F EQUAL TO LEONARD MODEL 370-LF THERMOSTATIC MIXING VALVE.
 - 29. ALL COMPONENTS OF THE DOMESTIC WATER SYSTEM SHALL COMPLY WITH ANSI/NSF 61, NSF 372, AN NSF 61-G LEAD FREE REQUIREMENTS.
- ROUTING OF PIPING SHALL BE COORDINATED WITH THE ELECTRICAL CONTRACTOR AND ALL OTHER 30. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS AS CONSTRUCTION PROGRESSES.. CONTRACTOR TRADES DURING THE SUBMITTAL AND LAYOUT PHASE. PIPING SHALL NOT BE ROUTED THROUGH THE SHALL SUBMIT AS-BUILTS TO ARCHITECT/ENGINEER FOR REVIEW AFTER THE FINAL CERTIFICATE OF OCCUPANCY HAS BEEN OBTAINED.

32. CONTRACTOR SHALL VISIT THE SITE AND COORDINATE WITH FINAL GRADING TO ASCERTAIN THE CONDITIONS AND MAKE PROVISIONS BEFORE IMPLEMENTING WORK. THE CONTRACTOR'S COST ESTIMATE SHALL COVER ALL NECESSARY LABOR FOR MATERIALS. FAILURE TO COMPLY WITH THIS REQUIREMENT SHALL NOT BE CONSIDERED JUSTIFICATION FOR OMISSIONS OR FAULTY WORK OR FOI THE PAYMENT OF ADDITIONAL COMPENSATION.

33. BEFORE BEGINNING EXCAVATIONS OR DEMOLITION OF ANY NATURE WHATSOEVER, THE CONTRACTOR SHALL LOCATE ALL SERVICES AND UTILITIES OCCURRING WITHIN THE BOUNDS OF THE PROJECT. PROCEED WITH CAUTION SO THAT NO UTILITY OR LINE SERVING AREAS THAT ARE TO REMAIN BE DAMAGED WITH A RESULTANT LOSS OF SERVICE. VERIFY THE SOURCE AND SERVICE OF EACH AND EVERY LINE ENCOUNTERED AND RECORD SERVICE, SIZE AND LOCATION ON THE RECORD DRAWINGS

ENGINEER OF ANY DISCREPANCIES.

35. COORDINATE INTERRUPTION OF SERVICES AND UTILITIES WITH THE OWNER OR OWNER'S REPRESENTATIVE, FIRE DEPARTMENT AND UTILITY COMPANIES TO ENSURE MINIMUM SHUTDOWN TIMES THAT ARE ACCEPTABLE TO THE OWNER AND AUTHORITIES.

PIECE OF EQUIPMENT HAVING PLUMBING CONNECTIONS TO FACILITATE PROPER FUNCTIONING AND SERVICING. DO NOT INSTALL PIPING AT LOCATIONS THAT INTERFERE WITH SERVICE ACCESSIBILITY 1

. VERIFY EXACT LOCATION OF EQUIPMENT PRIOR TO INSTALLATION OF FLOOR DRAINS, FLOOR SINKS AND OTHER RECEPTORS. RELOCATION DUE TO MISPLACEMENT SHALL BE AT NO ADDITIONAL COST.

· 19. PROVIDE WATTS #LF7C, ASSE 1024 AT ALL ICE MACHINE, COFFEE MACHINE AND NON-CARBONATED 🧹 38. SEAL ALL PIPE PENETRATIONS THROUGH BUILDING GRADE BEAMS AND EXTERIOR WALLS

0. PROVIDE MANUFACTIRER EXPANSION DEVICES EQUAL TO METRAFLEX METRALOOP OR FABRICATED 39. CONTRACTOR SHALL NOT ABANDON PLUMBING SYSTEMS IN PLACE, UNLESS SPECIFICALLY NOTED. 40. PROVIDE ALL MATERIAL, EQUIPMENT, LABOR, SUPERVISION, COSTS AND SERVICES REQUIRED TO

> INSTALL COMPLETE AND WORKING SYSTEMS, INCLUDING ALL ITEMS AND APPURTENANCES NECESSARY, INCIDENTAL, REASONABLE OR CUSTOMARILY INCLUDED.

41. PROVIDE A PVC SLEEVE FOR GAS PIPING THAT IS ROUTED UNDER A WALKWAY OR CONCRETE SLAB.

42. ALL UTILITIES TO VENDOR EQUIPMENT SHALL BE INSTALLED PER THE MANUFACTURER'S

43. COORDINATE ALL FLOOR DRAIN, FLOOR SINK, HUB DRAIN, WALL AND FLOOR CLEANOUT LOCATIONS

45. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET AND SHALL BE EITHER HAND OPERATED OR AUTOMATIC.

4. All hot and cold-water piping exposed to areas subject to freezing, refer to "Heat Cable for Freeze Protection of Piping" under Part 2 of Section 22 00 00 for additional requirements.

B. Domestic hot, cold, hot water recirculation, primary storm drainage, and waste drainage piping shall be insulated with 4 lb. density sectional fiberglass insulation with a thermal conductivity not to exceed 0.24 with white all service jacket and vapor barrier. All joints and seams shall be sealed vapor tight. All seams

c. All interior horizontal storm drainage piping systems and roof drain bodies are to be insulated with blanket

type glass fiber bonded with thermosetting resin with white vinyl vapor retarding facing, 2" wide

D. Piping insulation exposed to weather shall be protected from damage, including that caused by sunlight, moisture, equipment maintenance and wind. The protection shall provide shielding from solar radiation

E. Materials as specified in this section shall be manufactured by CertainTeed, Johns Manville, Knauf, Owens Corning or equal. Insulation thicknesses shall be as shown in the following table:

and staples shall then be covered with "All Service Jacket" three-inch wide tape.

that can cause degradation of the material. Adhesive tape shall be prohibited.

TEMPERATURE RANGE

PLUMBING PIPE INSULATION SCHEDULE

1. All domestic cold-water (copper) piping and piping subject to freezing.

2.01 INSULATION SPECIFICATION:

A. The following shall be insulated:

DOMESTIC COLD

DOMESTIC HOT & RETURN WATER HORIZONTAL STORM DRAINAGE

All hot water and hot water return piping.

3. All horizontal storm drain piping and roof drain bodies.

	I LOIVII	
SYMBOL	ABBREVIATION	DESCRIPTION
	A/C	ABOVE CEILING
	AD	AREA DRAIN
	A/F	ABOVE FLOOR
	AFF	ABOVE FINISHED FLOOR
	AFG	ABOVE FINISHED GRADE
	AP	ACCESS PANEL
	B/F	BELOW FLOOR
	B/G	BELOW GRADE
	BFP	BACKFLOW PREVENTOR
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	BV	BALANCING VALVE
	CV	CHECK VALVE
ı 	СО	CLEANOUT PLUG
CD	CD	CONDENSATE DRAIN
	CW	COLD WATER PIPING
CWV	CWV	COMBINATION WASTE & VENT
(——	DSN	DOWNSPOUT NOZZLE
<u> </u>	FCO	FLOOR CLEANOUT
	FD	FLOOR DRAIN
	FS	FLOOR SINK
G	G	GAS PIPING - LOW PRESSURE (# PSI)
MG	MG	GAS PIPING - MEDIUM PRESSURE (# PSI)
	HC	HANDICAPPED
	HT	HEAT TRACED PIPING
\$	HB, NFHB, NFRH	HOSE BIBB / NON-FREEZE HOSE BIBB / NON-FREEZE ROOF HYDRANT
	HW	HOT WATER PIPING
	HWR	HOT WATER RETURN PIPING
<u>ô</u> —	HD	HUB DRAIN
	NC	NORMALLY CLOSED
	O/H	OVER HEAD
	-	PIPING TEE
с ——	DN	PIPING TURNING DOWN
o	UP	PIPING TURNING UP
•	POC	POINT OF CONNECTION NEW TO EXISTING
	PRV	PRESSURE REDUCING VALVE
PD	PD	PUMPED DISCHARGE
α—		P-TRAP
>	RH, NFRH	NON-FREEZE ROOF HYDRANT
-XXX	RPZ	REDUCED PRESSURE BACKFLOW PREVENTOR
0 ⊁		RISER VALVE
\longrightarrow		SHUTOFF VALVE
SAN—	S,SAN,W	SOIL, SANITARY, WASTE PIPING (ABOVE GROUND)
— — SAN— —	S,SAN,W	SOIL, SANITARY, WASTE PIPING (BELOW GROUND)
1 1	5,5AN,VV	STRAINER
N N	TMV	THERMOSTATIC MIXING VALVE
\sim	TP	TRAP PRIMER
		UNDER COUNTER
	U/C	
	 V	UNION VENT DIDING
		VENT PIPING
11	VTR	VENT THRU ROOF
<u> </u>	WCO	WALL CLEANOUT
<i>\$</i> —	WH, NFWH	WALL HYDRANT/NON-FREEZE WALL HYDRANT
	WSV	WASTE STACK VENT
	WHA	WATER HAMMER ARRESTOR
→	YCO	YARD CLEANOUT

PLUMBING LEGEND

FLOW TEST DATA SCHEDULE

JPON AWARD OF THE CONTRACT. THE FIRE PROTECTION CONTRACTOR SHALL PERFORM A FLOW TEST ON THE TWO HYDRANTS NEAREST THE SITE AND FORWARD THE TEST DATA TO THE ENGINEER AND ARCHITECT THE FOLLOWING WATER PRESSURE/FLOW DATA WAS OBTAINED FROM: PHOENIX FIRE PROTECTION INC.

·	16.125.1611.116.
STATIC PRESSURE:	80 PSI
RESIDUAL PRESSURE:	45 PSI
FLOW (GPM):	995 GPM
ELEVATION OF TEST HYDRANT:	
LOCATION OF TEST HYDRANT:	TYRON PASS AND TYRON CIRCLE
DATE OF TEST:	NOVEMBER 17TH, 2022
TIME OF DAY OF TEST:	10:00 AM

PLUMBING SHEET INDEX

P-001 LEGEND NOTES & SCHEDULES - PLUMBING

	P-001	LEGEND, NOTES & SCHEDULES - PLUMBING
	P-002	SCHEDULES & DETAILS - PLUMBING
	P-101	OVERALL UNDERGROUND PLAN - PLUMBING
	P-102	OVERALL BASEMENT PLAN - PLUMBING
	P-102-1	BASEMENT SANITARY & VENT PLAN - PARTIAL A
	P-102-2	BASEMENT SANITARY & VENT PLAN - PARTIAL B
	P-103-1	BASEMENT DOMESTIC WATER PLAN - PARTIAL A
$\sqrt{}$	~~Pv403v2~	BASEMENT DOMESTICS WATER PLAN - PARTIAL B
4	P-104-1-NG	BASEMENT NATURAL GAS PLAN
\mathcal{L}		OVERALL EROUND FLOOR PLAN-FLUMBING
	P-111-1	GROUND FLOOR SANITARY & VENT PLAN - PARTIAL A
	P-111-2	GROUND FLOOR SANITARY & VENT PLAN - PARTIAL B
	P-111-3	GROUND FLOOR SANITARY & VENT PLAN - PARTIAL C
	P-112-1	GROUND FLOOR DOMESTIC WATER PLAN - PARTIAL A
	P-112-2	GROUND FLOOR DOMESTIC WATER PLAN - PARTIAL B
\triangle	~P4123~	GROUND-FLOOR DOWESTIC-WATER PLAN-PARTIAL C
7	P-113-1-NG	GROUND FLOOR NATURAL GAS PLAN - PARTIAL A
(P-113-2-NG	GROUND FLOOR NATURAL GAS PLAN - PARTIAL B
کے	P-113-3-NG	GROUND FLOOR NATURAL GAS PLAN - PARTIAL C
}	P-121	OVERALL ATTIC FLOOR PLAN - PLUMBING
6	P-122-NG	OVERALL ATTIC FLOOR PLAN - NATURAL GAS
	~~P21/34~~	OVERALL ROOF PLAN PLUMBING
	P-131-1	ROOF PLUMBING PLAN - PARTIAL A
	P-131-2	ROOF PLUMBING PLAN - PARTIAL B
	P-401	ENLARGED VIEWS & ISOMETRICS - PLUMBING
	P-402	ENLARGED VIEWS & ISOMETRICS - PLUMBING
	P-403	ENLARGED VIEWS & ISOMETRICS - PLUMBING
	P-404	ENLARGED VIEWS & ISOMETRICS - PLUMBING
	P-405	ENLARGED VIEWS & ISOMETRICS - PLUMBING



P-406 ENLARGED VIEWS & ISOMETRICS - PLUMBING P-407 ENLARGED VIEWS & ISOMETRICS - PLUMBING

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REVISION 1 A COT RESPONSE 08/21/23

LEGEND, NOTES & SCHEDULES -**PLUMBING**

Cold Water Supply -

Gas Supply -

Expansion -

Tank

Hot Water Return
→ ✓ ✓ ✓ ✓ ✓ ✓ ✓

This schematic is a suggested piping configuration.

Scale: N.T.S.

CONNECTION TO UNIT GAS

AT CONNECTION POINT.

SEE PLANS FOR SIZE -

GAS SUPPLY

GAS COCK-

PIPE STAND

TYPICAL TO

DB-10---

ROOF

DURA BLOCK

UNION (TYPICAL)-

CONTROLS, PROVIDE GROMMET FOR WATER TIGHT SEAL. PROVIDE UNION

GAS PRESSURE REGULATOR, INLET

AND OULET PRESSURE SHALL BE COORDINATED W/ EQUIPMENT MANUF. - \cdots

Recirculation Line

3. For pipe sizes, gas pressure requirements, and venting, please refer to operation and installation manual.

ROOF TOP UNIT

ROOFTOP EQUIPMENT GAS CONNECTION DETAIL

Any additional requirements from local codes and ordinances shall supercede this diagram.

WATER HEATER CONNECTION DETAIL

PIPE T&P TO

OPEN DRAIN

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COUNTRY

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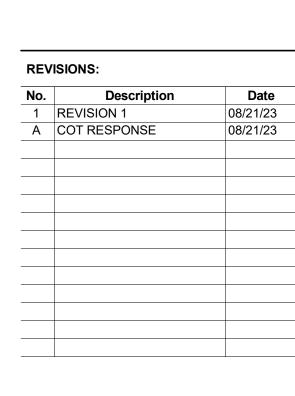
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SCHEDULES & **DETAILS** -**PLUMBING**

Jordan & Skala Engineers PROJECT NUMBER 22038 4275 Shackleford Road, Suite 200 ● Norcross, GA 30093 p. 770.447.5547 ● f. 770.448.0262 DATED 8/21/2023

Drawn By: EIA Checked By: JMW

P-002

GAS FIRED TANKLESS WATER HEATER SCHEDULE TURN GPM OUTLET DIMS RATIO TEMP. RISE TEMPERATURE (INCHES) MAX MAX
BTU BTU
INPUT OUTPUT FLUE SIZE MANUFACTURER/ WEIGHT CONSUMPTION MODEL No./ SERVICE INTELLIHOT/ iN501/ WHG-1 RESTROOMS, LAUNDRY 499.99 | 479,999 | 4" 16.7:1 67.7x20x20 WHG-2 KITCHEN, BAR, PANTRY 499,99 479,999 4" 16.7:1 67.7x20x20 9.59 AMPS, 16W NOTES: WATER HEATER(S) SHALL MEET ASHRAE 90-75, ASME-HLW COMPLIANCE, ALL LOCAL CODE REQUIREMENTS, AND SHALL BE AGA CERTIFIED. LOCATE WATER HEATERS AS INDICATED ON PLANS AND INSTALL PER MANFUACTURER'S RECOMMENDATIONS.

MANUFACTURER	MODEL NUMBER	SERVICE	TYPE	FLOW PER PUMP (GPM)	HEAD PER PUMP (FT)	RPM	HP	NOTES
STANCOR	SE50	SANITARY DRAINAGE/ ELEVATOR PIT	SUBMERSIBLE SIMPLEX	50	11	3600	1/2	WITH OIL MINDER SUMP PUMP
TACO	TACO -0011	HOT WATER RECIRC./ RESTROOMS, LAUNDRY	INLINE	5.40	26	3250	1/8	
TACO	TACO -0011	HOT WATER RECIRC./ KITCHEN	INLINE	3.20	23	3250	1/8	
_	TACO TACO IREMENTS:	TACO TACO -0011 TACO TACO -0011 IREMENTS:	TACO TACO -0011 TACO -0011 TACO -0011 TACO -0011 TACO -0011 ELEVATOR PIT HOT WATER RECIRC./ RESTROOMS, LAUNDRY HOT WATER RECIRC./ KITCHEN	TACO TACO -0011 HOT WATER RECIRC./ TACO TACO -0011 HOT WATER RECIRC./ KITCHEN INLINE IREMENTS:	STANCOR SE50 SANITARY DRAINAGE/ SUBMERSIBLE SIMPLEX 50 TACO TACO -0011 HOT WATER RECIRC./ RESTROOMS, LAUNDRY INLINE 5.40 TACO TACO -0011 HOT WATER RECIRC./ KITCHEN INLINE 3.20	STANCOR SE50 SANITARY DRAINAGE/ ELEVATOR PIT SUBMERSIBLE SIMPLEX 50 11 TACO TACO -0011 HOT WATER RECIRC./ RESTROOMS, LAUNDRY INLINE 5.40 26 TACO TACO -0011 HOT WATER RECIRC./ KITCHEN INLINE 3.20 23	STANCOR SE50 SANITARY DRAINAGE/ ELEVATOR PIT SUBMERSIBLE SIMPLEX 50 11 3600 TACO TACO -0011 HOT WATER RECIRC./ RESTROOMS, LAUNDRY INLINE 5.40 26 3250 TACO TACO -0011 HOT WATER RECIRC./ KITCHEN INLINE 3.20 23 3250	STANCOR SE50 SANITARY DRAINAGE/ ELEVATOR PIT SUBMERSIBLE SIMPLEX 50 11 3600 1/2 TACO TACO -0011 HOT WATER RECIRC./ RESTROOMS, LAUNDRY INLINE 5.40 26 3250 1/8 TACO TACO -0011 HOT WATER RECIRC./ KITCHEN INLINE 3.20 23 3250 1/8

PROVIDE CONDENSATE NEUTRALIZATION KIT EQUAL TO NEUTRASAFE CN4-2000 ON CONDENSATE DISCHARGE PIPING. ROUTE TO FLOOR DRAIN.

PROVIDE POSITIVE LOCK-UP GAS PRESSURE REGULATOR SET TO 2.5" W.C. MIN. AND 14" W.C. MAX (8" W.C. NOMINAL).

PROVIDE DIELECTRIC FITTINGS, BALL VALVES, AND UNIONS ON WATER INLET AND OUTLET CONNECTIONS.

PROVIDE PRESSURE RELIEF VALVE AND ROUTE TO FLOOR DRAIN.

PROVIDE STRAINER ON WATER INLET CONNECTION.

PROVIDE BACNET CONTACTS FOR BAS/EMCS.

	FLOW/		MINIMUM RO	UGH-IN SIZES	
FIXTURE I.D./ DESCRIPTION	FLOW RATE	WASTE CONNECTION	VENT CONNECTION	COLD WATER SUPPLY	HOT WATER SUPPLY
<u>WC-1</u> A.D.A. WATER CLOSET WALL MOUNTED - FLUSH VALVE	1.28 GPF	4"	2"	1"	
WC-2 A.D.A. WATER CLOSET WALL MOUNTED - FLUSH VALVE	1.28 GPF	4"	2"	1"	
WC-3 A.D.A. WATER CLOSET FLOOR MOUNTED - TANK TYPE	1.28 GPF	4"	2"	1"	
<u>UR-1</u> URINAL WALL MOUNTED	0.5 GPF	2"	2"	3/4"	
L-1 A.D.A. LAVATORY UNDERCOUNTER	0.5 GPM	2"	2"	1/2"	1/2"
<u>L-2</u> A.D.A. LAVATORY WALL HUNG WITH PEDESTAL	0.5 GPM	2"	2"	1/2"	1/2"
<u>L-3</u> A.D.A. LAVATORY UNDERCOUNTER	0.5 GPM	2"	2"	1/2"	1/2"
<u>L-4</u> A.D.A. LAVATORY WALL HUNG	0.5 GPM	2"	2"	1/2"	1/2"
<u>L-5</u> A.D.A. LAVATORY WALL HUNG	0.5 GPM	2"	2"	1/2"	1/2"
SH-1 SHOWER	1.75 GPF	2"	2"	1/2"	1/2"
EWC-1 ELECTRICAL WATER COOLER BI-LEVEL, WITH BOTTLE FILLER	GPM	1-1/4"	1-1/4"	1/2"	
MS-1 MOP SINK - FLOOR MOUNTED	1.5 GPM	3"	2"	1/2"	1/2"
S-1 SINGLE BOWL SINK	1.5 GPM	2"	2"	1/2"	1/2"
IMB ICE-MAKER BOX	GPM			1/2"	

BATHROOM SINK FAUCETS, WATER CLOSETS, URINALS, SHOWER HEADS, AND PRE-RINSE SPRAY VALVES SHALL BE WATERSENSI ADA COMPLIANT PLUMBING FIXTURES SHALL BE INSTALLED PER ALL FEDERAL AND LOCAL REQUIREMENTS 3 REFER TO A PENTICOTURA, WATERIOD DECIGIES PLANS FOR DUSING WATER OCATIONS AND MOUNTING HEIGHTS. REFER TO PLUMBING SPECIFICATION SECTION 224000 FOR PLUMBING FIXTURE SPECIFICATIONS.

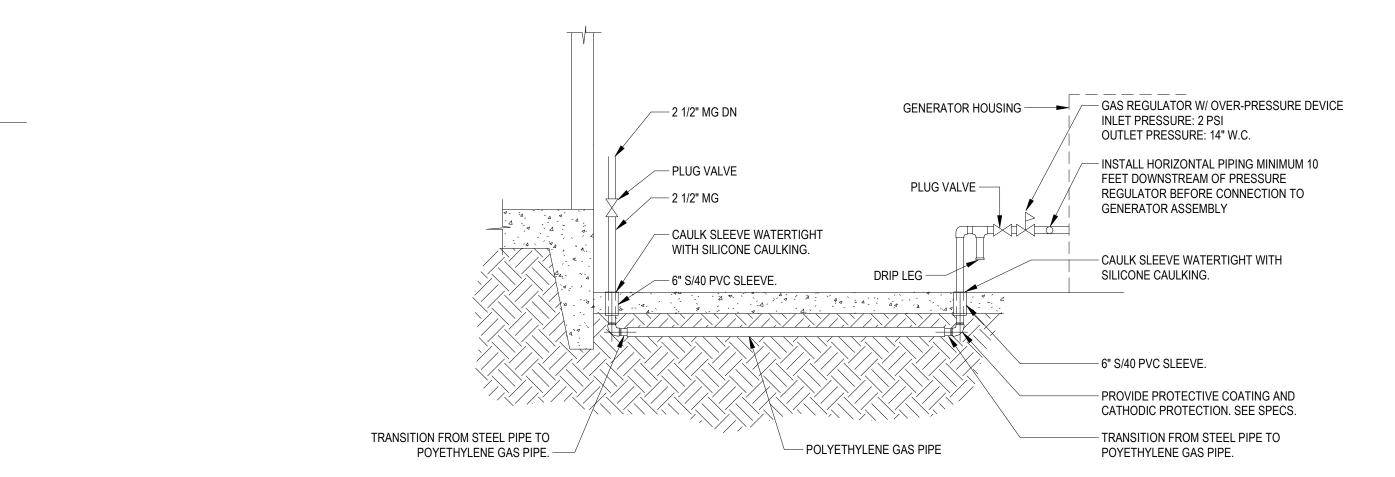
mmmmmmmmmmmm

PRESSURE GAUGE (TYP.)

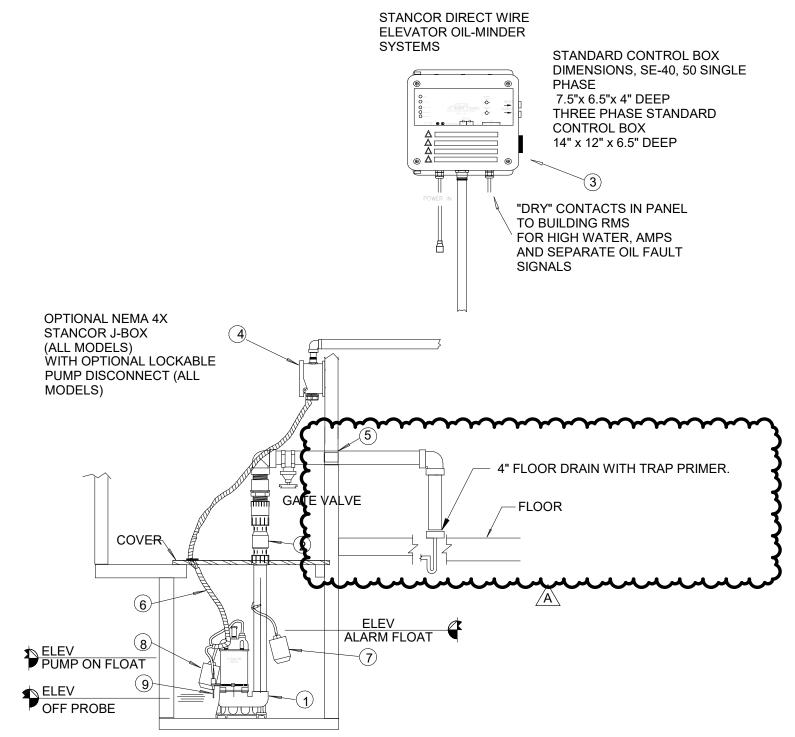
-PIPE RELIEF

VALVE

			PLUMBING PU	MP SCHE	DULE				
SYMBOL	MANUFACTURER	MODEL NUMBER	SERVICE	TYPE	FLOW PER PUMP (GPM)	HEAD PER PUMP (FT)	RPM	HP	NOTES
ESP-1	STANCOR	SE50	SANITARY DRAINAGE/ ELEVATOR PIT	SUBMERSIBLE SIMPLEX	50	11	3600	1/2	WITH OIL MINDER SUMP PUMP
HWRP-1	TACO	TACO -0011	HOT WATER RECIRC./ RESTROOMS, LAUNDRY	INLINE	5.40	26	3250	1/8	
HWRP-2	TACO	TACO -0011	HOT WATER RECIRC./ KITCHEN	INLINE	3.20	23	3250	1/8	
A. ALL DOM B. ALL THRE C. REFER T	EE-PHASE PUMP MOTO O THE SPECIFICATIONS	RS 1 HP OR LARGER SHALL S FOR ADDITIONAL REQUIRE	ONZE OR STAINLESS STEEL MEET OR EXCEED EFFICIEN MENTS. CTORY TRAINED PERSONNE	CY STANDARDS FO				HWRP: HOT	ATOR SUMP PUMP



UNDERGROUND GAS PIPING TO EMERGENCY GENERATOR DETAIL Scale: N.T.S.



1. Stancor Model SE-50 submersible effluent pump 1/2 HP, 3600 RPM, 2" discharge connection (shown as example) 2. Check valve (2") 3. Stancor Oil-Minder control system with built-in audible and visual alarm when pump does not run due to oil in pit or high liquid or high amperage condition. Provide silencing button for audible alarm built into panel. Panel shall have two contacts for a remote alarm location (one each for oil and high water or amperage alert). 4. Junction box available as a factory option with or without a lockable pump disconnect switch 5. All buried pump pressure discharge piping shall be protected with tapecoat CT corrosion protection tape 6. Pump cable, probe cable, high liquid alarm cable, and pump "on" float cable (16 ft. lengths standard) 7. High liquid alarm float with clamp device to mount to pump discharge piping Pump On float

Items 1, 3, 6, 7, 8 and 9 provided by Stancor as a Standard Package

Oil sensing probe

ELEVATOR SUMP PUMP DETAIL

-24" DIAMETER (MINIMUM) PRE CAST CLEANOUT MANHOLE BARREL SECTION OR ENGINEER APPROVED EQUAL (TYP.) CLEANOUT -SAMPLING MANHOLE. VERIFY EXACT REQUIREMENTS WITH LOCAL AUTHORITY 3" V B/G, SEE PLAN FOR EXACT LOCATION-24" DIA. MIN. GAS TIGHT MANHOLE FRAME AND COVER FOR H-20 TRAFFIC DUTY-6" THICK -NOTE: INLET AND ₩6" THICK BAFFLE CONCRETE PAD-OUTLET SHALL BE LOCATED TO ALIGN WITH INTERIOR WALL OF MANHOLE -WATER LEVEL TEE WITH CLEANOUT (TYP.) PRECAST, OR POURED IN PLACE CONCRETE GREASE INTERCEPTOR-

HOT WATER FIXTURES

- Hot Water

DUPLEX GREASE INTERCEPTOR-1500 GALLONS DETAIL (3) - Scale: N.T.S.

DISCHARGE TO FLOOR DRAIN AUTOMATIC TRAP PRIMER WITH 1/2" TYPE K COPPER TUBING TO FLOOR DRAIN TRAP PRIMER CONNECTION--PIPE SUPPORT EXTERIOR WALL-DIELECTRIC FLANGE SET. TRANSITION TO INTERIOR PIPING AS SPECIFIED. -ROD AND CLAMPS

DOMESTIC WATER SUPPLY TO BUILDING-

ASSE 1013 LEAD FREE

REDUCED PRESSURE ZONE

ASSEMBLY AS REQUIRED BY

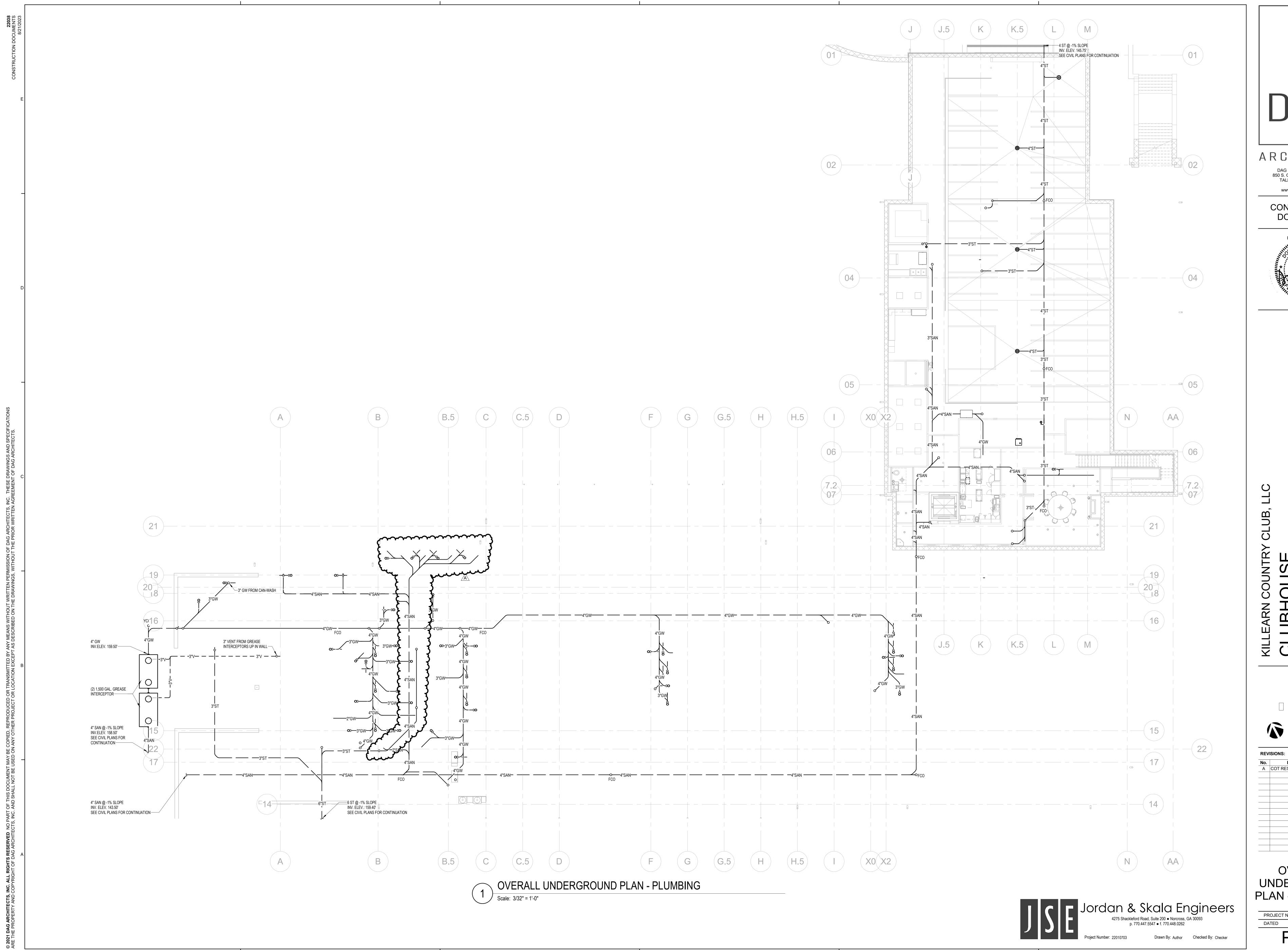
LOCAL AUTHORITY, FEBCO

MODEL LF880V VERTICAL ORIENTATION Z-PATTERN, OR ENGINEER APPROVED EQUAL.-

SHUTOFF VALVE (TYP)-

NONFREEZE WALL HYDRANT

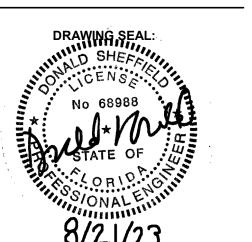
DOMESTIC WATER SERVICE ENTRANCE VERTICAL BACKFLOW DETAIL Scale: N.T.S.





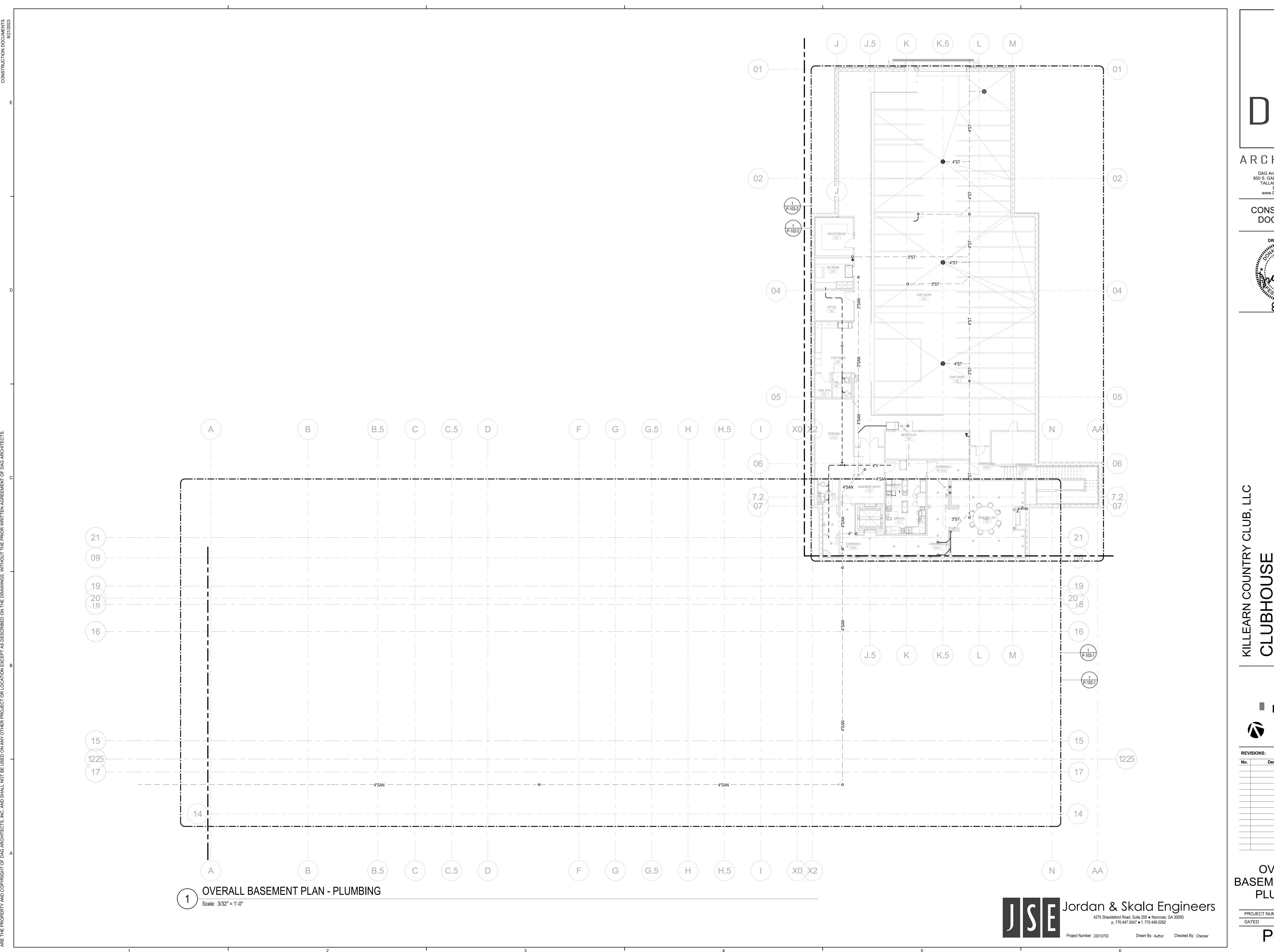
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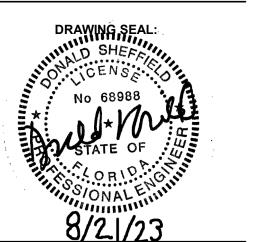
OVERALL UNDERGROUND PLAN - PLUMBING

PROJECT NUMBER **22038** 8/21/2023



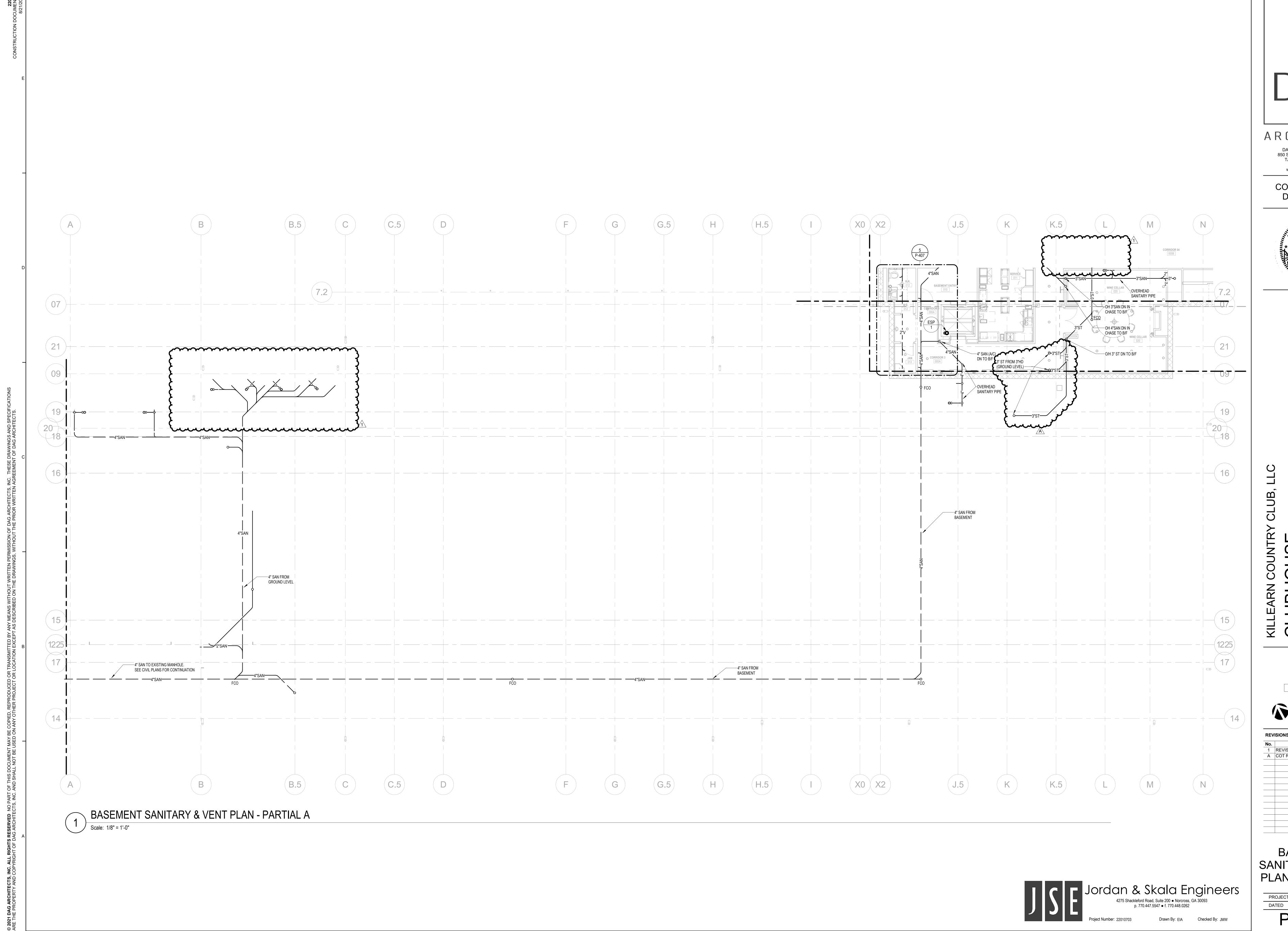
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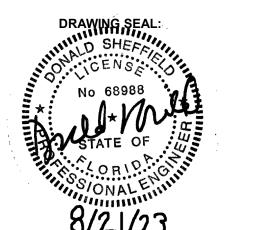
OVERALL BASEMENT PLAN -**PLUMBING**

PROJECT NUMBER 22038 8/21/2023



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A COT RESPONSE

BASEMENT SANITARY & VENT PLAN - PARTIAL A

PROJECT NUMBER 22038 8/21/2023 P-102-1

BASEMENT SANITARY & VENT PLAN - PARTIAL B

| Scale: 1/8" = 1'-0"

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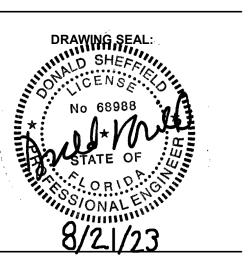


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BASEMENT SANITARY & VENT PLAN - PARTIAL B

PROJECT NUMBER 8/21/2023

P-102-2



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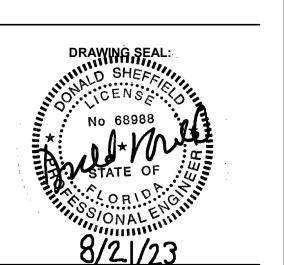
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KEY PLAN

No.	Description	Date

BASEMENT DOMESTIC WATER PLAN - PARTIAL A

PROJECT NUMBER 8/21/2023 P-103-1

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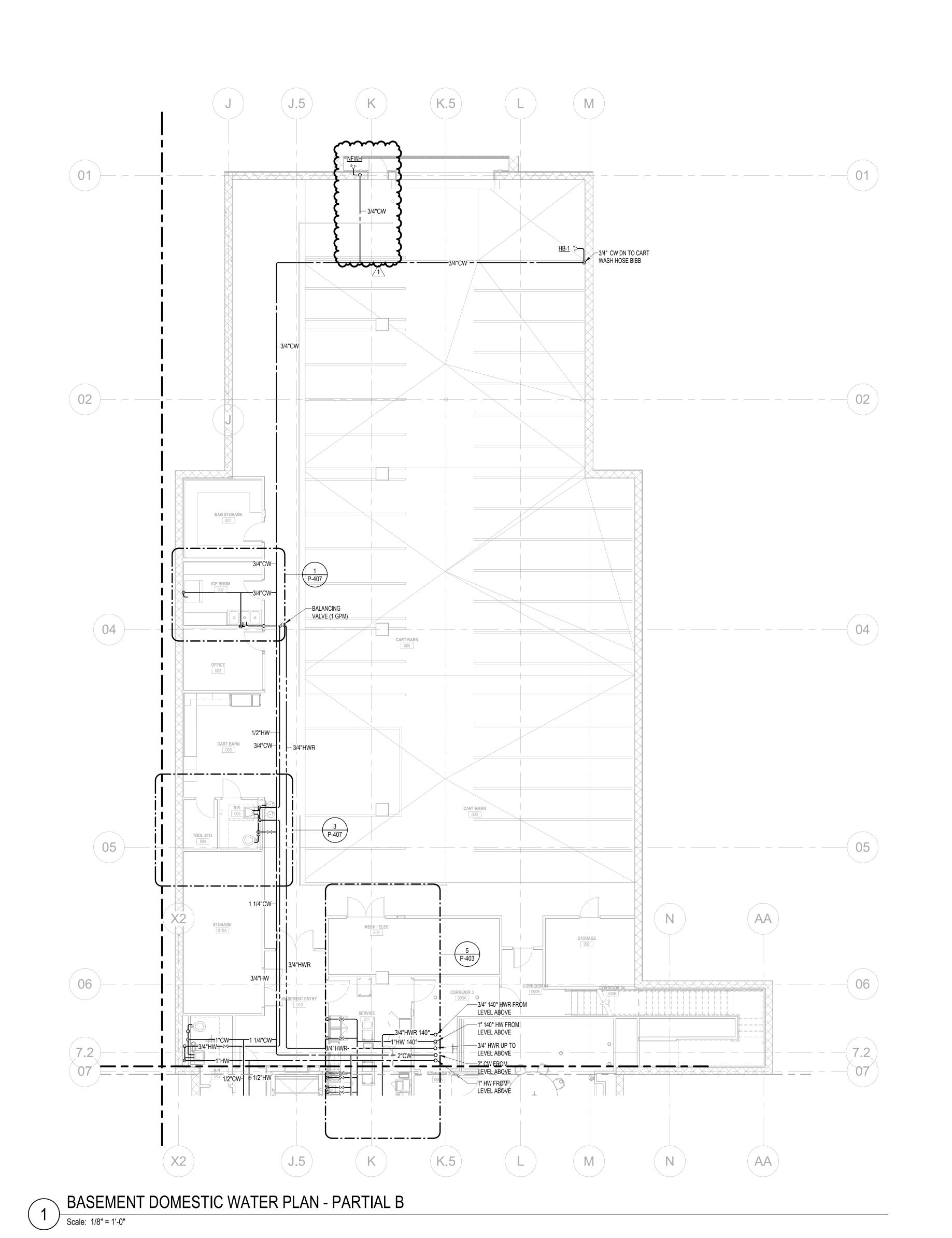
CONSTRUCTION

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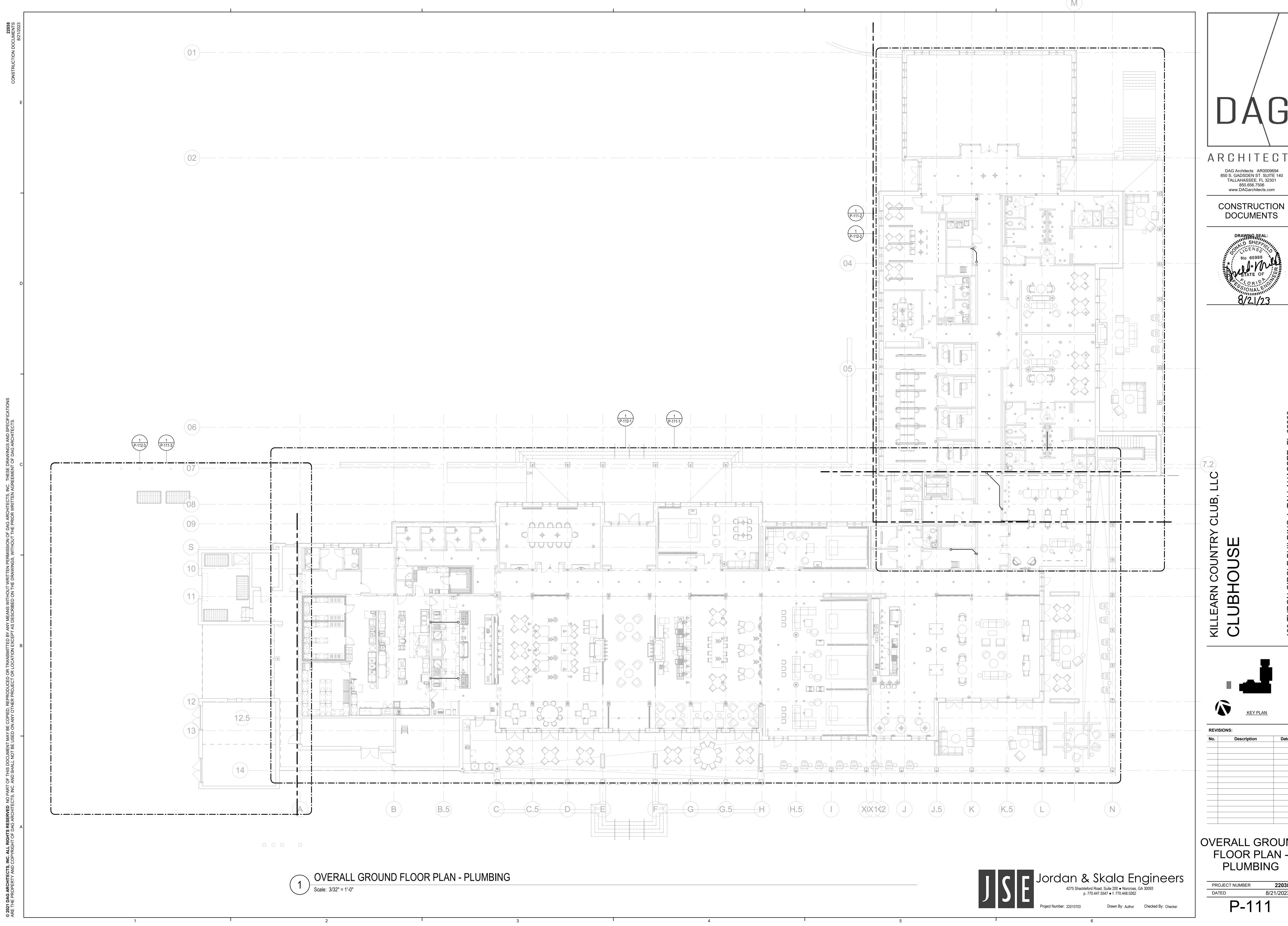
BASEMENT DOMESTICS WATER PLAN -PARTIAL B PROJECT NUMBER

22038 8/21/2023

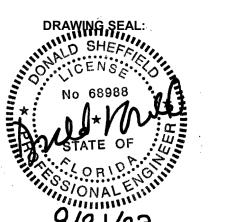
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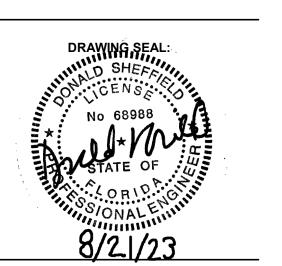
OVERALL GROUND FLOOR PLAN -**PLUMBING**

22038 8/21/2023

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



CONSTRUCTION DOCUMENTS



No. Description
1 REVISION 1
A COT RESPONSE

GROUND FLOOR SANITARY & VENT PLAN - PARTIAL A

PROJECT NUMBER 8/21/2023 P-111-1

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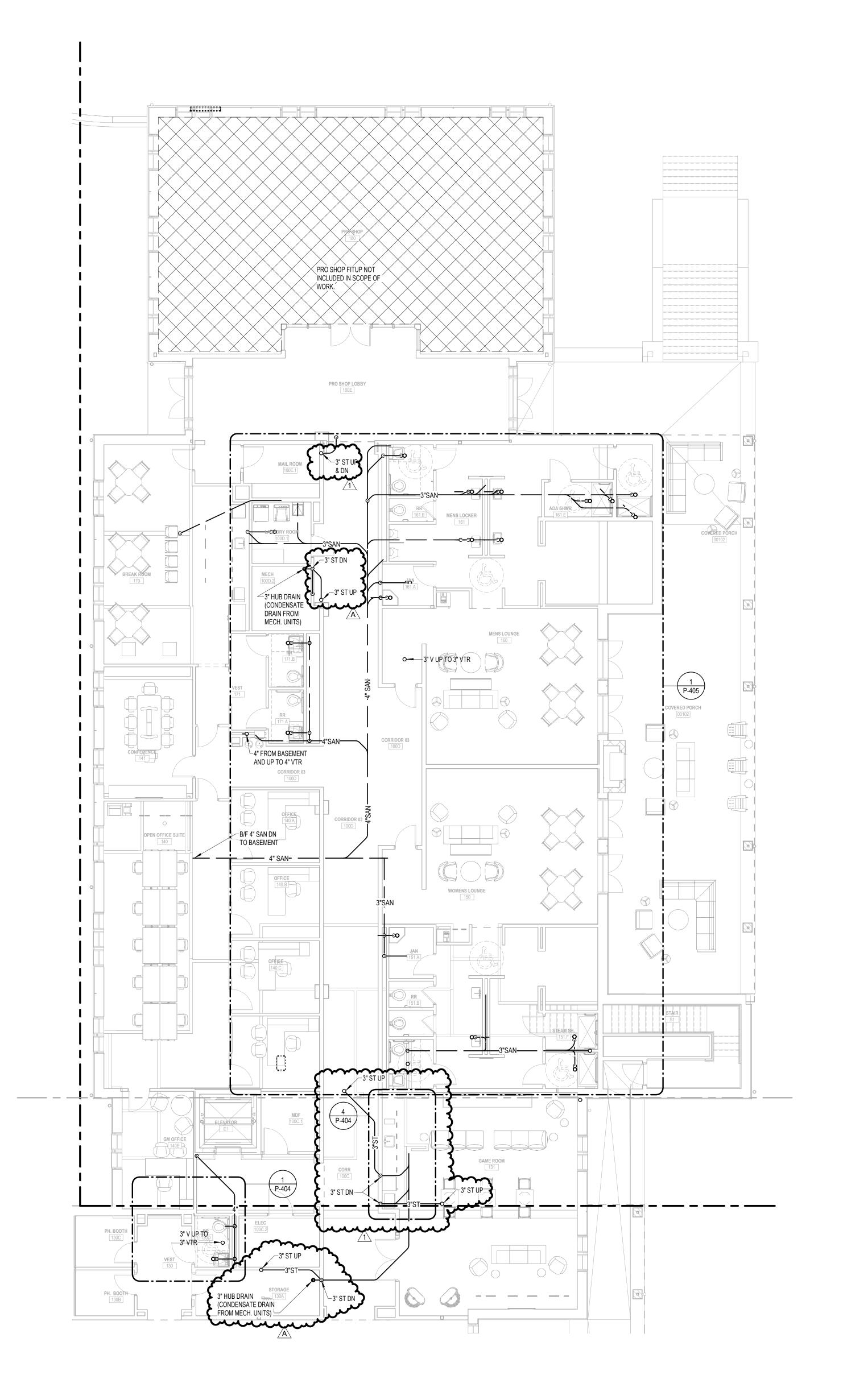
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GROUND FLOOR SANITARY & VENT PLAN - PARTIAL B

PROJECT NUMBER **22038** 8/21/2023 P-111-2

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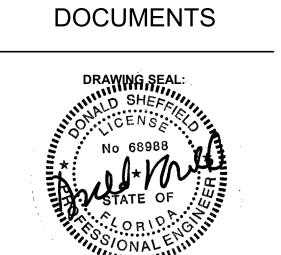
GROUND |
Scale: 1/8" = 1'-0"

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CONSTRUCTION



CLUBHOUSE

KEY PLAN

REVISIONS:

No. Description Date

GROUND FLOOR SANITARY & VENT PLAN - PARTIAL C

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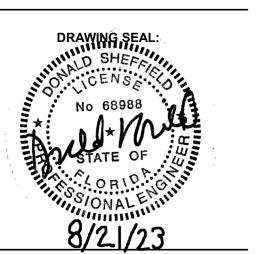
PROJECT NUMBER 22038
DATED 8/21/2023

P-111-3



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GROUND FLOOR DOMESTIC WATER PLAN - PARTIAL A

PROJECT NUMBER 8/21/2023 P-112-1

GROUND FLOOR PLAN - DOMESTIC WATER - PARTIAL B

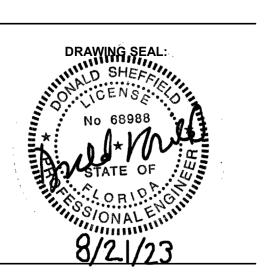
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REVISIONS:

No. Description

1 REVISION 1

1 REVISION 1 08/21/23

GROUND FLOOR DOMESTIC WATER PLAN - PARTIAL B

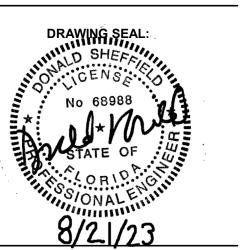
PROJECT NUMBER 22038
DATED 8/21/2023
P-112-2



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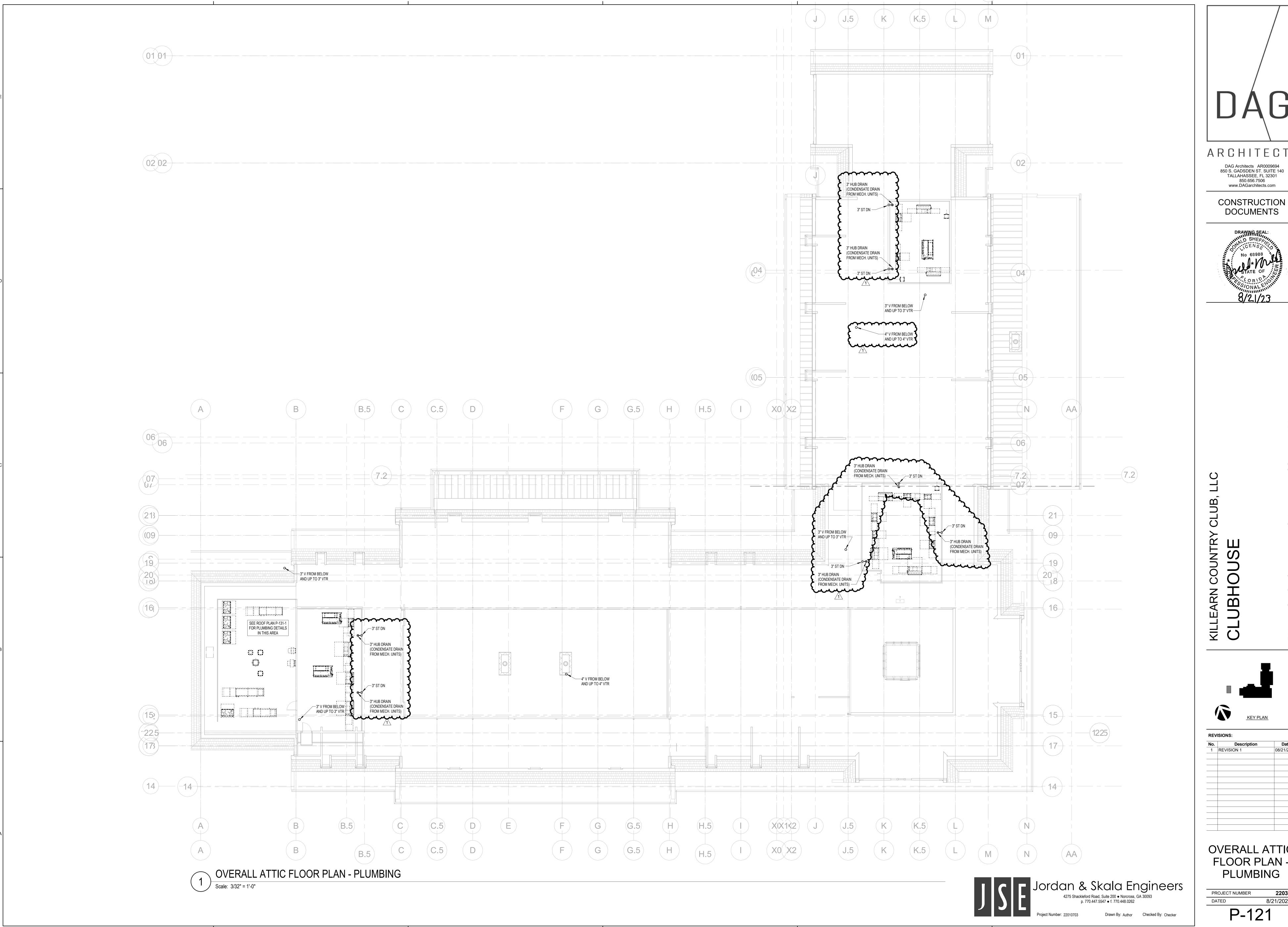
GROUND FLOOR DOMESTIC WATER PLAN - PARTIAL C

PROJECT NUMBER 8/21/2023

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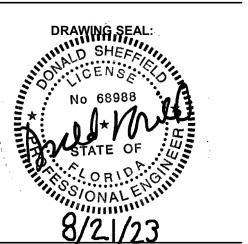
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P-112-3



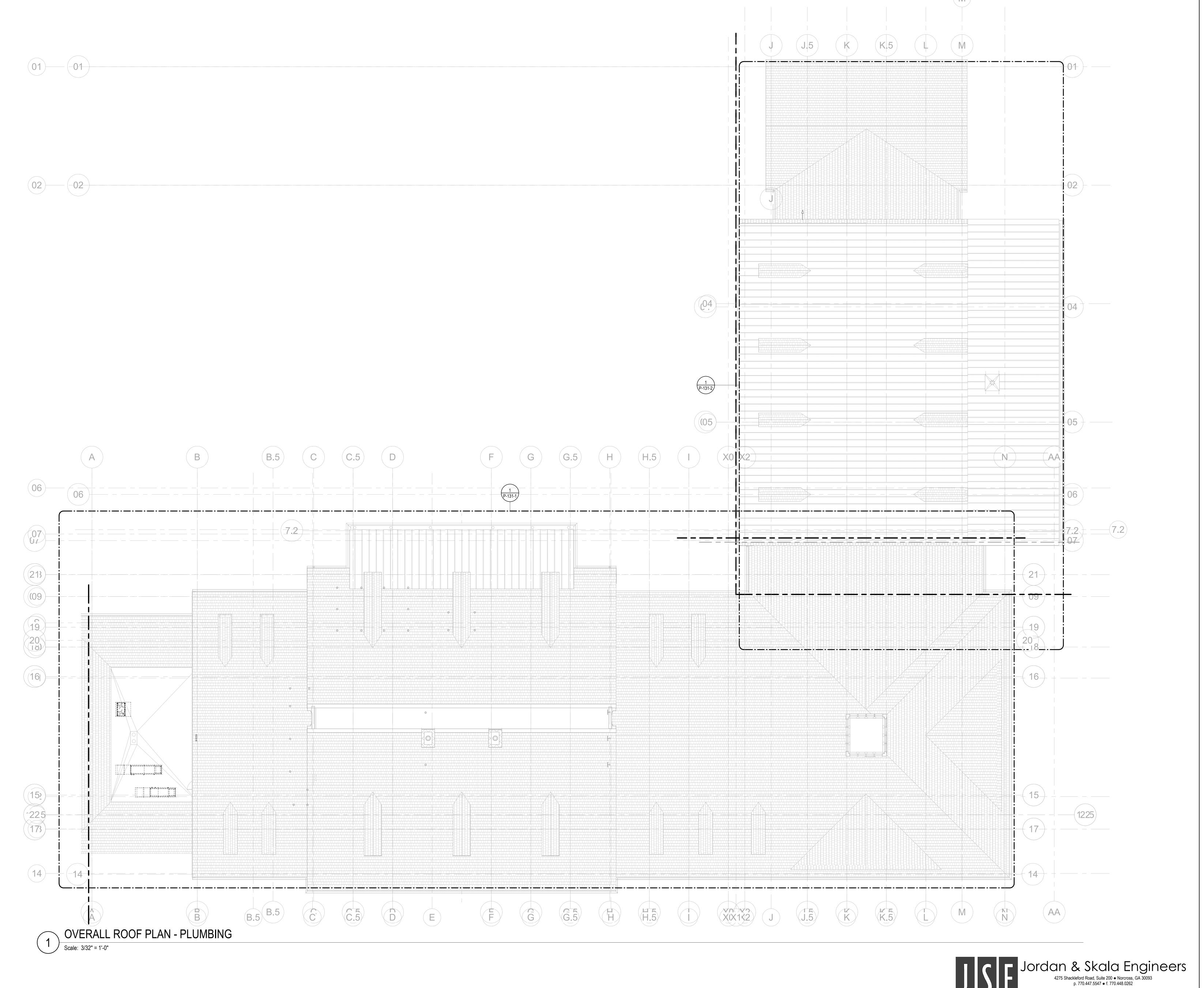
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OVERALL ATTIC FLOOR PLAN -**PLUMBING**

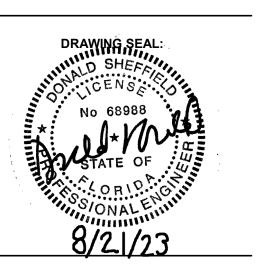
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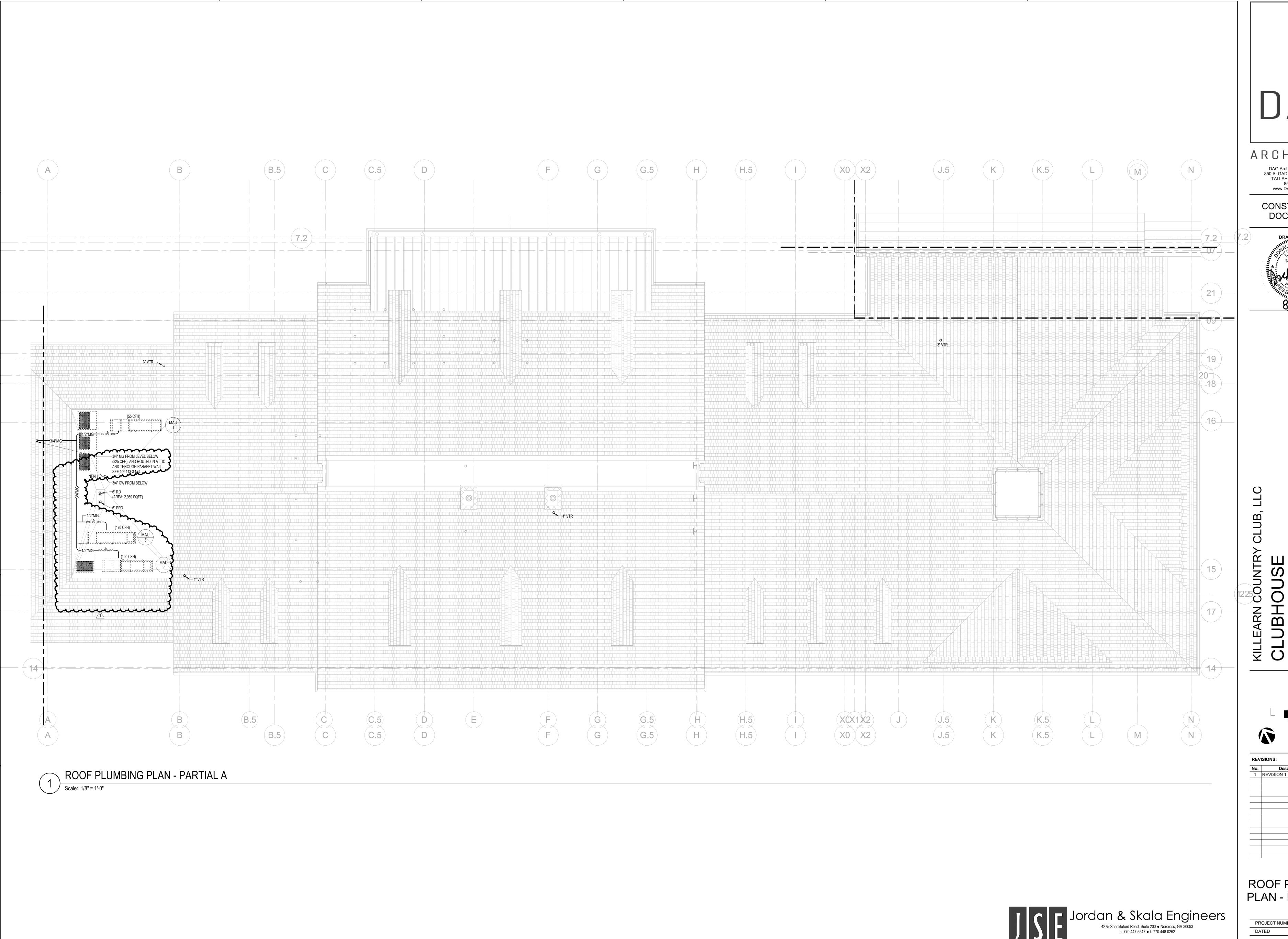
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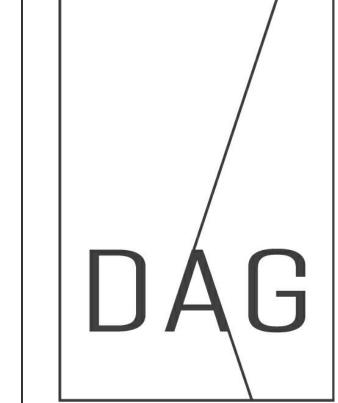
CONSTRUCTION DOCUMENTS



OVERALL ROOF PLAN - PLUMBING

PROJECT NUMBER 22038 8/21/2023 P-131

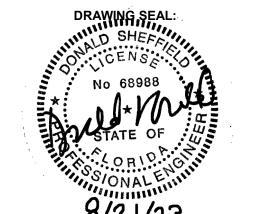




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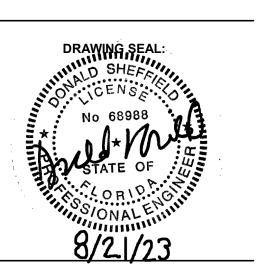
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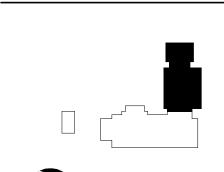
ROOF PLUMBING PLAN - PARTIAL A

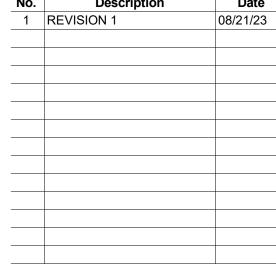
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CONSTRUCTION DOCUMENTS



KILLEARN COUNTRY C CLUBHOUSE



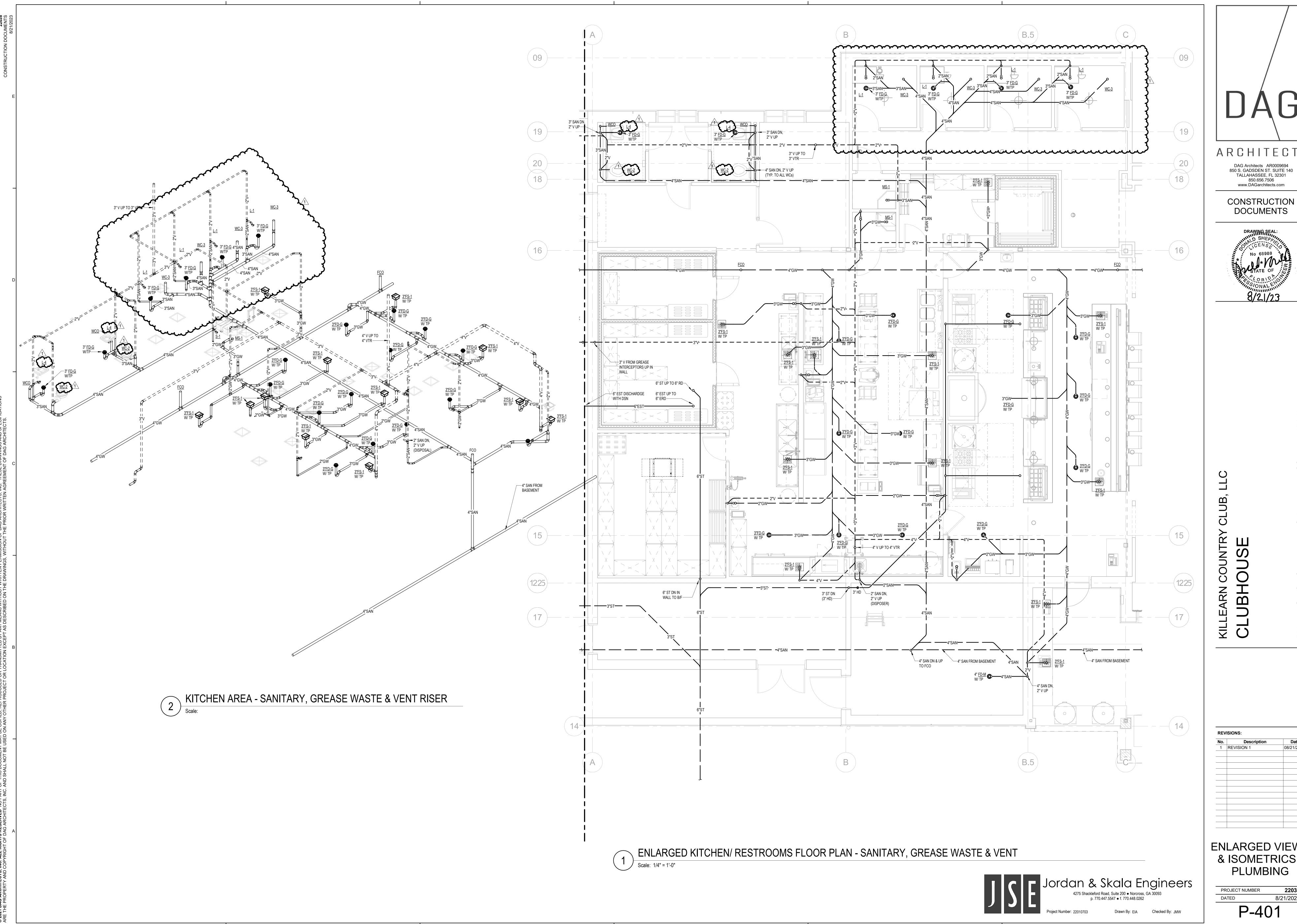


ROOF PLUMBING PLAN - PARTIAL B

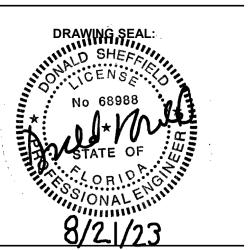
PROJECT NUMBER 22038 8/21/2023 P-131-2

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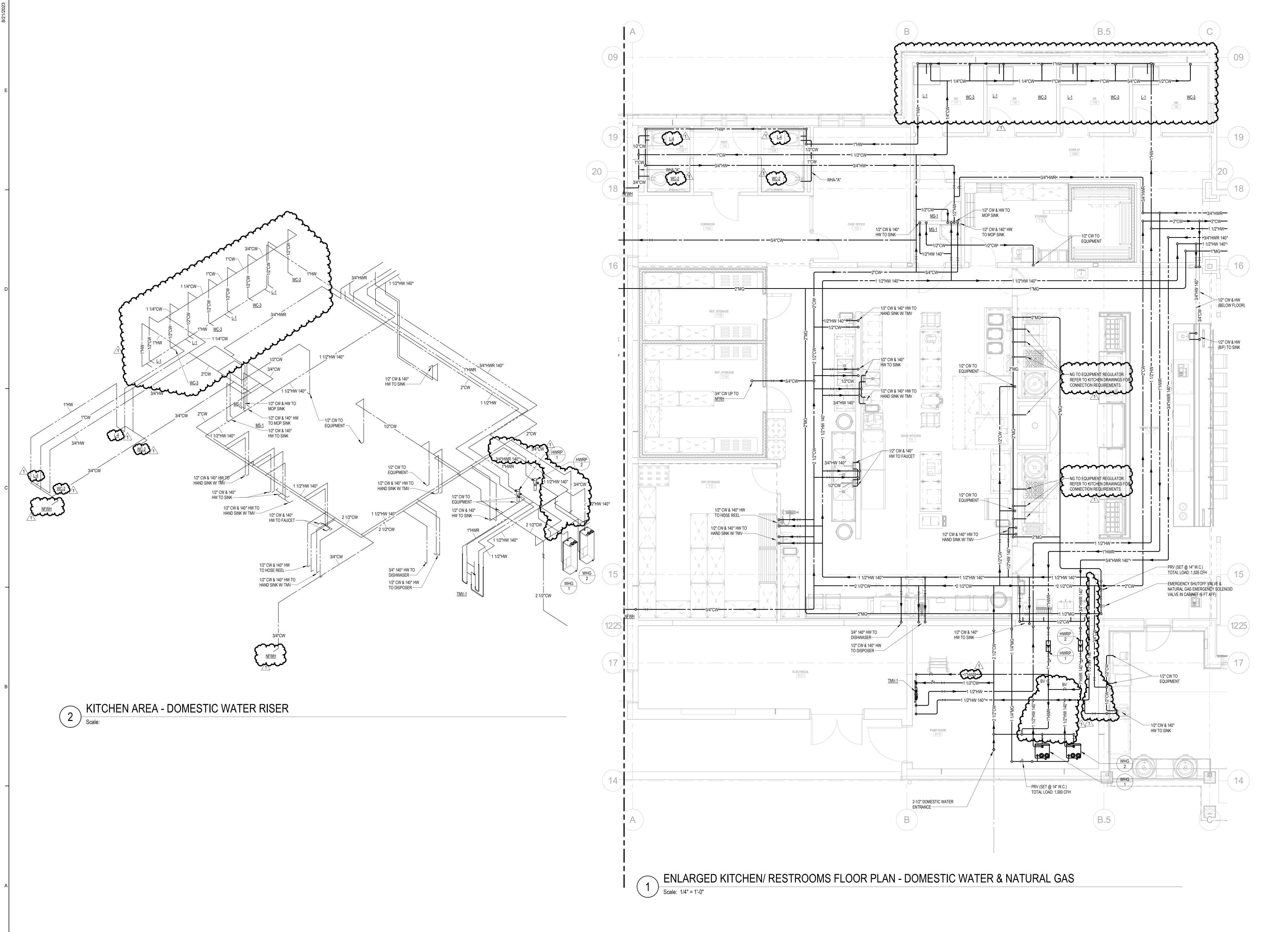


CONSTRUCTION DOCUMENTS



ENLARGED VIEWS & ISOMETRICS -**PLUMBING**

8/21/2023







ARCHITECTS

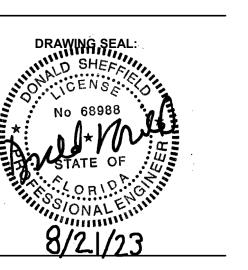
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CONSTRUCTION

TALLAHASSEE, FL 32301 850.656.7506

CONSTRUCTION DOCUMENTS



-UBHOUSE

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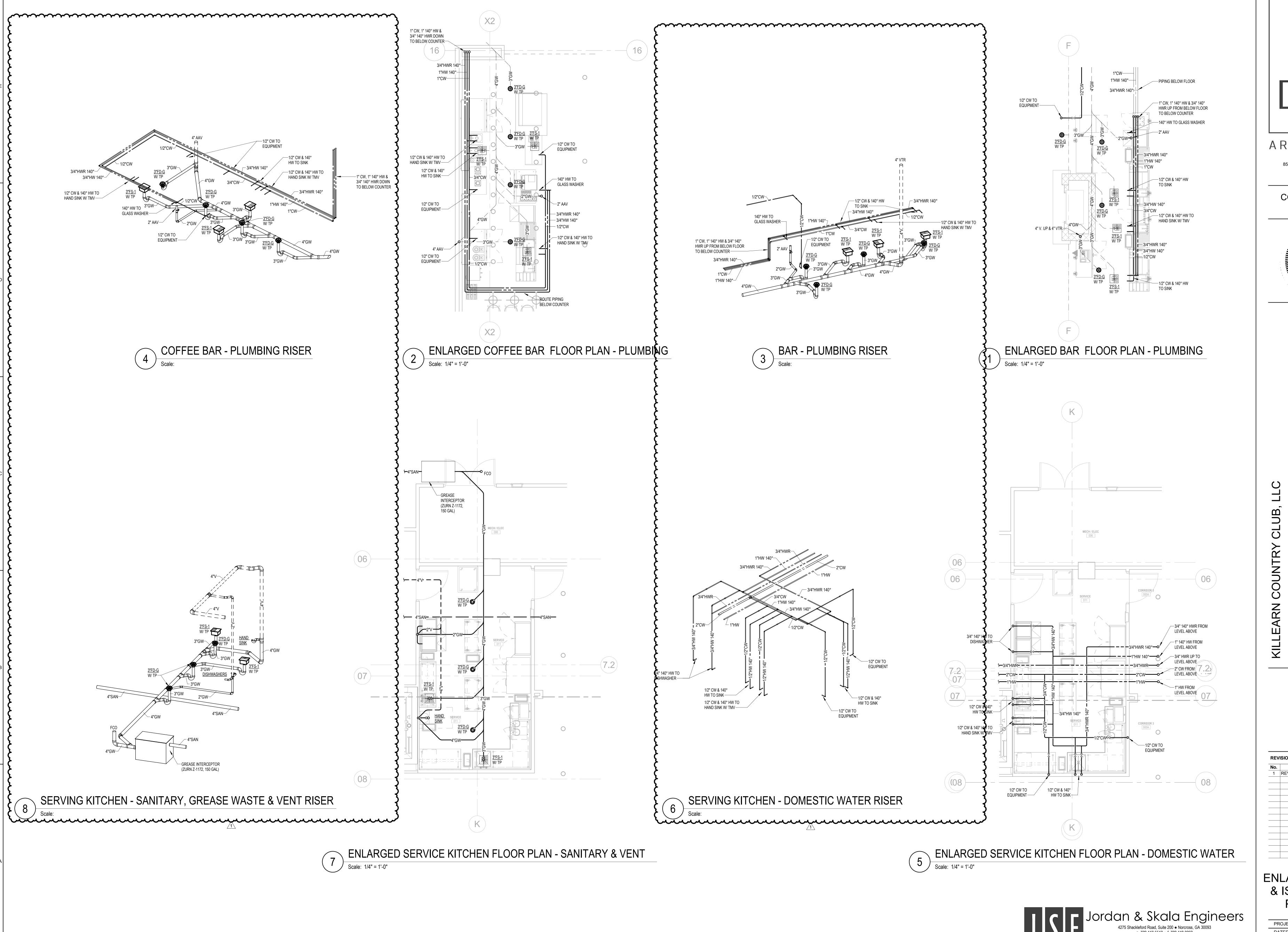
No. Description Date

1 REVISION 1 08/21/23

ENLARGED VIEWS & ISOMETRICS -PLUMBING

 PROJECT NUMBER
 22038

 DATED
 8/21/2023

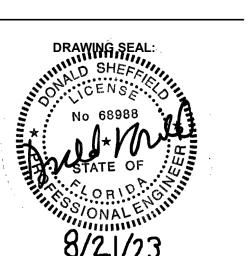


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1 REVISION 1 08/21/23

ENLARGED VIEWS & ISOMETRICS -PLUMBING

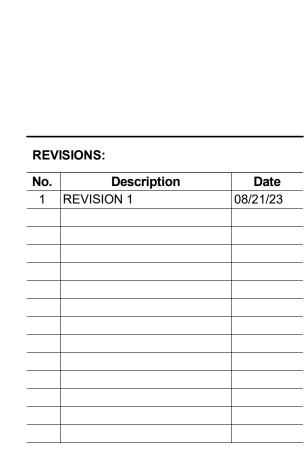
 PROJECT NUMBER
 22038

 DATED
 8/21/2023

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ENLARGED VIEWS & ISOMETRICS -PLUMBING

PROJECT NUMBER 22038

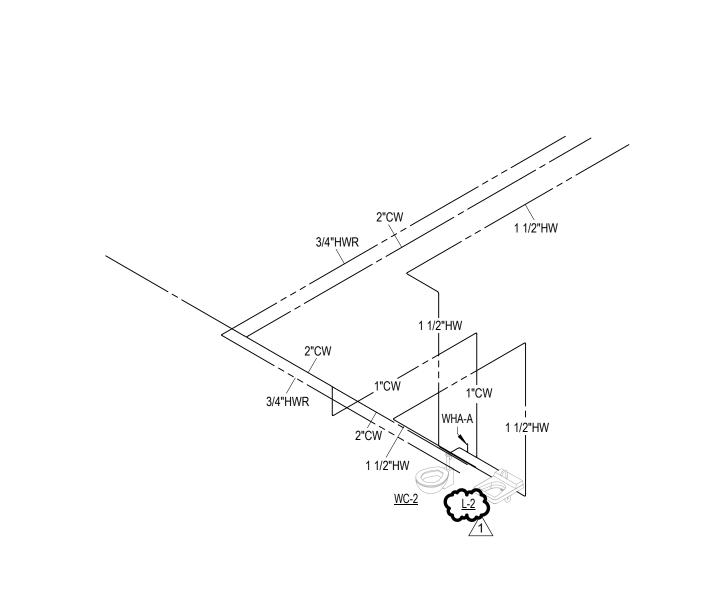
DATED 8/21/2023

P-404

Jordan & Skala Engineers

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Project Number: 22010703 Drawn By: EIA Checked By: JMW



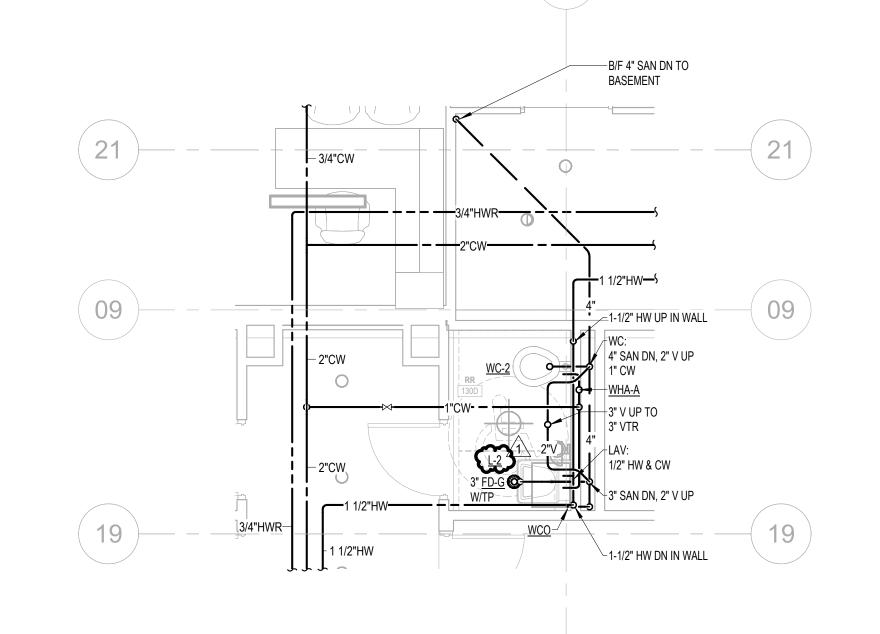
3" V UP TO 3" VTR

RESTROOM 130D - SANITARY & VENT RISER

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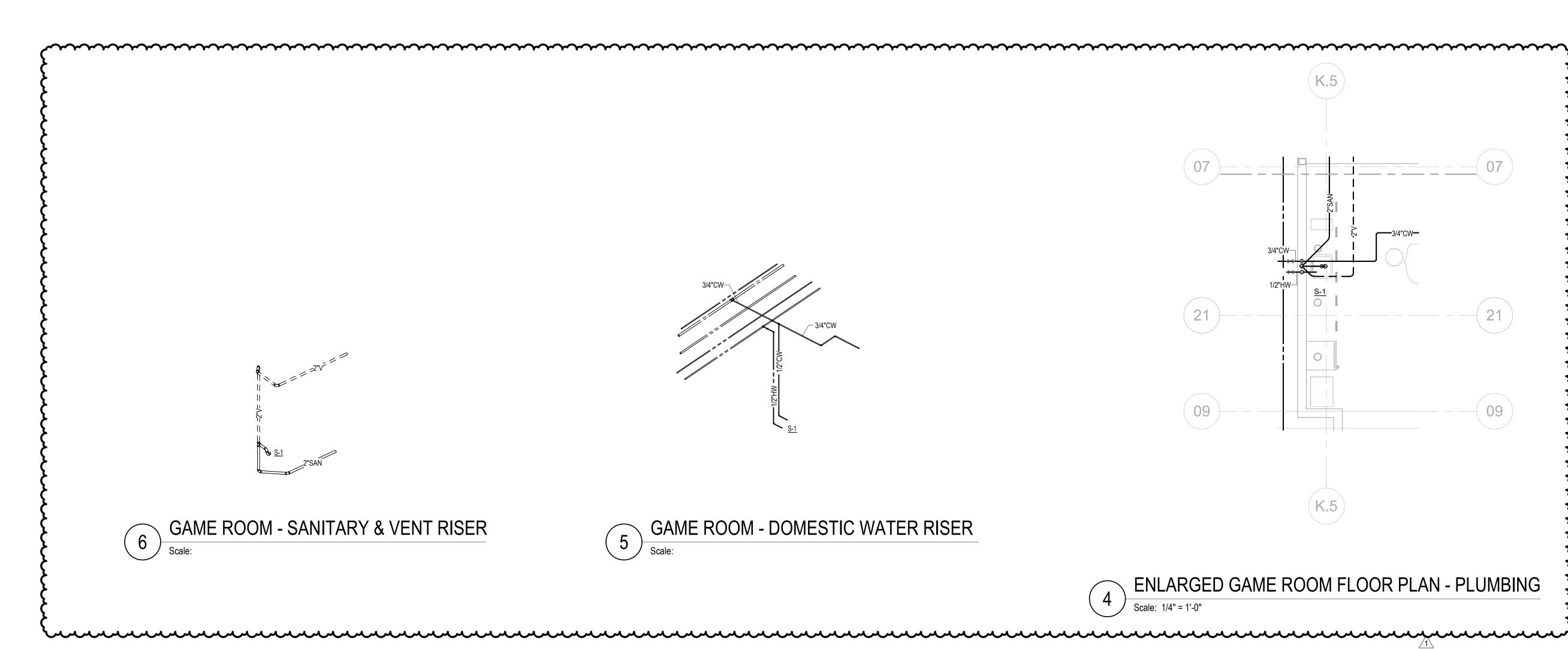
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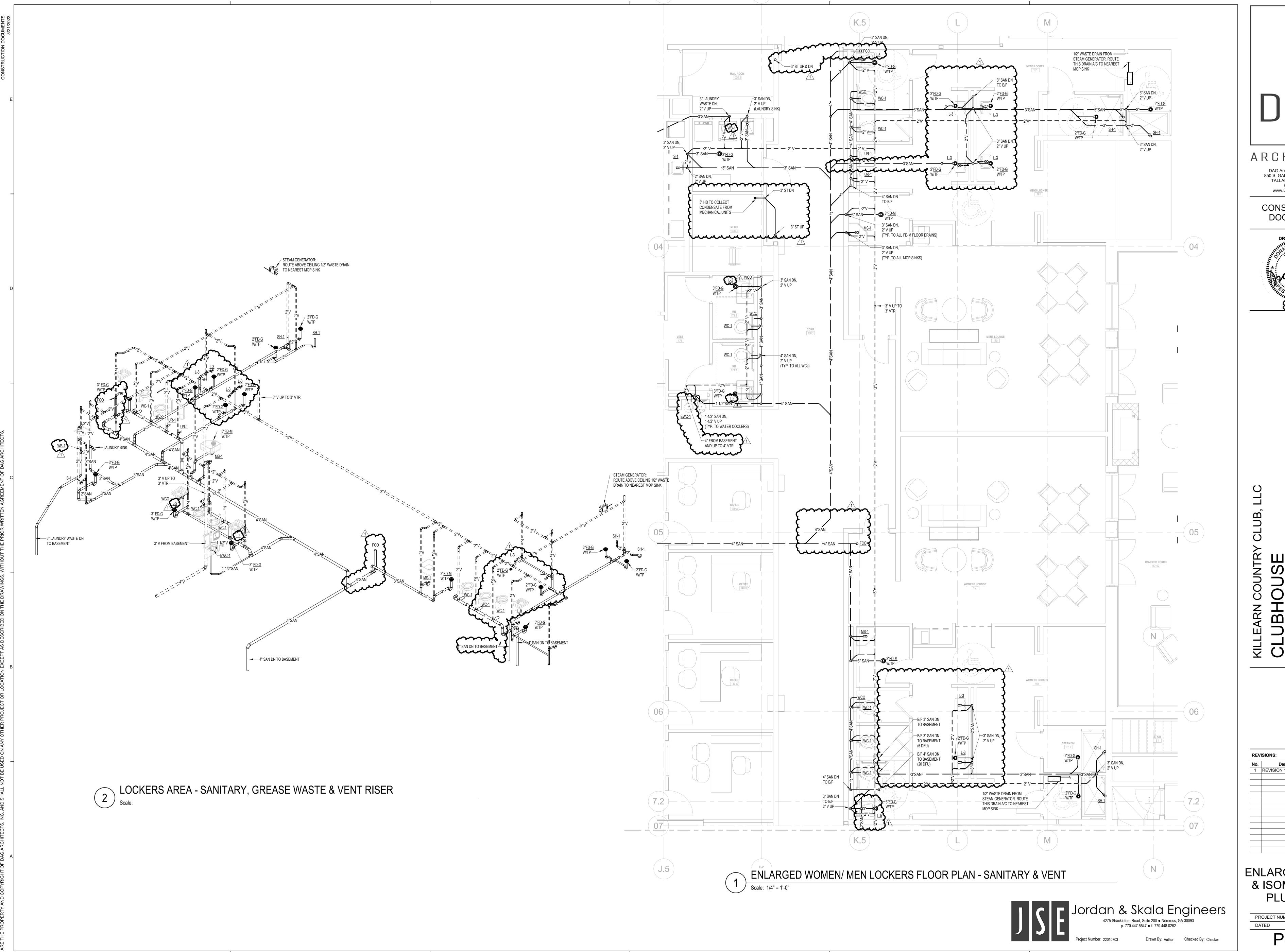
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ENLARGED RESTROOM 130D FLOOR PLAN - PLUMBING

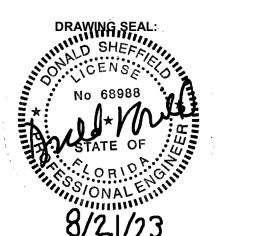
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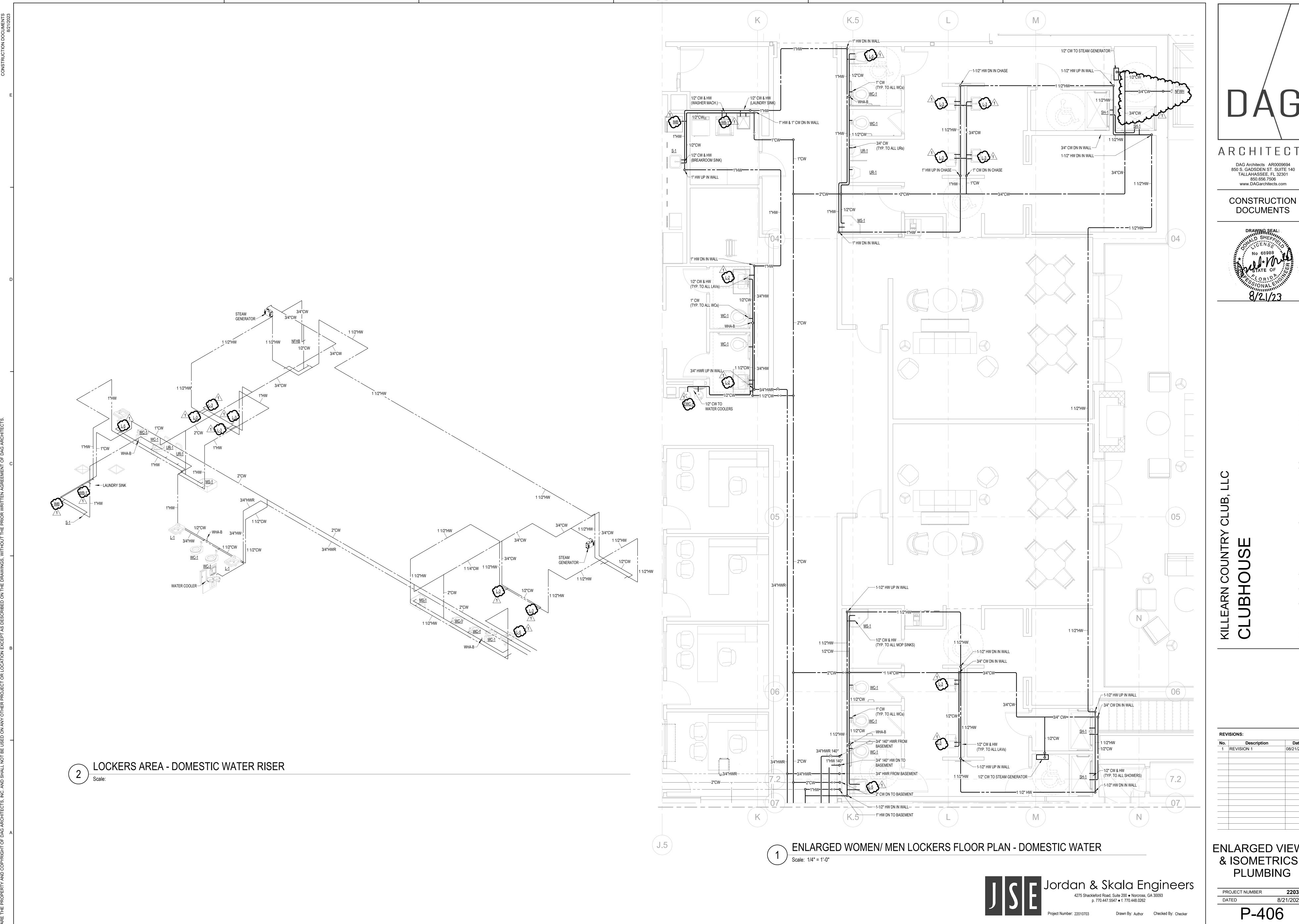
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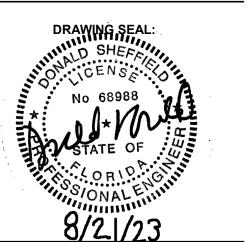
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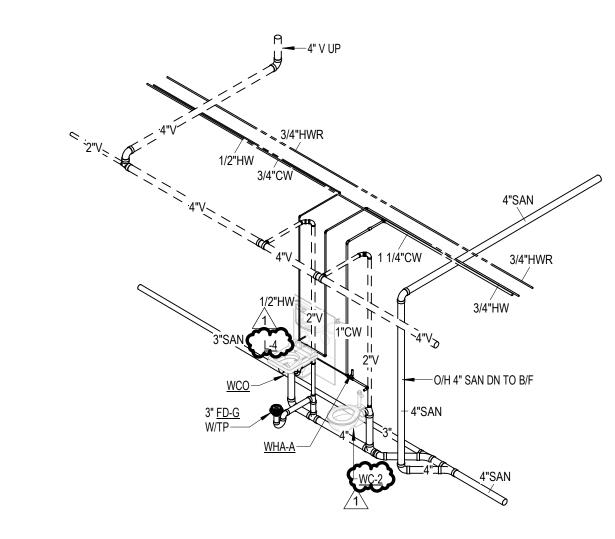
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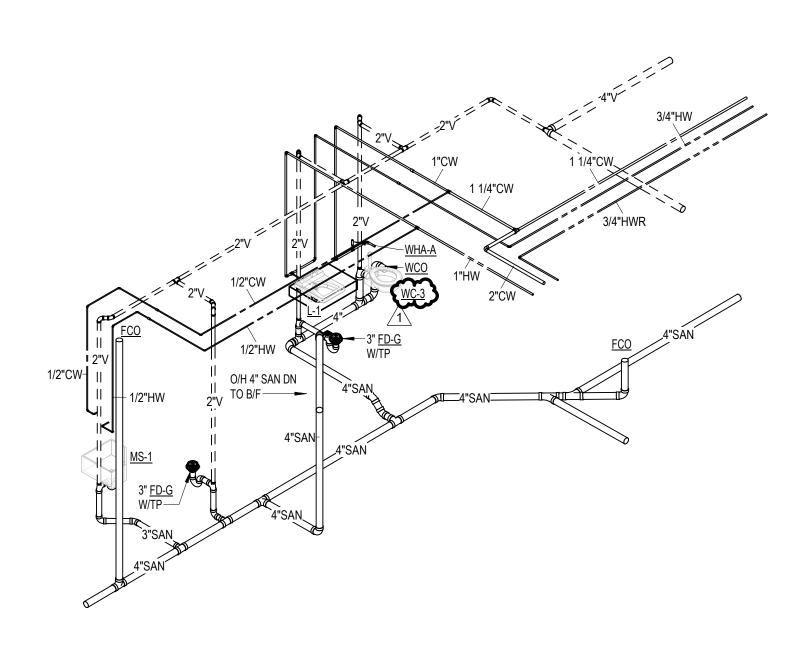
ENLARGED VIEWS & ISOMETRICS -PLUMBING

PROJECT NUMBER 22038 8/21/2023

2 ICE ROOM - PLUMBING RISER



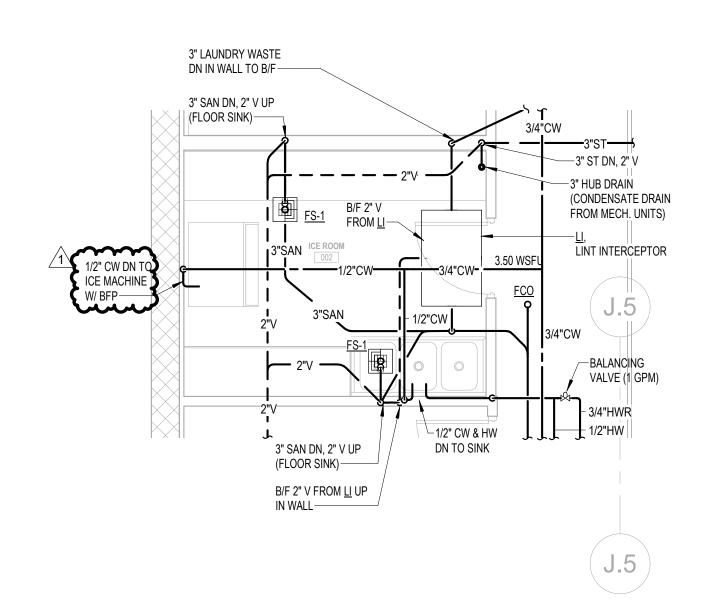
RESTROOMS 005 - PLUMBING RISER



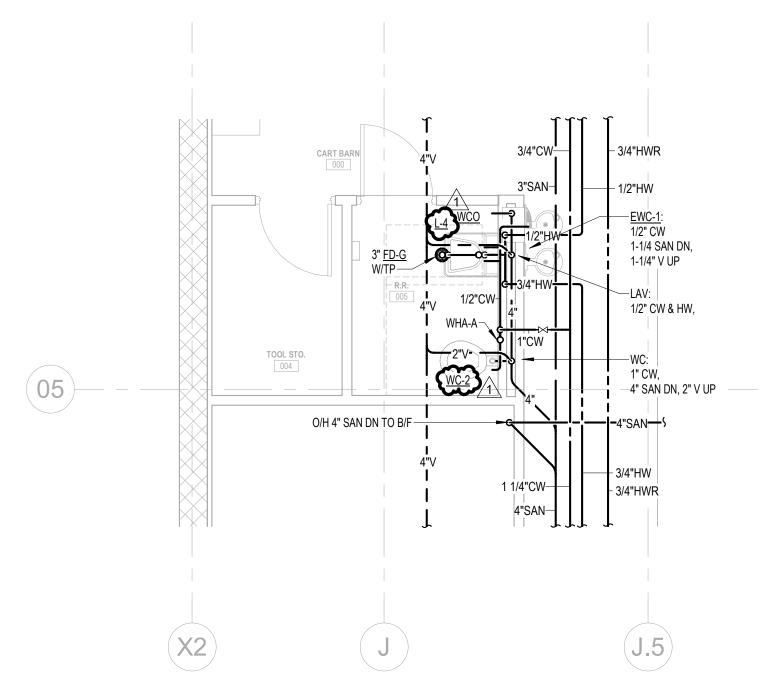
RESTROOMS 012/JANITOR'S - PLUMBING RISER

Scale:

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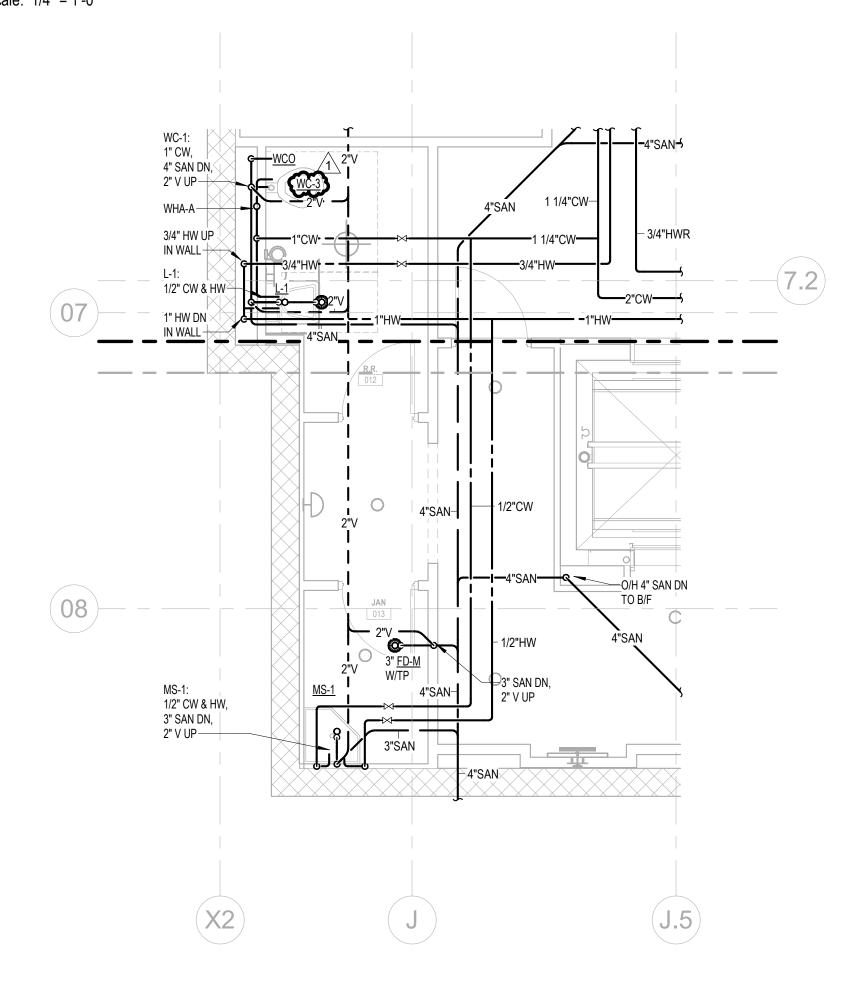


1 ENLARGED BASEMENT ICE ROOM FLOOR PLAN - PLUMBING
Scale: 1/4" = 1'-0"



3 ENLARGED RESTROOM 005 FLOOR PLAN - PLUMBING

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



ENLARGED RESTROOM 012/JANITOR'S CLOSET FLOOR PLAN - PLUMBING

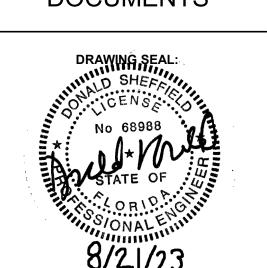
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KILLEARN COUNTRY CLUB, LLC
CLUBHOUSE

REVISIONS:

No. Description Date

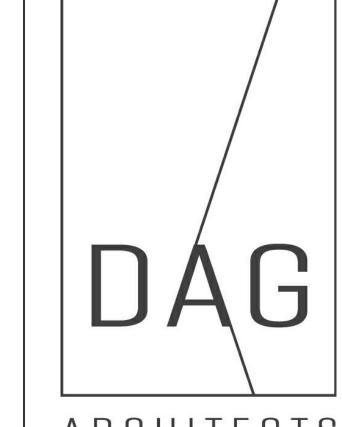
1 REVISION 1 08/21/23

ENLARGED VIEWS & ISOMETRICS -PLUMBING

PROJECT NUMBER **22038**DATED 8/21/2023

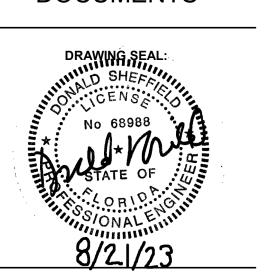






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KILLEARN COUNTRY (CLUBHOUSE

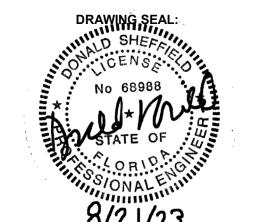
BASEMENT NATURAL GAS PLAN

PROJECT NUMBER
DATED **22038** 8/21/2023



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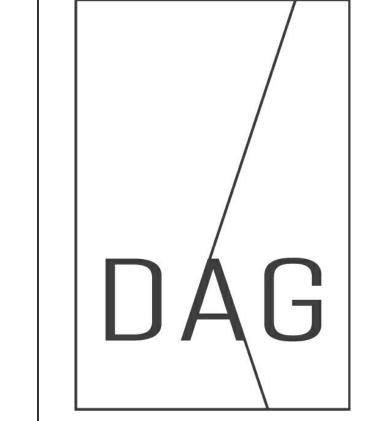


A COT RESPONSE

{ GROUND FLOOR }
{ NATURAL GAS }
{ PLAN - PARTIAL A } PROJECT NUMBER **22038** 8/21/2023

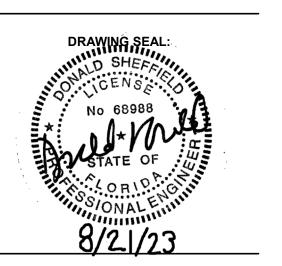
Jordan & Skala Engineers

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CLUBHOUSE

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A COT RESPONSE 08/21/23

GROUND FLOOR

NATURAL GAS

PLAN - PARTIAL B

PROJECT NUMBER 22038

DATED 8/21/2023

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Project Number: 22010703 Drawn By: EIA Checked By: JMW

GROUND FLOOR PLAN - NATURAL GAS - PARTIAL C

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

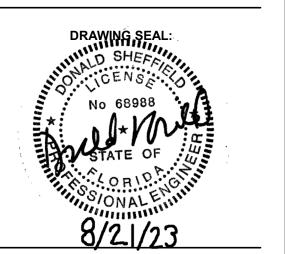
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CLUBHOUSE

 No.
 Description
 Date

 1
 REVISION 1
 08/21/23

 A
 COT RESPONSE
 08/21/23

GROUND FLOOR }

NATURAL GAS }

PLAN - PARTIAL C

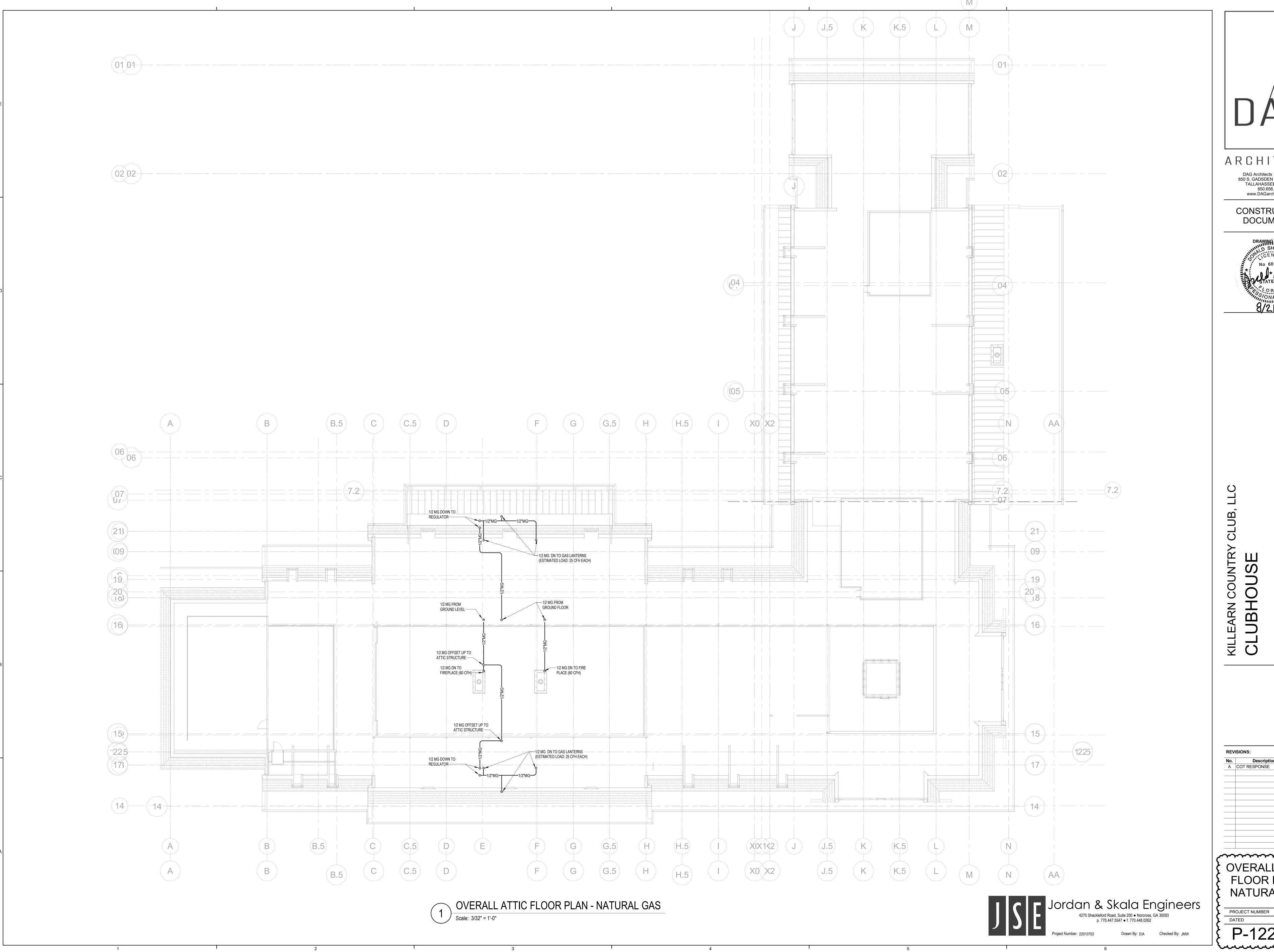
PROJECT NUMBER 22038

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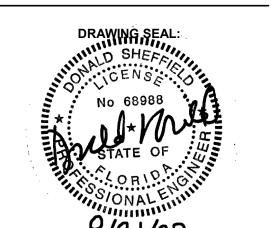
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Α	COT RESPONSE	08/21/23			

OVERALL ATTIC }

FLOOR PLAN NATURAL GAS

8/21/2023