

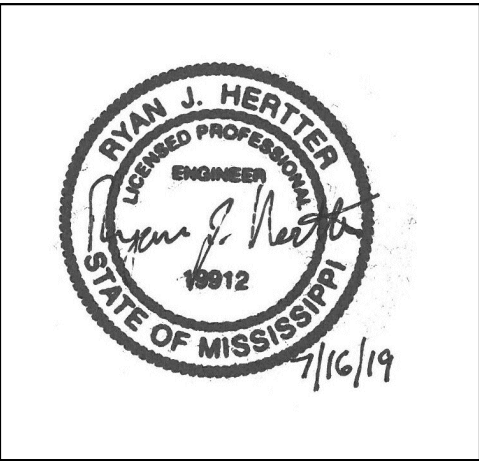
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Email: www.innovativees-llc.com

REVISIONS		
No.	Date	Description
1	7/01/19	CITY PLAN REVIEW

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KEY PLAN

Pramukh Vicksburg, LLC

Home2Suites Vicksburg

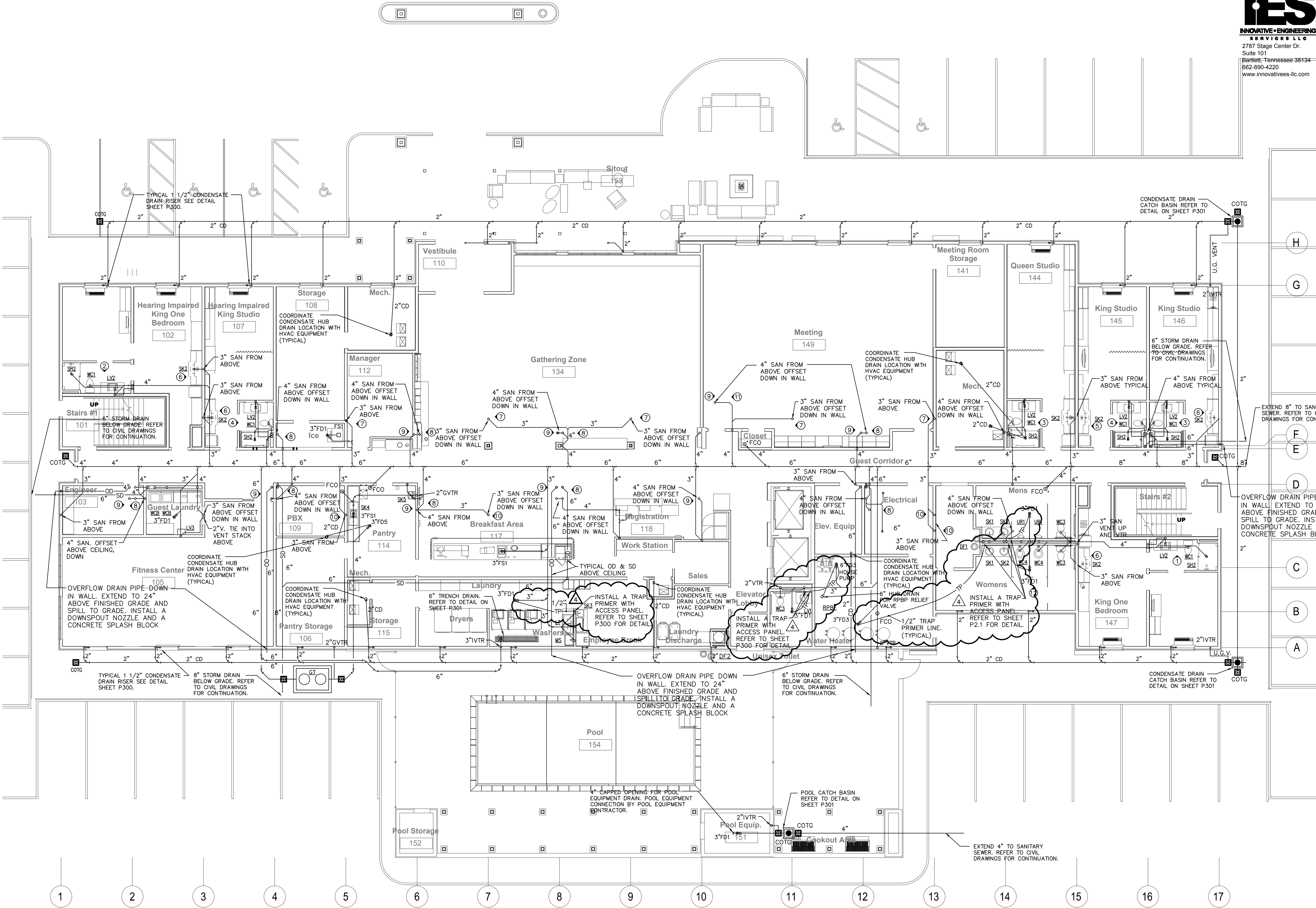
Berryman Road Vicksburg, MS 39180

Drawing Title
First Floor Plan

Phase
Construction Documents

Project No.	17-051	Sheet No.	P101
Prepared by	RHP		
Checked by	RJH		
Date	MAR. 28, 2019		

Released for





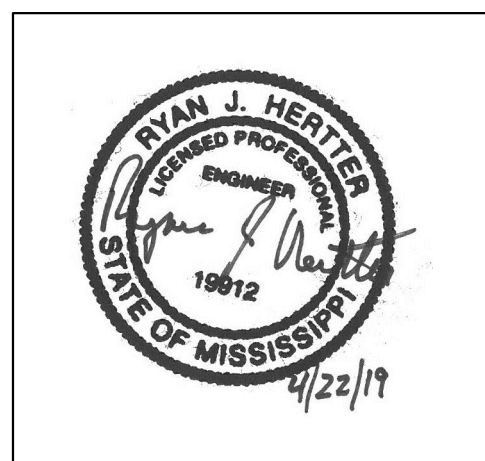
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KEY PLAN

Pramukh Vicksburg,
LLC

Home2Suites
Vicksburg

Berryman Road
Vicksburg, MS 39180

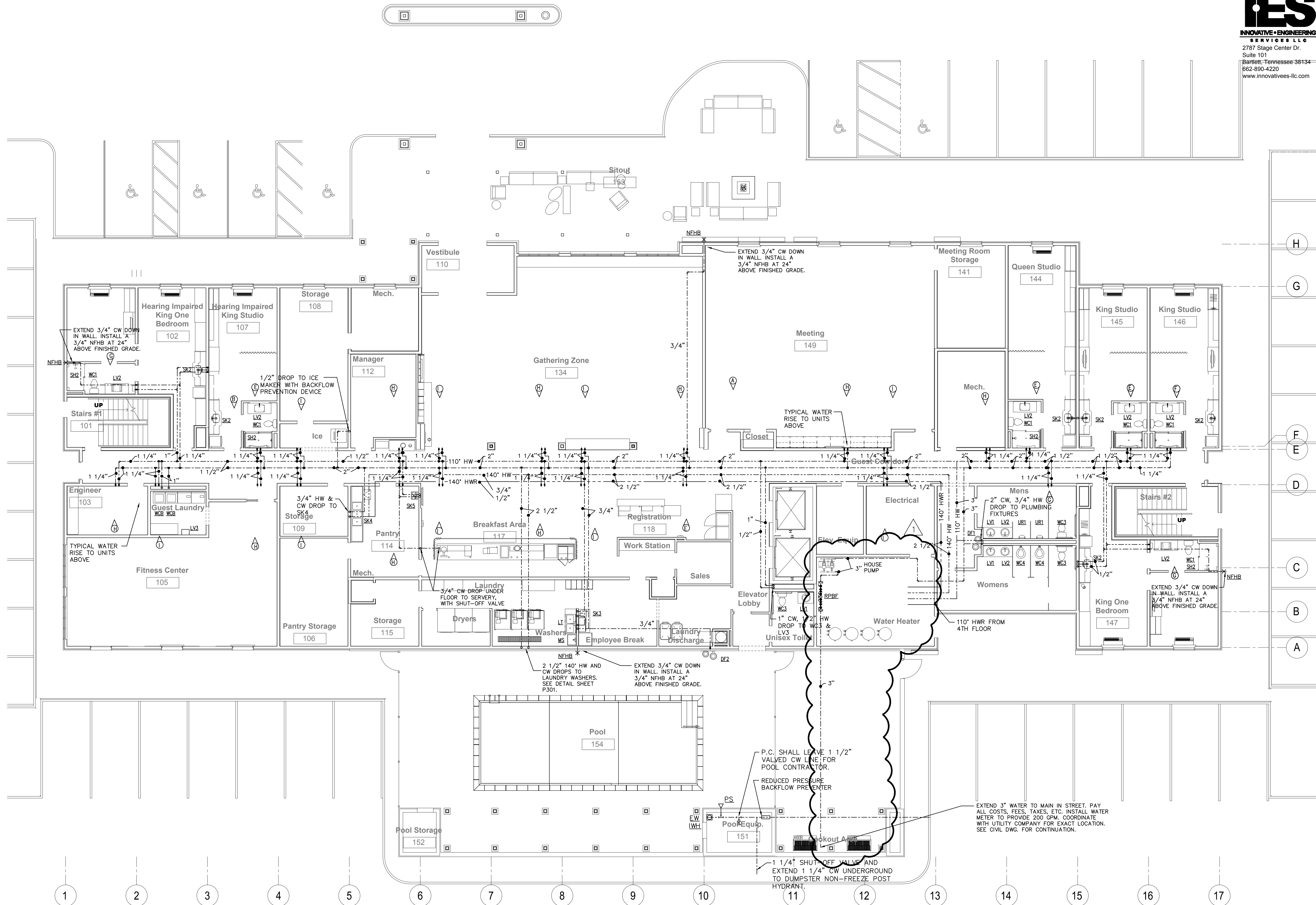
Drawing Title

First Floor Plan

Phase
Construction Documentss

Project No.	17-051	Sheet No. P101A
Prepared by	RHP	
Checked by	RJH	
Date	MAR. 28, 2019	

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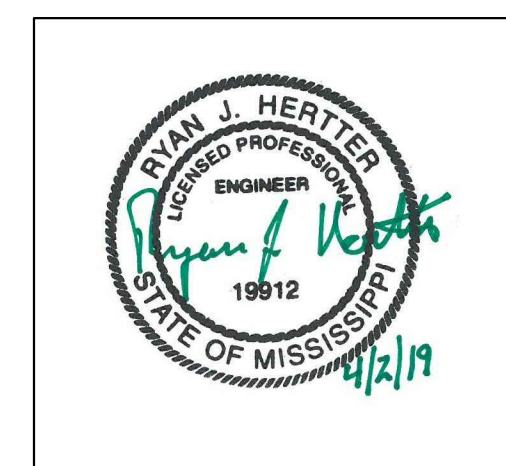
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KEY PLAN

Pramukh Vicksburg,
LLC

Home2Suites
Vicksburg

Berryman Road
Vicksburg, MS 39180

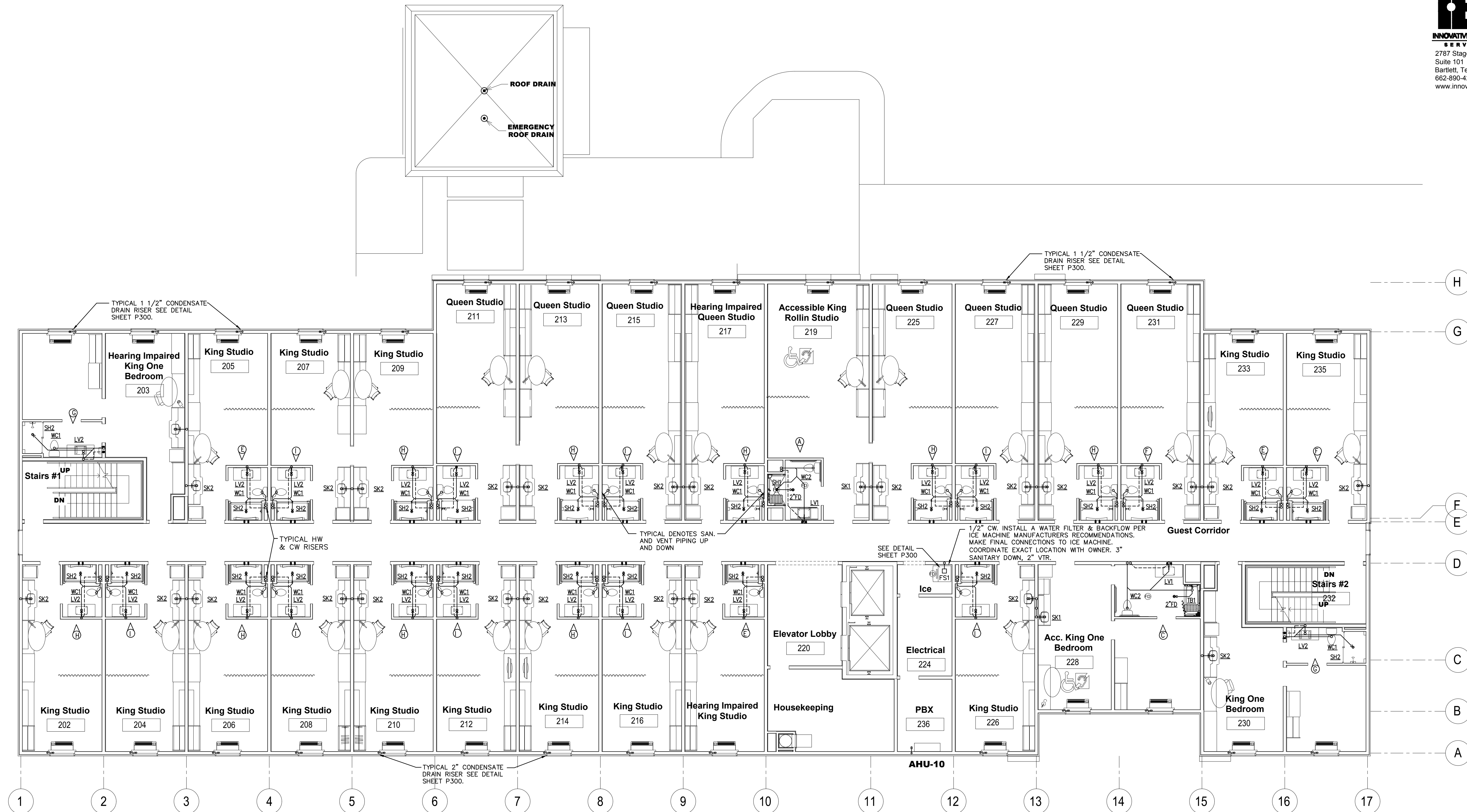
Drawing Title

Second Floor Plan

Phase
Construction Documentss

Project No.	17-051	Sheet No. P102
Prepared by	RHP	
Checked by	RJH	
Date	MAR. 28, 2019	

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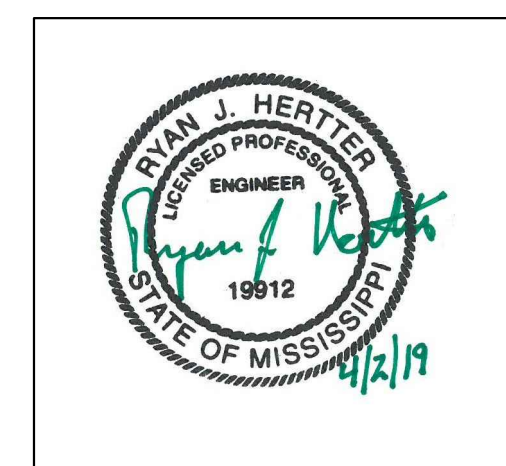
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KEY PLAN

Pramukh Vicksburg,
LLC

Home2Suites
Vicksburg

Berryman Road
Vicksburg, MS 39180

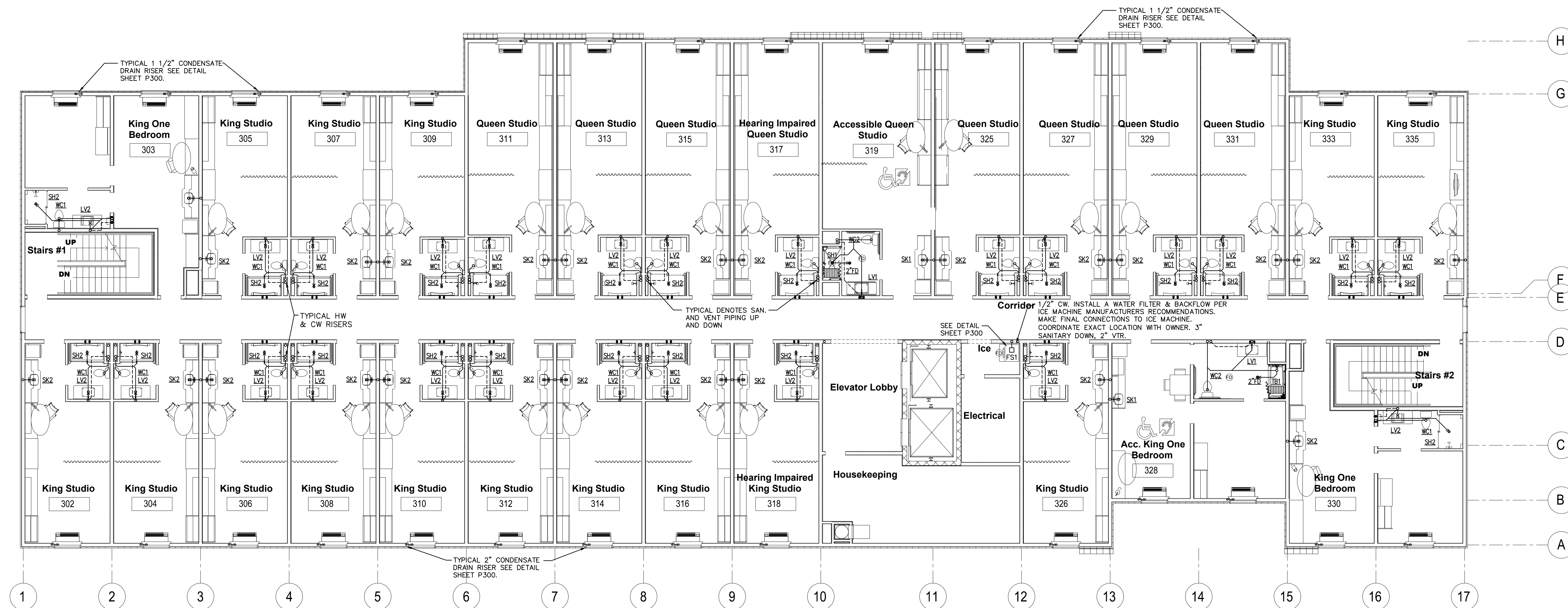
Drawing Title

Third Floor Plan

Phase
Construction Documentss

Project No. 17-051
 Prepared by RHP
 Checked by RJH
 Date MAR. 28, 2019

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KEY PLAN

Pramukh Vicksburg,
LLC

Home2Suites
Vicksburg

Berryman Road
Vicksburg, MS 39180

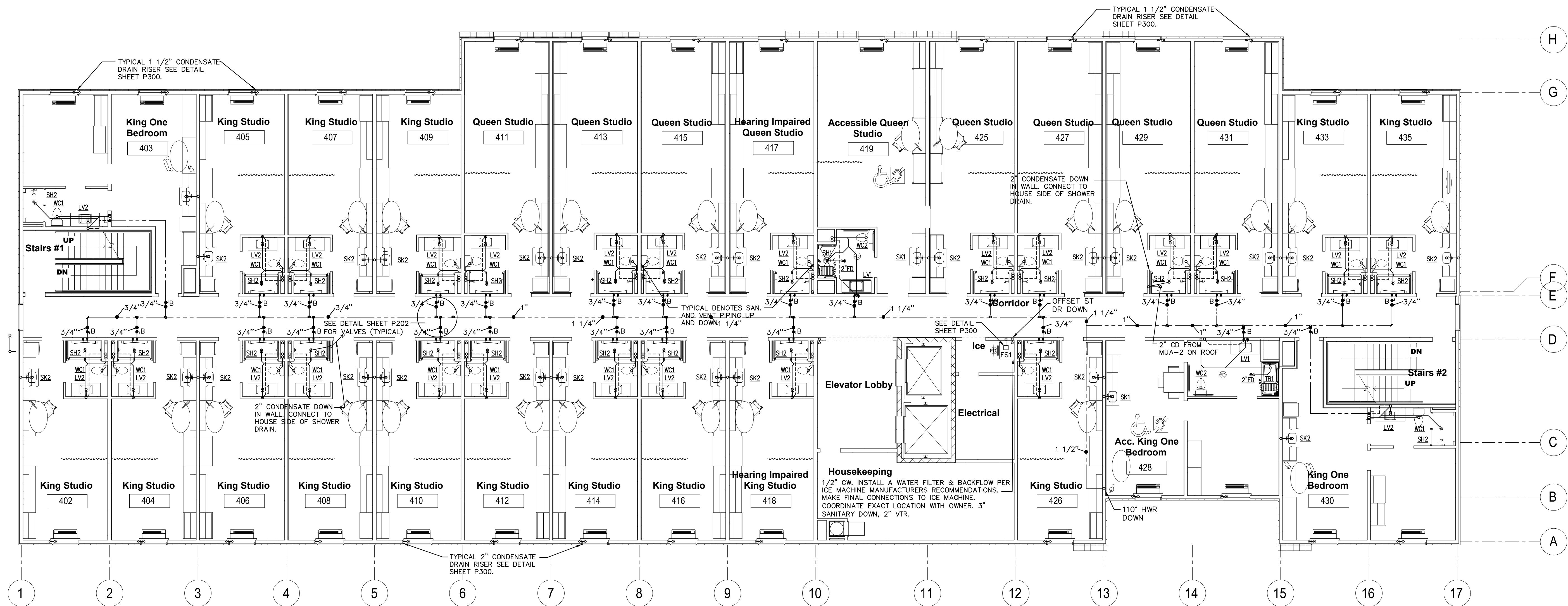
Drawing Title

Fourth Floor Plan

Phase
Construction Documentss

Project No.	17-051	Sheet No. P104
Prepared by	RHP	
Checked by	RJH	
Date	MAR. 28, 2019	

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KEY PLAN

Pramukh Vicksburg,
LLC

Home2Suites
Vicksburg

Berryman Road
Vicksburg, MS 39180

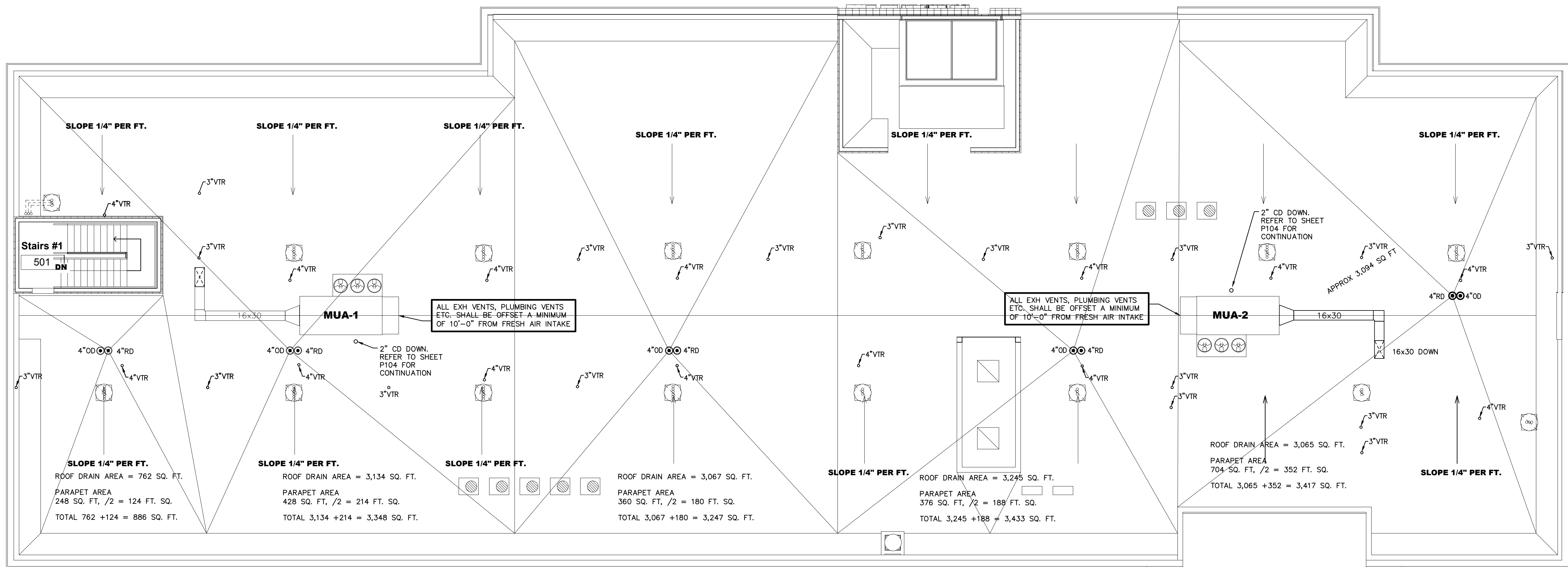
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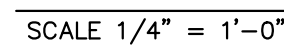
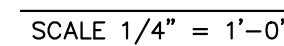
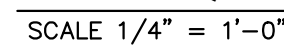
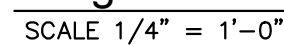
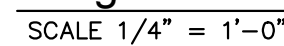
Roof Plan

Phase
Construction Documentss

Project No.	17-051
Prepared by	RHP
Checked by	RJH
Date	MAR. 28, 2019

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Pramukh Vicksburg,
LLC

Home2Suites
Vicksburg

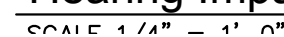
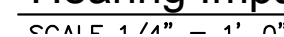
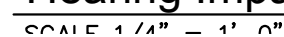
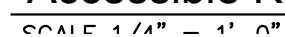
Berryman Road
Vicksburg, MS 39180

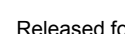
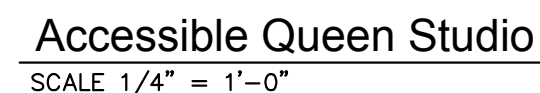
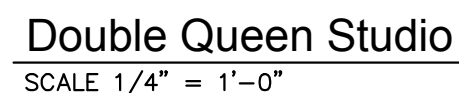
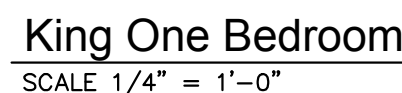
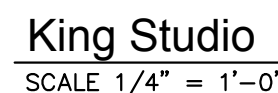
Unit Plans - DWV

Phase
Construction Documentss

Project No.	17-051
Prepared by	RHP
Checked by	RJH
Date	MAR. 28, 2019

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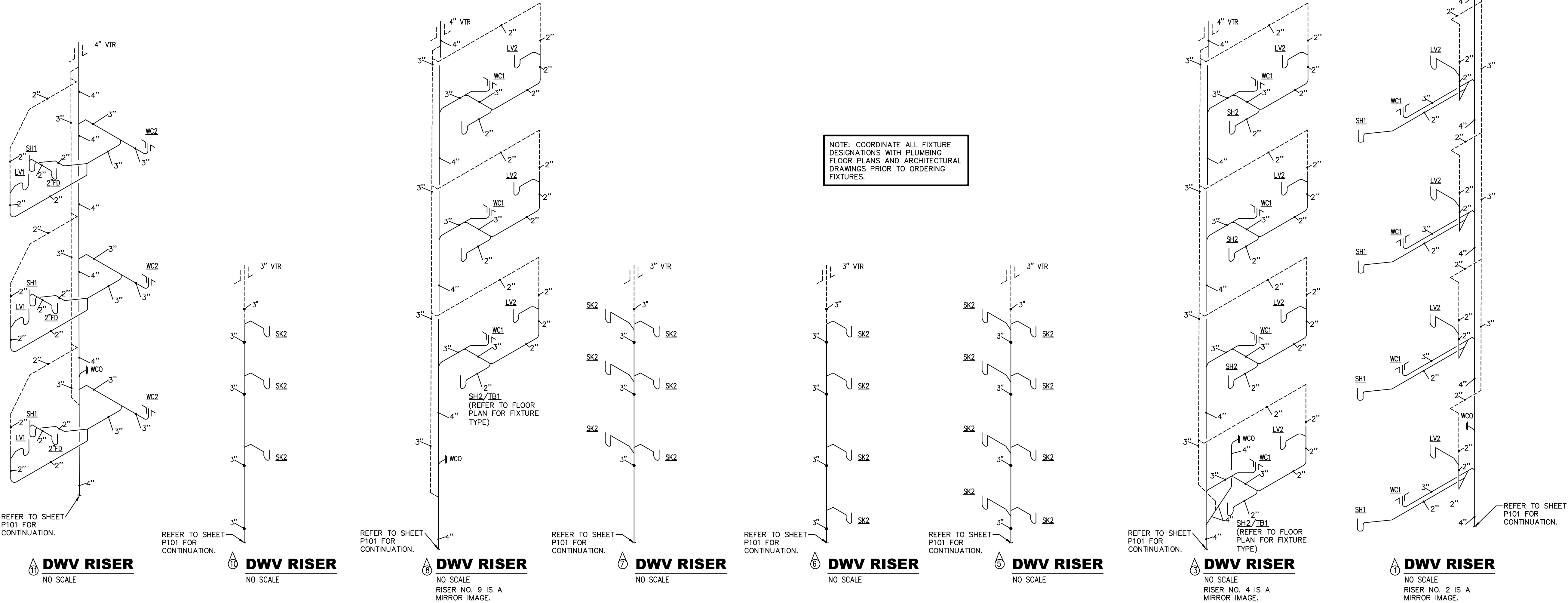
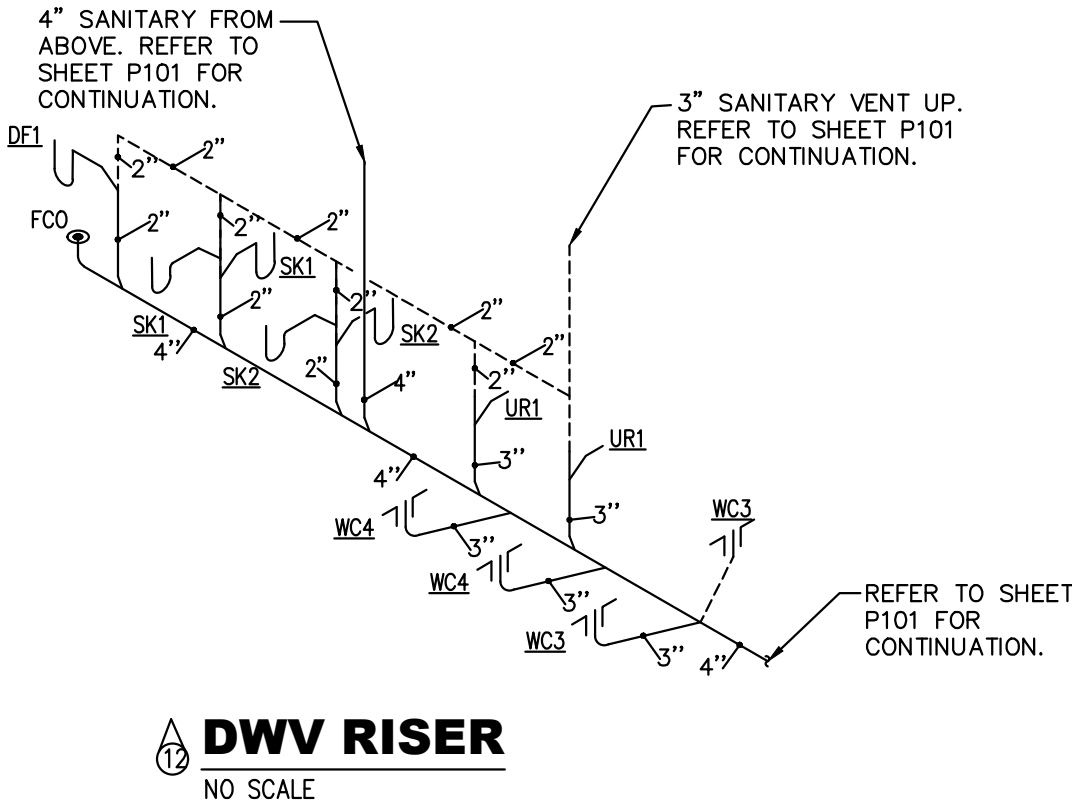




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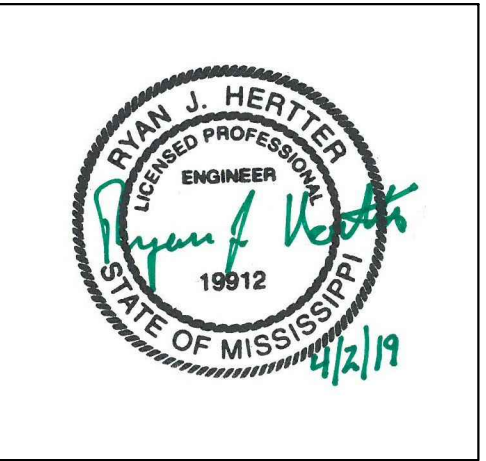
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NOTE: COORDINATE ALL FIXTURE DESIGNATIONS WITH PLUMBING FLOOR PLANS AND ARCHITECTURAL DRAWINGS PRIOR TO ORDERING FIXTURES.

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KEY PLAN

Pramukh Vicksburg, LLC

Home2Suites Vicksburg

Berryman Road
Vicksburg, MS 39180

Drawing Title
Sanitary Risers

Phase
Construction Documentss

Project No.	17-051	Sheet No.
Prepared by	RHP	P202
Checked by	RJH	
Date	MAR. 28, 2019	

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Project No.	17-051	Sheet No. P301
Prepared by	RHP	
Checked by	RJH	
Date	MAR. 28, 2019	

DOMESTIC WATER BOOSTER PUMP SCHEDULE							
PUMP	MODEL	ELECTRICAL	FLOW	HEAD	PRV	IMPELLER	PUMP PACKAGE
BP-1	56XXX	7.5 H.P. EACH 208/3/60	200 GPM	60 FT. H ₂ O	—	—	QUANTUMFLOW EINSTINE VARIABLE SPEED DRIVE

1/2" HW SUPPLY
1/2" CW SUPPLY
1/2" COMBINATION MPT BRASS SWEAT CONNECTION.
WCB
PROVIDE REMOVABLE PLUG OR CAP FOR 2" DRAIN.
2" VENT
2" DRAIN
3" DRAIN

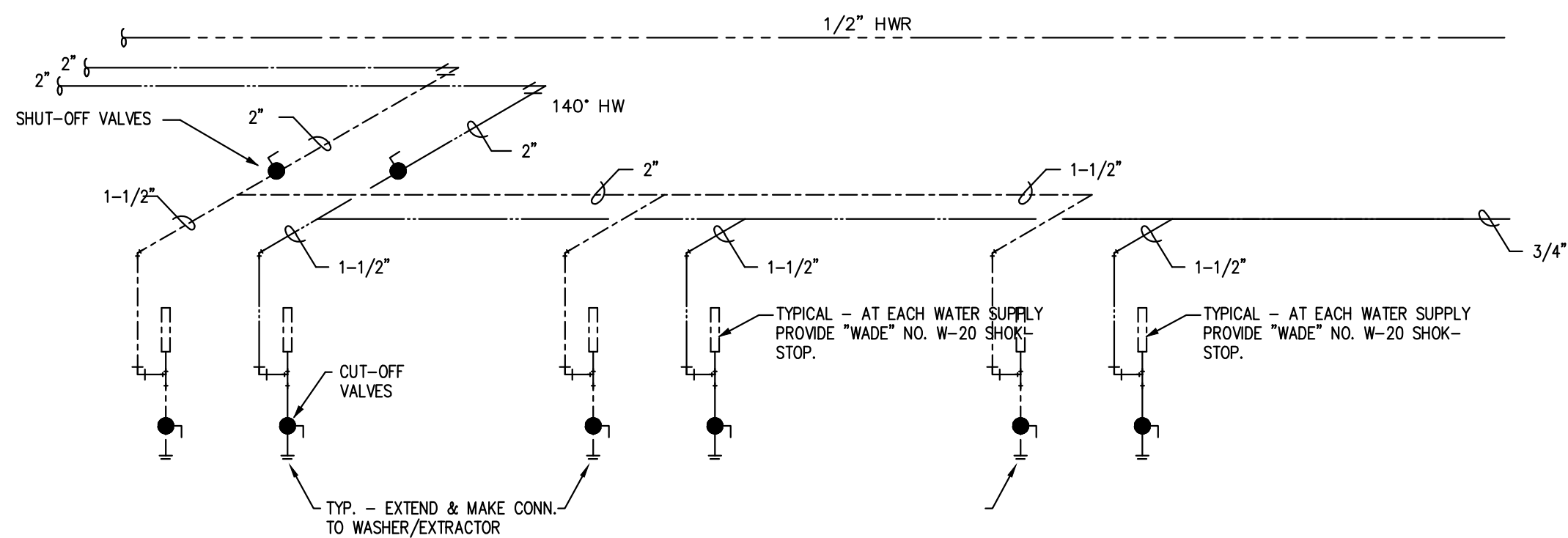
2'-6"

6'-0" LONG x 1'-0" WIDE
2" SLOPE
14"
3" OUTLET
6" FD-2
6"

1" x 1" x 1/8" ANGLES ANCHORED TO EACH SIDE OF TROUGH ON EACH SIDE OF REMOVABLE LINT TRAP FABRICATED OF 1" x 1/8" PLAT ALUM. FRAME (12" x 12") W/.032 WIRE SCREEN, 10 MESH.

WASHER TRENCH DETAIL
SCALE: NONE
NOTE:
SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR EXACT DIMENSIONS OF TRENCH.

GUEST WASHING MACHINE BOX
SCALE: NONE



GRADE

C.I. RIM AND COVER

6"

4" C.O.T.G.

48" SQUARE

2" U.G. VENT AS REQ'D BY CODE

INDIRECT WASTE

INLET F

OUTLET F

WATER LINE

2"

24" MIN

6"

WADE #4200 (LESS GRATE) BACKWATER VALVE

2" x 1/2" STEEL PIPE STRAP FASTENED TO WALL WITH 2 5/8" DIA. BLOTS

2-4" 1/4" BENDS

2" U.G. VENT AS REQ'D BY CODE

INDIRECT WASTE

INLET F

OUTLET F

WATER LINE

2"

24" MIN

6"

WADE #4200 (LESS GRATE) BACKWATER VALVE

2" x 1/2" STEEL PIPE STRAP FASTENED TO WALL WITH 2 5/8" DIA. BLOTS

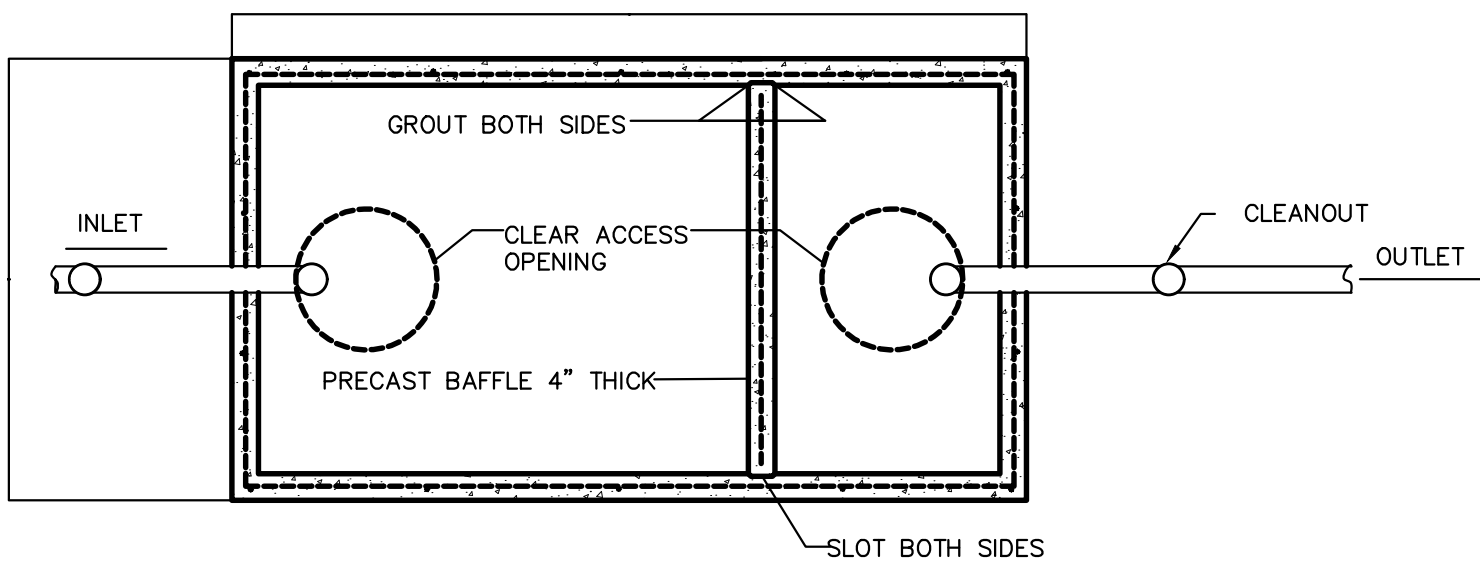
NOTES:

1. BOTTOM AND SIDES SHALL BE A MONOLITHIC POUR.
2. CONCRETE SHALL BE BY DIVISION 3--CONCRETE.
3. REFER TO STRUCTURAL DRAWING SPECIFICATIONS FOR REBAR AND OTHER DETAILS.

NOTES:

1. BOTTOM AND SIDES SHALL BE A MONOLITHIC POUR.
2. CONCRETE SHALL BE BY DIVISION 3—CONCRETE.
3. REFER TO STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR REBAR AND OTHER DETAILS.

TRENCHES SHALL HAVE 12" MINIMUM AND 24" MAXIMUM CLEARANCE ON ALL SIDES. UNIFORM SLOPE SO THAT THE PIPING IS UNIFORMLY SUPPORTED THROUGHOUT ITS ENTIRE LENGTH OF UNDISTURBED SOIL. WHEN NECESSARY, TRENCHES SHALL BE UNDERCUT TO A DEPTH REQUIRED TO REACH STABLE SOIL AND FILLED TO THE FLOW LINE DEPTH WITH COMPACTED SAND. MATERIAL AND CLOS. BACKFILL AND TAMP IN 4" LAYERS TO A HEIGHT AT LEAST 2" ABOVE PIPE. THE REMAINDER OF BACKFILL SHALL BE BROUGHT TO GRADE AND COMPACTED TO DENSITY OF SURROUNDING SOIL.



2" VENT PIPE

TOP OF COVER TO MATCH EXISTING GRADE

TRAFFIC BEARING, LOCKING FRAME & COVER AIR & GAS TIGHT EMBEDDED IN MORTAR OR OTHER WATERTIGHT SEALANT.

CLEANOUT TYP.

4" INSPECTION TEE TYP.

OUTLET TO SANITARY SEWER MAIN

TWO-WAY CLEANOUT TEE

PRECAST BAFFLE
4" THICK

NOTES:

1. CONCRETE: 4500PSI @ 28 DAY.
2. REBAR: ASTM A615 GRADE 60.
3. MESH: ASTM A815 GRADE 65.
4. DESIGN: AC308-83 BUILDING CODE ASTM C857 MINIMUM STRUCTURAL DESIGN LOADING FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES.
5. LOADS: H-20 TRUCK WHEELS W/30% IMPACT PER AASHTO.
6. FILL W/CLEAN WATER PRIOR TO START UP OF SYSTEM.

SCALE: NONE

1. LICENSED PLUMBING CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS REQUIRED BY LOCAL CODES.
2. WATER SUPPLY SYSTEM AND SEWER SYSTEM SHALL BE PERMITTED AND INSPECTED BY LOCAL AUTHORITIES PRIOR TO BUILDING OCCUPANCY AND PROJECT CLOSEOUT.
3. THE WORK UNDER PLUMBING SECTION SHALL INCLUDE ALL LABOR, SERVICES, MATERIALS, EQUIPMENT, AND PERFORMANCE OF ALL WORK REQUIRED FOR THE INSTALLATION OF ALL PLUMBING WORK, AS SHOWN ON THE DRAWINGS AND HEREIN SPECIFIED.
4. SHOULD THERE BE ANY DISCREPANCIES OR A QUESTION OF INTENT, REFER THE MATTER TO THE ENGINEER FOR A DECISION BEFORE ORDERING ANY EQUIPMENT OR MATERIALS, OR BEFORE STARTING ANY RELATED WORK.
5. WHERE WORK CONNECTS TO THAT OF ANOTHER TRADE OR TO PIPING OR EQUIPMENT IN PLACE, FIELD MEASUREMENTS SHALL BE MADE TO MAKE CONNECTING WORK COME TRUE AND LINE UP WITH THE ITEM BEING CONNECTED.
6. WHERE WORK OF OTHER TRADES CONNECTS TO EQUIPMENT WHICH IS A PART OF THIS TRADE PROVIDE PROPER CONNECTION(S) TO SUCH EQUIPMENT.
7. MINOR ITEMS AND ACCESSORIES OR DEVICES REASONABLY INFERRED AS NECESSARY TO THE COMPLETE AND PROPER INSTALLATION AND OPERATION OF ANY SYSTEM SHALL BE PROVIDED BY THE CONTRACTOR FOR SUCH SYSTEM, WHETHER OR NOT THEY ARE SPECIFICALLY CALLED FOR BY THE SPECIFICATIONS AND DRAWINGS.
8. CAREFULLY CHECK AND COORDINATE THE LOCATION AND LEVEL OF ALL PIPES, DUCT, ETC. RUN PRELIMINARY LEVELS AND CHECK WITH ALL OTHER CONTRACTORS SO THAT CONFLICTS IN ALL LOCATIONS MAY BE AVOIDED.
9. ALL WORK SHALL BE EXECUTED AND INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF ALL FEDERAL, STATE, AND LOCAL CODES, LAWS, ORDINANCES, RULES, AND REGULATIONS, AND OSHA REQUIREMENTS APPLICABLE TO THE PARTICULAR CLASS OF WORK. ALL PERMITS AND FEES FOR PLUMBING WORK SHALL BE PAID BY THE PLUMBING CONTRACTOR AND SHALL BE INCLUDED IN HIS BID.
10. THIS CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF OTHER CONTRACTORS ON THE PROJECT IN ORDER THAT THERE BE NO DELAY IN THE PROPER INSTALLATION AND COMPLETION OF THE WORK. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF HIS WORK WITH THE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND ALL OTHER TRADES ON THE PROJECT, AND SHALL FIT HIS WORK TO AVOID INTERFERENCE. ANY RELOCATIONS OF DUCTWORK, EQUIPMENT, PIPING, VALVES, ETC., REQUIRED BECAUSE OF AN INTERFERENCE SHALL BE MADE AT THIS CONTRACTOR'S EXPENSE WITHOUT ADDITIONAL COST TO THE OWNER.
11. ALL PIPE, TUBE, AND FITTINGS SHALL COMPLY WITH THE LATEST ISSUED CODE AND STANDARDS, UNLESS INDICATED OTHERWISE BY LOCAL CODES.
12. WELDING PROCEDURES, WELDERS, AND OPERATORS SHALL BE CERTIFIED IN ACCORDANCE WITH ASME B 31.1 OR ASME B 31.2, AS APPLICABLE, FOR SHOP AND PROJECT SITE WELDING OF PIPE WORK.
13. CERTIFY WELDING OF PIPING WORK USING STANDARD PROCEDURE SPECIFICATIONS BY, AND WELDERS TESTED UNDER SUPERVISION OF, NATIONAL CERTIFIED PIPE WELDING BUREAU (NCPWB).
14. WHERE PLACING PIPING IS INDICATED TO TRANSPORT POTABLE WATER, PROVIDE PIPES AND PIPE FITTINGS BEARING APPROVAL LABEL BY NATIONAL SANITATION FOUNDATION (NSF).
15. COPPER TUBE AND FITTINGS

- A. COPPER TUBE: ASTM B 88 TYPE (WALL THICKNESS), AS INDICATED, FOR EACH SERVICE: HARD-DRAWN OR SOFT-DRAWN TEMPER, AS INDICATED, EXCEPT AS OTHERWISE INDICATED.
 - B. CAST COPPER SOLDER JOINT FITTINGS: ANSI B16.18.
 - C. WROUGHT COPPER SOLDER JOINT FITTINGS: ANSI B16.22.
16. BRASS PIPE FITTINGS
- A. RED BRASS PIPE: ASTM B 43 IN REGULAR WEIGHT.
 - B. CAST BRONZE THREADED FITTINGS: ANSI B16.15, CLASS 150 OR 250, AS REQUIRED.
 - C. CAST BRONZE THREADLESS FITTINGS: ASTM B 61.
17. PLASTIC PIPES AND FITTINGS
- A. POLYVINYL CHLORIDE PIPE (PVC): ASTM D 1785, IN SCHEDULE WEIGHT, AS INDICATED ON THE DRAWINGS.
 - B. POLYVINYL CHLORIDE WATER PIPE (PVC): AWWA C 900 IN.
 - C. POLYVINYL CHLORIDE SEWER PIPE (PVC): ASTM D 2729.
 - D. POLYVINYL CHLORIDE DRAIN, WASTE AND VENT PIPE (PVC-DWV): ASTM D 2665.
 - E. POLYVINYL CHLORIDE TYPE PSM SEWER PIPE: ASTM D 3034.
 - F. PVC FITTINGS
- 1. SCHEDULE 40 SOCKET: ASTM D 2466
 - 2. SCHEDULE 80 SOCKET: ASTM D 2467
 - 3. SCHEDULE 80 THREADED: ASTM D 2464
 - 4. DWV SOCKET: ASTM D 2665
 - 5. SEWER SOCKET: ASTM D 2729
 - 6. SOLVENT CEMENT: ASTM D 2564
 - 7. SOLVENT CEMENT (TO JOIN PVC TO ABS): ASTM D 3138

18. INSULATION

A. MANUFACTURER'S - ARMACELL INTERNATIONAL OR APPROVED
B. EXISTING STORM DRAIN OR DRAIN BODY OVERFLOW DRAIN
DOMESTIC COLD, HOT AND HOT WATER RETURN PIPING SYSTEM WITH ARMACELL INTERNATIONAL; MODEL AP ARMAFLEX OR APPROVED EQUAL, 4.2 PER INCH R VALUE, PREFORMED FLEXIBLE ELASTOMER CLOSED-CELL RUBBER INSULATION COMPLYING WITH ASTM D 354 TYPE V. USE MOLDED TUBULAR MATERIAL WHEREVER POSSIBLE AND HAVE WATERPROOF VAPOR BARRIER ADHESIVE. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. INSULATE ENTIRE SYSTEM INCLUDING FITTINGS, VALVES, UNIONS, FLANGES, STRAINERS, FLEXIBLE CONNECTIONS, PUMP BODIES, AND EXPANSION JOINTS. USE OVERSIZED HANGERS TO ALLOW THE INSULATION TO PASS THROUGH THE HANGERS WITHOUT FITTING. MAINTAIN A CONTINUOUS VAPOR BARRIER. INSULATION SHALL BE APPLIED TO THE FOLLOWING PIPING SYSTEM WITH THICKNESS AS INDICATED. ALL INSULATION SHALL COMPLY WITH THE CURRENT IECC CODES.

C. PIPING SYSTEM, PIPE SIZE, THICKNESS
DOMESTIC COLD WATER, ALL SIZES, 1/2"
DOMESTIC HOT WATER, 2" AND SMALLER, 1"
D. FURNACE AND INSTALL ZESTON 2000 PROTO PVC INSULATED FITTING COVERS ON ALL PIPE FITTINGS, FLANGES, VALVES, AND PIPE TERMINATIONS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

E. PIPE INSULATION SHALL RUN CONTINUOUS THROUGH NON-RATED WALLS AND PARTITIONS, EXCEPT WHERE PIPE PASSES THROUGH FIRE-RATED WALLS. PENETRATION OF FIRE-RATED WALLS SHALL BE ACCOMPANIED BY MEANS OF FIRE RATED PIPE PENETRATIONS, AS DETAILLED BY U.L.

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19. SANITARY SEWER UNDERGROUND INSIDE BUILDING CAST IRON. (OWNERS MAY DIRECT USE OF PVC INSTEAD OF CAST IRON AT THEIR OWN RISK.) SANITARY SEWER SHALL BE DWV SCHEDULE 40 PVC AS ALLOWED BY SANITARY SEWER ABOVE FLOOR MAY BE SCHEDULE 40 SO CORRE PVC ALLOWING ON CODES. CELLULAR CORE PVC PIPING IS NOT ACCEPTABLE. SANITARY SEWER OUTSIDE THE BUILDING MAY BE DWV SCHEDULE 40 PVC AS ALLOWED BY LOCAL CODE.
20. GENERAL CONTRACTOR WILL PROVIDE OPENINGS IN ROOF, FLOORS AND EXTERIOR WALLS FOR PLUMBING EQUIPMENT AND PIPE PENETRATIONS.
21. INSULATE ALL ABOVE GRADE DOMESTIC WATER PIPE AND COLD CONDENSATE DRAIN PIPES.
22. SHOCK ABSORBERS (SA) SHALL BE WADE #10, WATTS #SG-050, OR EQUAL.
23. WALL HYDRANTS SHALL BE WATTS #HY-420, OR EQUAL.
24. DOMESTIC WATER PIPING BELOW GRADE SHALL BE TYPE "K" SOFT DRAWN COPPER PIPE WRAPPED WITH VINYL TAPE. NO JOINTS BELOW FLOOR SLAB.
25. DOMESTIC WATER PIPING ABOVE GRADE SHALL BE HARD DRAWN TYPE "L" COPPER WITH WROUGHT SWEAT SOLDER JOINTS OR COMBINED COPPER-PEX-A SYSTEM PER HILTON HOTEL STANDARD SPECIFICATIONS.
26. VALVES SHALL BE FULL PORT BALL VALVES, NIBCO, OR EQUAL.
27. SEISMIC RESTRAINTS (WHERE REQUIRED BY CODE)

PIPE SIZE: 1" 1 1/4" 1 1/2" 2" 2 1/2" 3" 4" 6" 8"

MAX TRANSVERSE
SPACING (FT.):

14	16	18	20	24	26	28	34	38
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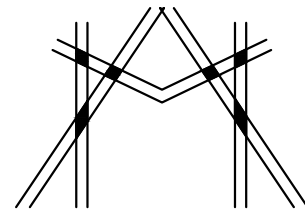
MAX. LONGITUDINAL
SPACING (FT.)

SOIL PIPING WITH NO-HUB AND BELL AND SPIGOT CAST IRON SOIL PIPE SHALL HAVE TRANSVERSE BRACING 10'-0" O.C. MAXIMUM AND LONGITUDINAL BRACING 20'-0" O.C. MAXIMUM.

C. PLUMBING CONTRACTOR SHALL PROVIDE SEISMIC RESTRAINT CALCULATIONS FOR PLUMBING PIPING AND EQUIPMENT CONNECTED TO THE BUILDING STRUCTURE. CALCULATIONS MUST BE STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT LOCATION.

D. SEISMIC RESTRAINT MATERIALS SHALL BE AS MANUFACTURED BY MASON INDUSTRIES, B-LINE SYSTEMS OR AN APPROVED EQUAL.

28. PIPE PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROVIDED WITH U.L. FIRE RATED PIPE SLEEVE ASSEMBLIES AND SEALED AS REQUIRED BY LOCAL AND STATE CODES AND ORDINANCES.
29. PIPE PENETRATIONS THROUGH SMOKE BARRIERS (1 HOUR FIRE RESISTANT RATING REQUIRED FOR SMOKE BARRIERS.) SHALL BE PROVIDED WITH U.L. FIRE RATED PIPE SLEEVE ASSEMBLIES AND SEALED AS REQUIRED BY LOCAL AND STATE CODES AND ORDINANCES.
30. PIPE PENETRATIONS THROUGH SMOKE PARTITIONS SHALL BE SEALED TO PREVENT PASSAGE OF SMOKE AS REQUIRED BY LOCAL, AND STATE CODES AND ORDINANCES.
31. IF PVC DRAINAGE PIPE IS USED ABOVE GUEST ROOMS OR ANY OTHER PUBLIC AREA, THE PIPES SHALL BE INSULATED FOR SOUND CONTROL.
32. PLUMBING CONTRACTOR SHALL HAVE IN POSSESSION A COPY OF "FURNISHING & CONSTRUCTION STANDARDS", FOR USE BY HOME2 SUITES BY HILTON ONLY, LATEST EDITION AND COMPLY WITH DIRECTIVE, UNLESS INSTRUCTED OTHERWISE BY THE OWNER.
33. ALL ITEMS RELATED TO THE PLUMBING SYSTEMS MUST HAVE THE APPROVAL OF HILTON HOTELS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS.



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Details and Specs

Phase
Construction Documentss

Project No.	17-051	Sheet No. P302
Prepared by	RHP	
Checked by	RJH	
Date	MAR. 28, 2019	

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