

GENERAL NOTES

- COORDINATE THE LOCATION OF DRAINS, GAS OUTLETS, ETC., WITH ALL CASEWORK EQUIPMENT, MECHANICAL ROOM EQUIPMENT, ETC., PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO INSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE. FOR SAFETY PURPOSES, PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. VERIFY THE LOCATION, SIZE, TYPE, ETC., OF EACH UNDERGROUND OR OVERHEAD UTILITY. ALL WORK SHALL BE PERFORMED IN ACCORD WITH ALL FEDERAL, STATE AND/OR LOCAL RULES, REGULATIONS, STANDARD AND SAFETY REQUIREMENTS. UTILITIES SHALL BE INSTALLED IN ACCORD WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY.
- WHERE WORK IS REQUIRED ABOVE EXISTING LAY-IN, PLASTER OR GYPSUM BOARD CEILINGS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REINSTALLATION (OR REPLACEMENT, IF DAMAGED) OF ALL CEILING OR TILE AND GRID MEMBERS NECESSARY TO PERFORM HIS WORK. NEW TILE AND GRID SHALL MATCH THE SURROUNDING AREAS. ALL PATCHING WORK SHALL MATCH ADJACENT SURFACES.
- ALL NEW WORK SHALL BE HUNG FROM STRUCTURE, NOT FROM THE WORK OF OTHER TRADES, WHETHER EXISTING OR NEW.
- COORDINATE ALL WORK WITH PROJECT PHASING REQUIREMENTS.
- PATCH, REPAIR AND PAINT OR PROVIDE WALL COVERING FOR (TO OWNER'S STANDARDS) EXISTING WALLS, CEILINGS, ETC., THAT ARE TO REMAIN IF DAMAGED DURING CONSTRUCTION. REPAIRS SHALL MATCH ADJACENT SURFACES TO THE SATISFACTION OF THE ARCHITECT AND OWNER.
- IN ACCORDANCE WITH K.R.S. ALL PLUMBING WORK SHALL BE CONSTRUCTED IN COMPLIANCE WITH PLANS APPROVED BY AND BEARING THE APPROVAL STAMP OF THE KENTUCKY DIVISION OF PLUMBING AND, OR, THE DIVISION OF WATER. THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL HE HAS RECEIVED SUCH APPROVED PLANS.
- OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS THAT MAY APPLY TO THE WORK UNDER THIS CONTRACT. (CITY, COUNTY, LOCAL, FEDERAL, MUNICIPALITY, UTILITY COMPANY, COMMONWEALTH OF KENTUCKY, ETC.)
- THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COMPANY FEES OR OTHER COSTS THAT ANY UTILITY COMPANY MAY REQUIRE TO COMPLETE THEIR WORK. (GAS, SEWER, WATER, ETC.)
- CONTRACTOR SHALL BE AWARE OF UNSEEN PLUMBING WORK DURING DEMOLITION. IF ITEMS ARE UNCOVERED DURING DEMOLITION THEN FIELD VERIFY THE USE OF THE ITEMS AND PLAN AN ALTERNATE ROUTE TO RUN THESE ITEMS. THEN CONTACT THE ENGINEERS TO REVIEW THE ROUTING.
- IF AREA OF CONSTRUCTION HAS A POST TENSION FLOOR SLAB, CONTRACTOR SHALL USE ULTRA SOUND OR OTHER APPROVED METHODS TO SURVEY THE EXISTING FLOOR STRUCTURE BEFORE MAKING ANY AND ALL FLOOR PENETRATIONS.
- WHERE FIRE PROOFING IS SPRAYED ON EXISTING STRUCTURE ALL EXISTING CONDUITS, WATER, HYDRONIC, STEAM, CHILLED WATER, FIRE PROTECTION LINES, MED GAS, ETC. SHALL BE LOWERED TO BE BELOW FULL THICKNESS OF FIRE PROOFING WITH NO INTERFERENCE.
- ALL PENETRATIONS OF FIRE AND SMOKE RATED ASSEMBLIES SHALL BE APPROPRIATELY FIRE STOPPED PER AN APPROVED U.L. LISTED STANDARD. CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO INSULATED PIPING PENETRATIONS.
- ALL WORK REQUIRING DOWNTIME OF ANY AREA IN THE BUILDING SHALL BE SCHEDULED 2 WEEKS IN ADVANCE, AND SHALL COMPLY WITH INTERIM LIFE SAFETY MEASURES.
- ALL PIPING IN ROOMS WITH CEILINGS SHALL BE ABOVE CEILING EXCEPT AS NOTED.
- LOCATIONS OF PIPING AND EQUIPMENT ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. DO NOT SCALE THE DRAWINGS.
- ALL OFFSETS IN PIPING ARE NOT NECESSARILY SHOWN. PROVIDE ADDITIONAL OFFSETS WHERE NECESSARY.
- INSTALL ALL PIPING AND EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTION. IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADVISE THE ENGINEERS PRIOR TO INSTALLATION FOR CLARIFICATION. PROVIDE RECOMMENDED ACCESS AND SERVICE CLEARANCES FOR ALL EQUIPMENT.
- SEAL AIRTIGHT AROUND ALL DUCTS AND PIPING PENETRATIONS THROUGH WALLS, FLOORS AND ROOF. PROVIDE FIRE STOPPING IN FIRE PARTITION.
- THE CONTRACTOR SHALL RELOCATE OR AVOID ANY EXISTING EQUIPMENT APPURTENANCES, ETC., THAT CONFLICT WITH NEW WORK.
- WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY OTHER BUILDING SYSTEM, CONTACT THE ENGINEERS BEFORE INSTALLATION. REFER ALSO TO ARCHITECTURAL WALL INTERIOR AND EXTERIOR WALL ELEVATIONS, CEILING HEIGHTS AND OTHER DETAIL OF THESE DOCUMENTS.
- DEVIATIONS IN SIZE, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT USED AS BASIS OF DESIGN SHALL BE THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. ANY PROVISIONS REQUIRED TO ACCOMMODATE A DEVIATION, WHETHER APPROVED BY THE ENGINEERS OR NOT, SHALL BE THE RESPONSIBILITY OF THE PURCHASER.
- VALVES OR ANY PLUMBING ITEM REQUIRING ACCESS SHALL NOT BE LOCATED ABOVE A HARD CEILING. IF THIS IS NOT POSSIBLE, THEN AN APPROPRIATELY SIZED ACCESS DOOR SHALL BE PLACED UNDER THE ITEM TO ALLOW EASY MAINTENANCE AND ADJUSTMENT. ADDITIONALLY ALL SUCH ITEMS SHALL NOT BE LOCATED AN UNREASONABLE DISTANCE ABOVE THE CEILING. IN GENERAL ALL SUCH ITEMS UNLESS INDICATED OTHERWISE SHALL BE MOUNTED SIX TO TWELVE INCHES ABOVE THE CEILING. IF IN DOUBT, CONTACT ENGINEER PRIOR TO INSTALLING.
- ALL MANHOLES, VAULTS AND SIMILAR UNDERGROUND STRUCTURES SHALL HAVE THE TOP ELEVATION SET FLUSH WITH FINISHED GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
- WHEN RUNNING ANY TYPE OF PIPING BELOW A FOOTER, OR IN THE ZONE OF INFLUENCE THE PIPING SHALL BE BACKFILLED WITH COMPACTED, FLOWABLE FILL PER SPECIFICATIONS. WHENEVER POSSIBLE, LOCATE PIPING OUTSIDE OF THE ZONE OF INFLUENCE. THE ZONE OF INFLUENCE IS THE AREA UNDER THE FOOTER WITHIN A 45 DEGREE ANGLE PROJECTING DOWN FROM THE BOTTOM EDGE OF THE FOOTER OR ALL SIDES OF THE FOOTER. ADDITIONALLY, GREASE TRAPS, MANHOLES, VAULTS AND OTHER UNDERGROUND STRUCTURES SHALL BE HELD AWAY FROM BUILDING WALLS FAR ENOUGH TO BE OUTSIDE OF THE ZONE OF INFLUENCE.

SYMBOLS AND ABBREVIATIONS

NOTE: NOT ALL SYMBOLS AND ABBREVIATIONS NECESSARILY USED ON THIS PROJECT.

W-CW	WATER COOLER CHILLED WATER SUPPLY PIPING	A, AIR	MEDICAL AIR
□	VACUUM BREAKER	AFF	ABOVE FINISHED FLOOR
○ →	PIPE ELBOW TURNING UP/TURNING DOWN	AFR	ABOVE FINISHED ROOF
⊕	CONNECT TO EXISTING (VERIFY EXACT LOCATION)	C.I.	CAST IRON
◇	BALANCING VALVE	CO ₂	CARBON DIOXIDE
— — —	UNION	CW	DOMESTIC COLD WATER
— — —	PETE'S PLUG	DN	DOWN
— — —	CHECK VALVE	EV	EVACUATION (WASTE ANESTHETIC GAS DISPOSAL)
— — —	DOUBLE CHECK VALVE ASSEMBLY	FHV	FIRE HOSE VALVE WITH CABINET
— — —	STRAINER	FPWH	FREEZE PROOF WALL HYDRANT
— — —	O S & Y VALVE (GATE)	HB	HOSE BIBB
— — —	PRESSURE REDUCING VALVE (STEAM, GAS, WATER, ETC.)	HW	DOMESTIC HOT WATER
— — —	BALL VALVE	IAW	IN ACCORDANCE WITH
— — —	SAFETY RELIEF VALVE	ID	INSIDE DIMENSION
— — —	THERMOMETER	IE	INVERT ELEVATION
□ PS	PRESSURE SWITCH	LPA	LINE PRESSURE ALARM (MEDICAL GAS AREA ALARM)
□ TS	TAMPER SWITCH	MH	MANHOLE
□ FS	FLOW SWITCH	MSA	MULTI-SINGLE ALARM (MEDICAL GAS MASTER ALARM)
—SAN	SANITARY WASTE PIPING	NTS	NOT TO SCALE
---SAN---	UNDERSLAB SANITARY WASTE PIPING	NIC	NOT IN CONTRACT
—GW	SANITARY WASTE PIPING TO GREASE TRAP	NO	NORMALLY OPEN
—FM	FORCED MAIN	NC	NORMALLY CLOSED
---VF---	VENT PIPING	O, OX	OXYGEN
—	DOMESTIC COLD WATER PIPING	OD	OUTSIDE DIMENSION
—	DOMESTIC HOT WATER SUPPLY	OR	OPEN RECEPTACLE
—	DOMESTIC RECIRCULATING HOT WATER	ORL	OVERFLOW ROOF LEADER
—RL	ROOF LEADER PIPING	PRV	PRESSURE REDUCING VALVE (STEAM, WATER, OR GAS)
—ORL	OVERFLOW ROOF LEADER PIPING	PSI	POUNDS PER SQUARE INCH
—E(NAME)	EXISTING PIPING OR DUCTWORK (THIN SOLID LINE)	RHW	DOMESTIC RECIRCULATING HOT WATER
—ABAN(NAME)	ABANDONED EXISTING PIPING (THIN SOLID LINE)	RL	ROOF LEADER
○ — ○	PIPING TEE (TURNED UP/DOWN)	SCW	SOFT DOMESTIC COLD WATER
— — —	CLEANOUT IN CEILING SPACE	SR	SANITARY RISER
— — —	FLOOR CLEANOUT	TB	THRUST BLOCK
— — —	EXTERIOR CLEANOUT	TE	TOP ELEVATION
—G	GAS LINE	TP	TRAP PRIMER
—SS	STORM SEWER PIPING	TP	TYPICAL
---FDR---	FOUNDATION DRAIN LINE	UON	UNLESS OTHERWISE NOTED
—W	DOMESTIC WATER LINE	V, VAC	VACUUM
—FP	FIRE PROTECTION LINE	VTR	VENT THRU ROOF
◆	LIMIT OF DEMOLITION	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
○ — ○	EXISTING DUCT OR PIPING TO BE REMOVED	OFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
◆	MECHANICAL EQUIPMENT DESIGNATOR	OFDI	OWNER FURNISHED, OWNER INSTALLED
•	LIMITED AREA SPRINKLER HEAD		
FD-#	FLOOR DRAIN DESIGNATOR		
RD-#	ROOF DRAIN DESIGNATOR		
P-#	PLUMBING FIXTURE DESIGNATOR		
—HB	HOSE BIB		
⊕	TEMPERATURE SENSOR		

PHASING NOTE:

THIS PROJECT INTERFACES EXTENSIVELY WITH EXISTING BUILDING SERVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND PHASE ALL THE-INS AND INTERRUPTS OF EXISTING SERVICES TO MINIMIZE OR ELIMINATE DOWNTIME. AS AN EXAMPLE, MAIN GAS SERVICE, WATER SERVICE, ELECTRICAL SERVICE, HVAC SERVICES, STEAM GENERATION, ETC., WILL BE AFFECTED AND REPLACED OR MOVED DURING THIS PROJECT. THE CONTRACTOR SHALL INSTALL ALL NEW SERVICES AND EQUIPMENT AND HAVE THEM TESTED AND FULLY AND RELIABLY FUNCTIONAL PRIOR TO INTERRUPTING, RELOCATING OR REMOVING ANY EXISTING SERVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO BARE ANY AND ALL COSTS ASSOCIATED WITH THIS PHASING, INCLUDING TEMPORARY SERVICES, TEMPORARY RELOCATION, PREMIUM TIME WORK, ETC. CONTRACTOR SHALL COORDINATE ALL SAID WORK WITH THE OWNER AND APPLICABLE UTILITIES PER THE CONTRACT DOCUMENTS.

NOTE:

WORK IN CONFINED AREAS SHALL BE IN ACCORDANCE WITH THE OWNER'S SAFETY POLICY REQUIREMENTS.

HAZARDOUS MATERIAL NOTE:

THE CONTRACTOR IT IS HEREBY ADVISED THAT IT IS POSSIBLE THAT ASBESTOS AND/OR OTHER HAZARDOUS MATERIALS ARE OR WERE PRESENT IN THIS BUILDING(S). ANY WORKER, OCCUPANT, VISITOR, ETC., WHO ENCOUNTERS ANY MATERIAL OF WHOSE CONTENT THEY ARE NOT CERTAIN SHALL PROMPTLY REPORT THE EXISTENCE AND LOCATION OF THAT MATERIAL TO THE OWNER. FURTHERMORE, THE CONTRACTOR SHALL INSURE THAT NO ONE COMES NEAR TO OR IN CONTACT WITH ANY SUCH MATERIAL OR FUMES THEREFROM UNTIL ITS CONTENT CAN BE ASCERTAINED TO BE NON-HAZARDOUS.

CMTA, INC. HAS NO EXPERTISE IN THE DETERMINATION OF THE PRESENCE OF ANY HAZARDOUS MATERIAL. THEREFORE, NO ATTEMPT HAS BEEN MADE BY CMTA TO IDENTIFY THE EXISTENCE OR LOCATION OF ANY SUCH HAZARDOUS MATERIAL. FURTHERMORE, CMTA NOR ANY AFFILIATE HEREOF WILL NOT OFFER OR MAKE ANY RECOMMENDATIONS RELATIVE TO THE REMOVAL, HANDLING OR DISPOSAL OF SUCH MATERIAL.

IF THE WORK WHICH IS TO BE PERFORMED INTERFACES, CONNECTS OR RELATES IN ANY PHYSICAL WAY WITH OR TO EXISTING COMPONENTS WHICH CONTAIN OR BEAR ANY HAZARDOUS MATERIAL, ASBESTOS BEING ONE, THEN IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO CONTACT THE OWNER AND SO ADVISE HIM IMMEDIATELY.

THE CONTRACTOR BY EXECUTION OF THE CONTRACT FOR ANY WORK AND/OR BY THE ACCOMPLISHMENT OF ANY WORK THEREBY AGREE TO BRING NO CLAIM RELATIVE TO HAZARDOUS MATERIALS FOR NEGLIGENCE, BREACH OF CONTRACT, INDEMNITY, OR ANY OTHER SUCH ITEM AGAINST CMTA, ITS PRINCIPALS, EMPLOYEES, AGENTS OR CONSULTANTS. ALSO, THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD CMTA, ITS PRINCIPALS, EMPLOYEES, AGENTS AND CONSULTANTS HARMLESS FROM ANY SUCH RELATED CLAIMS WHICH MAY BE BROUGHT BY ANY SUBCONTRACTORS, SUPPLIERS OR ANY OTHER THIRD PARTIES.

THE CONTRACTOR IS DIRECTED TO THE SPECIFICATIONS FOR FURTHER INFORMATION.

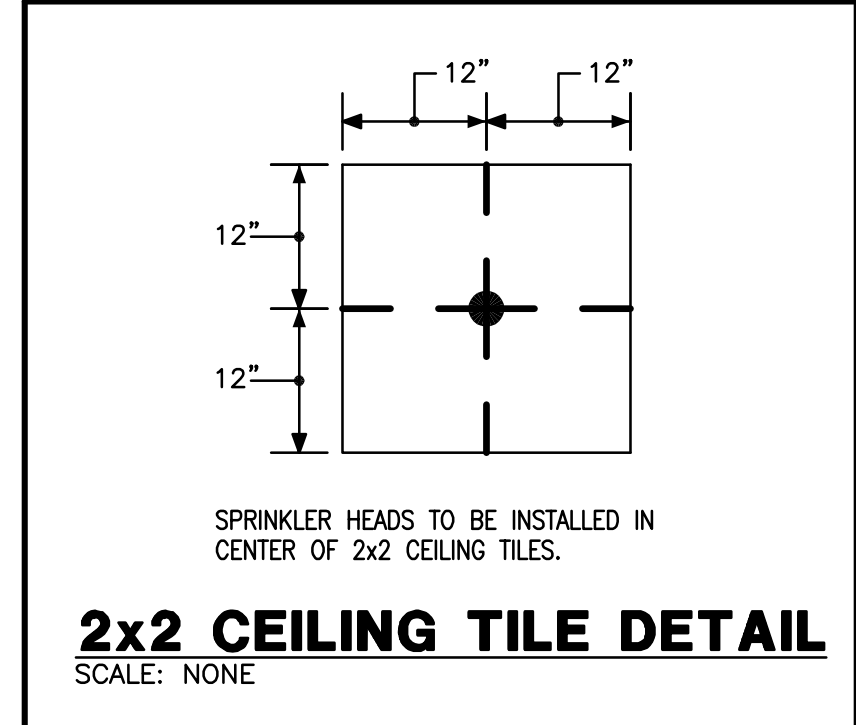
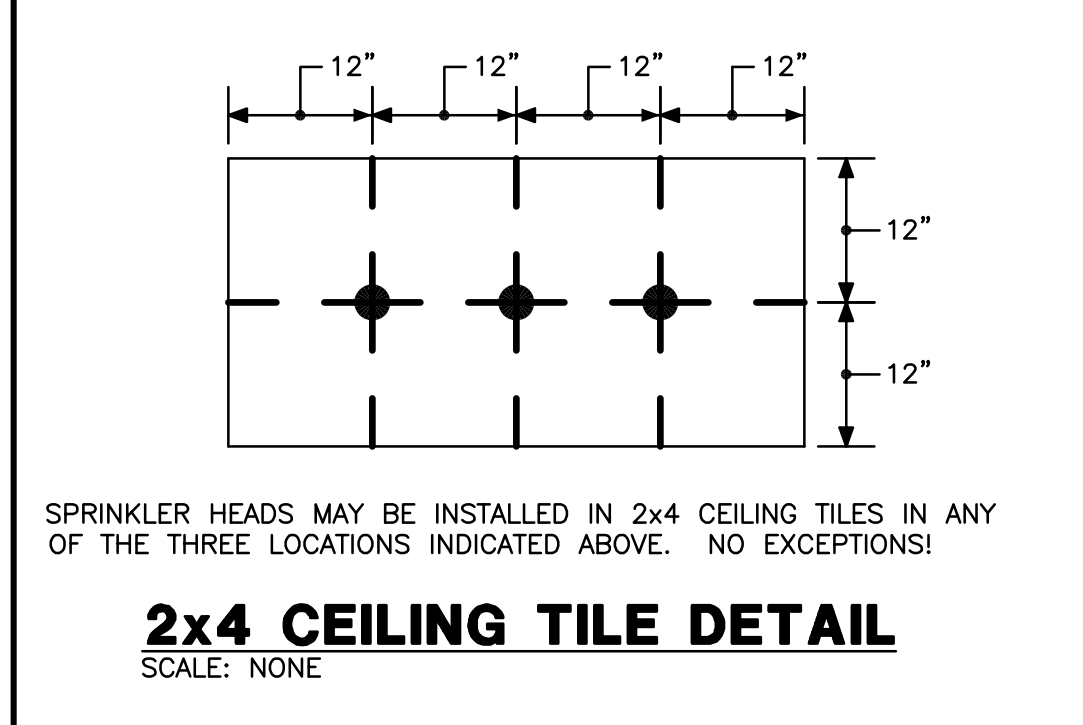
AFR	ABOVE FINISHED ROOF
C.I.	CAST IRON
CO ₂	CARBON DIOXIDE
CW	DOMESTIC COLD WATER
DN	DOWN
EV	EVACUATION (WASTE ANESTHETIC GAS DISPOSAL)
FHV	FIRE HOSE VALVE WITH CABINET
FPWH	FREEZE PROOF WALL HYDRANT
HB	HOSE BIBB
HW	DOMESTIC HOT WATER
IAW	IN ACCORDANCE WITH
ID	INSIDE DIMENSION
IE	INVERT ELEVATION
LPA	LINE PRESSURE ALARM (MEDICAL GAS AREA ALARM)
MH	MANHOLE
MSA	MULTI-SINGLE ALARM (MEDICAL GAS MASTER ALARM)
NTS	NOT TO SCALE
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NC	NORMALLY CLOSED
O, OX	OXYGEN
OD	OUTSIDE DIMENSION
OR	OPEN RECEPTACLE
ORL	OVERFLOW ROOF LEADER
PRV	PRESSURE REDUCING VALVE (STEAM, WATER, OR GAS)
PSI	POUNDS PER SQUARE INCH
RHW	DOMESTIC RECIRCULATING HOT WATER
RL	ROOF LEADER
SCW	SOFT DOMESTIC COLD WATER
SR	SANITARY RISER
TB	THRUST BLOCK
TE	TOP ELEVATION
TP	TRAP PRIMER
TP	TYPICAL
UON	UNLESS OTHERWISE NOTED
V, VAC	VACUUM
VTR	VENT THRU ROOF
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
OFDI	OWNER FURNISHED, OWNER INSTALLED

FIRE PROTECTION NOTES:

- ALL AREAS SHALL BE PROTECTED BY A 100% WET PIPE FIRE SUPPRESSION SYSTEM INSTALLED IN STRICT ACCORDANCE WITH NFPA-13, THE KENTUCKY BUILDING CODES AND THE PROJECT SPECIFICATIONS.
- REFER TO A COMPLETE SET OF DOCUMENTS (ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL PLANS AND SPECIFICATIONS) FOR COORDINATION OF TRADES, ROOMS, STRUCTURE AND EQUIPMENT.
- WHERE CEILINGS ARE INDICATED ALL SPRINKLER PIPING MUST BE INSTALLED ABOVE CEILINGS. SPRINKLER PIPING MUST BE COORDINATED WITH OTHER TRADES PIPING MUST BE OFFSET TO AVOID CONFLICTS WITH DUCTWORK, CONDUIT, ALL EQUIPMENT, ETC.
- INSTALL HEADS IN CENTER OF 2' X 2' TILES. INSTALL HEADS ON 1/4 POINTS OF THE 4' DIMENSION AND CENTER OF THE 2' DIMENSION IN 2' X 4' TILES. DO NOT MOUNT HEADS IN CENTER OF 2' X 4' TILE IF IT IS SCORED TO LOOK LIKE TWO 2' X 2' TILES.
- ALL FIRE PROTECTION PIPE SIZES SHALL BE HYDRAULICALLY CALCULATED IN ACCORDANCE WITH NFPA-13.
- ALL SPRINKLER HEADS SHALL BE QUICK RESPONSE SPRINKLER HEADS.
- THE FIRE PROTECTION CONTRACTOR SHALL PERFORM HIS OWN FLOW TEST PRIOR TO SUBMITTING SHOP DRAWINGS.

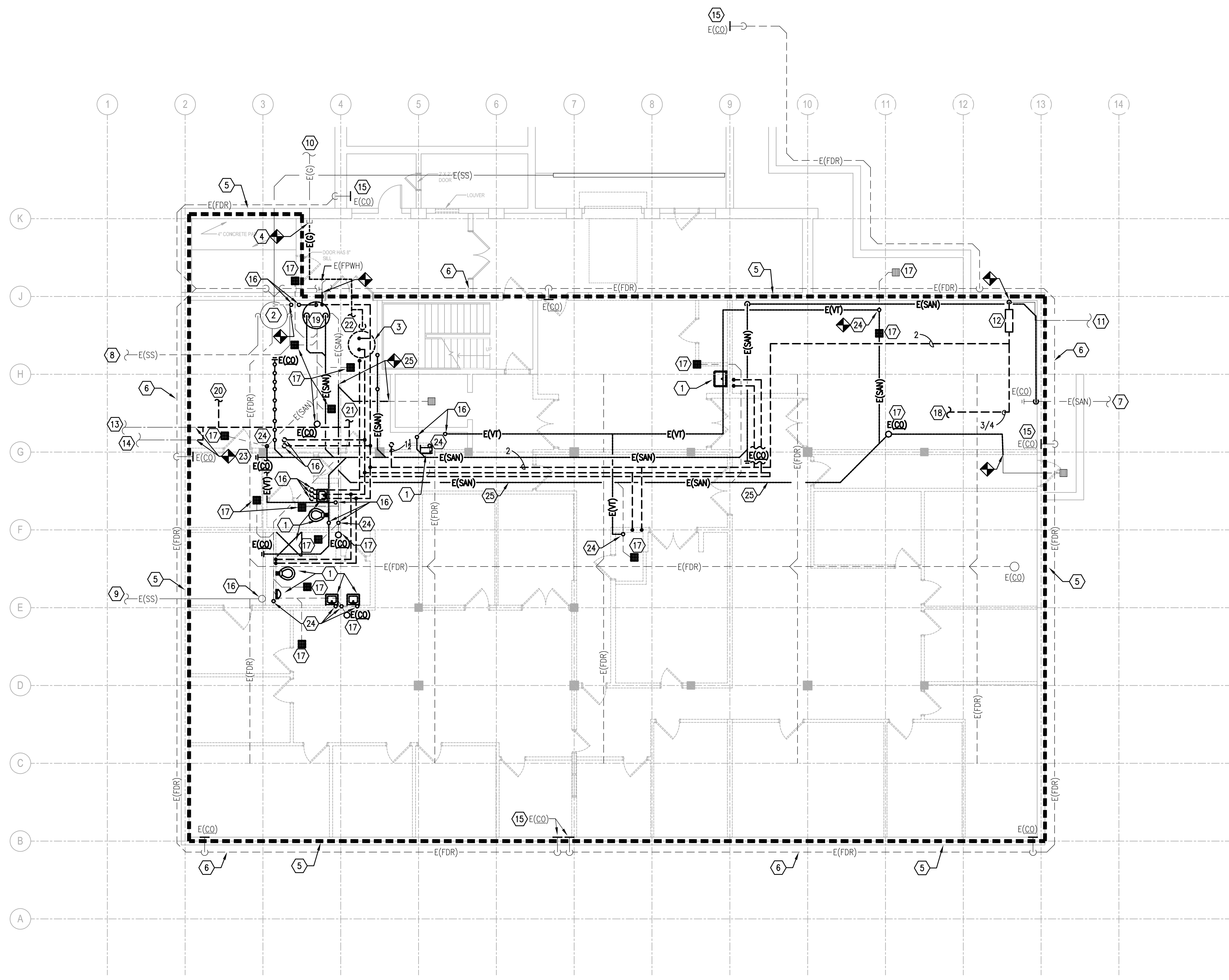
FLOW DATA

STATIC PSH: XXX
 RESIDUAL PSH: XXX
 FLOW: XXX GPM
 DURATION: CONTINUOUS
 DATE & TIME: XX-XX-XX
 SOURCE OF WATER: XXX
 SOURCE OF DATA: XXX
 HAZARD: LIGHT & ORDINARY
 OCCUPANCY OF BUILDING OFFICE



REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		RECORD DATE: JULY 2013	
3		DRAWING BY: MCW	
4		CHECKED BY: CMR	
5		A & E FILE NO: 1302.00	
6		CSG13	
7		JULY 2013	
8		AGENCY AUTHORIZED AGENT	
9		DIVISION OF ENGINEERING	

PLUMBING LEGEND		DRAWING NO.
COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET		P-1.0
DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES		
FRANKFORT, KENTUCKY		REVIEWED: DNY, OF ENGR.
212 North Upper Street Lexington, Kentucky 40507-0001 p 606.252.6664 f 606.253.2398 www.omniarchitects.com		ENGR. FILE NO: 785-088R-8C01-00
APPROVED FOR PROGRAM CONCEPT ONLY	DATE	
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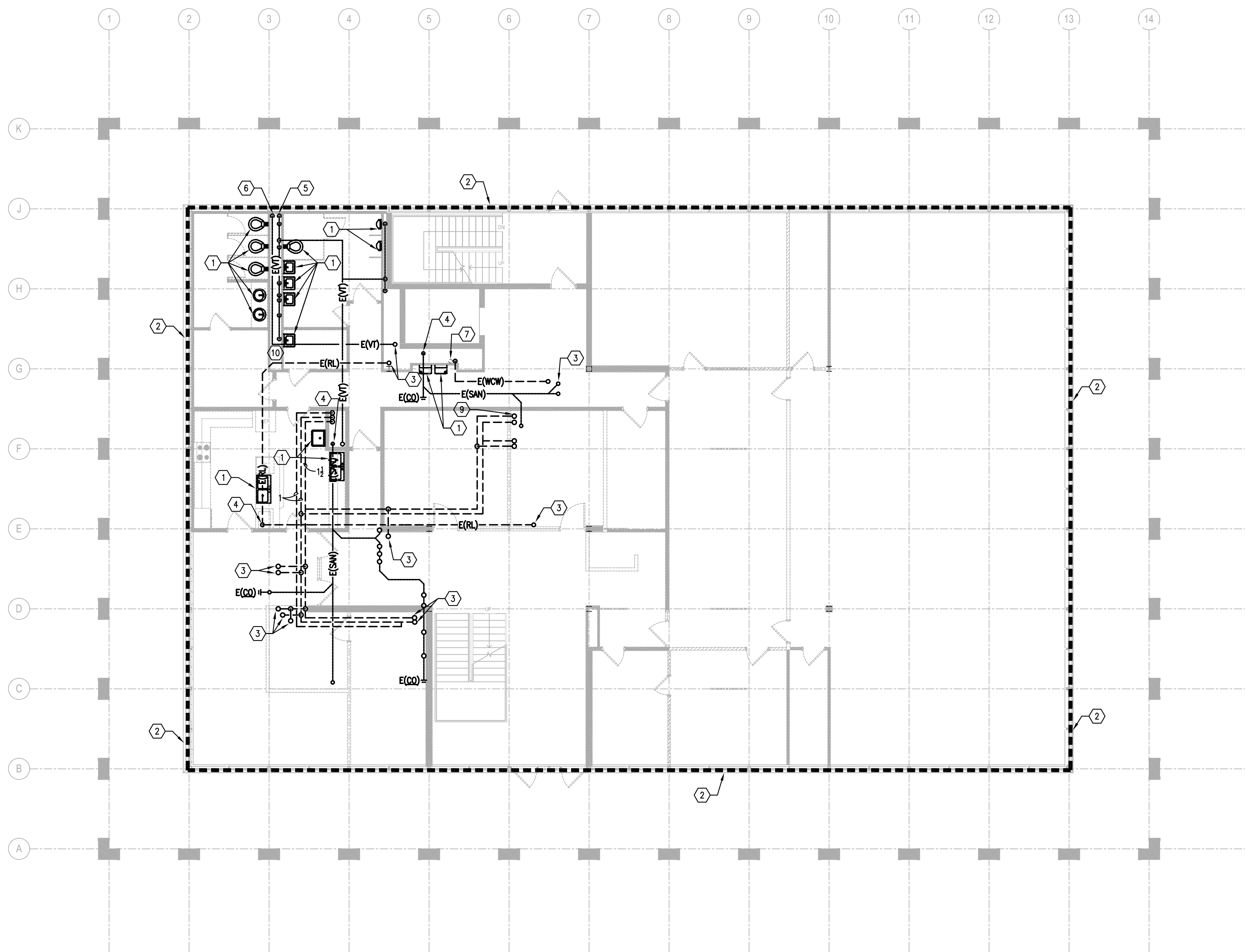


1 BASEMENT FLOOR PLAN
1/8" = 1'-0"

- GENERAL NOTES:
- A. REFER TO ARCHITECTURAL PLANS FOR ALL FLOOR, CEILING, WALL, AND ROOF PATCH AND REPAIR REQUIREMENTS.
- TAGGED NOTES: 2
1. REMOVE FIXTURES AND ALL ASSOCIATED PIPING.
 2. REPLACE EXISTING STORM SEWER SUMP PUMP EXISTING SUMP AND ALL CONNECTED VENT AND STORM PIPING TO REMAIN IN PLACE. REFER TO PLUMBING NEW WORK - BASEMENT FLOOR PLAN, SHEET P3.0, FOR DETAILS.
 3. DEMOLISH EXISTING WATER HEATER AND ALL ASSOCIATED CONTROLS, WIRING, FLUE, ETC. PATCH AND REPAIR ROOF COMPLETELY.
 4. DEMOLISH EXISTING GAS PIPING, CAP GAS PIPING AT THE POINT WHERE PIPING ENTERS BASEMENT.
 5. DEMOLISH ALL SANITARY WASTE AND VENT PIPING, GAS PIPING, DOMESTIC WATER PIPING AND ALL ASSOCIATED FIXTURES, ROOF LEADER PIPING COMPLETELY. REFER TO ARCHITECTURAL PLANS FOR CEILING, WALL, AND FLOOR PATCH AND REPAIR REQUIREMENTS.
 6. FOUNDATION DRAIN TO REMAIN. BILGE PUMPS SHALL BE REPLACED.
 7. 6" EXISTING SANITARY PIPING. REFER TO SITE UTILITY PLAN FOR CONTINUATION.
 8. 3" EXISTING STORM SEWER BILGE PUMP DISCHARGE PIPING. REFER TO SITE UTILITY PLAN FOR CONTINUATION.
 9. 8" EXISTING STORM SEWER PIPING. REFER TO SITE UTILITY PLAN FOR CONTINUATION.
 10. EXISTING GAS PIPING. REFER TO SITE UTILITY PLAN FOR CONTINUATION.
 11. EXISTING WATER PIPING. REFER TO SITE UTILITY PLAN FOR CONTINUATION.
 12. DEMOLISH EXISTING WATER SERVICE ENTRANCE.
 13. EXISTING 3/4" WATER LINE TO BOX HYDRANTS. REFER TO SITE UTILITY PLAN FOR CONTINUATION.
 14. EXISTING 3/4" WATER LINE TO FOUNTAIN. REFER TO SITE UTILITY PLAN FOR CONTINUATION.
 15. EXISTING SIDE CLEANOUT IN WALL, TYPICAL.
 16. EXISTING PIPING UP. REFER TO 1ST FLOOR PLAN FOR CONTINUATION.
 17. REMOVE EXISTING FLOOR DRAIN OR CLEANOUT. DEMOLISH ASSOCIATED SANITARY PIPING AND CAP UNDERSLAB. SAWCUT AND PATCH FLOOR AS REQUIRED. TYPICAL OF ALL EXISTING FLOOR DRAINS AND CLEANOUTS IN BASEMENT.
 18. EXISTING CW PIPING TO HUMIDIFIER IN EXISTING AIR HANDLING UNIT.
 19. DEMOLISH EXISTING SEWER PIPING SUMP PUMP AND ALL ASSOCIATED PIPING, CONTROLS, ETC. CAP SANITARY PIPING UNDERSLAB. DEMOLISH TANK FLUSH TO FINISHED FLOOR AND BACKFILL ABANDONED SUMP WITH CONCRETE.
 20. EXISTING FILL LINE FOR EXISTING CHILLED WATER LOOP.
 21. EXISTING FILL LINE FOR EXISTING HOT WATER LOOP.
 22. GAS PIPING TO EXISTING BOILER.
 23. REFER TO PLUMBING NEW WORK - BASEMENT FLOOR PLAN, SHEET P3.0, FOR BACKFEEDING OF EXISTING WATER LINES TO SITE.
 24. DEMOLISH EXISTING SANITARY VENT PIPING DOWN TO UNDERSLAB. CAP BELOW SLAB. SAWCUT AND PATCH FLOOR AS REQUIRED.
 25. DEMOLISH EXISTING UNDERSLAB SANITARY PIPING AS INDICATED. INSTALL NEW SANITARY PIPING IN ITS PLACE. REFER TO PLUMBING NEW WORK - BASEMENT FLOOR PLAN, SHEET P3.0, FOR DETAILS. CAP ALL SANITARY PIPING ABANDONED UNDER SLAB.

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REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2			
3			
4		RECORD DATE	JULY 2013
5		DRAWN BY	MCW
6		CHECKED BY	CMR
7		A & E FILE NO	1302.00
8			CSG13
9			JULY 2013
		PLUMBING DEMOLITION - BASEMENT FLOOR PLAN COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES FRANKFORT, KENTUCKY	
		DRAWING NO	P-2.0
		REVIEWED	DIV. OF ENGR.
		ENGR. FILE NO	785-088R-8C01-00
		AGENCY AUTHORIZED AGENT	APPROVED FOR PROGRAM CONCEPT ONLY
		DIVISION OF ENGINEERING	APPROVED FOR PROGRAM CONCEPT ONLY

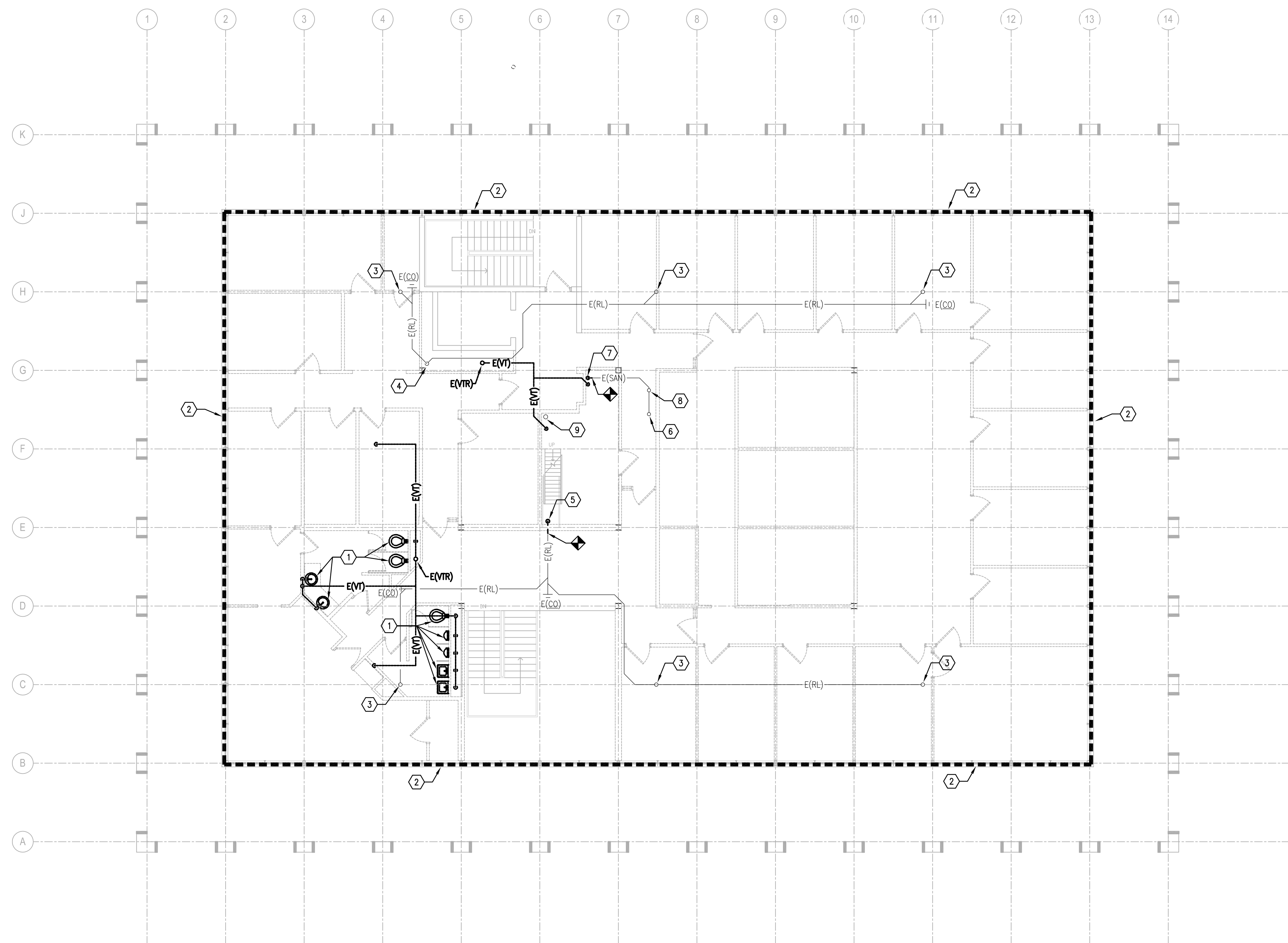


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- REMOVE EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED PIPING.
 - DEMOLISH ALL SANITARY WASTE AND VENT PIPING, GAS PIPING, DOMESTIC WATER PIPING AND ALL ASSOCIATED FIXTURES, ROOF LEADER PIPING COMPLETELY. REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR, WALL, AND CEILING PATCH AND REPAIR REQUIREMENTS.
 - EXISTING PIPING UP TO 2ND FLOOR. REFER TO SECOND FLOOR PLUMBING DEMOLITION PLAN FOR CONTINUATION.
 - EXISTING PIPING DOWN TO BASEMENT BELOW. REFER TO BASEMENT PLUMBING DEMOLITION PLAN FOR CONTINUATION.
 - 3" EXISTING SEWAGE PUMP VENT PIPING UP TO SECOND FLOOR AND DOWN TO BASEMENT.
 - 3" EXISTING STORM BILGE PUMP VENT PIPING DOWN TO BASEMENT.
 - EXISTING 4" VENT PIPING UP TO SECOND FLOOR AND DOWN TO BASEMENT. REFER TO SECOND FLOOR AND BASEMENT PLUMBING DEMOLITION PLAN FOR CONTINUATION.
 - EXISTING VENT PIPING UP TO SECOND FLOOR.
 - CW FILL LINE UP TO SECOND FLOOR FIXTURE AND THEN UP TO HUMIDIFIER IN PENTHOUSE. REFER TO 2ND FLOOR PLUMBING DEMOLITION PLAN FOR CONTINUATION.

1 FIRST FLOOR PLAN
1/8" = 1'-0"

FILENAME: P:\ARCH\2013\PLUMBING\CSG13-011.DWG
 PLOT BY: JMM
 DATE: 7/15/13

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8		AGENCY: COMMONWEALTH OF KENTUCKY	
9		DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION	
		DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES	
		FRANKFORT, KENTUCKY	
		DRAWING NO: P-2.1	
		REVIEWED: DNY, OF ENGR.	
		ENGR. FILE NO: 785-088R-8C01-00	
		 212 North Upper Street Lexington, Kentucky 40507-1001 p 606.252.6664 f 606.253.2338 www.omniarchitects.com	
		AGENCY AUTHORIZED AGENT	DATE
		DIVISION OF ENGINEERING	DATE
		APPROVED FOR PROGRAM CONCEPT ONLY	APPROVED FOR PROGRAM CONCEPT ONLY




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1. REMOVE EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED PIPING.
 2. DEMOLISH ALL SANITARY WASTE AND VENT PIPING, GAS PIPING, DOMESTIC WATER PIPING AND ALL ASSOCIATED FIXTURES, ROOF LEADER PIPING COMPLETELY. REFER TO ARCHITECTURAL DRAWINGS FOR WALL, CEILING, AND FLOOR PATCH AND REPAIR REQUIREMENTS.
 3. EXISTING ROOF LEADER PIPING UP TO ROOF DRAIN. ROOF DRAIN SHALL REMAIN. REPLACE ALL ROOF LEADER PIPING.
 4. 5" EXISTING ROOF LEADER PIPING DOWN IN CHASE TO FIRST FLOOR. REFER TO FIRST FLOOR PLUMBING DEMOLITION PLAN FOR CONTINUATION.
 5. 6" EXISTING ROOF LEADER PIPING DOWN TO FIRST FLOOR. REFER TO FIRST FLOOR PLUMBING DEMOLITION PLAN FOR CONTINUATION. 3" EXISTING ROOF LEADER PIPING UP TO PENTHOUSE. REFER TO PENTHOUSE PLUMBING DEMOLITION PLAN FOR CONTINUATION.
 6. 3" EXISTING SANITARY PIPING TO FLOOR DRAIN OF PENTHOUSE.
 7. EXISTING PIPING DOWN TO FIRST FLOOR. REFER TO FIRST FLOOR PLUMBING DEMOLITION PLAN FOR CONTINUATION.
 8. 4" EXISTING VENT PIPING UP TO PENTHOUSE. REFER TO PENTHOUSE PLUMBING DEMOLITION PLAN FOR CONTINUATION.
 9. EXISTING CW LINE TO HUMIDIFIER IN PENTHOUSE. REFER TO PENTHOUSE PLUMBING DEMOLITION PLAN FOR CONTINUATION.

1 SECOND FLOOR PLAN
1/8" = 1'-0"

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 PLOT BY: JMM
 DATE: 7/15/13

REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE, LEXINGTON, KY 40511	
2			
3			
4	JULY 2013	RECORD DATE	PLUMBING DEMOLITION - SECOND FLOOR PLAN
5		DRAWN BY	COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET
6		CHECKED BY	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
7			FRANKFORT, KENTUCKY
8		A & E FILE NO	
9		1302.00	
		CSG13	
		JULY 2013	
		AGENCY	
		AUTHORIZED AGENT	DATE
		DIVISION OF ENGINEERING	APPROVED FOR PROGRAM CONCEPT ONLY DATE
			APPROVED FOR PROGRAM CONCEPT ONLY DATE

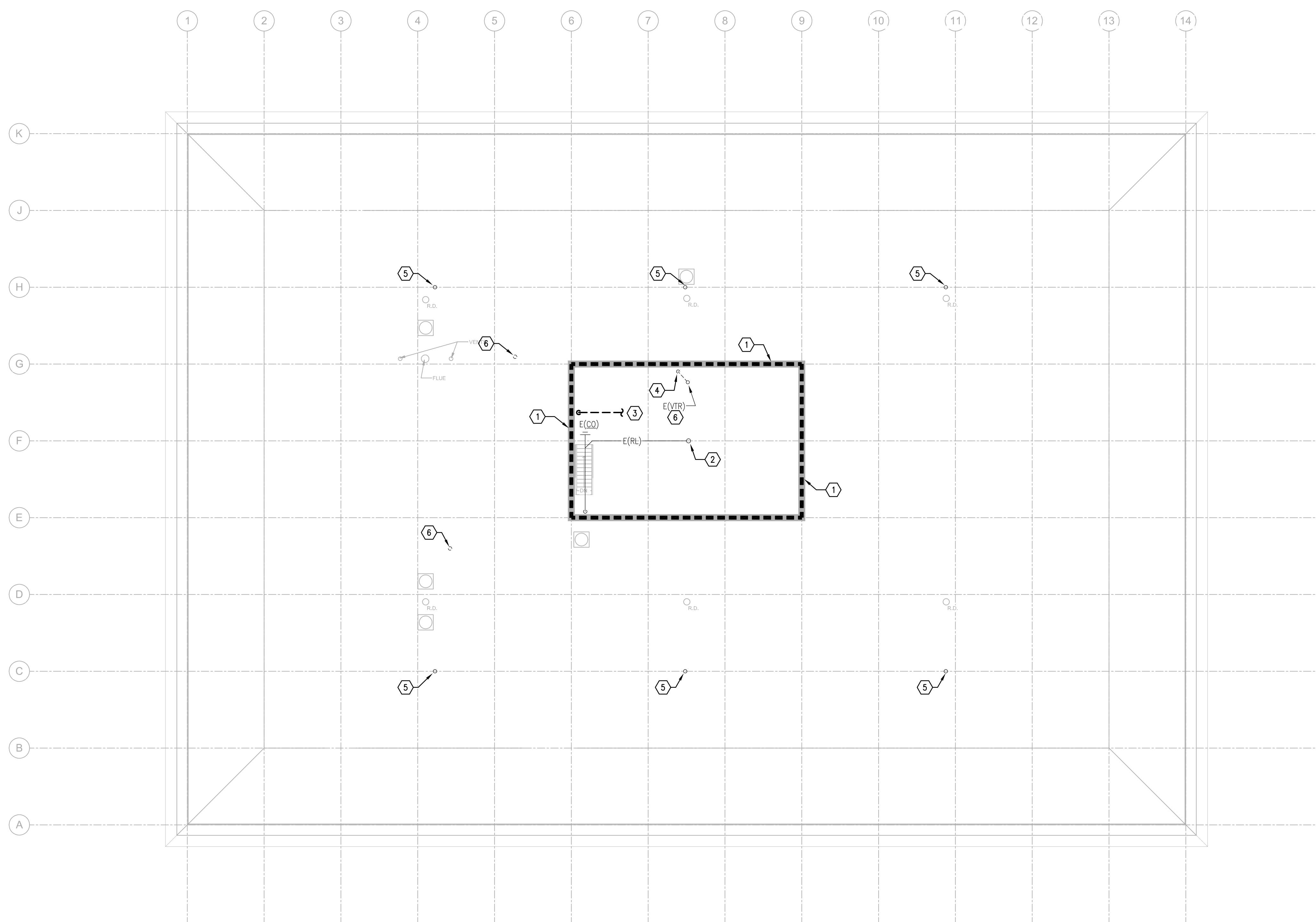


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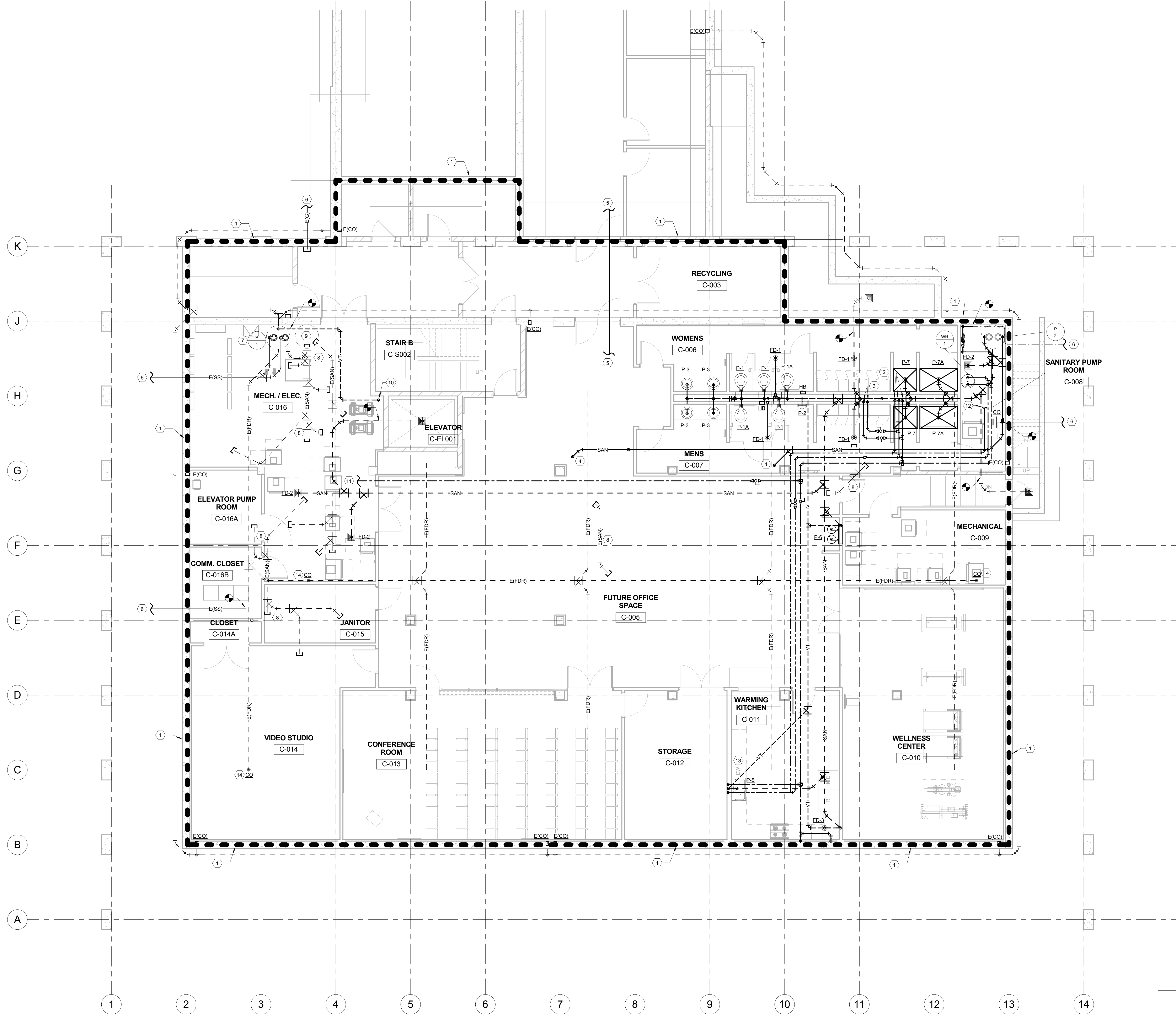


- TAGGED NOTES: ①
1. DEMOLISH ALL SANITARY WASTE AND VENT PIPING, GAS PIPING, DOMESTIC WATER PIPING AND ALL ASSOCIATED FIXTURES, ROOF LEADER PIPING COMPLETELY. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING, WALL, AND FLOOR PATCH AND REPAIR REQUIREMENTS.
 2. EXISTING ROOF LEADER PIPING UP TO ROOF DRAIN.
 3. EXISTING CW FILL LINE TO HUMIDIFIER.
 4. EXISTING VENT PIPING DOWN TO 2ND FLOOR. REFER TO SECOND FLOOR PLUMBING DEMOLITION PLAN FOR CONTINUATION.
 5. EXISTING ROOF DRAIN TO REMAIN.
 6. EXISTING VENT THRU ROOF TO REMAIN.

① PENTHOUSE PLAN
1/8" = 1'-0"

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 PLOT BY: CMR
 DATE: 7/1/13

REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE, LEXINGTON, KY 40511	
2			
3			
4	JULY 2013	RECORD DATE	DRAWING NO.
5		PLUMBING DEMOLITION - PENTHOUSE PLAN	
6		COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET	
7		DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION	
8		DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES	
9		FRANKFORT, KENTUCKY	
		CHECKED BY	REVIEWED
		CMR	DIV. OF ENGR.
		A & E FILE NO	ENGR. FILE NO
		1302.00	785-088R-8C01-00
		CSG13	
		JULY 2013	
		AGENCY	DATE
		AUTHORIZED AGENT	APPROVED FOR PROGRAM CONCEPT ONLY
		DIVISION OF ENGINEERING	APPROVED FOR PROGRAM CONCEPT ONLY

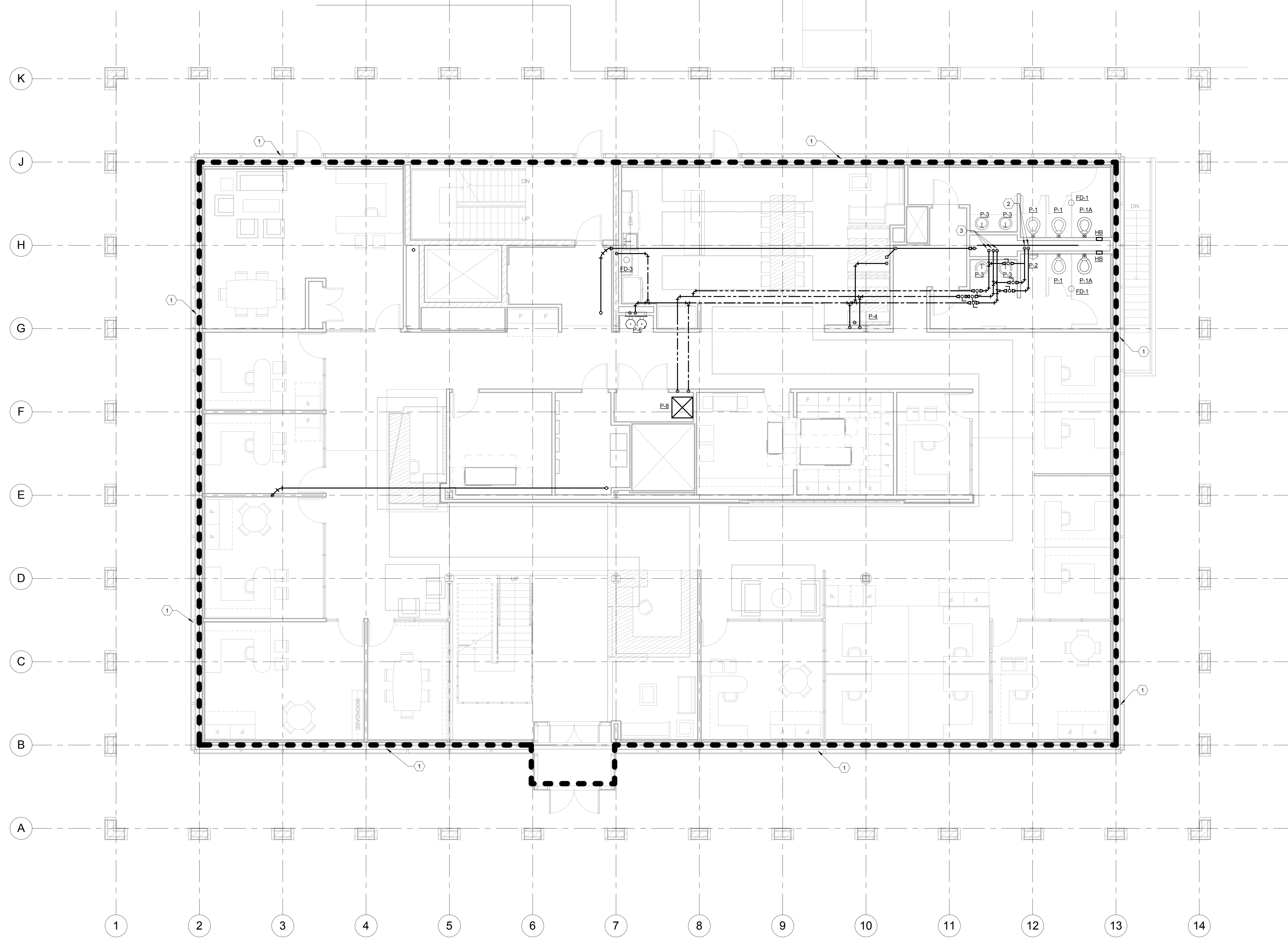


- PLUMBING NEW WORK - BASEMENT TAGGED NOTES
- 1 THE ENTIRE OULINED AREA SHALL BE PROTECTED WITH A 100% "WET" TYPE SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH NFPA 13. PROVIDE EXTENDED COVERAGE, SIDEWALL, AND FREEZE PROOF HEADS AS REQUIRED. NOTE THAT SPRINKLER MAINS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SPRINKLER CONTRACTOR SHALL INSTALL SPRINKLER PIPING SO AS TO NOT INTERFERE WITH HVAC, PLUMBING, AND ELECTRICAL EQUIPMENT, MAINTENANCE/SERVICE, AND ARCHITECTURAL FINISH CLEARANCES.
 - 2 DOMESTIC WATER PIPING UP TO FIRST FLOOR. REFER TO FIRST FLOOR PLUMBING PLAN FOR CONTINUATION.
 - 3 DOMESTIC WATER PIPING DOWN TO BASEMENT FLOOR FIXTURES.
 - 4 SANITARY PIPING DOWN FROM FIRST FLOOR. REFER TO PLUMBING NEW WORK - FIRST FLOOR PLAN FOR CONTINUATION.
 - 5 FIRE PROTECTION PIPING TO BUILDING FROM CONNECTION THRU TUNNEL.
 - 6 REFER TO SITE UTILITIES PLAN, SHEET U1.0 FOR CONTINUATION.
 - 7 CONNECT P-1 TO EXISTING WASTE AND VENT PIPING.
 - 8 EXISTING SANITARY PIPING CAPPED AND ABANDONED UNDER SLAB.
 - 9 ABANDONED SEWAGE SUMP.
 - 10 PIPING UP, REFER TO PLUMBING NEW WORK - FIRST FLOOR PLAN FOR CONTINUATION.
 - 11 FILL LINE TO GEOTHERMAL LOOP.
 - 12 REFER TO PLUMBING SCHEDULES AND DETAILS, WATER HEATER PIPING SCHEMATIC FOR CONTINUATION.
 - 13 PROVIDE WATER LINE IN CASEWORK TO DISHWASHER.
 - 14 PROVIDE NEW CLEANOUT FOR FOUNDATION DRAIN SYSTEM.

PLUMBING NEW WORK - BASEMENT
FLOOR PLAN
3/16" = 1'-0"

REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		RECORD DATE	PLUMBING NEW WORK - BASEMENT FLOOR PLAN
3		DRAWN BY	COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET
4		CHECKED BY	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
5		A & E FILE NO	FRANKFORT, KENTUCKY
6		1302.00	212 North Upper Street Lexington, Kentucky 40507-1801 p 606.252.6664 f 606.252.2288 www.omniarchitects.com
7		JULY 2013	REVIEWED
8		AGENCY AUTHORIZED AGENT	DIVISION OF ENGINEERING
9		APPROVED FOR PROGRAM CONCEPT ONLY	DATE

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ENGR. FILE NO
785-028R-BC01-00

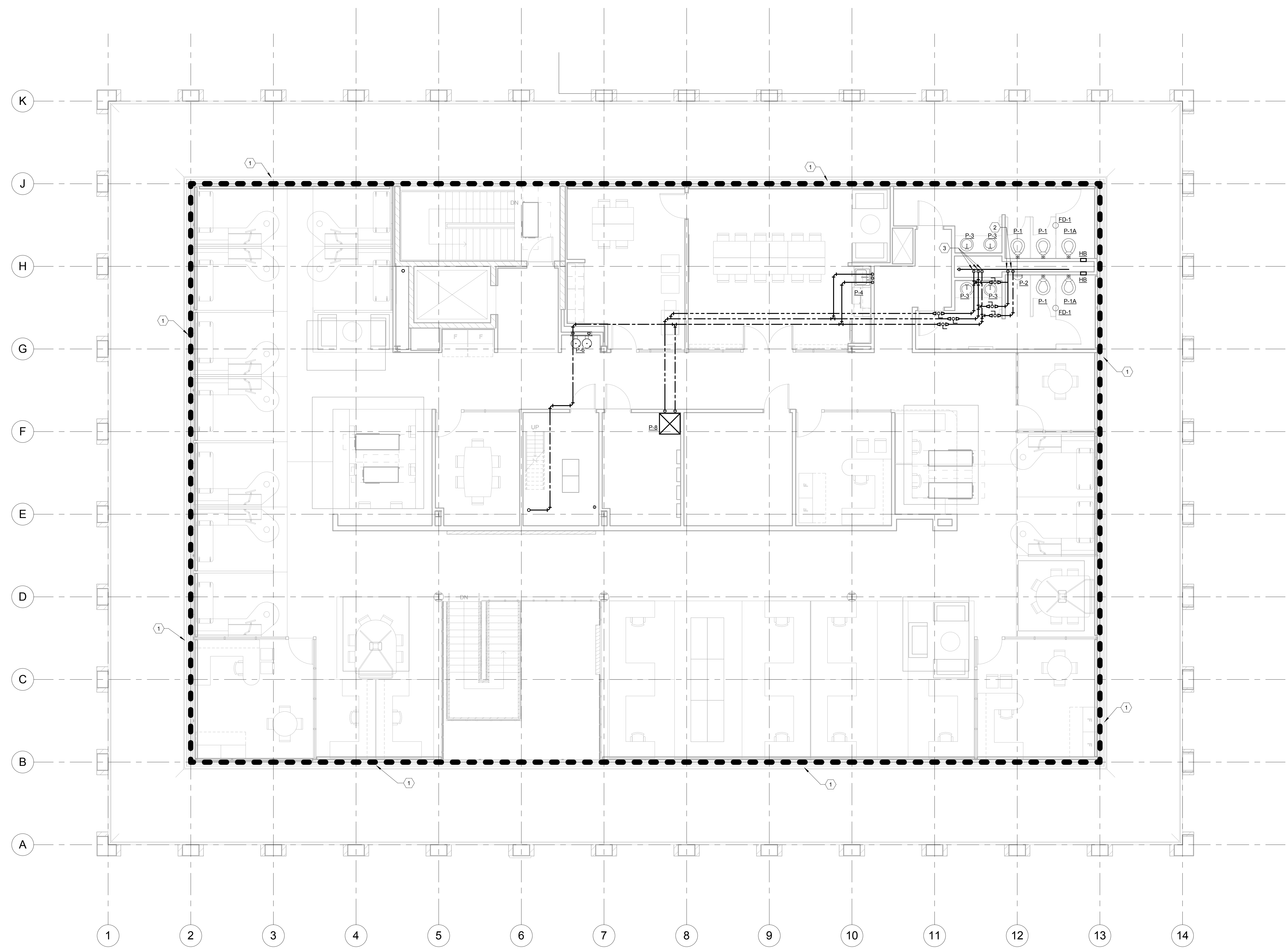


- PLUMBING NEW WORK - FIRST FLOOR TAGGED NOTES**
- 1 THE ENTIRE OULINED AREA SHALL BE PROTECTED WITH A 100% "WET" TYPE SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH NFPA 13. PROVIDE EXTENDED COVERAGE, SIDEWALL, AND FREEZE PROOF HEADS AS REQUIRED. NOTE THAT SPRINKLER MAINS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SPRINKLER CONTRACTOR SHALL INSTALL SPRINKLER PIPING SO AS TO NOT INTERFERE WITH HVAC, PLUMBING, AND ELECTRICAL EQUIPMENT. MAINTENANCE/SERVICE, AND ARCHITECTURAL FINISH CLEARANCES.
 - 2 DOMESTIC WATER PIPING DOWN IN CHASE TO PLUMBING FIXTURES.
 - 3 DOMESTIC WATER PIPING UP TO SECOND FLOOR AND DOWN TO BASEMENT.

PLUMBING NEW WORK - FIRST FLOOR
 PLAN
 3/16" = 1'-0"

REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		RECORD DATE	DRAWING NO.
3		JULY 2013	PLUMBING NEW WORK - FIRST FLOOR PLAN
4		DRAWN BY	P3.1
5		MCW	COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET
6		CHECKED BY	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
7		CMR	FRANKFORT, KENTUCKY
8		A & E FILE NO.	REVIEWED
9		1302.00	DNV. OF ENGR.
		JULY 2013	ENGR. FILE NO.
		AGENCY	DATE
		AUTHORIZED AGENT	APPROVED FOR PROGRAM CONCEPT ONLY
		DIVISION OF ENGINEERING	DATE

- PLUMBING NEW WORK - SECOND FLOOR TAGGED NOTES**
- 1 THE ENTIRE OULINED AREA SHALL BE PROTECTED WITH A 100% "WET" TYPE SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH NFPA 13. PROVIDE EXTENDED COVERAGE, SIDEWALL, AND FREEZE PROOF HEADS AS REQUIRED. NOTE THAT SPRINKLER MAINS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SPRINKLER CONTRACTOR SHALL INSTALL SPRINKLER PIPING SO AS TO NOT INTERFERE WITH HVAC, PLUMBING, AND ELECTRICAL EQUIPMENT, MAINTENANCE/SERVICE, AND ARCHITECTURAL FINISH CLEARANCES.
 - 2 DOMESTIC WATER PIPING DOWN TO FIXTURES.
 - 3 DOMESTIC WATER PIPING DOWN TO FIRST FLOOR. REFER TO PLUMBING NEW WORK - FIRST FLOOR PLAN FOR CONTINUATION.

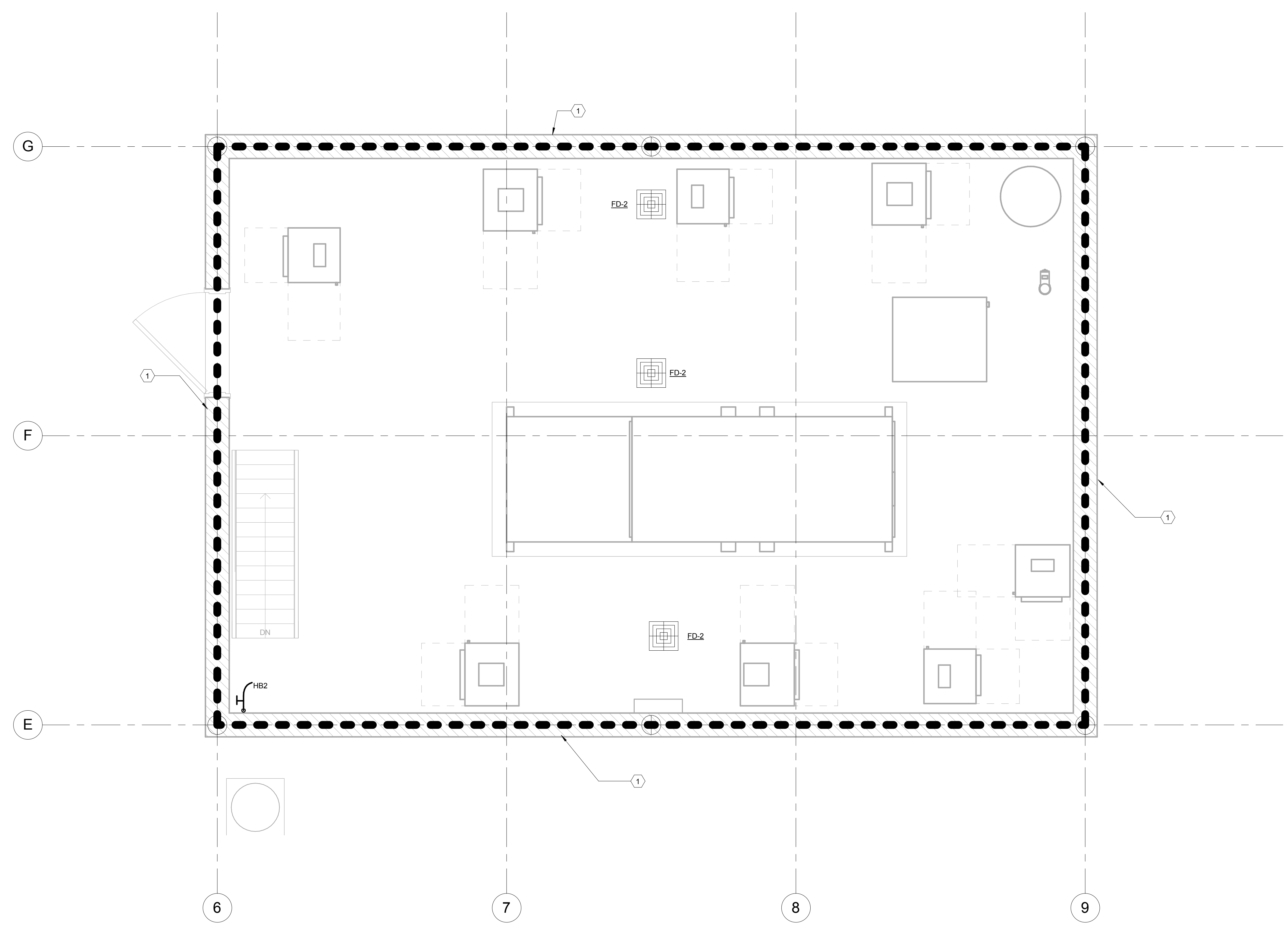


PLUMBING NEW WORK - SECOND FLOOR
 PLAN
 3/16" = 1'-0"

REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2			
3			
4		RECORD DATE	PLUMBING NEW WORK - SECOND FLOOR
5		DRAWN BY	PLAN
6		CHECKED BY	COMMONWEALTH OF KENTUCKY
7		A & E FILE NO	FINANCE AND ADMINISTRATION CABINET
8			DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION
9			DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
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		DIVISION OF ENGINEERING	DIV. OF ENGR.
		APPROVED FOR PROGRAM CONCEPT ONLY	DATE
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PLUMBING NEW WORK - PENTHOUSE TAGGED NOTES

1 THE ENTIRE OULINED AREA SHALL BE PROTECTED WITH A 100% "WET" TYPE SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH NFPA 13. PROVIDE EXTENDED COVERAGE, SIDEWALL, AND FREEZE PROOF HEADS AS REQUIRED. NOTE THAT SPRINKLER MAINS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SPRINKLER CONTRACTOR SHALL INSTALL SPRINKLER PIPING SO AS TO NOT INTERFERE WITH HVAC, PLUMBING, AND ELECTRICAL EQUIPMENT, MAINTENANCE/SERVICE, AND ARCHITECTURAL FINISH CLEARANCES.



PLUMBING NEW WORK - PENTHOUSE
PLAN
1/2" = 1'-0"

REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		RECORD DATE	DRAWING NO.
3		JULY 2013	P3.3
4		DRAWN BY	COMMONWEALTH OF KENTUCKY
5		MCW	FINANCE AND ADMINISTRATION CABINET
6		CHECKED BY	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION
7		CMR	DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
8		A & E FILE NO.	FRANKFORT, KENTUCKY
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		JULY 2013	DIV. OF ENGR.
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		AUTHORIZED AGENT	APPROVED FOR PROGRAM CONCEPT ONLY
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			APPROVED FOR PROGRAM CONCEPT ONLY

WATER HEATER SCHEDULE (AS-BUILT)							
MARK	MANUFACTURER MODEL	SERVICE	STORAGE (GAL)	RECOVERY GPH @ 100°F RISE	KW	ELECTRICAL (VOLT/PH)	REMARKS
WH-1							

REMARKS:

PLUMBING PUMP SCHEDULE (AS-BUILT)							
MARK	MANUFACTURER MODEL	SERVICE	HP	HEAD LOSS (FT)	GPM	ELECTRICAL (VOLT/Ø)	REMARKS
RP-1		BUILDING RECIRC.					
P-1		STORM SUMP PUMP					
P-2		SEWER SUMP PUMP					

REMARKS:

- PUMP IS CONTROLLED BY BUILDING AUTOMATION SYSTEM.
- EQUALS INCLUDES GRUNDFOS, ARMSTRONG AND THRUSSH.
- BRONZE CONSTRUCTION AND LEAD FREE, FOR DOMESTIC WATER USE.

WATER HEATER SCHEDULE							
MARK	MANUFACTURER MODEL	SERVICE	STORAGE (GAL)	RECOVERY GPH @ 100°F RISE	KW	ELECTRICAL (VOLT/PH)	REMARKS
WH-1	A.O. SMITH - DEN-66	120°F	66	18	4.5	208/3	1, 2, 3

REMARKS:

- SINGLE POINT ELECTRICAL CONNECTION.
- IMMERSION TYPE THERMOSTATS TO CONTROL WATER TEMPERATURE.
- MODULATING STEP CONTROLS SHALL BE PROVIDED FOR THIS WATER HEATER.

PLUMBING PUMP SCHEDULE							
MARK	MANUFACTURER MODEL	SERVICE	HP	HEAD LOSS (FT)	GPM	ELECTRICAL (VOLT/Ø)	REMARKS
RP-1	BELL & GOSSETT PL-30B	BUILDING RECIRC.	1/12	15	10	115/1	1, 2, 3
P-1	BELL & GOSSETT PL-30B	STORM SUMP PUMP	1/12	15	10	115/1	1, 2, 3
P-2	BELL & GOSSETT PL-30B	SEWER SUMP PUMP	1/12	15	10	115/1	1, 2, 3

REMARKS:

- PUMP IS CONTROLLED BY BUILDING AUTOMATION SYSTEM.
- EQUALS INCLUDES GRUNDFOS, ARMSTRONG AND THRUSSH.
- BRONZE CONSTRUCTION AND LEAD FREE, FOR DOMESTIC WATER USE.

EXPANSION TANKS

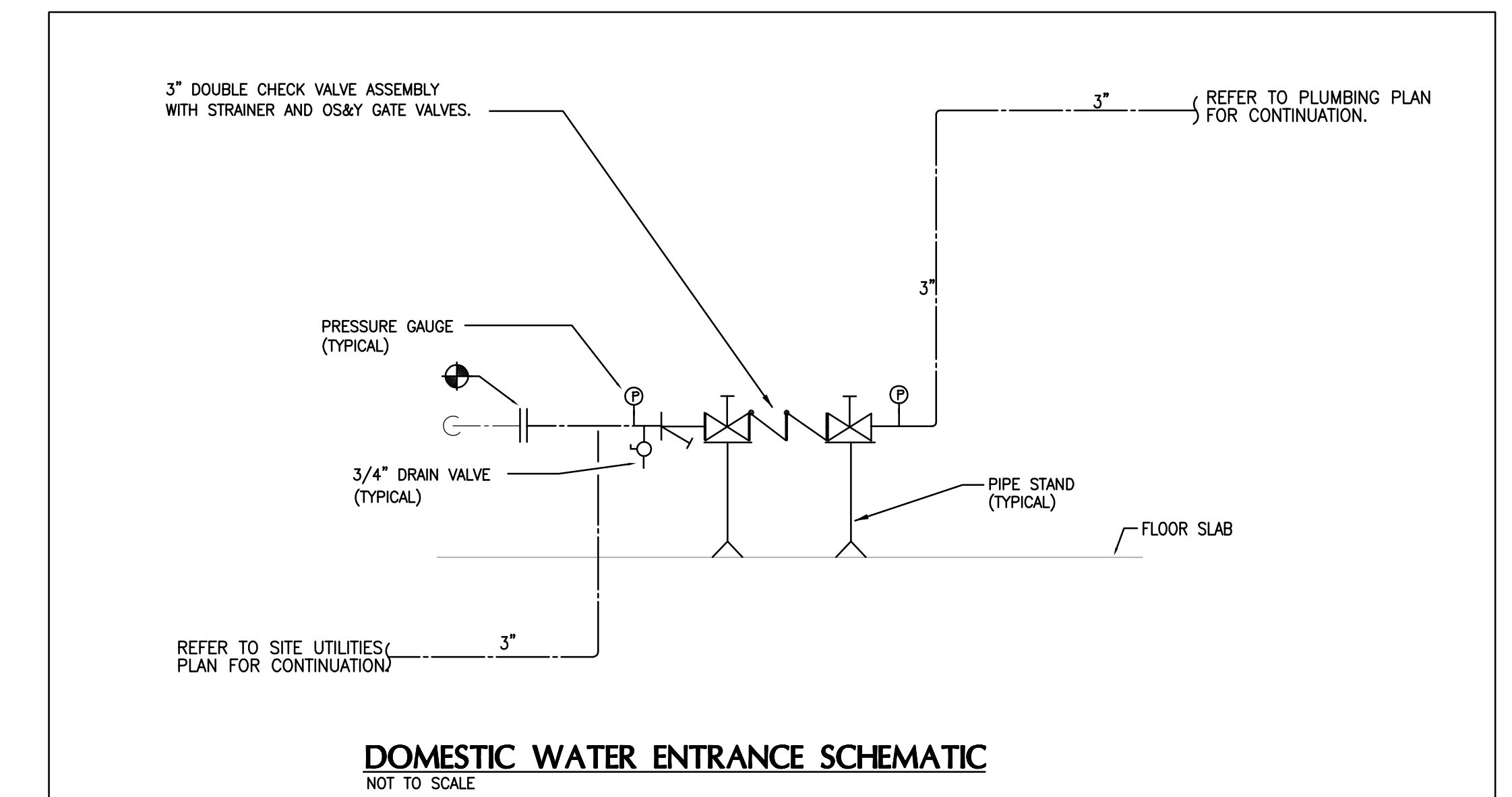
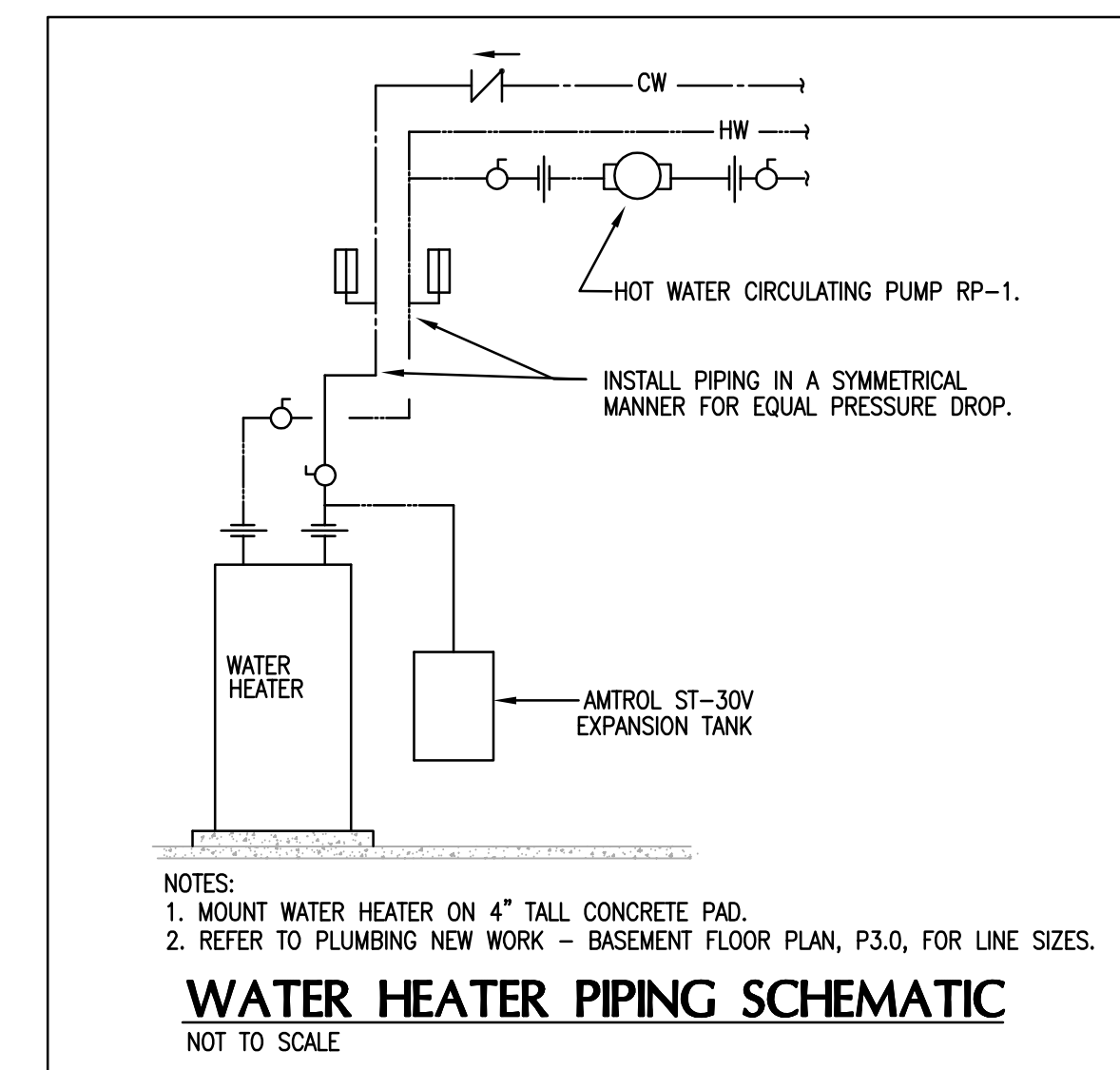
MARK	MANUFACTURER MODEL	SERVICE	VOLUME (GAL)
EX-1	AMTROL ST-25V	WH-1	10.3

PLUMBING FIXTURE SCHEDULE

GENERAL NOTES:

- REFER TO MECHANICAL SPECIFICATIONS FOR ACCEPTABLE MANUFACTURERS.
- PIPE SIZE TYPICAL, UNLESS NOTED OTHERWISE ON RISERS OR PLANS.

MARK	DESCRIPTION	HW	CW	WASTE	VENT	GPF	GPM
P-1	WATER CLOSET - WALL HUNG - BATTERY SENSOR FLUSH VALVE. VITREOUS CHINA WALL HUNG ELONGATED BOWL, SIPHON JET, 1/2" TOP SPUD INLET, CHINA BOLT CAPS AND WHITE OPEN FRONT PLASTIC SEAT WITH SELF-SUSTAINING CHECK HINGES. PROVIDE WITH A BATTERY POWERED, SIDE MOUNT SENSOR OPERATED 1.6 GPF FLUSH VALVE WITH OVERRIDE BUTTON AND CHROME PLATED HOUSING. PROVIDE WALL CARRIER. MOUNT WITH RIM OF BOWL AT 15" AFF.	-	1/2"	4"	2"	1.6	-
P-1A	WATER CLOSET - WALL HUNG - BATTERY SENSOR FLUSH VALVE - ADA COMPLIANT VITREOUS CHINA WALL HUNG ELONGATED BOWL, SIPHON JET, 1/2" TOP SPUD INLET, CHINA BOLT CAPS AND WHITE OPEN FRONT PLASTIC SEAT WITH SELF-SUSTAINING CHECK HINGES. PROVIDE WITH A BATTERY POWERED, SIDE MOUNT SENSOR OPERATED 1.6 GPF FLUSH VALVE WITH OVERRIDE BUTTON AND CHROME PLATED HOUSING. PROVIDE WALL CARRIER. MOUNTED WITH RIM OF BOWL AT 15" AFF. FLUSH VALVE HANDLE SHALL BE A MAXIMUM OF 31" AFF.	-	1/2"	4"	2"	1.6	-
P-2	URINAL - BATTERY POWERED SENSOR FLUSH VALVE - ADA COMPLIANT VITREOUS CHINA SIPHON JET URINAL WITH 1/2" TOP SPUD INLET AND 2" I.P.S. OUTLET. PROVIDE WITH BATTERY POWERED, SIDE MOUNT SENSOR OPERATED 1.0 GPF FLUSH VALVE WITH OVERRIDE BUTTON AND CHROME PLATED HOUSING. PROVIDE WITH FLOOR MOUNTED WALL CARRIER. MOUNT WITH LIP AT 16" AFF.	-	1/2"	2"	2"	1.0	-
P-3	LAVATORY - COUNTERTOP - ADA COMPLIANT VITREOUS CHINA, 19"x16" OVAL COUNTERTOP LAVATORY, SELF-RIMMING WITH FRONT OVERFLOW. PROVIDE WITH A .5 GPM SINGLE LEVER FAUCET, GRID DRAIN, 3/4" ANGLE SUPPLIES WITH STOPS, KENTUCKY CODE P-TRAP, TALPIECE AND ESCUTCHEONS. INSTALL ON THE SUPPLY LINES AND P-TRAP AN INSULATION KIT WITH A VINYL PLASTIC COVERING.	1/2"	1/2"	2"	2"	-	-
P-4	SINGLE COMPARTMENT SINK SINGLE COMPARTMENT STAINLESS STEEL SINK, 19"x21" O.D., 14"x18" I.D., 69" DEEP, 18 GAUGE, WITH 8" CENTERS. PROVIDE WITH 8" RIGID SPOUT GOOSENECK FAUCET WITH 4" WRIST BLADE CONTROL HANDLES, REAR CENTERED CRUMB CUP STRAINER DRAIN, 3/4" ANGLE SUPPLIES WITH STOPS, KENTUCKY CODE P-TRAP, TALPIECE AND ESCUTCHEONS.	1/2"	1/2"	2"	2"	-	-
P-5	DOUBLE COMPARTMENT SINK - W/SINGLE LEVER FAUCET DOUBLE COMPARTMENT STAINLESS STEEL SINK, 20"x37" O.D., 14"x16" I.D., 18 GAUGE, 69" DEEP, REAR FAUCET LEDGE WITH 8" CENTERS. PROVIDE WITH SINGLE LEVER SWING SPOUT FAUCET. PROVIDE WITH CHROME SUPPLIES, STOPS, TALPIECE, KENTUCKY CODE P-TRAP, CRUMB CUP STRAINER DRAINS, CONTINUOUS WASTE AND ESCUTCHEONS.	1/2"	1/2"	2"	2"	-	-
P-6	ELECTRIC WATER COOLER - BI-LEVEL - ADA COMPLIANT BI-LEVEL BARBER FREE WATER COOLER WITH SINGLE COMPRESSOR, WATER SUPPLY, DRAIN AND ELECTRICAL CONNECTION. 8.0 GPM OF 50°F WATER AT 90°F AMBIENT AND HOT INLET WATER, 18.8 GAUGE STAINLESS STEEL BASIN, 5/8" HP COMPRESSOR, 115V/1PH, SURFACE MOUNTED TO THE WALL WITH CHILLER BELOW BOWL AND SIDE AND FRONT PUSH BAR OPERATORS. MOUNT SO THE BOTTOM OF THE LOWER COOLER IS AT 9" MINIMUM AFF WITH A CLEARANCE OF 27" MINIMUM FROM THE BOTTOM OF THE APRON OF THE BOWL TO THE FINISHED FLOOR. THE DIMENSION TO THE CENTERLINE OF THE LOWER COOLER BUBBLER SHALL BE 35". PROVIDE WITH CANE TOUCH APRON ATTACHED TO THE W COOLER.	-	1/2"	2"	2"	-	-
P-7	SHOWER PROVIDE A PRESSURE BALANCING MIXING VALVE WITH COMBINATION INTEGRAL DIVERTER AND VOLUME CONTROL, ADJUSTABLE SCREW TO LIMIT HANDLE TURN, AND A SHOWER HEAD WITH ARM AND FLANGE. PROVIDE ZURN ZN-415 OR EQUAL FLOOR DRAIN WITH TYPE "B" STRAINER.	3/4"	3/4"	2"	2"	-	-
P-7A	SHOWER - ADA COMPLIANT PROVIDE A PRESSURE BALANCING MIXING VALVE WITH COMBINATION INTEGRAL DIVERTER AND VOLUME CONTROL, ADJUSTABLE SCREW TO LIMIT HANDLE TURN, SHOWER HEAD WITH ARM AND FLANGE, AND A WALL/HAND SHOWER WITH FLEXIBLE METAL HOSE AND 30" SLIDE BAR FOR HAND SHOWER MOUNTING. PROVIDE ZURN ZN-415 OR EQUAL FLOOR DRAIN WITH TYPE "B" STRAINER.	3/4"	3/4"	2"	2"	-	-
P-8	MOP BASIN 24"x24"x10" HIGH MOLDED STONE MOP SERVICE BASIN, IN WHITE DRIFT COLOR, 3" DRAIN, SERVICE FAUCET, HOSE AND HOSE BRACKET, AND VINYL BUMPERGUARD. THE DRAIN SHALL BE LOCATED 12" TO THE CENTER. PROVIDE A CHECK VALVE IN THE HOT AND COLD WATER SUPPLIES.	3/4"	3/4"	3"	2"	-	2.5
HB	HOSE BIBB ZURN MODEL Z1350 OR EQUAL ENCASED MODERATE CLIMATE WALL HYDRANT FOR NARROW WALL INSTALLATION. WITH ALL BRONZE BODY, ALL BRONZE INTERIOR PARTS, REPLACEABLE SEAT WASHER, LOOSE KEY OPERATED CONTROL VALVE, VACUUM BREAKER AND 3/4" MALE HOSE CONNECTION. ADJUSTABLE STAINLESS STEEL BOX FURNISHED WITH HINGED COVER CYLINDER LOCK AND "WATER" STAMPED ON THE COVER. MOUNTED WITH HOSE CONNECTION AT 18" ABOVE FINISHED FLOOR ELEVATION OF AREA SERVED.	-	1/2"	-	-	-	-
HB2	HOSE BIBB (EXPOSED) WOODFORD MODEL 24 OR EQUAL WITH LOOSE KEY HANDLE POLISHED CHROME FINISH, BRASS CONSTRUCTION. MOUNT HOSE BIBB 18" ABOVE FINISHED FLOOR ELEVATION OF AREA SERVED. REFER TO MECHANICAL SPECIFICATION FOR ADDITIONAL REQUIREMENTS.	-	1/2"	-	-	-	-
FD-1	FLOOR DRAIN - 6" DIA. ZURN, ZN-415 OR EQUAL FLOOR DRAIN WITH 6" DIAMETER TOP, TYPE "B" NICKEL BRONZE STRAINER, 4" DRAIN OUTLET AND TRAP PRIMER CONNECTION.	-	-	4"	2"	-	-
FD-2	FLOOR DRAIN - 12"x12" ZURN, ZN-610 OR EQUAL FLOOR DRAIN WITH 12"x12" LOCKING GRATE, SECONDARY STRAINER, SEDIMENT BUCKET AND GALVANIZED CAST IRON CONSTRUCTION WITH TRAP PRIMER CONNECTION; NICKEL BRONZE STRAINER, 4" DRAIN OUTLET.	-	-	4"	2"	-	-
FD-3	FLOOR DRAIN - FUNNEL ZURN, ZN-415 OR EQUAL FLOOR DRAIN WITH TYPE "E" STRAINER, WITH COMBINATION FUNNEL GRATE WITH PERIMETER OPENINGS, STRAINER SHALL BE NICKEL BRONZE. 4" DRAIN OUTLET.	-	-	4"	2"	-	-



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1		2760 RESEARCH PARK DRIVE, LEXINGTON, KY 40511	
2		RECORD DATE: JULY 2013	
3		DRAWING BY: MCW	
4		CHECKED BY: CMR	
5		A & E FILE NO: 1302.00	
6		CSG13	
7		JULY 2013	
8		AGENCY AUTHORIZED AGENT: _____ DATE: _____	
9		DIVISION OF ENGINEERING: _____ APPROVED FOR PROGRAM CONCEPT ONLY _____ DATE: _____	

PLUMBING SCHEDULES AND DETAILS

COMMONWEALTH OF KENTUCKY
FINANCE AND ADMINISTRATION CABINET
DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION
DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
FRANKFORT, KENTUCKY

Omni ARCHITECTS


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FILENAME: P:\ARCH\2013\PLUMBING\CSG13-010.DWG
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1		2760 RESEARCH PARK DRIVE, LEXINGTON, KY 40511		
2				
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4		RECORD DATE	JULY 2013	DRAWING NO.
5		PLUMBING RISERS		
6		DRAWN BY	COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET	P-5.0
7		CHECKED BY	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES FRANKFORT, KENTUCKY	
8		A & E FILE NO.	1302.00	REVIEWED
9		CSG13		BY: _____
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DIVISION OF ENGINEERING		APPROVED FOR PROGRAM CONCEPT ONLY	DATE	