

**GENERAL NOTES**

- COORDINATE THE LOCATION OF DRAINS, GAS OUTLETS, ETC., WITH ALL CASWORK 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 LUL LISTED STANDARD. CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO INSULATED PIPING PENETRATIONS.
- ALL WORK REQUIRING DOWNTIME OF ANY AREA OUTSIDE OF THE COUNCIL 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 AT 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 CEMENTITIOUS 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 OF 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.

WCW	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	CO2	CARBON DIOXIDE
	UNION	CW	DOMESTIC COLD WATER
	PET'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
	PRESSURE SWITCH	LPA	LINE PRESSURE ALARM (MEDICAL GAS AREA ALARM)
	TAMPER SWITCH	MH	MANHOLE
	FLOW SWITCH	MSA	MULTI-SINGLE ALARM (MEDICAL GAS MASTER ALARM)
	SANITARY WASTE PIPING	NTS	NOT TO SCALE
	UNDERSLAB SANITARY WASTE PIPING	NIC	NOT IN CONTRACT
	FORCED MAIN	NO	NORMALLY OPEN
	VENT PIPING	NC	NORMALLY CLOSED
	DOMESTIC COLD WATER PIPING	O, OX	OXYGEN
	DOMESTIC HOT WATER SUPPLY	OD	OUTSIDE DIMENSION
	DOMESTIC RECIRCULATING HOT WATER	OR	OPEN RECEPTACLE
	ROOF LEADER PIPING	ORL	OVERFLOW ROOF LEADER
	OVERFLOW ROOF LEADER PIPING	PRV	PRESSURE REDUCING VALVE (STEAM, WATER, OR GAS)
	EXISTING PIPING OR DUCTWORK (THIN LINE)	PSI	POUNDS PER SQUARE INCH
	ABANDONED EXISTING PIPING (THIN SOLID LINE)	RHW	DOMESTIC RECIRCULATING HOT WATER
	PIPING TEE (TURNED UP/DOWN)	RL	ROOF LEADER
	CLEANOUT IN CEILING SPACE	SCW	SOFT DOMESTIC COLD WATER
	FLOOR CLEANOUT	SR	SANITARY RISER
	EXTERIOR CLEANOUT	TB	THRUST BLOCK
	GAS LINE	TE	TOP ELEVATION
	STORM SEWER PIPING	TP	TRAP PRIMER
	FOUNDATION DRAIN LINE	TYP	TYPICAL
	DOMESTIC WATER LINE	UON	UNLESS OTHERWISE NOTED
	FIRE PROTECTION LINE	V, VAC	VACUUM
	LIMIT OF DEMOLITION	VTR	VENT THRU ROOF
	EXISTING DUCT OR PIPING TO BE REMOVED	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
	MECHANICAL EQUIPMENT DESIGNATOR	OFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
	LIMITED AREA SPRINKLER HEAD	OFDI	OWNER FURNISHED, OWNER INSTALLED
	FLOOR DRAIN DESIGNATOR		
	ROOF DRAIN DESIGNATOR		
	PLUMBING FIXTURE DESIGNATOR		
	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 INTERRUPTIONS 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.

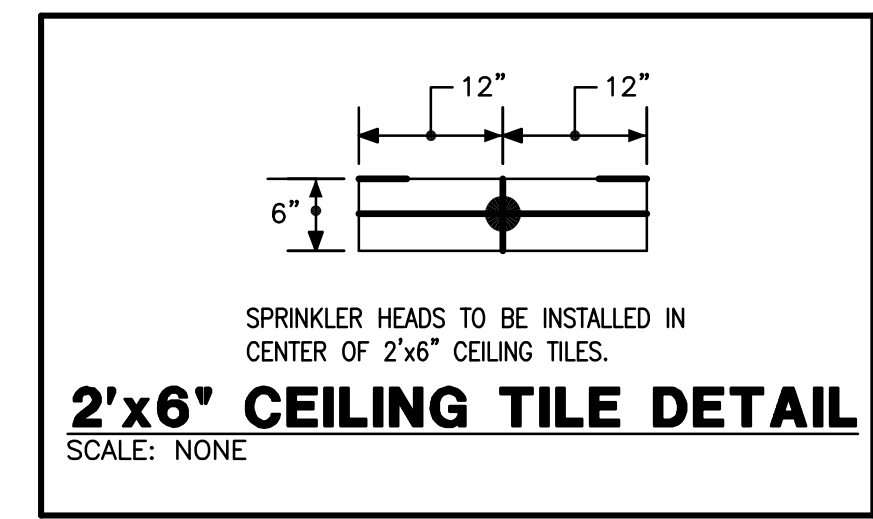
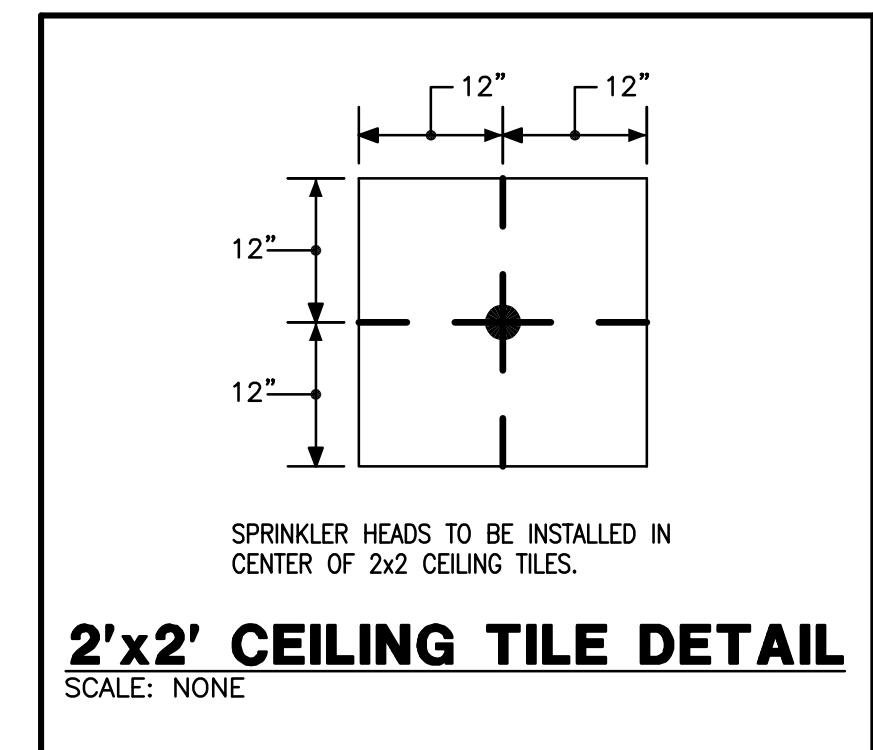
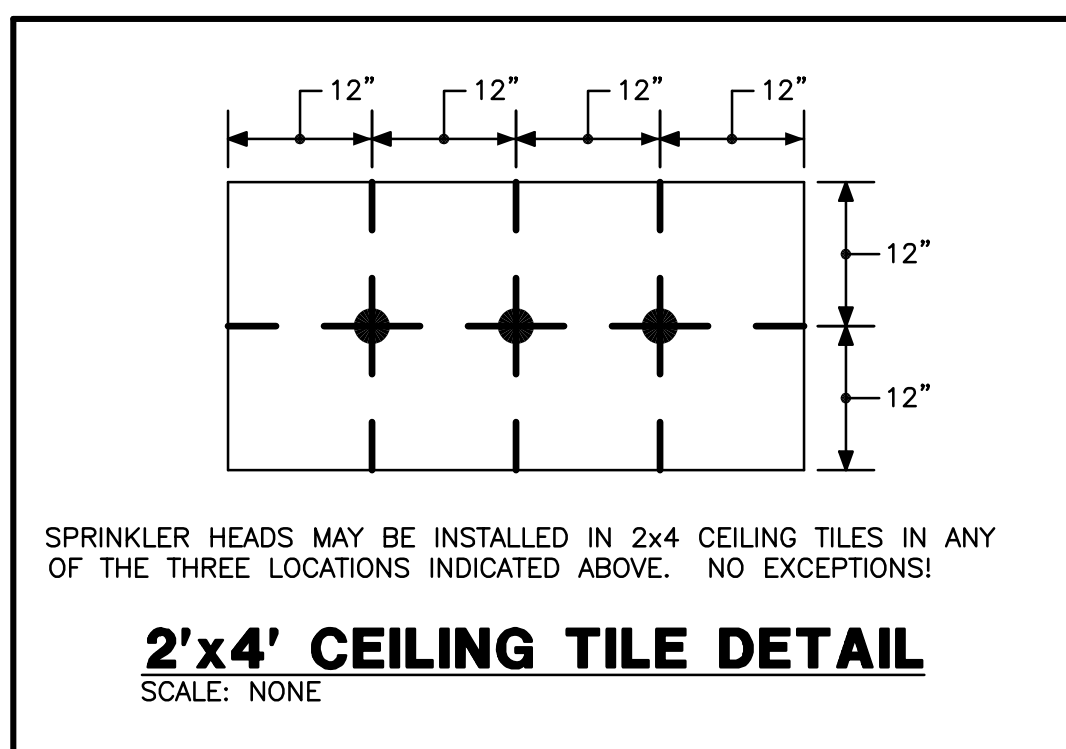
THE CONTRACTOR IS DIRECTED TO THE SPECIFICATIONS FOR FURTHER INFORMATION.

**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.

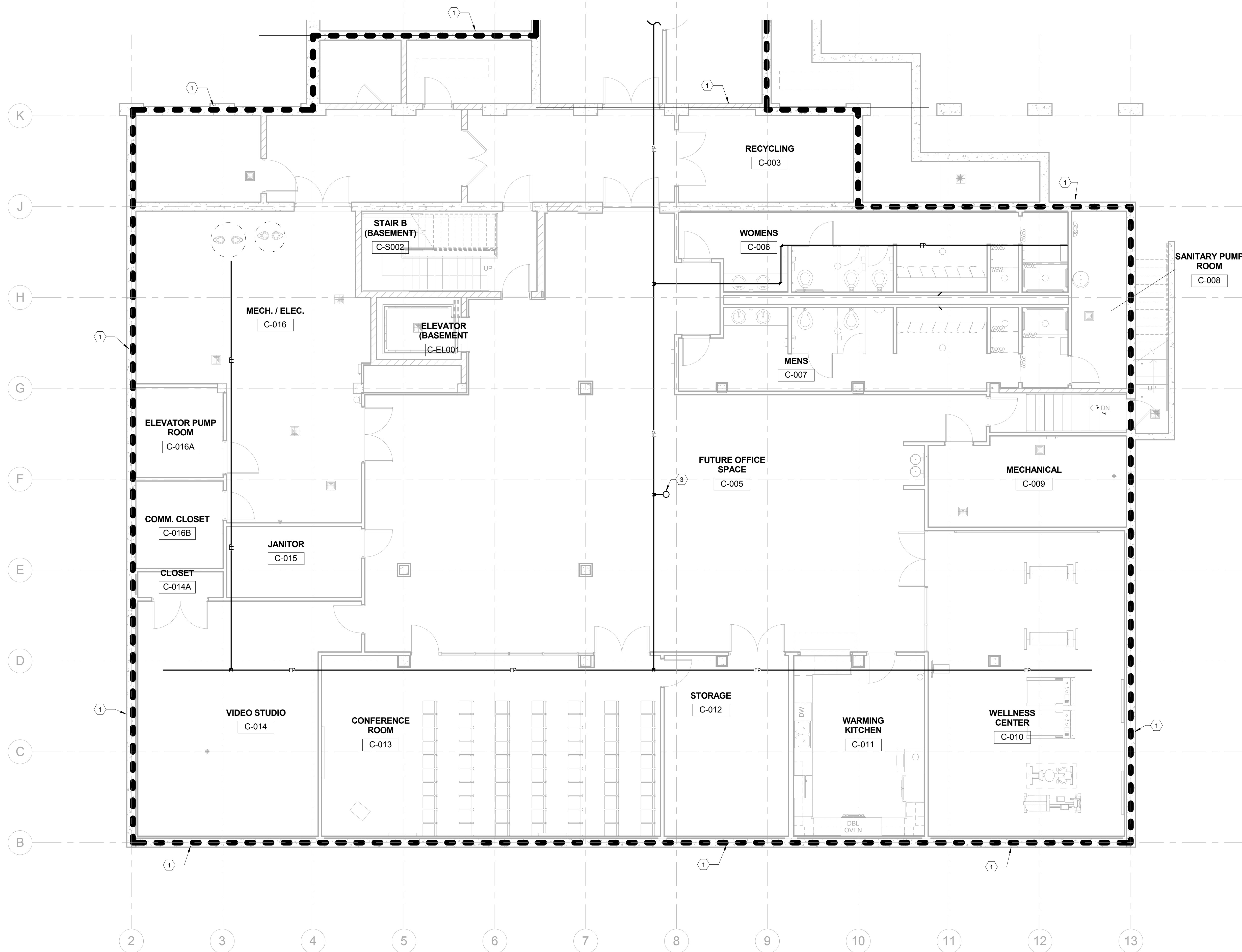
**FLOW DATA**

STATIC PSI: 110  
 RESIDUAL PSI: 80  
 FLOW: 2500 GPM  
 DURATION: 2 MIN  
 DATE & TIME: 07-09-2013 AT 1:45 PM  
 SOURCE OF WATER: KENTUCKY AMERICAN WATER  
 SOURCE OF DATA: KENTUCKY AMERICAN WATER FIRE FLOW TEST REPORT  
 HAZARD: LIGHT & ORDINARY  
 OCCUPANCY OF BUILDING: OFFICE

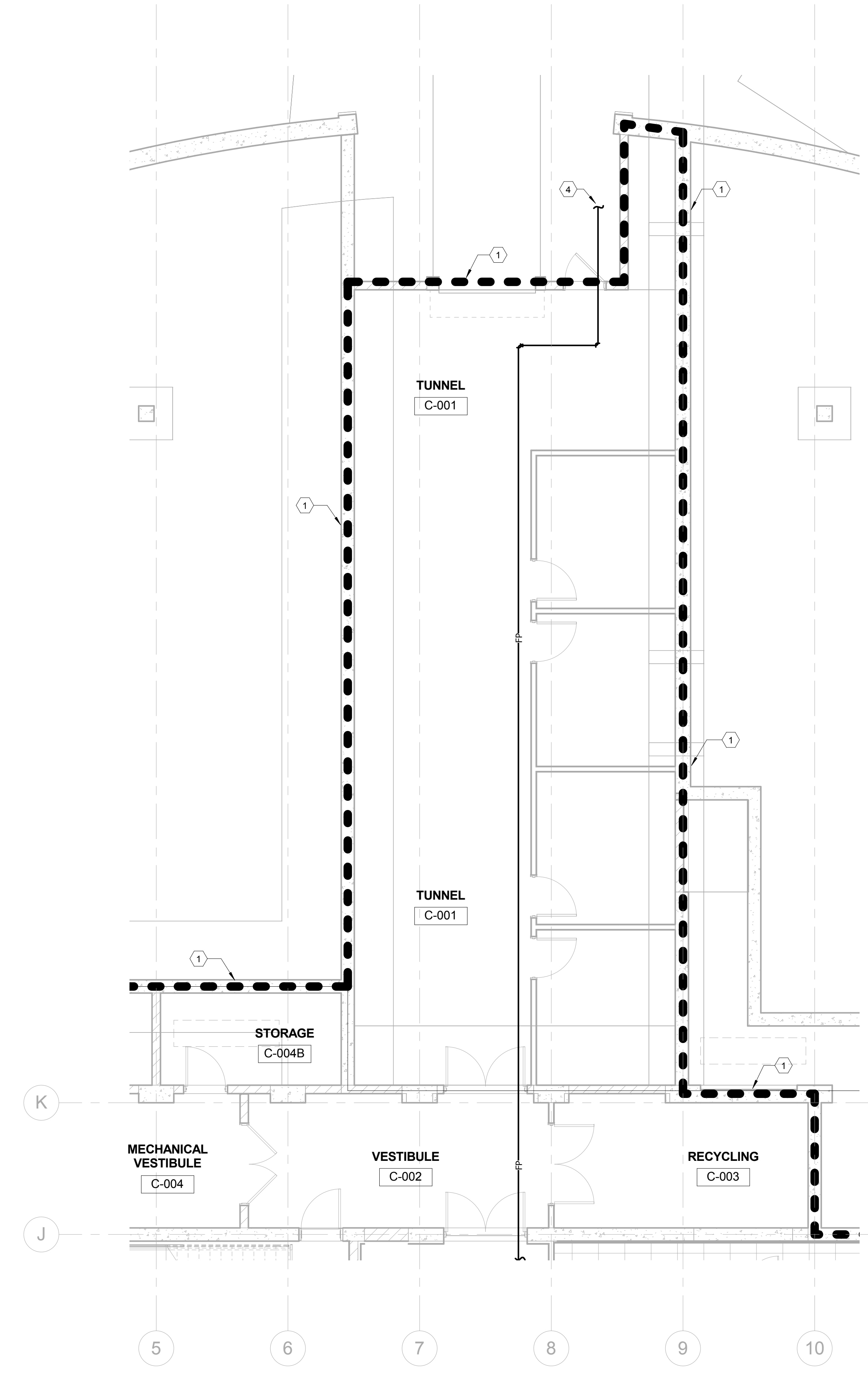


REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		RECORD DATE	NOV. 2013
3		DRAWN BY	CMW
4		CHECKED BY	CMR
5		A & E FILE NO	1302.00
6			CSG13
7			NOV. 2013
8		AGENCY AUTHORIZED AGENT	
9		DIVISION OF ENGINEERING	

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	DNV. OF ENGR.	
ENGR. FILE NO	785-C08R-8101-10	
APPROVED FOR PROGRAM CONCEPT ONLY	DATE	
APPROVED FOR PROGRAM CONCEPT ONLY	DATE	



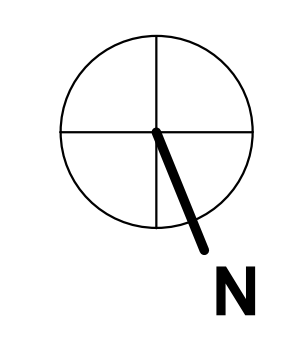
FIRE PROTECTION - BASEMENT FLOOR  
PLAN  
① 3/16" = 1'-0"



FIRE PROTECTION - BASEMENT FLOOR  
PLAN - TUNNEL  
② 3/16" = 1'-0"

FIRE PROTECTION - BASEMENT FLOOR PLAN TAGGED NOTES

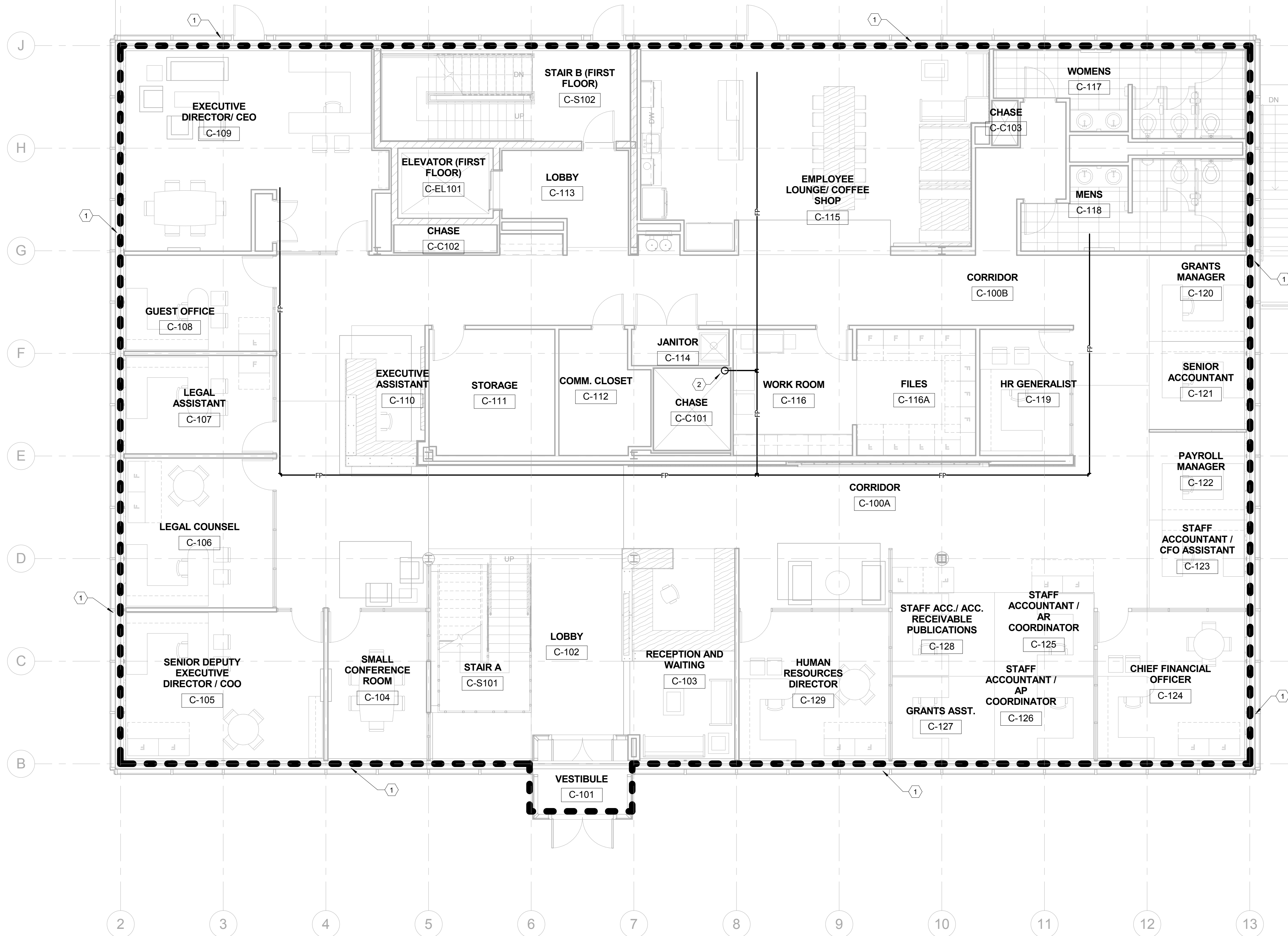
- 1 THE ENTIRE OUTLINED AREA SHALL BE PROTECTED WITH A 100% "WET" TYPE SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH NFPA 13. PROVIDE EXTENDED COVERAGE, SIDEWALL, AND FREEZE PROOF HEADS AS REQUIRED. NOTE THAT SPRINKLER MAINS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SPRINKLER CONTRACTOR SHALL INSTALL SPRINKLER PIPING SO AS TO NOT INTERFERE WITH HVAC, PLUMBING, AND ELECTRICAL EQUIPMENT. MAINTENANCE/SERVICE, AND ARCHITECTURAL FINISH CLEARANCES.
- 2 FIRE PROTECTION PIPING TO TUNNEL. REFER TO BASEMENT FLOOR PLAN - TUNNEL, THIS SHEET, FOR CONTINUATION.
- 3 FIRE PROTECTION PIPING UP IN CHASE TO FIRST FLOOR. REFER TO FIRE PROTECTION - FIRST FLOOR PLAN, SHEET FP1.1, FOR CONTINUATION.
- 4 FIRE PROTECTION PIPING ABOVE CEILING TO FP RISER IN ADJACENT BUILDING.



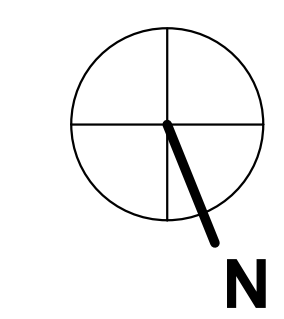
REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	DRAWING NO.
2			
3			
4		RECORD DATE <b>NOV. 2013</b>	<b>FIRE PROTECTION - BASEMENT FLOOR PLAN</b>
5		DRAWN BY <b>MCW</b>	COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET
6		CHECKED BY <b>CMR</b>	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
7		A & E FILE NO.	<b>FP1.0</b>
8		<b>1302.00</b>	FRANKFORT, KENTUCKY
9		<b>NOV. 2013</b>	REVIEWED DNY, OF ENGR.
		AGENCY AUTHORIZED AGENT	DATE
		DIVISION OF ENGINEERING	APPROVED FOR PROGRAM CONCEPT ONLY
			DATE

FIRE PROTECTION - FIRST FLOOR PLAN

- 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 FIRE PROTECTION PIPING UP AND DOWN. REFER TO FIRE PROTECTION - BASEMENT FLOOR PLAN, SHEET FP1.0, AND FIRE PROTECTION - SECOND FLOOR PLAN, SHEET FP1.2, FOR CONTINUATION.

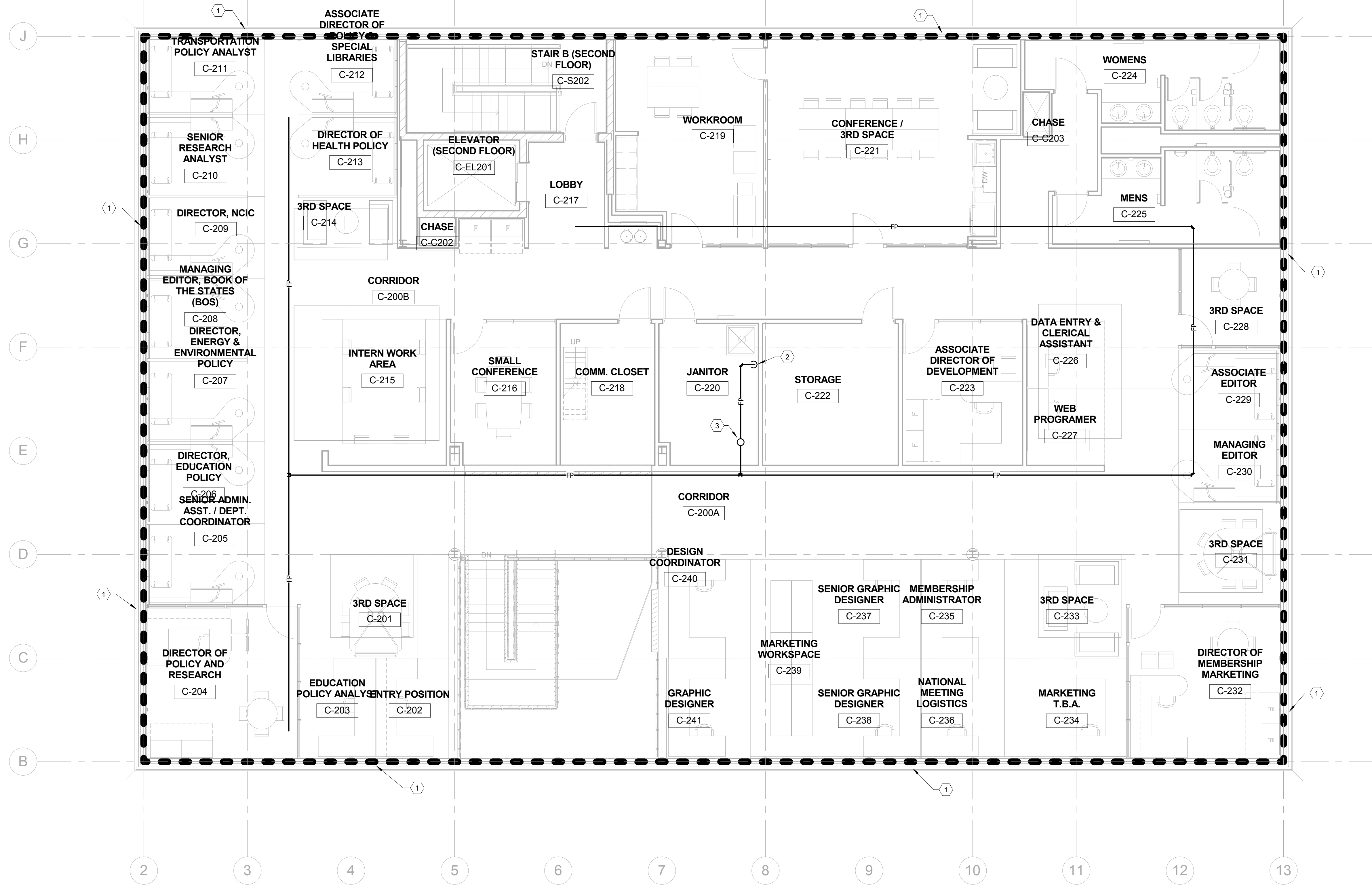


1 FIRE PROTECTION - FIRST FLOOR PLAN  
3/16" = 1'-0"

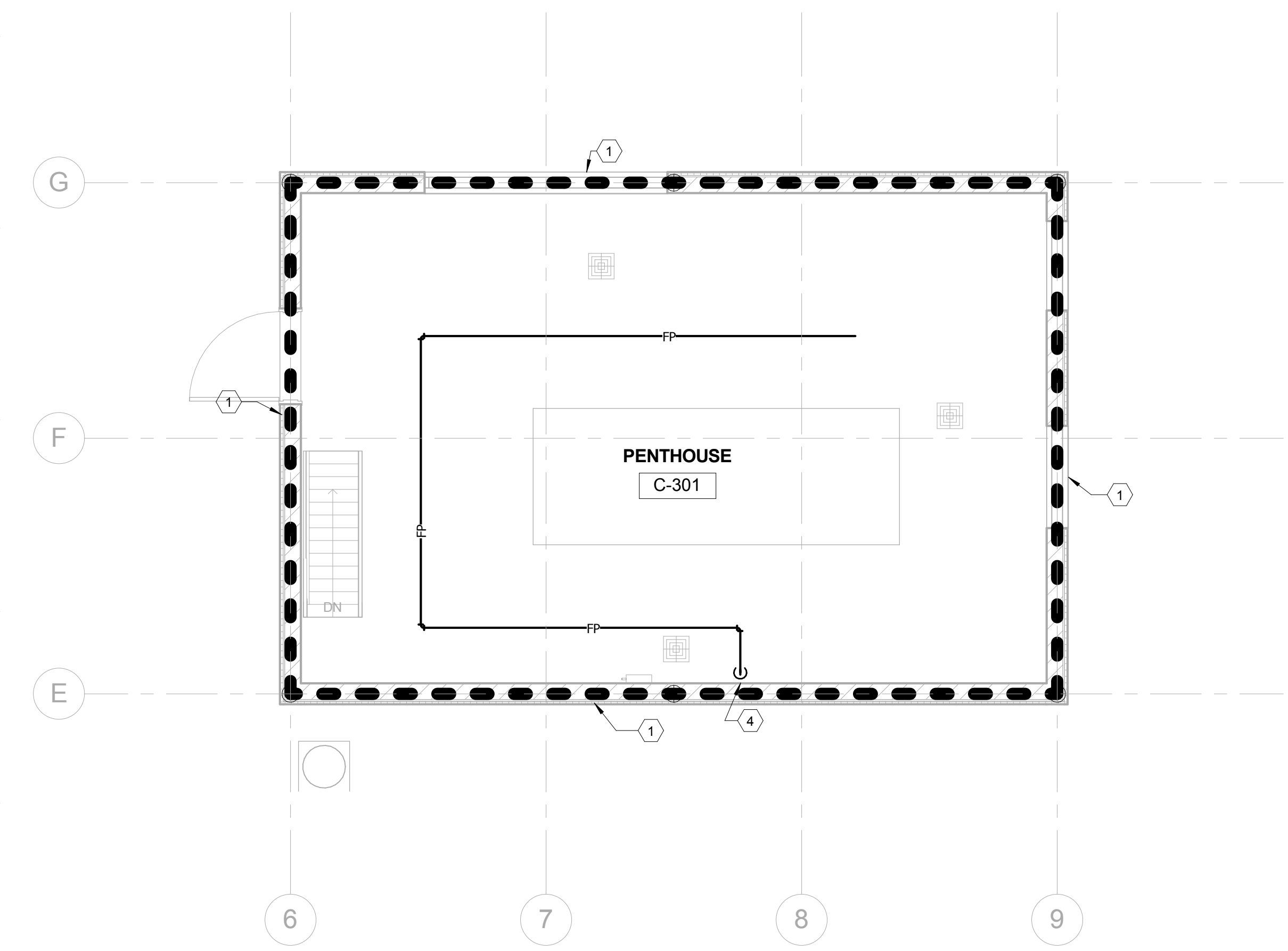


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1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		RECORD DATE	DRAWING NO.
3		<b>NOV. 2013</b>	<b>FIRE PROTECTION - FIRST FLOOR PLAN</b>
4		DRAWN BY	COMMONWEALTH OF KENTUCKY
5		<b>MCW</b>	FINANCE AND ADMINISTRATION CABINET
6		CHECKED BY	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION
7		<b>Checker</b>	DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
8		A & E FILE NO.	FRANKFORT, KENTUCKY
9		<b>1302.00</b>	FRANKFORT, KENTUCKY
		<b>NOV. 2013</b>	<b>FP1.1</b>
		AGENCY AUTHORIZED AGENT	REVIEWED
		DIVISION OF ENGINEERING	DIV. OF ENGR.
		APPROVED FOR PROGRAM CONCEPT ONLY	DATE
		APPROVED FOR PROGRAM CONCEPT ONLY	DATE

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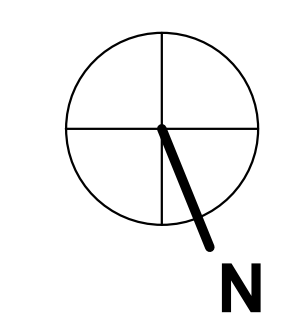


1 FIRE PROTECTION - SECOND FLOOR PLAN  
3/16" = 1'-0"

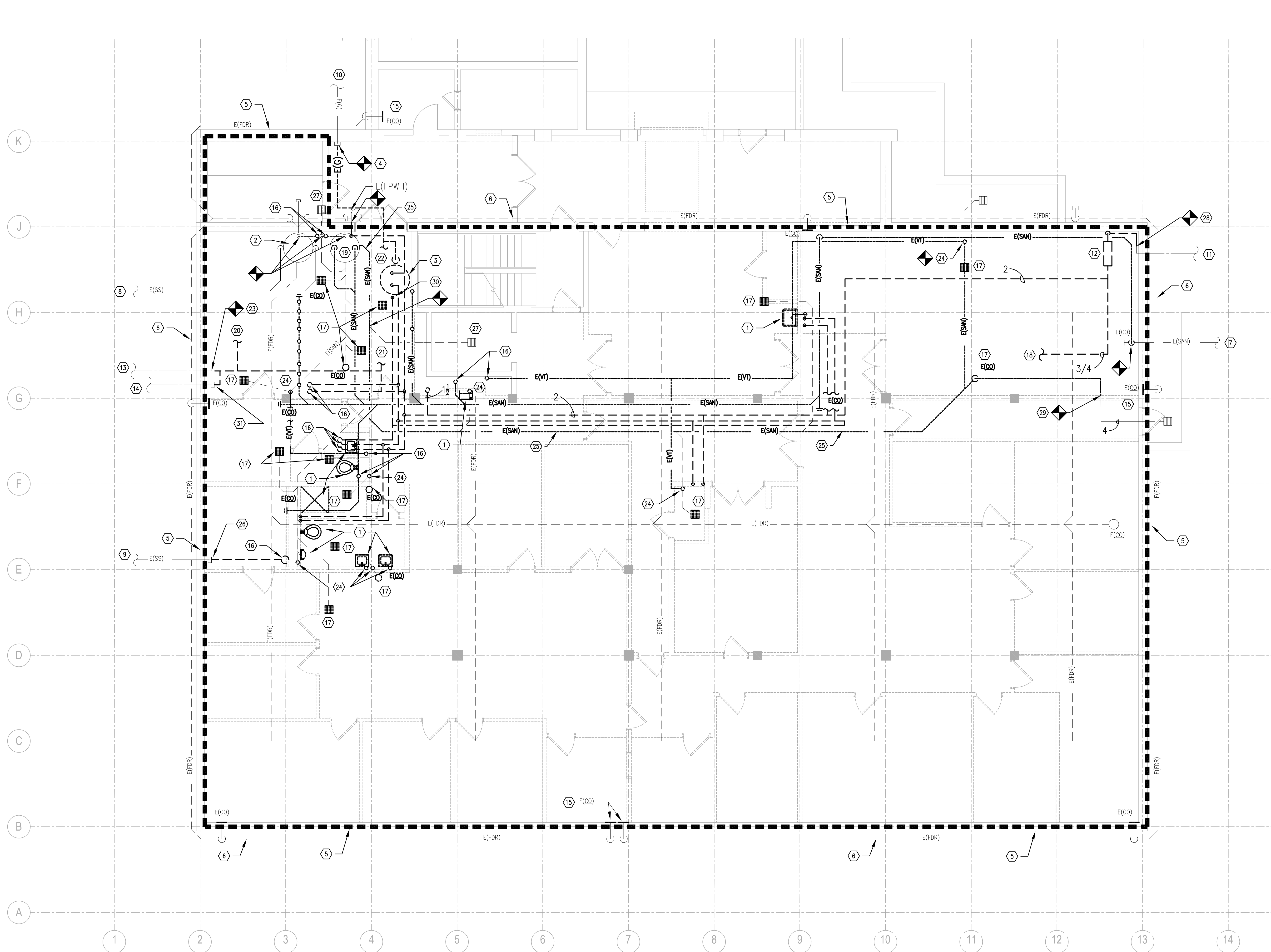


2 FIRE PROTECTION - PENTHOUSE PLAN  
1/4" = 1'-0"

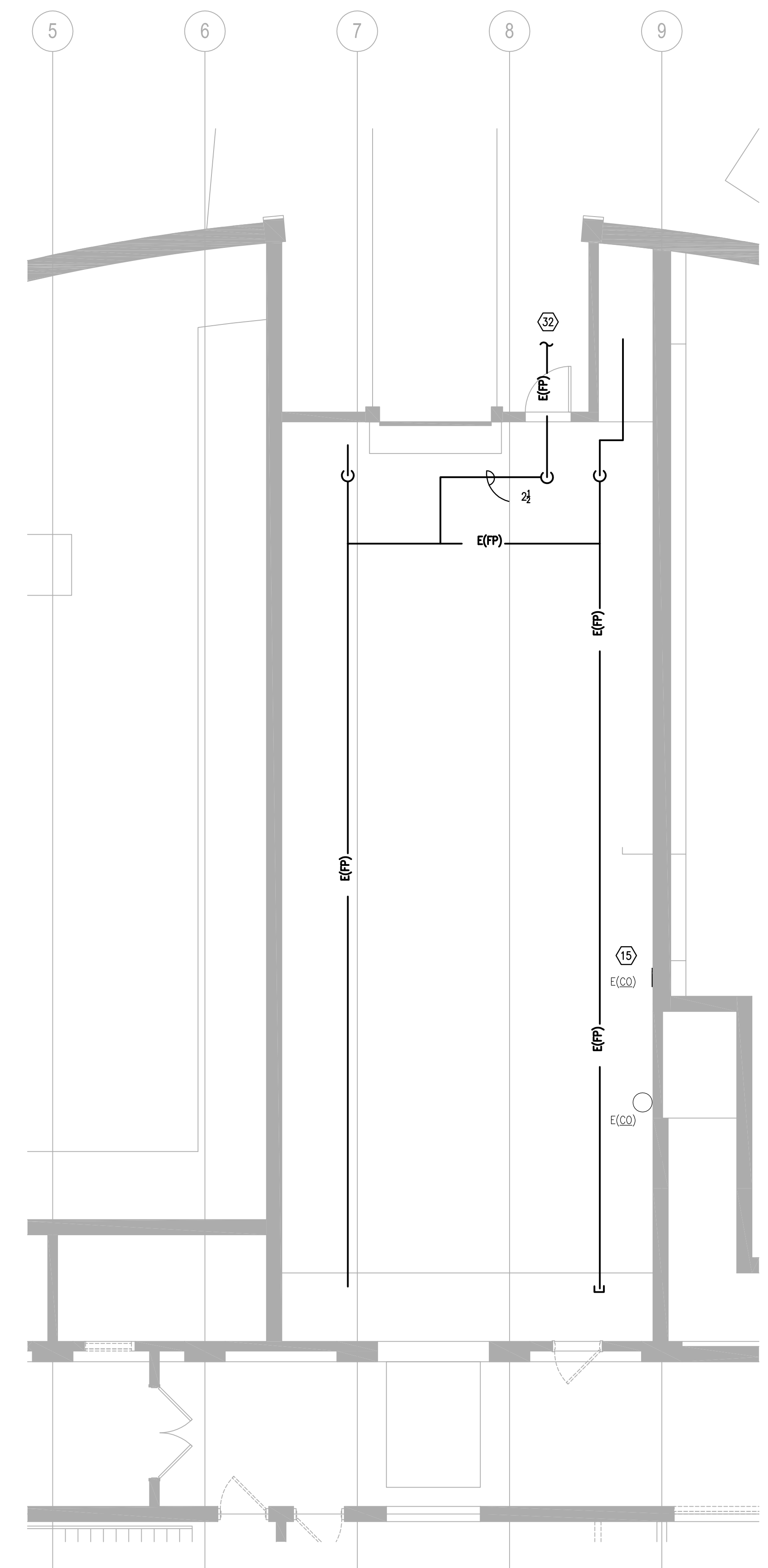
- FIRE PROTECTION - SECOND FLOOR/PENTHOUSE PLAN
- 1 THE ENTIRE OULINED AREA SHALL BE PROTECTED WITH A 100% "WET" TYPE SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH NFPA 13. PROVIDE EXTENDED COVERAGE, SIDEWALL, AND FREEZE PROOF HEADS AS REQUIRED. NOTE THAT SPRINKLER MAINS ARE SHOWN FOR COORDINATION PURPOSES 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 FIRE PROTECTION PIPING DOWN TIGHT TO WALL TO FIRST FLOOR. REFER TO FIRE PROTECTION - FIRST FLOOR PLAN, SHEET FP1.1, FOR CONTINUATION.
  - 3 FIRE PROTECTION PIPING UP TO PENTHOUSE. REFER TO FIRE PROTECTION - PENTHOUSE PLAN, THIS SHEET, FOR CONTINUATION.
  - 4 FIRE PROTECTION PIPING DOWN TO SECOND FLOOR TIGHT TO PENTHOUSE WALL. REFER TO FIRE PROTECTION - SECOND FLOOR PLAN, THIS SHEET, FOR CONTINUATION.



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1			2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2				
3				
4			RECORD DATE	DRAWING NO.
5			NOV. 2013	FIRE PROTECTION - SECOND FLOOR/PENTHOUSE PLAN
6			DRAWN BY	COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES FRANKFORT, KENTUCKY
7			MCW	
8			CHECKED BY	FRANKFORT, KENTUCKY
9			CMR	
A & E FILE NO.			1302.00	REVIEWED
NOV. 2013			NOV. 2013	DIV. OF ENGR.
AGENCY AUTHORIZED AGENT			APPROVED FOR PROGRAM CONCEPT ONLY	DATE
DIVISION OF ENGINEERING			APPROVED FOR PROGRAM CONCEPT ONLY	DATE



1 DEMOLITION BASEMENT FLOOR PLAN  
3/16" = 1'-0"



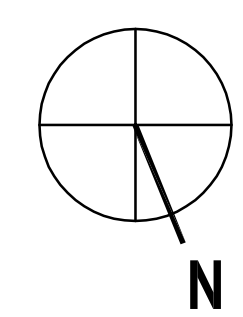
2 DEMOLITION BASEMENT FLOOR PLAN - TUNNEL  
3/16" = 1'-0"

**GENERAL NOTES**

- A. REFER TO ARCHITECTURAL PLANS FOR ALL FLOOR, CEILING, WALL, AND ROOF PATCH AND REPAIR REQUIREMENTS.
- B. ALL CLEANOUTS SHALL BE RAISED OR LOWERED TO MATCH THE ELEVATION OF THE NEW FLOORING.

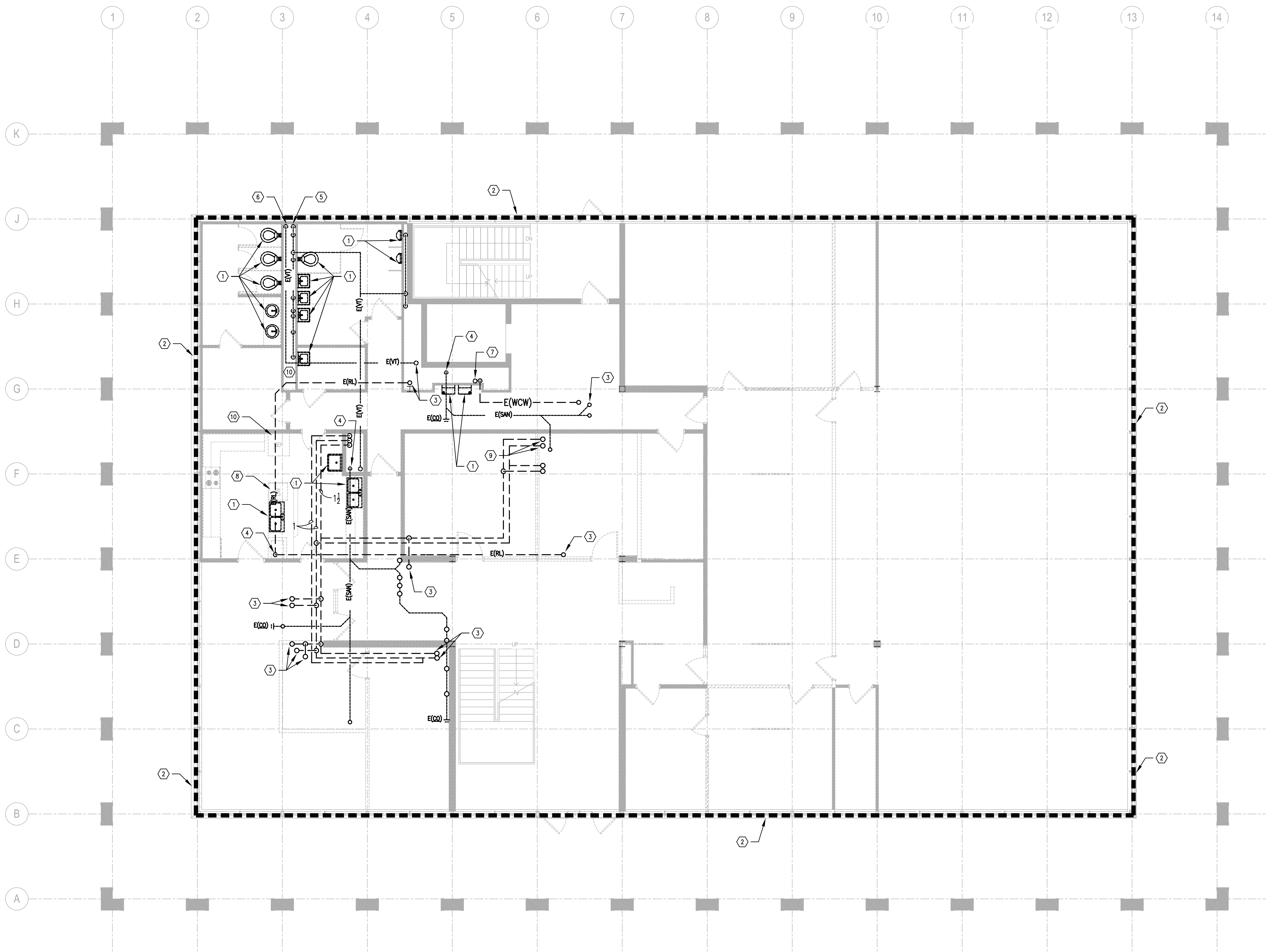
**TAGGED NOTES**

1. REMOVE FIXTURES AND ALL ASSOCIATED PIPING.
2. REPLACE EXISTING STORM SEWER SUMP PUMP. DEMOLISH EXISTING PUMPS AND ALL ASSOCIATED FLOATS, GUIDE RAILS, LIFTING CHAIN, SUMP LID, WIRING, CONTROLS, ETC. EXISTING SUMP BASIN AND ASSOCIATED UNDERSLAB 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 AND FLOOR PENETRATIONS COMPLETELY.
4. DEMOLISH EXISTING GAS PIPING. CAP GAS PIPING TIGHT TO BASEMENT WALL AT THE POINT WHERE GAS ENTERS BASEMENT.
5. UNLESS OTHERWISE NOTED, DEMOLISH ALL SANITARY WASTE AND VENT PIPING, GAS PIPING, ROOF LEADER PIPING, DOMESTIC WATER PIPING AND ALL ASSOCIATED FIXTURES COMPLETELY.
6. FOUNDATION DRAIN TO REMAIN.
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" WATER LINE TO BOV HYDRANTS. REFER TO SITE UTILITY PLAN FOR CONTINUATION.
14. EXISTING 3" WATER LINE TO FOUNTAIN. REFER TO SITE UTILITY PLAN FOR CONTINUATION. CAP PIPING.
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 PER CODE. SAWCUT AND PATCH FLOOR AS REQUIRED. TYPICAL OF ALL EXISTING FLOOR DRAINS AND CLEANOUTS IN BASEMENT.
18. REMOVE EXISTING CW PIPING TO HUMIDIFIER IN EXISTING AIR HANDLING UNIT.
19. EXISTING SANITARY SUMP BASIN TO REMAIN. DEMOLISH EXISTING SEWAGE PUMPS AND ALL ASSOCIATED FLOAT SENSORS, GUIDE RAILS, CONTROLS, WIRING, SUMP LID, ETC. REFER TO PLUMBING NEW WORK - BASEMENT FLOOR PLAN, SHEET P3.0.
20. EXISTING FILL LINE FOR EXISTING CHILLED WATER LOOP.
21. DEMOLISH EXISTING FILL LINE FOR EXISTING HOT WATER LOOP AND ALL ASSOCIATED VALVES, CONTROLS, ETC.
22. DEMOLISH GAS PIPING TO EXISTING BOILER.
23. REFER TO PLUMBING NEW WORK - BASEMENT FLOOR PLAN, SHEET P3.0, FOR BACKFEEDING OF EXISTING WATER LINE TO SITE.
24. DEMOLISH EXISTING SANITARY VENT PIPING DOWN TO UNDERSLAB. CAP BELOW SLAB. SAWCUT AND PATCH FLOOR AS REQUIRED. ABANDON PIPING TO FD IN TUNNEL.
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 ABANDONED SANITARY PIPING UNDER SLAB.
26. CAP STORM PIPING TIGHT TO EXISTING WALL AT THE POINT WHERE STORM PIPING ENTERS BASEMENT.
27. EXISTING FD TO REMAIN.
28. DEMOLISH WATER PIPING TO POINT INDICATED ON DRAWINGS, NO LESS THAN 1 FT FROM THE POINT WHERE PIPING ENTERS BASEMENT. REFER TO PLUMBING NEW WORK - BASEMENT FLOOR PLAN, SHEET P3.0.
29. DEMOLISH DRAIN PIPING TO WALL AS INDICATED. REFER TO PLUMBING NEW WORK - BASEMENT FLOOR PLAN, SHEET P3.0.
30. DEMOLISH EXISTING HWR PIPING DOWN TO RECIRCULATION PUMP, DEMOLISH PUMP AND ALL ASSOCIATED PIPING, CONTROLS, ETC.
31. CAP DOMESTIC CW PIPING TIGHT TO EXISTING WALL AT THE POINT WHERE WATER PIPING ENTERS BASEMENT.
32. DEMOLISH FP PIPING BACK TO FP MAN IN ADJACENT SPRING AREA ABOVE CEILING OF COVERED PARKING AREA. REFER TO FIRE PROTECTION - BASEMENT FLOOR PLAN, SHEET FP1.0.



REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE, LEXINGTON, KY 40511	
2		RECORD DATE	NOV. 2013
3		DRAWN BY	MCW
4		CHECKED BY	CMR
5		A & E FILE NO	1302.00
6		AGENCY	COMMONWEALTH OF KENTUCKY
7		DIVISION OF	FINANCE AND ADMINISTRATION
8		DEPARTMENT OF	ENGINEERING & CONTRACT ADMINISTRATION
9		FRANKFORT, KENTUCKY	DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
		ARCHITECTS	FRANKFORT, KENTUCKY
		212 North Upper Street	LEXINGTON, KENTUCKY 40507-0001
		405.252.6664	405.253.2398
		www.omniarchitects.com	
		APPROVED FOR PROGRAM CONCEPT ONLY	DATE
		APPROVED FOR PROGRAM CONCEPT ONLY	DATE

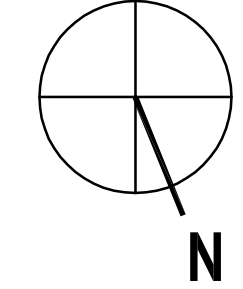
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 PLOT DATE: 11/08/13 10:08:38 AM




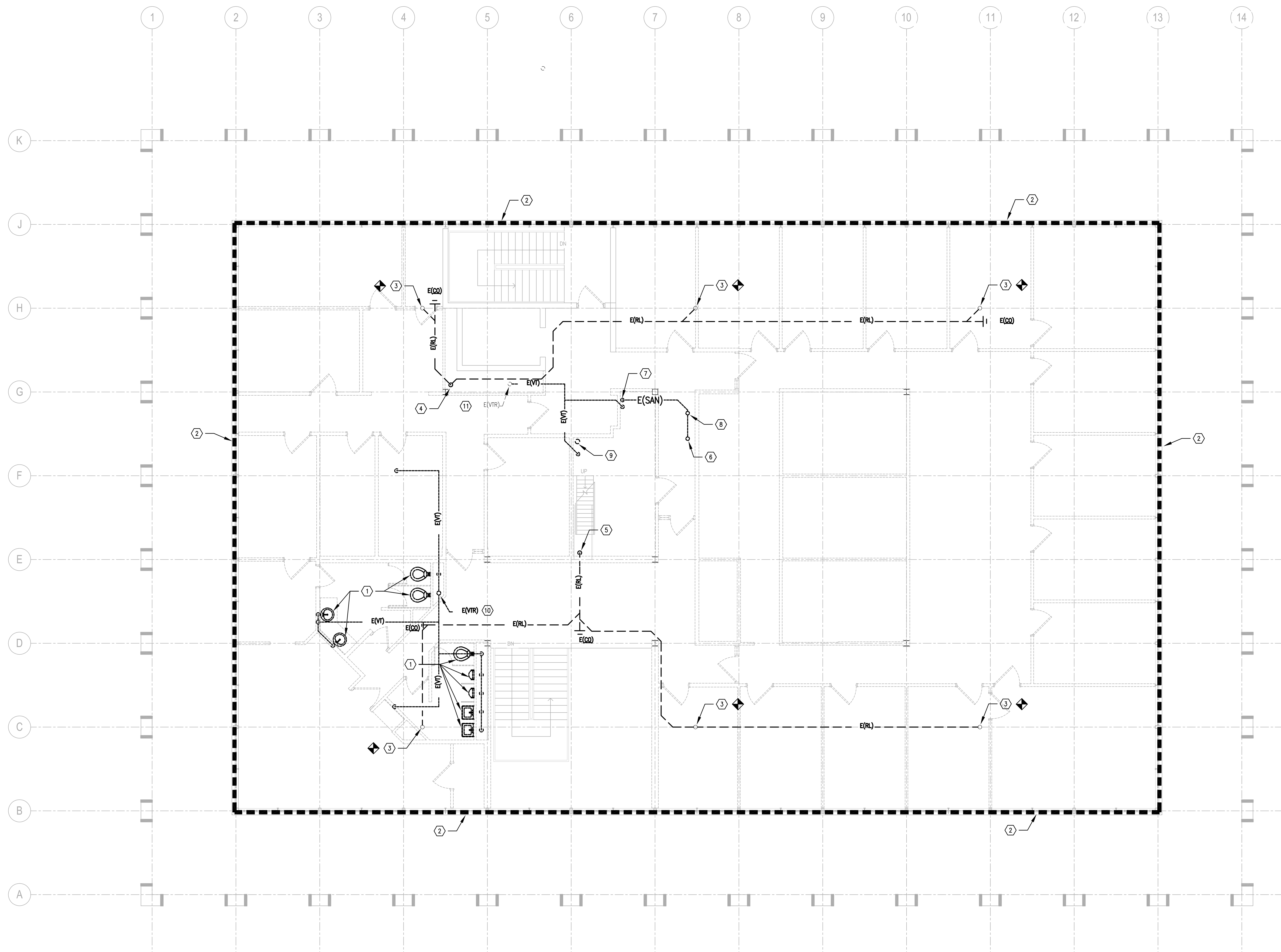
- TAGGED NOTES:**
1. REMOVE EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED PIPING.
  2. DEMOLISH ALL SANITARY WASTE AND VENT PIPING, GAS PIPING, DOMESTIC WATER PIPING AND ALL ASSOCIATED FIXTURES, ROOF LEADER PIPING COMPLETELY. REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR, WALL, AND CEILING PATCH AND REPAIR REQUIREMENTS.
  3. EXISTING PIPING UP TO 2ND FLOOR. REFER TO SECOND FLOOR PLUMBING DEMOLITION PLAN FOR CONTINUATION.
  4. EXISTING PIPING DOWN TO BASEMENT BELOW. REFER TO BASEMENT PLUMBING DEMOLITION PLAN FOR CONTINUATION.
  5. REMOVE 3" EXISTING SEWAGE PUMP VENT PIPING UP TO SECOND FLOOR AND DOWN TO BASEMENT.
  6. REMOVE 3" EXISTING STORM BILGE PUMP VENT PIPING DOWN TO BASEMENT.
  7. REMOVE EXISTING 4" VENT PIPING UP TO SECOND FLOOR AND DOWN TO BASEMENT. REFER TO SECOND FLOOR AND BASEMENT PLUMBING DEMOLITION PLAN FOR CONTINUATION.
  8. REMOVE EXISTING DISHWASHER AND ASSOCIATED DRAIN, PIPING, AIR GAP, ETC. COMPLETELY.
  9. REMOVE HW/CW PIPING UP TO SECOND FLOOR FIXTURE. REFER TO 2ND FLOOR PLUMBING DEMOLITION PLAN FOR CONTINUATION.
  10. REMOVE CW PIPING TO EXISTING REFRIGERATOR BACK TO CW MAIN.

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

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 PLOT BY: JMM  
 DATE: 11/15/13



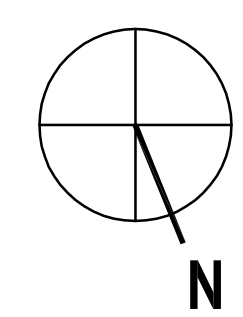
REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE, LEXINGTON, KY 40511	
2		RECORD DATE: <b>NOV. 2013</b>	
3		DRAWING BY: <b>MCW</b>	
4		CHECKED BY: <b>CMR</b>	
5		A & E FILE NO: <b>1302.00</b>	
6		<b>CSG13</b>	
7		<b>NOV. 2013</b>	
8		AGENCY: COMMONWEALTH OF KENTUCKY	
9		DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION	
		DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES	
		FRANKFORT, KENTUCKY	
		DRAWING NO: <b>P-2.1</b>	
		REVIEWED: DNY, OF ENGR.	
		ENGR. FILE NO: 785-088R-8C01-00	
		 212 North Upper Street Lexington, Kentucky 40507-0101 p 606.252.6664 f 606.253.2338 www.omniarchitects.com	
		AGENCY AUTHORIZED AGENT	DATE
		DIVISION OF ENGINEERING	DATE
		APPROVED FOR PROGRAM CONCEPT ONLY	



- TAGGED NOTES:**
1. REMOVE EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED PIPING.
  2. UNLESS OTHERWISE NOTED, DEMOLISH ALL SANITARY WASTE AND VENT PIPING, GAS PIPING, ROOF LEADER PIPING, DOMESTIC WATER PIPING AND ALL ASSOCIATED FIXTURES 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 TO ROOF DRAIN. REFER TO PLUMBING NEW WORK - SECOND FLOOR PLAN, SHEET P3.2 FOR CONTINUATION.
  4. REMOVE 5" EXISTING ROOF LEADER PIPING DOWN IN CHASE TO FIRST FLOOR. REFER TO FIRST FLOOR PLUMBING DEMOLITION PLAN FOR CONTINUATION.
  5. REMOVE 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. DEMOLISH 3" ROOF LEADER PIPING TO THE POINT IT PENETRATES PENTHOUSE FLOOR ABOVE. REFER TO PENTHOUSE PLUMBING DEMOLITION PLAN FOR CONTINUATION.
  6. REMOVE 3" EXISTING SANITARY PIPING TO FLOOR DRAIN OF PENTHOUSE.
  7. REMOVE EXISTING PIPING DOWN TO FIRST FLOOR. REFER TO FIRST FLOOR PLUMBING DEMOLITION PLAN FOR CONTINUATION.
  8. REMOVE 4" EXISTING VENT PIPING UP TO PENTHOUSE. REFER TO PENTHOUSE PLUMBING DEMOLITION PLAN FOR CONTINUATION.
  9. REMOVE EXISTING CW LINE TO HUMIDIFIER IN PENTHOUSE. REFER TO PENTHOUSE PLUMBING DEMOLITION PLAN FOR CONTINUATION.
  10. DEMOLISH EXISTING VENT THRU ROOF. PATCH ROOF COMPLETELY. ENSURE ROOF PATCHING WORK IS CONDUCTED IN A MANNER WHICH MAINTAINS ROOF MANUFACTURER'S WARRANTY.
  11. EXISTING VENT THRU ROOF TO REMAIN. REFER TO PLUMBING NEW WORK - SECOND FLOOR PLAN, SHEET P3.2.

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

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 DATE: 11/15/13



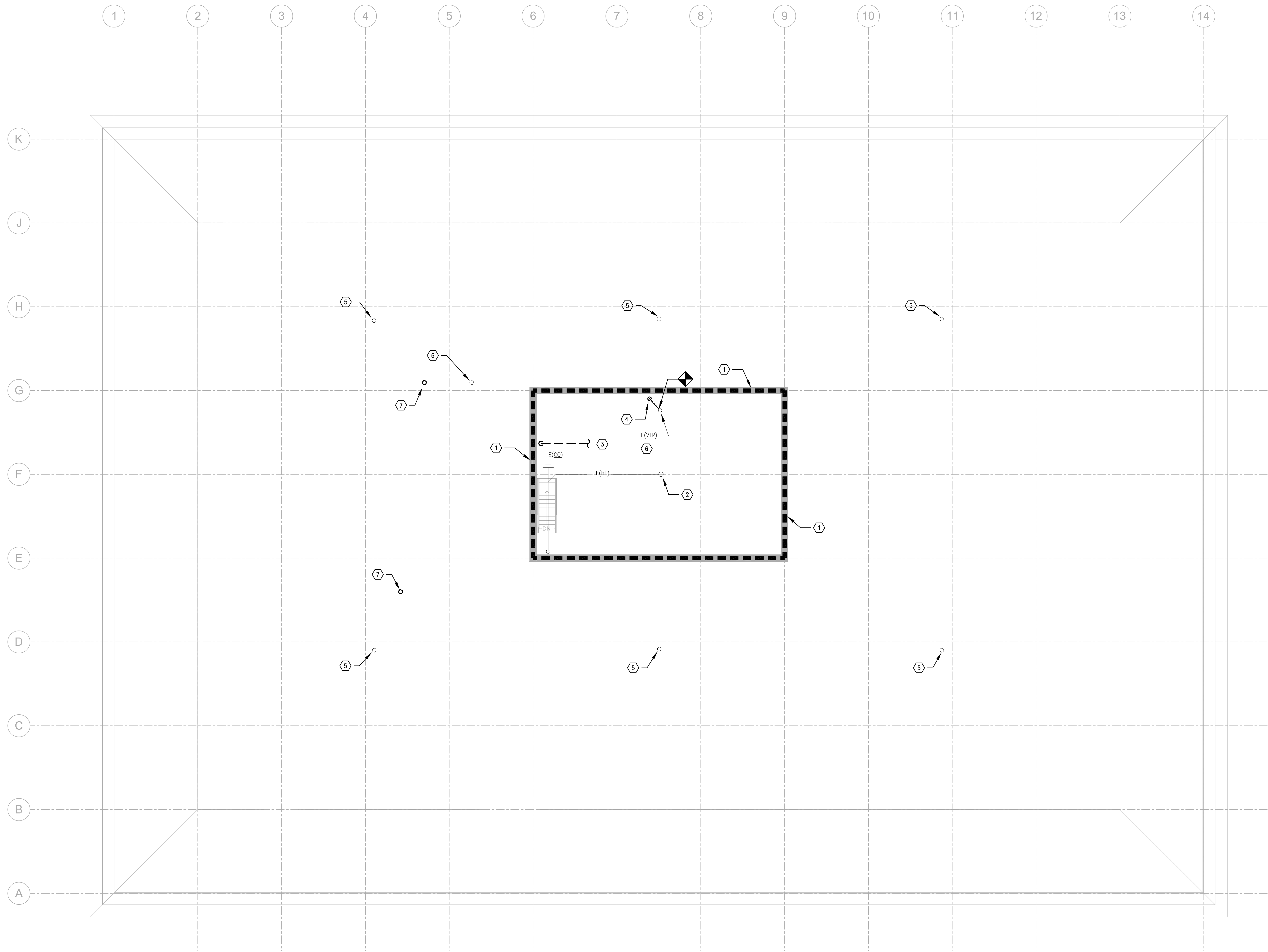
REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE, LEXINGTON, KY 40511	
2			
3			
4	NOV. 2013	RECORD DATE	PLUMBING DEMOLITION - SECOND FLOOR PLAN
5	MCW	DRAWN BY	COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET
6		CHECKED BY	DIVISION OF ENGINEERING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

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DRAWING NO  
**P-2.2**

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DNV, OF ENGR.

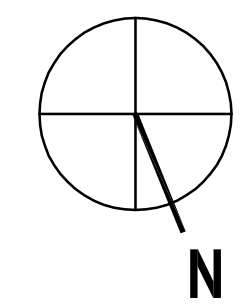
ENGR. FILE NO  
785-088R-8C01-00



- TAGGED NOTES:**
- REFER TO ARCHITECTURAL DRAWINGS FOR CEILING, WALL, AND FLOOR PATCH AND REPAIR REQUIREMENTS.
  - EXISTING ROOF LEADER PIPING UP TO ROOF DRAIN.
  - EXISTING CW FILL LINE TO HUMIDIFIER.
  - EXISTING VENT PIPING DOWN TO 2ND FLOOR. REFER TO SECOND FLOOR PLUMBING DEMOLITION PLAN FOR CONTINUATION.
  - EXISTING ROOF DRAIN TO REMAIN.
  - EXISTING VENT THRU ROOF TO REMAIN.
  - DEMOLISH VENT THRU ROOF. PATCH ROOF COMPLETELY. ROOF PATCH WORK SHALL BE CONDUCTED IN A MANNER THAT MAINTAINS ROOF MANUFACTURER'S WARRANTY.
  - EXISTING MECHANICAL ROOF PENETRATION. REFER TO MECHANICAL DEMOLITION - PENTHOUSE PLAN, SHEET M2.3, FOR DETAILS.

1 PENTHOUSE PLAN  
3/16" = 1'-0"

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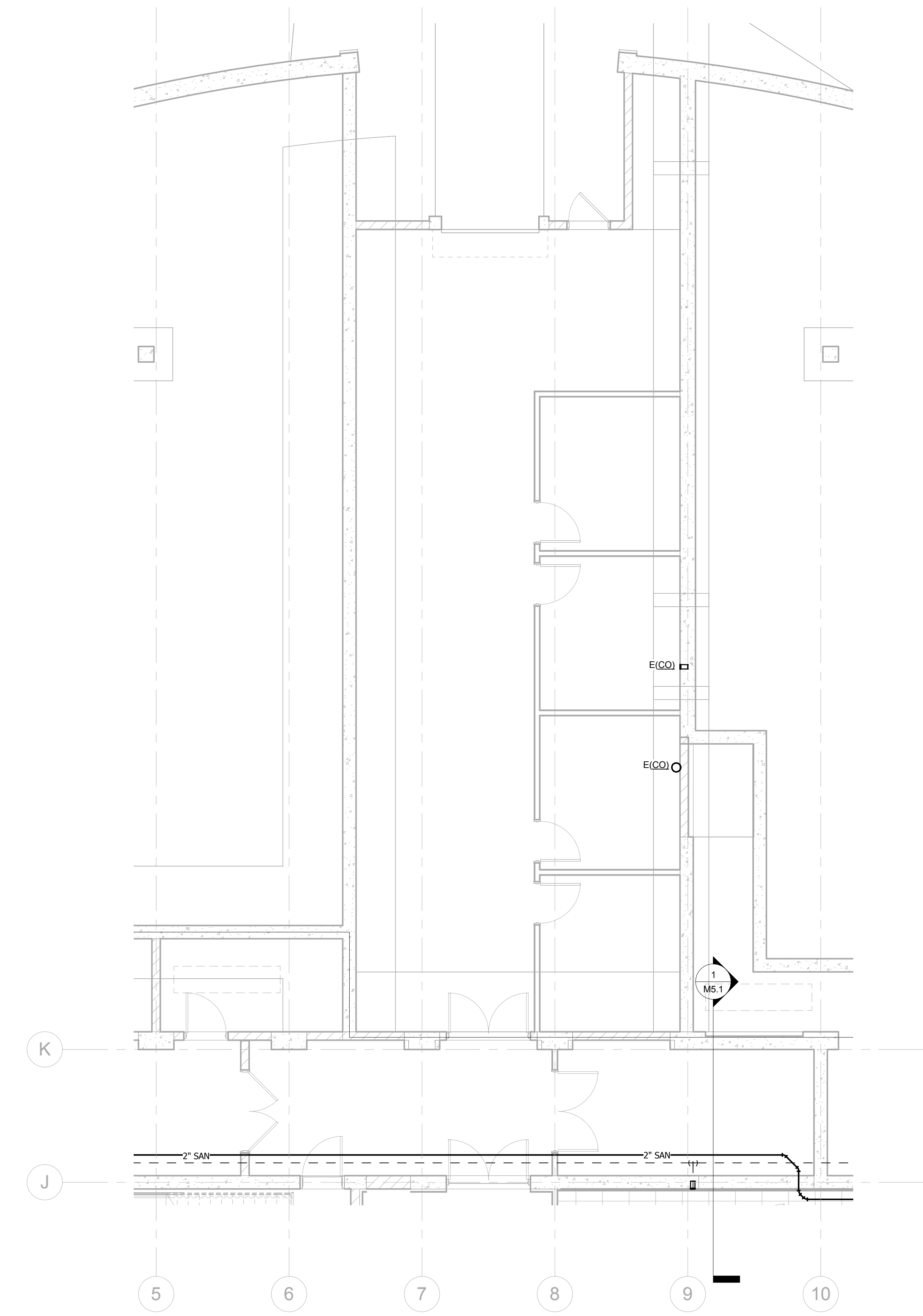
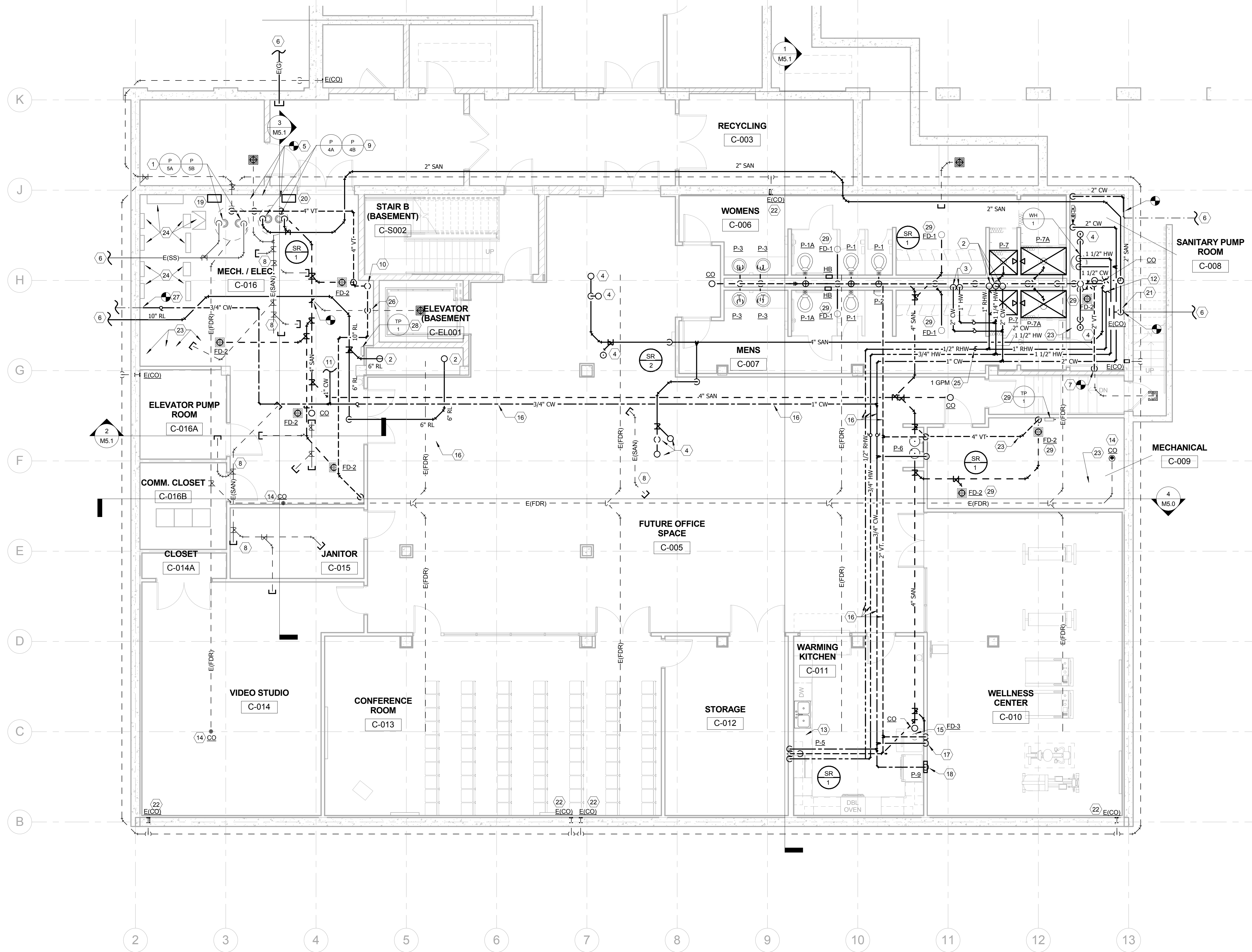


REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE, LEXINGTON, KY 40511	
2			
3			
4	NOV. 2013	RECORD DATE	DRAWING NO.
5		PLUMBING DEMOLITION - PENTHOUSE PLAN	
6		COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET	
7		DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION	
8		DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES	
9		FRANKFORT, KENTUCKY	
		CHECKED BY: <b>CMR</b>	<b>P-2.3</b>
		A & E FILE NO: <b>1302.00</b>	REVIEWED: DNY, OF ENGR.
		<b>CSG13</b>	ENGR. FILE NO: 785-088R-8C01-00
		<b>NOV. 2013</b>	
		AGENCY AUTHORIZED AGENT	DATE
		DIVISION OF ENGINEERING	DATE
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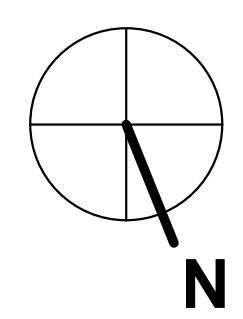
1 PLUMBING NEW WORK - BASEMENT FLOOR PLAN 3/16" = 1'-0"

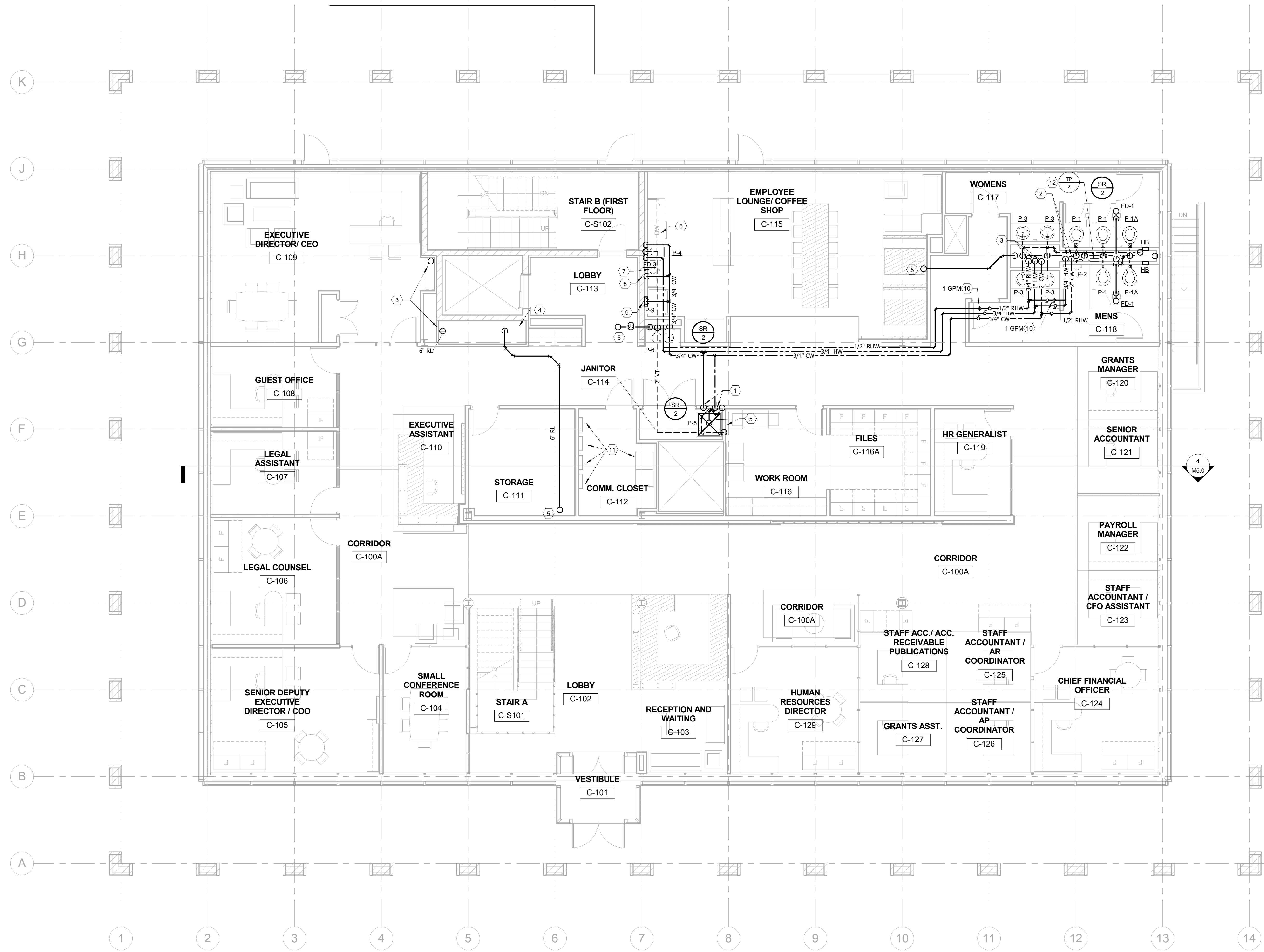
PLUMBING NEW WORK - BASEMENT TAGGED NOTES

- 1 REUSE EXISTING STORM DRAIN BASIN. REFER TO STORM SUMP DETAIL, SHEET P4.0.
- 2 PIPING UP TO FIRST FLOOR. REFER TO FIRST FLOOR PLUMBING PLAN FOR CONTINUATION.
- 3 DOMESTIC WATER PIPING DOWN IN CHASE WITH BRANCH PIPING TO BASEMENT FLOOR FIXTURES PER THE PLUMBING FIXTURE SCHEDULE.
- 4 SANITARY PIPING ABOVE BASEMENT CEILING. DOWN FROM FIRST FLOOR. REFER TO PLUMBING NEW WORK - FIRST FLOOR PLAN FOR CONTINUATION.
- 5 RECONNECT VENT PIPING TO EXISTING SANITARY SUMP, EXISTING STORM SUMP, AND EXISTING FLOOR DRAIN VENT.
- 6 REFER TO SITE UTILITIES PLAN, SHEET U1.0 FOR CONTINUATION.
- 7 CONNECT TO EXISTING DRAIN PIPE AND TURN DOWN TIGHT TO WALL TO UNDER SLAB. SAWCUT AND PATCH FLOOR AS REQUIRED.
- 8 EXISTING SANITARY PIPING CAPPED AND ABANDONED UNDER SLAB.
- 9 REUSE EXISTING BASIN. REFER TO SANITARY SUMP DETAIL, SHEET P4.0.
- 10 PIPING UP. REFER TO PLUMBING NEW WORK - FIRST FLOOR PLAN FOR CONTINUATION, SHEET P4.0.
- 11 FILL LINE TO HYDRONIC SYSTEMS. REFER TO BASEMENT HYDRONIC SYSTEM FILL SCHEMATIC, SHEET M5.1.
- 12 REFER TO PLUMBING SCHEDULES AND DETAILS, WATER HEATER PIPING SCHEMATIC FOR CONTINUATION.
- 13 PROVIDE HOT WATER LINE IN CASEWORK TO DISHWASHER. SIZE PER MANUFACTURER'S REQUIREMENT. CONNECT DISHWASHER DRAIN TO AIR GAP AT SINK.
- 14 PROVIDE NEW CLEANOUT FOR FOUNDATION DRAIN SYSTEM.
- 15 COORDINATE FD LOCATION WITH FINAL ICE MAKER LOCATION, HIDDEN FROM VIEW.
- 16 COORDINATE PIPING INSTALLATION WITH ARCHITECT'S REFLECTIVE CEILING PLAN. INSTALL PIPING CONCEALED OVER CEILING WHERE POSSIBLE. ALL EXPOSED PIPING SHALL BE INSULATED IN A MANNER WHICH ALLOWS EXPOSED PIPING TO BE PAINTED. PAINT ALL EXPOSED PIPING PER ARCHITECTURAL SPECIFICATIONS. TYPICAL.
- 17 PROVIDE 1/2" CW SUPPLY TO ICE MAKER. PROVIDE SHUT-OFF-VALVE IN WALL BOX, WATER FILTER, CHECK VALVE, AND CONNECTION UNION. PIPE DRAIN LINE TO FLOOR DRAIN.
- 18 1/2" CW DOWN IN WALL TO REFRIGERATOR WALL BOX.
- 19 STORM SUMP PUMP CONTROL PANEL.
- 20 SANITARY SUMP PUMP CONTROL PANEL.
- 21 SANITARY PIPING EXITS BUILDING 46" AFF AT POINT INDICATED. MAINTAIN CLEARANCE IN FRONT OF EXISTING CLEANOUT.
- 22 COORDINATE EXISTING FOUNDATION DRAIN CLEANOUT TO MAINTAIN ACCESSIBILITY WITH FURRING OUT OF WALL. REFER TO ARCHITECTURAL PLANS.
- 23 MECHANICAL EQUIPMENT. REFER TO HVAC NEW WORK - BASEMENT FLOOR PLAN, SHEET M3.0. TYPICAL.
- 24 ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS. TYPICAL.
- 25 BALANCE TO GPM INDICATED ON PLANS.
- 26 RECONNECT TO EXISTING FD VENT.
- 27 RECONNECT TO EXISTING WATERLINE TO YARD HYDRANTS.
- 28 PROVIDE ELECTRONIC TRAP PRIMER MANIFOLD PER SPECIFICATIONS. PIPE TO ALL MECHANICAL ROOM C-016 FLOOR DRAINS.
- 29 PROVIDE ELECTRONIC TRAP PRIMER MANIFOLD PER SPECIFICATIONS. PROVIDE PIPING FROM TRAP PRIMER TO FLOOR DRAINS INDICATED BY NOTE IN ROOMS C-009, C-006, C-007, AND C-008.

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

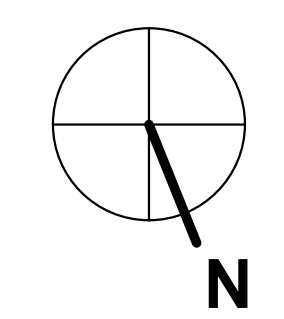
REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		RECORD DATE	NOV. 2013
3		DRAWN BY	MCW
4		CHECKED BY	CMR
5		A & E FILE NO	1302.00
6		AGENCY	COMMONWEALTH OF KENTUCKY
7		DIVISION	FINANCE AND ADMINISTRATION CABINET
8		DEPARTMENT	DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
9		FRANKFORT, KENTUCKY	
		REVIEWED	DIV. OF ENGR.
		APPROVED FOR PROGRAM CONCEPT ONLY	DATE
		APPROVED FOR PROGRAM CONCEPT ONLY	DATE





- PLUMBING NEW WORK - FIRST FLOOR TAGGED NOTES**
- 1 INSTALL CHECK VALVES ON THE HOT AND COLD WATER LINES TO ALL MOP BASINS. CHECK VALVES SHALL BE ACCESSIBLE ABOVE CEILING.
  - 2 DOMESTIC WATER PIPING DOWN IN CHASE WITH BRANCH PIPING TO PLUMBING FIXTURES PER THE PLUMBING FIXTURE SCHEDULE.
  - 3 PIPING UP AND DOWN. REFER TO PLUMBING NEW WORK - BASEMENT FLOOR PLAN, SHEET P3.0, AND PLUMBING NEW WORK - SECOND FLOOR PLAN, SHEET P3.2 FOR CONTINUATION.
  - 4 PIPING DOWN TO BASEMENT. REFER TO PLUMBING NEW WORK - BASEMENT FLOOR PLAN, SHEET P3.0, FOR CONTINUATION.
  - 5 PIPING UP TO SECOND FLOOR. REFER TO PLUMBING NEW WORK - SECOND FLOOR PLAN, SHEET P3.2 FOR CONTINUATION.
  - 6 PROVIDE HOT WATER LINE IN CASEWORK TO DISHWASHER. SIZE PER MANUFACTURER'S REQUIREMENT. CONNECT DISHWASHER DRAIN TO AIR GAP AT SINK.
  - 7 COORDINATE FD LOCATION WITH FINAL ICE MAKER LOCATION.
  - 8 PROVIDE 1/2" CW SUPPLY TO ICE MAKER. PROVIDE SHUT-OFF VALVE IN WALL BOX, WATER FILTER, CHECK VALVE, AND CONNECTION UNION. PIPE ICE MAKER TO FLOOR DRAIN.
  - 9 1/2" CW DOWN IN WALL TO REFRIGERATOR WALL BOX.
  - 10 BALANCE VALVE TO GPM INDICATED ON PLAN.
  - 11 ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS, TYPICAL.
  - 12 PROVIDE TRAP PRIMER IN CHASE PER SPECIFICATIONS AND PIPING TO FLOOR DRAINS IN RESTROOM 117 AND 118.

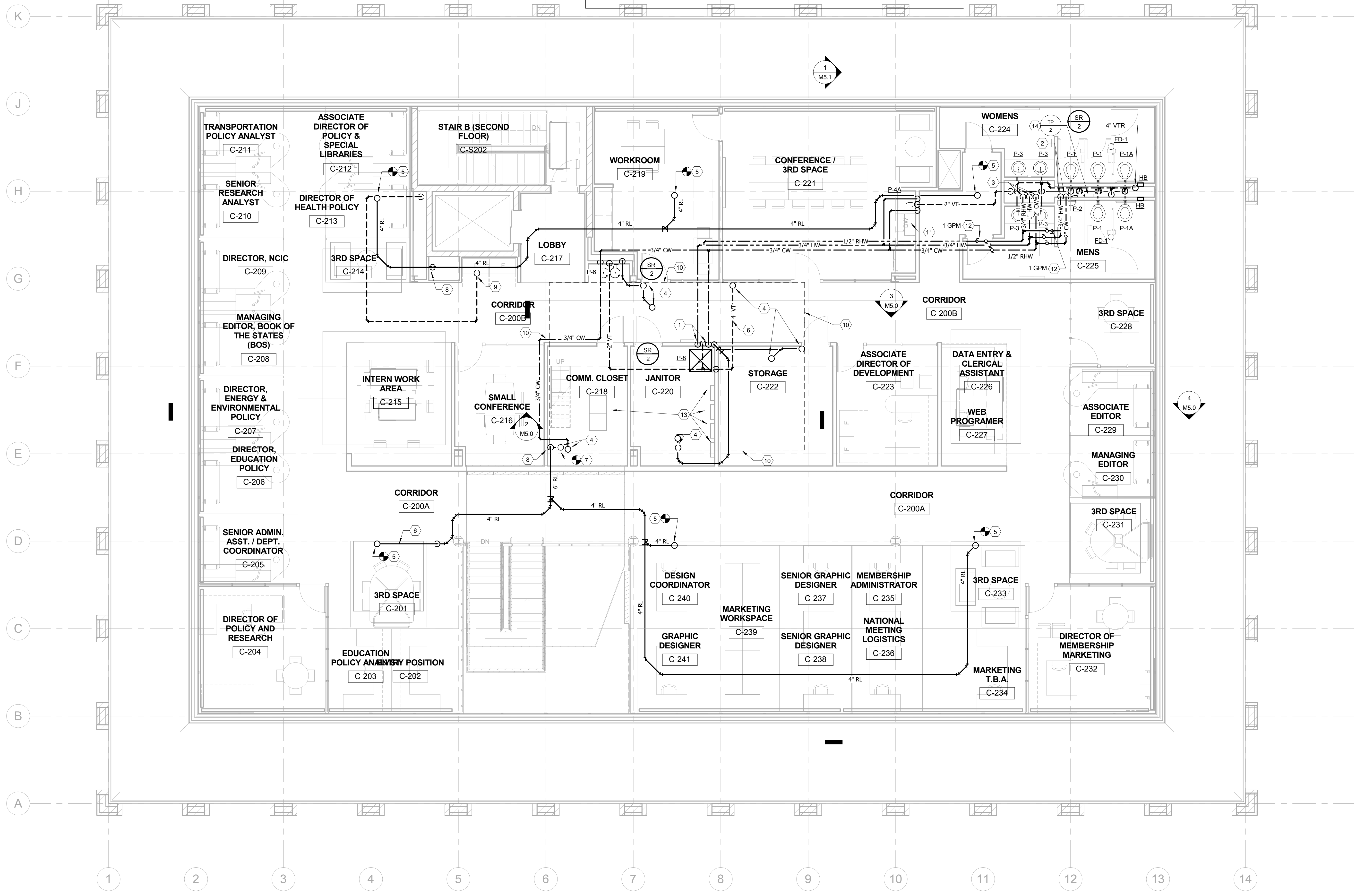
PLUMBING NEW WORK - FIRST FLOOR PLAN  
 1/16" = 1'-0"



REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2			
3			
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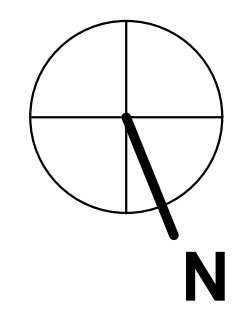
  

RECORD DATE <b>NOV. 2013</b>	<b>PLUMBING NEW WORK - FIRST FLOOR PLAN</b>	DRAWING NO.
DRAWN BY <b>MCW</b>	COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET	<b>P3.1</b>
CHECKED BY <b>CMR</b>	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES FRANKFORT, KENTUCKY	REVIEWED DNY, OF ENGR.
A & E FILE NO. <b>1302.00</b>	212 North Upper Street Lexington, Kentucky 40507-1801 p 606.252.6664 f 606.252.2288 www.omniarchitects.com	ENGR. FILE NO. 785-028R-8C01-00
<b>NOV. 2013</b>	AGENCY AUTHORIZED AGENT	DATE
	DIVISION OF ENGINEERING	DATE
	APPROVED FOR PROGRAM CONCEPT ONLY	
	APPROVED FOR PROGRAM CONCEPT ONLY	



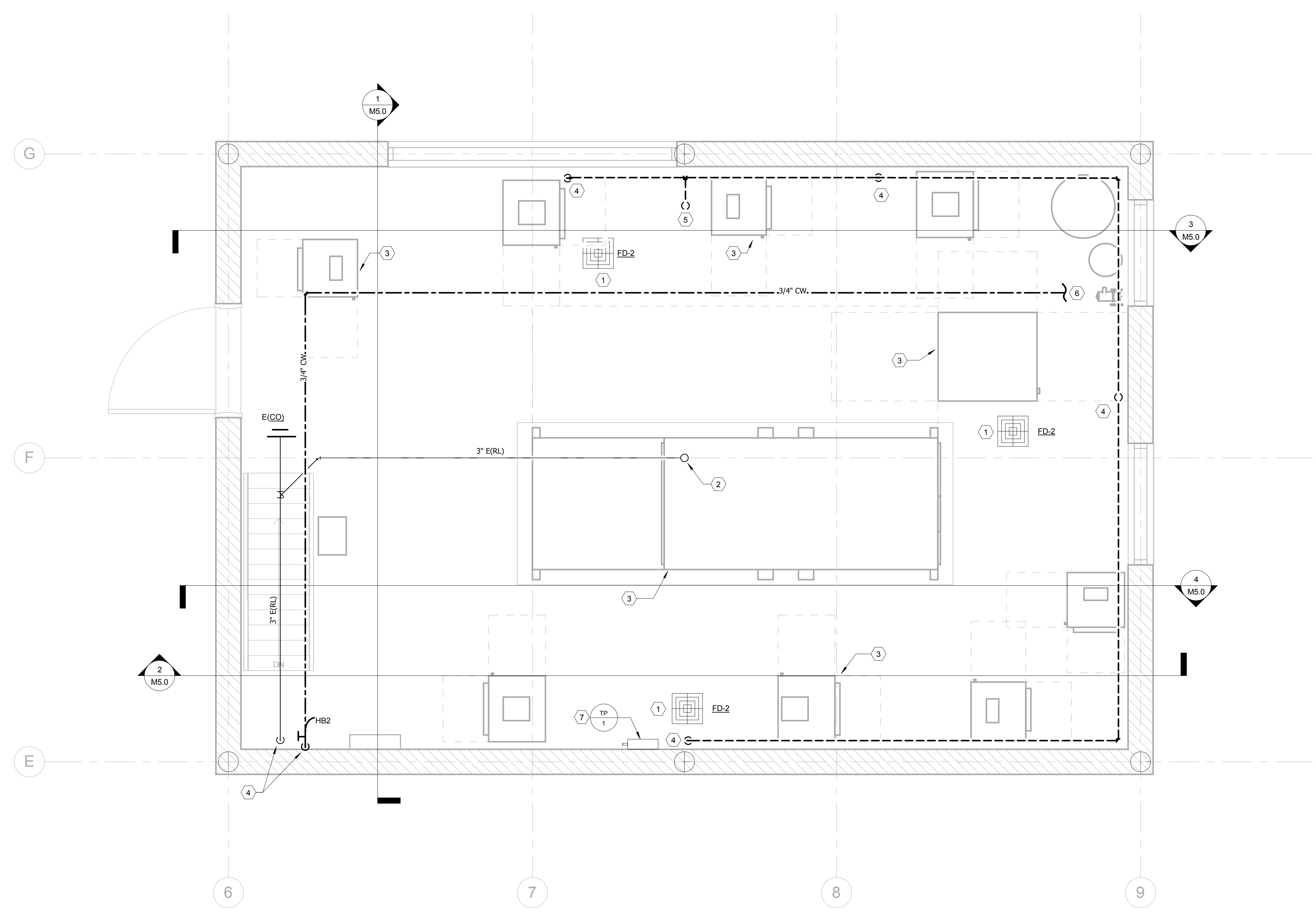
- PLUMBING NEW WORK - SECOND FLOOR TAGGED NOTES**
- 1 INSTALL CHECK VALVES ON THE HOT AND COLD WATER LINES TO ALL MOP BASINS.
  - 2 DOMESTIC WATER PIPING DOWN IN CHASE WITH BRANCH PIPING TO FIXTURES PER THE PLUMBING FIXTURE SCHEDULE.
  - 3 DOMESTIC WATER PIPING DOWN TO FIRST FLOOR. REFER TO PLUMBING NEW WORK - FIRST FLOOR PLAN FOR CONTINUATION.
  - 4 PIPING UP TO PENTHOUSE. REFER TO PLUMBING NEW WORK - PENTHOUSE PLAN, SHEET M3.3, FOR CONTINUATION.
  - 5 ROOF LEADER PIPING UP TO ROOF DRAIN. CONNECT TO EXISTING DRAIN.
  - 6 ROUTE PIPING UP IN JOIST SPACE.
  - 7 RECONNECT TO 3" EXISTING ROOF LEADER PIPING DOWN FROM PENTHOUSE. REFER TO PLUMBING NEW WORK - PENTHOUSE PLAN, SHEET M3.3 FOR CONTINUATION.
  - 8 6" ROOF LEADER PIPING DOWN. REFER TO PLUMBING NEW WORK - 1ST FLOOR PLAN, SHEET M3.1, FOR CONTINUATION.
  - 9 RECONNECT TO EXISTING VENT THRU ROOF.
  - 10 MECHANICAL PENTHOUSE ABOVE.
  - 11 PROVIDE HOT WATER LINE IN CASEWORK TO DISHWASHER. SIZE PER MANUFACTURER'S RECOMMENDATIONS. CONNECT DISHWASHER DRAIN TO AIR GAP AT SINK.
  - 12 BALANCE VALVE TO GPM INDICATED ON PLANS.
  - 13 ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS. TYPICAL.
  - 14 PROVIDE TRAP PRIMER IN CHASE PER SPECIFICATIONS AND PIPING TO FLOOR DRAINS IN RESTROOM 224 AND 225

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

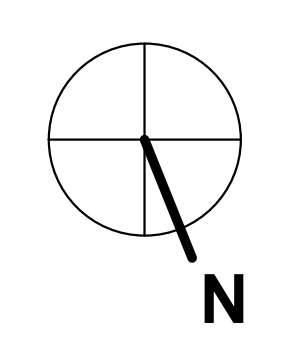


REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		PLUMBING NEW WORK - SECOND FLOOR	
3		RECORD DATE	DRAWING NO.
4	NOV. 2013	NOV. 2013	P3.2
5		DRAWN BY	COMMONWEALTH OF KENTUCKY
6		MCW	FINANCE AND ADMINISTRATION CABINET
7		CHECKED BY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

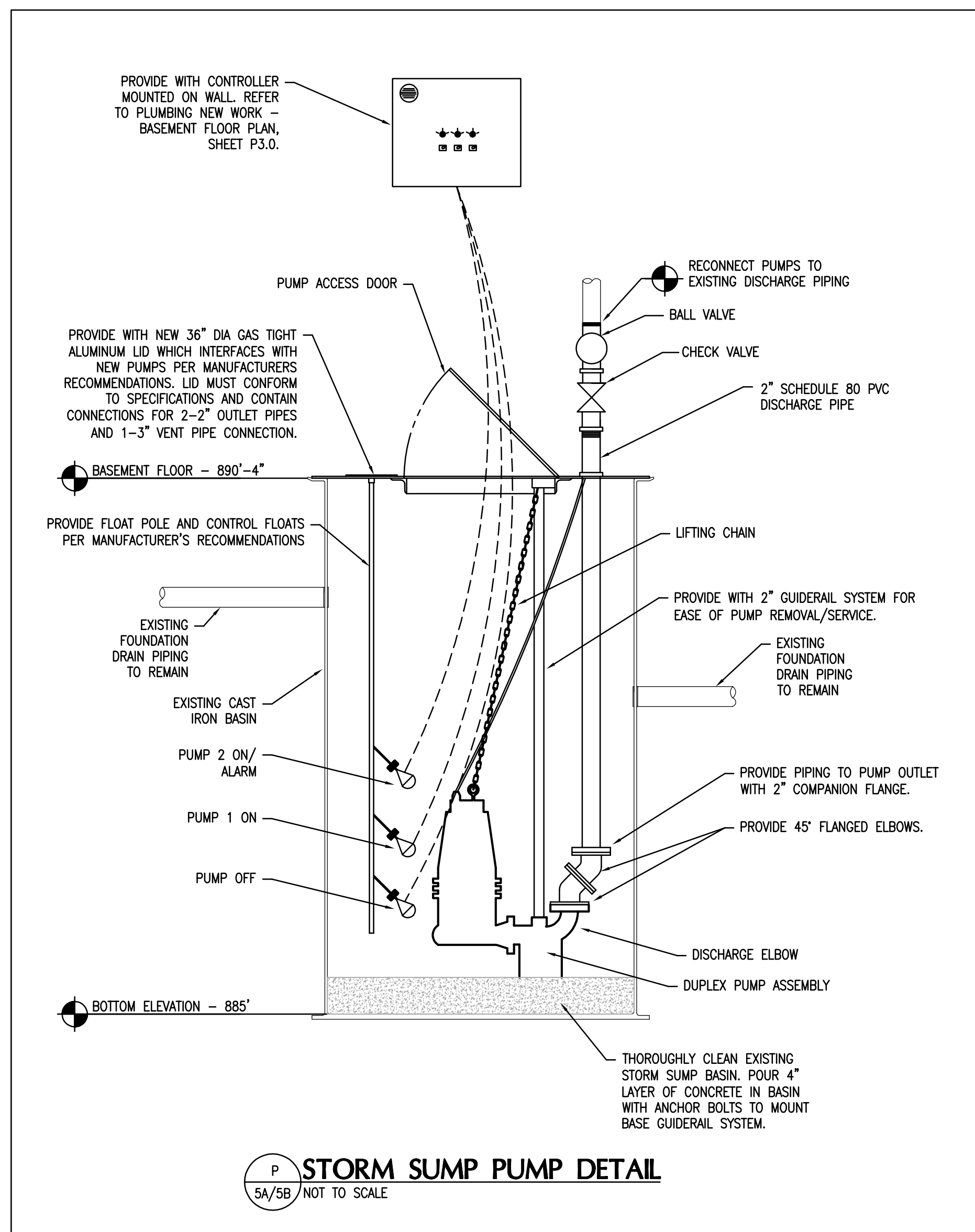
- PLUMBING NEW WORK - PENTHOUSE TAGGED NOTES
- COORDINATE FLOOR DRAIN LOCATION WITH DUCTWORK PENETRATIONS.
  - EXISTING ROOF LEADER PIPING UP TO ROOF DRAIN ABOVE.
  - MECHANICAL EQUIPMENT. REFER TO HVAC NEW WORK - PENTHOUSE PLAN, SHEET M3.3. TYPICAL.
  - PIPING DOWN THRU PENTHOUSE FLOOR. REFER TO PLUMBING NEW WORK - SECOND FLOOR PLAN, SHEET P3.2, FOR CONTINUATION.
  - RECONNECT VENT PIPING TO EXISTING VENT THRU ROOF.
  - FILL LINE FOR HCW SYSTEM. REFER TO PENTHOUSE HYDRONIC SYSTEM FILL SCHEMATIC, SHEET M5.1 FOR DETAILS.
  - PROVIDE ELECTRIC TRP PRIMER PER SPECIFICATIONS. PROVIDE PIPING TO ALL PENTHOUSE FLOOR DRAINS.



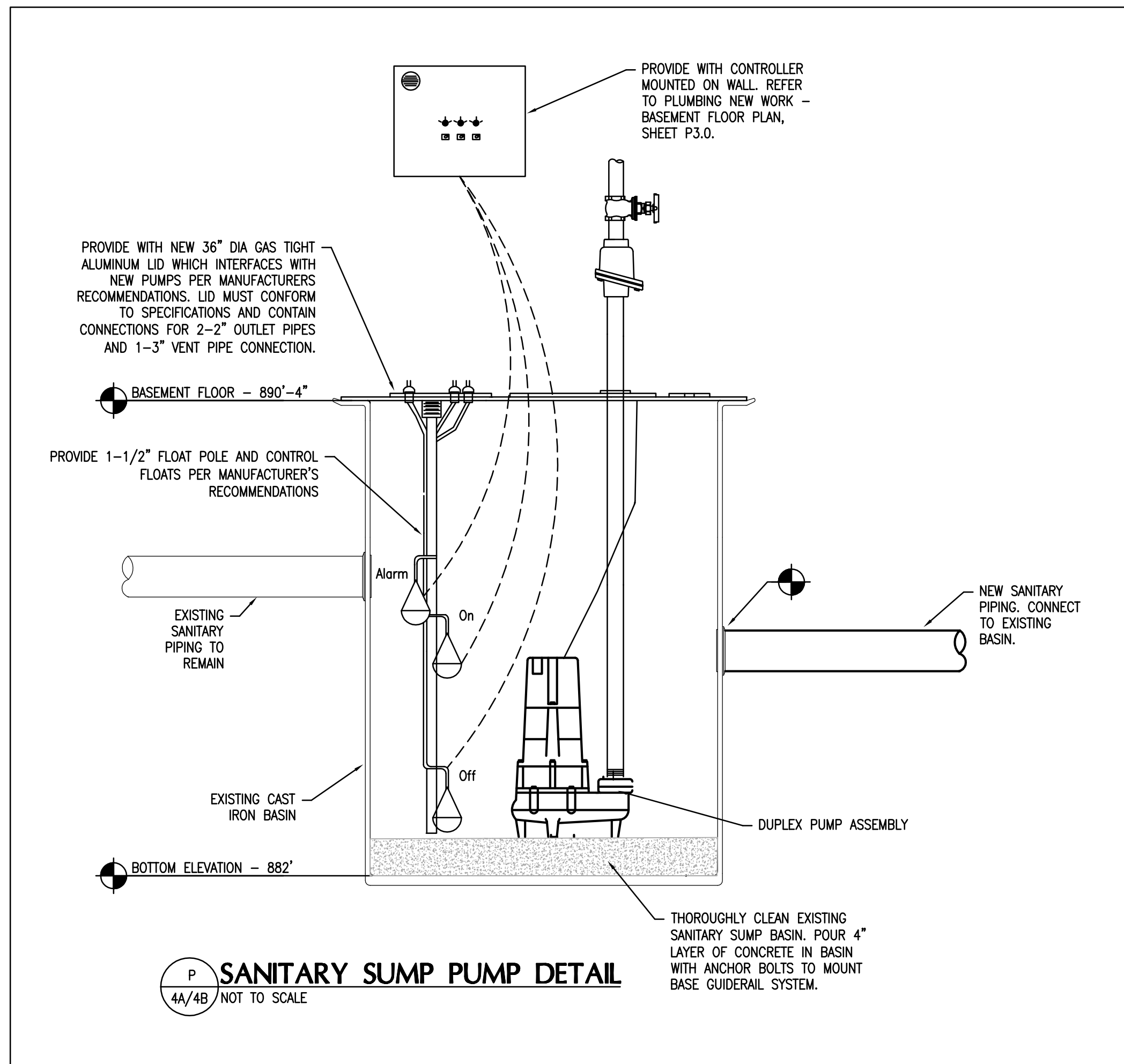
PLUMBING NEW WORK - PENTHOUSE  
PLAN  
1/2" = 1'-0"



REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		RECORD DATE	DRAWING NO.
3		<b>NOV. 2013</b>	<b>P3.3</b>
4		DRAWN BY	COMMONWEALTH OF KENTUCKY
5		<b>MCW</b>	FINANCE AND ADMINISTRATION CABINET
6		CHECKED BY	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION
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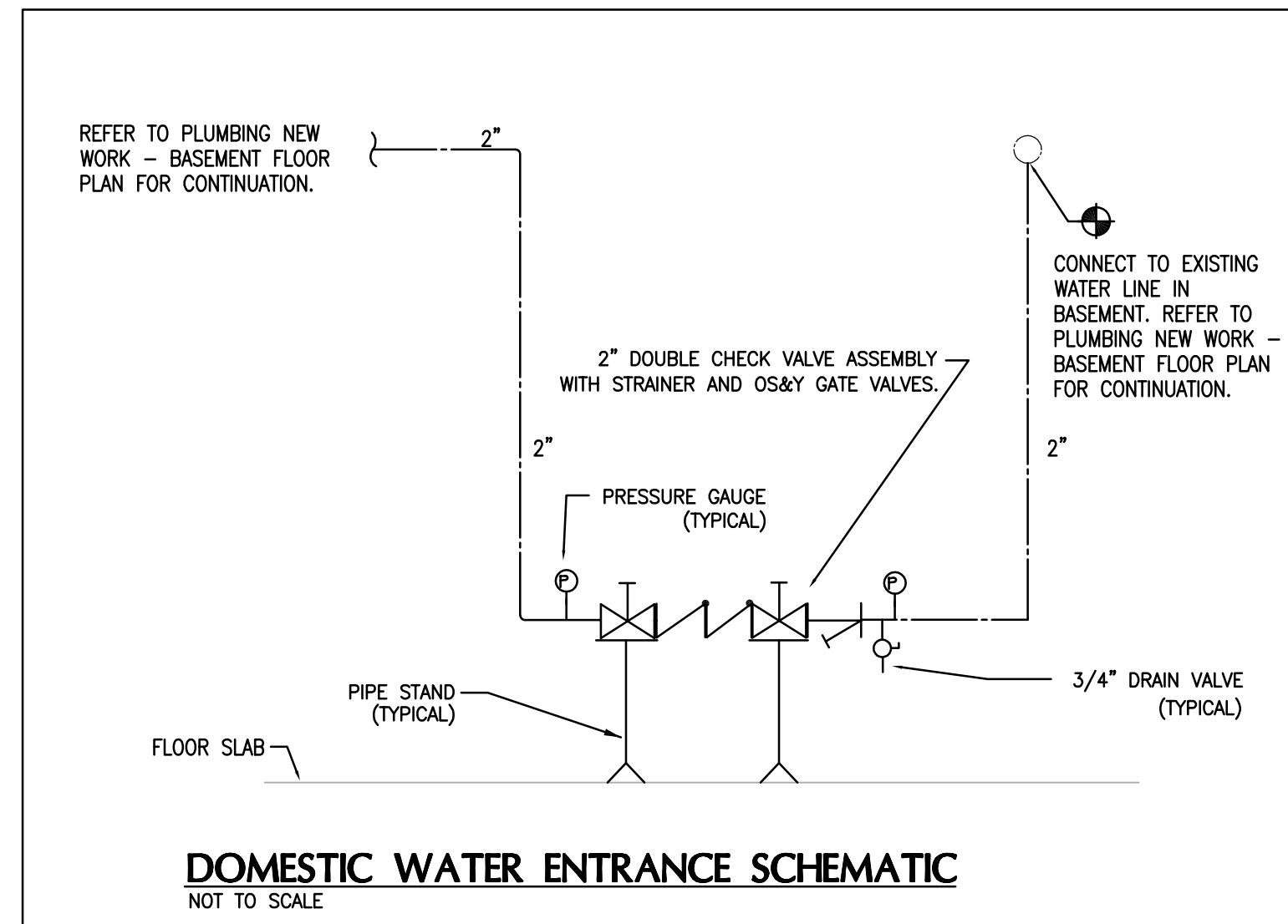
**P STORM SUMP PUMP DETAIL**  
5A/5B / NOT TO SCALE



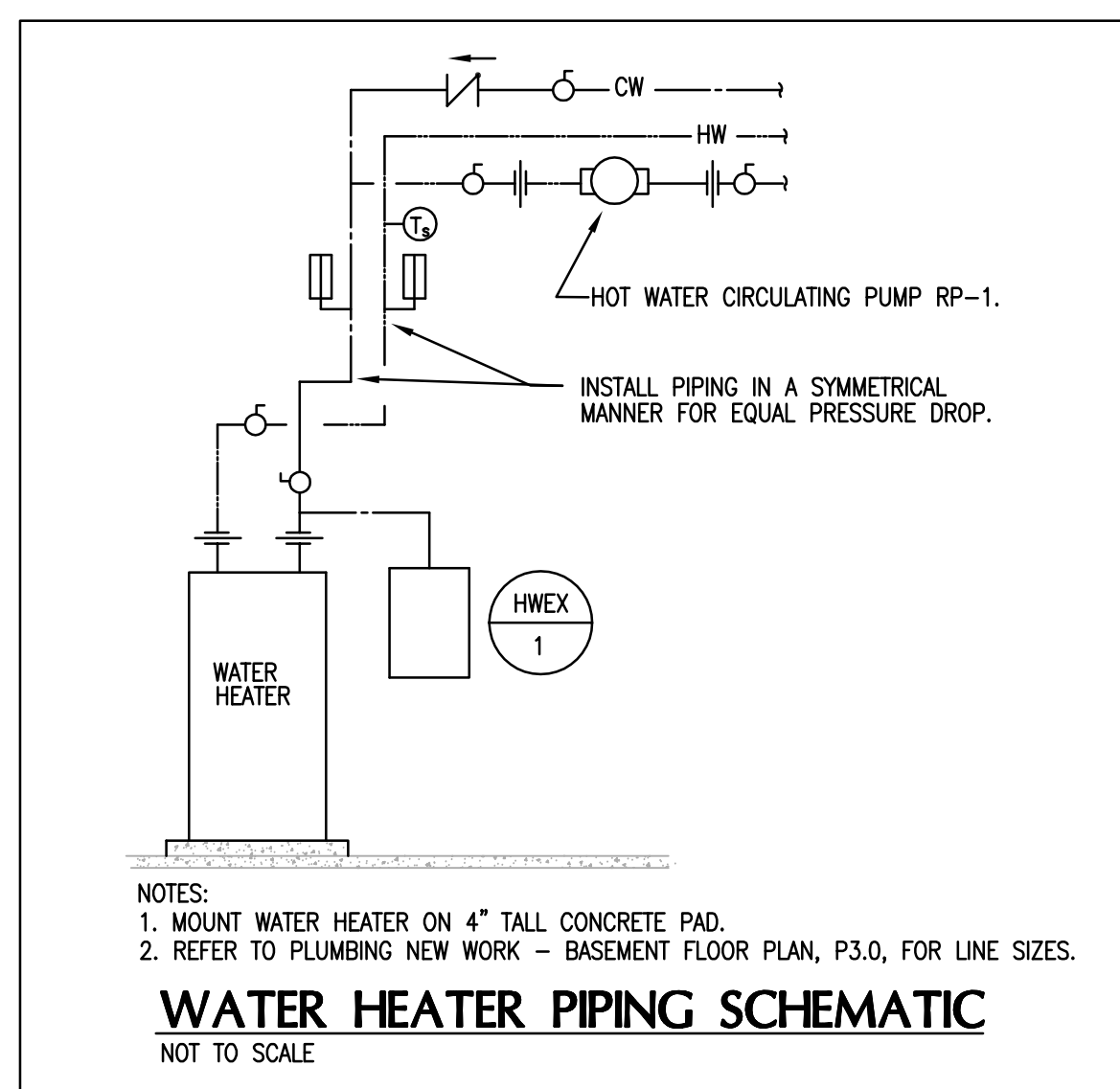
**P SANITARY SUMP PUMP DETAIL**  
4A/4B / NOT TO SCALE

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

PLUMBING PUMP SCHEDULE (AS-BUILT)							
MARK	MANUFACTURER MODEL	SERVICE	HP	HEAD LOSS (FT)	GPM	ELECTRICAL (VOLT/PH)	REMARKS
RP-1		BUILDING RECIRC.					
P-4A/B		SEWER SUMP PUMP					
P-5A/B		STORM SUMP PUMP					



**DOMESTIC WATER ENTRANCE SCHEMATIC**  
NOT TO SCALE



**WATER HEATER PIPING SCHEMATIC**  
NOT TO SCALE

PLUMBING PUMP SCHEDULE								
MARK	MANUFACTURER MODEL	SERVICE	HP	GPM	HEAD LOSS (FT)	FLA	ELECTRICAL (VOLT/PH)	REMARKS
RP-1	BELL & GOSSETT PL-30B	BUILDING RECIRC.	1/12	5	6.3	1.4	115/1	1, 2, 3
P-4A/B	ZOELLER 7011	SEWER SUMP PUMP	1.5	40	13.55	12.3	115/1	4, 5
P-5A/B	ZOELLER 618B	STORM SUMP PUMP	1.5	106	13.55	10.3	208/3	4, 5

**REMARKS:**  
 1. PUMP IS CONTROLLED BY BUILDING AUTOMATION SYSTEM.  
 2. EQUALS INCLUDES GRUNDFOSS, ARMSTRONG AND THURSH.  
 3. BRONZE CONSTRUCTION AND LEAD FREE, FOR DOMESTIC WATER USE.  
 4. PROVIDE WITH FACTORY CONTROLLER AND ALL REQUIRED FLOAT SENSORS, PUMP GUIDE RAILS, ETC. SEE DETAIL, THIS SHEET.  
 5. EQUALS INCLUDE WELL AND CRANE.

PLUMBING FIXTURE SCHEDULE							
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 1.28 GPF FLUSH VALVE WITH OVERRIDE BUTTON AND CHROME PLATED HOUSING. PROVIDE WALL CARRIER. MOUNT WITH RIM OF BOWL AT 15" AFF. SIMILAR TO TOTO MODEL C730E.	-	1/2"	4"	2"	1.28	-
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 1.28 GPF FLUSH VALVE WITH OVERRIDE BUTTON AND CHROME PLATED HOUSING. PROVIDE WALL CARRIER. MOUNT WITH RIM OF BOWL AT 15" AFF. FLUSH VALVE HANDLE SHALL BE A MAXIMUM OF 31" AFF. SIMILAR TO TOTO MODEL C730E.	-	1/2"	4"	2"	1.28	-
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"	0.125	-
P-3	LAVATORY - UNDERCOUNTER - ADA COMPLIANT VITREOUS CHINA, 19"x15" OVAL UNDERCOUNTER LAVATORY WITH FRONT OVERFLOW. PROVIDE WITH A .5 GPM SINGLE LEVER FAUCET, GRID DRAIN, 3/8" ANGLE SUPPLIES WITH STOPS, KENTUCKY CODE P-TRAP, TAILPIECE AND ESCUTCHEONS. INSTALL ON THE SUPPLY LINES AND P-TRAP AN INSULATION KIT WITH A VINYL PLASTIC COVERING. SIMILAR TO TOTO MODEL L15B7. COLOR TO BE SELECTED BY ARCHITECT.	1/2"	1/2"	2"	2"	-	0.5
P-4	SINGLE COMPARTMENT SINK SINGLE COMPARTMENT STAINLESS STEEL SINK, 19"x21" O.D., 14"x18" I.D., 6 1/2" 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, 3/8" ANGLE SUPPLIES WITH STOPS, KENTUCKY CODE P-TRAP, TAILPIECE AND ESCUTCHEONS. PROVIDE WITH AIR GAP FITTING.	1/2"	1/2"	2"	2"	-	1.5
P-4A	SINGLE COMPARTMENT SINK WITH GRID STRAINER SINGLE COMPARTMENT STAINLESS STEEL SINK, 19"x21" O.D., 14"x18" I.D., 6 1/2" DEEP, 18 GAUGE, WITH 8" CENTERS. PROVIDE WITH 8" RIGID SPOUT GOOSENECK FAUCET WITH 4" WRIST BLADE CONTROL HANDLES. REAR CENTERED GRID STRAINER DRAIN, 3/8" ANGLE SUPPLIES WITH STOPS, KENTUCKY CODE P-TRAP, TAILPIECE AND ESCUTCHEONS. PROVIDE WITH AIR GAP FITTING.	1/2"	1/2"	2"	2"	-	1.5
P-5	DOUBLE COMPARTMENT SINK W/SINGLE LEVER FAUCET DOUBLE COMPARTMENT STAINLESS STEEL SINK, 20"x37" O.D., 14"x18" I.D., 18 GAUGE, 6 1/2" DEEP. REAR FAUCET LEDGE WITH 8" CENTERS. PROVIDE WITH SINGLE LEVER SWING SPOUT FAUCET. PROVIDE WITH CHROME SUPPLIES, STOPS, TAILPIECE, KENTUCKY CODE P-TRAP, CRUMB CUP STRAINER DRAIN, CONTINUOUS WASTE AND ESCUTCHEONS. PROVIDE WITH AIR GAP FITTING FOR DISHWASHER. PROVIDE IN-SINK-AERATOR OR EQUAL. BADGER 5 GARBAGE DISPOSAL, WITH 1/2 HP MOTOR AND WALL SWITCH.	1/2"	1/2"	2"	2"	-	1.5
P-6	ELECTRIC WATER COOLER - BI-LEVEL - ADA COMPLIANT BI-LEVEL BARRIER FREE WATER COOLER WITH SINGLE COMPRESSOR, WATER SUPPLY, DRAIN AND ELECTRICAL CONNECTION. 8.0 GPH OF 50°F WATER AT 90°F AMBIENT AND 80°F INLET WATER, 18.8 GAUGE STAINLESS STEEL BASIN, 1/2 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 8" 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 GASE TIGHT ARGON ATTACHED TO THE HI COOLER. PROVIDE WITH INTEGRAL BOTTLE FILLING STATION WITH NO-TOUCH, SENSOR ACTIVATED BOTTLE FILLER WITH AUTO 20-SECOND SHUTOFF AND A FILL RATE OF 1.1 GPM. PROVIDE WITH STAINLESS STEEL COOLER CABINET.	-	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"	-	1.6
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"	-	1.6
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
P-9	WATER SUPPLY WALL BOX 10" x 8-1/2" RECESSED WATER VALVE BOX, 18 GAUGE STEEL BOX WITH A SINGLE 1/2" WATER SUPPLY INLET, ANGLE STOP, AND 1/2" COMPRESSION OUTLET.	-	1/2"	-	-	-	-
HB	HOSE BIBB ZURN MODEL 21350 OR EQUAL ENCLOSED MODERATE CLIMATE WALL HYDRANT FOR NARROW WALL INSTALLATION, WITH ALL BRONZE BODY, ALL BRONZE INTERIOR PARTS, REPLACABLE 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) WOODFOR 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.	-	-	3"	2"	-	-

EXPANSION TANKS				
MARK	MANUFACTURER MODEL	SERVICE	VOLUME (GAL)	MAX ACCEPT FACTOR
HWE-1	AMTROL ST-8	WH-1	3.2	.59

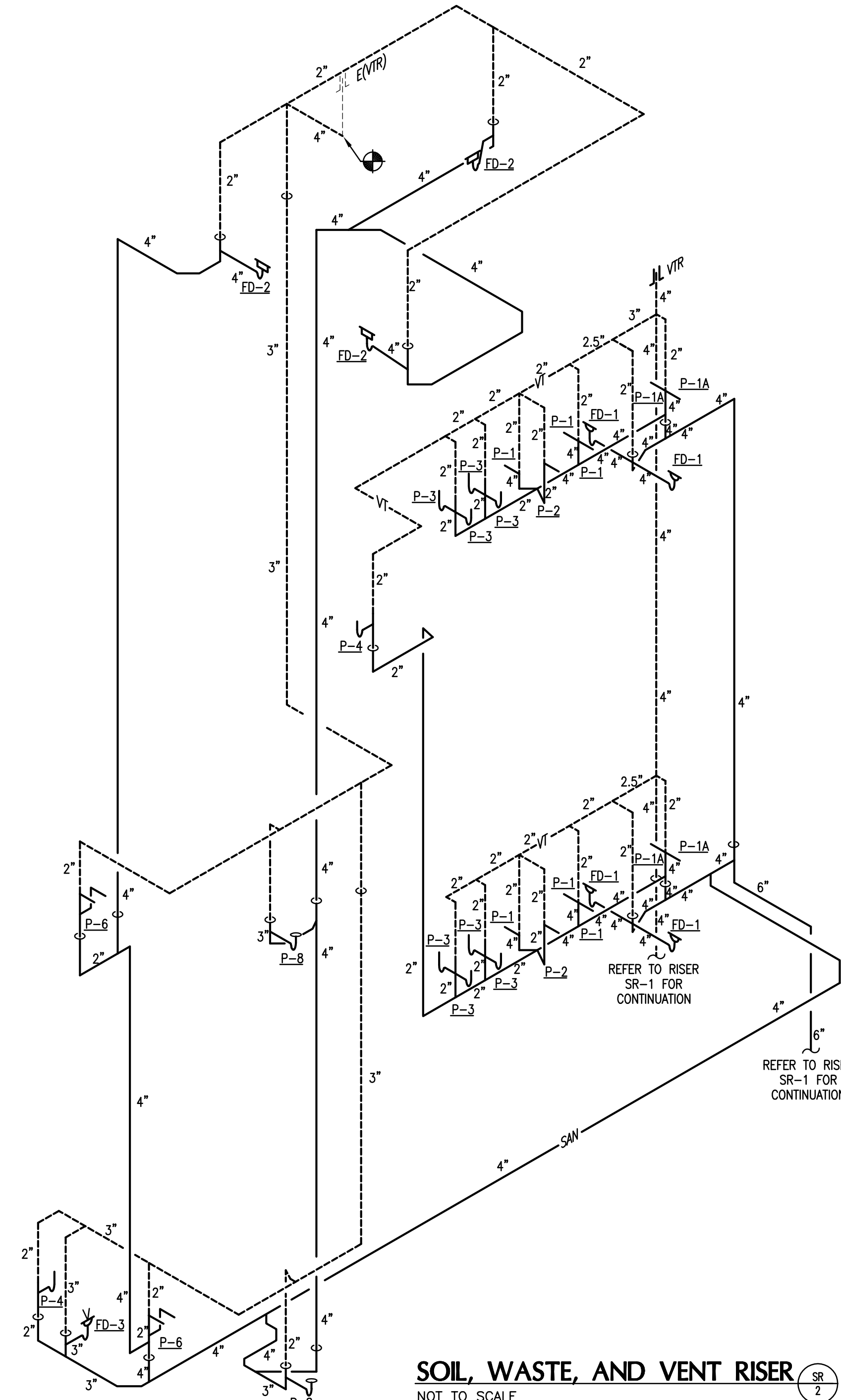
WATER HEATER SCHEDULE							
MARK	MANUFACTURER MODEL	SERVICE	STORAGE (GAL)	RECOVERY GPH @ 100°F RISE	KW	ELECTRICAL (VOLT/PH)	REMARKS
WH-1	A.O. SMITH - DEN-66	120F	66	18	4.5	208/3	1, 2, 3

**REMARKS:**  
 1. SINGLE POINT ELECTRICAL CONNECTION.  
 2. IMMERSION TYPE THERMOSTATS TO CONTROL WATER TEMPERATURE.  
 3. MODULATING STEP CONTROLS SHALL BE PROVIDED FOR THIS WATER HEATER.

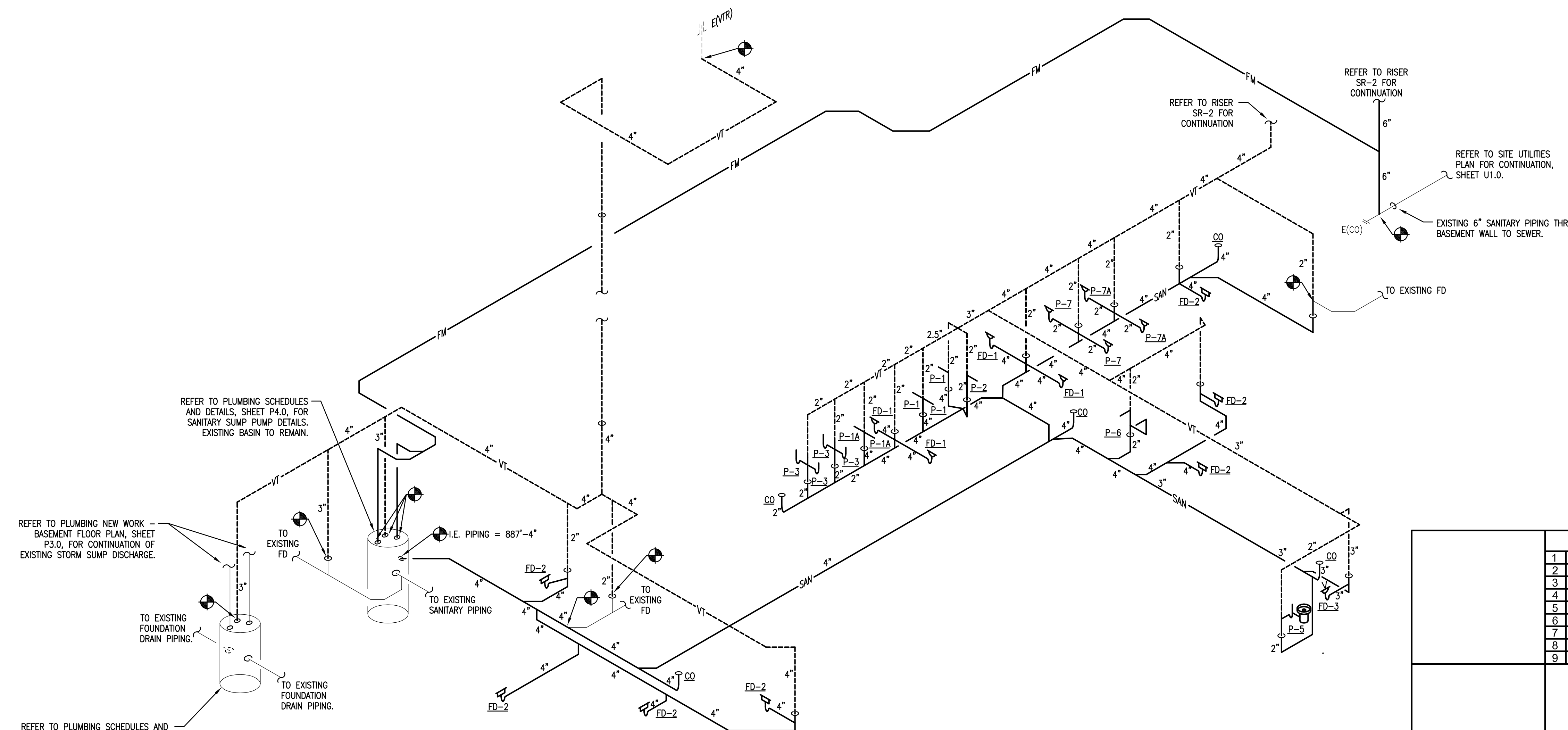
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 PLOT BY: MATT WALKER  
 PLOT DATE: 11/02/13 AM

REVISIONS		DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1			2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2				
3				
4				
5				
6				
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9				

RECORD DATE <b>NOV. 2013</b>	<b>PLUMBING SCHEDULES AND DETAILS</b>	DRAWING NO.
DRAWN BY <b>CMW</b>	COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET	<b>P-4.0</b>
CHECKED BY <b>CMR</b>	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES FRANKFORT, KENTUCKY	
A & E FILE NO. <b>1302.00</b>	<b>CSG13</b>	REVIEWED DNV, OF ENGR.
<b>NOV. 2013</b>	<b>Omni ARCHITECTS</b>	ENGR. FILE NO. 785-088R-8C01-00
AGENCY AUTHORIZED AGENT	APPROVED FOR PROGRAM CONCEPT ONLY	DATE
DIVISION OF ENGINEERING	APPROVED FOR PROGRAM CONCEPT ONLY	DATE



**SOIL, WASTE, AND VENT RISER** SR-1  
NOT TO SCALE



**SOIL, WASTE, AND VENT RISER** SR-2  
NOT TO SCALE

REFER TO PLUMBING SCHEDULES AND DETAILS, SHEET P4.0, FOR SANITARY SUMP PUMP DETAILS. EXISTING BASIN TO REMAIN.

REFER TO PLUMBING NEW WORK - BASEMENT FLOOR PLAN, SHEET P3.0, FOR CONTINUATION OF EXISTING STORM SUMP DISCHARGE.

REFER TO PLUMBING SCHEDULES AND DETAILS, SHEET P4.0, FOR STORM SUMP DETAILS. EXISTING BASIN TO REMAIN.

REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE, LEXINGTON, KY 40511	
2		PLUMBING RISERS	
3		RECORD DATE	DRAWING NO.
4	NOV. 2013		P-5.0
5		DRAWN BY	COMMONWEALTH OF KENTUCKY
6		MCW	FINANCE AND ADMINISTRATION CABINET
7		CHECKED BY	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION
8		CMR	DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
9			FRANKFORT, KENTUCKY
A & E FILE NO		REVIEWED	
1302.00		DNY, OF ENGR.	
NOV. 2013		ENGR. FILE NO	
		785-C68R-8C01-00	
AGENCY		DATE	
AUTHORIZED AGENT		APPROVED FOR PROGRAM CONCEPT ONLY	
DIVISION OF ENGINEERING		DATE	
		APPROVED FOR PROGRAM CONCEPT ONLY	

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