

FIRE SUPPRESSION GENERAL NOTES

- 15.1 GENERAL NOTES: THE WORK TO BE COMPLETED UNDER THIS CONTRACT IS TO INCLUDE NECESSARY EQUIPMENT, MATERIALS, LABOR AND INSPECTION NECESSARY IN PROVIDING A FULLY OPERATIONAL SYSTEM PER THE INTENT AND REQUIREMENTS OF THESE DRAWINGS.
- 15.2 SCOPE: THE WORK TO BE COMPLETED UNDER THIS CONTRACT IS TO INCLUDE NECESSARY EQUIPMENT, MATERIALS, LABOR AND INSPECTION NECESSARY IN PROVIDING A FULLY OPERATIONAL SYSTEM PER THE INTENT AND REQUIREMENTS OF THESE DRAWINGS. SPECIFICATIONS AS WELL AS THE SUBCONTRACTOR CONTRACT DOCUMENT. ALL WORK, EQUIPMENT AND FINISHED SYSTEMS ARE TO BE OF THE HIGHEST STANDARDS AND CONFORM WITH THE BEST MODERN PRACTICES. THIS WORK IS TO BE COMPLETED WITH THE UNDERSTANDING THAT A LIMITED AMOUNT OF DETAIL CAN BE AFFORDED BY THE LARGE SCALE DRAWING REPRESENTATIONS OF THE REQUIRED SYSTEM. DUE TO THE NATURE OF THIS LIMITATION IT IS EXPECTED OF THE CONTRACTOR TO PROVIDE THE NECESSARY PRODUCTS AND LABOR TO MEET THE INTENT OF THE DOCUMENTS AND REQUEST FURTHER INFORMATION WHERE THE FULL INTENT CANNOT BE DETERMINED OR IS DETERMINED TO BE ERROR. SUCH OCCURRENCES ARE TO BE ASSUMED AND INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK AND PRICING.
- 15.3 CODES AND STANDARDS: ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST ADOPTED STATE AND NATIONAL CODES AS WELL AS INDUSTRY STANDARDS (I.E. ASHRAE, ASME, AND SMASH ETC) COVERING SUCH WORK. THIS DOES NOT RELIEVE THE CONTRACTOR FROM FURNISHING AND INSTALLING WORK SHOWN OR SPECIFIED WHICH MAY EXCEED THE REQUIREMENTS OF SUCH ORDINANCES, LAWS, REGULATIONS AND CODES.
- 15.4 WORKMANSHIP AND INSTALLATION: ALL WORK COMPLETED ON THE PROJECT IS TO BE DONE SO IN A PROFESSIONAL MANNER UTILIZING THE BEST MODERN PRACTICES AND INSTALLATION TECHNIQUES. UNLESS OTHERWISE NOTED ALL EQUIPMENT, PIPING, DUCTWORK, FIXTURES ETC. ARE TO BE INSTALLED LEVEL AND TRUE, PARALLEL AND/OR PERPENDICULAR TO THE BUILDING STRUCTURE AND WALLS. COORDINATION DRAWINGS ARE TO BE COMPLETED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORK PROVIDING THE CONTRACTOR A FULL WORKING KNOWLEDGE OF THE TASK AT HAND. ALL WORK IS TO BE LAD OUT ON SITE BY THE CONTRACTOR TO ENSURE PROPER FIT, ORIENTATION AND COORDINATION WITH OTHER BUILDING TRADES PRIOR TO INSTALLATION. FIELD CHANGES ARE TO BE EXPEDITED AS REQUIRED BY ACTUAL CONSTRUCTION CONDITIONS AND THE CONTRACTOR IS TO ALLOW SHIFTS, RELOCATIONS, RECONFIGURATIONS OF ANY EQUIPMENT OR MATERIAL UP TO 10'. LACK OF ADHERENCE TO ANY OF THE ABOVE MENTIONED REQUIREMENTS WILL NOT CONSTITUTE, NOR WILL BE ALLOWED, A CHANGE IN SCOPE OR ALLOWANCE OF ADDITIONAL FEES.
- 15.5 COPYRIGHT: THESE PLANS, SPECIFICATIONS AND ALL RELATED ADDENDA AND DOCUMENTS CONSTITUTE COPYRIGHT MATERIALS OF J.P. ENGINEERING. THESE MATERIALS SHALL REMAIN THE SOLE PROPERTY OF J.P. ENGINEERING, AND MAY NOT BE REPRODUCED, DISTRIBUTED TO OTHER OR USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN CONSENT OF J.P. ENGINEERING.
- 15.6 DRAWINGS: DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF THE WORK INTENDED TO BE COMPLETED UNDER THE SCOPE OF THIS PROJECT. ALL DATA PROVIDED ON THESE DRAWINGS IS TO BE FIELD VERIFIED AS THE LARGE SCALE OF PLANS DOES NOT AFFORD EXACT REPRESENTATION OF ALL CONDITIONS. EXAMPLES OF REPRESENTATIONS NOT ALWAYS AFFORDED BY THE LARGE SCALE OF THE DRAWINGS ARE OFFSETS IN DUCTWORK OR PIPING, EXACT LOCATION OF VALVES, FITTINGS, ACTUATORS, AND DAMPERS ETC.
- 15.7 COORDINATION: CIVIL, ARCHITECTURAL, STRUCTURAL, FIRE PROTECTION AND ELECTRICAL DRAWINGS ALL CONTAIN DETAILING REGARDING THE INSTALLATION OF FIRE SUPPRESSION SYSTEMS. THE CONTRACTOR IS TO REVIEW ALL PROJECT DRAWING, SPECIFICATIONS AND ADDENDA FOR RELEVANT INFORMATION TO THEIR INSTALLATION.
- 15.8 PRODUCT DELIVERY AND STORAGE: PRODUCTS ARE TO BE DELIVERED TO THE SITE IN SUCH A MANNER AS TO PREVENT DAMAGE (OTHER NATURAL OR HUMAN CAUSED) TO THE EQUIPMENT OR MATERIALS. SHIPPING, STORAGE AND DELIVERY IS TO BE COMPLETED AS REQUIRED BY THE MANUFACTURER. PRODUCTS ARE TO BE DELIVERED TO THE SITE IN THE MANUFACTURERS SHIPPING CONTAINER OR PACKAGING WITH MANUFACTURERS LABELS STILL ATTACHED. DELIVERIES OF EQUIPMENT AND MATERIAL ARE TO BE SCHEDULED TO MINIMIZE UNINSTALLED TIME ON THE JOBSITE. CONTRACTOR IS TO INSPECT ALL EQUIPMENT AND MATERIAL FOR DAMAGE OR DEFECT AND AT THE NECESSARY STEPS TO PROVIDE REPAIR OR REPLACE DAMAGED PIECES PRIOR TO INSTALLATION.
- 15.9 ACCESSIBILITY: ALL EQUIPMENT, VALVES, ACTUATORS, ETC. ARE TO BE POSITIONED AND INSTALLED SUCH THAT THEY ARE EASILY ACCESSIBLE. CARE IS TO BE TAKEN TO ENSURE PROPER MAINTENANCE AND OPERATIONAL ACCESS AND CLEARANCE IS PROVIDED FOR ADJUSTMENT AND UNDOING OF THE INSTALLED SYSTEMS.
- 15.10 GUARANTEE: THE CONTRACTOR SHALL GUARANTEE THE COMPLETE FIRE SUPPRESSION SYSTEMS, AND ALL PORTIONS THEREOF THE SUBCONTRACTOR CONTRACT DOCUMENT.
- 15.11 RECORD DRAWINGS: RECORD DRAWINGS ARE TO BE PROVIDED IN ACCORDANCE WITH THE SUBCONTRACTOR CONTRACT DOCUMENT.
- 15.12 PIPING: ALL PIPING IS TO BE SHIPPED, STORED, AND INSTALL IN ACCORDANCE WITH THE BEST MODERN PRACTICES AND THE GENERAL NOTES SECTION OF THIS SPECIFICATION. DRAWINGS INDICATE GENERAL LOCATION AND ROUTING OF ALL PIPING. THE LAYOUT AS SHOWN WAS USED FOR CALCULATIONS CALCULATING OF ALL VARIABLE S IN THE PIPING SYSTEMS OPERATIONS AND THEREBY IS TO BE INSTALLED AS DETAILED UNLESS OTHERWISE PERMITTED BY THE ENGINEER.
- ALL PIPING IS TO BE INSTALLED IN CONCEALED FROM VIEW AND PROTECTED CONTACT UNLESS OTHERWISE NOTED. IN ACCESSIBLE CEILING AREAS INSTALL PIPING ALLOWING'S PROPER REMOVAL OF TILES. PIPING IS TO BE INSTALLED FREE OF SAGS AND BENDS AND PARALLEL OR AT RIGHT ANGLES TO MAIN BUILDING STRUCTURAL FEATURES. PIPING IS ALSO TO BE INSTALLED TO FACILITATE ACCESS TO ALL VALVES, FLANGES, UNIONS AND OTHER ACCESSORIES REQUIRED MAINTENANCE AND OPERATION ACCESS.
- 15.13 SUPPORT: ALL BUILDING FIRE SUPPRESSION SYSTEM PIPING ARE TO BE SUPPORTED FROM BUILDING STRUCTURAL SUPPORT MEMBERS OR WALLS. HANGERS, SUPPORTS, CLAMPS AND STRUTS ARE TO BE USED FOR SUPPORT. OTHER PIPING, DUCTWORK, CONDUIT ETC. SHALL NOT BE USED FOR SUPPORT UNDER ANY CIRCUMSTANCES. SUPPORTS ARE TO BE INSTALLED ALLOWING CONTROLLED MOVEMENT NECESSARY FOR EXPANSION, CONTRACTION AND SEISMIC EVENTS. ALL SUPPORTS ARE TO BE LATERSLID BRACED IN OPPOSING DIRECTIONS TO LIMIT UNNECESSARY MOVEMENT. PROVIDE HANGERS AS REQUIRED BY BELOW MENTIONED CODES AS WELL AS AT ALL CHANGES IN DIRECTION, PENETRATION OF BUILDING FLOORS AND AT THE CONNECTION TO EACH PIECE OF EQUIPMENT. HANGERS ARE TO BE POSITIVELY FASTENED TO CONCRETE, STEEL, OR WOOD BUILDING SYSTEMS FOR ABSOLUTE SUPPORT. HANGER SHALL BE ADJUSTABLE IN THIS ALLOWING PROPER SLOPE IN PIPING AND LOAD DISTRIBUTION. HANGER USED FOR INSULATED PIPING ARE TO BE PROVIDED WITH CLAMPS THERMAL SHIELDS SIZED FOR THE OVER C.D. OF PIPING AND INSULATION PREVENTING BREAKS AND DEFORMATION IN THE INSULATING MATERIAL BY CLAMPS. HANGER MATERIAL IS TO MATCH THAT OF THE PIPE BEING SUPPORTED OR TO AVOID DISSIMILAR METAL CONTACT. SEISMIC RESTRAINT TO BE PROVIDED AS REQUIRED BY THE LOCAL CODE AND AUTHORITY HAVING JURISDICTION.

- 15.14 SLEEVES: CONTRACTOR IS TO PROVIDE SLEEVES WHERE PIPING PENETRATES FLOOR SLABS EXTERIOR WALLS AND ROOFS. SLEEVES ARE NOT REQUIRED WHERE HOLES ARE CORE DRILLED AND CORES ALLOW A MINIMUM OF 1" CLEAR SPACE AROUND THE PIPE PASSING THROUGH. GALVANIZED PIPE SLEEVES WITH SLEEVE SEAL SYSTEM ARE TO BE INSTALLED AT ANY PENETRATIONS THROUGH SLAB ON GRADE AND EXTERNAL WALL PENETRATIONS. SLEEVES SYSTEMS ARE TO BE SIZED TO ALLOW 1" CLEAR SPACE AROUND THE PIPE. GALVANIZED PIPE SLEEVES ARE TO BE INSTALLED ON INTERIOR FLOOR PENETRATIONS AND ROOF PENETRATIONS.
- 15.15 ESCUTCHEONS: ESCUTCHEONS ARE TO BE PROVIDED ON ALL PIPE PENETRATIONS OF FLOORS, WALLS AND CEILINGS. ESCUTCHEONS ARE TO BE ONE-PIECE STAMPED STEEL WITH A CHROME FINISH AND SPRING POSITIONING CLAMPS. ESCUTCHEONS ARE TO BE SIZED AS MINIMALLY AS POSSIBLE TO FIT OVER PIPE AND INSULATION AND AS REQUIRED TO COVER THE ENTIRE PENETRATION. EXCEPT IN THE CASE OF ACUSTIC CEILINGS THE ESCUTCHEON AND SURFACE PENETRATES IS TO BE FINISHED WITH SLOUCOE, COLOR TO MATCH THE SURFACE. ON MILL METAL FINISHES CLEAR SLOUCOE IS TO BE USED.
- 15.16 FIRE PROTECTION: THE BUILDING CURRENTLY HAS A WET PIPE FIRE SYSTEM THAT WILL NEED RENOVATION TO MEET THE NEW SPACE NEEDS AND CODE REQUIREMENTS. THE FIRE PROTECTION SYSTEM IS TO BE DESIGNED BY A QUALIFIED LICENSED PROFESSIONAL TO PROVIDE COMPREHENSIVE DESIGN CALCULATIONS AND SHOP DRAWINGS FOR SAID SYSTEMS. ALL DESIGN DATA IS TO BE PROVIDED TO THE ENGINEER FOR REVIEW DURING THE SUBMITTAL PROCESS AND TO THE AUTHORITY HAVING JURISDICTION AS A DEFERRED BUILDING DEPARTMENT SUBMITTAL. THE SYSTEM IS TO BE ADHERE TO THE FOLLOWING CRITERIA AND STANDARDS.

THE PIPING, HEAD RISER ETC. LOCATIONS THROUGHOUT THE BUILDING ARE TO BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR REVIEW. THE DESIGN IS NOT CONSIDERED COMPLETE UNTIL THE ROUTING AND LOCATION OF THE FIRE PROTECTION SYSTEMS SATISFIES THE ARCHITECT AND ENGINEER.

THE PROPOSED WET PIPE FIRE SUPPRESSION SYSTEM IS TO BE DESIGNED AND INSTALLED AS REQUIRED BY NFPA 13. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE ALL ENGINEERING, DESIGN, FLOW TESTING, INSTALLATION AND WARRANTY OF THE AUTOMATIC FIRE SYSTEM MEETING THE REQUIREMENTS OF THIS SPECIFICATION AND ALL GOVERNING CODES. ALL PIPING IN THE FIRE SYSTEM IS TO BE BLACK STEEL PIPE WITH GROOVE-LOCK FITTINGS. ALL FIRE SPRINKLERS ARE TO BE LISTED PER U.S. FIRE PROTECTION EQUIPMENT DIRECTORY OR FM GLOBAL'S "APPROVAL GUIDE." THE SYSTEM IS TO BE DESIGNED AND INSTALLED SUCH THAT IT CAN WITHSTAND SUPPLY PRESSURE OF 300 PSIG. ALL PIPE AND FITTINGS ARE TO MEET OR EXCEED THESE REQUIREMENTS.

SPRINKLER SYSTEMS ARE TO BE SLOPED TO ALLOW FOR COMPLETE DRAINAGE OF THE SYSTEM. INSTALL DRAIN VALVES AS REQUIRED FOR PROPER DRAINING. INSTALL NEW ALARM FOR FIRE SUPPRESSION PIPING SERVING THE NEW SPACE AND THE INTO (N) FIRE ALARM SYSTEM PROVIDED BY OTHERS. ALL PIPING INSTALLATION SHALL BE IN ACCORDANCE WITH THE PIPING SECTIONS OF THIS SPECIFICATION.

THE EXISTING FIRE SUPPRESSION SYSTEM IS TO BE REVISED AS REQUIRED IN EXISTING AREAS, ADDED TO AND EXTENDED INTO ALL NEW ADDITIONS, RELOCATED ALL FIRE SUPPRESSION HEADS AS REQUIRED BY THE NEW, REMOVED AND RELOCATED CEILINGS THROUGHOUT THE SPACE.

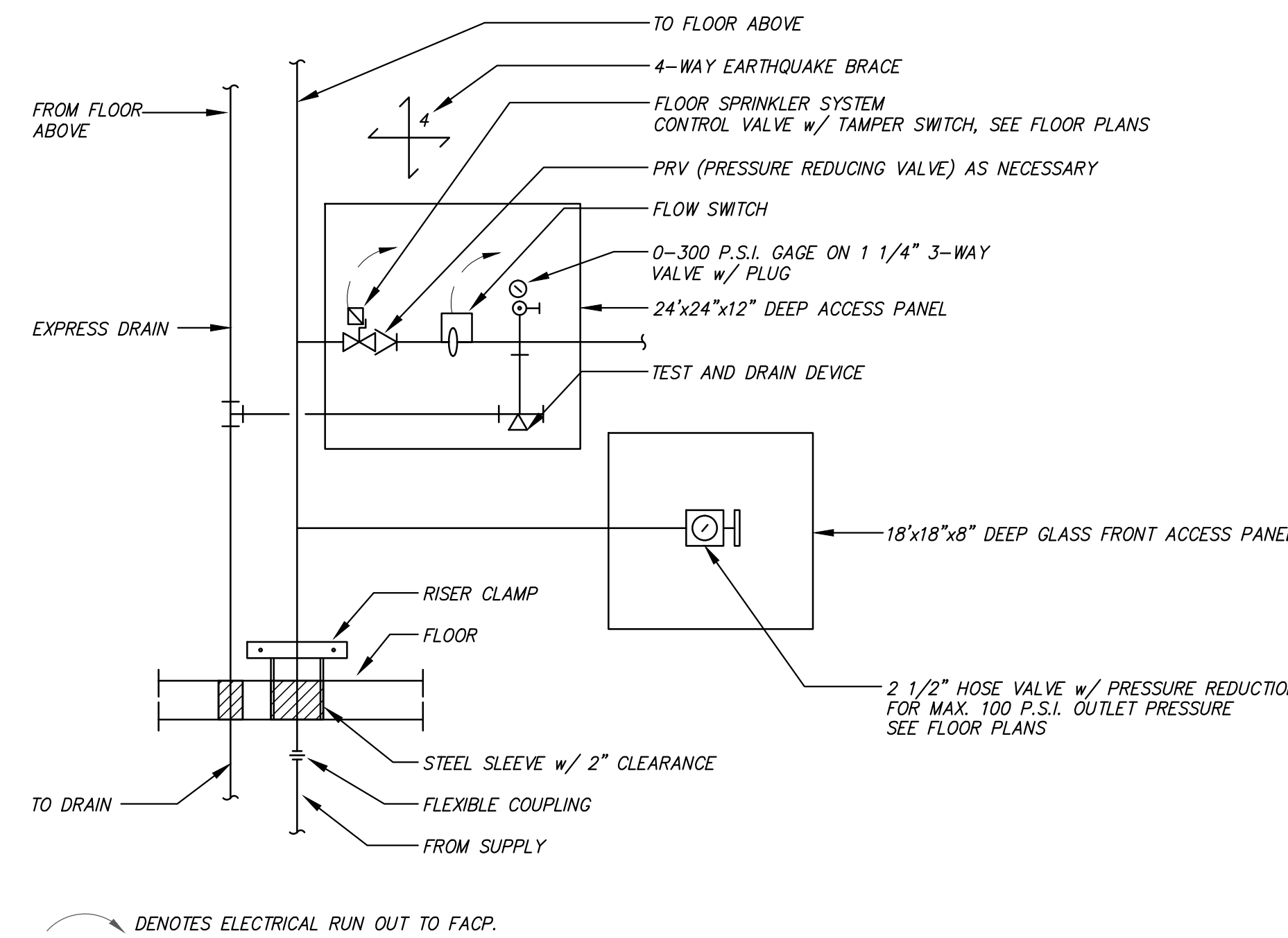
THE INFORMATION ON THIS SHEET IS INTENDED AS A SCHEMATIC REPRESENTATION OF THE WORK TO BE COMPLETED. ALL WORK IS TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR COMMENCEMENT OF ANY WORK. NO ADDITIONAL FEES WILL BE ALLOWED DUE TO LACK OF FIELD VERIFICATION.

SPRINKLER HEADS IN T-BAR CEILING TYPES ARE TO BE INSTALLED IN THE CENTER OF THE ACoustICAL TILE. DRY TYPE SYSTEM AND HEADS ARE TO BE PROVIDED IN AREAS THAT ARE SUBJECT TO FREEZE.

CONTRACTOR IS TO PROVIDE A SPRINKLER CABINET CONTAINING THE NUMBER REQUIRED BY NFPA 13 OF EACH TYPE OF HEAD USE IN THE BUILDING AND NECESSARY TOOLS TO REPLACE.

FIRE SUPPRESSION CONTRACTOR IS TO FIELD COORDINATE THE INSTALLATION OF THE SYSTEM WITH ALL TRADES PRIOR TO COMMENCEMENT OF THEIR WORK. SHOULD THE FIRE SUPPRESSIONS SYSTEM IN CONFLICT WITH ANY OTHER TRADE THAT IS NOT EASILY RECTIFIED BY SAID TRADE THE FIRE SUPPRESSION CONTRACTOR WILL BE RESPONSIBLE FOR RELOCATING THEIR SYSTEM. NO ADDITIONAL FEES WILL BE ALLOWED DUE TO A LACK OF FIELD COORDINATION WITH OTHER TRADES INCLUDING ANY COSTS INCURRED BY A REDESIGN OF THE SYSTEM DUE TO THE CONFLICT. IT IS UNDERSTOOD THAT MUCH OF THE FIRE SUPPRESSION SYSTEM IS FACTORY FITTED FOR FIELD ASSEMBLY. THIS FACT EMPLIFIES THE NEED FOR FIELD COORDINATION PRIOR TO CONSTRUCTION. SHOULD THE ENGINEER PROVIDE ANY DESIGN DRAWINGS TO THE FIRE PROTECTION CONTRACTOR FOR PRELIMINARY COORDINATION THE CONTRACTOR IS STILL OBLIGATED TO COORDINATE THEIR WORK WITH ALL TRADES PRIOR TO COMMENCEMENT OF WORK. COORDINATION DOCUMENTATION PROVIDED BY THE ENGINEER IS FOR SCHEMATIC COORDINATION AND REPRESENTS NO DETAIL LEVEL HIGHER THAN THAT. SHOULD A CONFLICT ARISE DUE TO COORDINATION WITH ONLY THE DESIGN DRAWINGS IT WILL BE THE FIRE SUPPRESSION CONTRACTORS RESPONSIBILITY OR RELOCATE THEIR WORK AT NO ADDITIONAL COST TO THE OWNER.

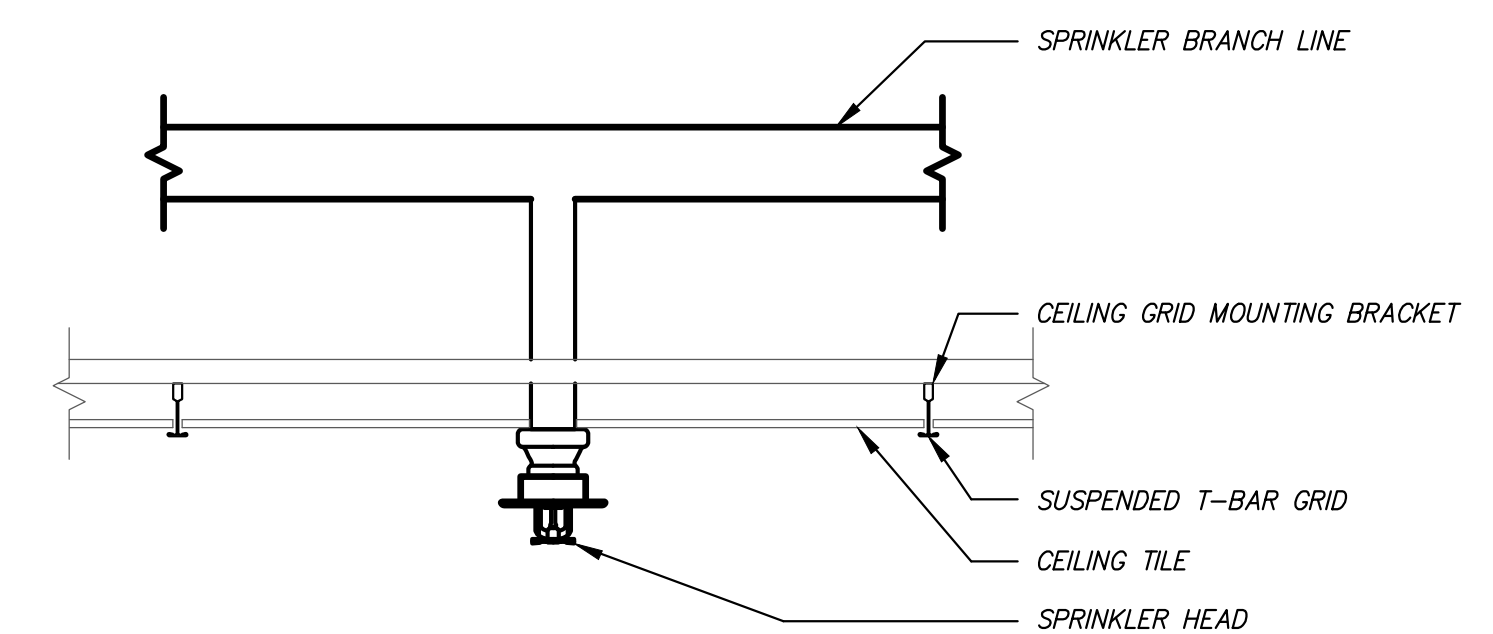
15.17 SEISMIC RESTRAINT: ALL FIRE SUPPRESSION SYSTEM PIPING AND EQUIPMENT IS TO BE SEISMICALLY RESTRAINED PER THE NFPA, AMERICAN SOCIETY OF CIVIL ENGINEERS AND STRUCTURAL ENGINEERING INSTITUTE. RESTRAINT SYSTEMS ARE TO BE COMPLETED IN A "DESIGN BUILD" FASHION BY THE AWARDED CONTRACTOR AND ARE TO BE INCLUDED IN THE PROJECT BID. THE CONTRACTOR IS TO ENLIST A QUALIFIED LICENSED PROFESSIONAL TO PROVIDE COMPREHENSIVE DESIGN CALCULATIONS AND SHOP DRAWINGS FOR SAID SYSTEMS. ALL DESIGN DATA IS TO BE PROVIDED TO THE ENGINEER AND AUTHORITY HAVING JURISDICTION FOR REVIEW DURING THE SUBMITTAL PROCESS.



↖ DENOTES ELECTRICAL RUN OUT TO FACP.

NOTE: LOCATE ON FLOOR SERVED

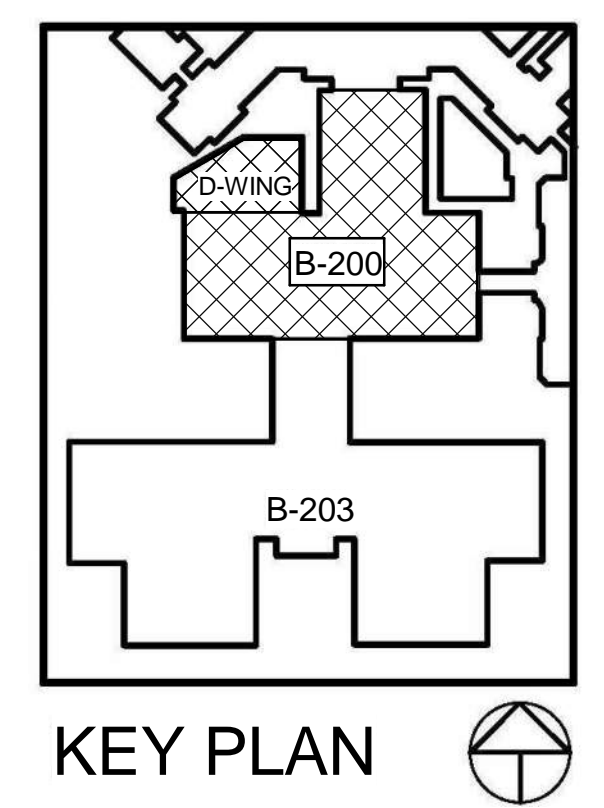
A	TYPICAL FLOOR CONTROL ASSEMBLY
FS1.00	SCALE: NO SCALE



B	TYPICAL CEILING TILE HEAD ASSEMBLY
FS1.00	SCALE: NO SCALE

FIRE SUPPRESSION SYMBOL LIST

LINE TYPE	ABBREVIATION	INTENT
	UP	PIPE UP
	DN	PIPE DOWN
	-	WET SYSTEM PIPING
	-	WET SYSTEM UPRIGHT SPRINKLER
	-	WET SYSTEM PENDENT SPRINKLER
	-	WET SYSTEM UPRIGHT P PENDENT SPRINKLER
	-	DRY SYSTEM PIPING
	-	DRY SYSTEM UPRIGHT SPRINKLER
	-	DRY SYSTEM PENDENT SPRINKLER
	-	DRY SYSTEM UPRIGHT P PENDENT SPRINKLER
	-	SIDEWALL SPRINKLER
	P.O.D.	POINT OF DISCONNECT
	P.O.C.	POINT OF CONNECTION
	(N)	NEW
	(E)	EXISTING
	AFF	ABOVE FINISHED FLOOR
	AFG	ABOVE FINISHED GRADE
	BFF	BELOW FINISHED FLOOR
	BFG	BELOW FINISHED GRADE
	MIN	MINIMUM
	TYP	TYPICAL
	GPM	GALLON PER MINUTE



FINAL BID DOCUMENTS

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ADDENDUM 1

Revisions:

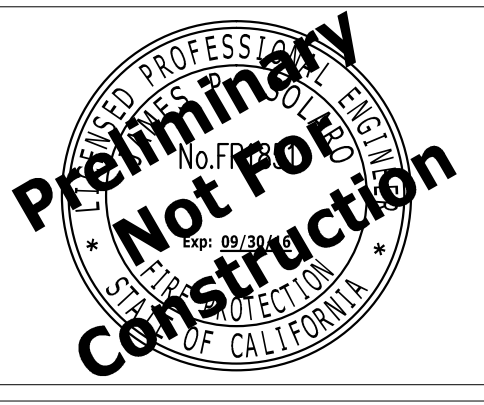
07/01/16

Date

JP #

10597 Double R Blvd.
Reno, Nevada 89521

P: 775.852.2337
F: 775.852.2352



ARCHITECT/ENGINEERS:



HILLIARD ARCHITECTS, INC
1330 Broadway, Suite 1111
Oakland, CA 94612
Tel 415 989 6400, Fax 415 989 3056
www.HilliardArchitects.com

FIRE SUPPRESSION NOTES & DETAILS

Approved: Project Director

EXPAND CLINICAL OR AND SURGERY

Location
4150 Clement Street

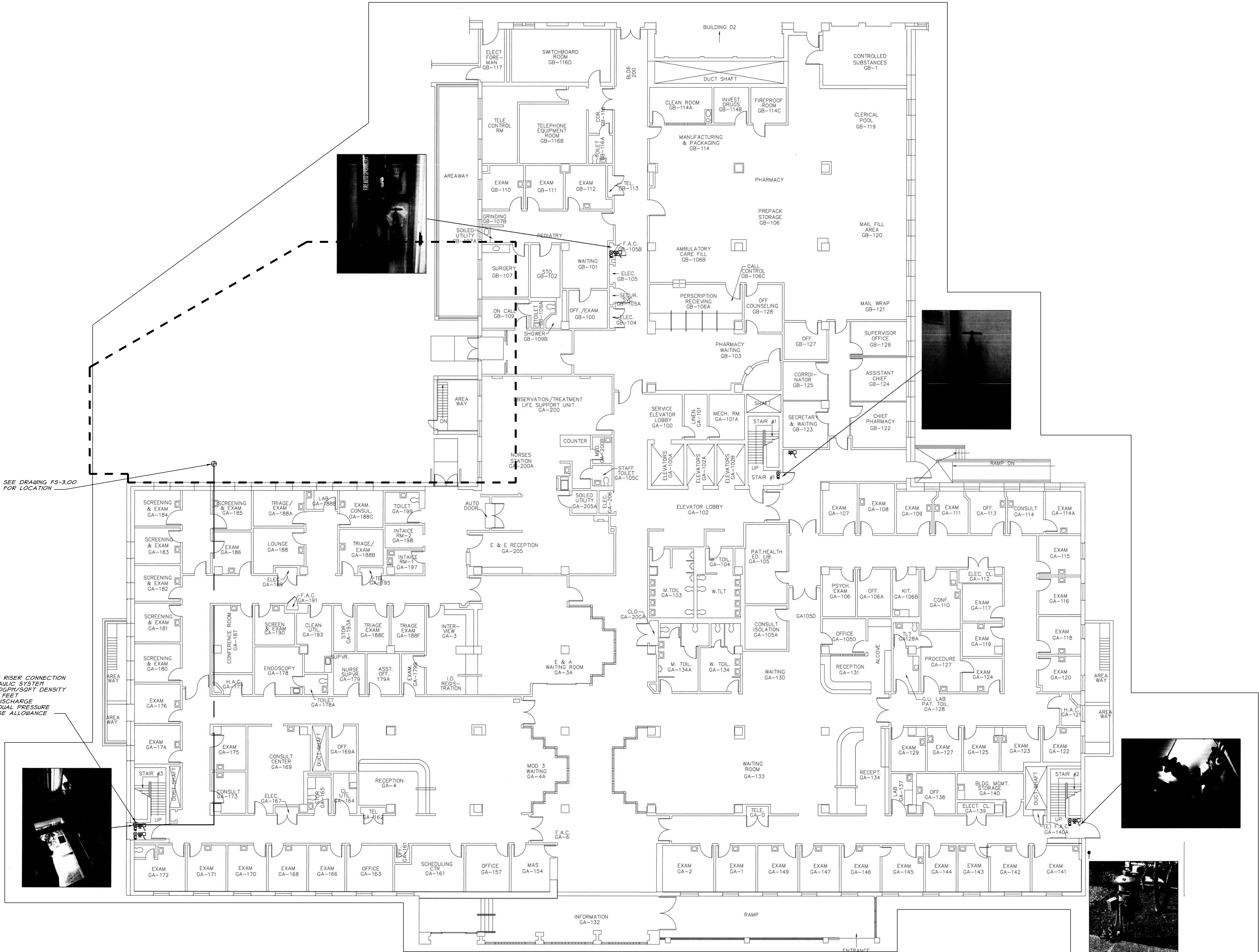
Date	Checked	Drawn
06/30/2016	JPS	SME

Project Number 662-618
Building Number 200 & 203
Drawing Number FS 1.00
Dwg. 77 of 148

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot

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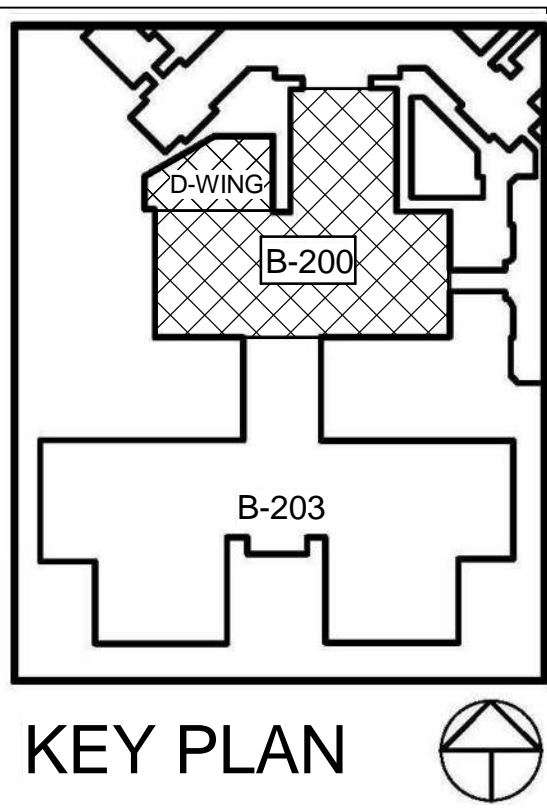
1 LEVEL 4 FLOOR - DEMOLITION



SEE DRAWING FS-3.00 FOR LOCATION

EXISTING SYSTEM RISER CONNECTION LOCATION HYDRAULIC SYSTEM DESIGNED FOR 100 GPM/SQFT DENSITY
100 SQUARE FEET
200 PSI DISCHARGE
171 PSI RESIDUAL PRESSURE
100 GPM HOSE ALLOWANCE

B-200 1ST FLOOR FIRE SUPPRESSION PLAN
SCALE: 3/32" = 1'-0"



KEY PLAN

FINAL BID DOCUMENTS

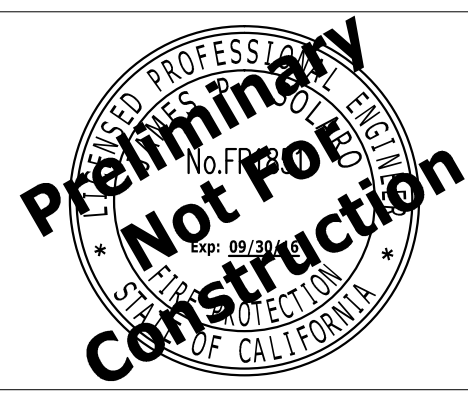
ADDENDUM 1	07/01/16
Revisions:	Date

CONSULTANTS:

JP ENGINEERING

10597 Double R Blvd.
Reno, Nevada 89521

P: 775.852.2337
F: 775.852.2352



ARCHITECT/ENGINEERS:



HILLIARD ARCHITECTS, INC
1330 Broadway, Suite 1111
Oakland, CA 94612
Tel 415 989 6400, Fax 415 989 3056
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Drawing Title
1ST FLOOR FIRE SUPPRESSION PLAN

Approved: Project Director

Project Title
EXPAND CLINICAL OR AND SURGERY

Location
4150 Clement Street

Date	06/30/2016	Checked	JPS	Drawn	SME
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Project Number	662-618
Building Number	200 & 203
Drawing Number	FS 2.00
Dwg. 78 of 148	

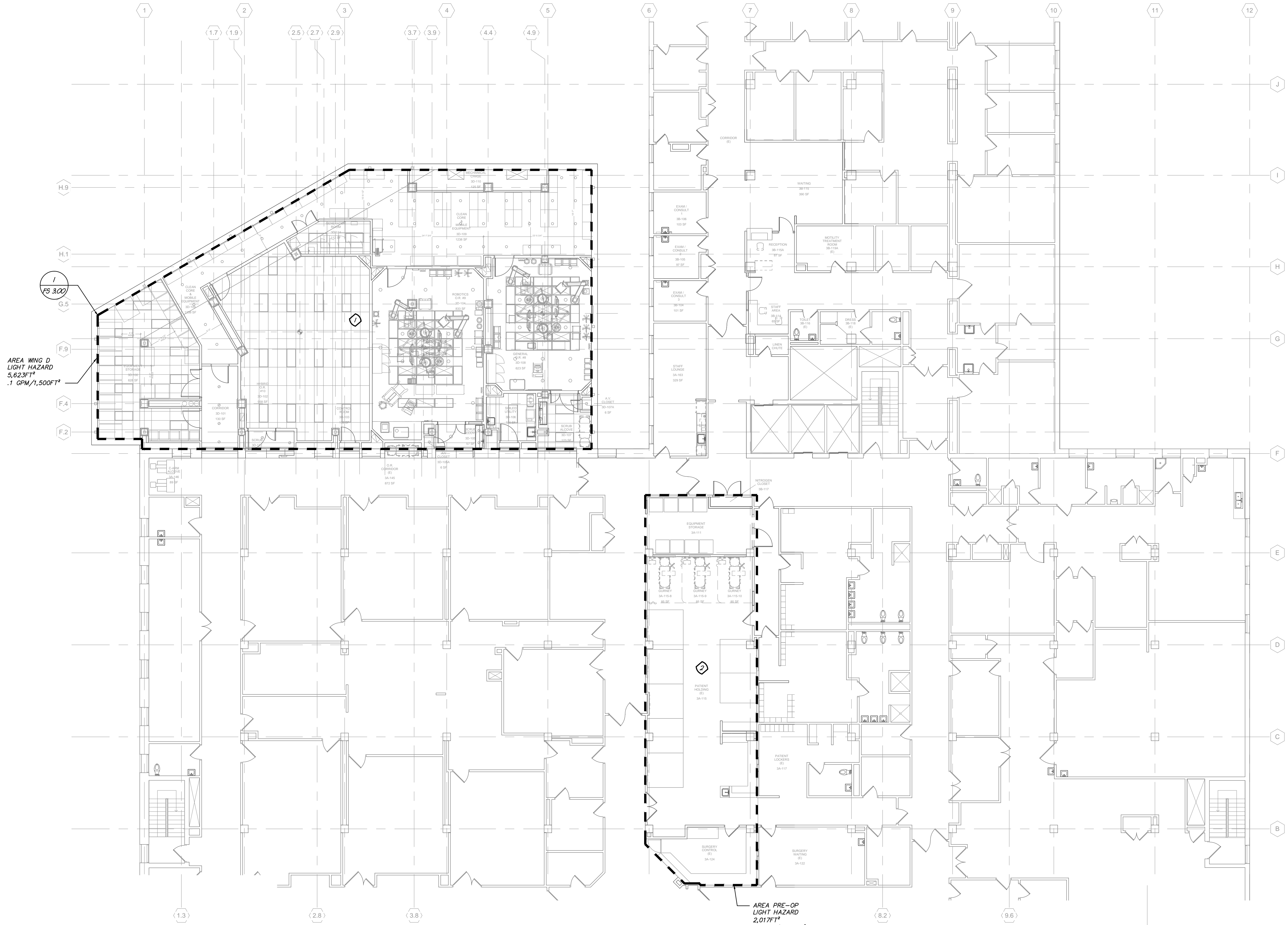
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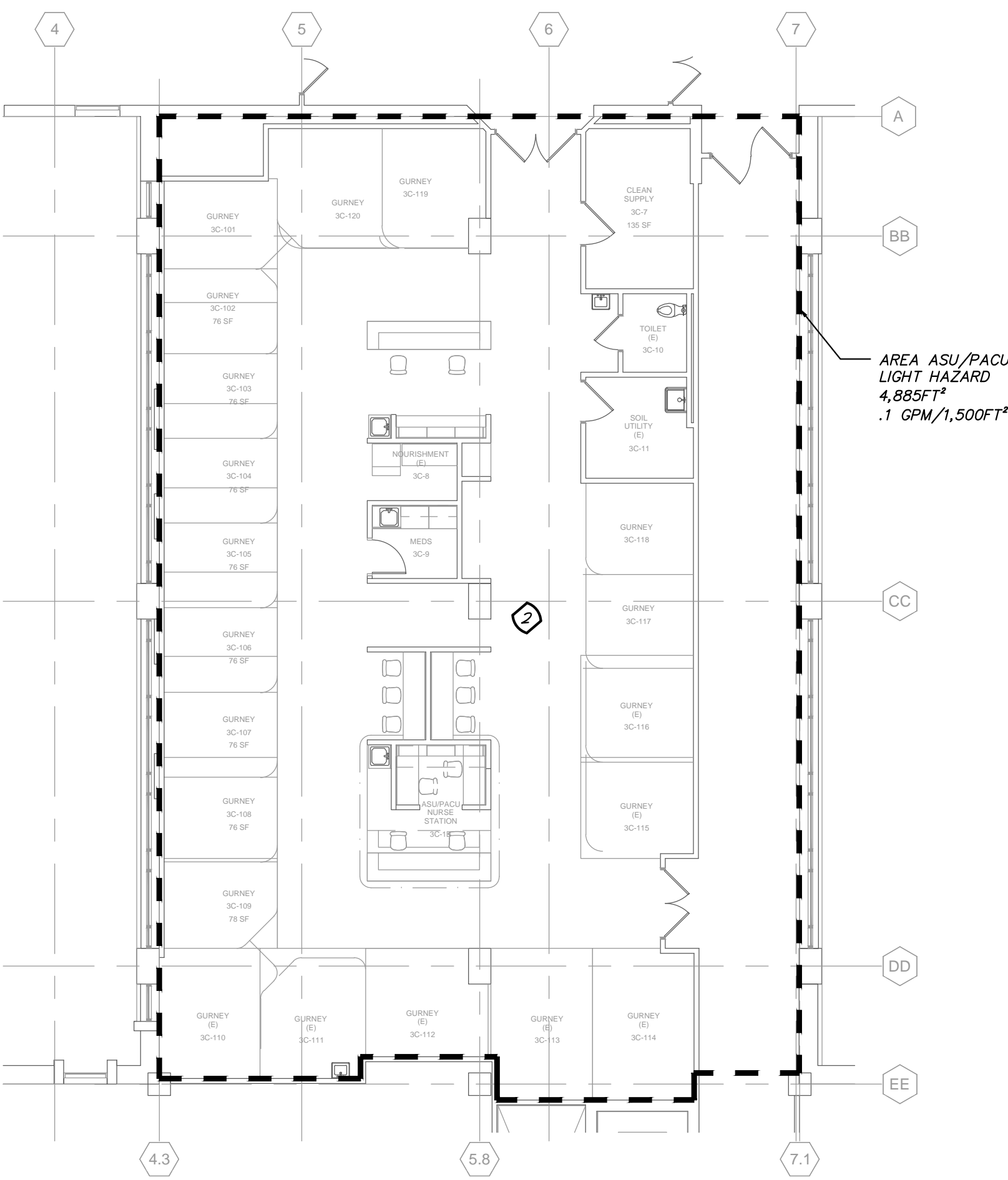
NOTES

NEW FLOOR. SEE ENLARGED PLAN FOR DETAILED INFORMATION

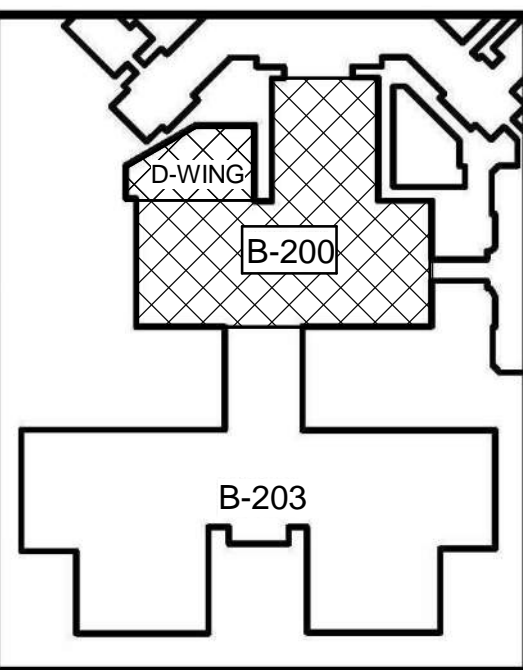
EXISTING SYSTEM SHALL BE MODIFIED TO MEET NEW WALL PARTITION CONDITIONS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND HEAD LOCATION. PROVIDE DRAWINGS TO AHS PRIOR TO COMMENCING WORK



B-200 THIRD FLOOR SUPPRESSION PLAN
SCALE: 3/32" = 1'-0"



B-203 THIRD FLOOR SUPPRESSION PLAN
SCALE: 3/32" = 1'-0"



KEY PLAN

FINAL BID DOCUMENTS

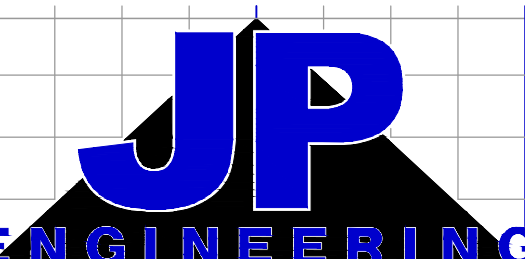
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ADDENDUM 1	07/01/16	10597 Double R Blvd. Reno, Nevada 89521	P: 775.852.2337 F: 775.852.2352
Revisions:	Date		

CONSULTANTS:



ARCHITECT/ENGINEERS:



HILLIARD ARCHITECTS, INC
1330 Broadway, Suite 1111
Oakland, CA 94612
Tel 415 989 6400, Fax 415 989 3056
www.HilliardArchitects.com

Drawing Title
FIRE SUPPRESSION
FLOOR PLAN

Approved: Project Director

Project Title
EXPAND CLINICAL OR
AND SURGERY

Location
4150 Clement Street

Date
06/30/2016

Checked
JPS

Drawn
SME

Project Number
662-618

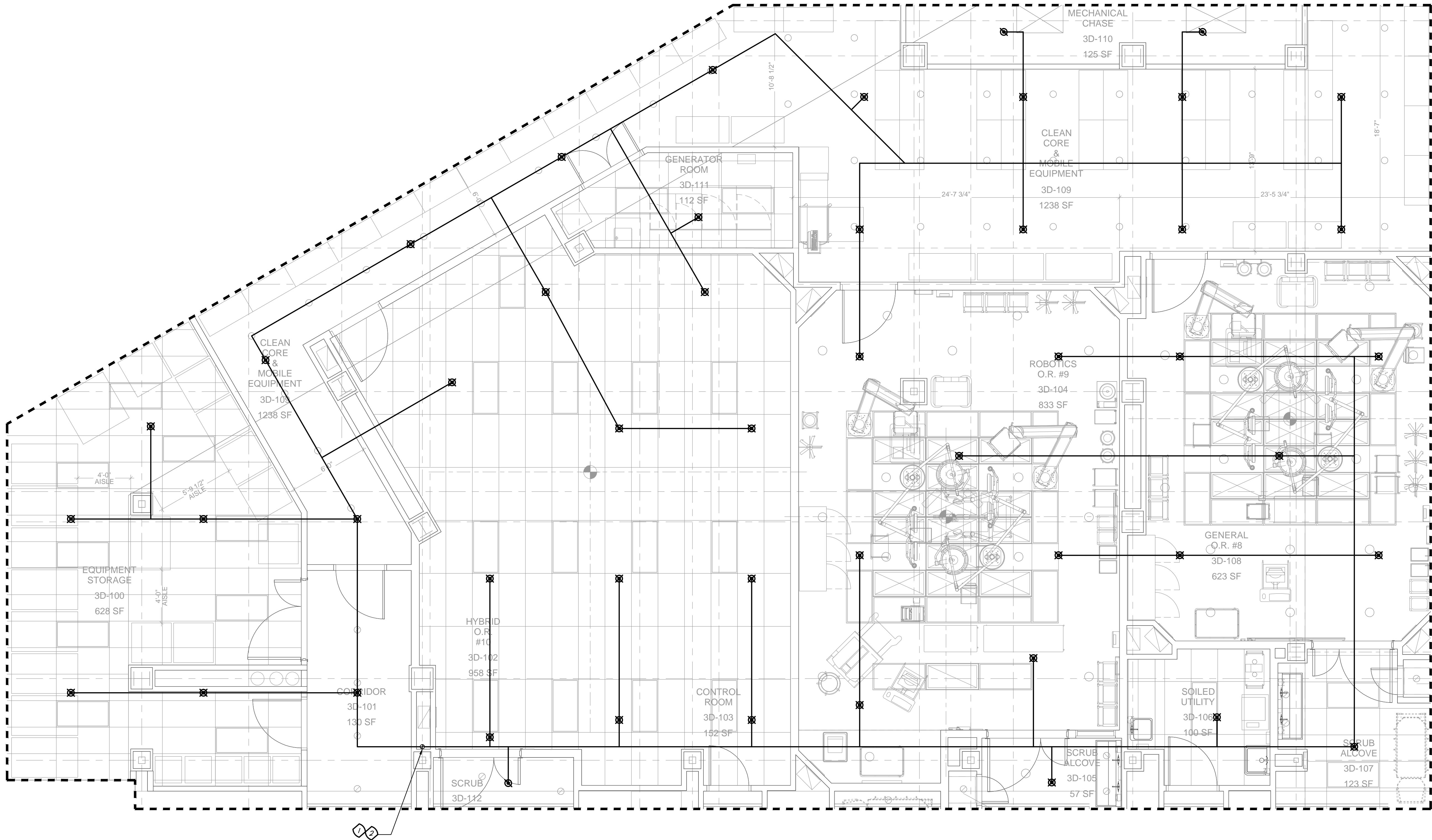
Building Number
200 & 203

Drawing Number
FS 2.10

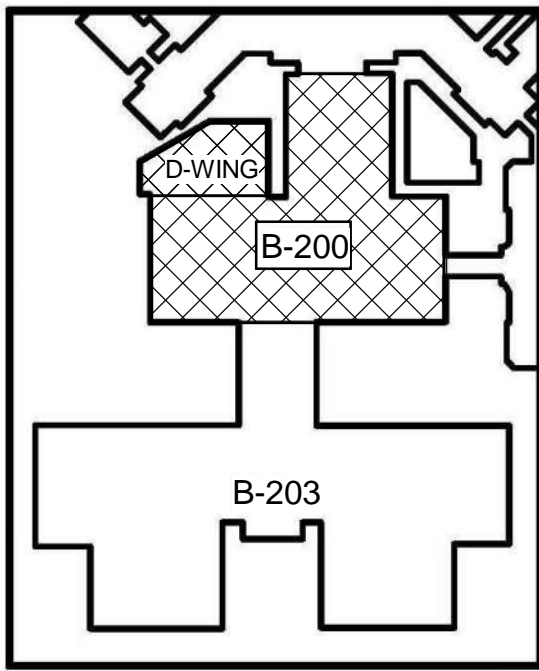
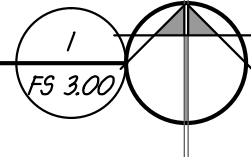
Dwg. 79 of 148

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one sixteenth inch = one foot

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ENLARGED 3RD FLOOR SUPPRESSION PLAN
SCALE: 1/4" = 1'-0"



KEY PLAN

FINAL BID DOCUMENTS

CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title		Project Title		Project Number	
 JP ENGINEERING 10597 Double R Blvd. Reno, Nevada 89521 P: 775.852.2337 F: 775.852.2352		 HILLIARD ARCHITECTS, INC 1330 Broadway, Suite 1111 Oakland, CA 94612 Tel 415 989 6400, Fax 415 989 3056 www.HilliardArchitects.com		ENLARGED 3RD FLOOR FIRE SUPPRESSION PLAN		EXPAND CLINICAL OR AND SURGERY		662-618	
ADDENDUM 1 Revisions:				Approved: Project Director		Location 4150 Clement Street		Building Number 200 & 203	
Date 07/01/16				Date 06/30/2016		Checked JPS		Drawing Number FS 3.00	
						Drawn SME		Dwg. 80 of 148	

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