

KEYNOTES

- 13.901 COORDINATE SPRINKLER PROTECTION PER REMOVAL, RELOCATION AND/OR ADDITION OF WALLS AND/OR CEILINGS. WHERE NECESSARY, REMOVE EXISTING SPRINKLER(S) AND ASSOCIATED PIPING. CAPPLUGS/OUTLETS NOT INTENDED FOR REUSE. WHERE NEW SPRINKLER(S) ARE REQUIRED WITHIN THE SAME COMPARTMENT AS EXISTING TO REMAIN SPRINKLER. NEW SPRINKLERS SHALL MATCH EXISTING SPRINKLER TYPE, K-FACTOR, TEMPERATURE RATING AND FINISH. WHERE APPLICABLE, ALIGN NEW SPRINKLER WITH EXISTING TO REMAIN SPRINKLERS, AND COORDINATE WITH NEW AND EXISTING EQUIPMENT AND WALLS TO MEET NFPA 13 SPACING REQUIREMENTS. NOT MORE THAN SPRINKLER SHALL BE SUPPLIED TO ONE CONNECTION.
- 13.951 PROVIDE NEW MAIN AS SHOWN. LOCATE ABOVE THE BOTTOM CHORD OF THE JOIST FIELD VERTICALLY THROUGH EXISTING BUILDING EQUIPMENT AND EXISTING EQUIPMENT AND WALLS TO MEET NFPA 13 SPACING REQUIREMENTS. NOT MORE THAN SPRINKLER SHALL BE SUPPLIED TO ONE CONNECTION.
- 13.976 REPLACE EXISTING SPRINKLERS TO MEET NFPA 13.2 SPRINKLERS. REPLACE EXISTING SPRINKLERS OR SPECIFIC NEW SPRINKLERS TO BE INSTALLED.
- 13.995 PROVIDE POINT ON THE HIGHEST POINT OF SYSTEM PIPEWORK IN THE MAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THE HIGHEST POINT OF EACH SYSTEM AND INSTALLING THE AIR VENT IN AN ACCESSIBLE LOCATION. REF 1-FFP3.

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STIPULATION FOR THE CONTRACTOR:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES.

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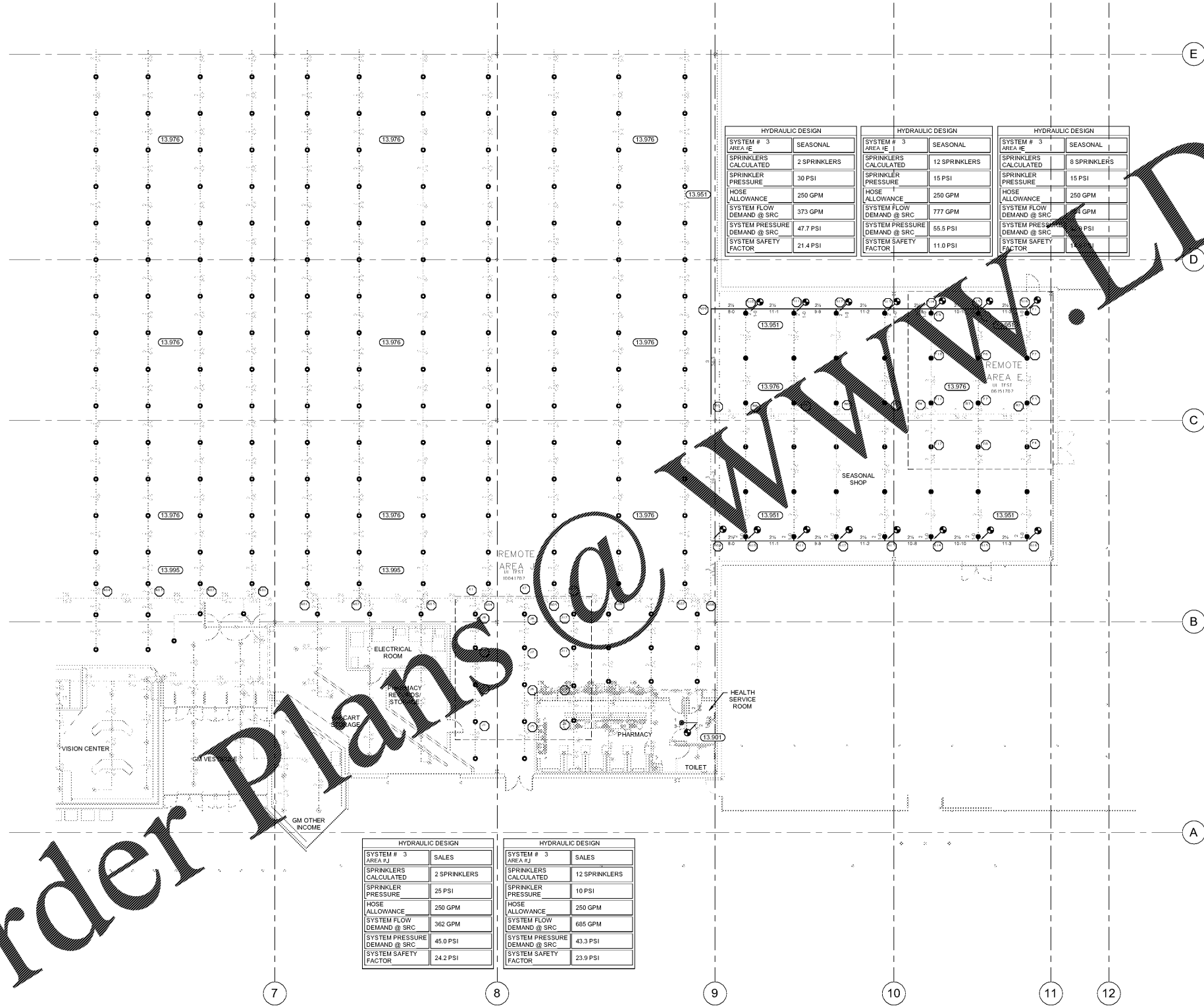
NOT FOR CONSTRUCTION

ENLARGED FIRE SPRINKLER PLAN

SHEET: FP.2.3

HYDRAULIC DESIGN		HYDRAULIC DESIGN		HYDRAULIC DESIGN	
SYSTEM #	SEASONAL	SYSTEM #	SEASONAL	SYSTEM #	SEASONAL
3	SEASONAL	3	SEASONAL	3	SEASONAL
AREA #		AREA #		AREA #	
SPRINKLERS CALCULATED	2 SPRINKLERS	SPRINKLERS CALCULATED	12 SPRINKLERS	SPRINKLERS CALCULATED	8 SPRINKLERS
SPRINKLER PRESSURE	30 PSI	SPRINKLER PRESSURE	15 PSI	SPRINKLER PRESSURE	15 PSI
HOSE ALLOWANCE	250 GPM	HOSE ALLOWANCE	250 GPM	HOSE ALLOWANCE	250 GPM
SYSTEM FLOW DEMAND @ SRC	373 GPM	SYSTEM FLOW DEMAND @ SRC	777 GPM	SYSTEM FLOW DEMAND @ SRC	481 GPM
SYSTEM PRESSURE DEMAND @ SRC	47.7 PSI	SYSTEM PRESSURE DEMAND @ SRC	55.5 PSI	SYSTEM PRESSURE DEMAND @ SRC	47.7 PSI
SYSTEM SAFETY FACTOR	21.4 PSI	SYSTEM SAFETY FACTOR	11.0 PSI	SYSTEM SAFETY FACTOR	11.0 PSI

HYDRAULIC DESIGN		HYDRAULIC DESIGN	
SYSTEM #	SALES	SYSTEM #	SALES
3	SALES	3	SALES
AREA #		AREA #	
SPRINKLERS CALCULATED	2 SPRINKLERS	SPRINKLERS CALCULATED	12 SPRINKLERS
SPRINKLER PRESSURE	25 PSI	SPRINKLER PRESSURE	10 PSI
HOSE ALLOWANCE	250 GPM	HOSE ALLOWANCE	250 GPM
SYSTEM FLOW DEMAND @ SRC	362 GPM	SYSTEM FLOW DEMAND @ SRC	685 GPM
SYSTEM PRESSURE DEMAND @ SRC	45.0 PSI	SYSTEM PRESSURE DEMAND @ SRC	43.3 PSI
SYSTEM SAFETY FACTOR	24.2 PSI	SYSTEM SAFETY FACTOR	23.9 PSI



Order Plans @ WAWALDLINE

1 ENLARGED FIRE SPRINKLER PLAN
3/32" = 1'-0"
SCALE: 3/32" = 1'-0"

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT THEMSELVES WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.