

KEYNOTES

- 13.976 REPLACE EXISTING SPRINKLER WITH NEW TYCO 11.2K SPRINKLERS. REFERENCE FP1 SPRINKLER LEGEND FOR SPECIFIC NEW SPRINKLERS TO BE INSTALLED.
- 13.977 REPLACE EXISTING UPRIGHT SPRINKLER WITH NEW TYCO 16.8K SPRINKLERS. REFERENCE FP1 SPRINKLER LEGEND FOR SPECIFIC NEW SPRINKLERS TO BE INSTALLED.
- 13.980 PROVIDE NEW UPRIGHT SPRINKLERS AS SHOWN. ALIGN WITH EXISTING SPRINKLERS AND COORDINATE WITH NEW AND EXISTING EQUIPMENT AND WALLS TO MEET NFPA 13 SPACING REQUIREMENTS.

thaci & Peterson
 ARCHITECTS
 1000 W. BROADWAY
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STIPULATION FOR REVIEW
 THIS DRAWING IS FOR REVIEW ONLY AND IS NOT TO BE USED FOR CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

CONSULTANTS
HENDERSON
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 EXP. DATE 03/02/20

Walmart
JESUP, GA
 STORE NO. 1095
 JOB NUMBER: 19046260 139 SC GENERAL MODEL

ISSUE BLOCK	

CHECKED BY: NAVI/EC
 DRAWN BY: NM
 PROTO: 139 SC
 PHOTO CYCLE: 08/31/18
 DOCUMENT DATE: 10/05/18

NOT FOR CONSTRUCTION

ENLARGED FIRE SPRINKLER PLAN

SHEET: FP.2.1

HYDRAULIC DESIGN	
SYSTEM # 1	GR RECEIVING
AREA A	
SPRINKLERS CALCULATED	12 SPRINKLERS
SPRINKLER PRESSURE	7 PSI
HOSE ALLOWANCE	250 GPM
SYSTEM FLOW DEMAND @ SRC	824 GPM
SYSTEM PRESSURE DEMAND @ SRC	41.7 PSI
SYSTEM SAFETY FACTOR	24.4 PSI

HYDRAULIC DESIGN	
SYSTEM # 1	GR RECEIVING
AREA A	
SPRINKLERS CALCULATED	2 SPRINKLERS
SPRINKLER PRESSURE	12 PSI
HOSE ALLOWANCE	250 GPM
SYSTEM FLOW DEMAND @ SRC	367 GPM
SYSTEM PRESSURE DEMAND @ SRC	29.2 PSI
SYSTEM SAFETY FACTOR	29.2 PSI

HYDRAULIC DESIGN	
SYSTEM # 2	SALES
AREA D	
SPRINKLERS CALCULATED	12 SPRINKLERS
SPRINKLER PRESSURE	10 PSI
HOSE ALLOWANCE	250 GPM
SYSTEM FLOW DEMAND @ SRC	681 GPM
SYSTEM PRESSURE DEMAND @ SRC	52.5 PSI
SYSTEM SAFETY FACTOR	14.7 PSI

HYDRAULIC DESIGN	
SYSTEM # 2	SALES
AREA D	
SPRINKLERS CALCULATED	2 SPRINKLERS
SPRINKLER PRESSURE	25 PSI
HOSE ALLOWANCE	250 GPM
SYSTEM FLOW DEMAND @ SRC	362 GPM
SYSTEM PRESSURE DEMAND @ SRC	46.1 PSI
SYSTEM SAFETY FACTOR	23.0 PSI



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

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. 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.