

GENERAL FIRE PROTECTION NOTES

A. RENOVATED AREAS SHALL BE 100% SPRINKLERED.

B. COORDINATE CLOSELY WITH OTHER TRADES. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

C. ALL SPRINKLER WORK SHALL BE INSTALLED PER NFPA 13, BUILDING CODE, AND OWNERS INSURANCE CARRIER REQUIREMENTS.

D. MAKE PROVISIONS FOR DRAINING AND PROVIDE INSPECTOR TESTS AS REQUIRED. ALL DRAIN PIPING SHALL BE PIPED TO OUTSIDE OR INDIRECTLY TO SINK OR FLOOR DRAIN.

E. COORDINATE EXACT LOCATION OF PIPING AND HEADS WITH REFLECTED CEILING PLANS, MECHANICAL AND ELECTRICAL DRAWINGS.

F. ALL HOSE VALVES AND FIRE DEPARTMENT CONNECTIONS SHALL MATCH LOCAL FIRE DEPARTMENT THREADS.

G. ALL FIRE SUPPRESSION WORK SHALL BE PERFORMED BY A FIRE PROTECTION CONTRACTOR LICENSED IN THE STATE OF OHIO.

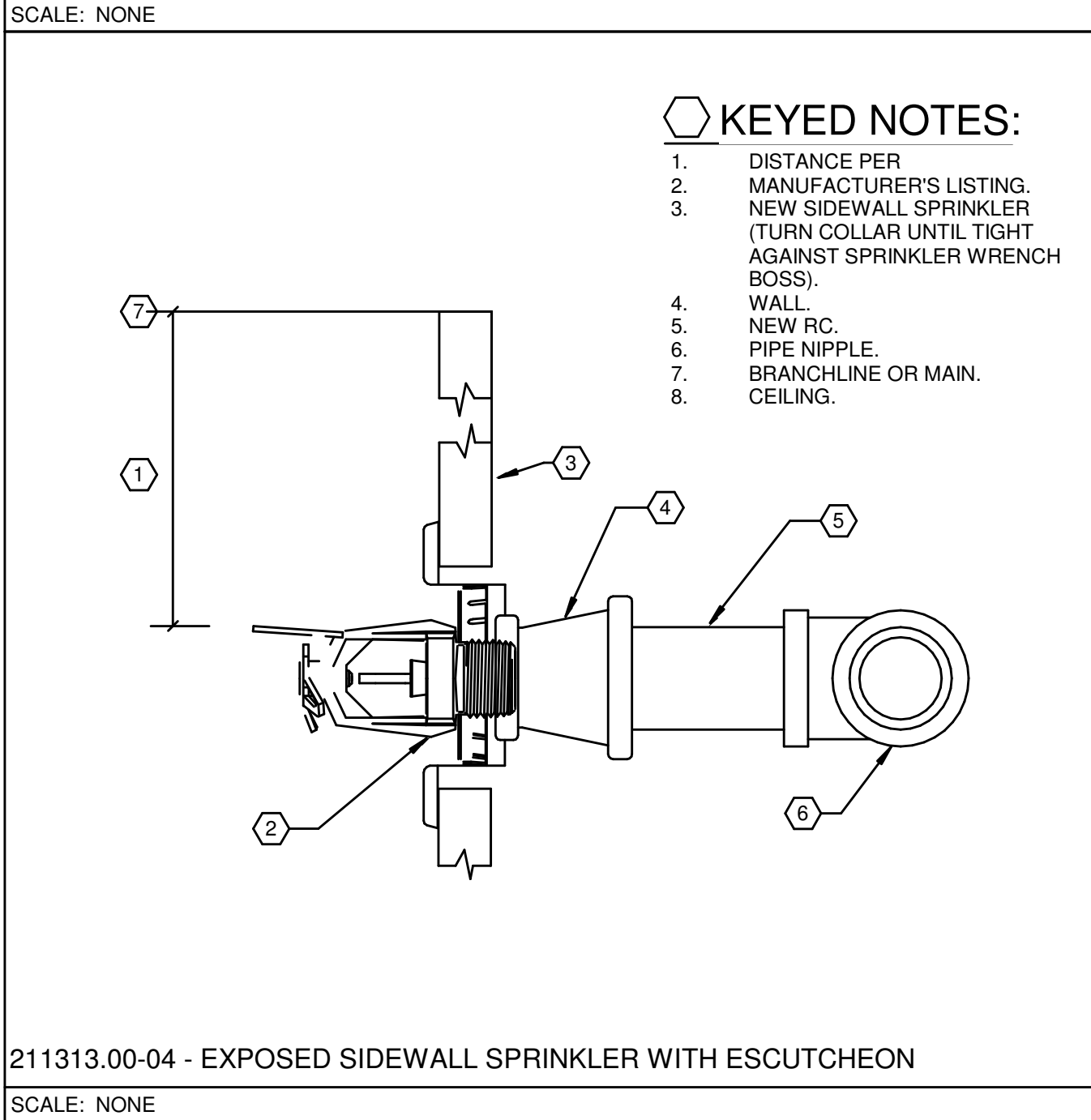
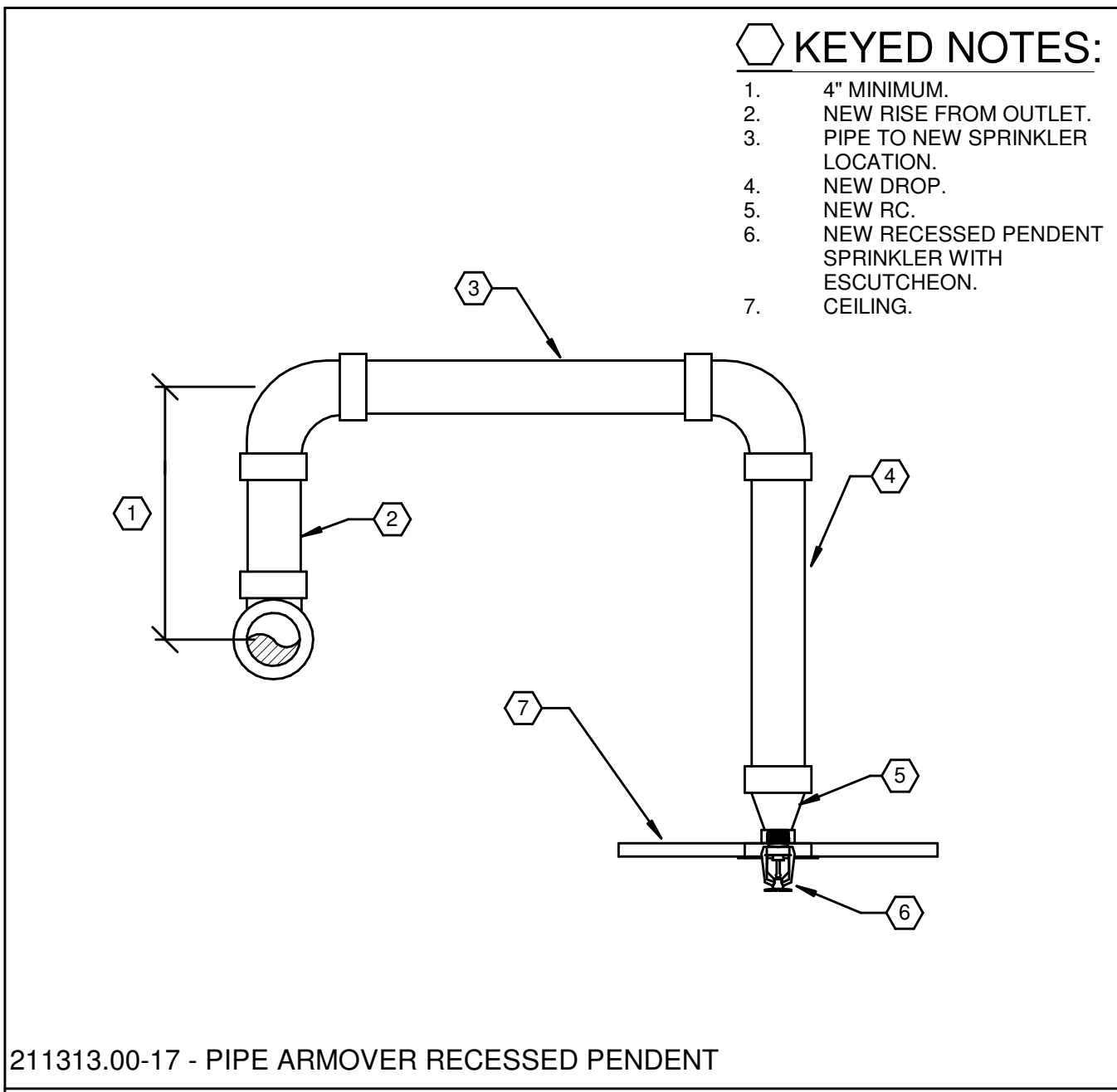
H. ALL SPRINKLER HEADS SHALL BE LOCATED IN CENTER OF CEILING TILE, PLUS OR MINUS ONE HALF INCH.

I. SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING FOR SPRINKLER WORK IN ALL AREAS OF BUILDING. REFER TO SPECIFICATIONS.

J. ALL ARMORER PIPING RELATED TO SPRINKLERS TO BE DEMOLISHED, SHALL HAVE ALL PIPING REMOVED BACK TO THE OUTLET ON THE BRANCHLINE.

K. WHEN MODIFYING EXISTING SPRINKLER SYSTEMS, SPRINKLER CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF THE EXISTING SPRINKLER ZONES. COORDINATE WITH NEW FIRE RATING PLANS AS NEEDED.

L. FIRE PROTECTION CONTRACTOR IS REQUIRED TO RAISE/REWORK ALL EXISTING PIPING AS NEEDED TO ACCOMMODATE NEW CEILINGS AND HIGHER CEILING HEIGHTS AS APPLICABLE.



FIRE PROTECTION LEGEND	
SYMBOL	DESCRIPTION
PIPING LINE TYPES	
	WORK SHOWN FADED INDICATES EXISTING WORK TO REMAIN OR NEW WORK BY OTHERS AS APPLICABLE
	WORK SHOWN BOLD-DASHED INDICATES SELECTIVE DEMOLITION WORK
	WORK SHOWN BOLD-SOLID INDICATES NEW WORK
	WET FIRE PROTECTION PIPING
	DRY FIRE PROTECTION PIPING
	PRE-ACTION FIRE PROTECTION PIPING
	PIPING WITH ELECTRICAL HEAT TRACE
SPRINKLER HEAD TYPES	
N. X. D.	SPRINKLER TAG (NEW, EXISTING TO REMAIN, DEMOLITION)
	CONCEALED WHITE PLATE SPRINKLER
	RECESSED PENDANT SPRINKLER
	BRASS UPRIGHT SPRINKLER
	SIDEWALL SPRINKLER
	SIDEWALL CONCEALED SPRINKLER
	MISCELLANEOUS SPRINKLER
	ATTIC SPRINKLER HEAD
	EXTENDED COVERAGE CONCEALED WHITE PLATE SPRINKLER
	EXTENDED COVERAGE RECESSED PENDENT SPRINKLER
	EXTENDED COVERAGE BRASS UPRIGHT SPRINKLER
	EXTENDED COVERAGE SIDEWALL SPRINKLER
	EXTENDED COVERAGE CONCEALED SIDEWALL SPRINKLER
	DRY CONCEALED WHITE PLATE SPRINKLER
	DRY RECESSED PENDANT SPRINKLER
	DRY BRASS UPRIGHT SPRINKLER
	DRY SIDEWALL SPRINKLER
	DRY CONCEALED SIDEWALL SPRINKLER
	EXTENDED COVERAGE DRY CONCEALED WHITE PLATE SPRINKLER
	EXTENDED COVERAGE DRY RECESSED PENDANT SPRINKLER
	EXTENDED COVERAGE DRY BRASS UPRIGHT SPRINKLER
	EXTENDED COVERAGE DRY SIDEWALL SPRINKLER
	EXTENDED COVERAGE DRY CONCEALED SIDEWALL SPRINKLER
	EXTENDED COVERAGE BRASS UPRIGHT SPRINKLER ON SPRIG
	BRASS UPRIGHT SPRINKLER ON SPRIG
	DRY BRASS UPRIGHT SPRINKLER ON SPRIG
	EXTENDED COVERAGE DRY BRASS UPRIGHT SPRINKLER ON SPRIG
PIPING ACCESSORIES	
	FIRE PROTECTION SYSTEM STANDPIPE WITH HOSE VALVES
	CONTROL VALVE WITH TAMPER SWITCH
	FLOW SWITCH
	AUTOMATIC PRESSURE SWITCH
	SUPERVISORY PRESSURE SWITCH
	ALARM CHECK VALVE WITH FLOW SWITCH
	POST-INDICATOR VALVE
	DOUBLE CHECK DETECTOR ASSEMBLY
	CHECK VALVE
	FIRE DEPARTMENT CONNECTION
	FIRE HYDRANT
	FIRE DEPARTMENT VALVE
HAZARD OCCUPANCY	
	LIGHT HAZARD OCCUPANCY
	ORDINARY HAZARD OCCUPANCY GROUP 1
	ORDINARY HAZARD OCCUPANCY GROUP 2
	EXTRA HAZARD OCCUPANCY GROUP 1
	EXTRA HAZARD OCCUPANCY GROUP 2
MISCELLANEOUS	
	CONNECT TO EXISTING (FIELD VERIFY EXISTING UTILITY SERVICE TYPE, PRIOR TO MAKING CONNECTION)
	FIRE EXTINGUISHER CABINET WITH HOSE VALVE
	ELECTRIC ALARM BELL
	WATER MOTOR GONG
PUMPS	
FP	FIRE PUMP
JP	JOCKEY PUMP
FPC	FIRE PUMP CONTROLLER
JPC	JOCKEY PUMP CONTROLLER
RP	RELEASING PANEL

MECHANICAL/ELECTRICAL ENGINEERS
WWW.KLHENGERS.COM
1538 ALEXANDRIA PIKE, SUITE 11
FT. THOMAS, KENTUCKY 41075
800-354-8783
859-442-8093
859-442-8098 FAX
LEXINGTON, KENTUCKY
LOUISVILLE, KENTUCKY
COLUMBUS, OHIO
NEW YORK, NEW YORK

OWNERSHIP OF INSTRUMENTS OF SERVICE
All reports, plans, specifications, computer files, field data, notes and other documents and instruments prepared by the Consultant as instruments of service shall remain the property of the Consultant. The Consultant shall retain all common law, statutory and other reserved rights, including, without limitation, the copyright therein.

KROGER N273
WORTHINGTON
80 WORTHINGTON MALL
WORTHINGTON, OH 43085
for
THE KROGER COMPANY

300 Spruce Street
Suite 300
Columbus, Ohio 43215
Phone: (614) 461-4684
Fax: (614) 290-8881
www.moodynolan.com

Dwg. Coord: Author Tech. Coord: Checker Proj.# 21701

FIRE PROTECTION
COVERSHEET

PERMIT BID

F0.1
12/10/2019