NO CHANGE TO PIPING OR SPRINKLERS IN OFFICE AREAS. UPGRADE FIRE SYSTEM RISER PER DETAIL NO CHANGE TO EXISTING PIPING SYSTEM IN OFFICE AREA BELOW. NO CHANGE TO PIPING OR SPRINKLERS IN OFFICE AREAS. 6" F- existing ? CPBE suggests Locate here would be less FREEZER WALLS- NEW | → WALLS- NEW WALLS- NEW PROVIDE PROVIDE DRYPEND DRYPEND DROPS OFF P DROPS OFF 및 우 EXISITNG EXISITNG ÖUTLETS, OUTLETS, TYPICAL. TYPICAL. Sprinkler Head Schedule Symbol |Count | Thread | K-Factor Description 96 3/4" 16.8 TY7151 EXTRA SR 286 B UP TY5255 5/8 S-10.00 286 C PD 204 = Total Number of Heads this floor REMOTE AREA 2-1 CLASS I-IV COMMODITIES - USING STANDARD RESPONSE (286F HIGH TEMP) DRY PENDENT SPRINKLERS IN A COOLER CEILING OF +26 FT OR GREATER. (18" CLEARANCES BETWEEN STORAGE & SPRINKLER DEFLECTOR REQUIRED) ALLOWS FOR 24 FT STORAGE WITHOUT CHANGE TO PIPING. PROVIDE DROPS OFF EXISTING 1" OUTLETS PROVIDED. INSTALL DRY PENDENTS PER MANUFACTURES REPUVERMENTS. TEMP VARIATION ON NOTED BY CLIENTS. VERIFY TEMP VARIABLE AND MINIMUM LENGTH OF DRY DEPORTS THE PERSONNELS OF THE PROPERTY OF THE PROPER PENDENT PER SPRINKLER RECOMMENDATIONS. STORAGE OF PLASTICS PRODUCTS SHALL NOT EXCEED 8 FT. ADDITIONAL SPRINKLER UPGRADES WOULD BE REQUIRED FOR EXCEEDING PLASTICS STORAGE PER NFPA. (NFPA #13, FIGURE 14.2.4.2) .30/+2000 SQ.FT. ADJUSTED FOR 24 FT INCREASE - .40/2000 DEMANDS 42 PSI FLOWING 993 GPM AT BASE OF RISER & 1393 GPM AT SOURCE (8 PSI BELOW SUPPLY PSI) USING K=11.2 286F SPRINKLER.

TIRE SPRINKLER PLAN- SOUTH WAREHOUSE

GENERAL NOTES

- 1. FIRE SPRINKLER SYSTEM MODIFICATIONS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA#13, 2010 ED., INSTALLATION OF SPRINKLER SYSTEMS.
- 2. FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS LISTING REQUIREMENTS.
- 3. PIPE ROUTING, ELEVATIONS, SPRINKLER LOCATIONS, & DIMENSIONS ARE SCHEMATIC, AND SHALL BE USED AS REFERENCE ONLY. INSTALLER SHALL FIELD VERIFY CONDITIONS, AND PROVIDE OFFSETS AS REQUIRED FOR INSTALLATION. DEVIATION FROM SCHEMATIC PLAN SHALL BE APPROVED IN WRITING BY THE DESIGNER, PRIOR TO INSTALLATION.
- 4. SUBSTITUTION OF SPRINKLERS AND OTHER DEVICES SHALL BE OF EQUAL. SPRINKLERS, VALVES, FITTINGS, PIPE, HANGERS AND OTHER MISC. DEVICES SHALL BE UL LISTED.
- 5. ALL SPRINKLER ARMOVERS, & DROPS SHALL BE CUT IN FIELD, USING 1" PIPE, TYPICAL.
- 6. CONNECTION TO EXISTING PIPING SYSTEM MAY USE MECHANICAL TEES AS NEEDED FOR ADDITIONAL OUTLETS.
- 7. CONTRACTORS STARTING POINT IS AT EXISTING SPRINKLER SYSTEM PIPING.
- 8. SCOPE OF WORK: MODIFY EXISTING WET SYSTEM IN SOUTH WAREHOUSE HIGH PILE STORAGE AREAS. PER NFPA 313, 14.2.4.2 24 FT MAX STORAGE, CLASS IV COMMODITIES. 18" CLEARANCE BELOW SPRINKLER SHALL BE PROVIDED. UPGRADE SYSTEM RISER PER DETAIL.
- 9. IT IS THE OWNERS RESPONSIBILITY TO MAINTAIN A MINIMUM 40°F THROUGHOUT SPACES CONTAINING WET SPRINKLER PIPE. UNLESS OTHERWISE NOTED ENTIRE BUILDING IS CONSIDER A HEATED SPACE.

REVISIONS		
	ASBUILT- 12-5-13	
DDO	ICOT #.	622
PROJECT #:		633
DRAWN BY:		FSDG

ISSUE DATE: SHEET CONTENTS

SOUTH WAREHOUSE FIRE SPRINKLER

UPGRADE- PLAN information furnished by others. While this information is believed to be reliable, the ENGINEERS & ARCHITECTS cannot assure its accuracy, and thus are not responsible for the accuracy of this record drawing or for any errors or omissions which may have been incorporated into it as a result. Those relying on this record document are advised to obtain independent verification of its accuracy before applying it for

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This record drawing has been prepared, in part, based upon

any purpose.

6/20/13