

- OR CLASS 50 DUCTILE IRON (DI). CLASS 50 (OR HIGHER) DI. PIPING

- FIRE DEPARTMENT CONNECTIONS OF TYPE AND AT LOCATIONS REQUIRED BY PARTMENT. ADDITIONAL UNDERGROUND PIPE AND FITTINGS MAY BE REQUIRED THIS REQUIREMENT. FIRE PROTECTION CONTRACTOR SHALL INCLUDE ALL COST ICIATED WITH PROVIDING FIRE DEPARTMENT CONNECTION IN BID.

- COORDINATE EXACT LOCATIONS OF SPRINKLERS AND PIPING WITH CEILING, ELECTRICAL, MECHANICAL AND STRUCTURAL ELEMENTS OF BUILDING, MAKE MODIFICATION MITHOUT ADDITIONAL COST TO THE OWNER, IF IT IS NECESSARY TO LOCATE THE SPRINKLERS AT LOCATIONS OTHER THAN AS SHOWN ON THESE DRAWINGS, LOCATE THEM IN AN AESTHETICALLY PLEASING PATTERN WITH CONSIDERATION FOR LIGHTS AND GRILLES, OBTAIN ARCHITECT'S APPROVAL OF SPRINKLER LOCATIONS IN WRITING. THE ARCHITECT HAS FINAL AND ABSOLUTE AUTHORITY TO REJECT LOCATION OF SPRINKLERS FOR AESTHETIC REASONS. AND HAS AUTHORITY TO REJECT THEM FOR CODE REASONS. CONTRACTOR SHALL ADMSE ARCHITECT ON SPACING JUMITATIONS OF SPRINKLERS TO MAINTAIN COMPLIANCE WITH NFPA 13 AND THE SPRINKLER UL LISTING.
- PROVIDE ALL DRAINS REQUIRED TO COMPLY WITH NFPA 13
- 10. FLUSH AND TEST SYSTEM IN ACCORDANCE WITH NFPA 13.
- 11. CONTRACTOR SHALL PREPARE SHOP DRAWINGS AND EQUIPMENT SUBMITTALS BASED UPON THESE PLANS AND OBTAIN APPROVAL OF THE ENGINEER OF RECORD AND AUTHORITY HAVING JURISDICTION, PRIOR TO CONSTRUCTION. IF THE DESIGN DEPICTED ON THESE DRAWINGS EXCEEDS THE MINIMUM REQUIRENTS OF RIPPA 13 OR THE AHJ, COMPLY WITH THESE DRAWINGS UNLESS WRITTEN APPROVAL IS REQUESTED OF AND
- 16. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND PAY ALL RELATED FEES.
- 17. IF THE UNDERGROUND MAINS ARE INSTALLED BY OTHER THAN THE FIRE PROTECTION CONTRACTOR WHO INSTALLS THE SPRINKLER SYSTEM, THIS CONTRACTOR SHALL OBTAIN PROOF FROM THE GENERAL CONTRACTOR THAT THE UNDERGROUND WAS INSTALLED, FLUSHED AND IESTED BY A CLASS I, II, OR V FIRE PROTECTION CONTRACTOR PRIOR TO CONNECTING TO THAT PIPE.
- 18. SPRINKLER RISER SHALL INCLUDE A BUTTERFLY VALVE, RISER CHECK VALVE, MAIN DRAIN, AND WATER FLOW SWITCH. THE BUTTERFLY VALVE SHALL BE EQUIPPED WITH A TAMPER SWITCH
- 19. INSTALL A FIRE DEPARTMENT CONNECTION OF THE TYPE AND AT LOCATION REQUIRED BY THE LOCAL FIRE DEPARTMENT. INCLUDE SIGNAGE IDENTIFYING THE BUILDING PROTECTED BY EACH FIRE DEPARTMENT CONNECTION.
- 20. ALL SPACES WITH DROPPED CEILINGS SHALL BE EQUIPPED WITH WHITE RECESSED SPRINKLERS.
- 21. UTILITY AND AREAS WITHOUT DROPPED CEILINGS SHALL BE EQUIPPED WITH BRASS UPRIGHT SPRINKLERS.

8 / 8 2" TO OUTSIDE - GALV. PIPE AND FITTING. 1 5-RISER DETAIL

> Job Number: 40103 Colwill Engineering gineering Business No. 9021

| No. | | **FP1.**1 of

WEST PALM BEACH
RETAIL BUILDING
1560 PALM BEACH, R. 33401
WEST PALM BEACH, R. 33401

HIS DRAWING HAS BEEN ISSUED:

05/24/17

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CH LR

Drawing Title: FIRE PROTECTION PLAN

Date:

Designed By Drawn By:

Reviewed By: Comm. No.