

REVISIONS		
NO.	REASON	DATE
1	Addendum #1	10.04.19

### FIRE PROTECTION NOTES

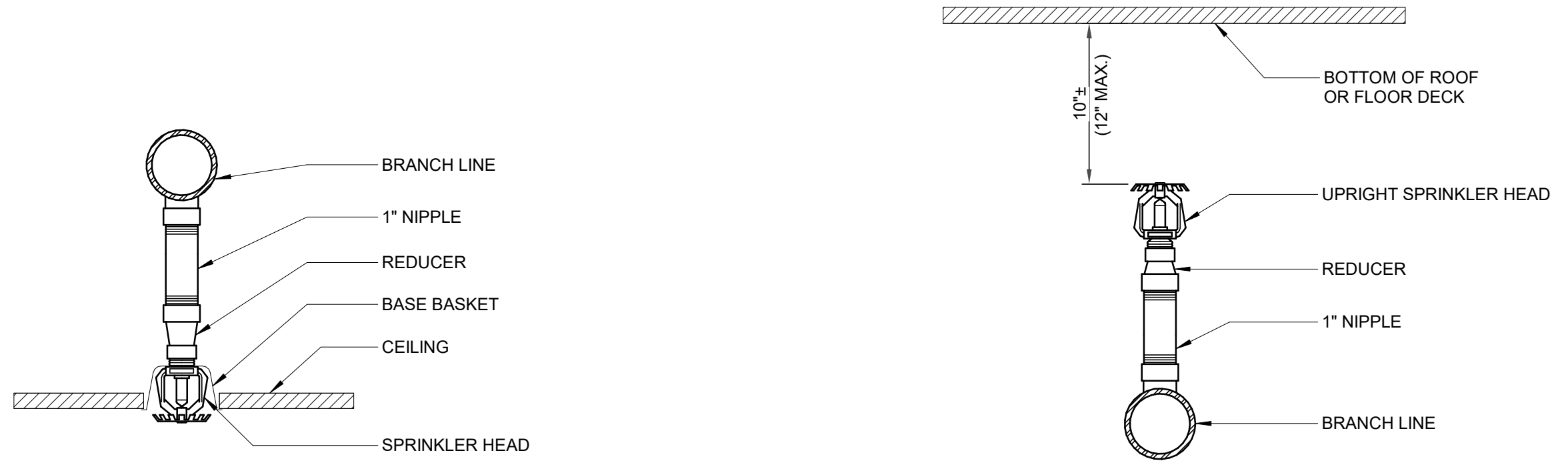
1. FIELD VERIFY EXACT LOCATION OF EXISTING FIRE MAIN.
2. FIRE PROTECTION CONTRACTOR SHALL COORDINATE HIS WORK PRIOR TO INSTALLATION WITH MECHANICAL, ELECTRICAL, STRUCTURAL, & PLUMBING CONTRACTOR & ARCHITECTURAL PLANS TO AVOID CONFLICTS.
3. FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL FIRE RATINGS WHERE PIPES PENETRATE FIRE RATED ASSEMBLIES. FIRE SAFING MATERIAL SHALL BE UL LISTED.
4. SUBMIT SHOP DRAWINGS TO LOCAL FIRE MARSHALL AND OWNER'S INSURANCE UNDERWRITER FOR APPROVAL.
5. ALL SPRINKLER PIPING INSTALLATION SHALL CONFORM TO NFPA 13, 2007 EDITION. NEW PIPE SHALL BE SCHEDULE 40 STEEL.
6. ALL SPRINKLER HEADS SHALL BE CENTERED IN CEILING TILE.
7. SPRINKLER CONTRACTOR SHALL PROVIDE HEAD LOCATIONS AND ELEVATIONS WITH ARCHITECTURAL REFLECTED CEILING PLAN.
8. ALL CHANGES OR ADDITIONS TO THE EXISTING SPRINKLER SYSTEM MUST COMPLY WITH CHAPTER 13 OF ASCE7-05. PROVIDE SEISMIC RESTRAINTS AS REQUIRED FOR BUILDING SEISMIC DESIGN CATEGORY "C".
9. TAP OFF FIRE SPRINKLER MAIN WITH 1" SCHEDULE 40 STEEL PIPE TO CONNECT NEW SPRINKLER HEADS TO SYSTEM.
10. CONTRACTOR SHALL VERIFY EXISTING HEAD LOCATIONS BEFORE INSTALLATION AND PROVIDE ADDITIONAL SPRINKLER HEADS AS NEEDED TO ENSURE PROPER COVERAGE PER NFPA 13.

### DESIGN CRITERIA UPFIT SPACE

OCCUPANCY CLASSIFICATION - ORDINARY HAZARD, GROUP 1.  
 DENSITY - 15 GPM/1500 SQ./FT.  
 SYSTEM - WET  
 MAXIMUM HEAD COVERAGE 130 SQ.FT.  
 DESIGN SHALL BE PER NFPA 13.  
 MATERIALS, VALVES, HANGERS SHALL BE PER NFPA 13.

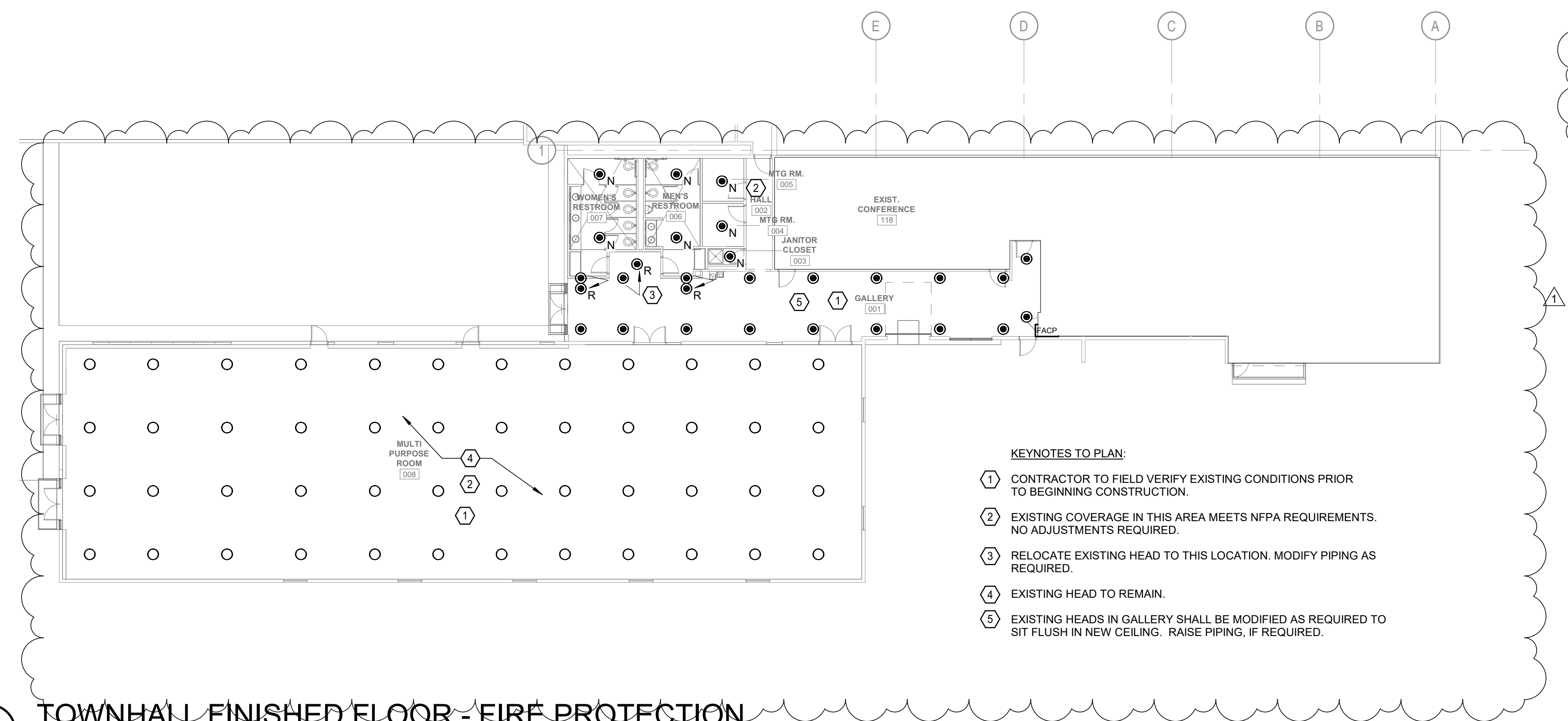
### SPRINKLER HEADS

- SPRINKLER HEADS TO BE IN CENTER OF TILE. VERIFY EXISTING CONDITIONS BEFORE INSTALLATION.
- Ⓜ RELOCATED PENDENT SPRINKLER HEAD
  - Ⓞ EXISTING PENDENT SPRINKLER HEAD TO REMAIN
  - Ⓞ EXISTING UPRIGHT SPRINKLER HEAD TO REMAIN
  - Ⓜ NEW SEMI-RECESSED, 5.6K, QUICK RESPONSE PENDENT SPRINKLER HEAD



**2 PENDENT SPRINKLER HEAD DETAIL**  
 FP100 SCALE: NTS

**3 UPRIGHT SPRINKLER HEAD DETAIL**  
 FP100 SCALE: NTS



- KEYNOTES TO PLAN:**
- 1 CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING CONSTRUCTION.
  - 2 EXISTING COVERAGE IN THIS AREA MEETS NFPA REQUIREMENTS. NO ADJUSTMENTS REQUIRED.
  - 3 RELOCATE EXISTING HEAD TO THIS LOCATION. MODIFY PIPING AS REQUIRED.
  - 4 EXISTING HEAD TO REMAIN.
  - 5 EXISTING HEADS IN GALLERY SHALL BE MODIFIED AS REQUIRED TO SIT FLUSH IN NEW CEILING. RAISE PIPING, IF REQUIRED.

**1 TOWNHALL FINISHED FLOOR - FIRE PROTECTION**  
 FP100 SCALE: 1/16" = 1'-0"

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