



Travis County ESD No. 12

11200 Gregg Lane
Manor, Texas 78653
(512) 272-4502

FirePrevention@tcesd12.com



FIRE SPRINKLER SYSTEM SUBMITTAL CHECKLIST

THE INFORMATION IN THIS DOCUMENT IS NOT ALL INCLUSIVE OF POSSIBLE ITEMS REQUIRED PER CODE. IT IS THE RESPONSIBILITY OF THE DESIGNER AND SUBMITTING CONTRACTOR TO INCLUDE ALL THE PERTINENT INFORMATION NOT MENTIONED IN THIS DOCUMENT.

PROJECT NAME:

Yes	No	N/A	Verify the <i>TCESD No. 12 Fire Sprinkler System Submittal Requirements</i> document has been read prior to submission of the fire sprinkler plan. COMMENTS:
Yes	No	N/A	Verify a cover sheet with all the required information listed on the Fire Sprinkler System Submittal document has been provided with the plan submittal. COMMENTS:
Yes	No	N/A	Verify the Travis County ESD No. 12 Reviewer Signature Block has been placed on the cover sheet. COMMENTS:
Yes	No	N/A	Verify the sprinkler plan correctly identify the registered designer, installing company, and Texas SFMO license information. Verify a copy of the correct Texas fire protection license has been provided. COMMENTS:
Yes	No	N/A	Verify the sprinkler plan thoroughly describes the project/scope of work, including any potential phasing of the project. COMMENTS:
Yes	No	N/A	Verify that written documentation been provided to TCESD No. 12 verifying adequate fire flow. COMMENTS:
Yes	No	N/A	Verify the fire sprinkler plan shows the correct system NFPA design code of 13, 13R, or 13D. COMMENTS:
Yes	No	N/A	Verify only detail sheets that are relevant to the system are included. COMMENTS:

Yes	No	N/A	Verify the remote area(s) is/are correctly identified on the fire sprinkler plan. COMMENTS:
Yes	No	N/A	Verify hydraulic design calculations have been provided for new systems or for systems where modifications affect the hydraulically most remote area of the system. COMMENTS:
Yes	No	N/A	Domestic demand for the building being calculated shall be included as part of the overall system demand for systems with common domestic/fire mains where no provisions are made to prevent the domestic waterflow upon sprinkler system activation. COMMENTS:
Yes	No	N/A	Verify the system has been designed with a minimum safety factor as referenced in the submittal requirements for systems having a static pressure exceeding 90 psi or static pressure below 90 psi. COMMENTS:
Yes	No	N/A	All portions of the underground system shall be thoroughly flushed prior to connection of the aboveground overhead sprinkler system. The fire sprinkler plan indicates the person responsible for verification of the flush. Note: if connected prior to flush, the overhead system will be backflushed and heads replaced. COMMENTS:
Yes	No	N/A	Verify the fire sprinkler plan shows location, size, and type of all piping. COMMENTS:
Yes	No	N/A	Verify the fire sprinkler plan shows a double detector check backflow preventer. COMMENTS:
Yes	No	N/A	Verify the fire sprinkler plan shows locations of inspector's test valves and auxiliary drain locations. COMMENTS:
Yes	No	N/A	Verify the plan shows reference information of "work by others" including, but not limited to, the underground fire line. COMMENTS:
Yes	No	N/A	The number of fire sprinkler risers to be added to building has been clearly shown. COMMENTS:
Yes	No	N/A	Verify the plan shows all unusual ceiling configurations such as cloud ceilings. Verify the plan shows all skylights, domes and all roll up doors. COMMENTS:
Yes	No	N/A	Verify all potential obstructions created by the design/construction of the building are clearly shown. COMMENTS:

Yes	No	N/A	Verify the fire sprinkler plan shows the detail of each type of hanger being used. Verify the fire sprinkler plan shows how each hanger will be attached securely to the structural members. COMMENTS:
Yes	No	N/A	Verify the fire sprinkler plan shows the area of coverage of each sprinkler head in 12'x12', 16'x16', 18'x18', or 20'x20' format. Verify all rooms with specific coverage areas are clearly shown. COMMENTS:
Yes	No	N/A	Verify the fire sprinkler plan shows all elevation changes of pipe. Verify all up feeds and down feeds are clearly shown and identified as such (up or down) on the fire sprinkler plan. COMMENTS:
Yes	No	N/A	Verify all fire sprinkler riser rooms and fire pump rooms will be maintained at or above 40 degrees per NFPA 13. The riser room shall be considered a one hour rated fire enclosure as required by TCESD No. 12. COMMENTS:
Yes	No	N/A	Verify all fire sprinkler riser rooms provided are with exterior access and face the fire lane. COMMENTS:
Yes	No	N/A	Verify the fire sprinkler plan indicates coverage in all required areas, including elevator shafts and attics. COMMENTS:
Yes	No	N/A	Verify the plan shows the location of the FDC(s). The FDC(s) will be positioned to face the fire lane. COMMENTS:
Yes	No	N/A	Knox FDC Locking Caps shall be provided on all fire department connections. COMMENTS:
Yes	No	N/A	The hydraulic information sign shall be permanently marked by etching. COMMENTS:
Yes	No	N/A	Verify the fire sprinkler riser room will have lighting (including emergency lighting). Verify the fire sprinkler riser room will be identified with a permanent weatherproof reflective sign on the outside of the door. COMMENTS:
Yes	No	N/A	Verify a weatherproof A/V strobe device to indicate waterflow condition will be mounted above the exterior fire sprinkler riser room door as amended by TCESD No. 12. COMMENTS:
Yes	No	N/A	If an excessive amount of pipe glue is observed on the CPVC sprinkler pipe, the TCESD No. 12 inspector may require the system to be drained and the sprinkler heads inspected. If any unsatisfactory conditions are discovered, the affected piping and/or heads shall be removed, replaced, and tested. COMMENTS:

Yes	No	N/A	All ceiling and wall texturing, patches, repairs, paint and final finishes will be COMPLETED at final inspection. COMMENTS:
Yes	No	N/A	Verify the fire sprinkler installing company will provide a completed CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR ABOVEGROUND PIPING to TCESD No. 12 at the completion of the project. COMMENTS:
Yes	No	N/A	Verify that any "NO" or "N/A" responses on this checklist have been clarified in the COMMENTS section provided. COMMENTS:
Yes	No	N/A	Any additional inspections beyond the allotted three (3) fire sprinkler inspections will incur a reinspection fee. COMMENTS:
Yes	No	N/A	Travis County ESD No. 12 personnel will be contacted with any questions PRIOR to submittal of the fire sprinkler system plan. COMMENTS:

Signature of Applicant

Date

NOTE: TCESD No. 12 may require that any conditions outside the contracted scope of work that are not compliant with current code requirements may be required to be corrected prior to final inspection by TCESD No. 12. This may require interfacing between the subcontractor, general contractor and property management company or building owner.