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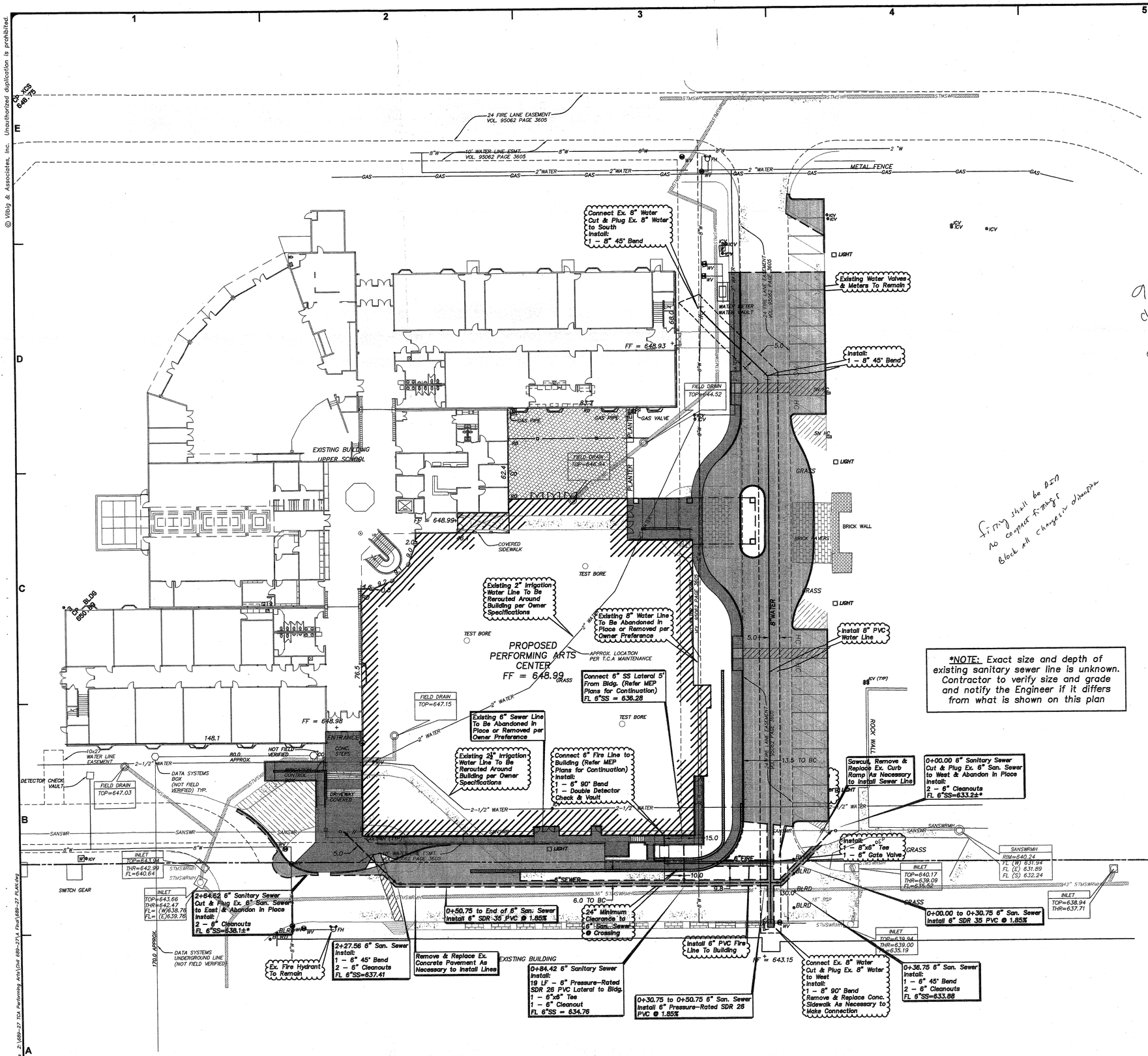

WATER & SEWER NOTES

1. All proposed water lines shall have a minimum of four feet (4.0') of cover.

2. All work shall be performed in accordance with Town of ADDISON standards and NCTCOG Items 501, 504, 505, 506, & 507.

3. Unless otherwise noted on plans, water mains shall be AWWA C900 Class 150 DR-18 PVC. Sanitary sewer mains shall be SDR 35 per ASTM D.3034 or pressure-rated SDR 26 PVC per ASTM D2241, where noted on plans. Roof drains shall be SDR 35 PVC pipe per NCTCOG Item 507.17 or smooth-lined HDPE pipe per NCTCOG Item 501.23.

4. Where a new potable waterline crosses a sanitary sewer main or lateral, one segment of the waterline pipe shall be centered over the sanitary sewer such that the joints of the waterline pipe are equidistant and at least nine feet horizontally from the centerline of the sanitary sewer. Whenever possible, the water crossing shall be centered between the joints of the sanitary sewer pipe.

9 feet clear all joints On use pressure rated couplings cover up to

5. Roof drain lines and fittings shall be installed per manufacturer's recommendations. All wyes and bends, if required, shall be prefabricated. PVC or HDPE roof drain tees, bends, wyes and end plugs shall be injection-molded whenever available; Contractor shall not fabricate fittings in the field.

6. All proposed drainage gratings with elongated openings to be placed in pedestrian areas shall be installed with the long dimension of the openings perpendicular to the dominant direction of travel.

7. Dimensions, percent grades, and flowlines in the profile are calculated to the center of manholes, where applicable. Units of length are feet unless otherwise marked as inches (") centimeters (cm), meters (m) or yards (yd).

8. Unless otherwise indicated on the plans, water and sewer lines shall clear storm sewer pipes by at least twelve inches (12") vertically. Waterlines shall be at least six inches (6") above any sanitary sewer line with a 150 psi minimum pressure rating and at least twenty-four inches (24") above all other sanitary sewer lines. All pipe clearances specified in these notes shall be measured to outside of pipe.

9. Where cement stabilized sand bedding is required, the cement stabilized sand shall have a minimum of 10% cement per cubic yard of cement stabilized sand mixture, based on loose dry weight volume (at least 2.5 bags of cement per cubic yard of mixture). The cement stabilized sand bedding shall be a minimum of six inches above and four inches below the wastewater main or lateral.

10. Unless otherwise noted, all PVC pipe used for sanitary sewer construction shall be green in color, and all PVC pipe used for water construction shall be blue in color.

11. Unless otherwise noted, all parallel water and sanitary sewer lines shall be installed in seperate trenches.

12. Refer to Sheet C1.0 for other general notes applicable to water and sewer installation.

fitting shall be DIP No compact fittings Block all changes in direction

BENCHMARKS

Temporary Bench Mark: "□" cut on northwest corner of Y inlet at the northeast corner of property Elev = 639.63'
Bench Mark: "□" cut on inlet sw corner Soujorn & Addison Rd. Elev.=641.95

GRAPHIC SCALE 1" = 20'
0 20 40 60

PROGRESS PLOTS
FOR INTERIM DESIGN REVIEW ONLY
NOT FOR CONSTRUCTION
DATE: 04/28/06

DRAWING PREPARED BY:

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Rev.	Date	Description

Original Issue Date: April 28, 2006
Engineer: David A. Vilbig, P.E.
Project Manager: Chris Walton, P.E.
Drafter(s): QMW

TRINITY CHRISTIAN ACADEMY NEW PERFORMING ARTS BLDG.

EARLY SITE & FOUNDATION PACKAGE
17001 ADDISON RD., ADDISON, TX 75001

WATER & SEWER PLAN

Project : AS-081

C3.0

DO NOT SCALE DRAWING

Apr 28, 2006 - 2:20pm User: Chris Z:\689-27 TCA Performing Arts\Civil 689-27\A Final\689-27 PLAN.dwg