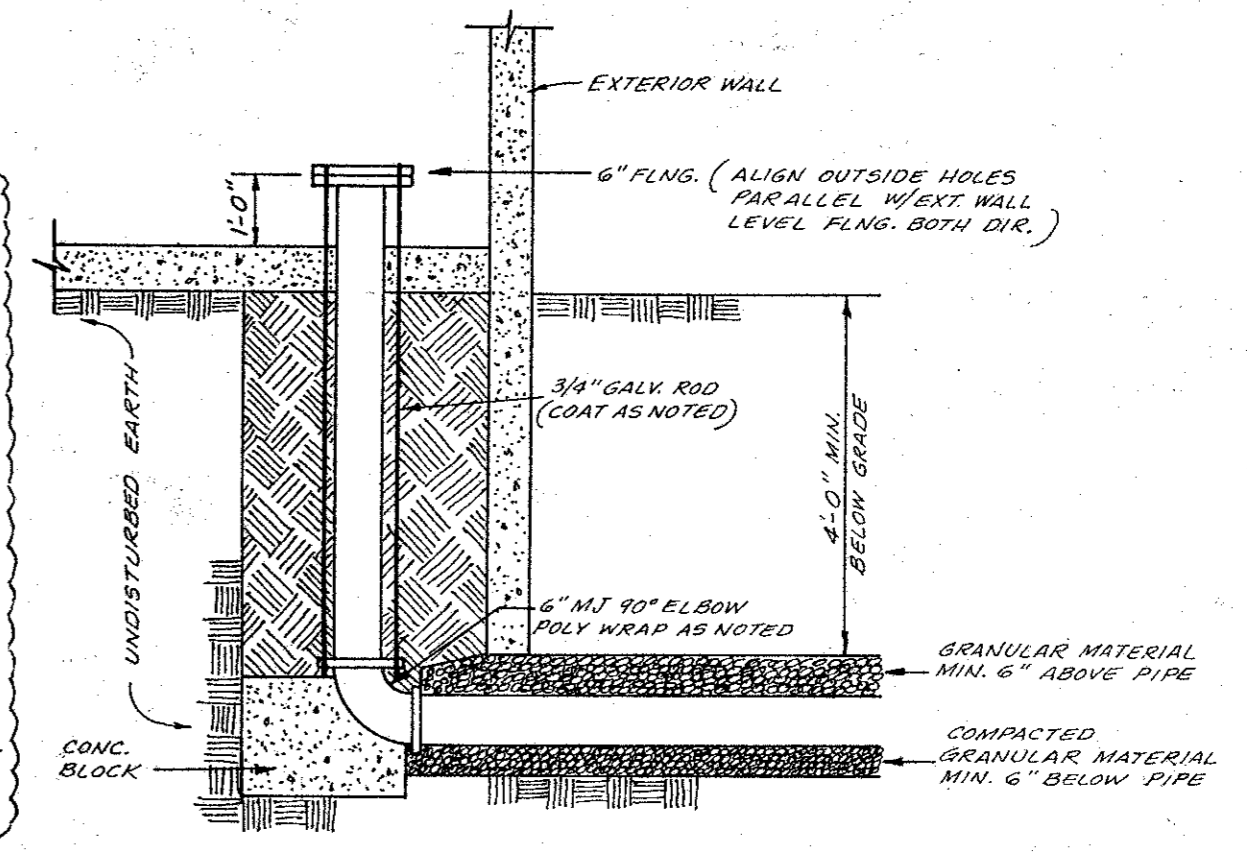
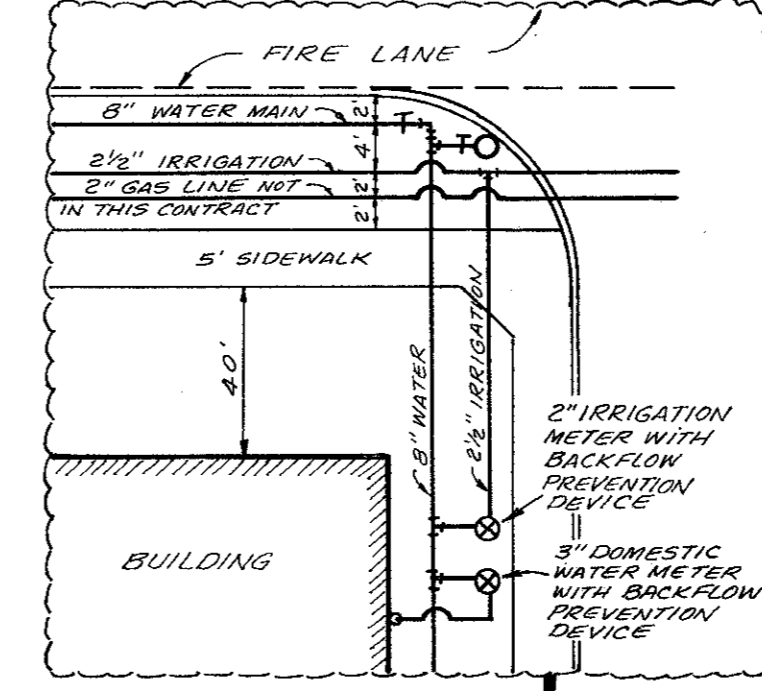


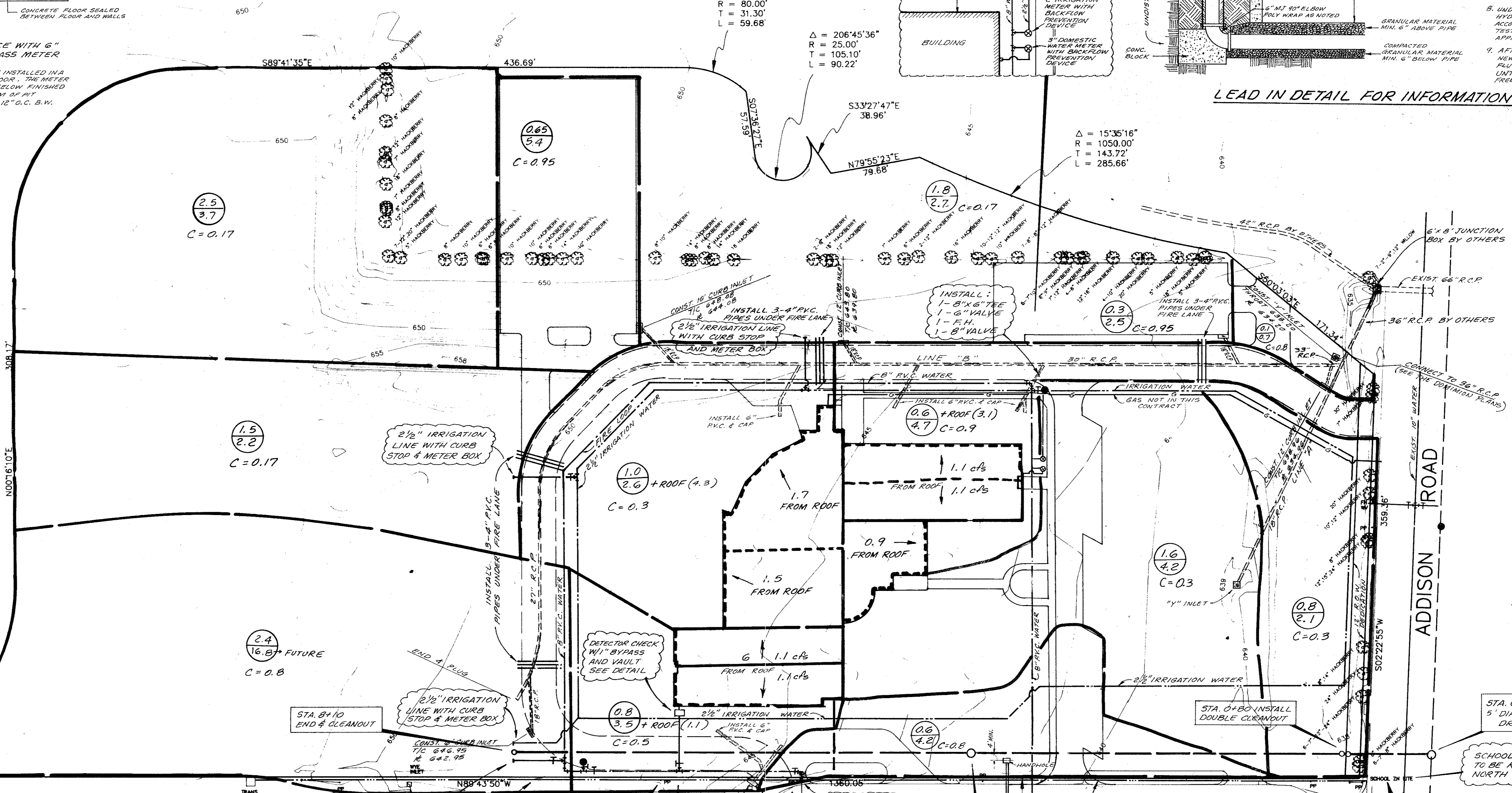
6" CLOSED FIRE LINE SERVICE WITH 6" DETECTOR CHECK AND 1" BYPASS METER

NOTE: THE DETECTOR CHECK SHALL BE INSTALLED IN A PIT WITH A 5" REINFC CONG. FLOOR. THE METER SHALL BE NO LOWER THAN 18" BELOW FINISHED GRADE. WALLS TOP AND BOTTOM OF PIT REINFORCED WITH #3 BARS AT 12" O.C. B.W.

NOTE: ALL WATER, SANITARY SEWER AND STORM SEWER CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO TOWN OF ADDISON STANDARD SPECIFICATIONS.



1. ALL DESIGN, MATERIALS, FABRICATION AND INSTALLATION SHALL BE IN ACCORDANCE WITH M.P.R.A. STANDARDS 13, 34 AS AMENDED BY CITY OF ADDISON.
2. PIPING NOTED "DT" SHALL BE CLASS 51, ANS/ANWA C81/A81-51 DUCTILE IRON PIPE, CEMENT LINED.
3. PIPING NOTED "PVC" SHALL BE CLASS 150 DR18 CONFORMING TO ANWA C900 POLYVINYL CHLORIDE PIPE.
4. ALL UNDERGROUND FITTINGS SHALL BE UL LISTED, STANDARD DUCTILE IRON, MECHANICAL JOINT FITTINGS, ANWA C110.
5. ALL D.I. PIPES AND FITTINGS SHALL BE CLEANED AND POLYWRAPPED AND ROOTS, NIPS AND BOTS SHALL BE COATED WITH ASPHALT OR BITUMINOUS CORROSION RESISTANT COMPOUND.
6. ALL UNDERGROUND FITTINGS SHALL BE PROPERLY RESTRAINED USING CONCRETE THRUST BLOCK AND/OR ROADINGS ACCORDING TO SIZES AND DETAILS PRESCRIBED BY U.P.R.A. 24.
7. THRUST BLOCKS SHALL CURE FOR NO LESS THAN 24 HOURS BEFORE TESTING.
8. UNDERGROUND PIPING SHALL BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH ANWA 84 STANDARDS. TESTS SHALL BE WITNESSED BY THE APPROVING AUTHORITIES.
9. AFTER TESTING AND BACKFILL, THE NEW PIPING SHALL BE THOROUGHLY RUSHED THROUGH IN OPEN PIPE UNTIL THE WATER IS CLEAR AND FREE OF DEBRIS.



$\Delta = 90^{\circ}00'00''$
 $R = 170.00'$
 $T = 170.00'$
 $L = 267.04'$

2.4
 16.8
 C=0.8
 FUTURE

1.0
 2.6
 C=0.3
 + ROOF (4.3)

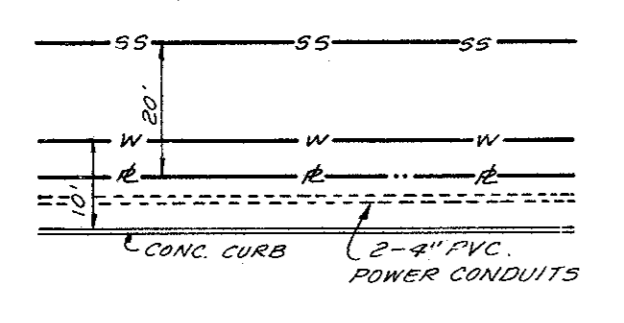
0.6
 4.7
 C=0.9
 + ROOF (3.1)

1.6
 4.2
 C=0.3
 1" INLET

0.8
 2.1
 C=0.3

0.8
 3.5
 C=0.5
 + ROOF (1.1)

0.6
 4.2
 C=0.8



DETAIL

BENCH MARK:
 "□" ON TOP CURB WEST SIDE OF ADDISON ROAD AT NORTHEAST CORNER OF SARATOGA SPRINGS ADD. ELEV. 640.21
 "□" CUT ON WEST TOP CURB ADDISON ROAD 20' NORTH OF NORTHEAST PROPERTY CORNER. ELEV. 638.40

INSTALL:
 1- 8" x 6" TEE
 1- 8" x 6" TEE
 2- 6" VALVES
 1- 6" VALVE
 1- 8" 90° BEND
 1- F.H.

INSTALL:
 1- 8" x 6" TEE
 1- 6" VALVE

INSTALL:
 1- 8" 90° BEND
 1- 8" VALVE
 1- 8" 90° BEND
 1- 8" VALVE
 1- 8" 90° BEND
 1- 8" VALVE

LEGEND

2 = AREA IN ACRES
 10 = 9100 C.F.S.

DRAINAGE DATA
 $T_c = 10 \text{ min}$
 $I_{100} = 8.74 \text{ in/hr}$

NO.	DATE	BY	REVISION

DRAINAGE AND UTILITY PLAN
TRINITY CHRISTIAN ACADEMY
 CITY OF ADDISON
 DALLAS COUNTY, TEXAS

DOWDEY, ANDERSON & ASSOCIATES, INC.
 16250 DALLAS PKWY. (214) 931-0694 DALLAS, TEXAS

DESIGN	DRAWN	CHECKED	DATE	SCALE	JOB	SHEET
D.M.D.	R.E.	D.M.D.	11-94	1"=50'	94-078	1/2