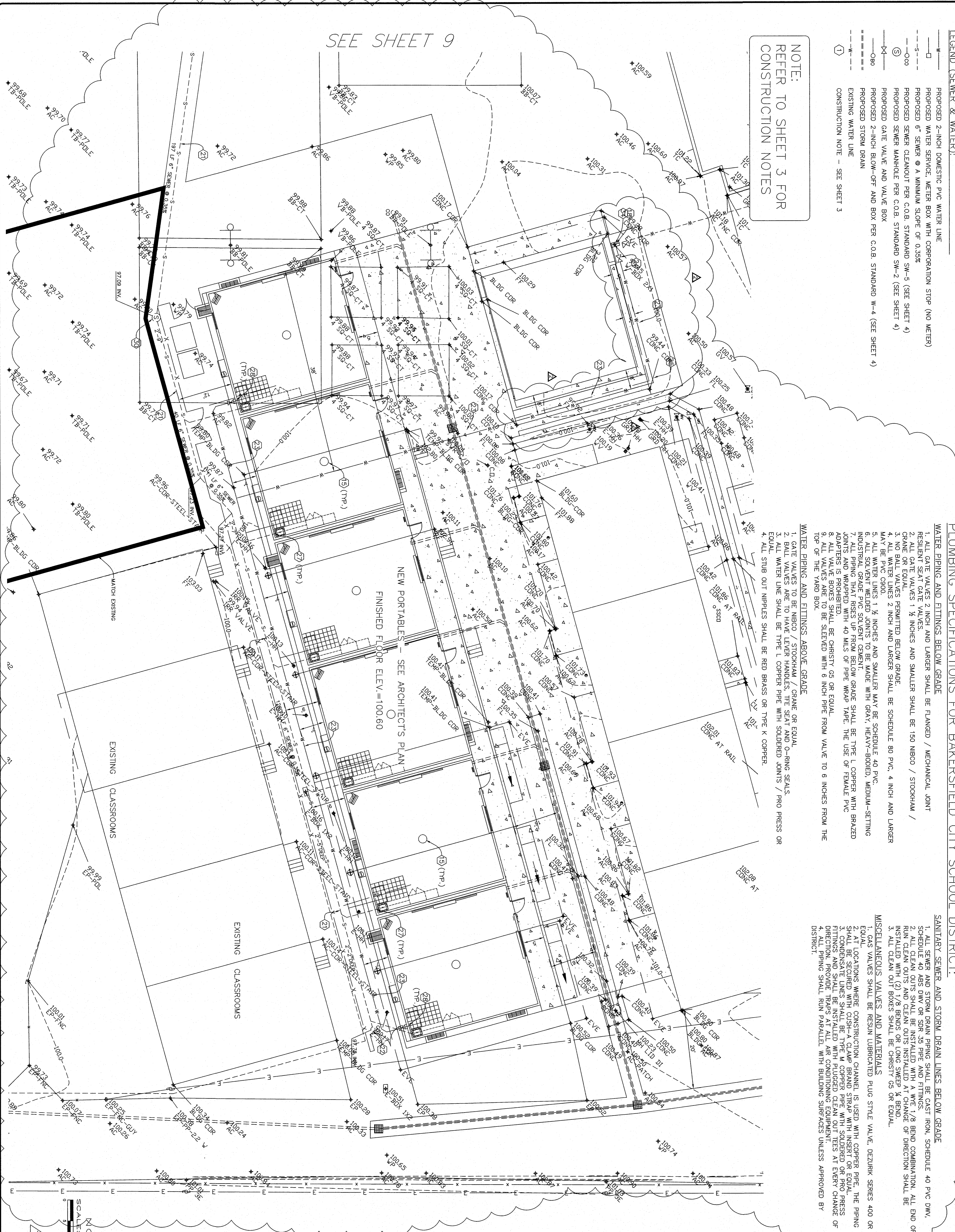


LEGEND (SEWER & WATER):

- PROPOSED 2-INCH DOMESTIC PVC WATER LINE
- PROPOSED WATER SERVICE, METER BOX WITH CORPORATION STOP (NO METER)
- PROPOSED 6" SEWER @ A MINIMUM SLOPE OF 0.35%
- PROPOSED SEWER CLEANOUT PER C.O.B. STANDARD SW-5 (SEE SHEET 4)
- PROPOSED SEWER MANHOLE PER C.O.B. STANDARD SW-2 (SEE SHEET 4)
- PROPOSED GATE VALVE AND VALVE BOX
- PROPOSED 2-INCH BLOW-OFF AND BOX PER C.O.B. STANDARD W-4 (SEE SHEET 4)
- PROPOSED STORM DRAIN
- EXISTING WATER LINE
- CONSTRUCTION NOTE - SEE SHEET 3

NOTE:
REFER TO SHEET 3 FOR
CONSTRUCTION NOTES

SEE SHEET 9

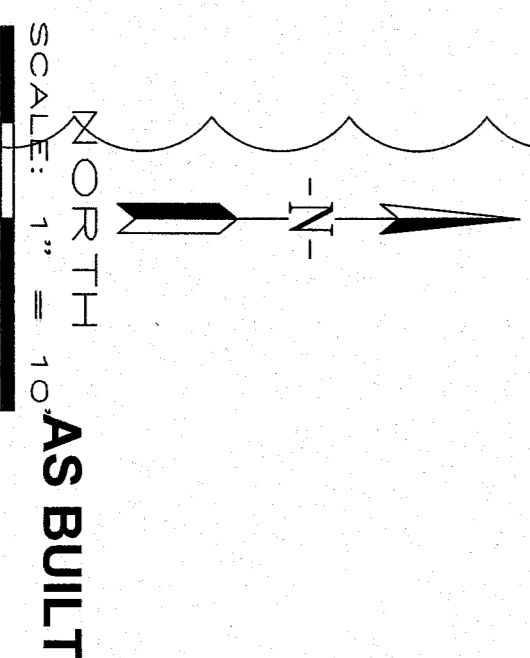


PLUMBING SPECIFICATIONS FOR BAKERSFIELD CITY SCHOOL DISTRICT:

- WATER PIPING AND FITTINGS BELOW GRADE
1. ALL GATE VALVES 2 INCH AND LARGER SHALL BE FLANGED / MECHANICAL JOINT
 2. RESIDENT SEAT GATE VALVES 1 1/2 INCHES AND SMALLER SHALL BE 150 NIBBO / STOCKHAM / GRADE
 3. NO BALL VALVES PERMITTED BELOW GRADE
 4. ALL WATER LINES 2 INCH AND LARGER SHALL BE SCHEDULE 80 PVC, 4 INCH AND LARGER MAY BE COPPER.
 5. ALL WATER LINES 1 1/2 INCHES AND SMALLER MAY BE SCHEDULE 40 PVC, INDUSTRIAL GRADE PVC SOLVENT CEMENT.
 7. ALL PIPING THAT RISES UP FROM BELOW GRADE SHALL BE TYPE L COPPER WITH BRAZED JOINTS AND WRAPPED WITH 40 MILS OF PIPE WRAP TAPE. THE USE OF FEMALE PVC ADAPTERS IS PROHIBITED.
 8. ALL VALVE BOXES SHALL BE CHRISTY G5 OR EQUAL.
 9. ALL VALVES ARE TO BE SLEEVED WITH 6 INCH PIPE FROM VALVE TO 6 INCHES FROM THE TOP OF THE YARD BOX.
- WATER PIPING AND FITTINGS ABOVE GRADE
1. GATE VALVES TO BE NIBBO / STOCKHAM / GRADE OR EQUAL
 2. BALL VALVES ARE TO HAVE LEVER HANDLES, LE SEAT AND O-RING SEALS
 3. ALL WATER LINE SHALL BE TYPE L COPPER PIPE WITH SOLDERED JOINTS / PRO PRESS OR
 4. ALL STUB OUT NIPPLES SHALL BE RED BRASS OR TYPE K COPPER.

SANITARY SEWER AND STORM DRAIN LINES BELOW GRADE

1. ALL SEWER AND STORM DRAIN PIPING SHALL BE CAST IRON, SCHEDULE 40 PVC DWV, SCHEDULE 40 ABS DWV OR 4" SDR 35 PIPE AND FITTINGS
 2. ALL CLEAN OUTS SHALL BE INSTALLED WITH W/ET 1/8 BEND COMBINATION. ALL END OF RUN CLEAN OUTS AND CLEAN OUTS INSTALLED AT CHANGE OF DIRECTION SHALL BE INSTALLED WITH (2) 1/8 BENDS OR LONG SWEEP 1/8 BEND.
 3. ALL CLEAN OUT BOXES SHALL BE CHRISTY G5 OR EQUAL.
- MISCELLANEOUS VALVES AND MATERIALS
1. GAS VALVES SHALL BE RESIN LUBRICATED PLUG STYLE VALVE, DEZURIK SERIES 400 OR EQUAL.
 2. AT LOCATIONS WHERE CONSTRUCTION CHANNEL IS USED WITH COPPER PIPE, THE PIPING SHALL BE SECURED WITH CUSH-A-CLEAN GRAND SPLIT WITH INSERT OR EQUAL PRESS FITTINGS AND SHALL BE INSTALLED WITH PLUGGED CLEAN OUT TEES AT EVERY CHANGE OF DIRECTION. PROVIDE TRAPS AT ALL AIR CONDITIONING EQUIPMENT.
 4. ALL PIPING SHALL RUN PARALLEL WITH BUILDING SURFACES UNLESS APPROVED BY DISTRICT.



AS BUILT
SCALE: 1" = 10'
JOB NO.: 08-389
DWG NO.: 08-389-B1003
DATE: 5/12/10
DRAWN BY: ADK
CHECKED BY: MIV
SHEET 8 OF 9 SHEETS

UTILITY PLANS (SEWER & WATER)
PHASE 1 - FREMONT ELEMENTARY
607 TEXAS STREET
BAKERSFIELD, CALIFORNIA

 MATTHEW K. VOVILLA RCE 43130 EXP. 3/31/12	
REVISIONS	DATE
CHANGE ORDER ONE	
REVISED WATER LINE AND CONNECTION POINT.	6/23/2010

Pinnacle Civil Engineering, Inc.
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