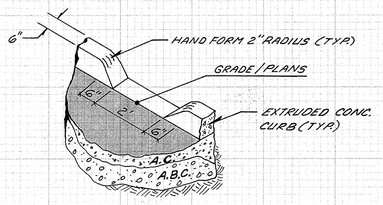
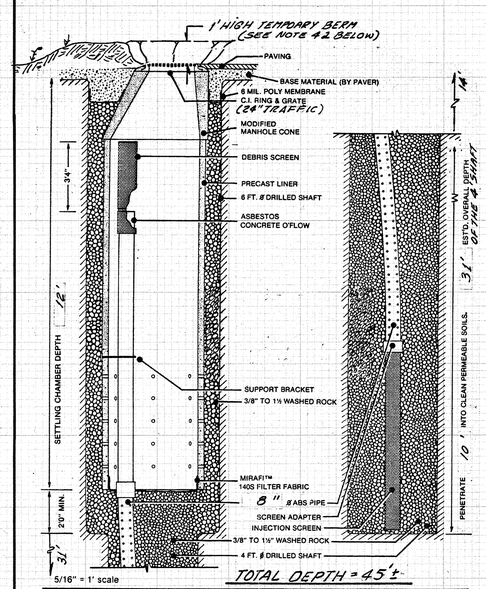
CURB OPENING DETAIL

N.T.S.



DRYWELL DETAIL

N.T.S.



TOTAL DEPTH = 45'±

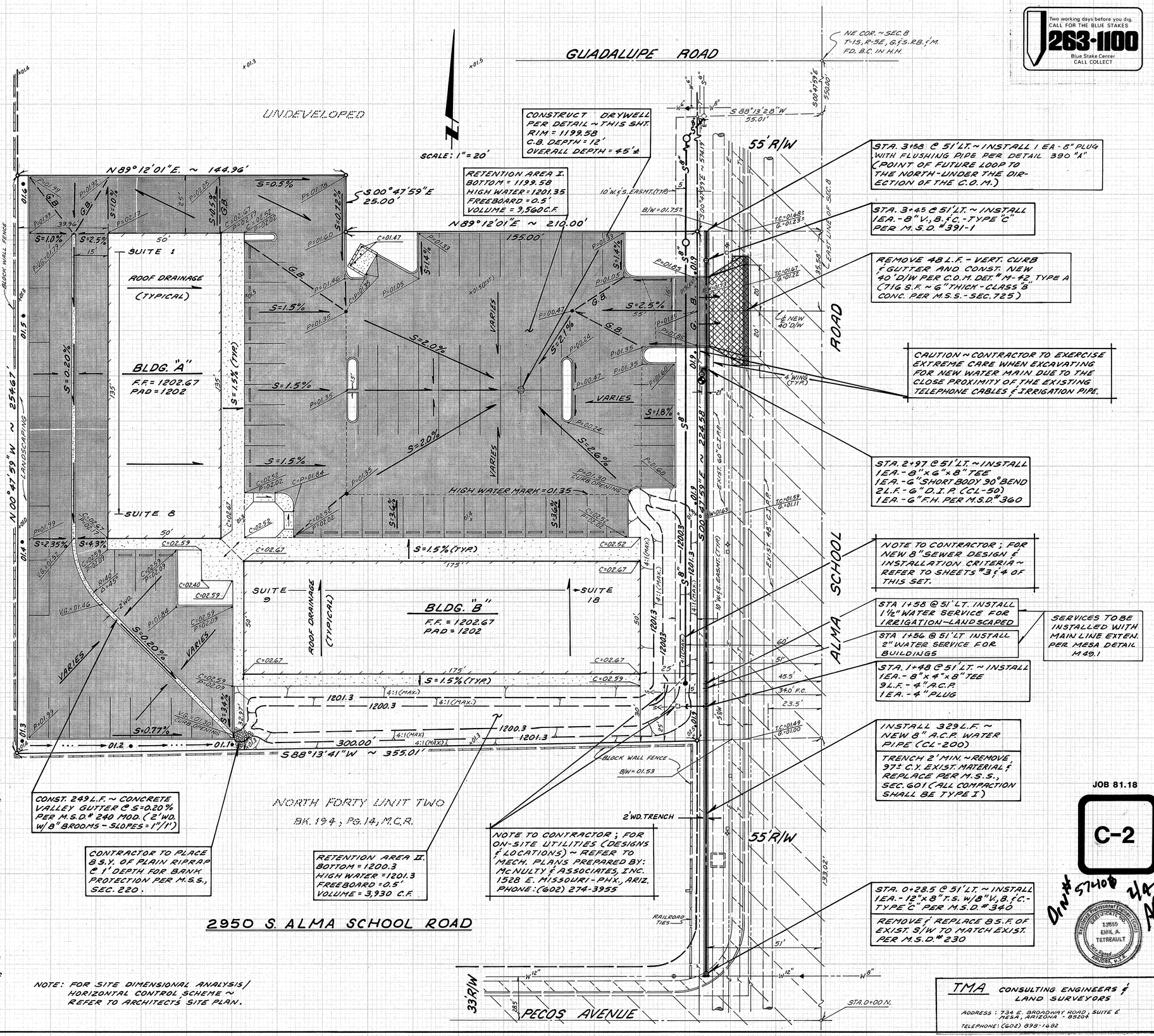
DRY WELL SPECIFICATIONS

PRECAST LINER - REINFORCED 4000 PSI CONCRETE. 48" ID, 54" OD. 8-1½ HOLES/FOOT.
MANHOLE CONE - STANDARD UTILITY CONSTRUCTION, EXCEPT FLAT BOTTOM.
OVERFLOW PIPE - ASBESTOS CEMENT (**NO PLASTIC IN SETTLING CHAMBER**)
BRACKETS - DIE-FORMED 3/8" STEEL, ORGANIC ZINC COATED.
DEBRIS SCREENS - ROLLED 13 GA. X .265" MAX. SWO FLATTENED EXPANDED STEEL, 48" LENGTH, ORGANIC ZINC COATED.
PERFORATED PIPE - ABS SEWER PIPE, FOUR 1/2" HOLES EACH 5 INCHES OF LENGTH, MATED TO A/C PIPE BELOW ROCK WITH MDI-A COUPLER, OR CAULDER COUPLING.
ROCK - CLEAN WASHED ROCK BETWEEN 3/8" AND 1½", SIZED TO COMPLIMENT SOIL CONDITIONS.
DRAINAGE FABRIC - MIRAFI™ 140S FABRIC OR EQUAL.
INJECTION SCREENS - ROLLED 10 GA. X .625" MAX. SWO FLATTENED EXPANDED STEEL, COAL TAR EPOXY COATED, 96" OVERALL LENGTH WITH MDI-B COUPLER OR EQUAL.
HOLES ARE TO BE DRILLED IN A MANNER TO PREVENT CONTAMINATION OF PERMEABLE SOILS.
ABS PIPE SHALL BE SUSPENDED DURING BACKFILL OPERATIONS TO PREVENT BUCKLING OR BREAKAGE. PLACE FABRIC TIGHTLY AGAINST LINER AND PIPE.
CENTER PRECAST LINER IN HOLE AND **ALIGN SECTIONS TO MAXIMIZE BEARING SURFACE.**
SECURE RING AND GRATE TO CONE WITH MORTAR. RIM ELEVATION ± 0.02' OF PLANS.
DRY WELL MANUFACTURER IS TO INSTALL TWO LAYERS OF MIRAFI 140S FABRIC BENEATH GRATE. GENERAL CONTRACTOR TO REMOVE AT END OF PROJECT. AFTER PAVING AND LANDSCAPING ARE COMPLETE.

DRY WELL NOTES

1. The DRYWELL **shall meet or exceed the specifications as shown. Any deviation from recommended design criteria shall be approved by the design engineer prior to construction.**
2. **Due to possible contamination or inferior workmanship of injection column under construction, said injection column is subject to inspection and approval by the engineer. Should any phase of injection column construction be considered inferior by the engineer, such phase shall be reconstructed to meet engineer's approval, and done so at the contractor's expense.**
3. **All materials and workmanship shall comply with the latest "Maricopa Association of Governments Standard Specifications".**
4. a. **Should there be a delay between drilling the hole, and installing and backfilling the DRYWELL — the contractor shall construct a temporary berm-minimum 1 foot high completely around the hole.**

   b. **After the DRYWELL — has been backfilled, inspected and approved, the contractor shall install a fabric filter material over the exposed rock backfill (at the top of the hole).**
5. *All drywells shown on this project shall be maintained by the owners and are to be replaced by the owners when they cease to drain the surface water in a 36-hour period. Regular maintenance of the drywell silting chamber is required to achieve the best operation of the drywell.*



2950 S. ALMA SCHOOL ROAD

NOTE: FOR SITE DIMENSIONAL ANALYSIS/ HORIZONTAL CONTROL SCHEME ~ REFER TO ARCHITECT'S SITE PLAN.

Two working days before you dig. CALL FOR THE BLUE STAKES 263-1100 Blue Stake Center CALL COLLECT

JOB 81.18

C-2

Dwg # 5740 4a APLS

REGISTERED PROFESSIONAL ENGINEER (CIVIL) CERTIFICATE NO. 13655 EMIL A. TETREAULT Date Signed ARIZONA, U.S.A.

TMA CONSULTING ENGINEERS & LAND SURVEYORS
ADDRESS: 734 E. BROADWAY ROAD, SUITE E MESA, ARIZONA - 85204
TELEPHONE: (602) 890-1602

REV 2-17-84 JOB # 83-022 ~ SHT. # 2 of 4