

STREET IMPROVEMENTS TO SERVE

PAWNEE MESA THIRD ADDITION

Project Number

472-76-245-82053-000-000-001

Index Code

768052

CITY OF WICHITA, KANSAS

Michael E. Lindebak, City Engineer

General Notes

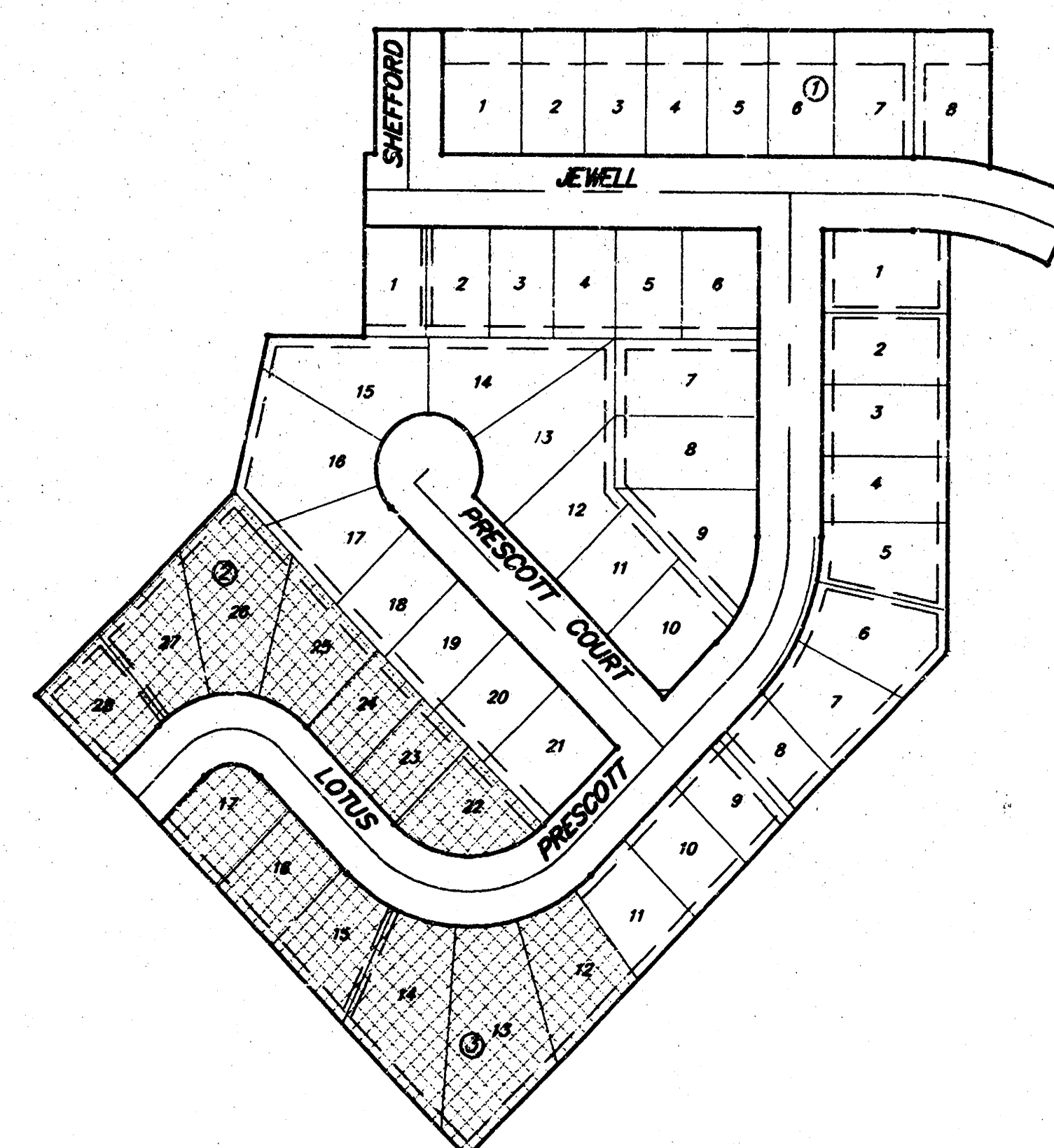
1. Contractor will be required to provide notice to utility companies a minimum of twenty-four (24) hours prior to any excavation, as follows:

Kansas One-Call 687-2470

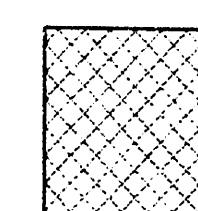
The Contractor must notify the following in case of an emergency:

Cablevision 262-4270
or 263-2061
K.P.L. Gas Service Company 263-7511
Kansas Gas & Electric Company 264-1141
Arkla Gas Company 942-8350
or 263-8161
Southwestern Bell Telephone Company 1-571-2611
City of Wichita Water Department 268-4908
City of Wichita Sewer Maintenance 268-4071

2. Utility service lines, poles, valve boxes, meters, and etcetera are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
3. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.
4. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
5. Limits of earthwork shall match existing ground elevations at the right-of-way line unless otherwise noted on the plans with a new finished grade elevation. When a new finished grade elevation is shown, the earthwork shall extend one foot beyond the right-of-way line and then sloped up or down using permissible slopes to match the existing ground surface.
6. The Contractor shall adjust water valve boxes and fire hydrants as directed by the Engineer at the price bid for said adjustments. The Water Department shall field located water valves one time during construction when requested by Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, water valve boxes or fire hydrants damaged during construction shall be repaired by the Contractor at his own expense.
7. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state law.
8. No drives are to be constructed on this project.
9. All areas disturbed by construction shall be seeded at 300 lbs./acre with K31 Fescue immediately following construction in that area.
10. The bid item site restoration shall include all finished grading, final site grading, all erosion construction items and any other items as necessary for final completion and acceptance of project.



Benefit District:



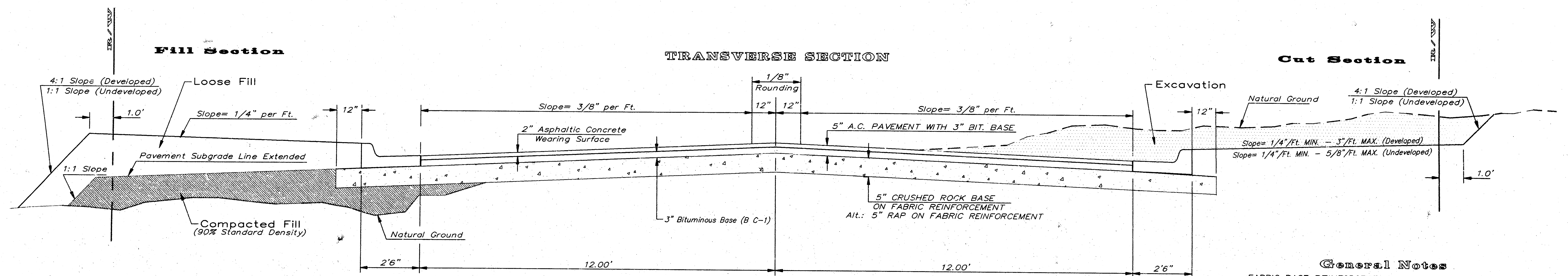
INDEX:

- 1 Title Sheet
- 2 24' Pavement Detail
- 3 Sign Detail
- 4 Lotus
- 5 Earthwork
- 6 Copy of Plat



BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

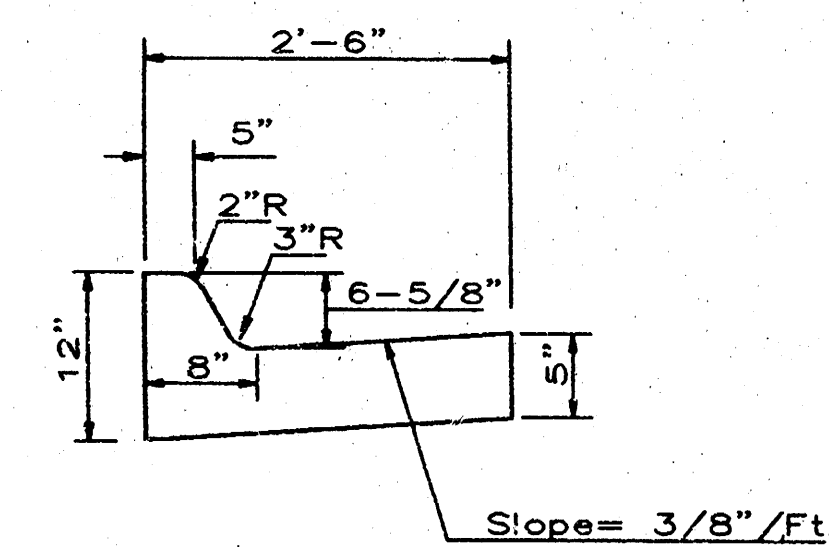
TYPICAL 29' B-B PAVEMENT DETAILS



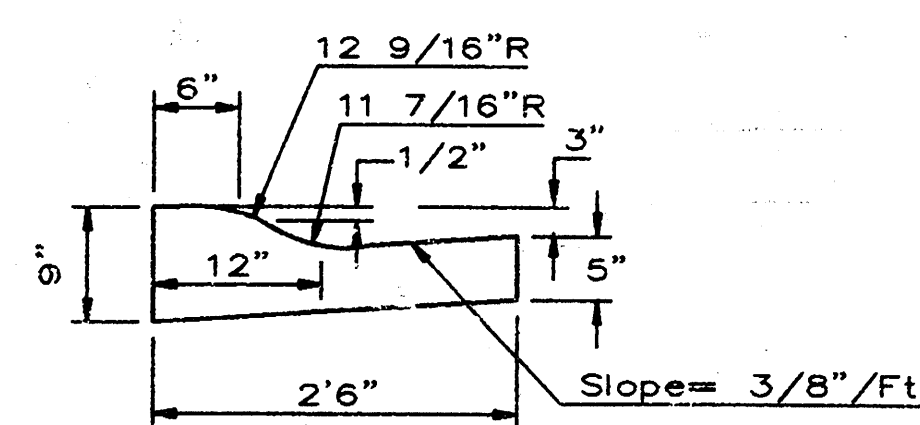
CRUSHED ROCK & RAP GRADATION REQUIREMENTS
PERCENT OF AGGREGATE RETAINED

2-1/2"	0
3/4"	20 - 60
#4	50 - 80
#40	80 - 94
#200	90 - 98

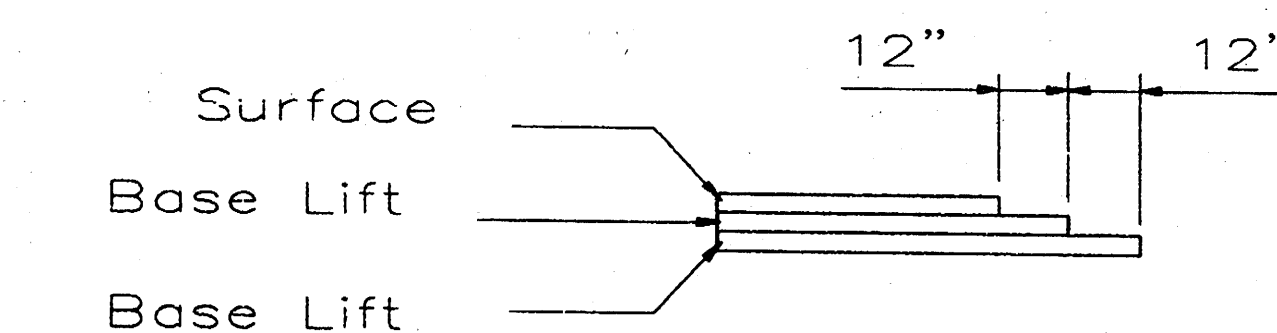
ROCK QUALITY SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY THE KDOT 1990 EDITION STANDARD SPECIFICATION SUBSECTION 1102 FOR DURABILITY CLASS I.



COMBINED CURB & GUTTER



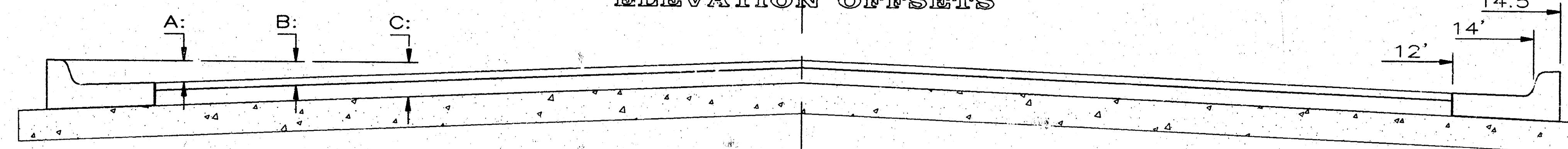
COMBINED ROLL TYPE CURB & GUTTER



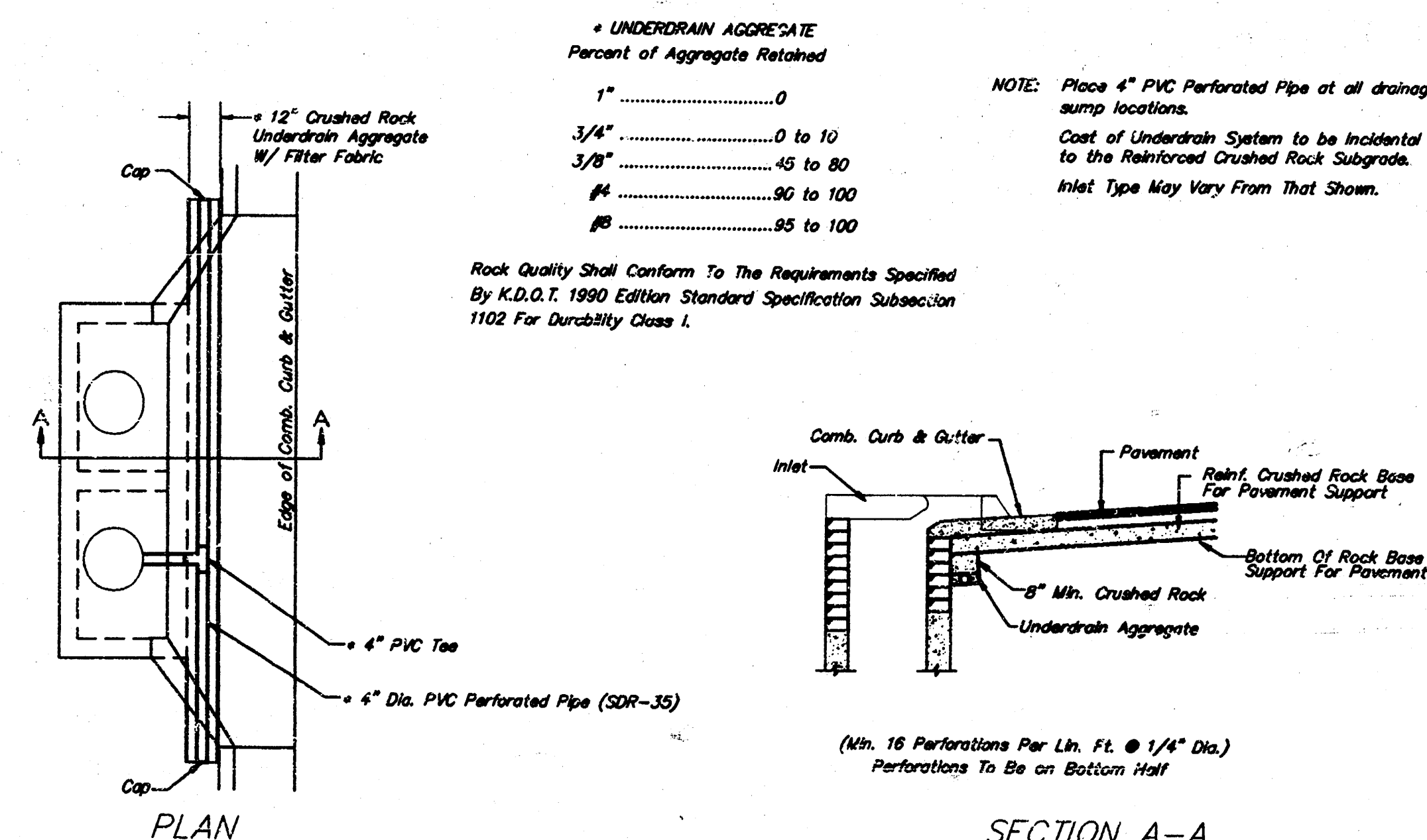
TRANSVERSE CONSTRUCTION JOINTS

Transverse construction joints shall be constructed in flexible base pavements at locations where pavement joints exist in existing flexible base pavement as shown by the detail. All costs associated with the construction of the transverse joint shall be included in the bid price for Square Yards 5\"/>

ELEVATION OFFSETS



	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	15.5'
A: Top of Curb to Top of Surface Lift	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	-	-	-
B: Top of Curb to Top of Upper Base Lift	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	-	-	-
C: Top of Curb to Top of C.R. Subgrade	0.55	0.60	0.66	0.72	0.75	0.78	0.85	0.91	0.97	0.98	1.01

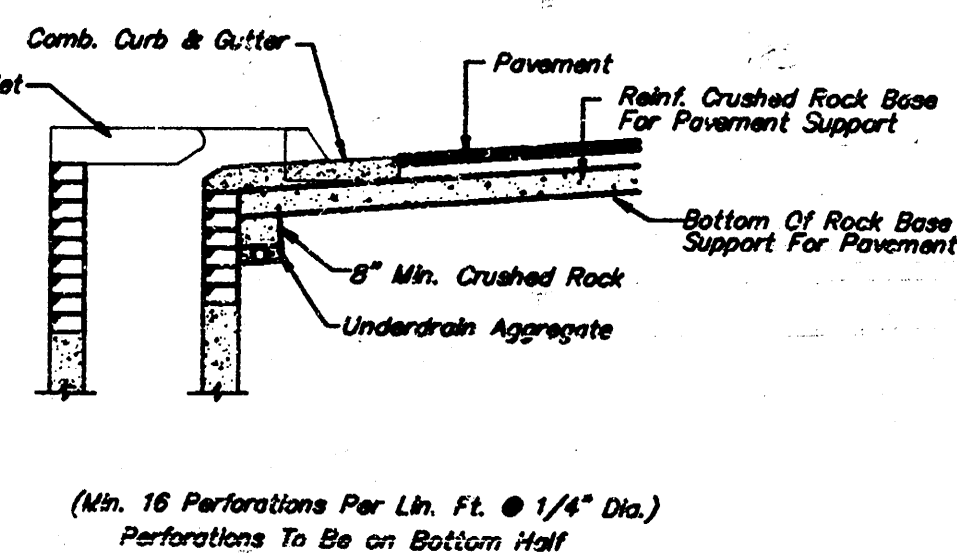


UNDERDRAIN AGGREGATE
Percent of Aggregate Retained

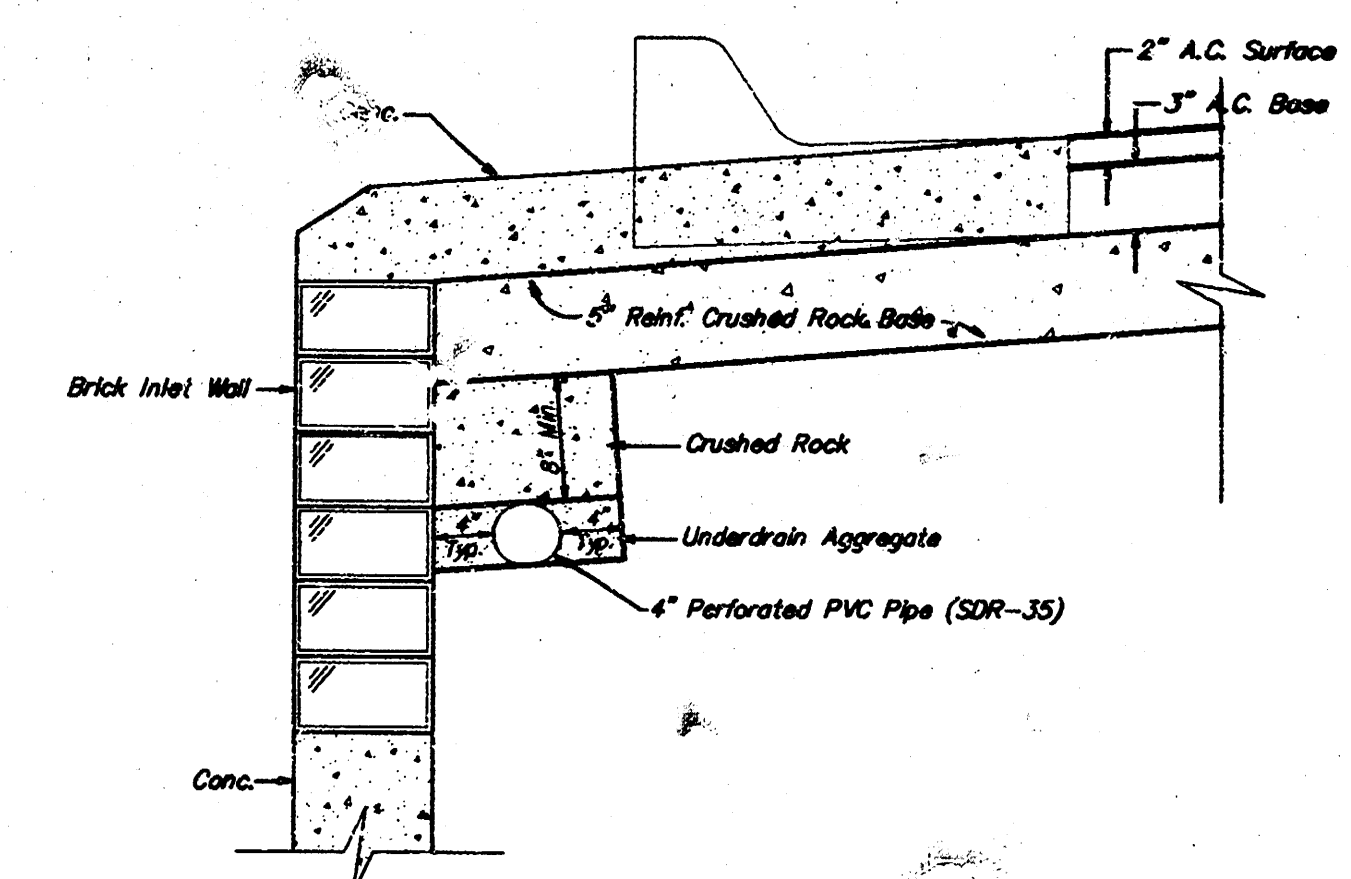
1"	0
3/4"	0 to 10
3/8"	45 to 80
#4	90 to 100
#6	95 to 100

Rock Quality Shall Conform To The Requirements Specified By K.D.O.T. 1990 Edition Standard Specification Subsection 1102 For Durability Class I.

NOTE: Place 4\"/>



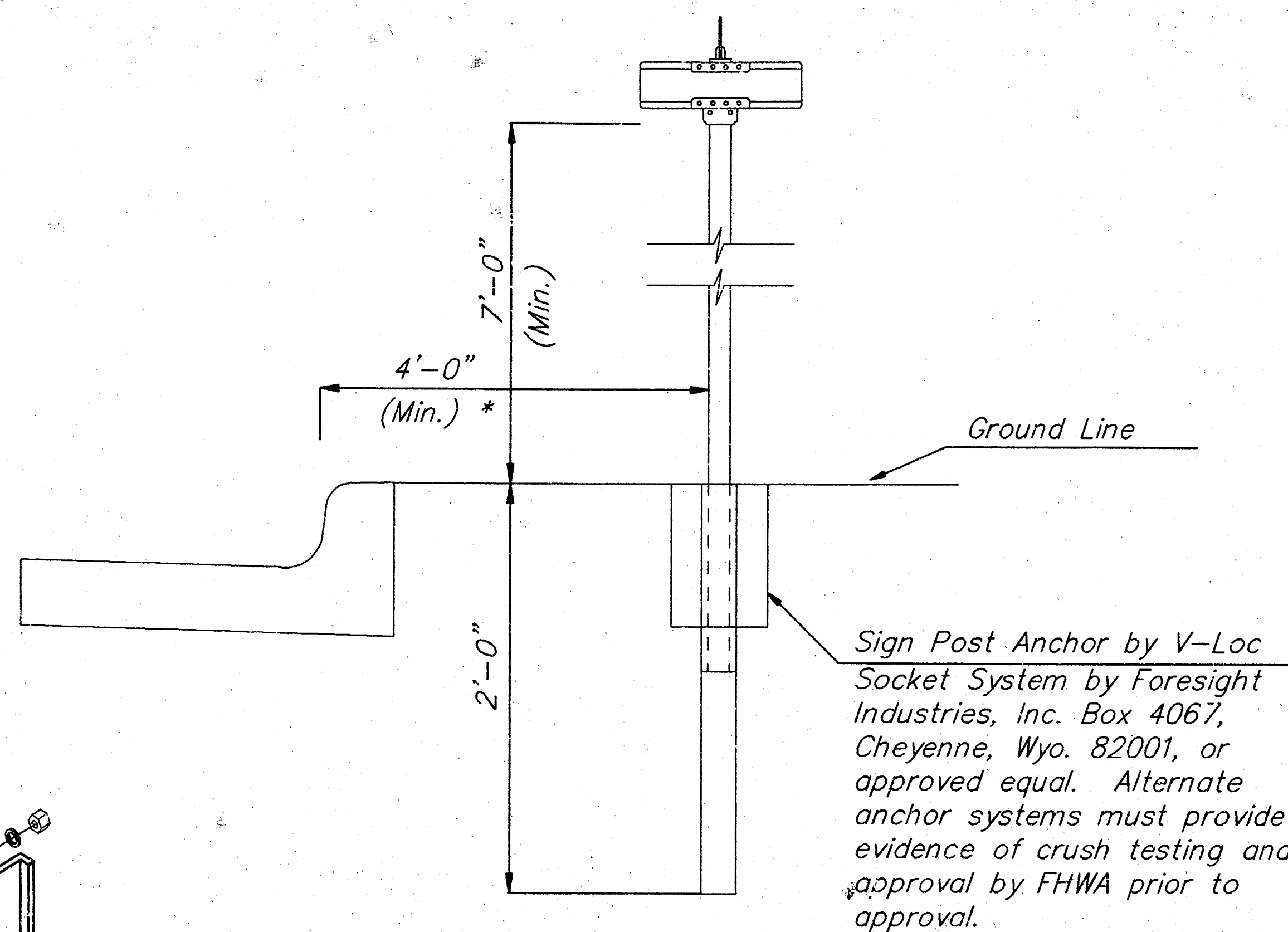
SECTION A-A



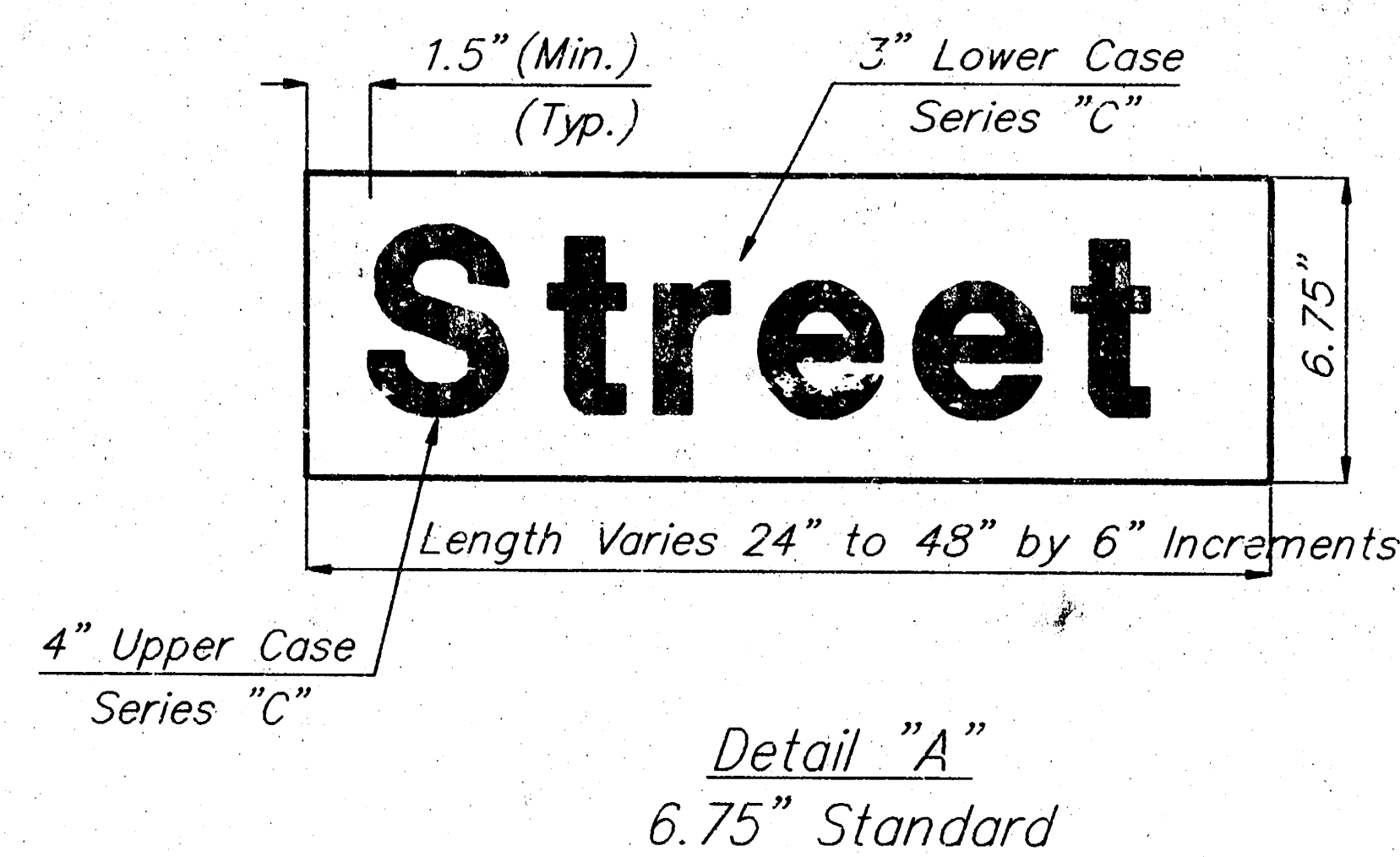
TRENCH DRAIN DETAIL FOR RES. STREETS
NOT TO SCALE

5 INCH Residential Asphaltic Concrete
Pavement with Crushed Rock Base on Fabric Reinforcement
City of Wichita, Kansas

BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211	REV.
PROJECT NUMBER 472-76-245-82053-000-000-001	SHEET 2
DESIGN	DRAWN
APPROVED	DATE
SCALE	OF 6



Typical Traffic Control Sign Mounting Installation
Curb and Gutter Section



The diagram illustrates a standard street name sign with the following specifications:

- Dimensions:**
 - Length: Varies from 24" to 48" by 6" increments.
 - Height: 1.75" (top section) and 2.25" (bottom section).
 - Letter Height: 3" Series "C" (top section) and 3.75" Series "C" Lower Case Letters (bottom section).
 - Letter Spacing: 2.5" (Min.) between letters.
 - Letter Width: 1.5" (Min.) for the last letter.
- Optional Features:**
 - Top Section:**
 - STOP sign (R1-1, 30"x30").
 - NO OUTLET sign (W14-2, 30"x30").
 - YIELD sign (R1-2, 36"x36"x36").
 - Bottom Section:**
 - END OF ROADWAY sign (OM-1, 18"x18").
 - Directional arrow sign (R4-7, 24"x30").

Technical drawing of a street name sign blade. The side view (left) shows a vertical blade with a top width of 0.25", a main body width of 0.091" to 0.094", a central section width of 0.50", a lower section width of 0.75", and a bottom width of 0.250". The end view (right) shows a blade width of 6.75" or 9.00".

*STREET NAME SIGN
BLADE DETAILS*

[illegible]

12. **New traffic control and street name signs.** New traffic control and street name signs shall be measured and paid for at the lump sum price for signing. The payment as set forth above shall be considered full compensation for all excavation, backfilling, posts, anchors, fasteners, materials, labor, tools, and incidentals necessary to complete this work.

DESIGN <i>BP</i>	DRAWN	UTIL. CHECK'D	DATE <i>May 1995</i>	SCALE <i>None</i>
---------------------	-------	---------------	-------------------------	----------------------

eng | stone | signed 94-04-E750

