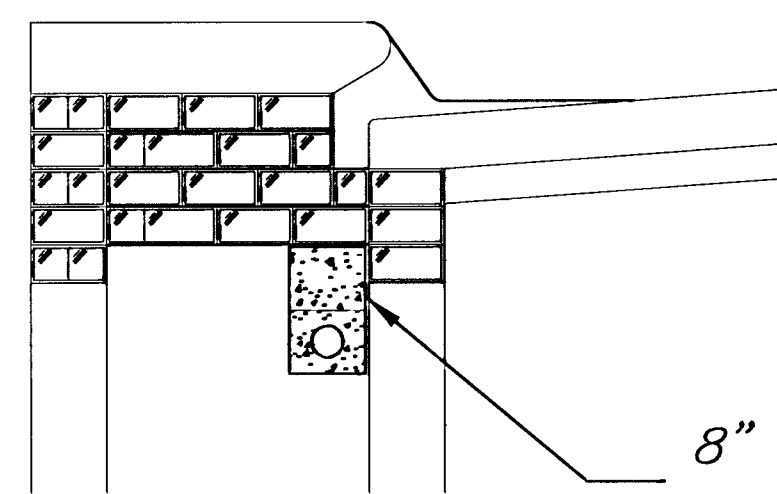


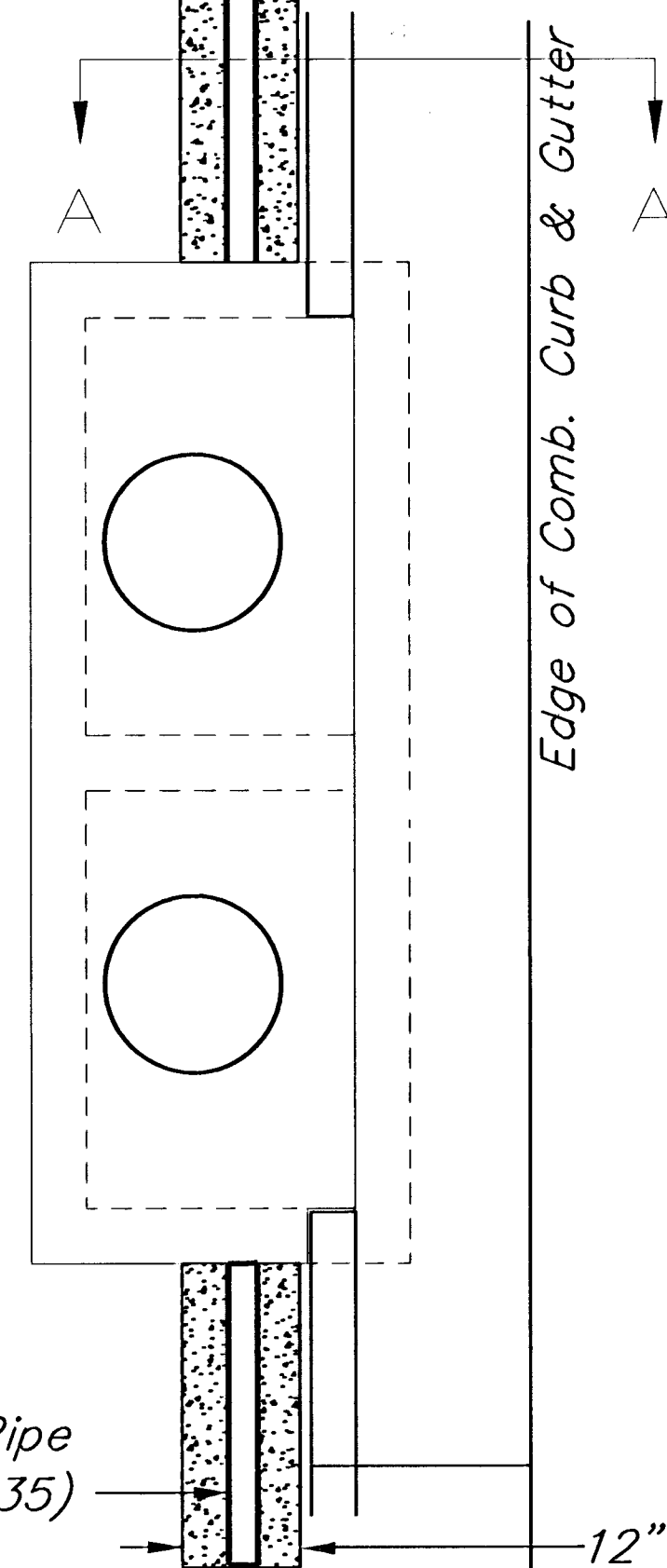


8" Min. Crushed Rock Underdrain Aggregate

(Min. 16 Perforations Per Lin. Ft. @ 1/4" Dia.)
Perforations To Be on Bottom Half

SECTION A-A

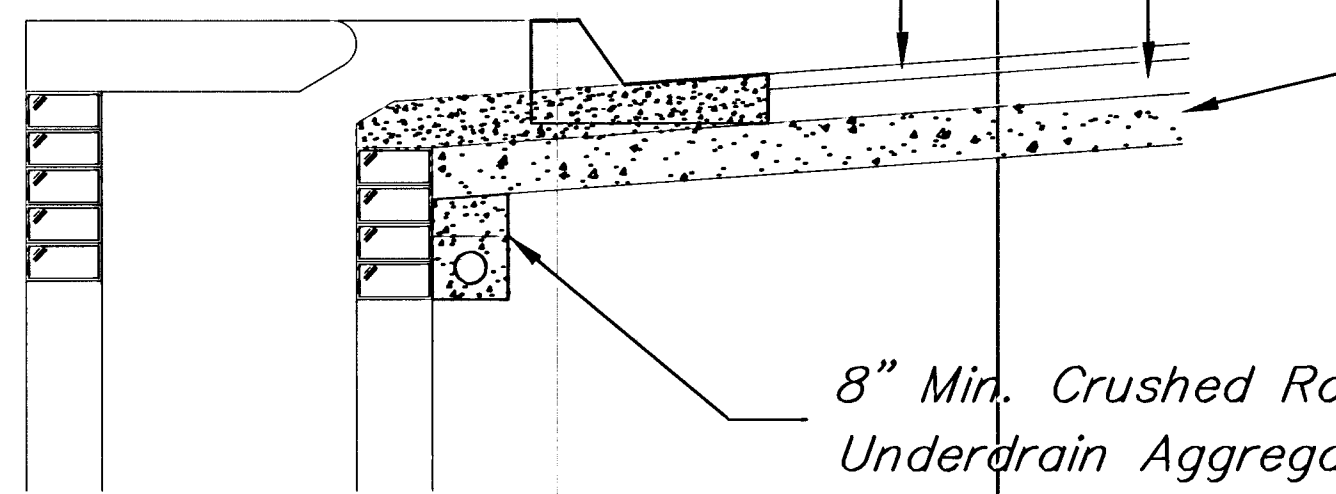
Cap 5' Beyond End Of Inlet



4" Dia. PVC Perforated Pipe (SDR-35)

12" Crushed Rock Underdrain Aggregate W/ Filter Fabric

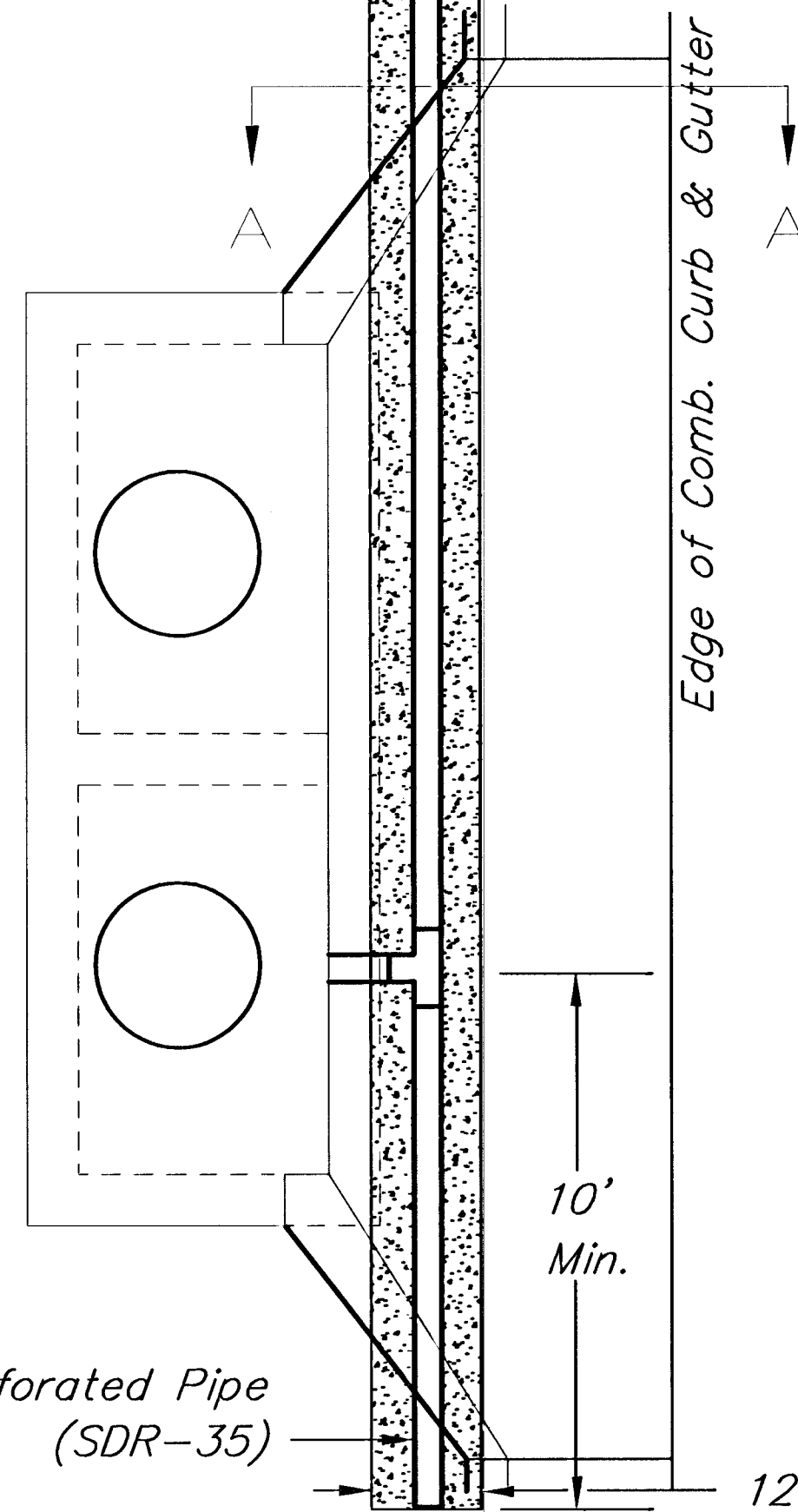
Type 1 & 2 Inlet



Asphalt Surface
Crushed Rock Subgrade
Tensor Reinforcement

8" Min. Crushed Rock Underdrain Aggregate

Cap 5' Beyond End Of Inlet



4" Dia. PVC Perforated Pipe (SDR-35)

12" Crushed Rock Underdrain Aggregate W/ Filter Fabric

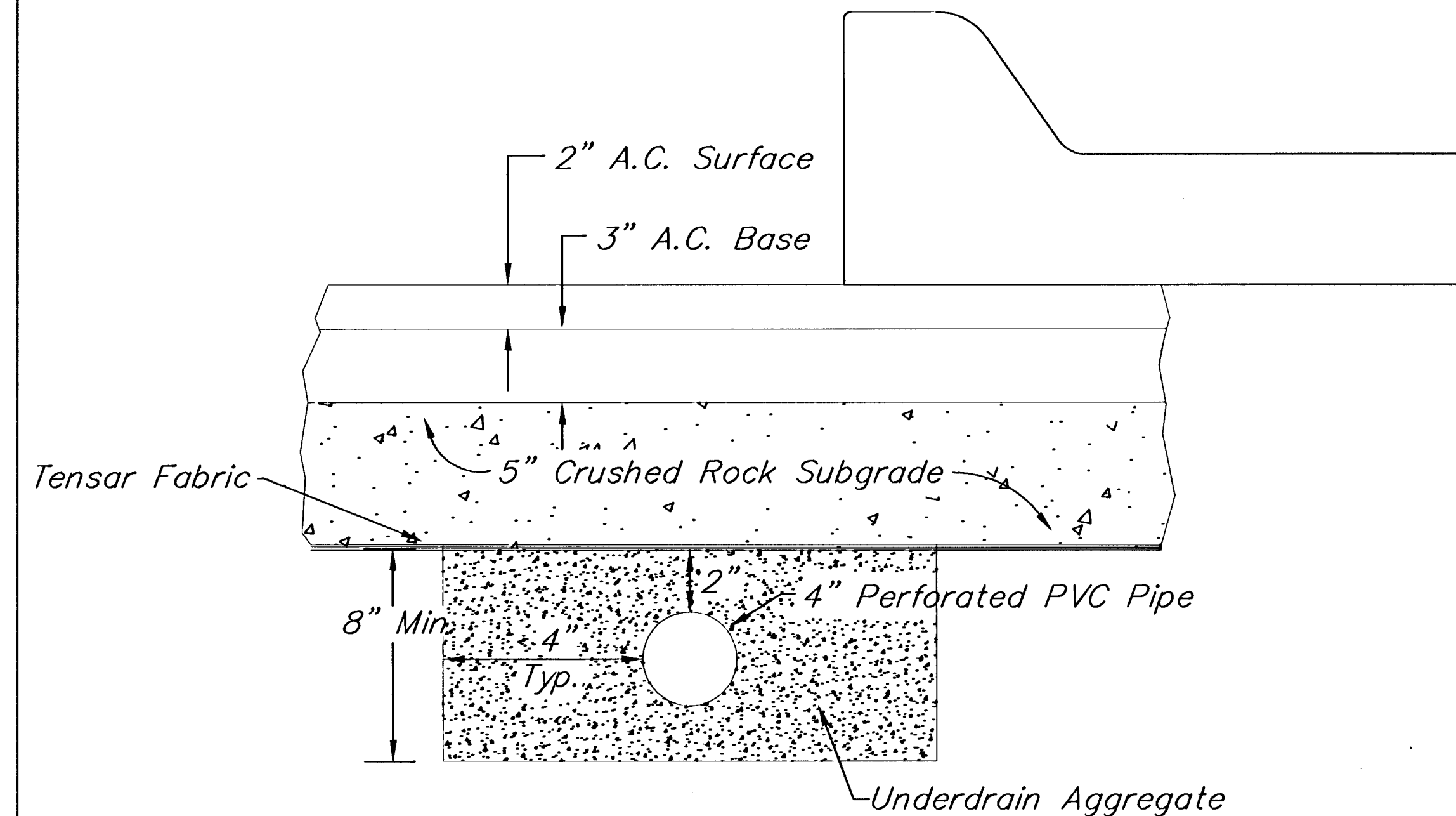
Type 1-A Inlet

CRUSHED ROCK GRADATION REQUIREMENTS

Percent of Aggregate Retained

1 1/2"	0
3/4"	15-60
# 4	40-80
#40	74-92
P-200	4-12

Rock Quality Shall Be The Same As Specified For Coarse Aggregate For Asphalt Concrete Mixes.

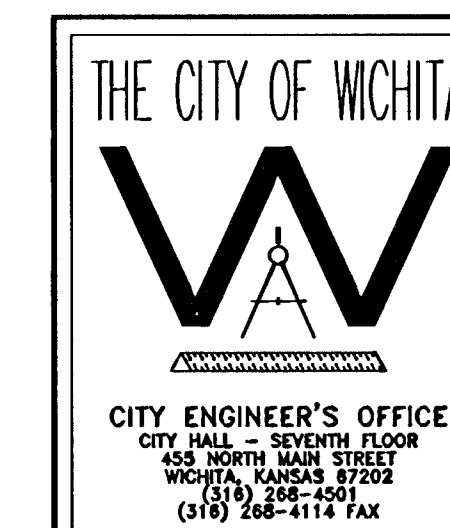


Tensor Fabric

Underdrain Aggregate

NOTE: Place 4" PVC Perforated Pipe at all drainage sump locations.

Cost of Underdrain System to be incidental to the Reinforced Crushed Rock Subgrade.



PAVEMENT UNDERDRAIN DETAIL

JAMES L. ARMOUR, P.E. - CITY ENGINEER

PROJECT NUMBER 472-83430 INDEX CODE 765969

DATE MAR 98 SHEET 65 OF 78

FINAL

Designed By: JMU/JPD
Drawn By: JPD
Poe Job No.: 1694J
Date: January 2006

EQUESTRIAN ESTATES ADDITION - PHASE 2
STREET IMPROVEMENTS
PAVEMENT UNDERDRAIN DETAILS
CITY OF WICHITA, KANSAS
JAMES L. ARMOUR, P.E. - CITY ENGINEER
C.O.W. Project # 472-83430 O.C.A. # 765969

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