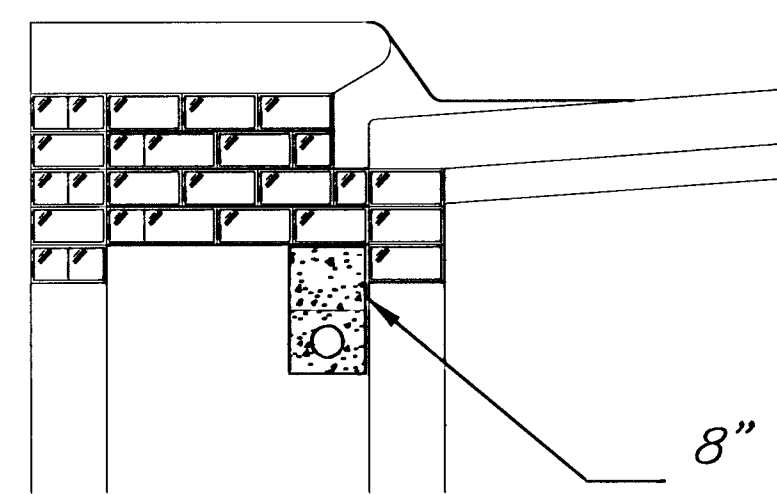


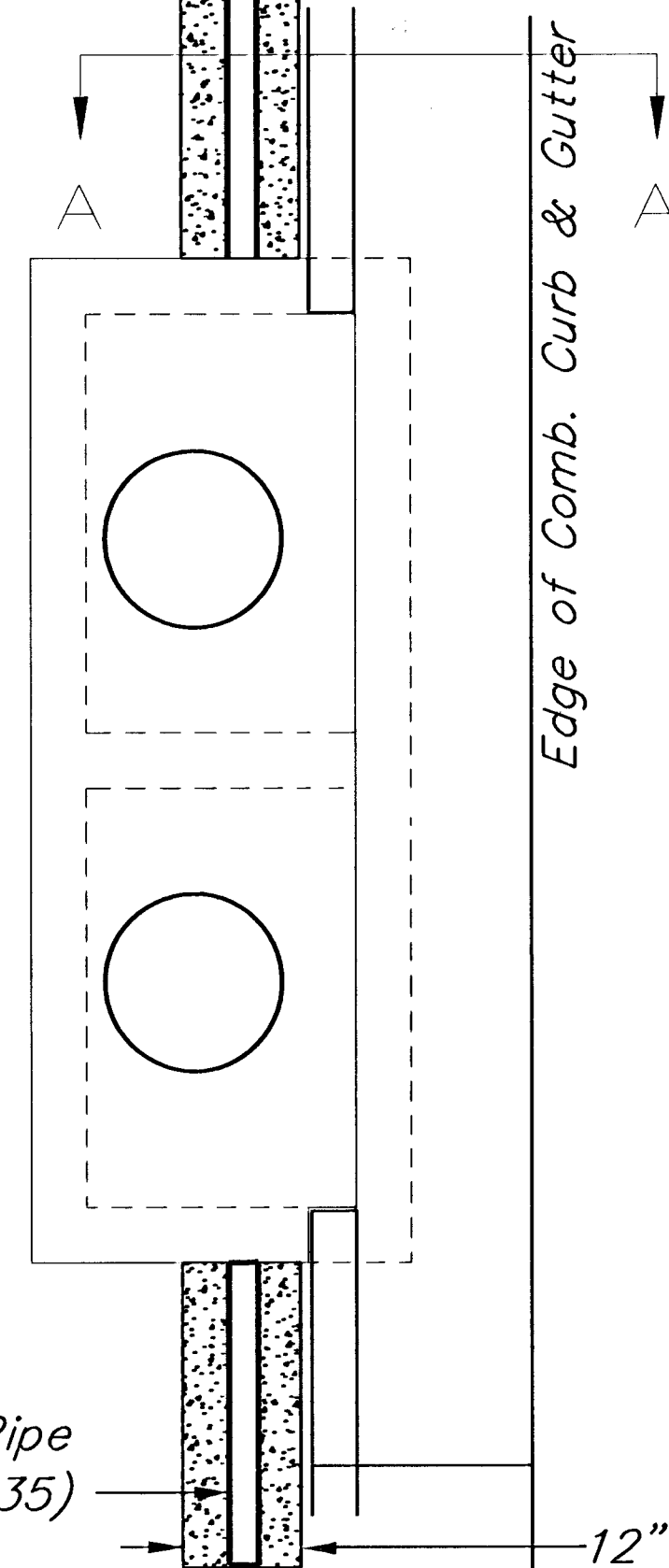


8" Min. Crushed Rock Underdrain Aggregate

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

SECTION A-A

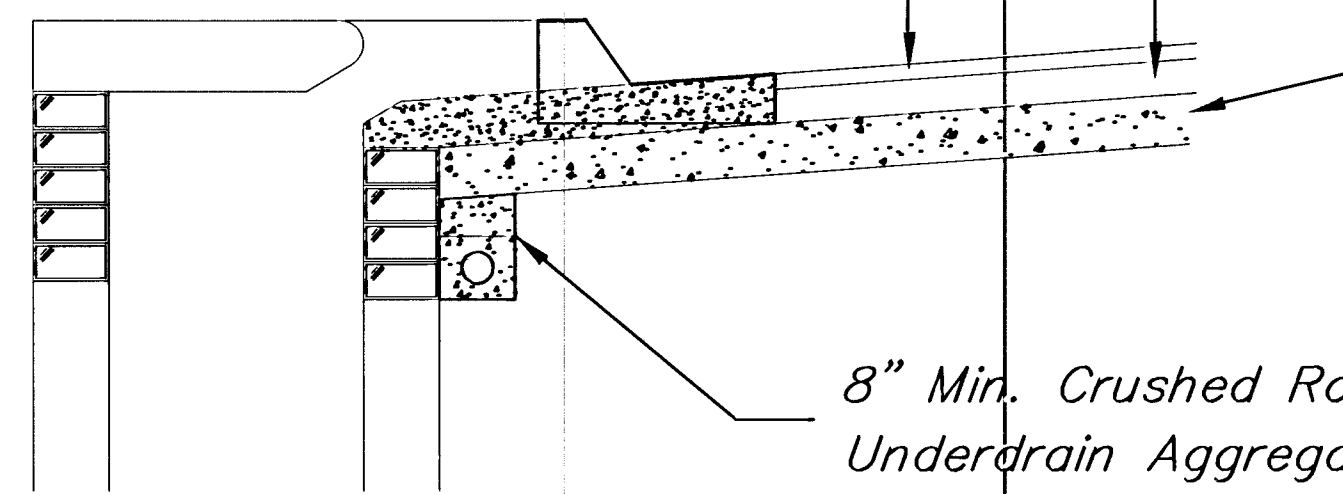
Cap 5' Beyond End Of Inlet



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

12" Crushed Rock Underdrain Aggregate W/ Filter Fabric

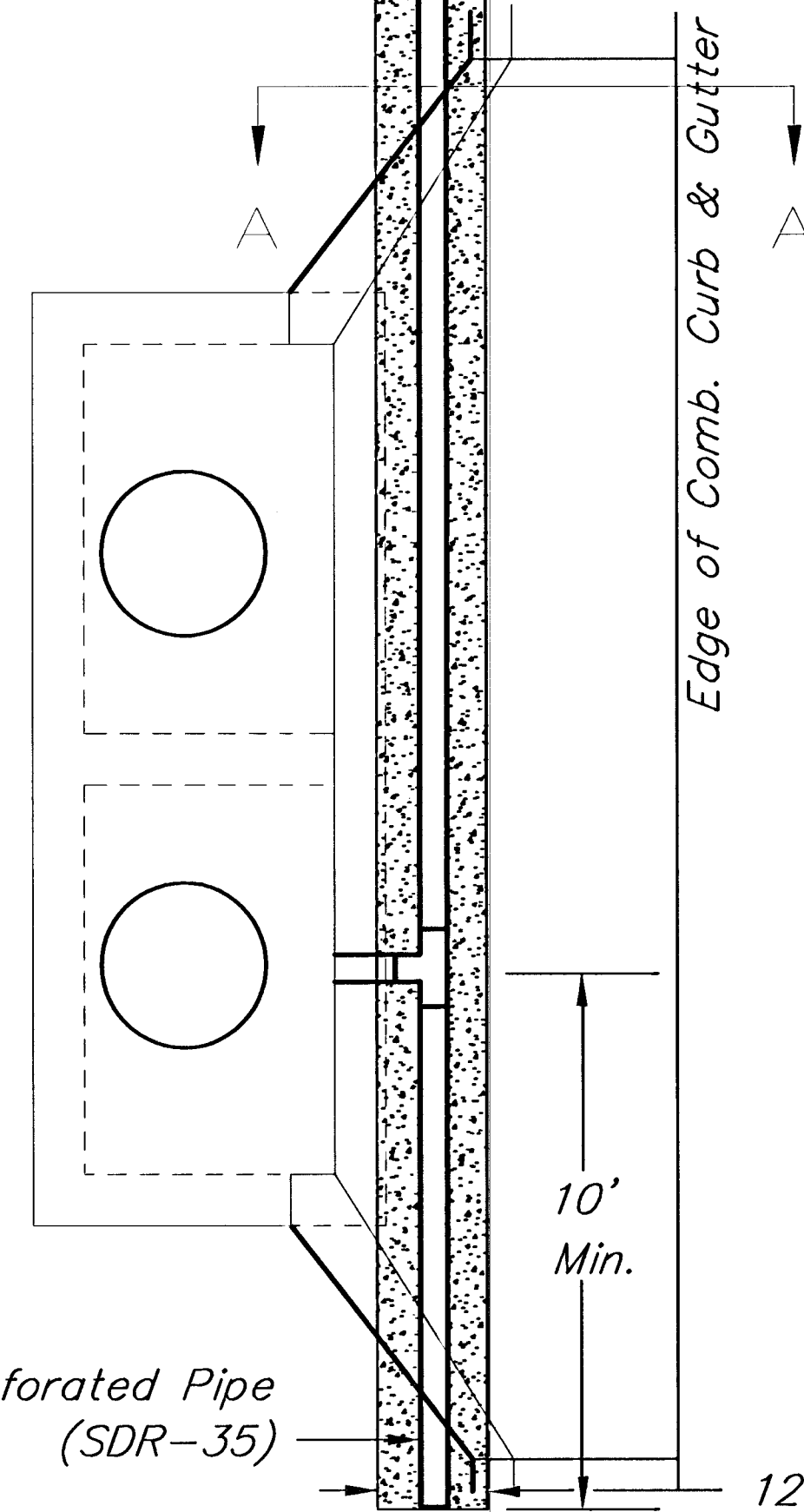
Type 1 & 2 Inlet



Asphalt Surface
Crushed Rock Subgrade
Tensar 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

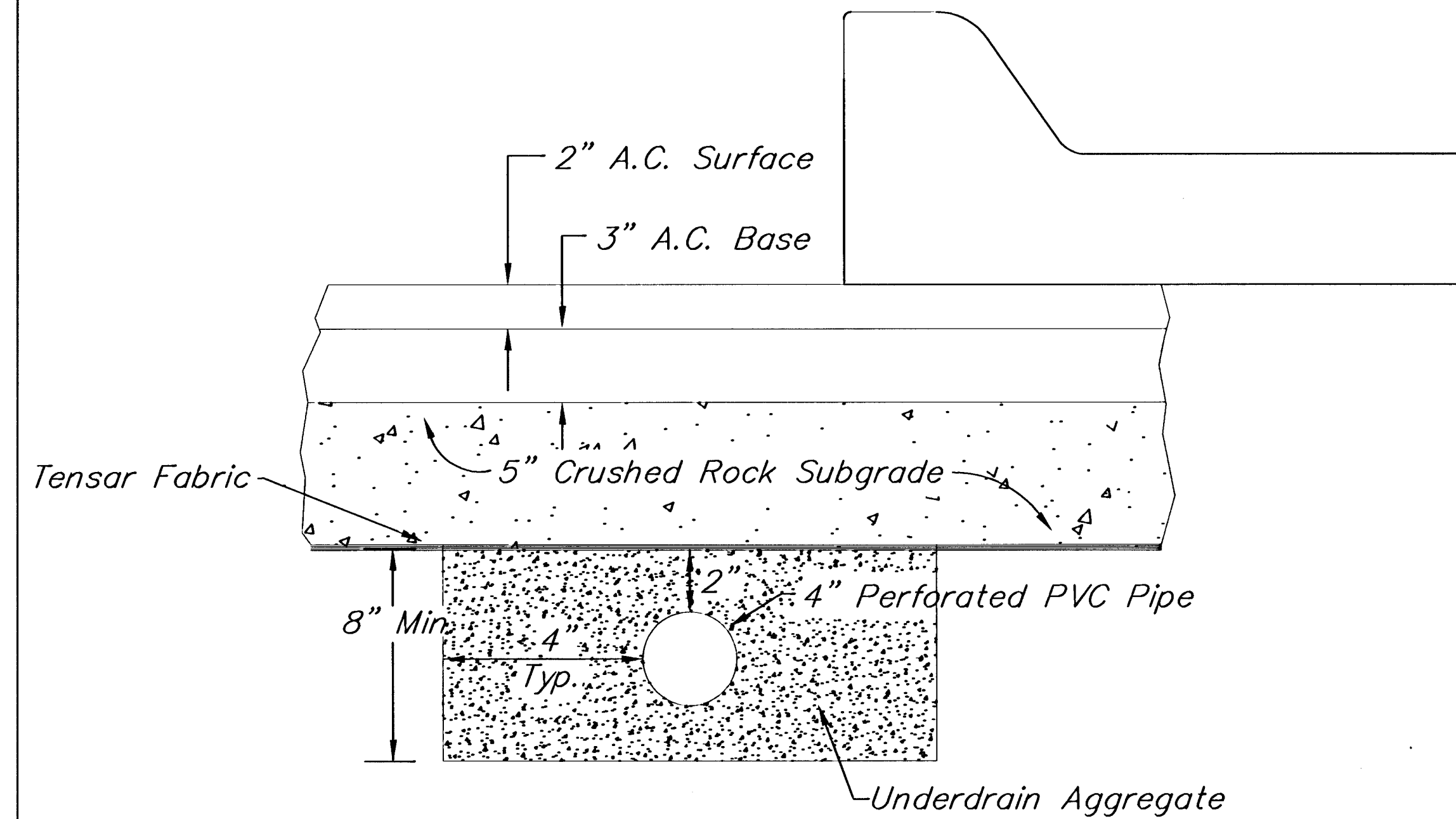
Type 1-A Inlet

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.



Tensar Fabric

2" A.C. Surface
3" A.C. Base

5" Crushed Rock Subgrade

8" Min.

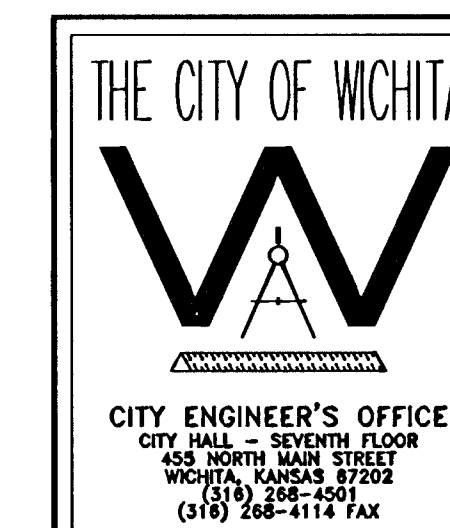
4" Perforated PVC Pipe

4" Typ

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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