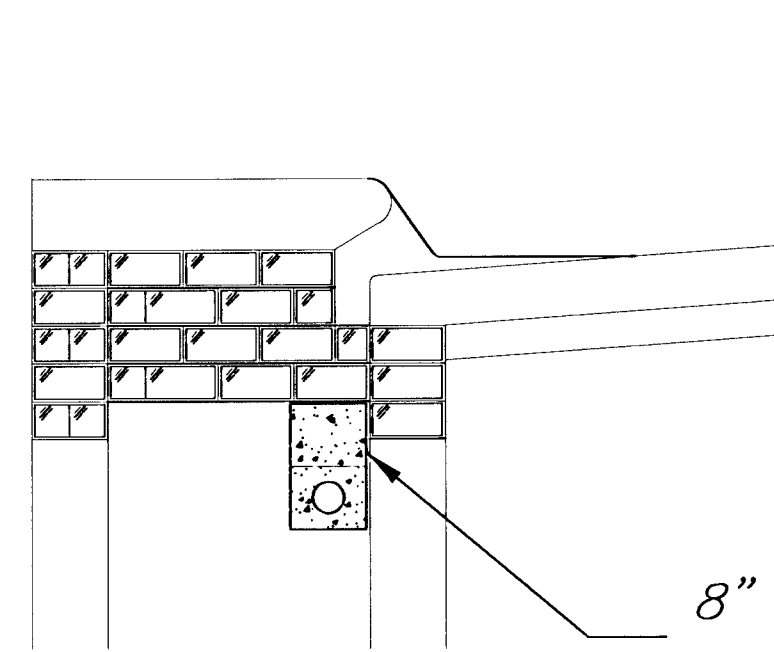


G:\APPS\DOCA\1694\BASE-ST.dwg Thu Mar 21 14:30:20 2002 Bernard Kujala - POE & ASSOCIATES OF KANSAS INC.

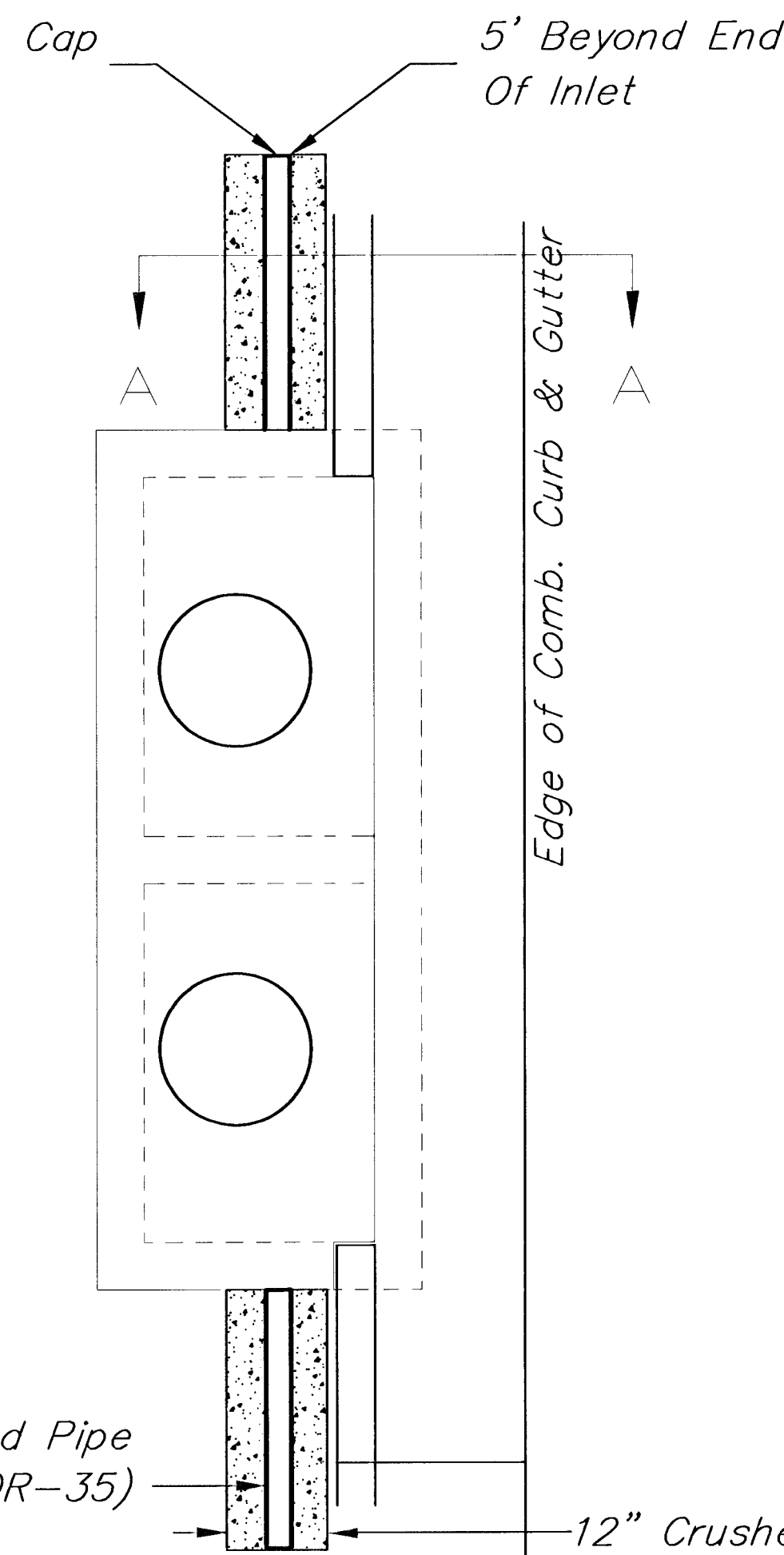
SWP 24X



8" Min. Crushed Rock Underdrain Aggregate

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

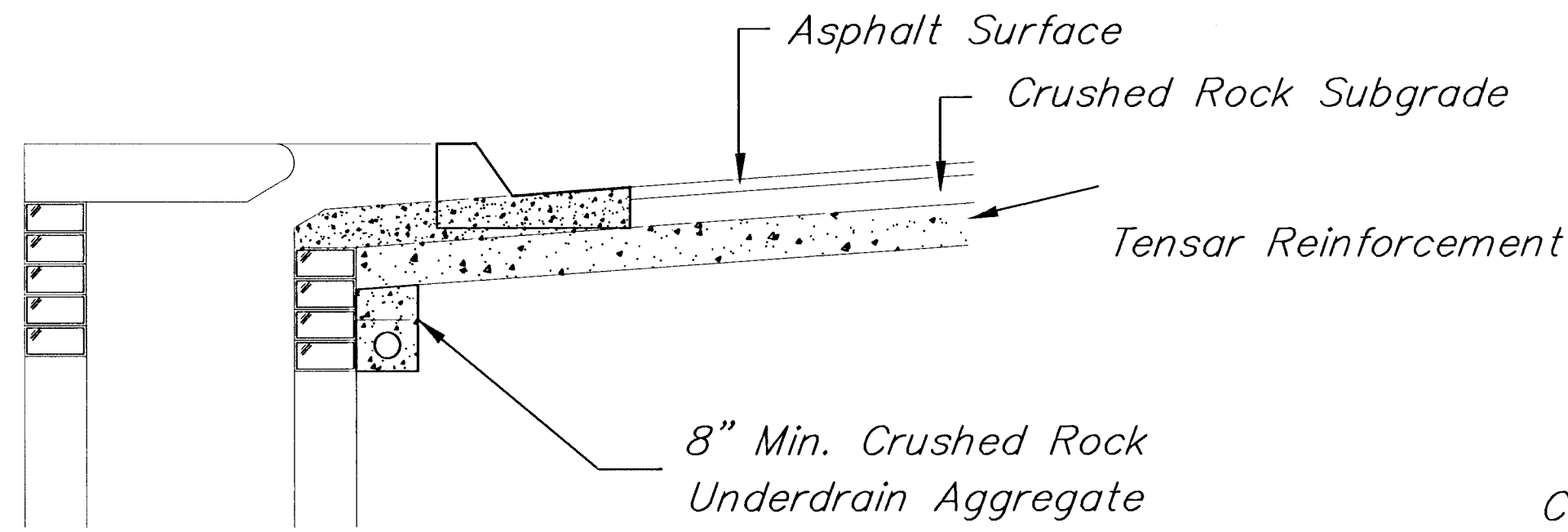
SECTION A-A



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

12" Crushed Rock Underdrain Aggregate W/ Filter Fabric

Type 1 & 2 Inlet

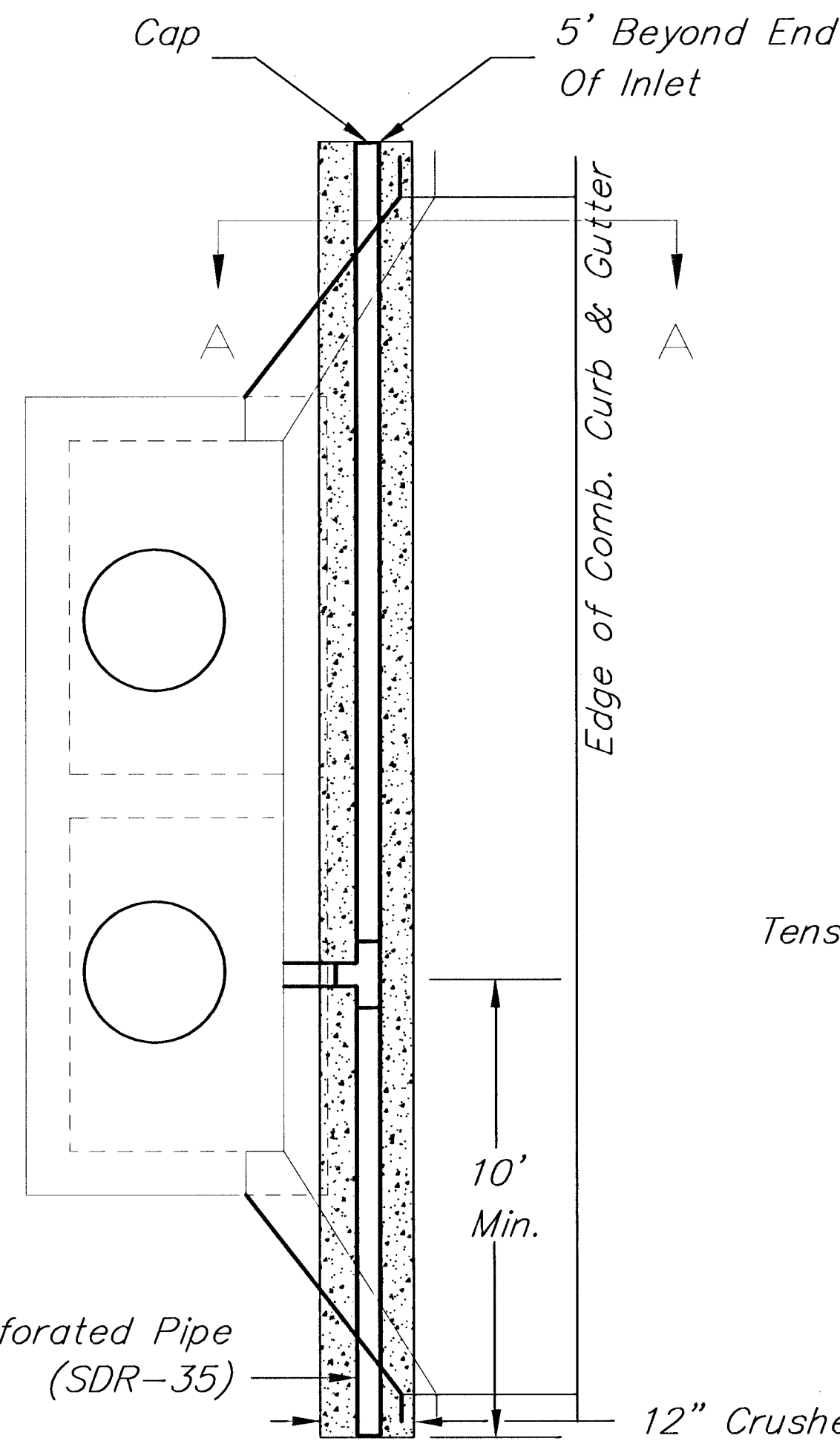


8" Min. Crushed Rock Underdrain Aggregate

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

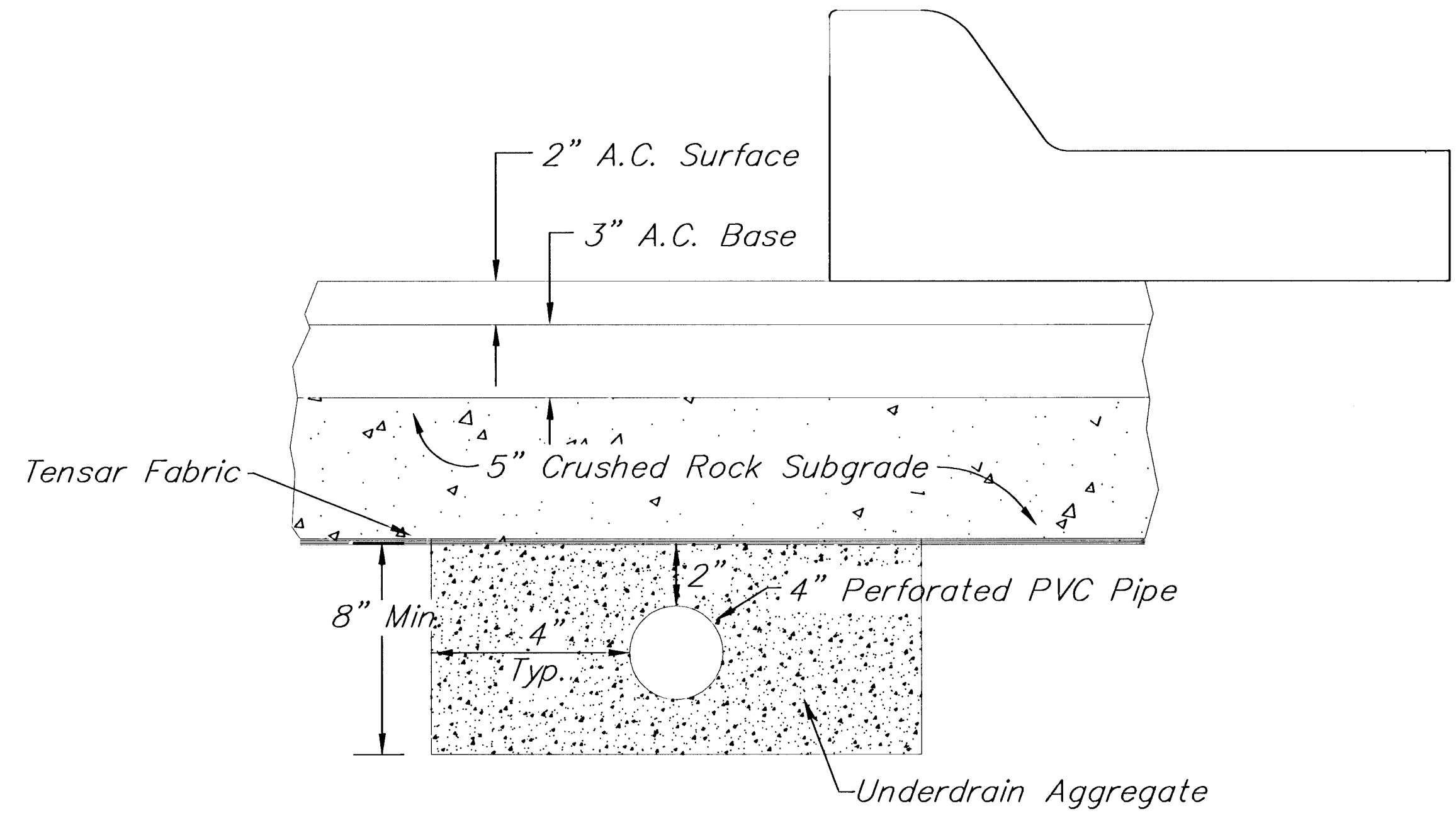
Rock Quality Shall Be The Same As Specified
For Coarse Aggregate For Asphalt Concrete Mixes.



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

12" Crushed Rock Underdrain Aggregate W/ Filter Fabric

Type 1-A Inlet



Tensar Fabric

8" Min.

4"

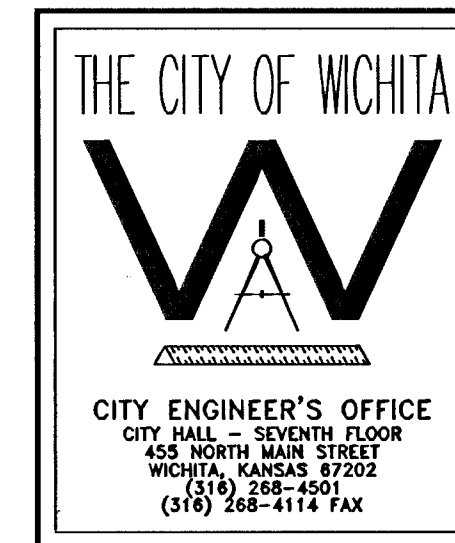
4" Perforated PVC Pipe

Underdrain Aggregate

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

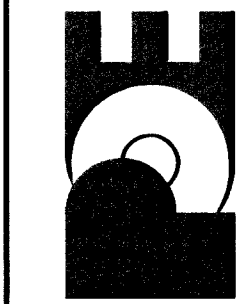
Cost of Underdrain System to be incidental to the Reinforced Crushed Rock Subgrade.

REV. 11-22-00, MCG



PAVEMENT UNDERDRAIN DETAIL	
M. E. LINDEBAK P.E. - CITY ENGINEER	
PROJECT NUMBER 472-83424	INDEX CODE 765705
DATE MAR 96	SHEET 98 OF 112

Designed By: J. Ubert / J. Dickman	Sheet
Drawn By: J. Dickman	98 of 112
For Job No.: 1694A	
Date: March 2002	



POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 • Wichita, KS 67208-4242
Phone 316/685-4114 • FAX 316/685-4444

EQUESTRIAN ESTATES - PHASE 1
STREET IMPROVEMENTS
PAVEMENT DETAILS
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
C.O.W. Project # 472-83424 O.C.A. # 765705

No.	Date	By	Approved	Revision
1				
2				
3				
4				