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Issue date/revisions

project name

THE DISTRICT
AT VALLEY VIEW
MALL

sheet title

EROSION,
DRAINAGE, &
UTILITY DETAILS

drawn

BMB

checked

RWM

project no.

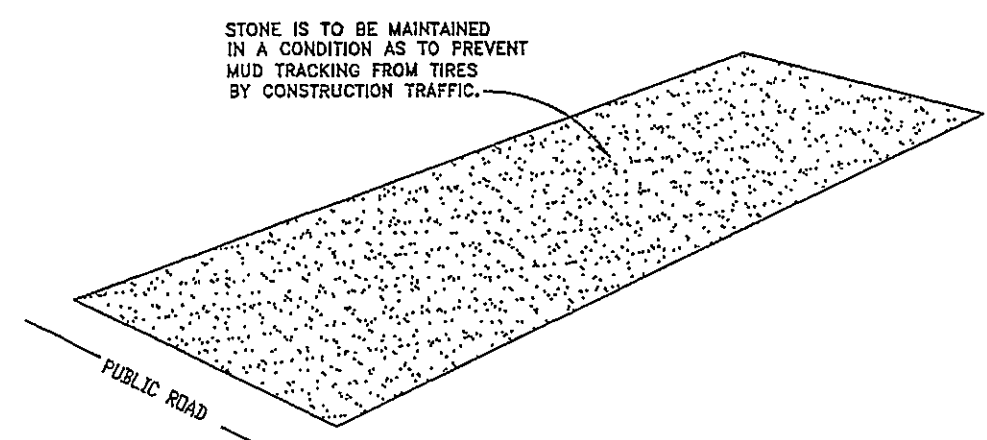
0536

date

02/06/06

sheet no.

C-5



- NOTES:
1. STONE SIZE ASTM-D448(1 1/2" - 3 1/2" DIA.)
 2. PAD SIZE IS TO BE 100' LENGTH OF 6" MIN. DEPTH BY 24' MIN. WIDTH.
 3. PLACE FILTER FABRIC UNDER STONE.
 4. DRESS WITH ADDITIONAL STONE AS NEEDED.
 5. INCLUDE WASHING AS NEEDED.
 6. PLACE 4" STRIP OF CRUSHER RUN NEXT TO EXISTING PAVEMENT
 7. BALES OF STRAW SHALL BE PLACED END TO END ACROSS FULL WIDTH OF EXIT AT END OF EVERY DAY.

MAINTENANCE

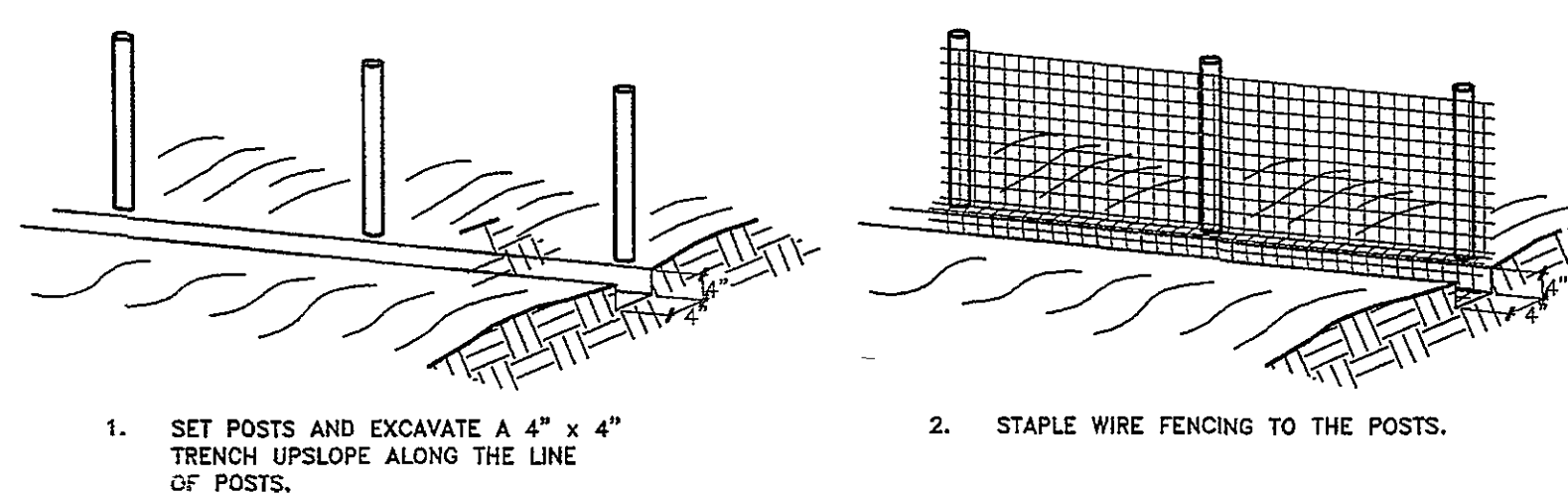
THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2-INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

CONSTRUCTION SPECIFICATIONS

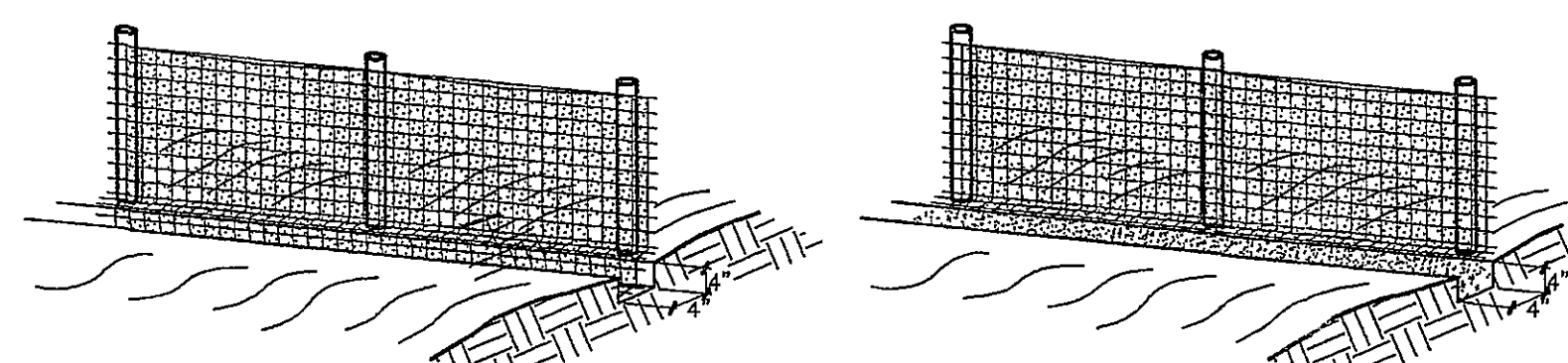
THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL. THE GRAVEL SHALL BE PLACED TO THE SPECIFIED DIMENSIONS. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHOULD BE CONSTRUCTED ACCORDING TO SPECIFICATIONS. IF WASH RACKS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

CONSTRUCTION EXIT DETAIL

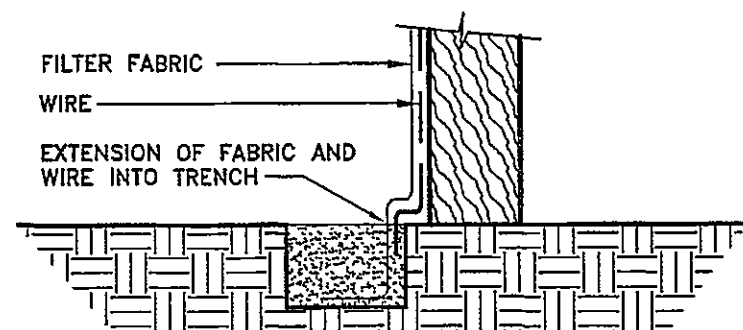
N.T.S.



1. SET POSTS AND EXCAVATE A 4" x 4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.
2. STAPLE WIRE FENCING TO THE POSTS.



3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.
4. BACKFILL AND COMPACT THE EXCAVATED SOIL.

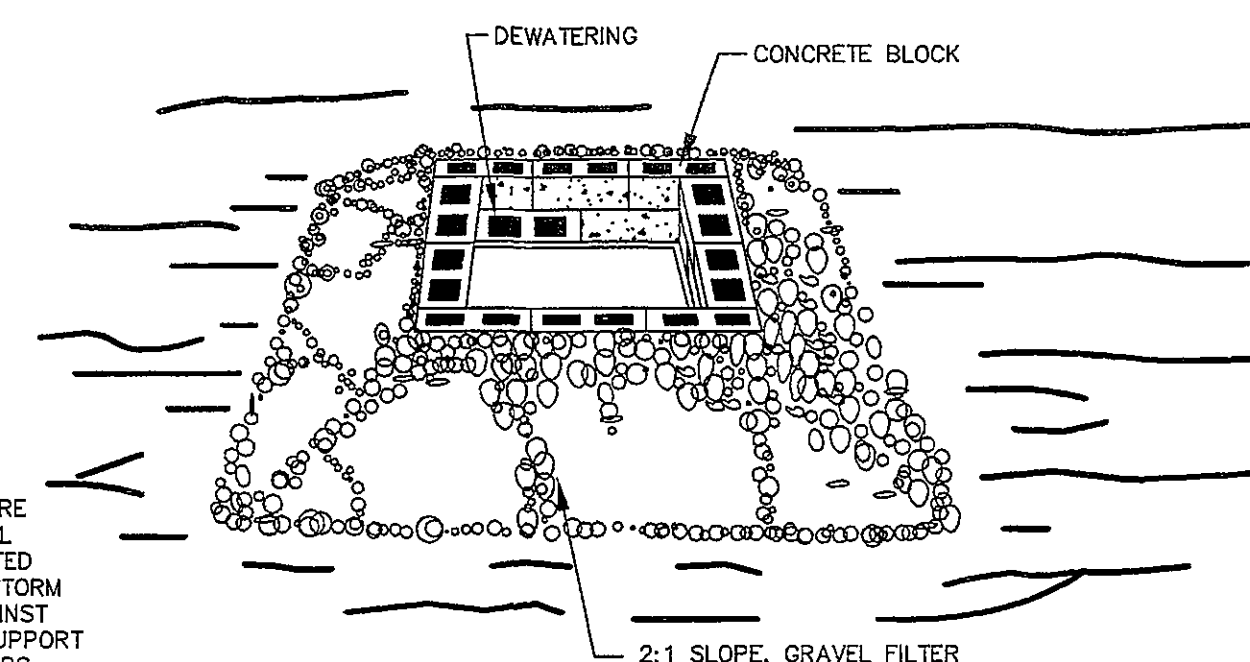


NOTE: INSTALL EROSION CONTROL MEASURES AS REQUIRED TO PREVENT ALL EROSION FROM LEAVING SITE.

SILT FENCE DETAIL

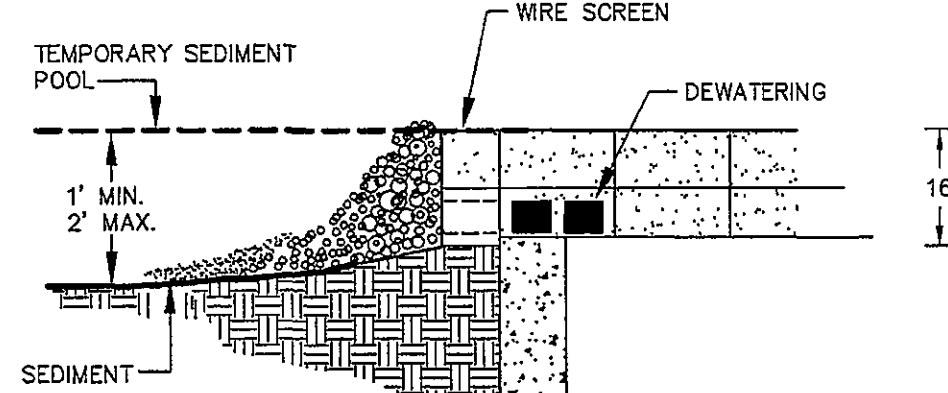
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USE IF NEED ARISES DURING CONSTRUCTION.



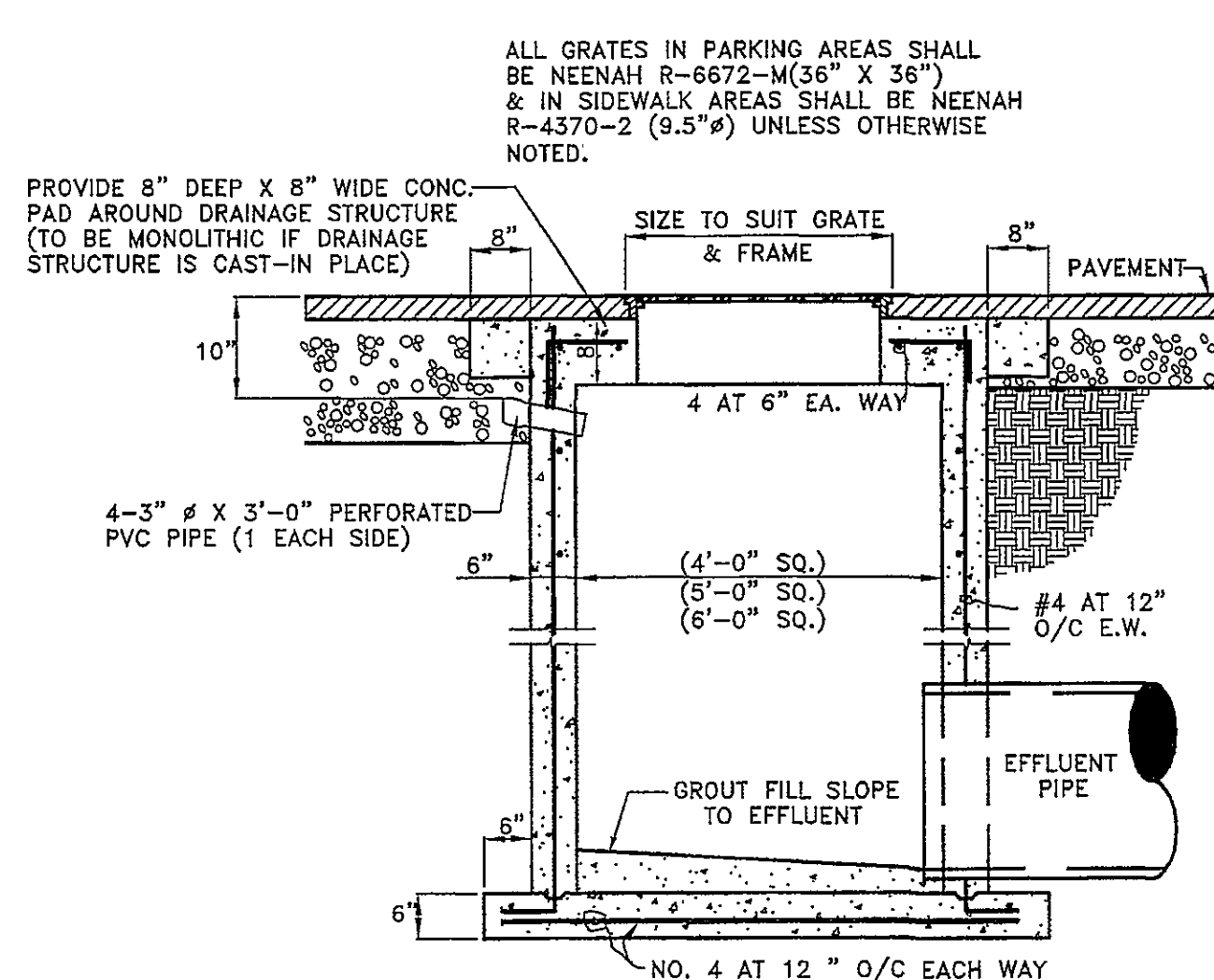
CONSTRUCTION SPECIFICATIONS

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW POOL DRAINAGE. THE FOUNDATION SHOULD BE EXCAVATED AT LEAST 2 INCHES BELOW THE CREST OF THE STORM DRAIN. PLACE THE BOTTOM ROW OF BLOCKS AGAINST THE EDGE OF THE STORM DRAIN FOR LATERAL SUPPORT AND TO AVOID WASHOUTS WHEN OVERFLOW OCCURS. IF NEEDED, GIVE LATERAL SUPPORT TO SUBSEQUENT ROWS BY PLACING 2 X 4 WOOD STUDS THROUGH BLOCK OPENINGS.
2. CAREFULLY FIT HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2-INCH OPENINGS OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
3. USE CLEAN GRAVEL, 3/4" TO 1 1/2-INCH IN DIAMETER, PLACED 2 INCHES BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER AND SMOOTH IT TO AN EVEN GRADE. DOT #57 WASHED STONE IS RECOMMENDED.



STORM DRAIN INLET PROTECTION

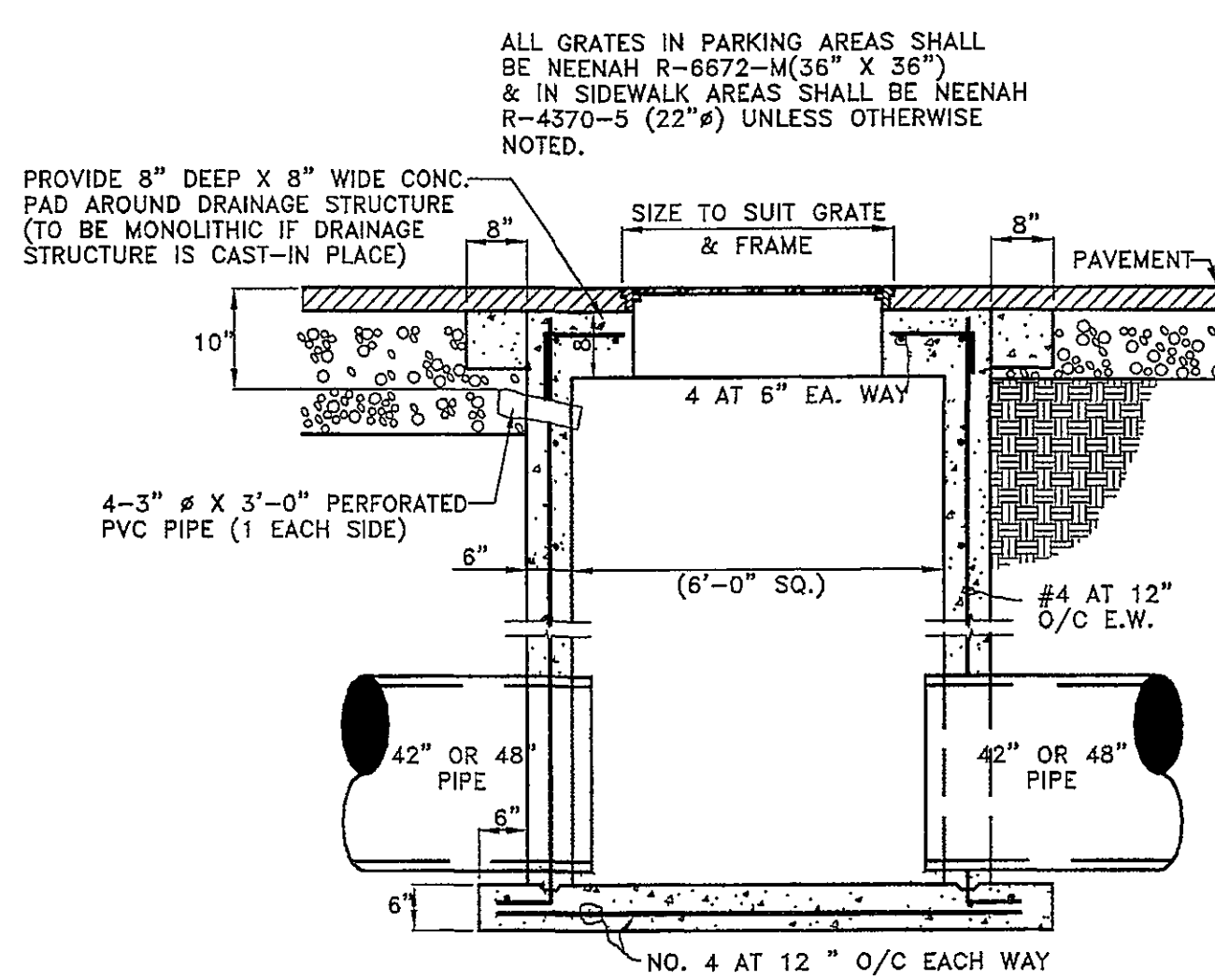
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CATCH BASIN

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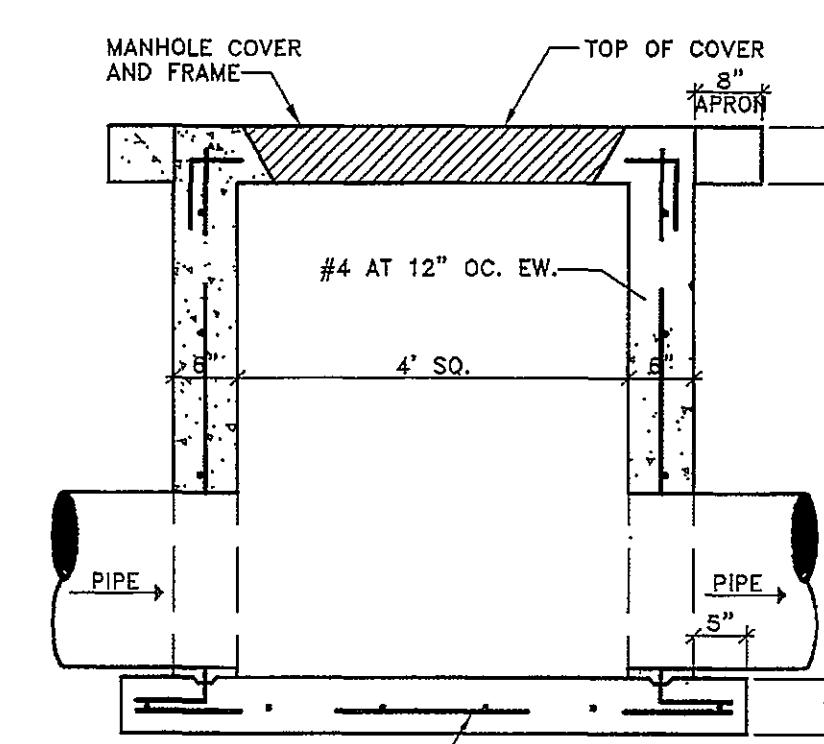
SITE GRADING/STORM CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL CATCH BASINS DURING CONSTRUCTION. *ALL EXISTING CATCH BASINS SHALL BE ADJUSTED TO MATCH FINISHED GRADE.



CATCH BASIN @ EX. STORM LINE

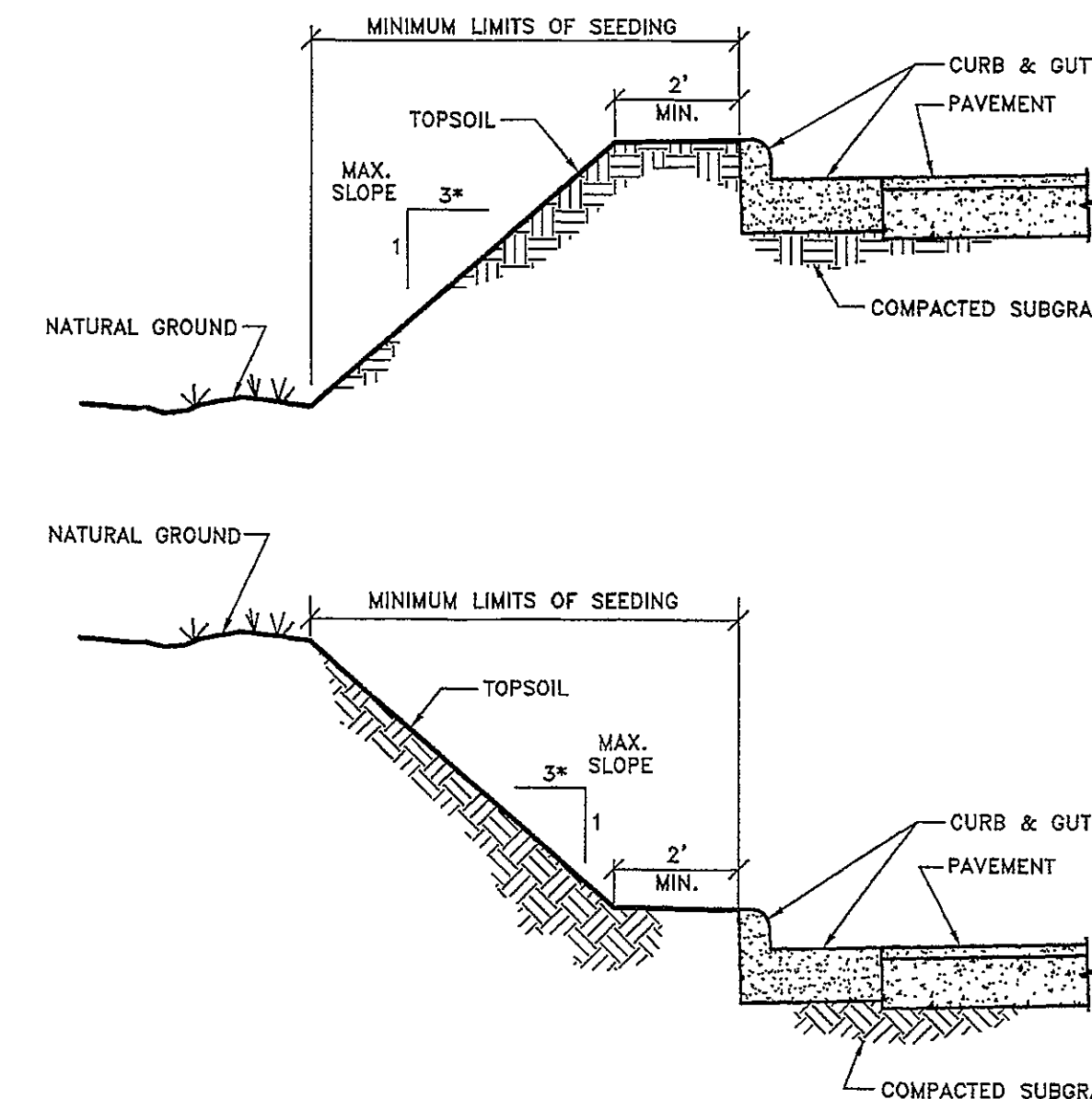
N.T.S.

SITE GRADING/STORM CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL CATCH BASINS DURING CONSTRUCTION. *ALL EXISTING CATCH BASINS SHALL BE ADJUSTED TO MATCH FINISHED GRADE.



JUNCTION BOX DETAIL

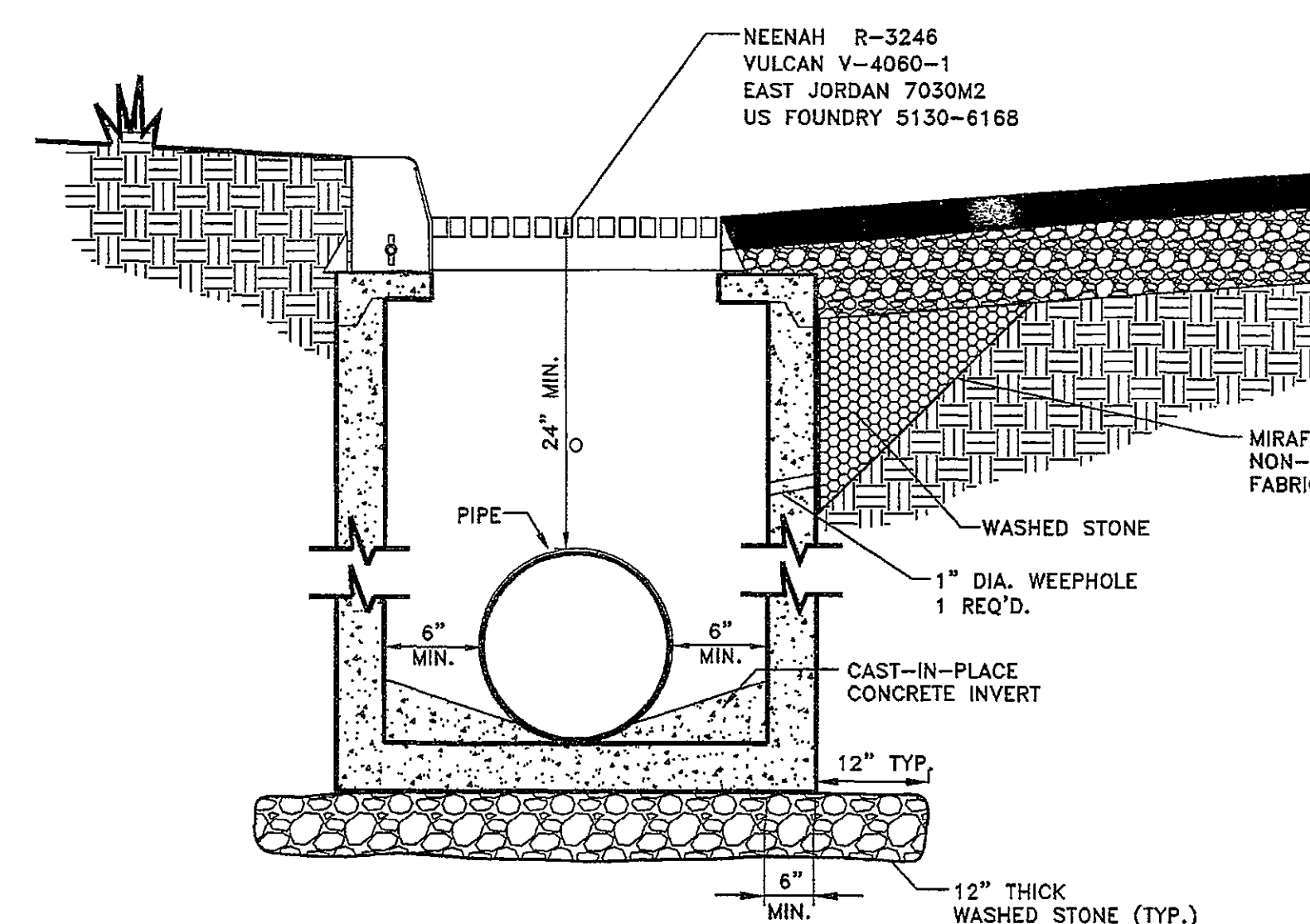
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TYP. CUT & FILL SECTION

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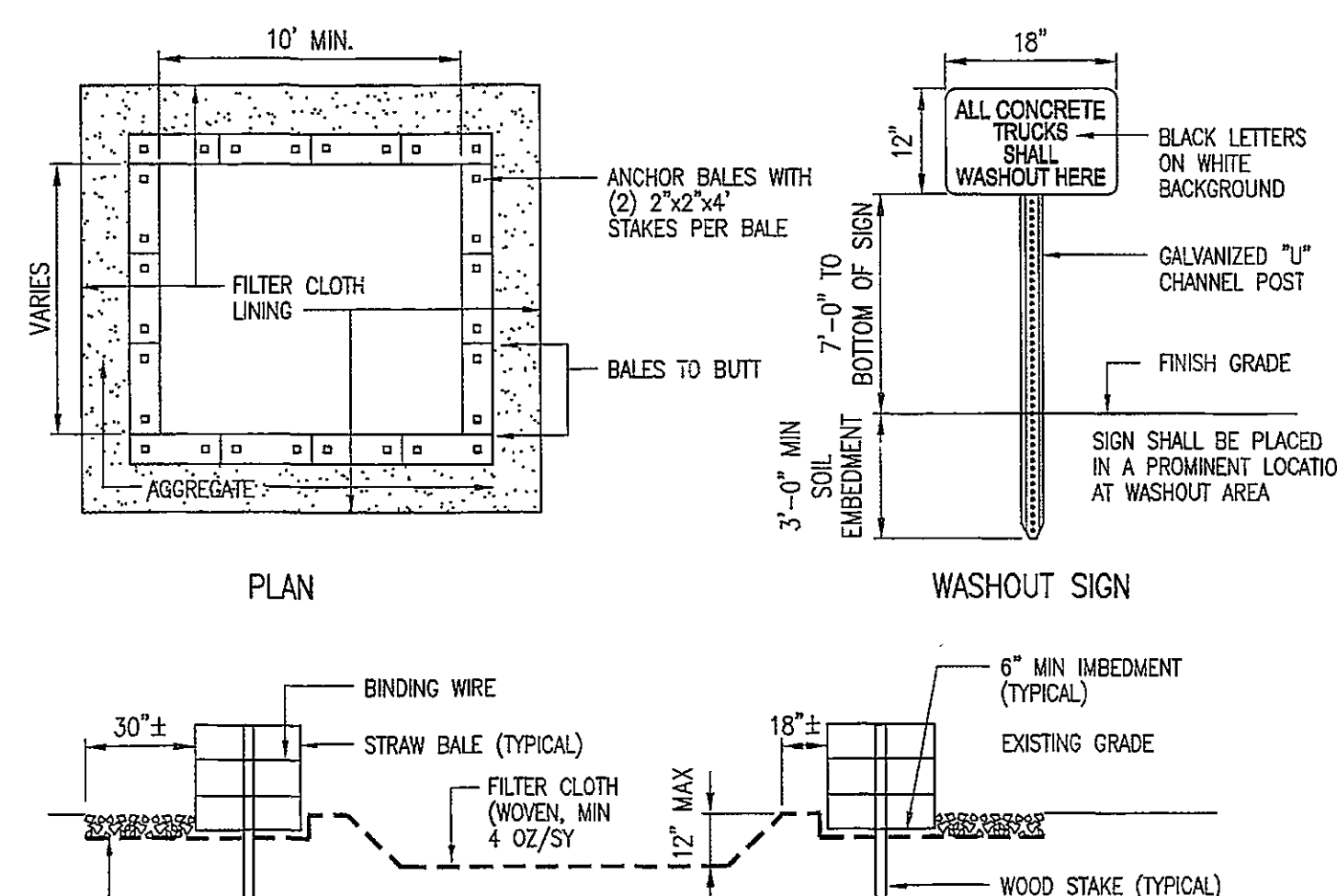
*UNLESS OTHERWISE SHOWN



CURB INLET WITH GRATE

N.T.S.

PRE-CAST CATCH BASIN, TRAFFIC RATING.

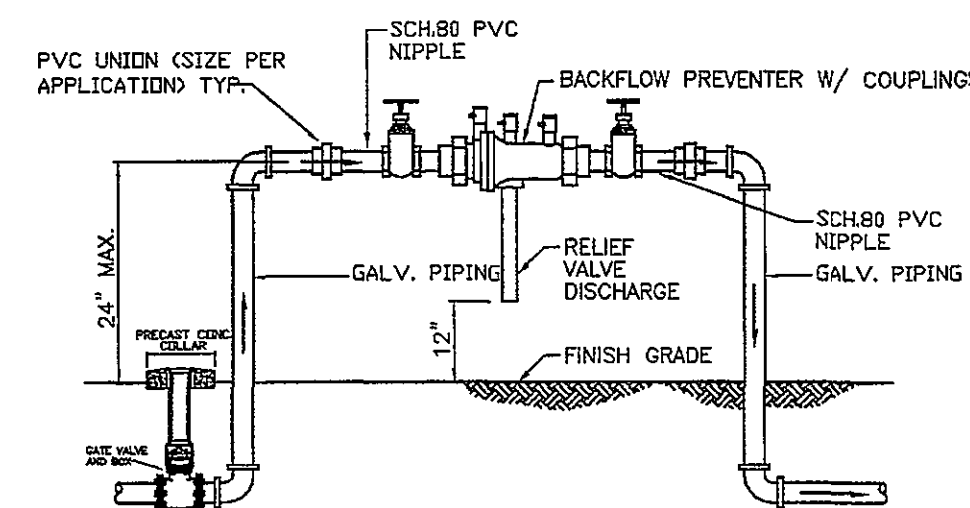


TYPICAL SECTION

- NOTES:
1. WASHOUT AREA(S) SHALL BE INSTALLED IN A LOCATION EASILY ACCESSIBLE BY CONCRETE TRUCKS.
 2. ONE OR MORE AREAS MAY BE INSTALLED ON THE CONSTRUCTION SITE AND MAY BE RELOCATED AS CONSTRUCTION PROGRESSES.
 3. AT LEAST WEEKLY REMOVE ACCUMULATION OF SAND AND AGGREGATE AND DISPOSE OF PROPERLY.

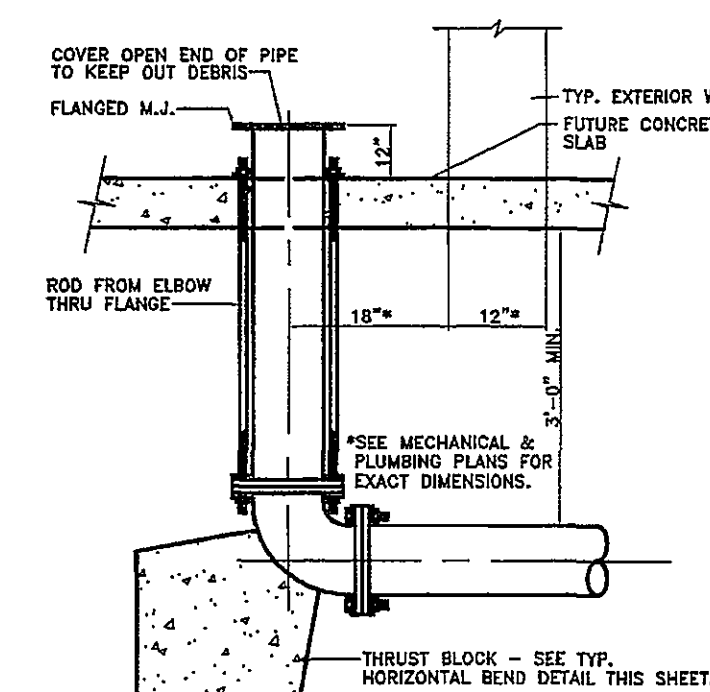
CONCRETE WASHOUT AREA DETAIL

NTS



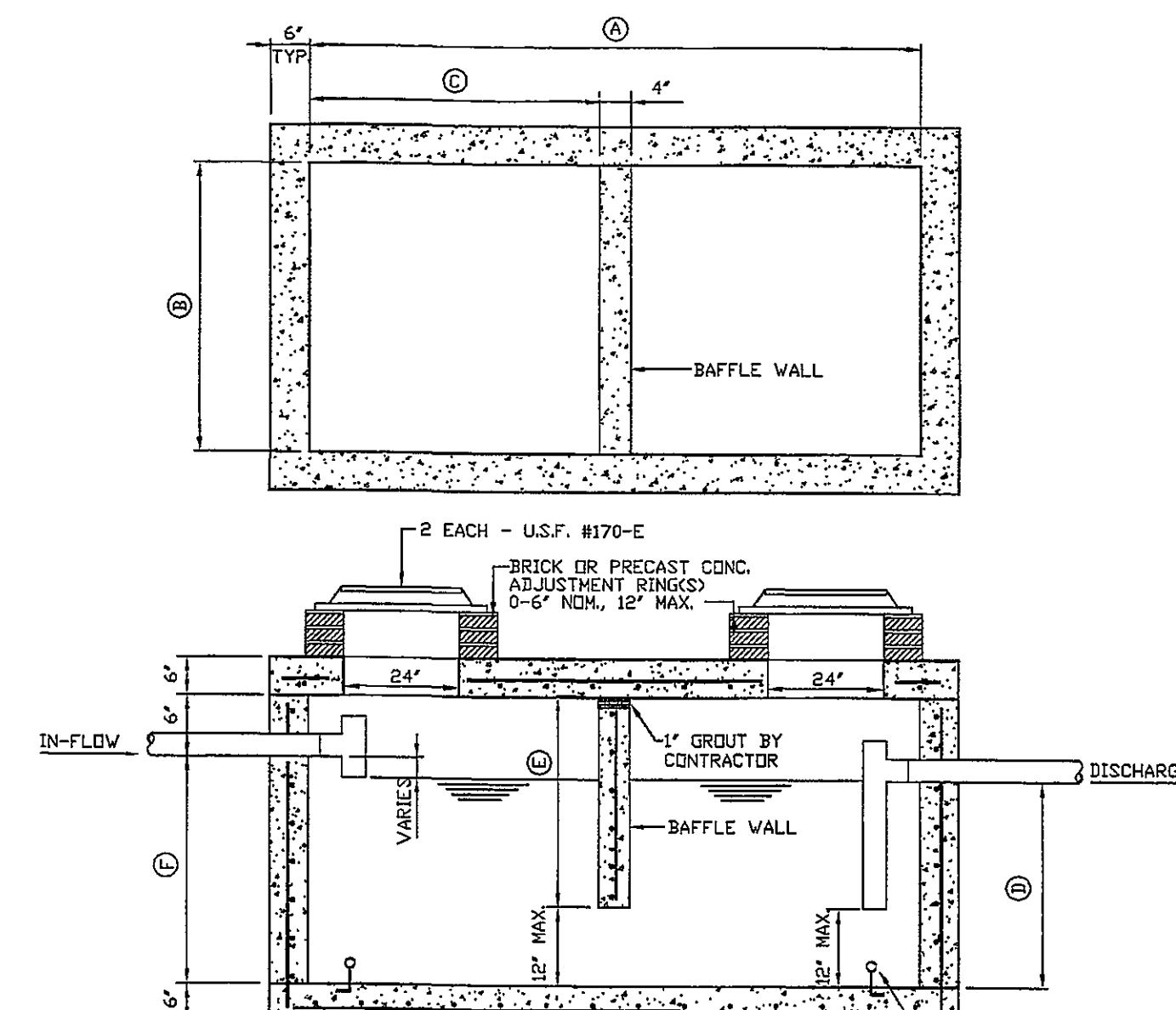
REDUCED PRESSURE ZONE BACKFLOW PREVENTER DETAIL 2" DIAMETER AND SMALLER

N.T.S.



TYP. FIRE LINE ENTRY INTO BUILDING

N.T.S.



CAPACITY IN GALLONS					
DIM (L.O.O.B. MIN.)	1,250	1,650	2,000	2,500	3,000
A 7'-0"	10'-0"	11'-0"	13'-0"	15'-0"	14'-0"
B 5'-0"	4'-0"	5'-0"	5'-0"	6'-0"	6'-0"
C 3'-4"	4'-0"	5'-0"	6'-0"	6'-0"	6'-0"
D 4'-0"	4'-0"	4'-0"	5'-0"	5'-0"	5'-0"
E 4'-6"	4'-6"	4'-6"	5'-6"	5'-6"	5'-6"
F 5'-0"	5'-0"	5'-0"	6'-0"	6'-0"	6'-0"

COMPLIES WITH A.S.T.M. C-913, PRECAST CONCRETE WATER AND WASTEWATER STRUCTURES AND A.S.T.M. C-690, MINIMUM STRUCTURAL DESIGN LOADING FOR MONOLITHIC OR SECTIONAL PRECAST CONCRETE WATER AND WASTEWATER STRUCTURES

TYPICAL GREASE TRAP DETAIL

N.T.S.

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