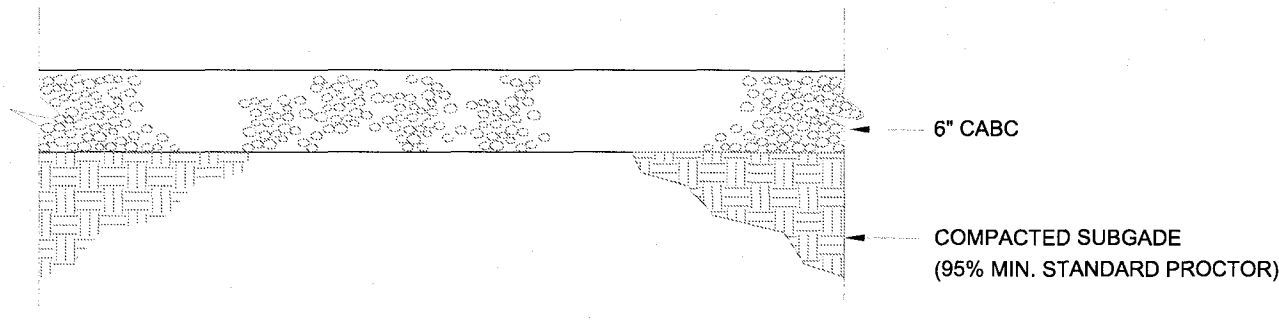


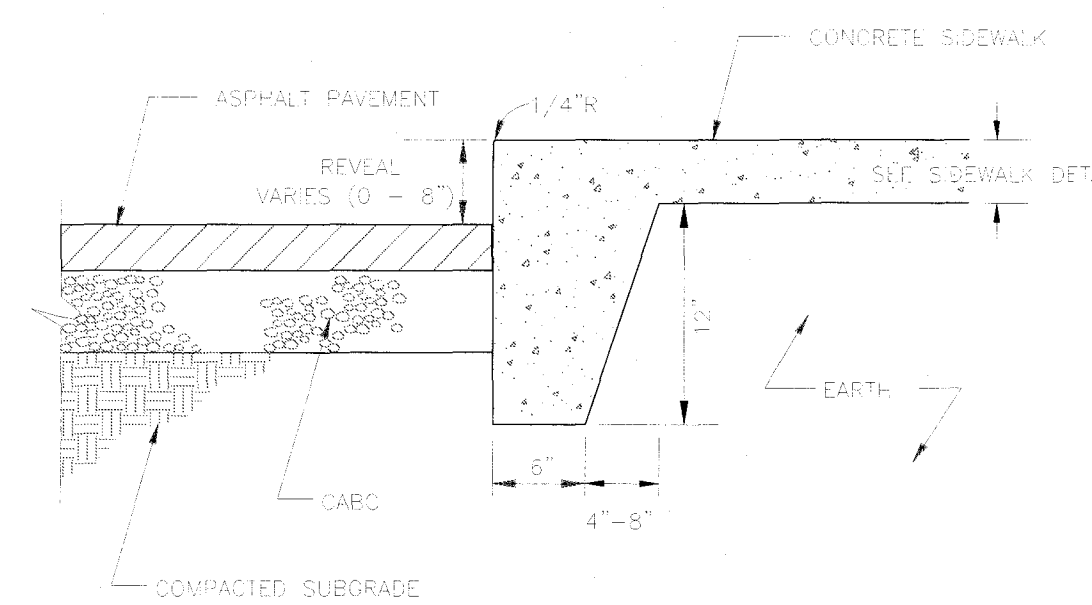
NOTE:
DESIGN TO BE CONFIRMED BY OWNER'S GEOTECHNICAL CONSULTANT.

A-7 ASPHALT PAVEMENT
NTS

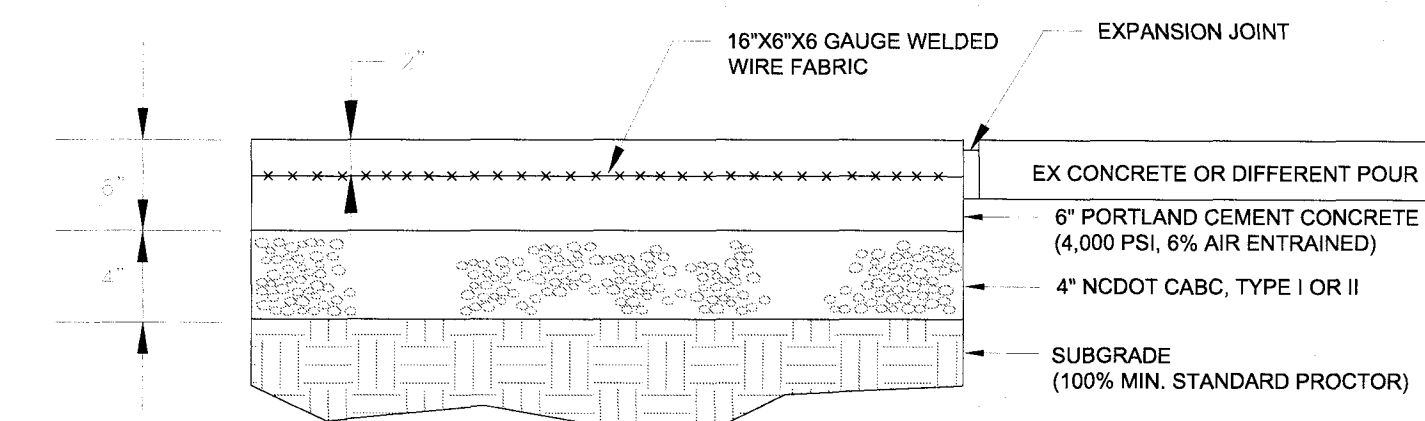


NOTE:
DESIGN TO BE CONFIRMED BY OWNER'S GEOTECHNICAL CONSULTANT.

B-7 GRAVEL SURFACE
NTS

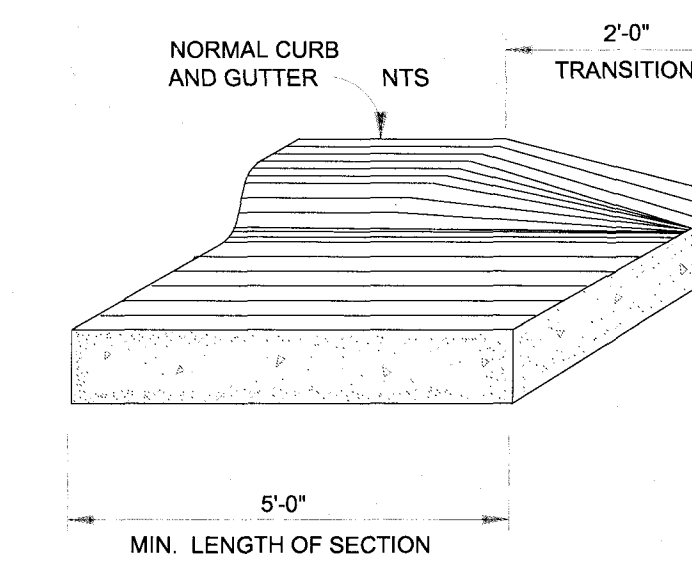


C-7 'TURN-DOWN' SIDEWALK
NTS

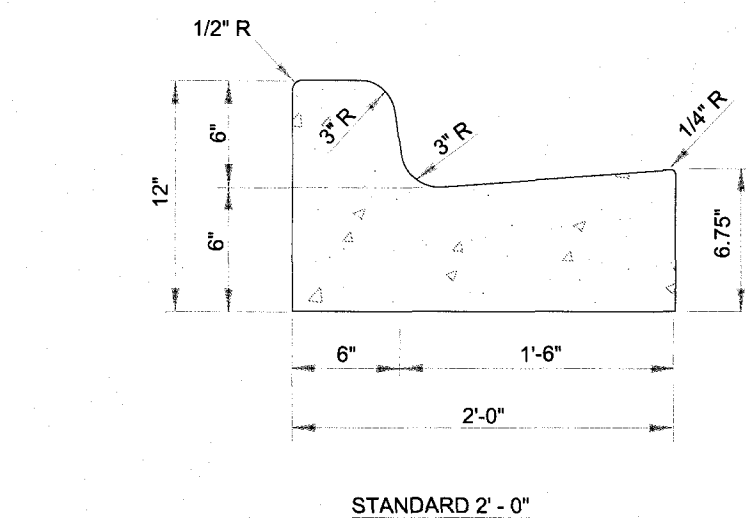


NOTES:
1. SEAL JOINTS WITH A MONOELASTIC MATERIAL.
2. JOINT SPACING SHALL BE 15' MAX.
3. CONCRETE MIX TO INCLUDE 1-1/2 LB POLYPROPYLENE FIBER MESH PER C.Y. CONCRETE.
4. IT IS RECOMMENDED FOR OWNER'S GEOTECHNICAL ENGINEER TO REVIEW FINAL PAVEMENT DESIGN BASED ON ACTUAL SOIL CONDITIONS.

D-7 CONCRETE PAVEMENT
NTS

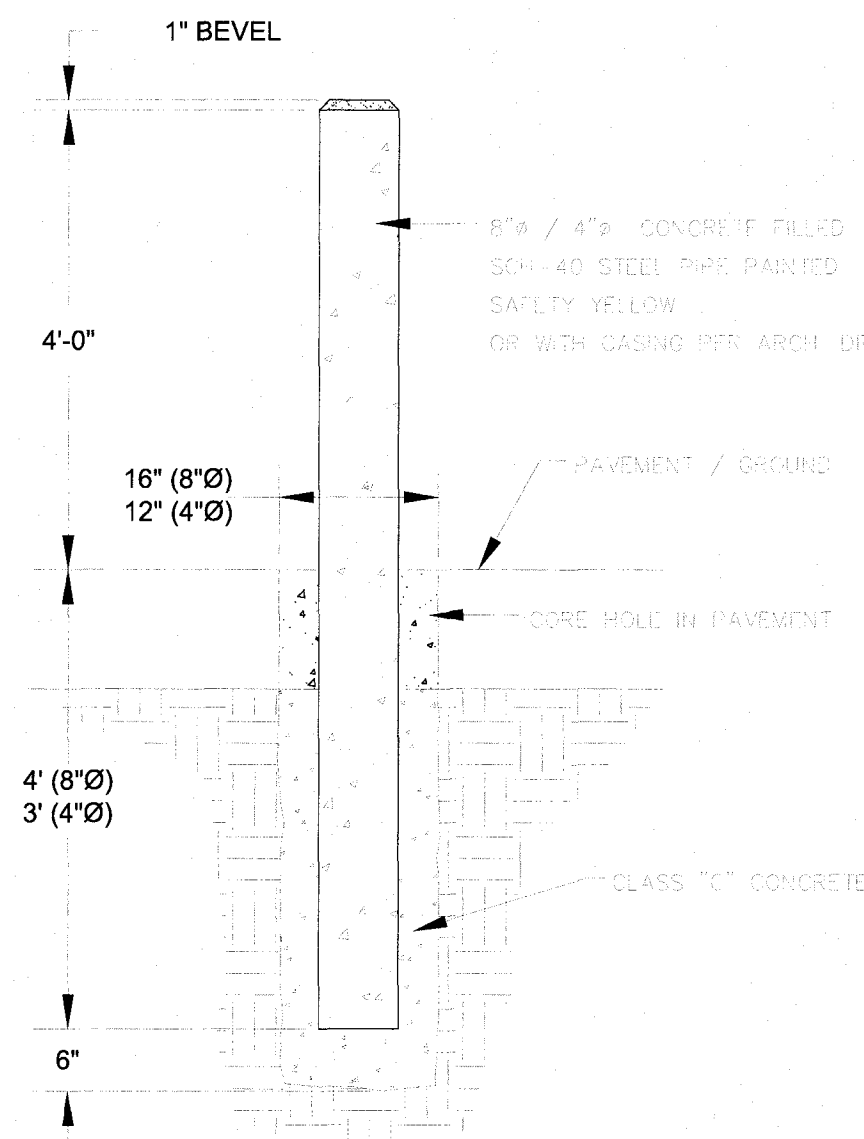


H-7 FEATHERING CURB AND GUTTER
NTS

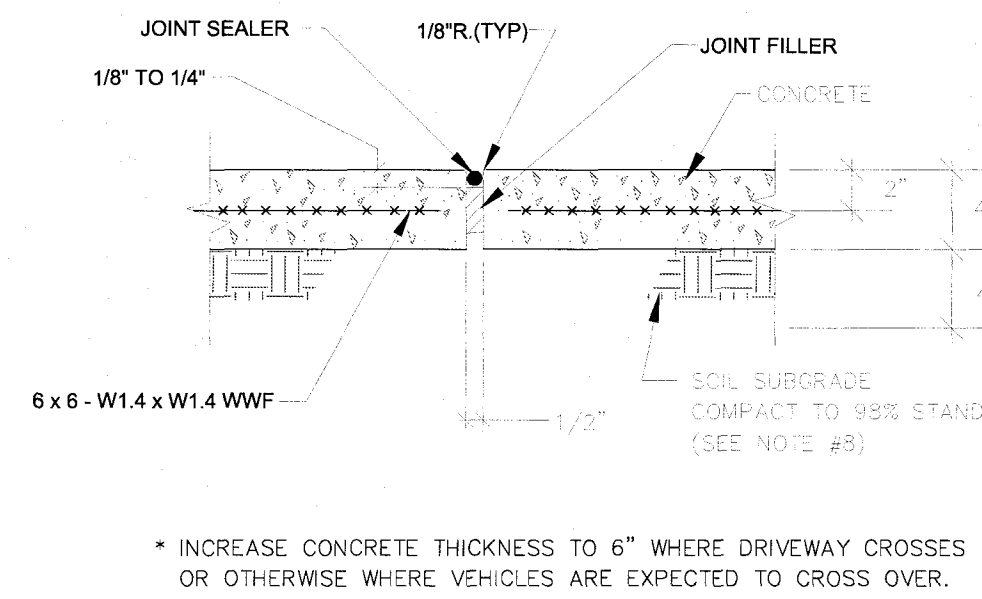


NOTES:
1. CURB AND GUTTER TO BE CONSTRUCTED IN 10 FOOT LENGTHS.
2. 1/2" EXPANSION JOINTS SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 50 FEET, AT THE ENDS AND MID-POINT OF RETURNS, AND AT ANY POINT WHERE THE NEW CURB AND GUTTER ABUTS OTHER CONCRETE STRUCTURES.
3. 5' LONG TRANSITIONS SHALL BE PROVIDED BETWEEN NORMAL GUTTER AND 'SPILL' GUTTER, UNLESS OTHERWISE NOTED ON THE PAVING PLANS.
4. USE 'SPILL' GUTTER WHERE ABUTTING ASPHALT SURFACE SLOPES AWAY FROM GUTTER, GUTTER AND AS SPECIFIED ON PLANS.

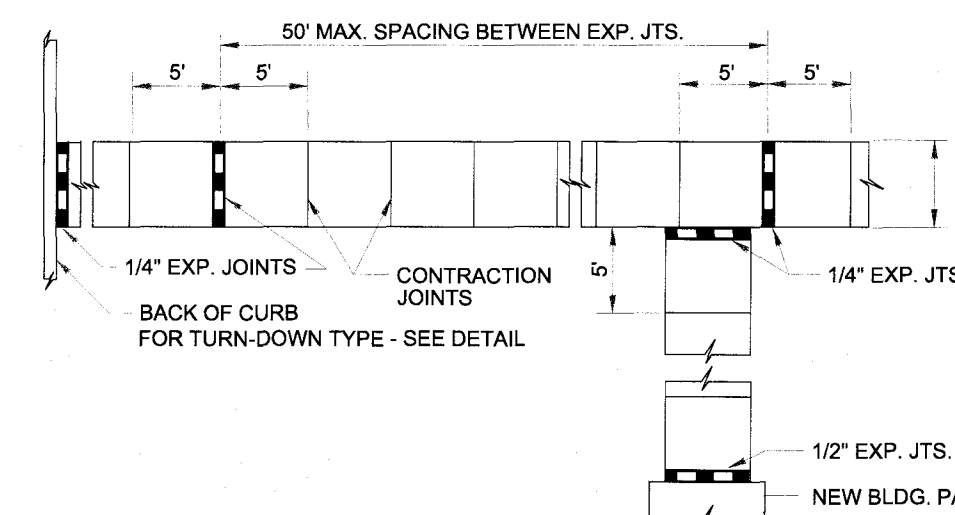
E-7 CONCRETE CURB AND GUTTER
NTS



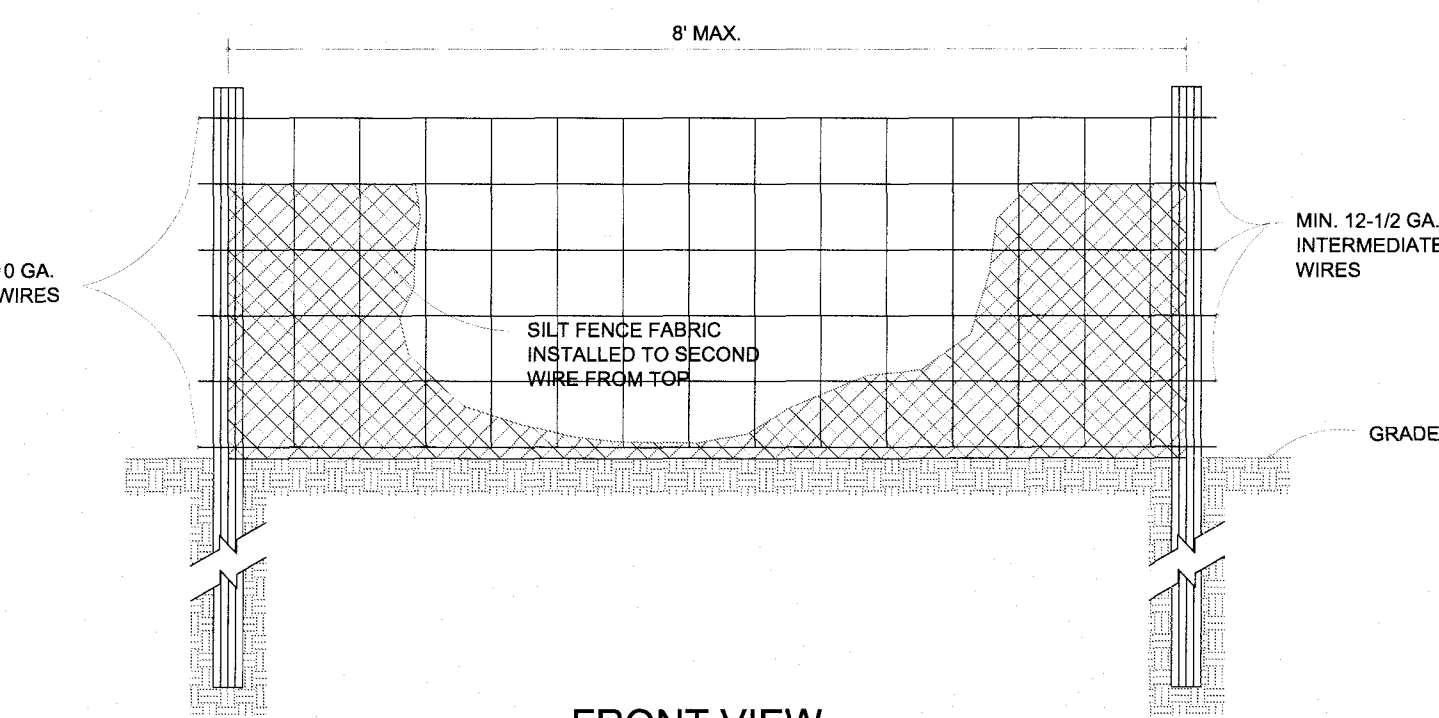
F-7 BOLLARD
NTS



NOTES:
1. CONCRETE SHOULD HAVE A MIN. COMPRESSIVE STRENGTH OF 3,000 PSI.
2. ALL SIDEWALKS SHALL BE 4" THICK EXCEPT AT TURN DOWN.
3. CONTRACTION JOINTS SHALL BE SPACED AT 5'-0" INTERVALS.
4. CONTRACTION JOINTS SHALL BE FORMED 1" DEEP AND EDGED WITH 1/8" RADIUS, OR MAY BE SAWCUT 1" DEEP.
5. SIDEWALK CROSS SLOPE SHOULD BE 2% MIN. TO AND SLOPE TOWARD PAVED AREAS.
6. 1/2" EXP. JT. MATERIAL REQUIRED WHERE CONC. SIDEWALK ABUTS ANY RIGID STRUCTURE.
7. A LAYER OF 15# BLDG. FELT IS REQUIRED BETWEEN WALK AND ADJACENT PARALLELING CONC. CURB.
8. ADD 4" LAYER OF CABC BETWEEN CONCRETE AND SOIL SUBGRADE IN AREAS OF POOR SOILS AND WHERE DIRECTED BY OWNER'S GEOTECHNICAL CONSULTANT.

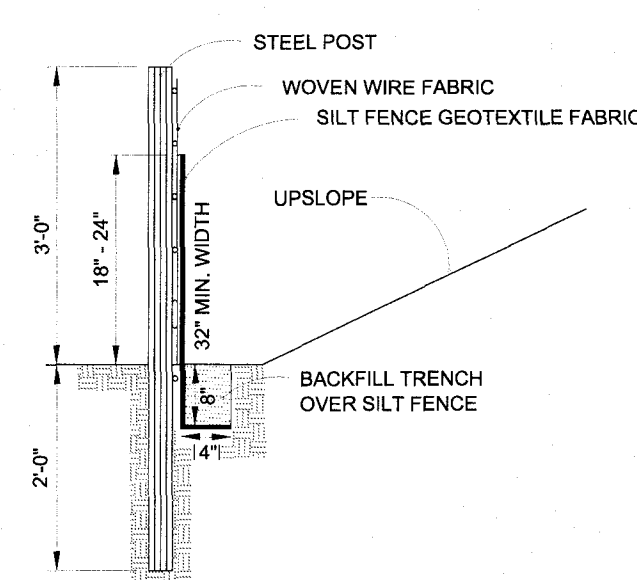


G-7 CONCRETE SIDEWALK
NTS



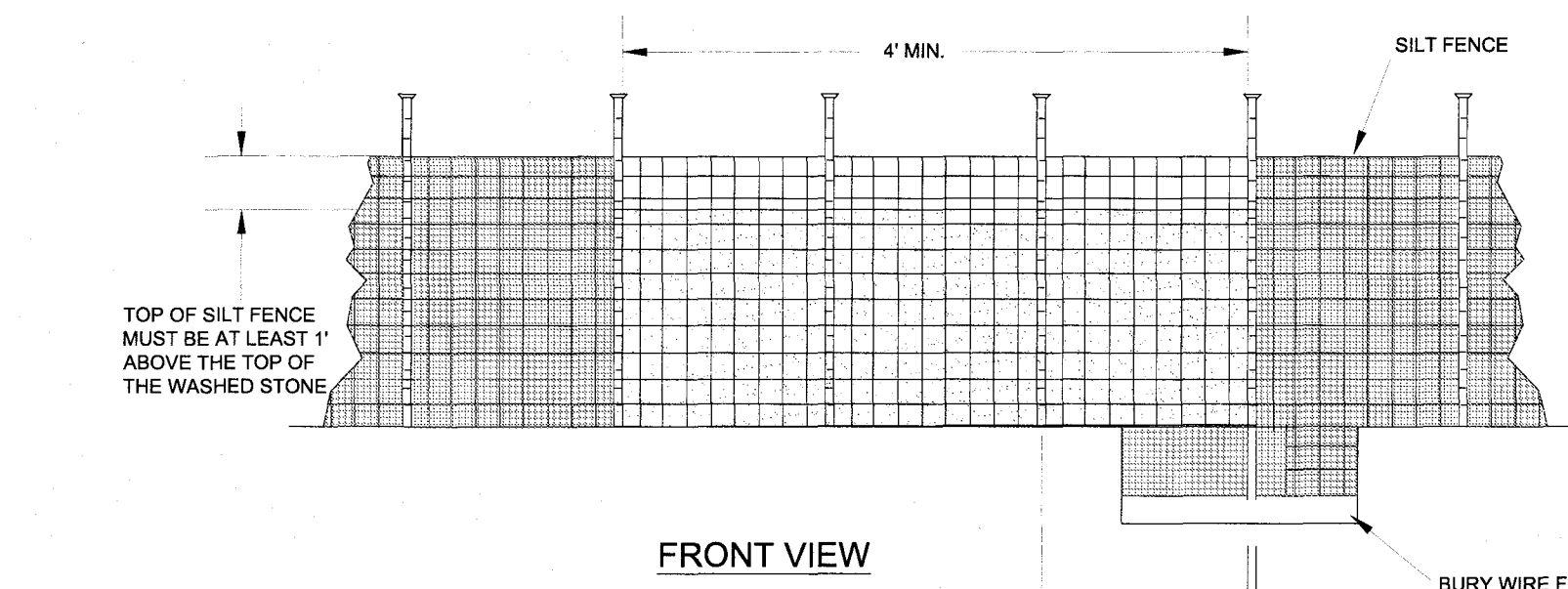
FRONT VIEW

NOTE:
-USE SILT FENCE ONLY WHEN DRAINAGE AREA DOES NOT EXCEED 1/4 ACRE AND NEVER IN AREAS OF CONCENTRATED FLOW
-END OF SILT FENCE NEEDS TO BE TURNED UPSLOPE.

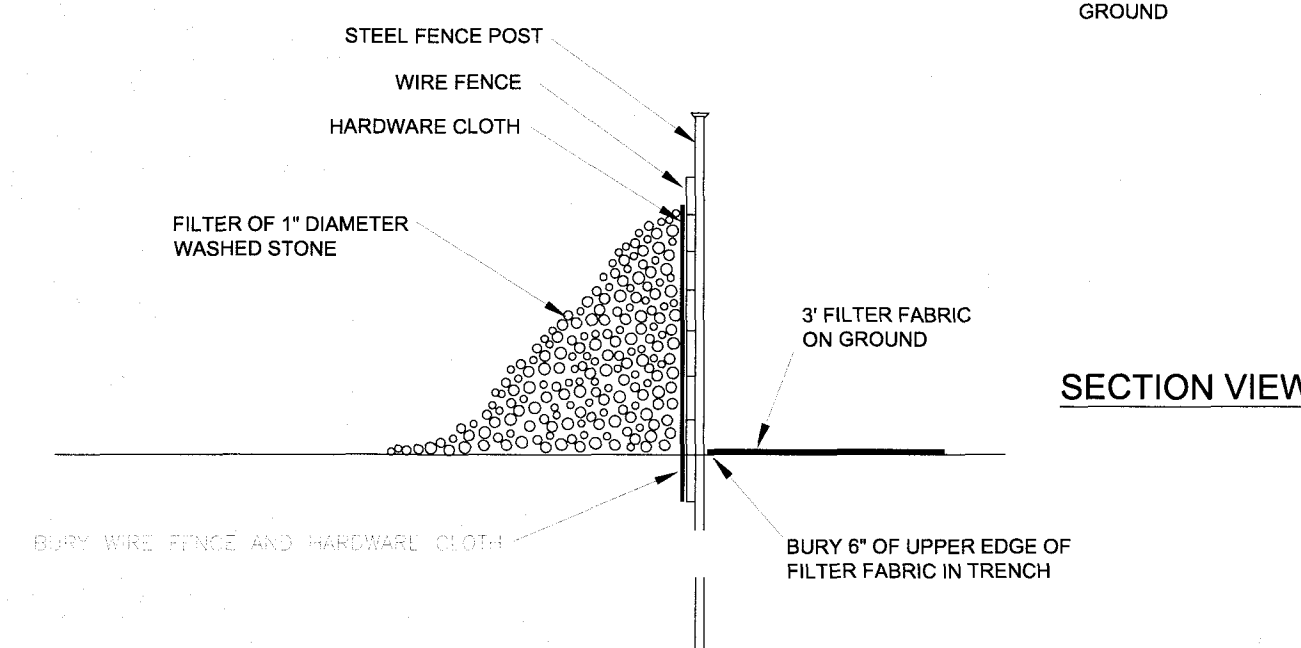


SECTION VIEW

I-7 SILT FENCE
NTS

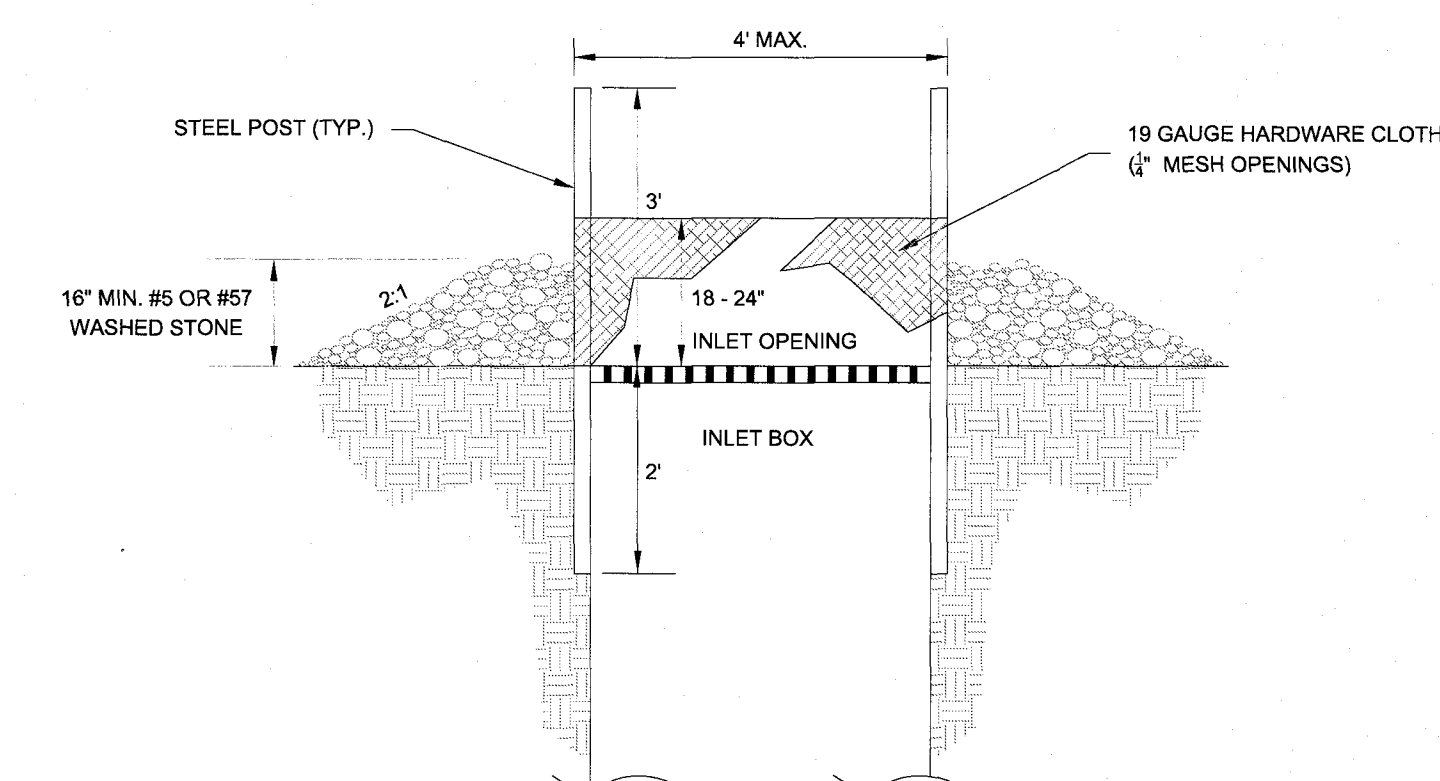


FRONT VIEW



SECTION VIEW

J-7 SILT FENCE OUTLET
NTS



K-7 TEMPORARY INLET PROTECTION
NTS

NOTES:
A) MINIMUM WIDTH OF CONSTRUCTION ENTRANCE PAD SHALL BE 15 FT.
B) STONE SHALL BE 2-3" WASHED STONE AND 12" THICK.
C) THE ENTRANCE SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
D) INSTALL PADS WHERE SHOWN ON PLANS OR OTHERWISE DIRECTED BY ENGINEER.

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JAN 16 2018

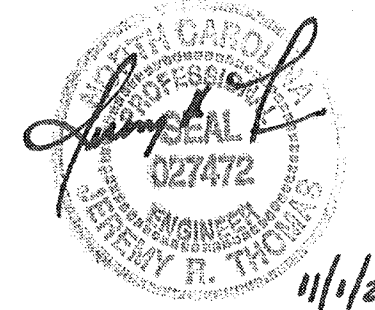
CONSTRUCTION SYSTEMS, INC.

L-7 CONSTRUCTION ENTRANCE PAD
NTS

J Thomas Engineering, Inc.

civil engineering • planning

143 Charlotte Avenue, Suite 104
Sanford, North Carolina 27330
(919) 777-6010 phone
www.jthomasengineering.com
license no. C-3389



PROFESSIONAL ENGINEER'S SEAL

**GOURD SPRINGS CHURCH
NEW BUILDING ADDITION**
4575 RAY ROAD
HARNETT COUNTY, NORTH CAROLINA

CONSTRUCTION DETAILS

REVISIONS

15 DEC 2017: REVISIONS BASED ON OWNER CHANGES AND COUNTY DRB COMMENTS.
12 JAN 2018: ADDED SEPTIC SYSTEM DESIGN, SHEETS C9 AND C10.

AGENCY REVIEW ONLY

Scale: NTS
Sheet: C7 of 10
Project Number: 17-020
Date: 01 NOV 2017
Drawn by: JRT
Designed by: JRT
Reviewed by: JRT