

## SECTION G

### DETAIL DRAWINGS

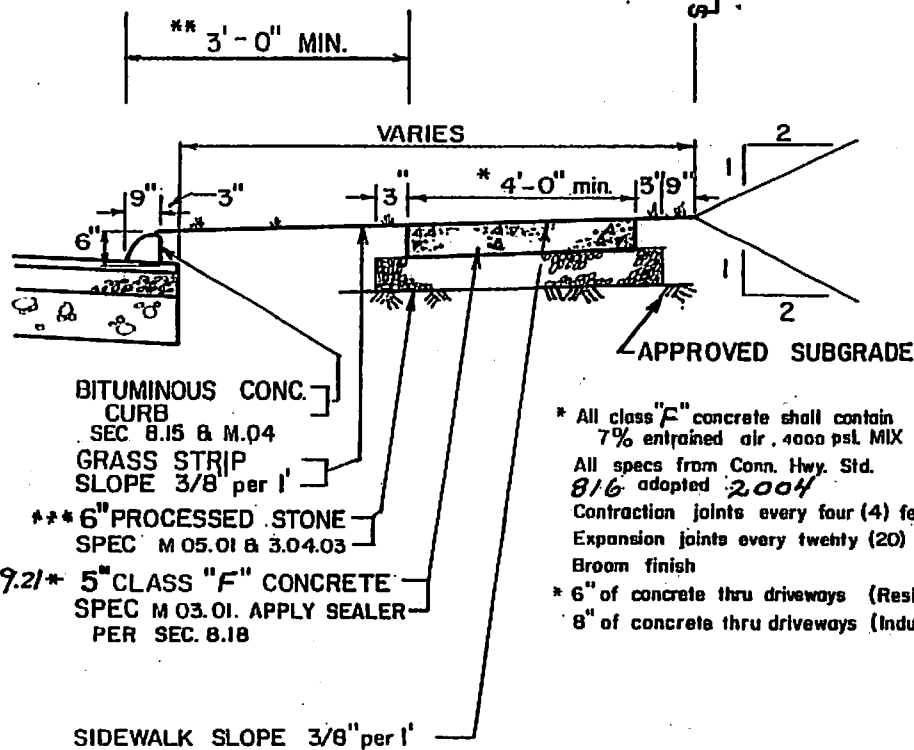
1. Standard Section for Construction of Subdivision Roadways
2. Typical Sidewalk Section
3. 5" Concrete Sidewalk
4. Sidewalk Ramp - Type 1
5. Sidewalk Ramp - Type 2
6. Sidewalk Ramp - Type 3
7. Sidewalk Ramp - Type 4
8. Sidewalk Ramp - Type 5
9. Sidewalk Ramp - Type 6
10. Sidewalk Ramp - Type 7
11. Concrete Curbing
12. Concrete Ramp Where Curb is Separated from Sidewalk by Grass Plot
13. Concrete Ramp Where Sidewalk Adjoins Club
14. Concrete Driveway
15. Bituminous Concrete Lip Curbing
16. Curbing & Ramp Installation at Bituminous Concrete Drives
17. Bituminous Concrete Sidewalk & Driveway Detail
18. Typical Treatment of Drive with Sidewalk
19. Typical Treatment of Drive without Sidewalk
20. Stone Curbing
21. Gravel or Stone Driveway
22. Type "A" Pavement Detail
23. Type "B" Pavement Detail
24. Loam & Seed Detail
25. Sanitary Sewer Manhole
26. Sanitary Sewer Manhole Bolted
27. Storm Sewer Manhole
28. Storm Sewer Manhole Bolted



**TYPICAL SIDEWALK SECTION**

**SEC. 9.21**

NOT FOR SUBDIVISIONS



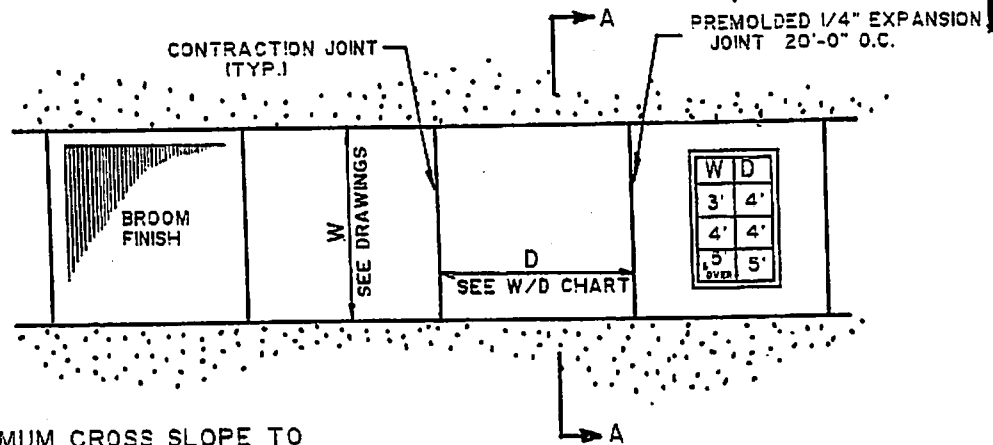
- BITUMINOUS CONC. CURB  
SEC 8.15 & M.04
- GRASS STRIP  
SLOPE 3/8 per 1'
- \*\*\* 6" PROCESSED STONE  
SPEC M 05.01 & 3.04.03
- Spec 9.21\** 5" CLASS "F" CONCRETE  
SPEC M 03.01. APPLY SEALER  
PER SEC. 8.18

- \* All class "F" concrete shall contain 7% entrained air, 4000 psl. MIX
- All specs from Conn. Hwy. Std. 816 adopted 2004
- Contraction joints every four (4) feet
- Expansion joints every twenty (20) feet
- Broom finish
- \* 6" of concrete thru driveways (Residential)
- \* 8" of concrete thru driveways (Industrial/Business)

- \*\*\* UNLESS OTHERWISE DIRECTED BY ENGINEER
- \*\* IF SEPARATION BETWEEN GUTTER LINE AND FRONT EDGE OF WALK IS LESS THAN 3', TOWN ENGINEER MAY MODIFY TYPICAL SECTION BASED ON FIELD CONDITIONS AND CONCRETE CURB, CONCRETE D.W. RAMPS AND WIDER WALKS MAY BE REQUIRED.
- \* WIDTH OF WALK SHALL BE WIDENED TO MATCH FIELD CONDITIONS UNLESS MODIFIED BY TOWN ENGINEER BASED ON FIELD CONDITIONS.

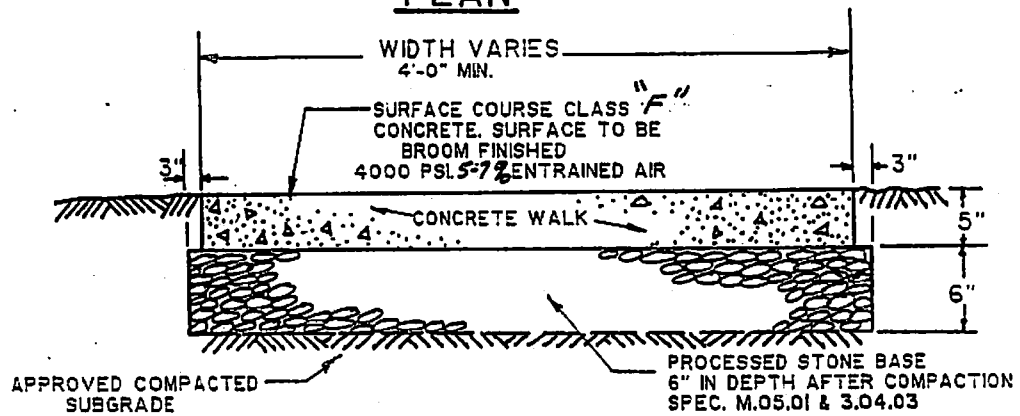
ALL SPEC'S FROM CONN. STD.-816 ADOPTED 2004

REV 11/04

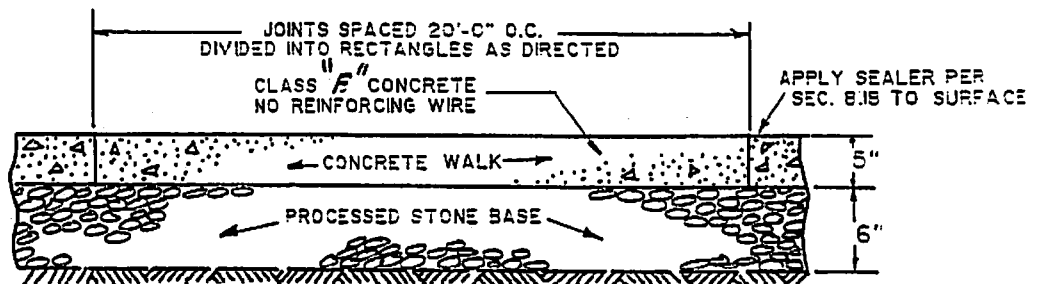


NOTE:  
MINIMUM CROSS SLOPE TO BE 1/4" TO 1' UNLESS OTHERWISE DIRECTED

PLAN



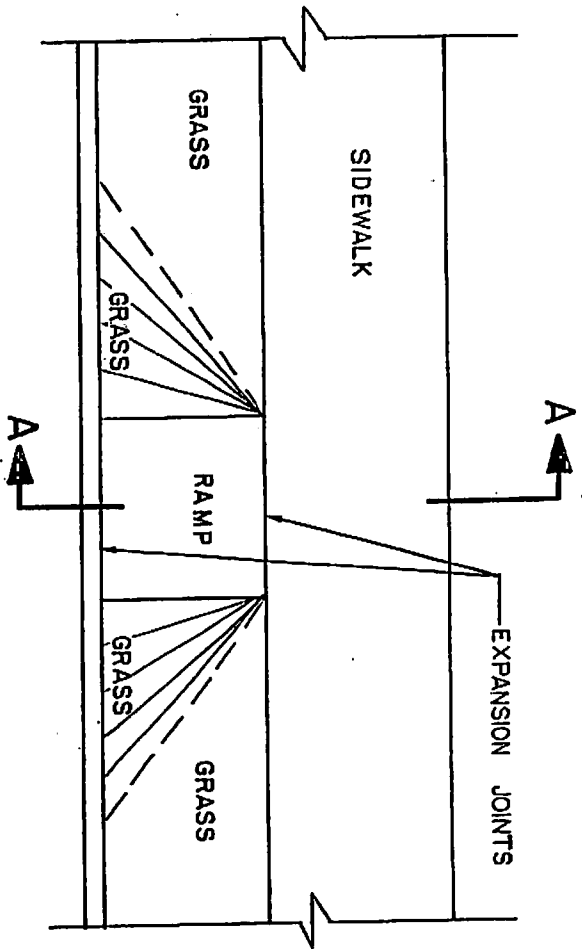
CROSS SECTION A-A



LONGITUDINAL SECTION

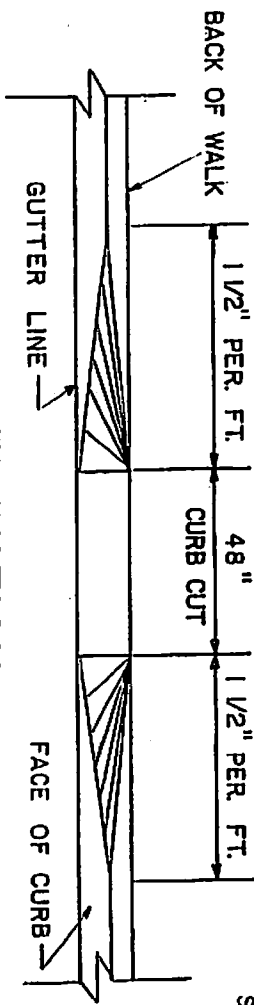
5" CONCRETE SIDEWALK SECTION 9.21

N.T.S.

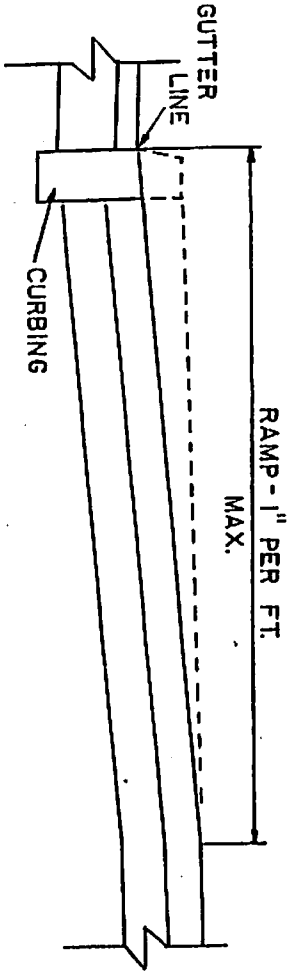


**PLAN**

APPLY SEALER TO ALL CONCRETE SURFACES PER SEC. 8.18

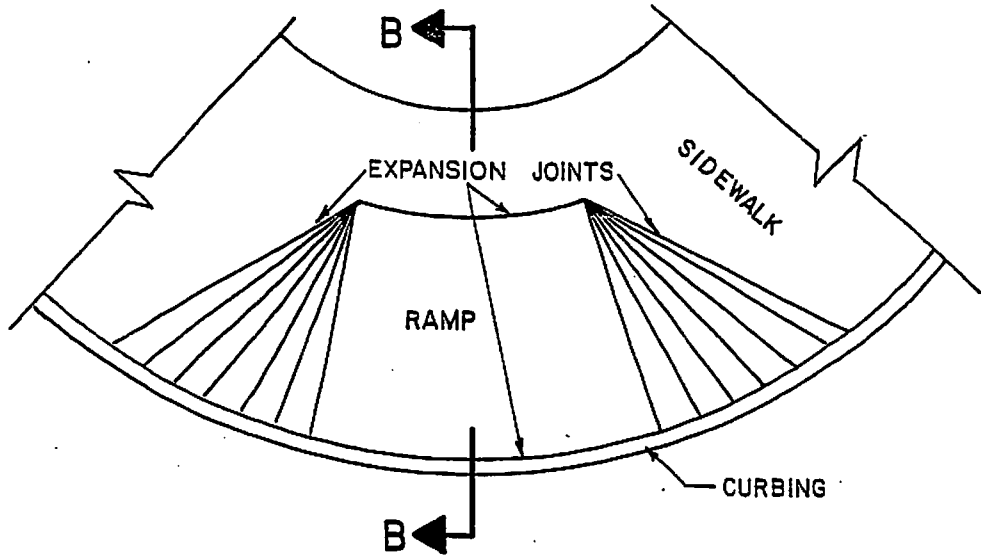


**ELEVATION**

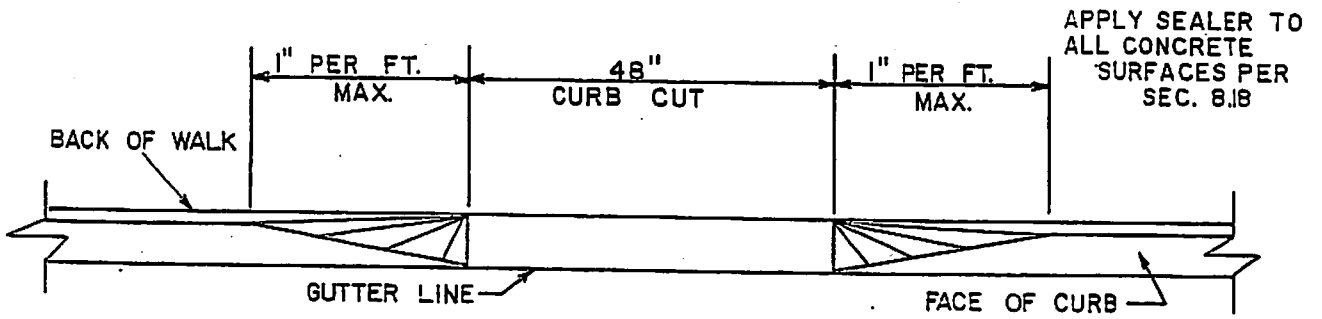


**SECTION A-A**

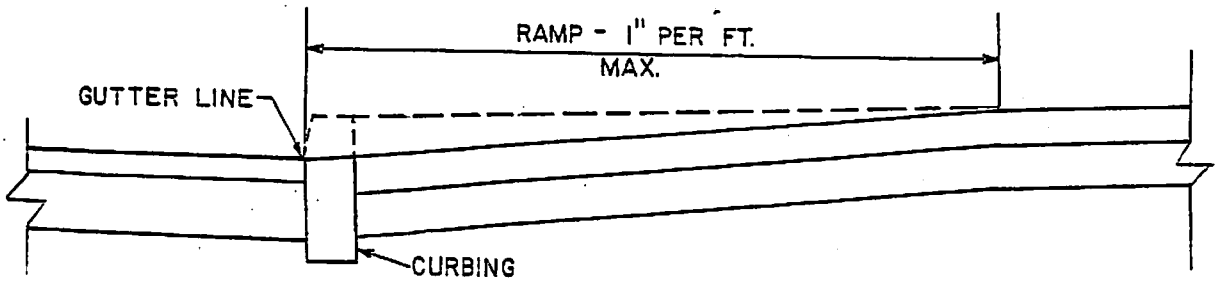
**SIDEWALK RAMP - TYPE 1**



PLAN

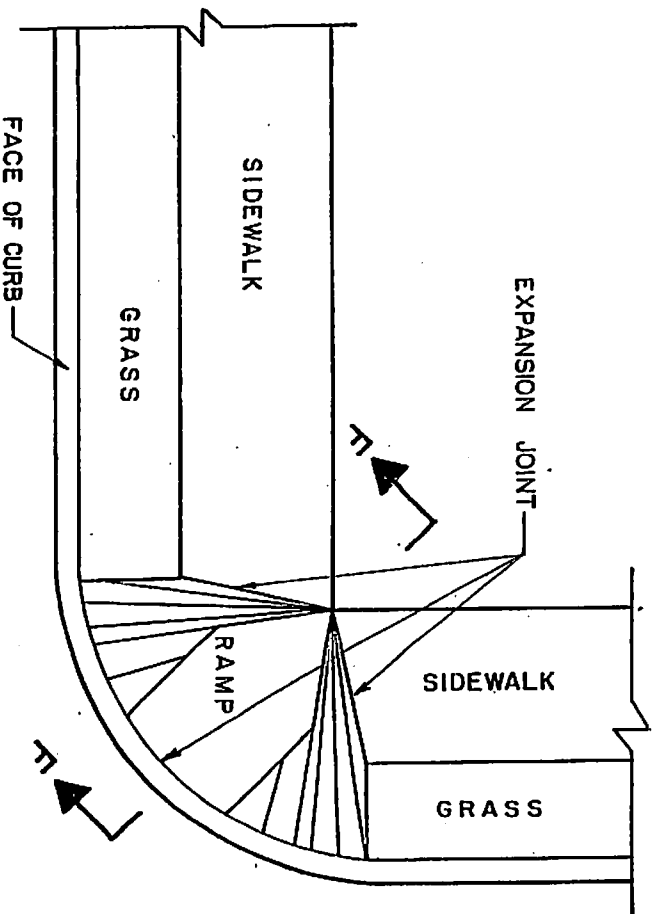


ELEVATION



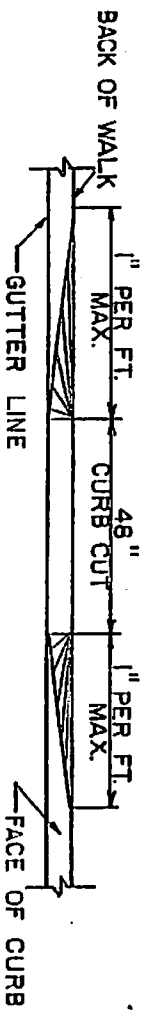
SECTION B - B

SIDEWALK RAMP - TYPE 2

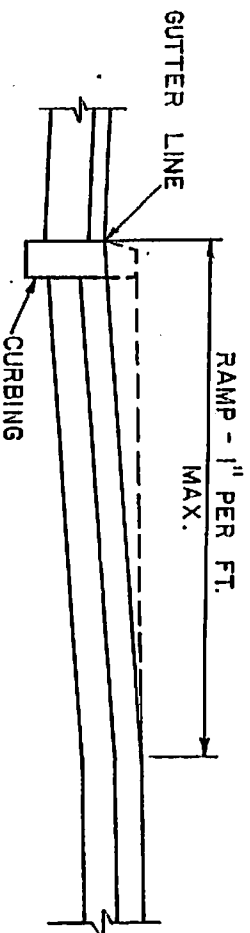


PLAN

APPLY SEALER TO ALL  
CONCRETE SURFACES  
PER SEC. 8.18

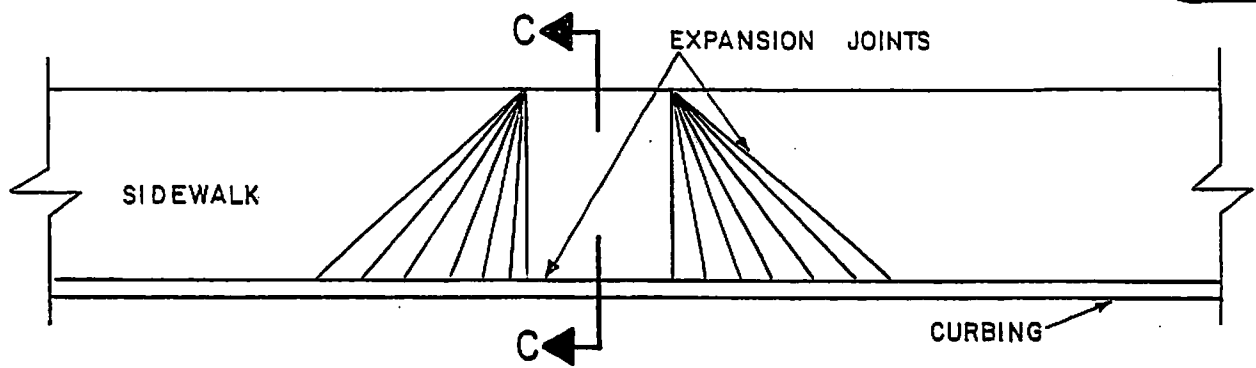


ELEVATION

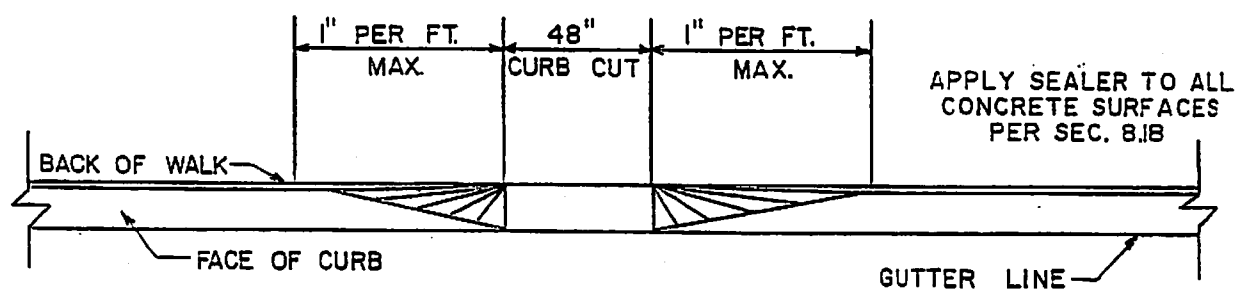


SECTION F-F

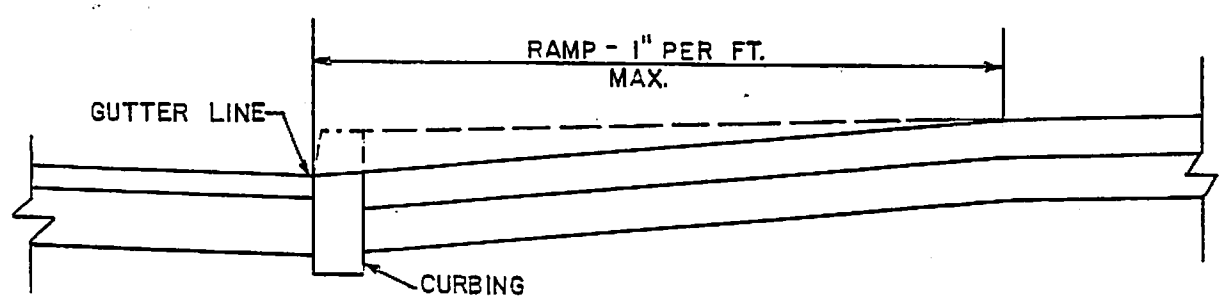
SIDEWALK RAMP - TYPE 3



PLAN

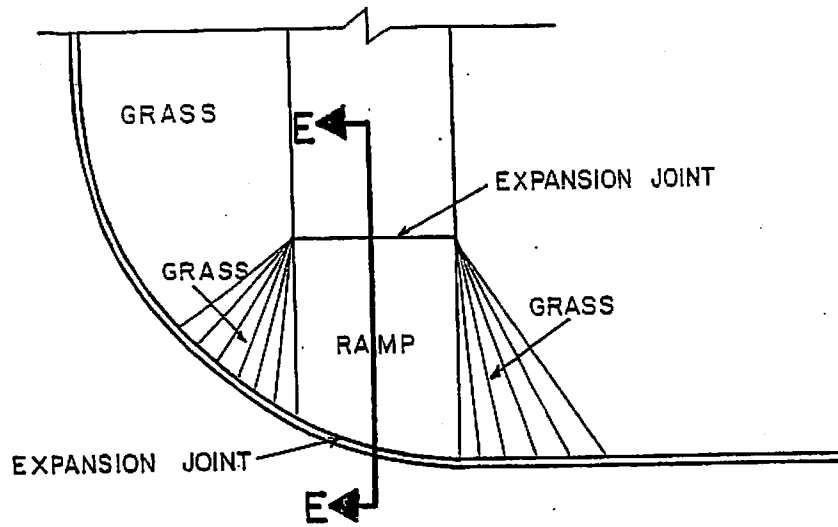


ELEVATION

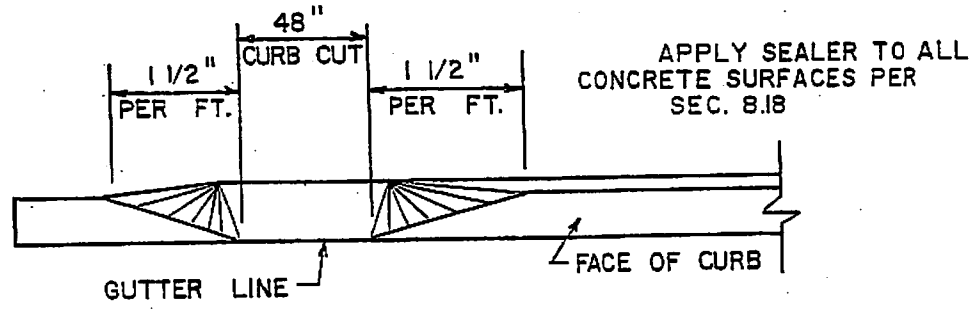


SECTION C-C

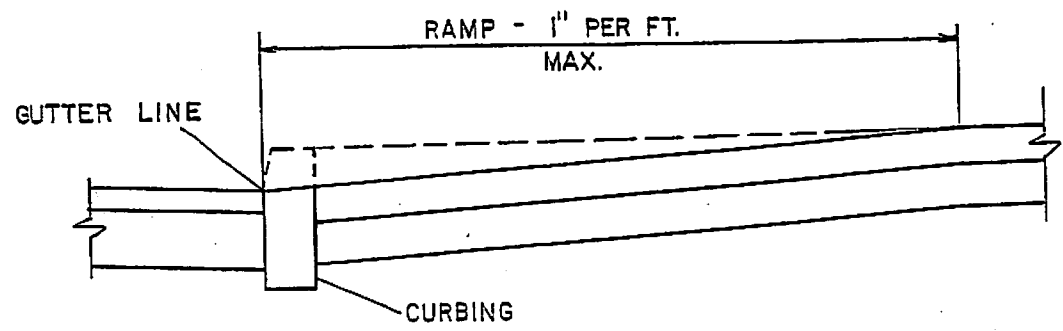
SIDEWALK RAMP - TYPE 4



PLAN



ELEVATION



SECTION E-E

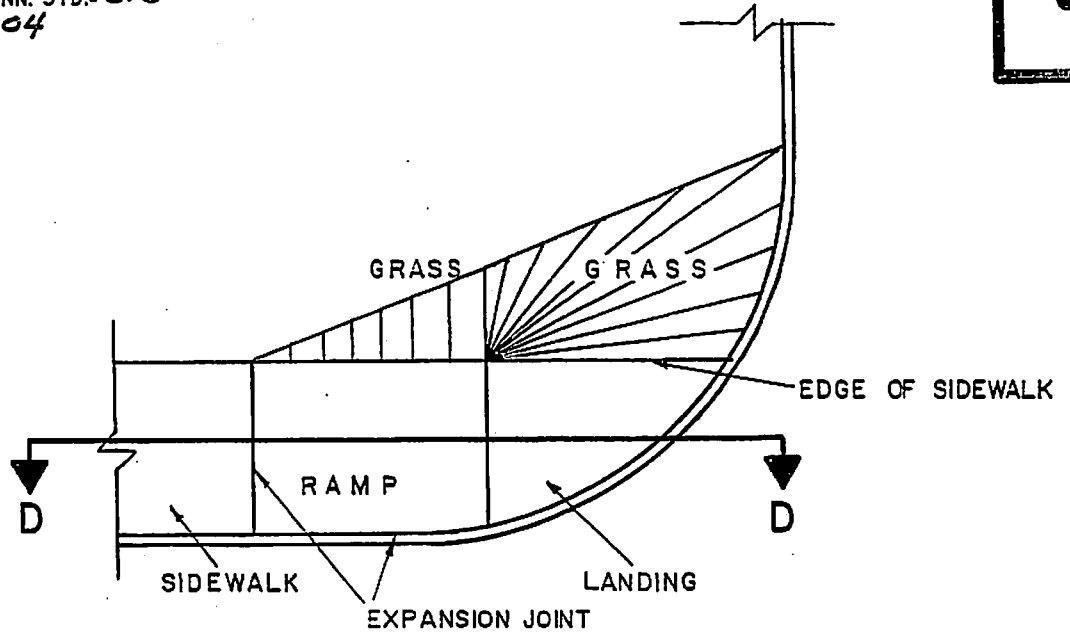
ALL SPEC'S FROM CONN. STD.- 8/6  
ADOPTED 2004

SIDEWALK RAMP - TYPE 5

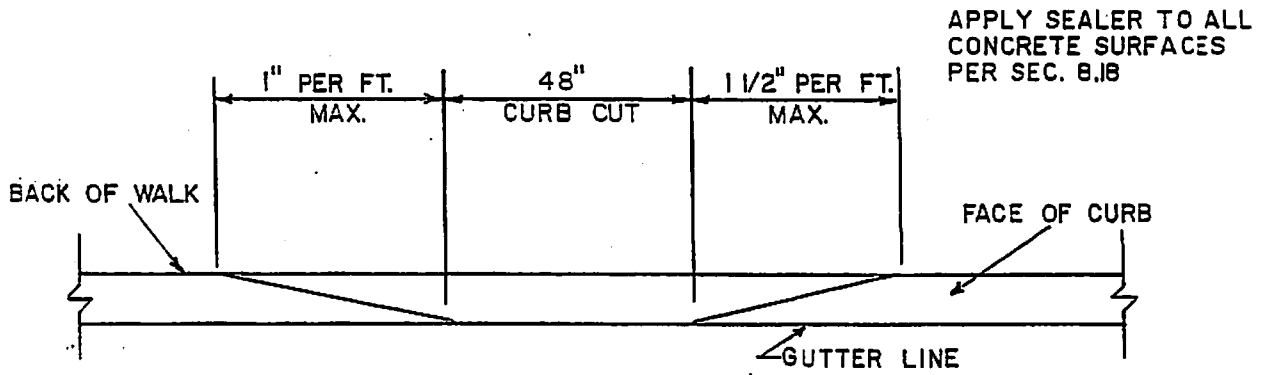
REV 11/04

ALL SPEC'S FROM CONN. STD. 816  
ADOPTED 2004

9

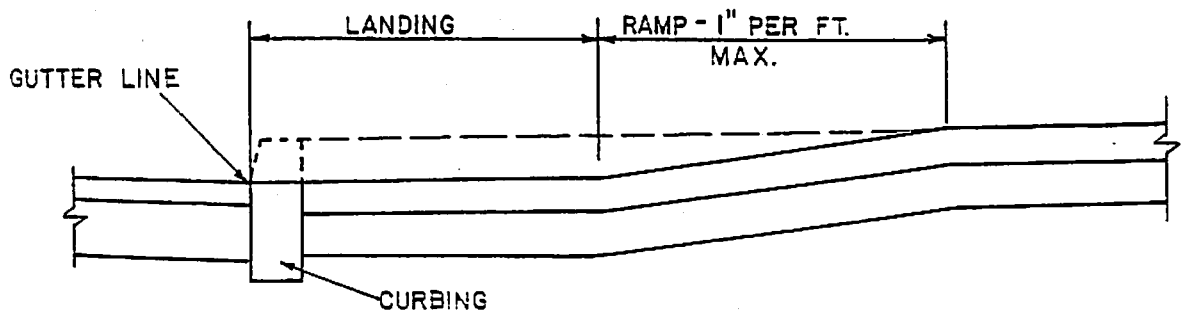


PLAN



APPLY SEALER TO ALL  
CONCRETE SURFACES  
PER SEC. 8.18

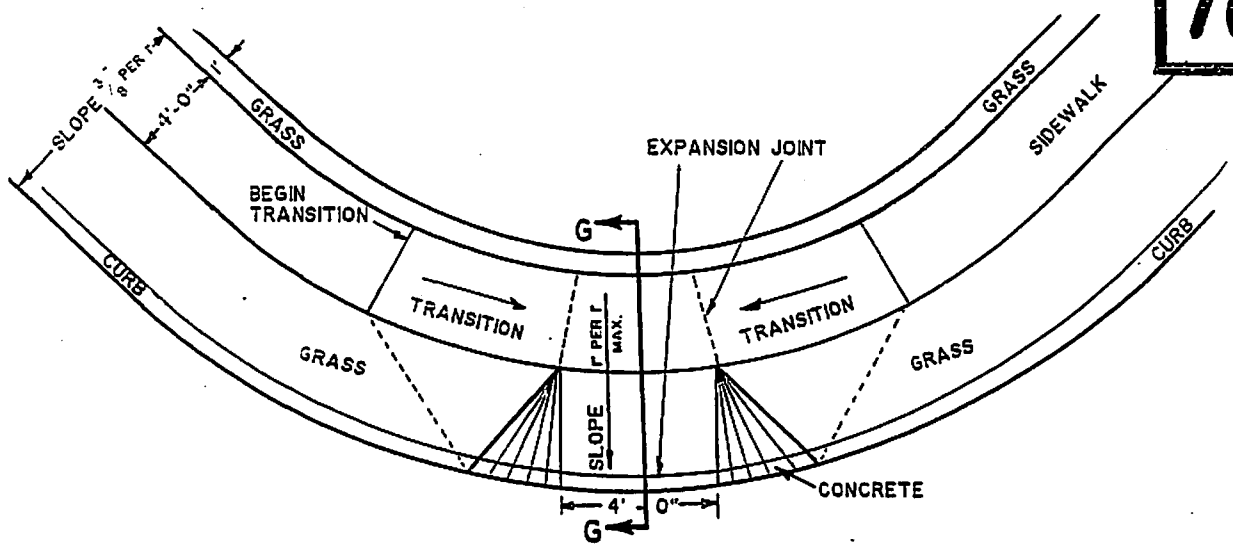
ELEVATION



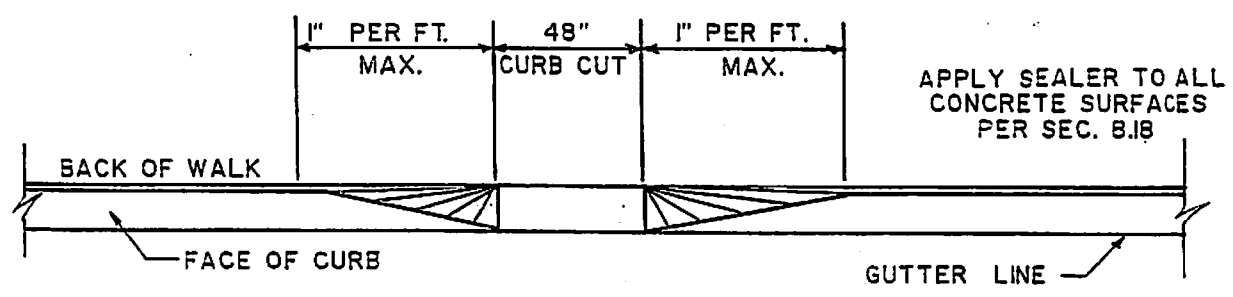
SECTION D-D

SIDEWALK RAMP - TYPE 6

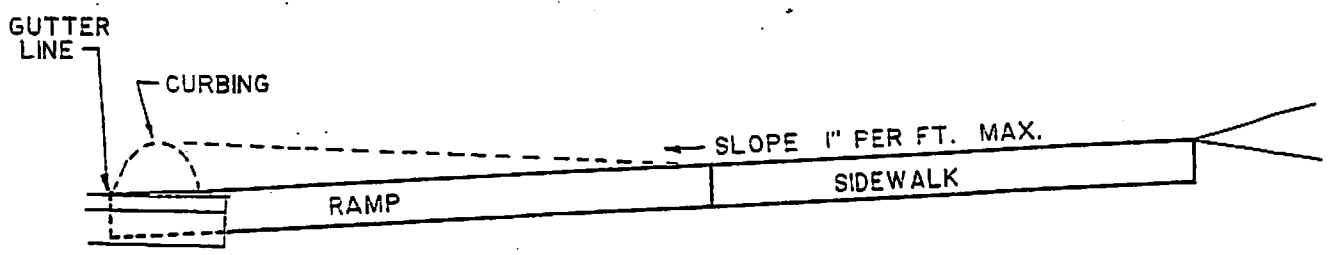
REV 11/04



PLAN

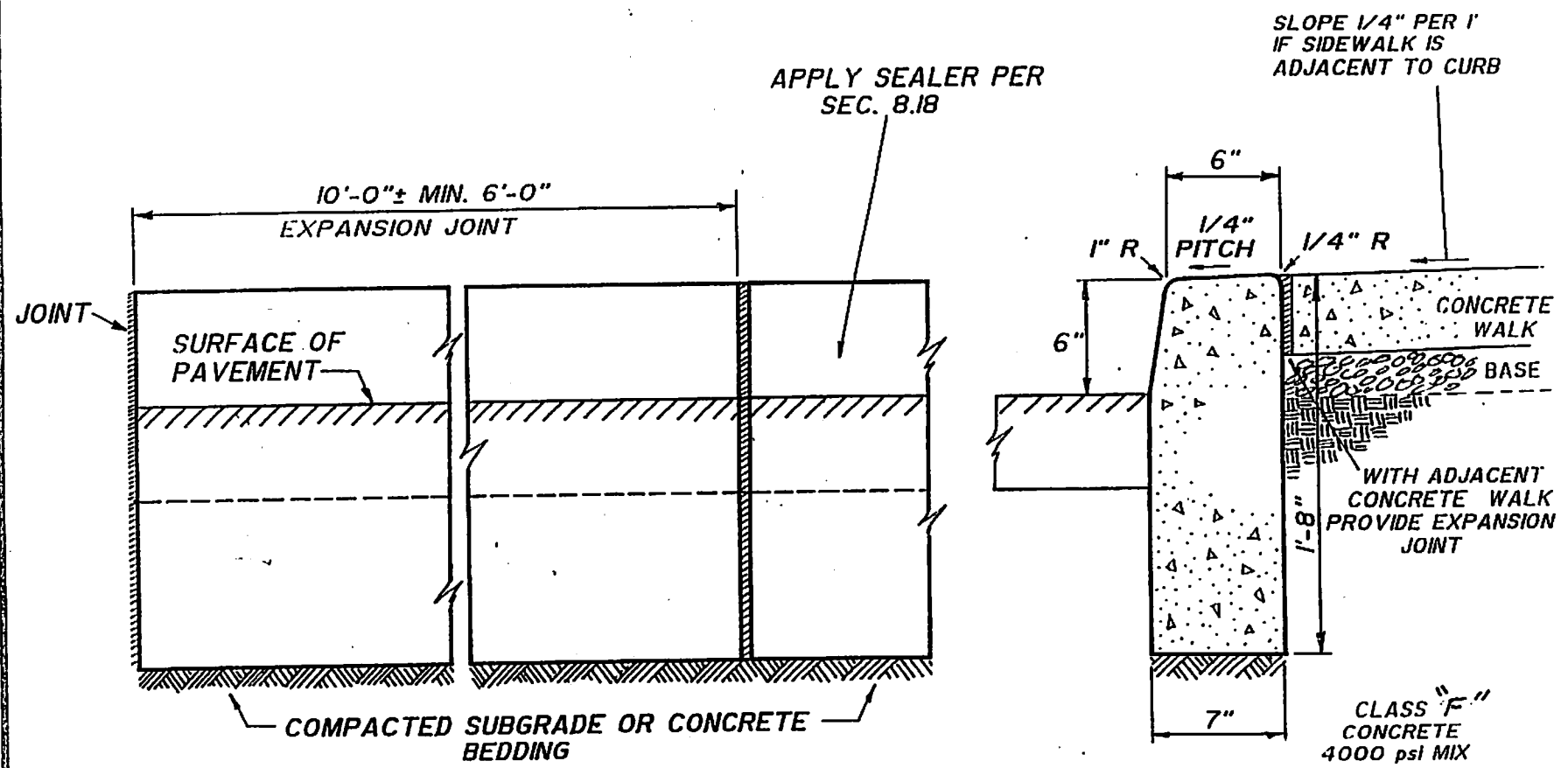


ELEVATION



SECTION G-G

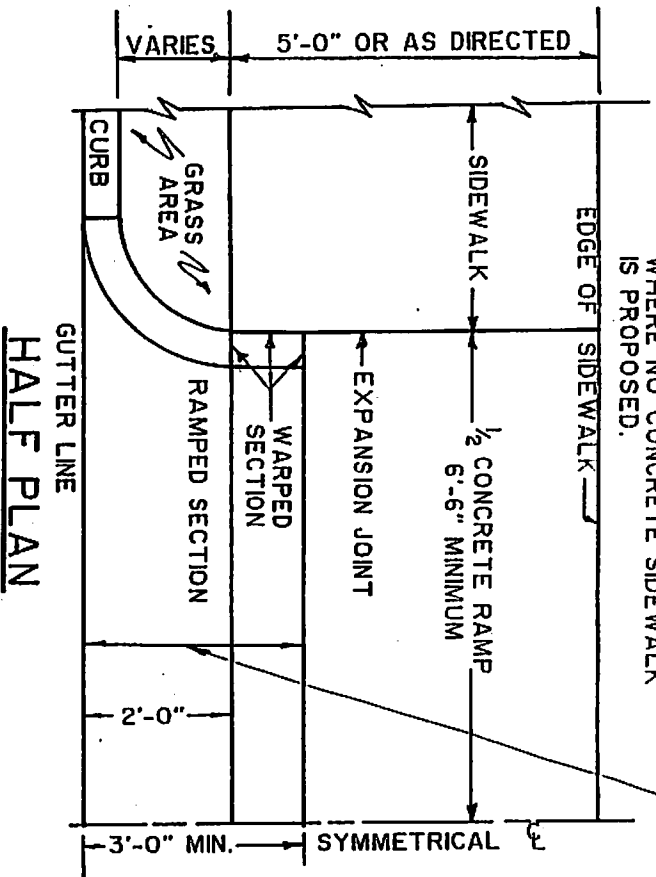
SIDEWALK RAMP TYPE 7



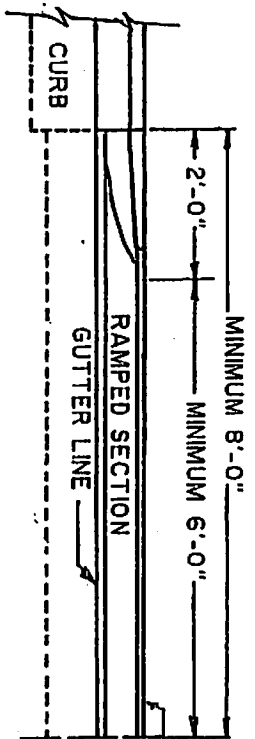
# CONCRETE CURBING

SEC 8.11

CONSTRUCT THIS SECTION ONLY WHERE NO CONCRETE SIDEWALK IS PROPOSED.

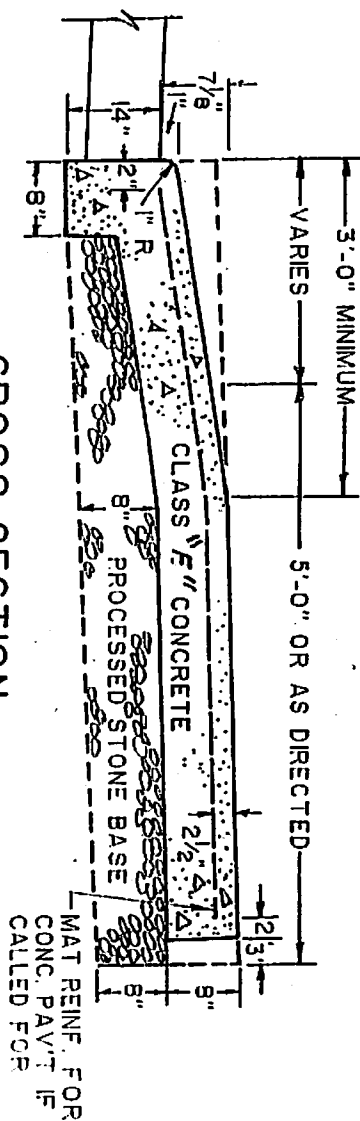


HALF PLAN



HALF ELEVATION

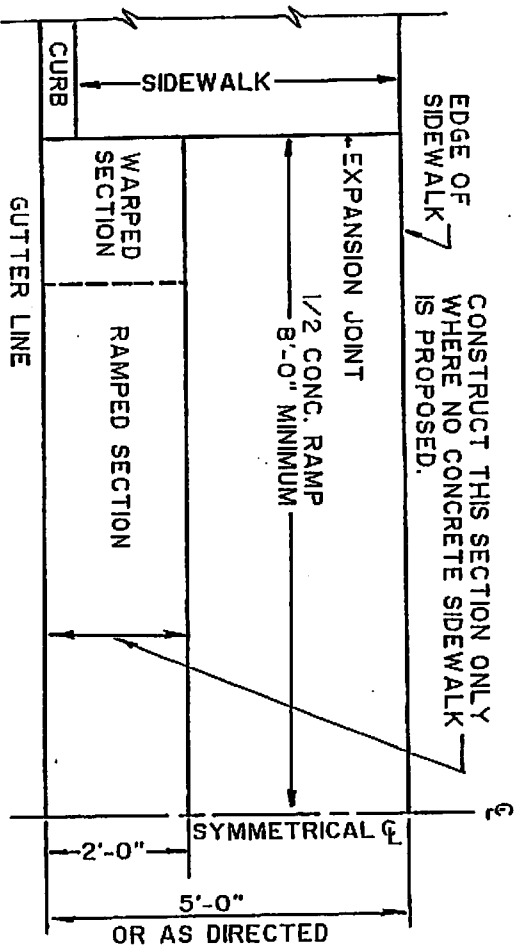
APPLY SEALER TO ALL CONCRETE SURFACES PER SEC. 8.18



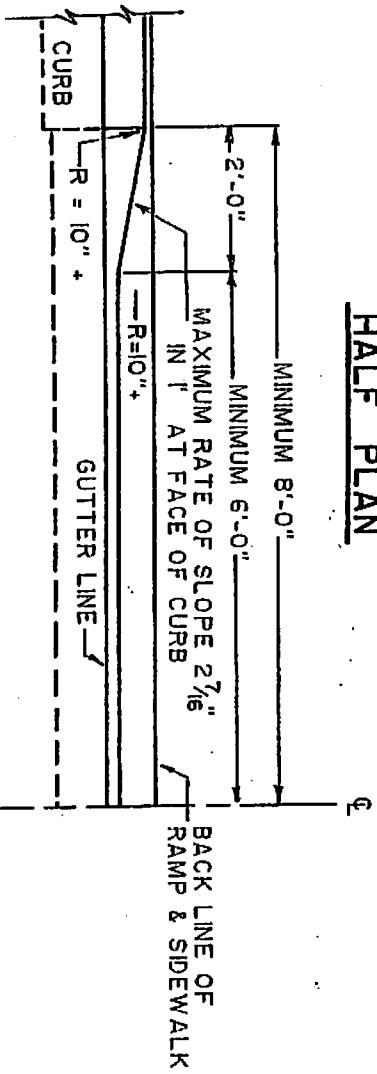
CROSS SECTION

CONCRETE RAMP WHERE CURB IS SEPARATED FROM SIDEWALK BY GRASS PLOT

CONSTRUCT THIS SECTION ONLY WHERE NO CONCRETE SIDEWALK IS PROPOSED.

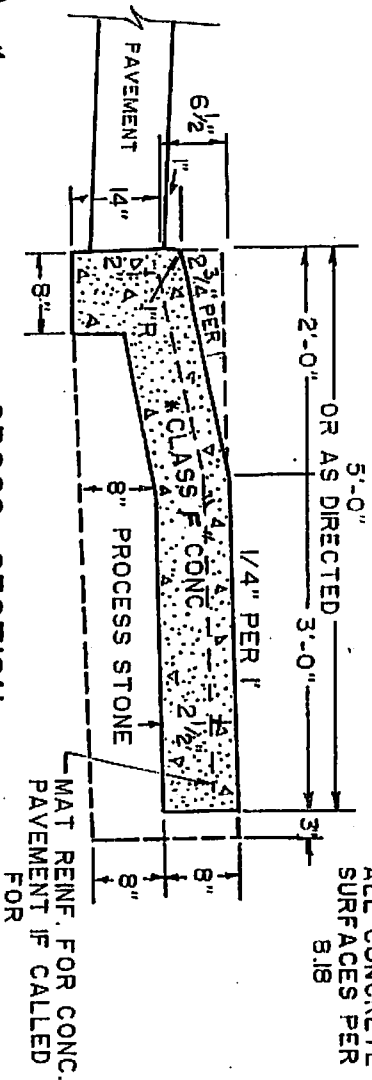


HALF PLAN



HALF ELEVATION

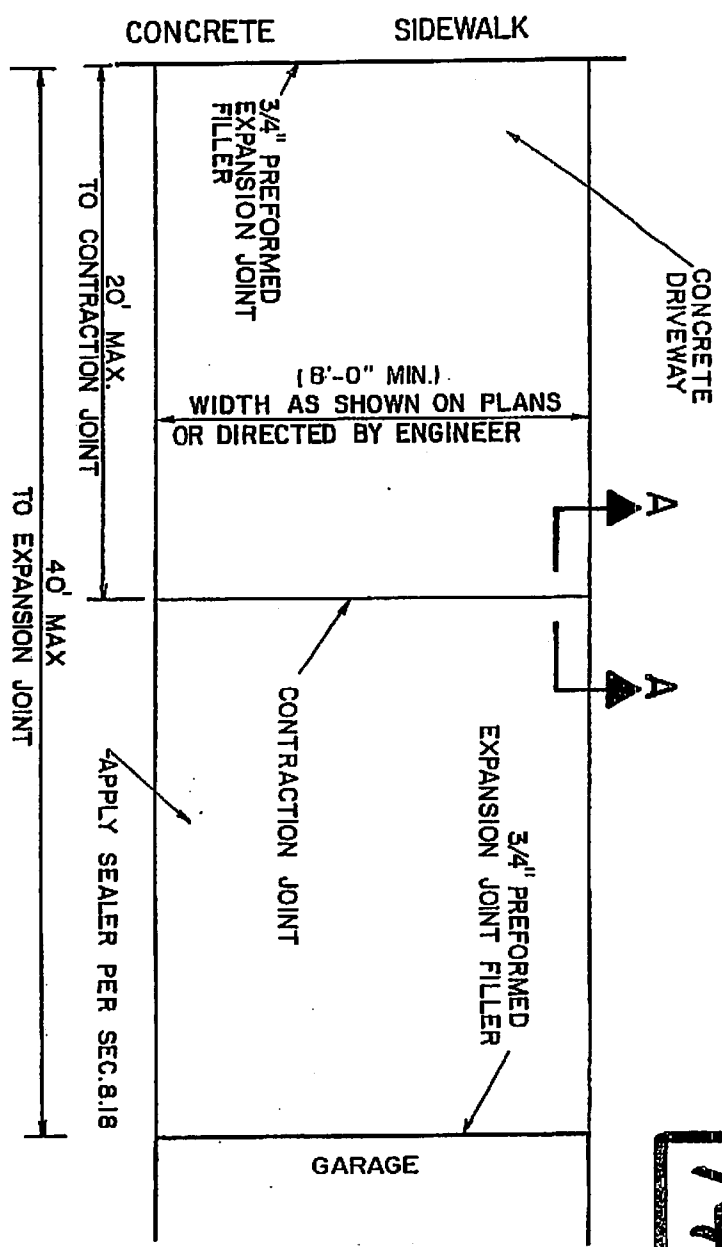
APPLY SEALER TO ALL CONCRETE SURFACES PER SEC. 8.18



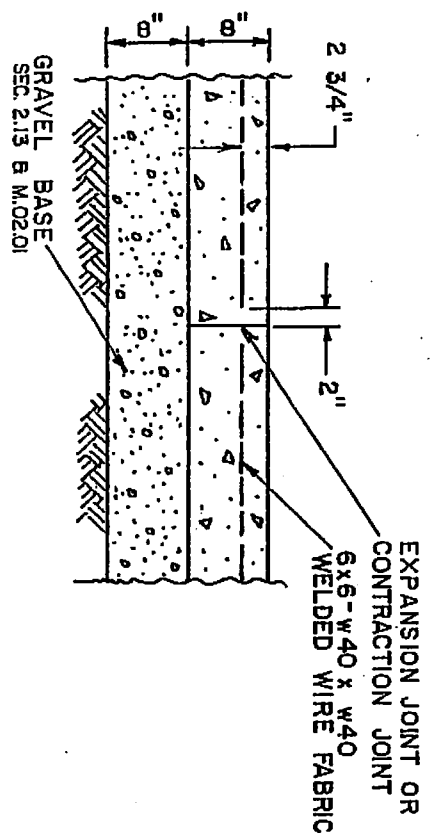
CROSS SECTION

\* CLASS "F" CONCRETE  
4000 psi  
MIX

CONCRETE RAMP WHERE SIDEWALK ADJOINS CURB



PLAN



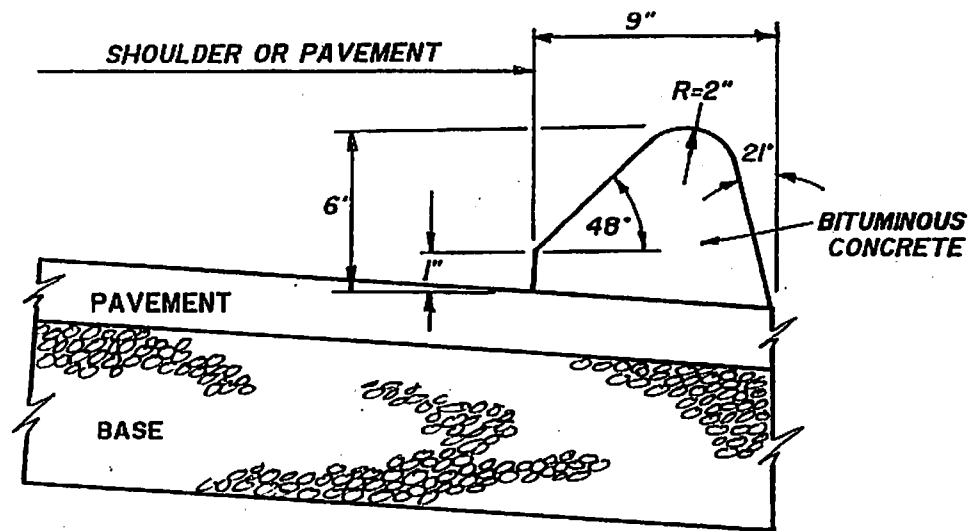
SECTION A-A

CONCRETE DRIVEWAY

SEC. 4.01

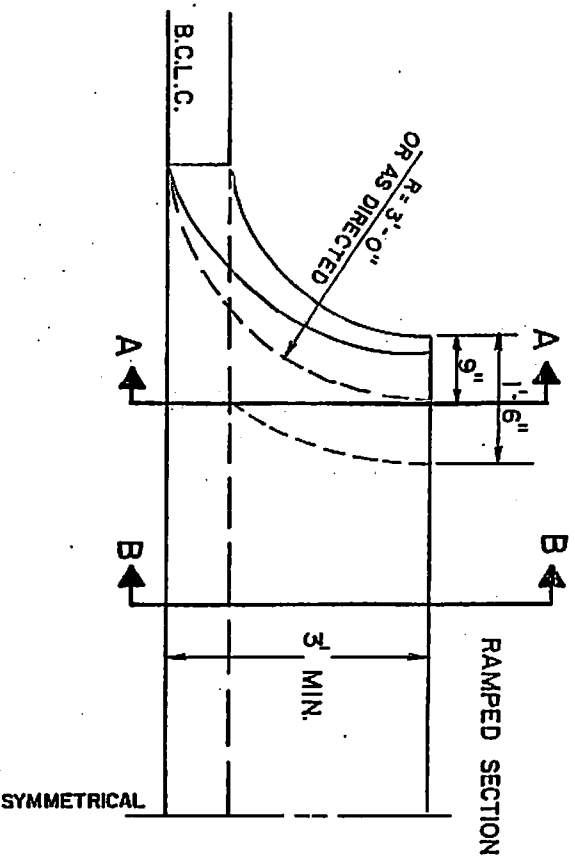
- NOTES:
- CONCRETE TO BE 4000 psi @ 28 DAYS
  - REINFORCING STEEL TO BE ASTM A 497 fy= 60,000 psi
  - BROOM FINISH

ALL SPECS FROM CONN. STD. 816  
 ADOPTED 2004  
 REV 11/04

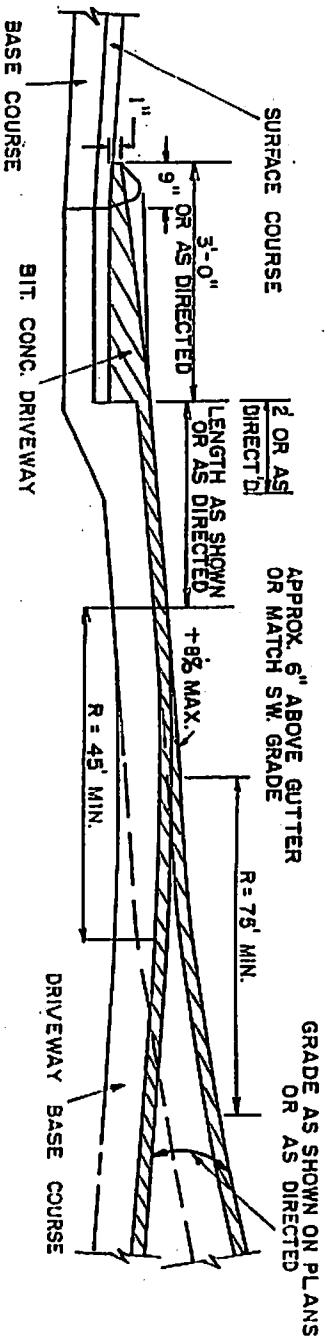


### BITUMINOUS CONCRETE LIP CURBING

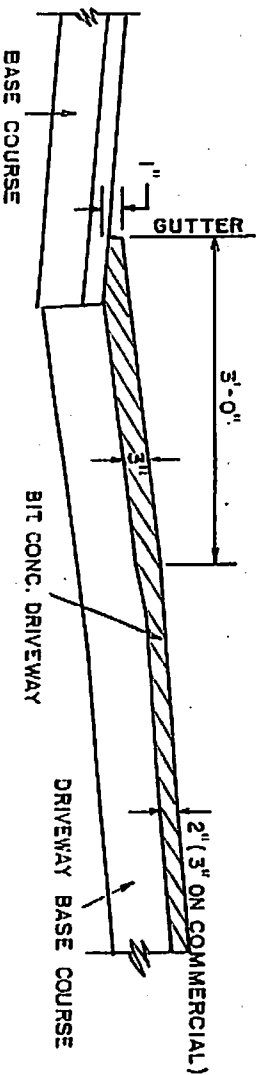
SEC. 8.15 & M.04



**HALF PLAN**

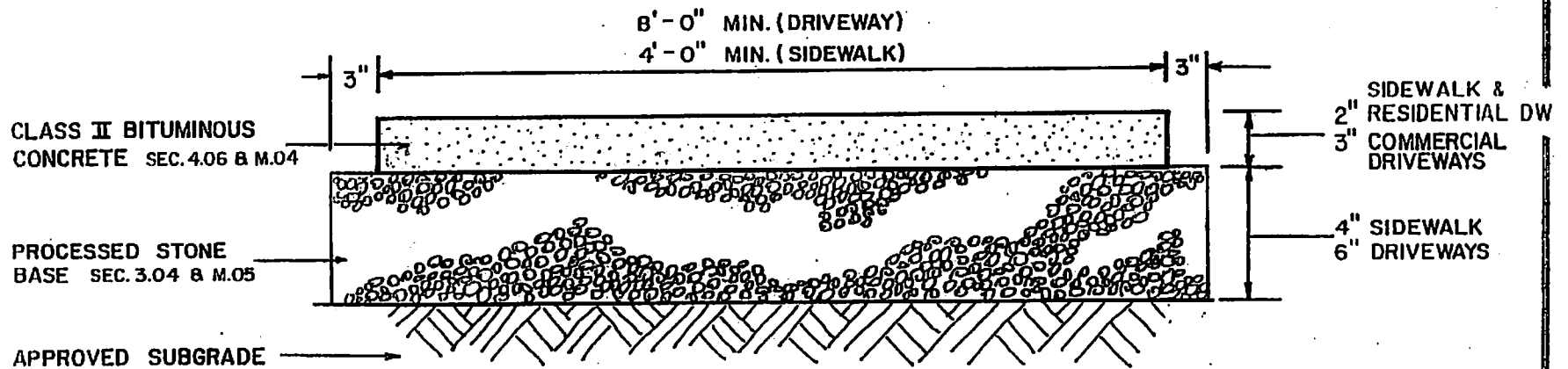


**SECTION A - A**



**SECTION B - B**

**CURBING & RAMP INSTALLATION**  
**BITUMINOUS CONCRETE DRIVES**



BITUMINOUS CONCRETE SIDEWALK & DRIVEWAY DETAIL

SEC. 9.22

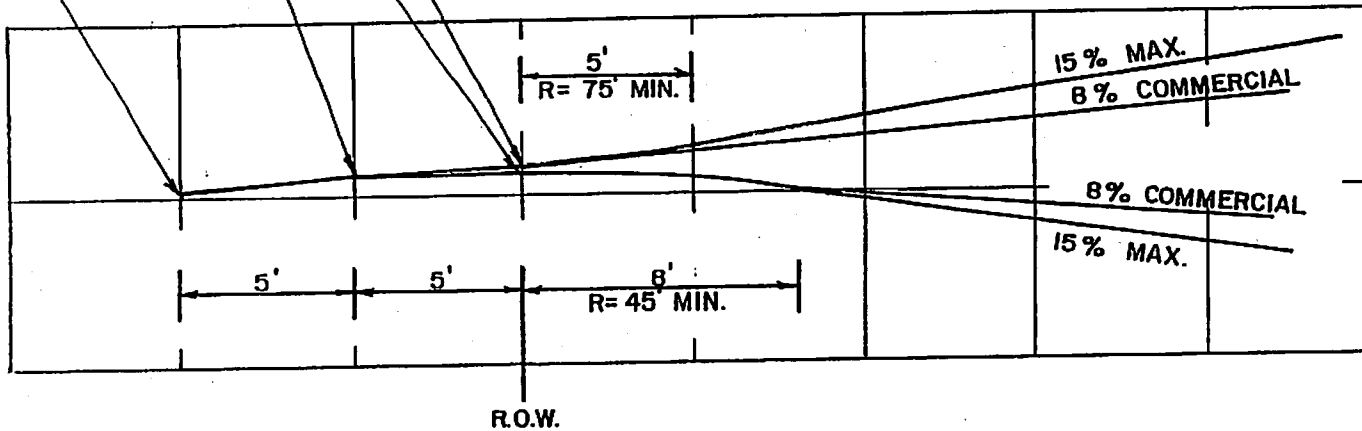


9 3/4" ABOVE GUTTER

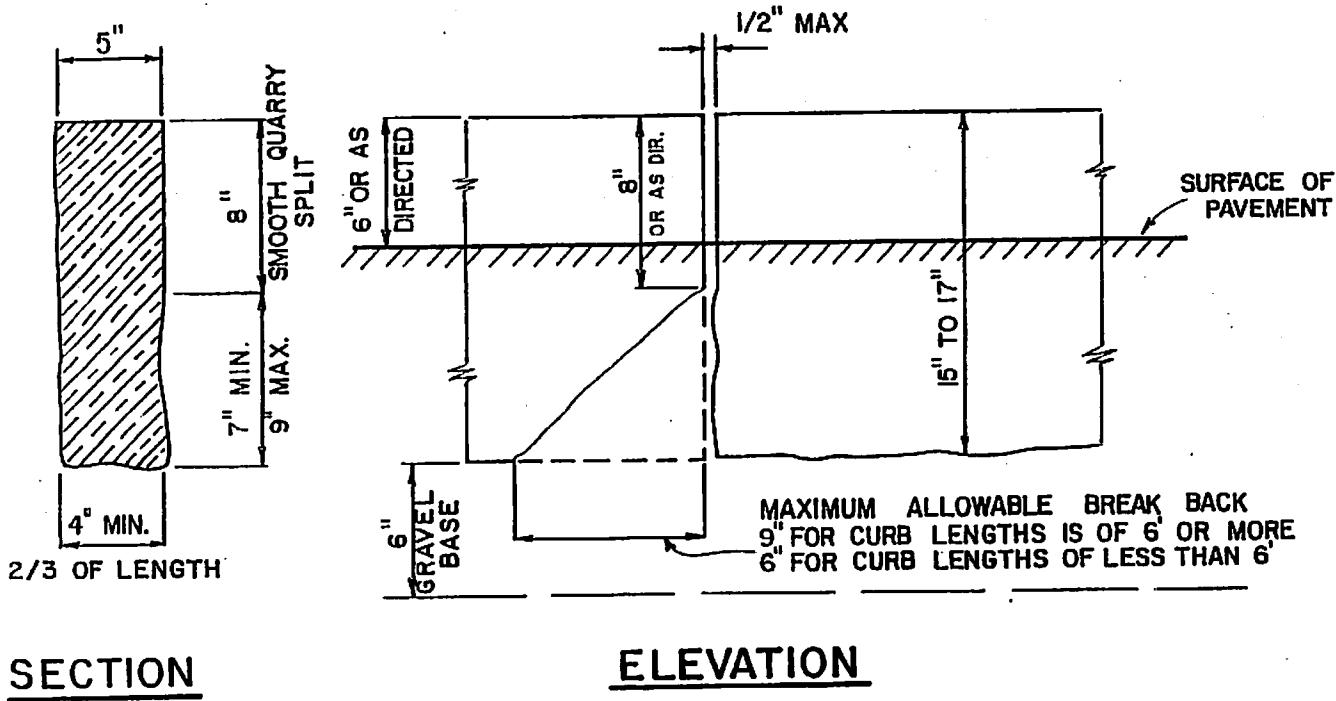
7 1/4" ABOVE GUTTER

6" ABOVE GUTTER

1" LIP



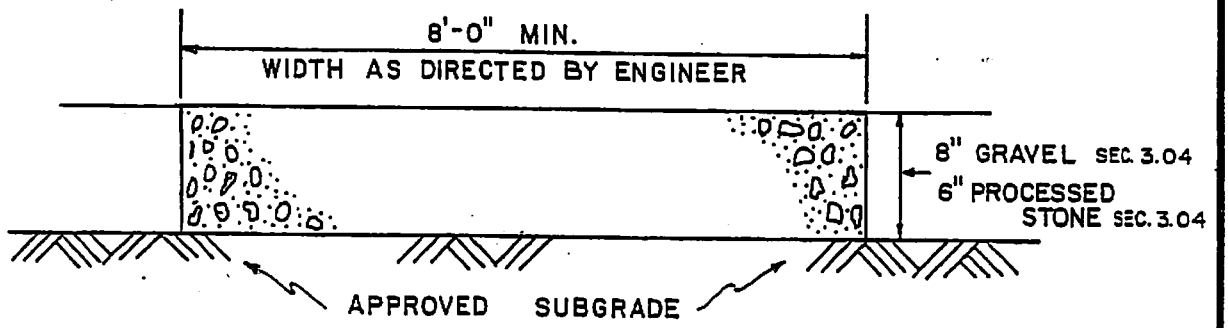
## TYPICAL TREATMENT OF DRIVE WITHOUT SIDEWALK



STONE CURBING

SEC. 8.13

£  
M 12.06

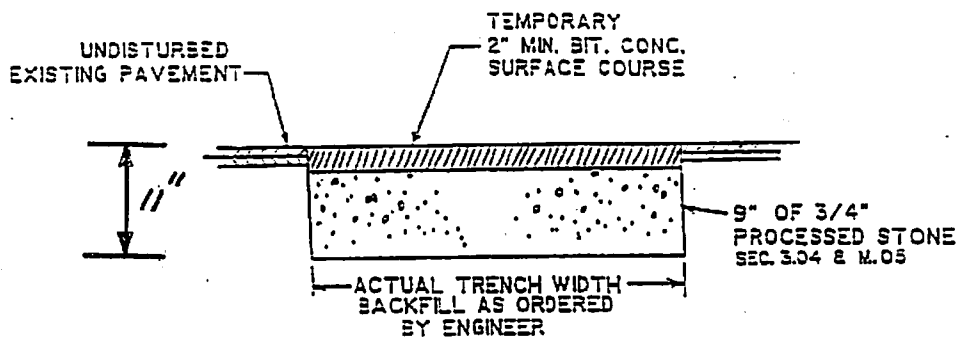


GRAVEL OR STONE DRIVEWAY

SEC. 3.04

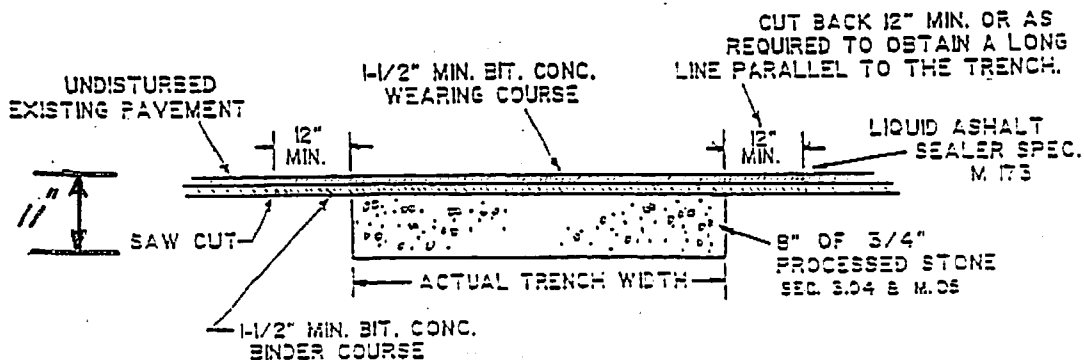
# TYPE "A" (3") PAVEMENT DETAIL

TEMPORARY PAVEMENT DETAIL  
NOT TO SCALE  
SEC. 9.23



NOTE: TEMPORARY SURFACE COURSE SHALL BE CLASS II } SEC. 9.23 & M.04

PERMANENT PAVEMENT DETAIL  
NOT TO SCALE  
SEC. 4.06

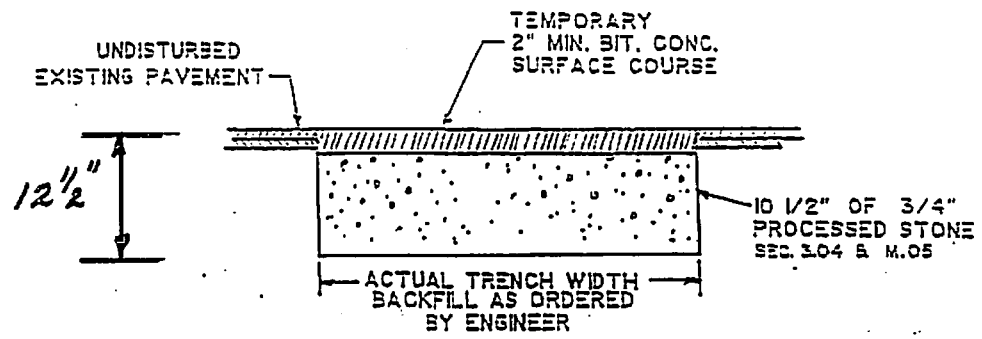


NOTE:  
WEARING COURSE SHALL BE CLASS II } SEC. 4.06 & M.04  
BINDER COURSE SHALL BE CLASS II }

ALL SPECS FROM CONN. STD. 816  
ADOPTED 2004

# TYPE "B" (4 1/2") PAVEMENT DETAIL

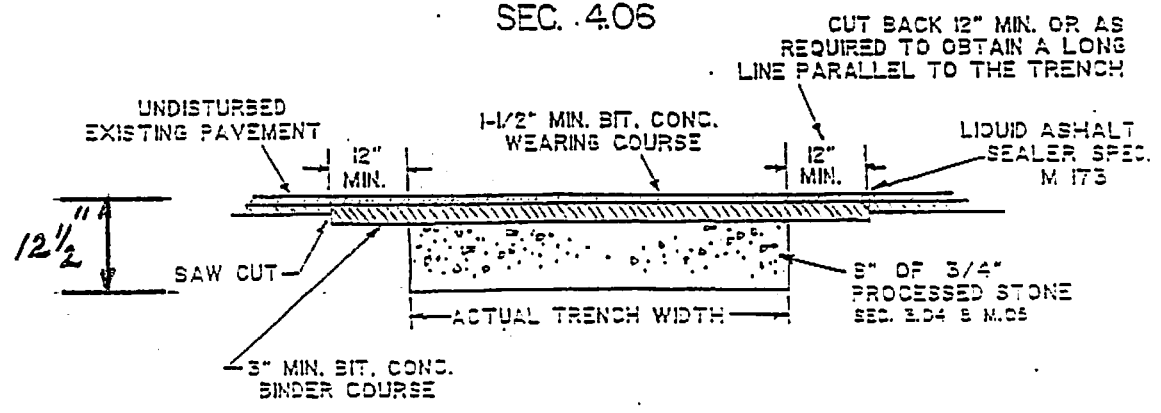
## TEMPORARY PAVEMENT DETAIL NOT TO SCALE SEC. 9.23



NOTE: TEMPORARY SURFACE COURSE SHALL BE CLASS II } SEC. 9.23 & M.04

ALL SPEC'S FROM CONN. STD.- 816  
ADOPTED 2004

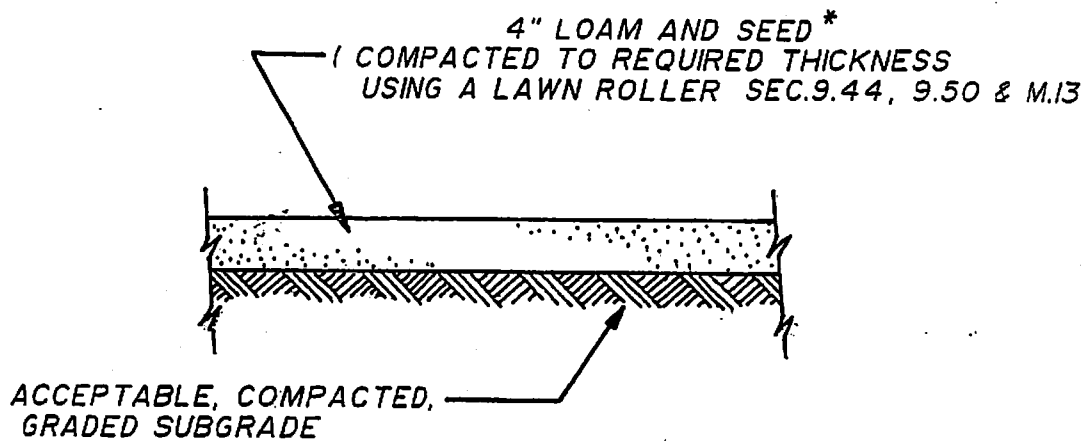
## PERMANENT PAVEMENT DETAIL NOT TO SCALE SEC. 4.06



NOTE: WEARING COURSE SHALL BE CLASS II } SEC. 4.06 & M.04  
BINDER COURSE SHALL BE CLASS II }

## LOAM & SEED DETAIL

SEC. 9.44 & 9.50



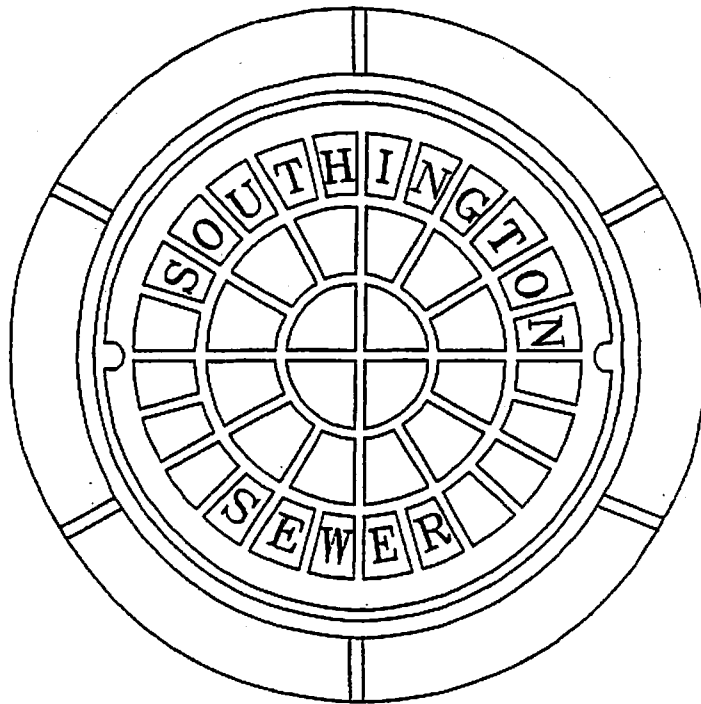
\* SEED MIXTURE TO BE USED  
 UNLESS OTHERWISE DIRECTED BY ENGINEER

### GENERIC SEED MIXTURE

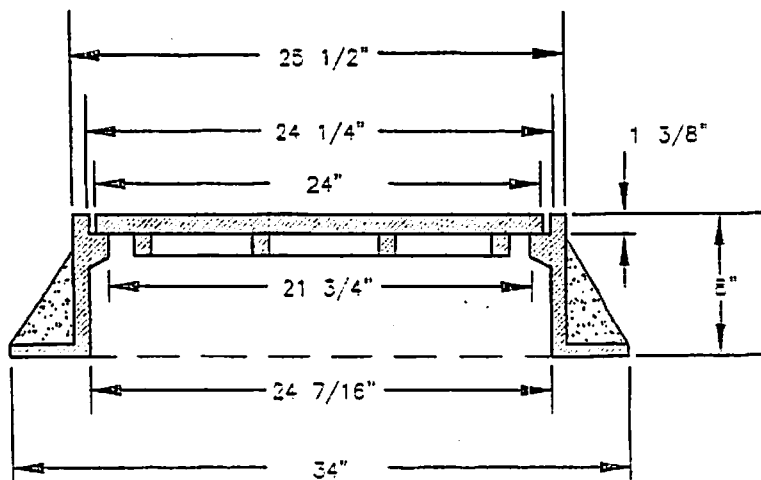
- 25 - 30% KENTUCKY BLUE GRASS  
 80% GERMINATION
- 30 - 35% RED FESCUE 90% GERMINATION
- 30 - 40% PERENNIAL RYE GRASS MIXTURES  
 85% GERMINATION

# TOWN OF SOUTHLINGTON STANDARD MANHOLE DETAIL

25



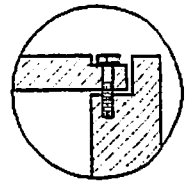
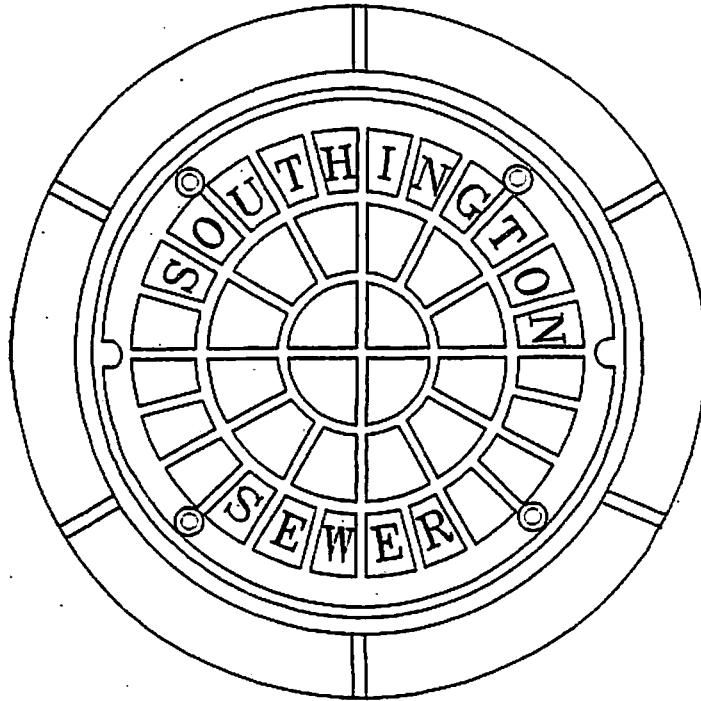
AASHTO HS20-44 HIGHWAY LOADING



CAMPBELL FOUNDRY PATTERN NO. 100TD  
OR APPROVED EQUAL

# TOWN OF SOUTHLINGTON STANDARD MANHOLE DETAIL

26

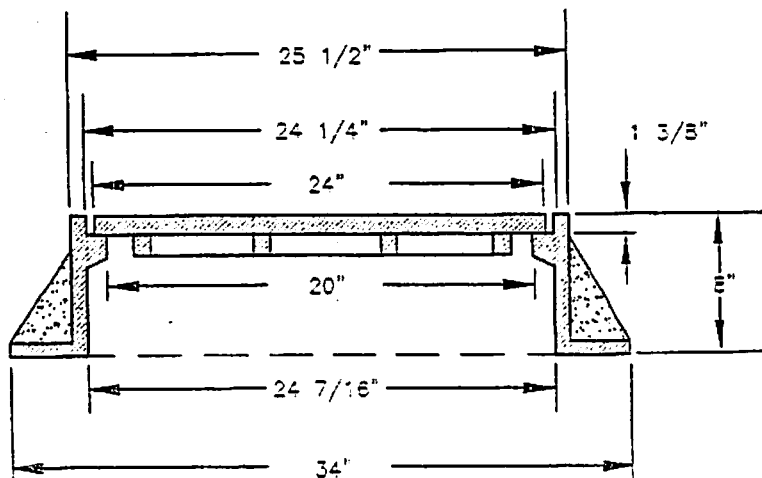


BOLTING DETAIL

AASHTO HS20-44 HIGHWAY LOADING

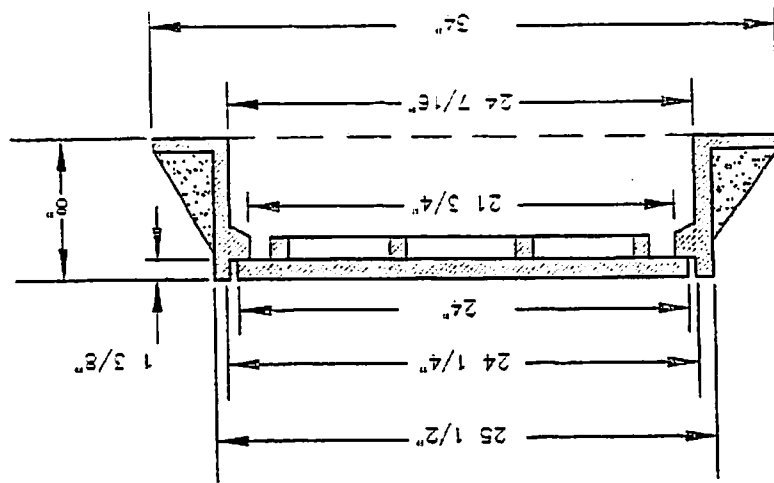
**NOTES:**

1. COVER SHALL BE BOLTED TO FRAME WITH 4 RECESSED, EQUALLY SPACED 12"-13SS HEX HEAD CAP SCREWS AND MADE WATER TIGHT WITH A 1/4" NEOPRENE GASKET AND NON PENETRATING PICK HOLES
2. FLANGE SHALL HAVE 3 EQUALLY SPACED \*\* DIAMETER ANCHORING HOLES ON A 32" DIAMETER CENTER
3. CASTINGS ARE SUPPLIED WITHOUT PAINT OR COATING

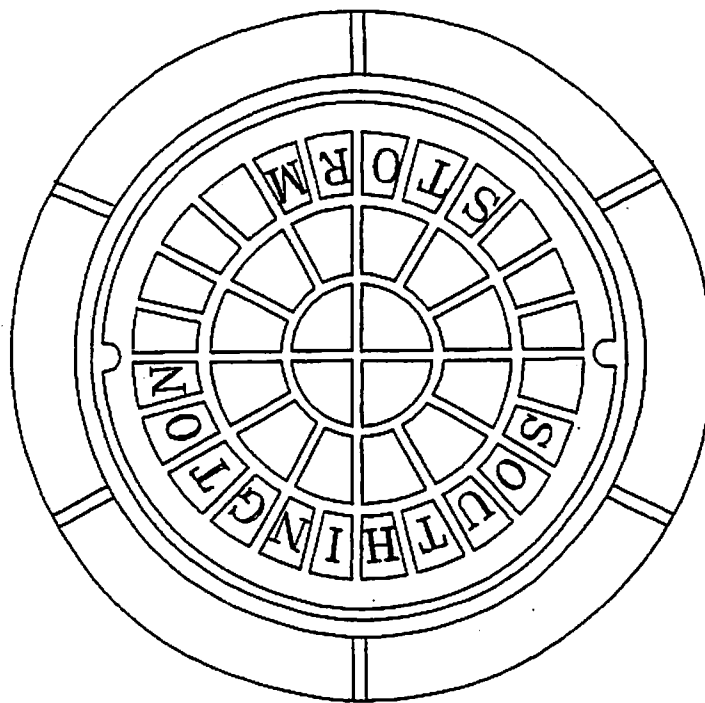


CAMPBELL FOUNDRY PATTERN NO. 1007WT  
OR APPROVED EQUAL

CAMPBELL FOUNDRY PATTERN NO. 1007D  
OR APPROVED EQUAL



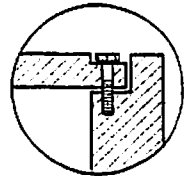
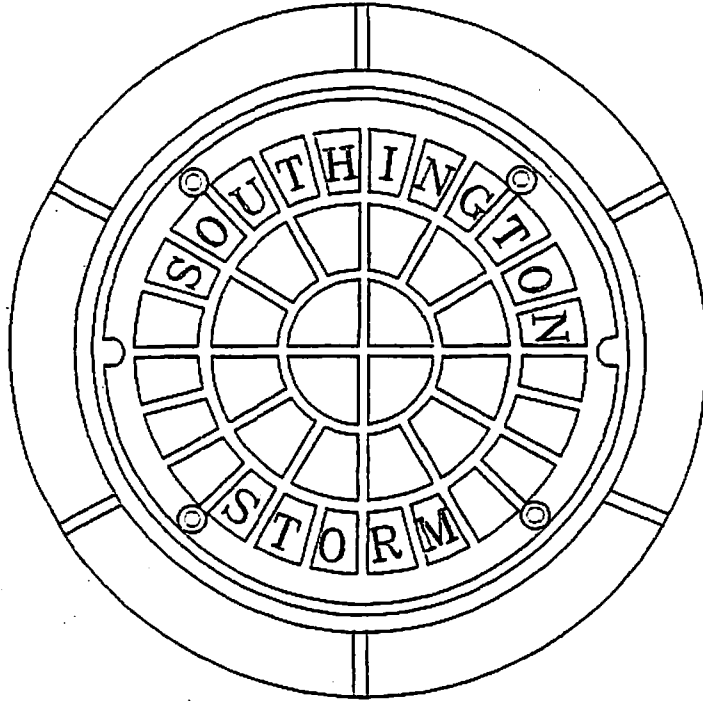
AASHTO HS20-44 HIGHWAY LOADING



TOWN OF SOUTHLINGTON  
STANDARD MANHOLE DETAIL

# TOWN OF SOUTHLINGTON STANDARD MANHOLE DETAIL

28

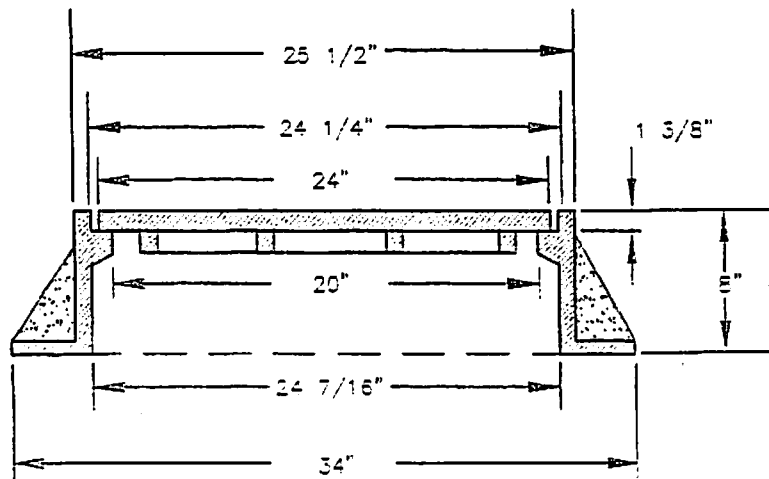


BOLTING DETAIL

AASHTO HS20-44 HIGHWAY LOADING

NOTES:

1. COVER SHALL BE BOLTED TO FRAME WITH 4 RECESSED, EQUALLY SPACED 1/2"-13SS HEX HEAD CAP SCREWS AND MADE WATERTIGHT WITH A 1/4" NEOPRENE GASKET AND NON PENETRATING POK HOLES
2. FLANGE SHALL HAVE 3 EQUALLY SPACED 1" DIAMETER ANCHORING HOLES ON A 24" DIAMETER CENTER
3. CASTINGS ARE SUPPLIED WITHOUT PAINT OR COATING



CAMPBELL FOUNDRY PATTERN NO. 1007WT  
OR APPROVED EQUAL