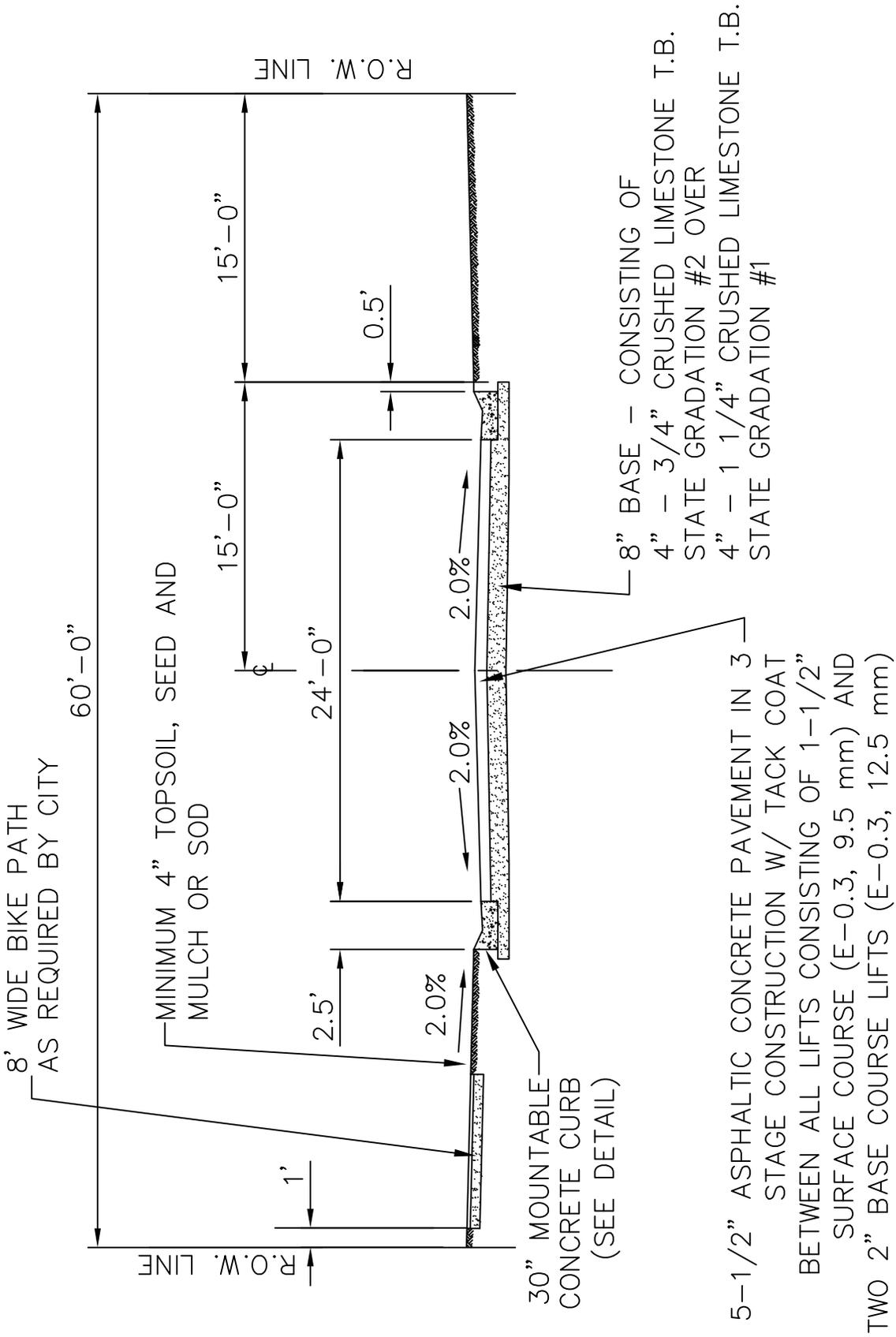




## STANDARD URBAN CROSS SECTION MINOR STREETS

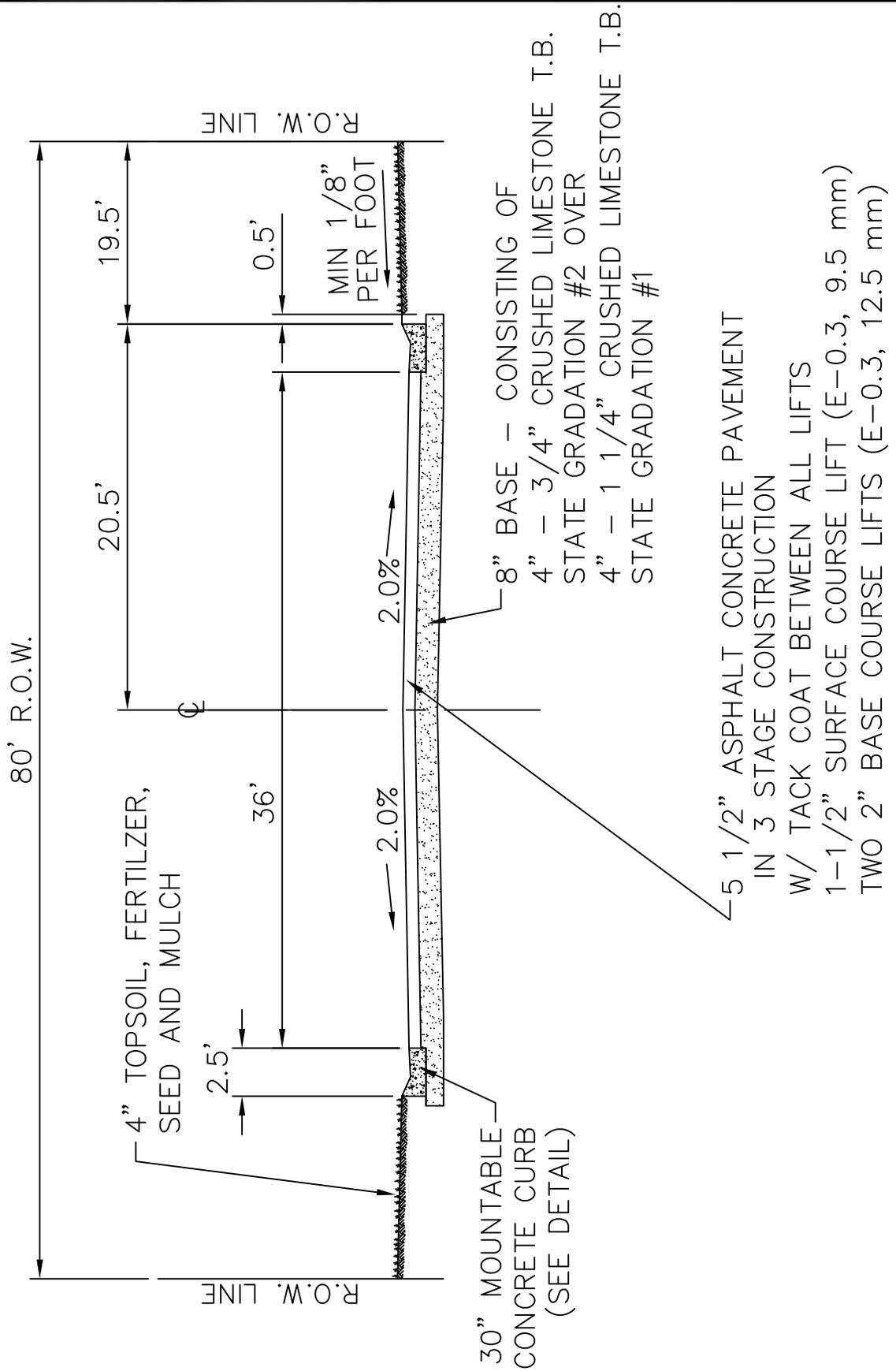
REVISED: OCTOBER, 2014

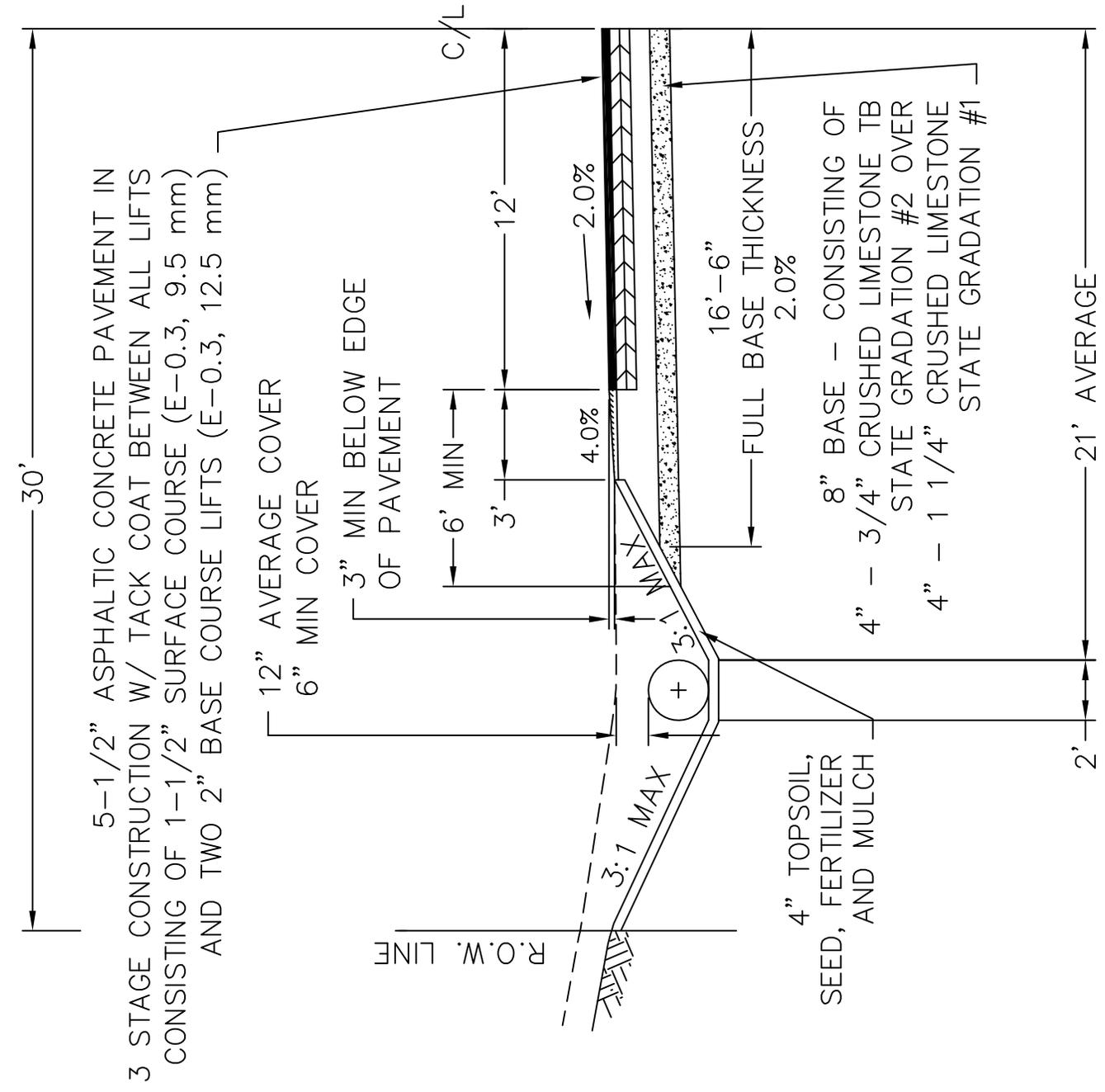




## STANDARD URBAN CROSS-SECTION COLLECTOR STREET

REVISED: OCTOBER, 2014





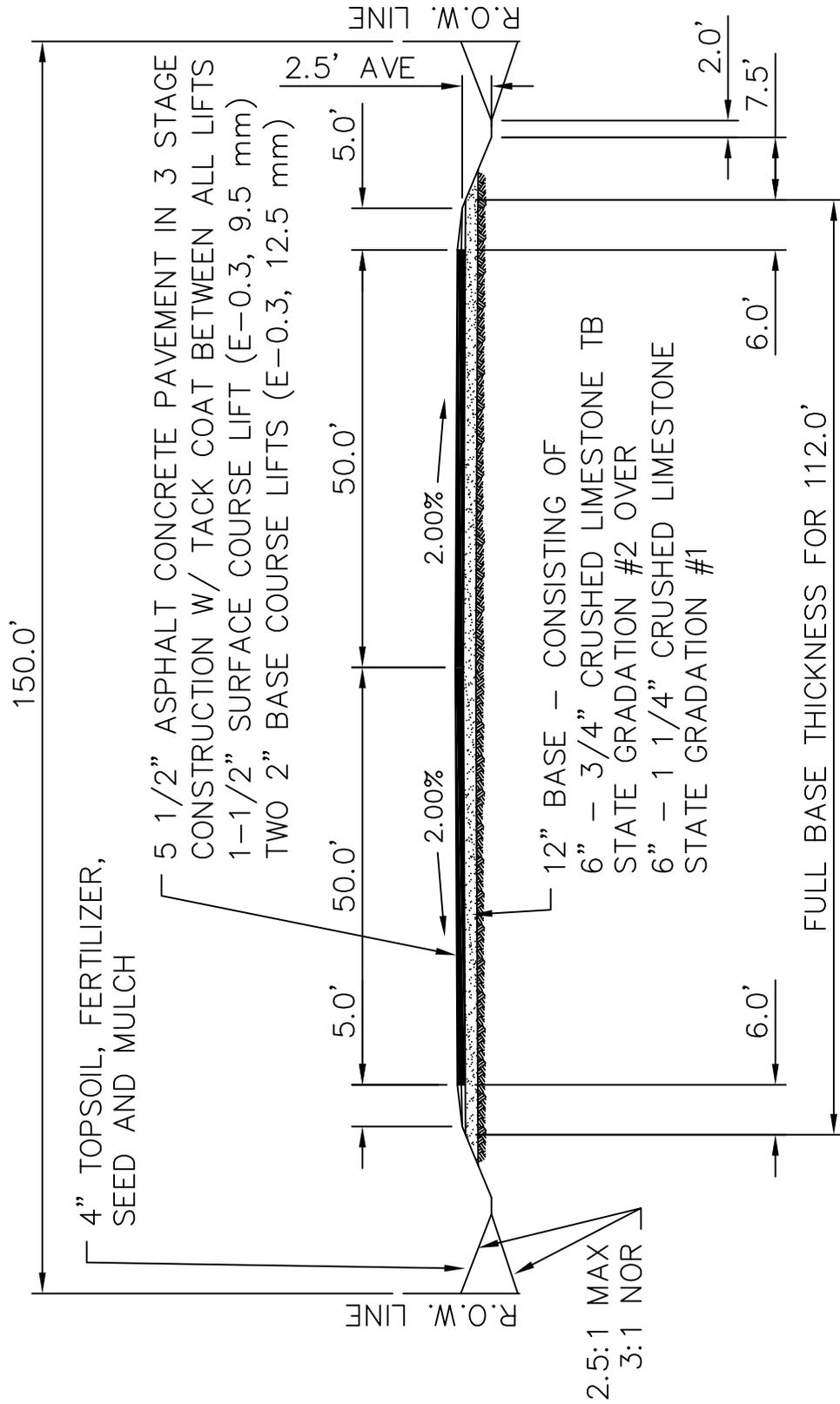
**TYPICAL LOCAL ROAD  
RURAL SECTION**

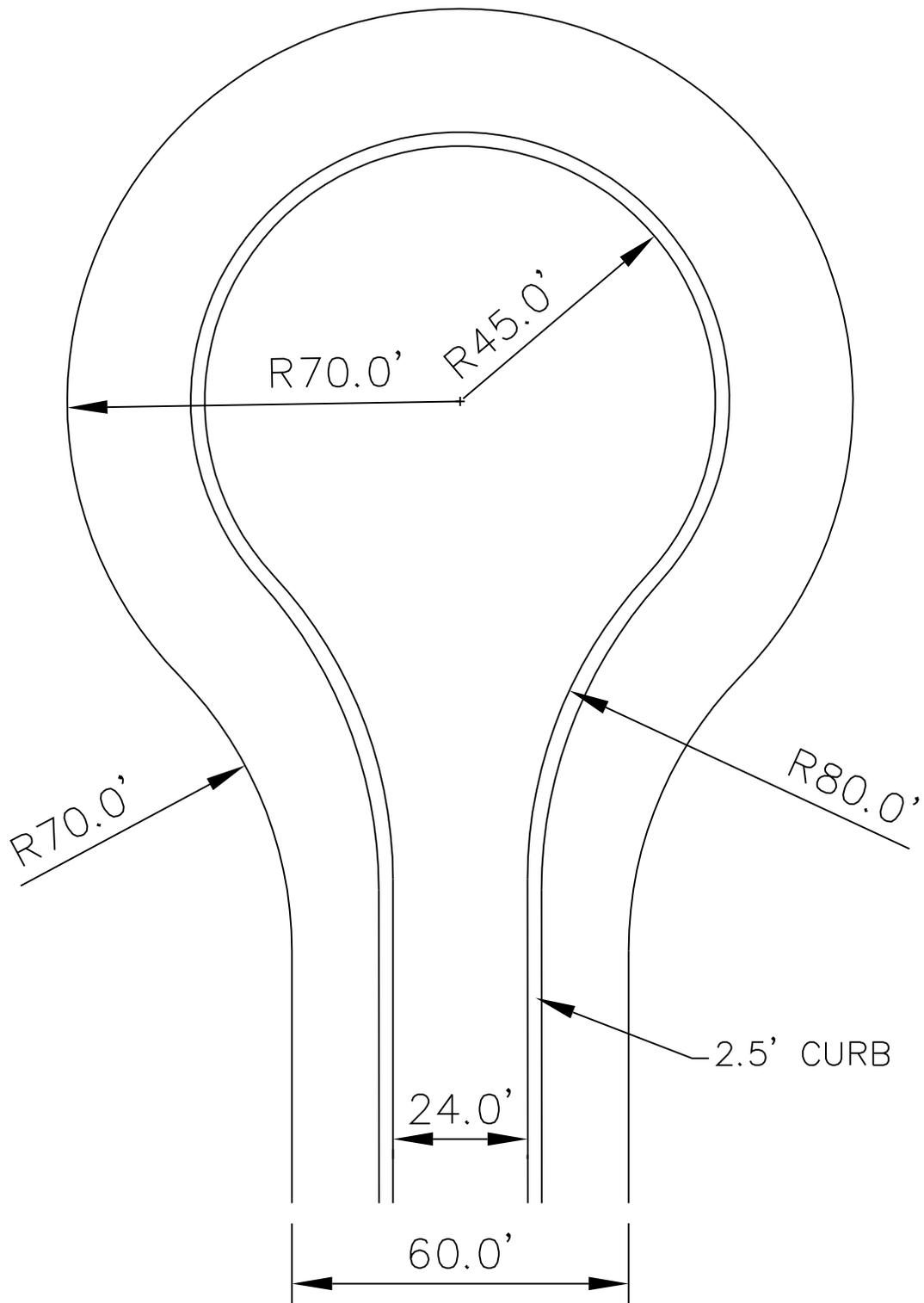
REVISED: OCTOBER, 2014



**COMMERCIAL CUL-DE-SAC  
RURAL SECTION**

REVISED: OCTOBER, 2014

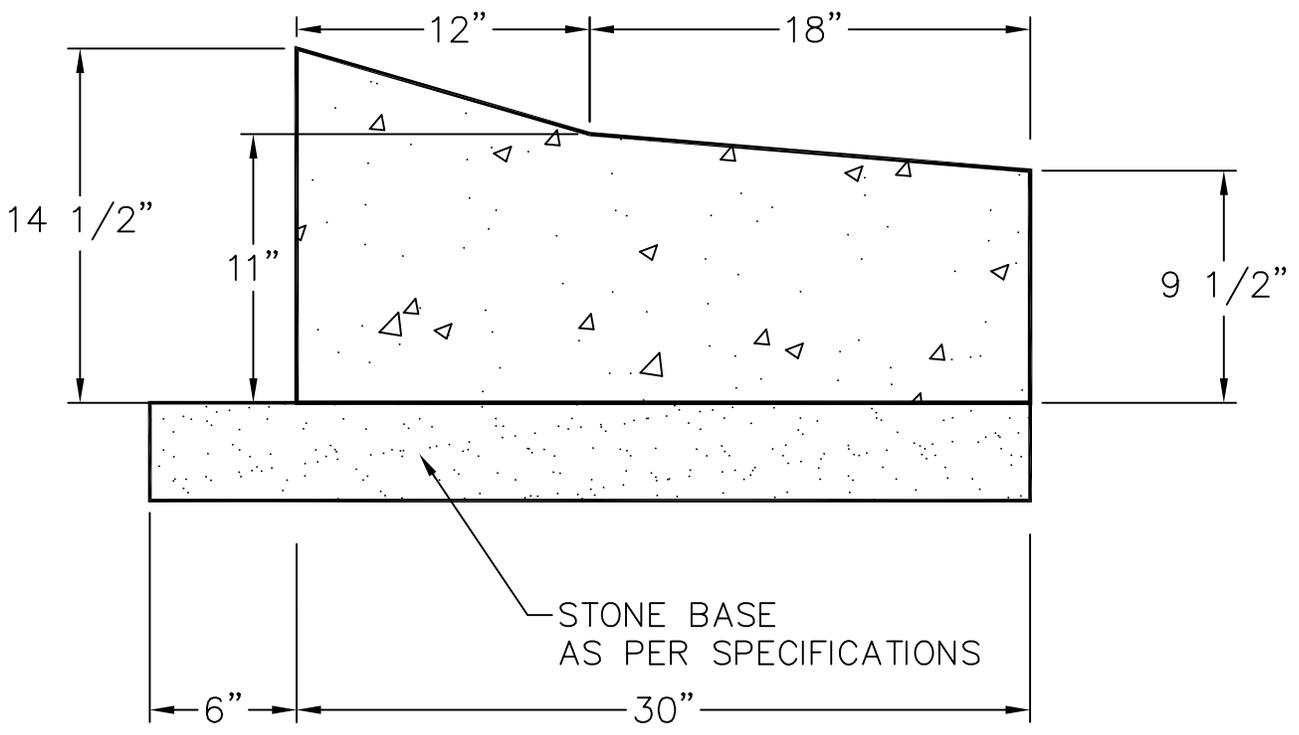
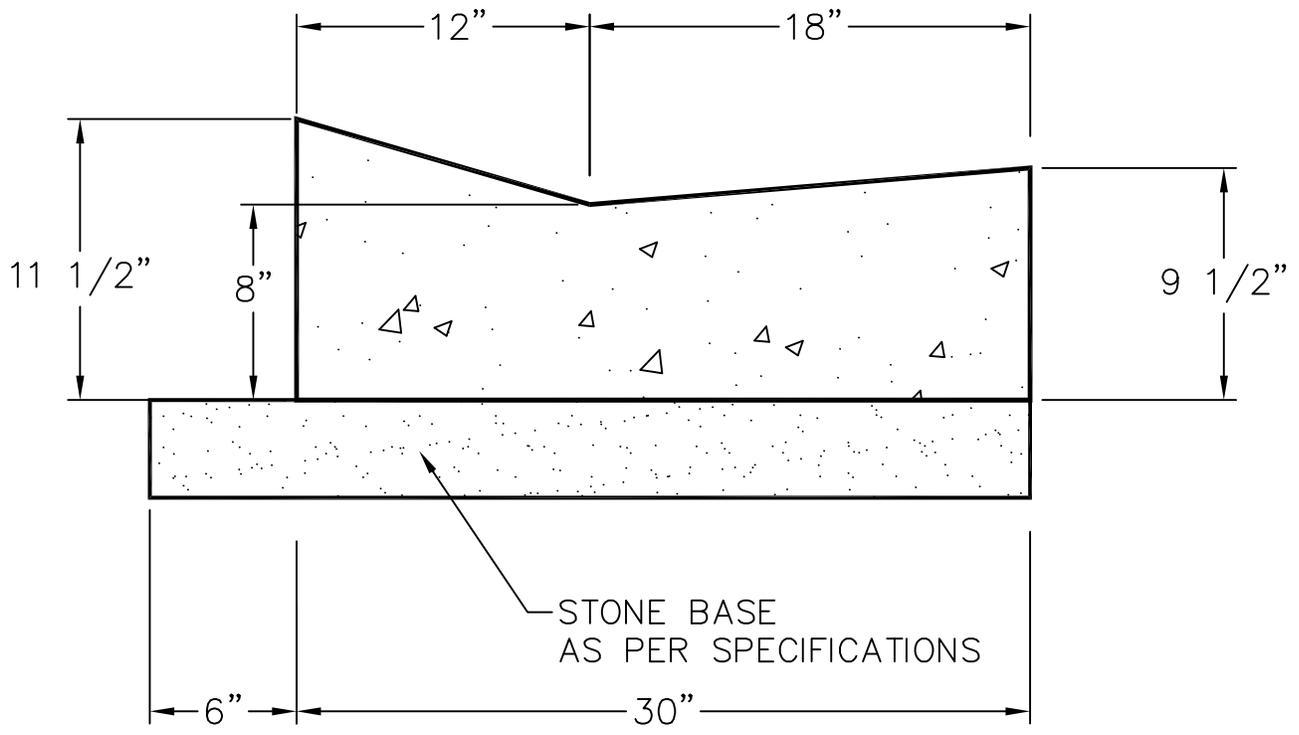




**STANDARD URBAN CUL-DE-SAC  
MINOR STREETS**

REVISED: AUGUST, 2003

#1E

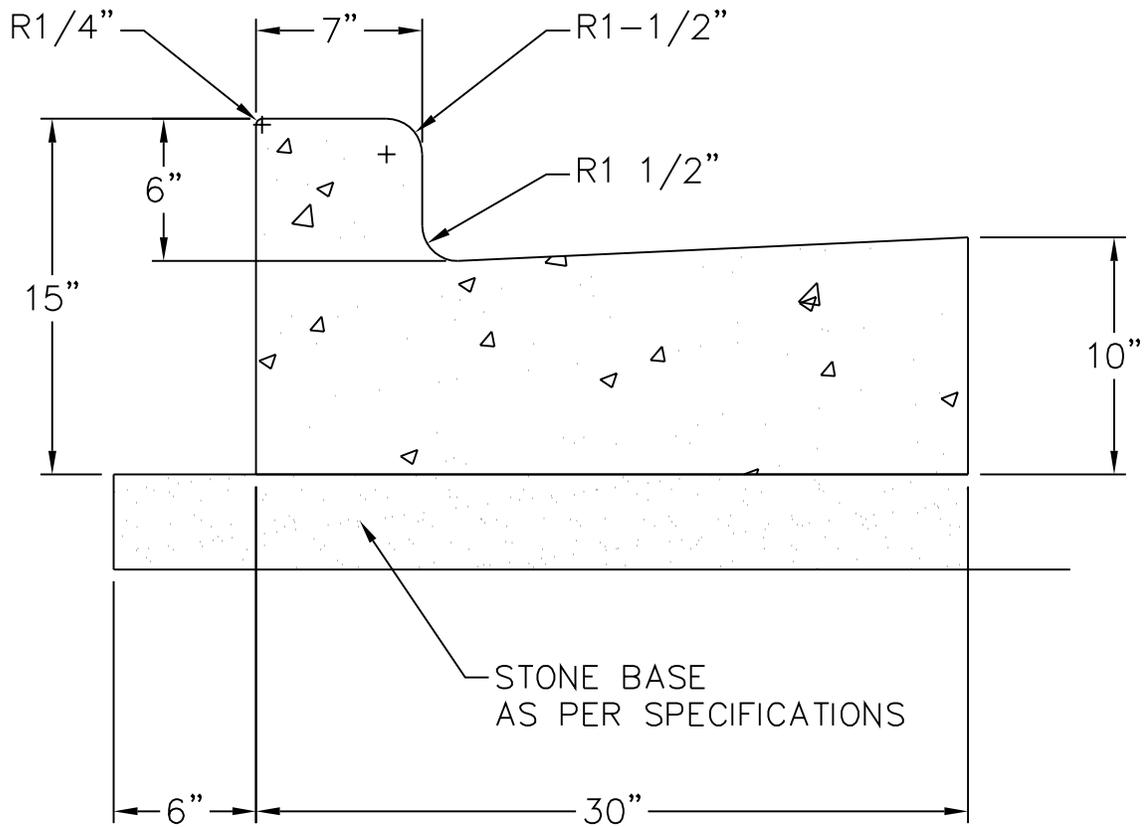


REVERSE PAN



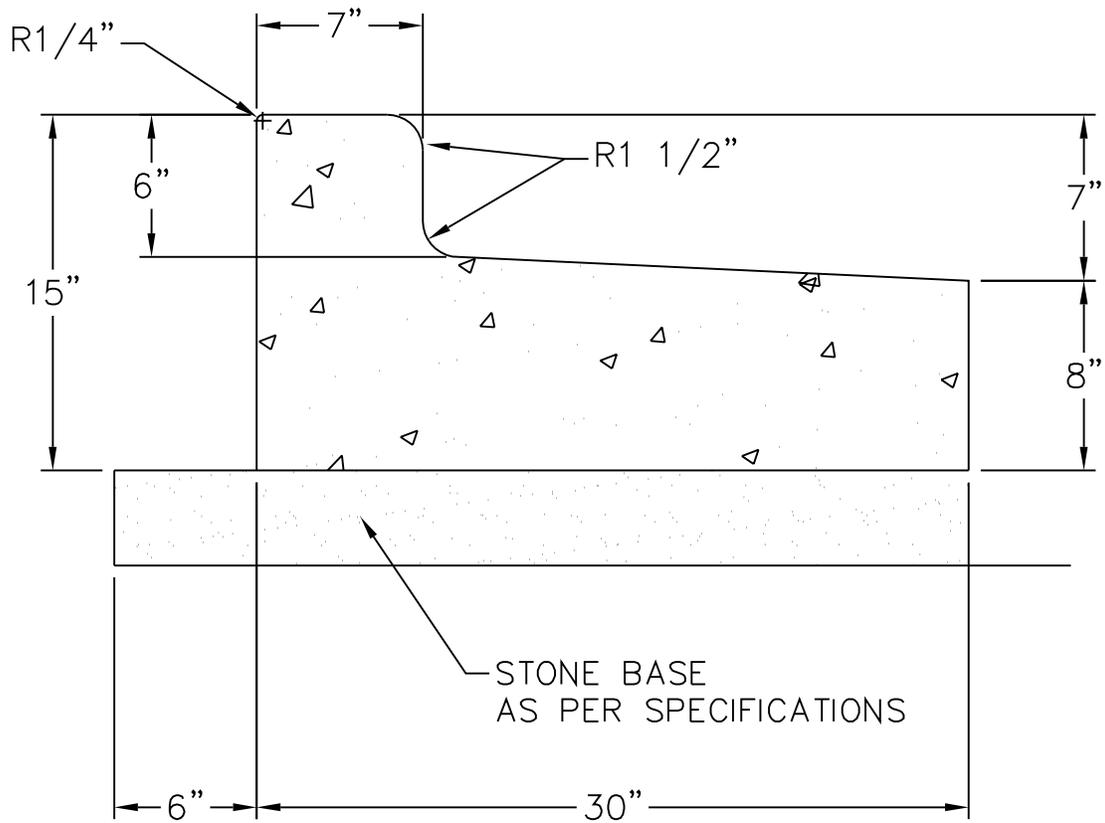
**MOUNTABLE  
CURB & GUTTER**

REVISED: JULY, 2014



**STANDARD VERTICAL FACE  
 CONCRETE CURB & GUTTER  
 WHERE SPECIFIED BY CITY**

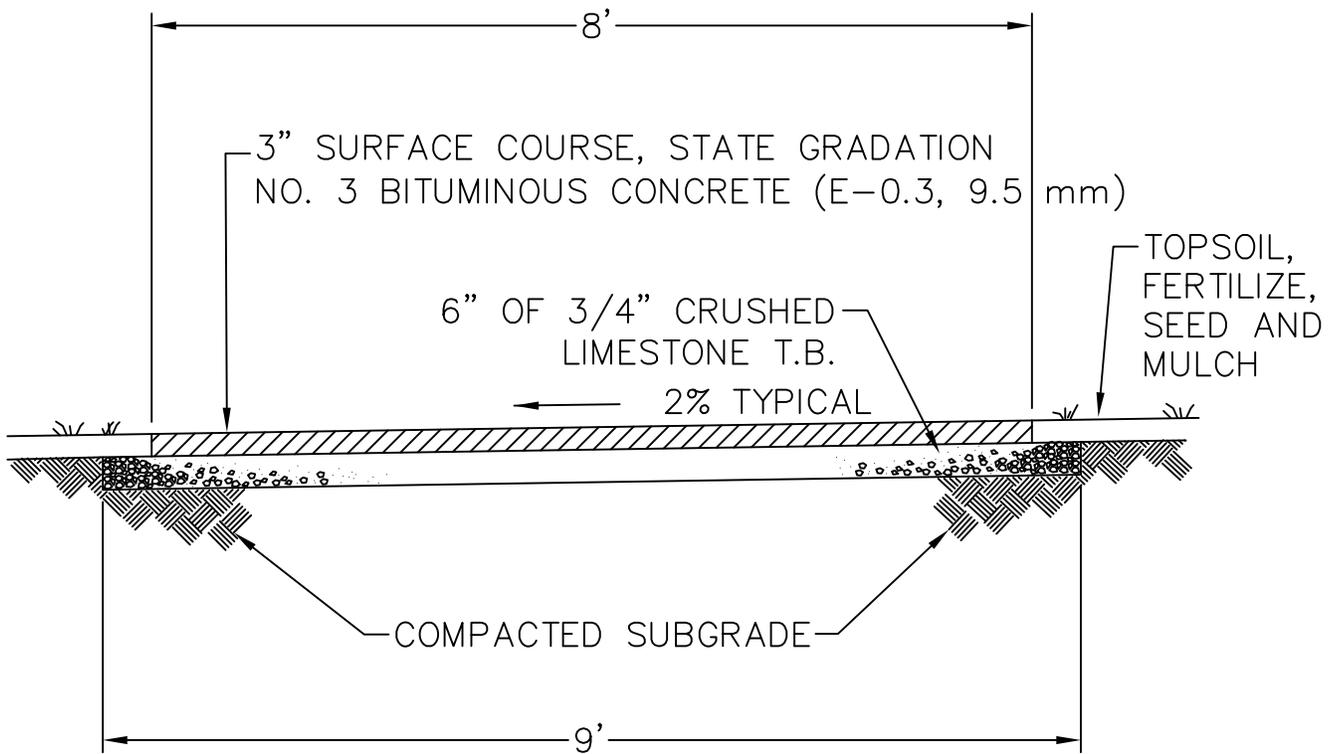
REVISED: JULY, 2001



**STANDARD VERTICAL FACE REVERSE PAN  
CONCRETE CURB & GUTTER FOR ISLAND**

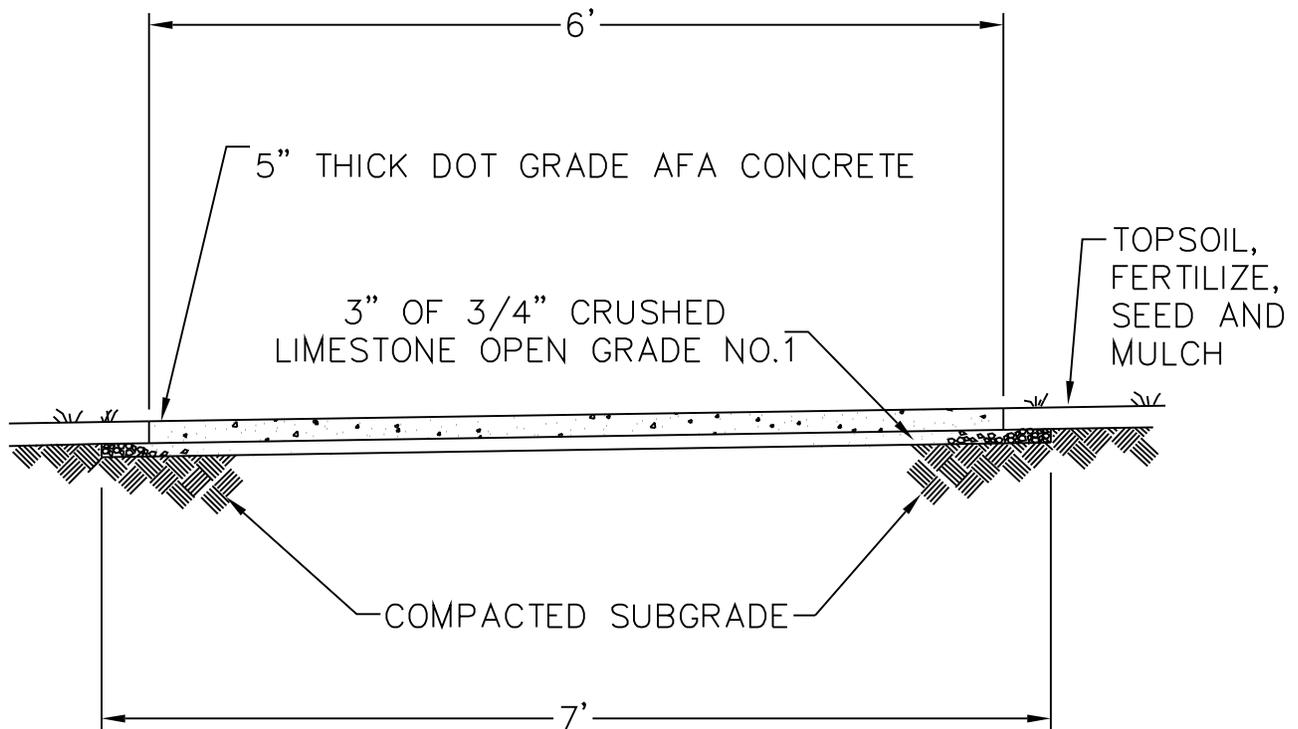
REVISED: JULY, 2001





**TYPICAL RECREATIONAL TRAIL- ASPHALT**

REVISED: OCTOBER, 2014



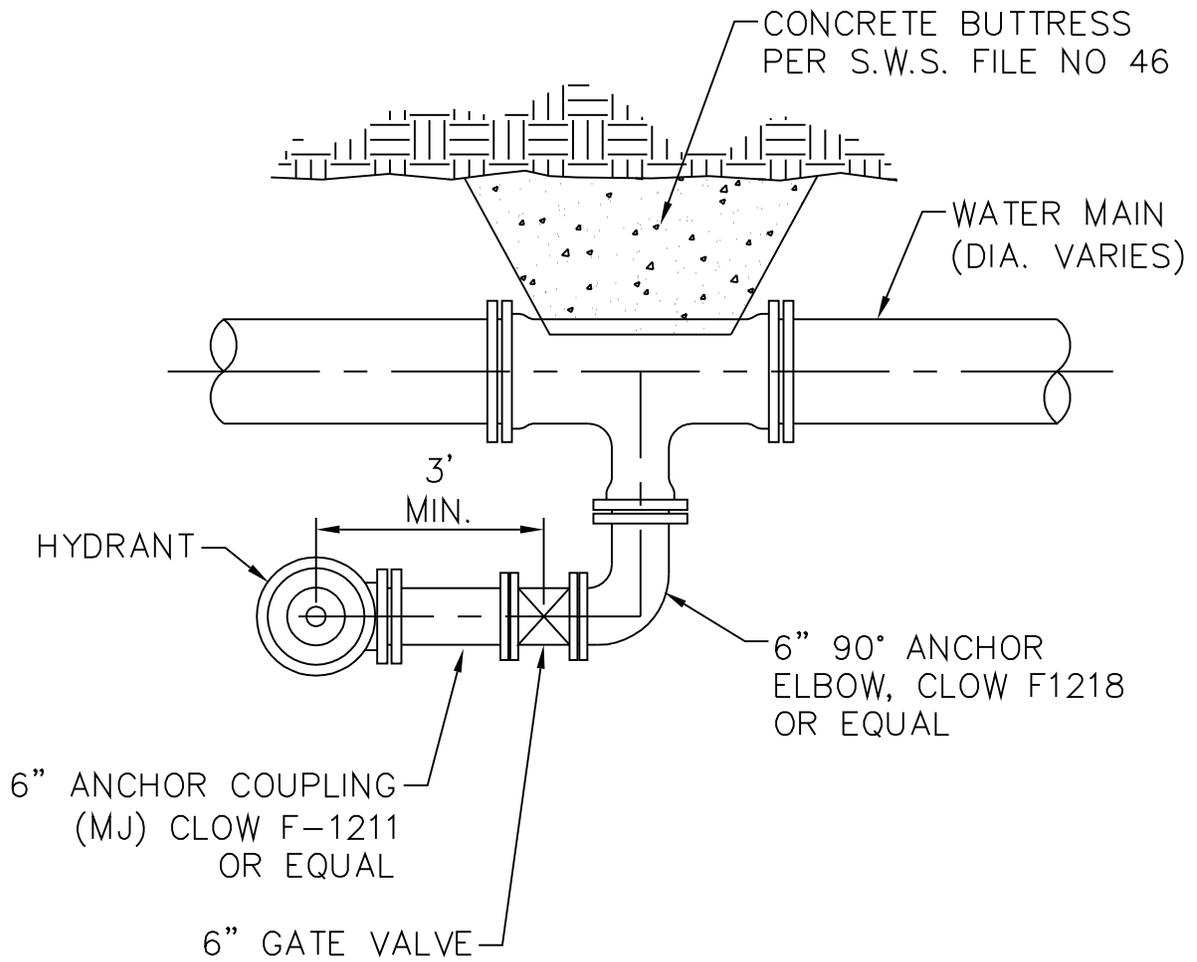
1. Joint Spacing Shall Be 5' On Center.
2. Finish Shall Be Perpendicular To Travel.
3. Felt Shall Be Placed At All Driveway Abutments.
4. Edges Shall Be Tooled.



### TYPICAL PEDESTRIAN PATH- CONCRETE

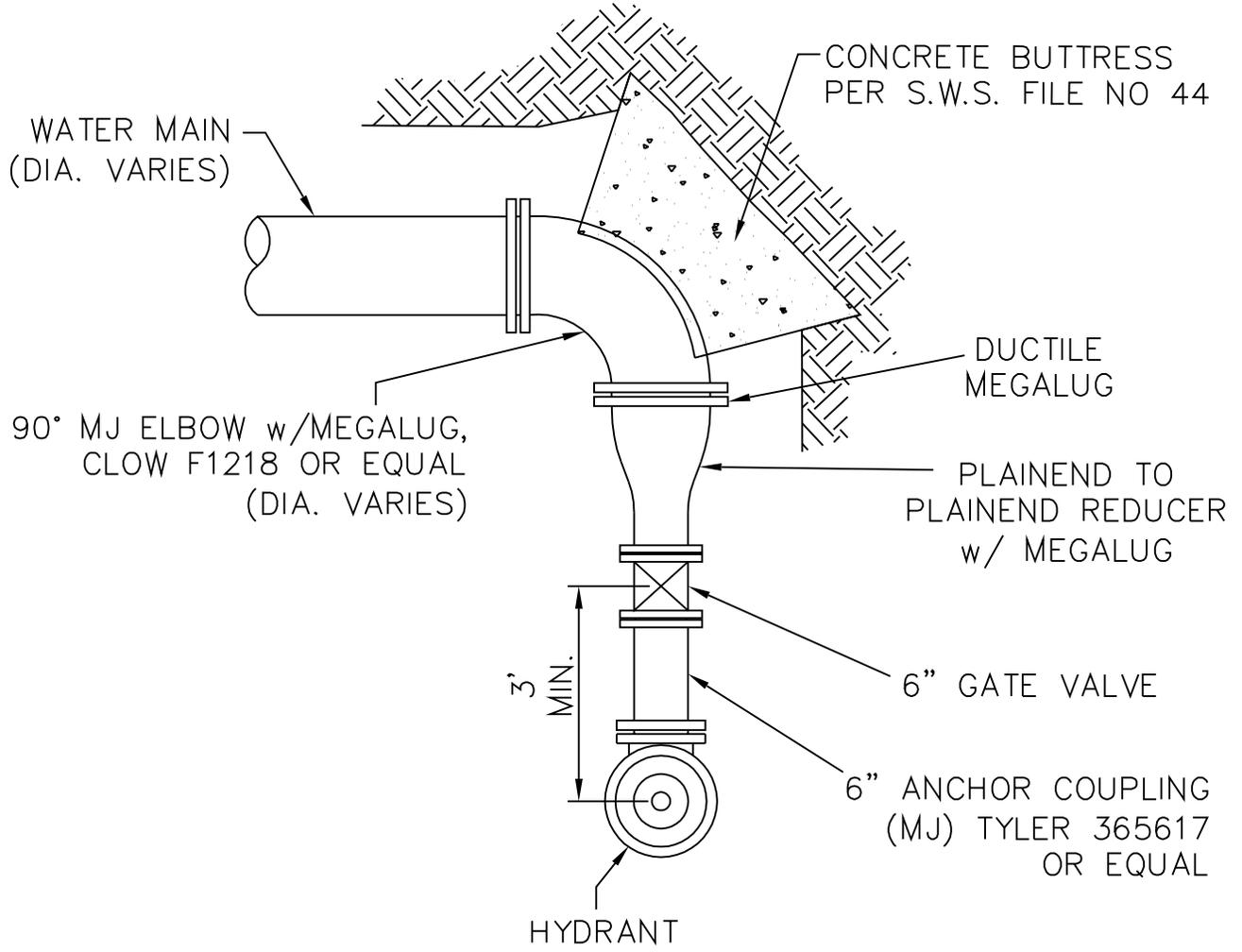
REVISED: NOVEMBER, 2002

#3B



### HYDRANT BRANCH

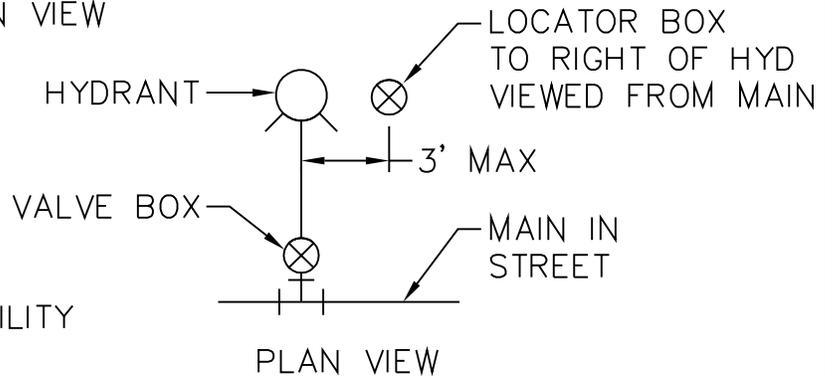
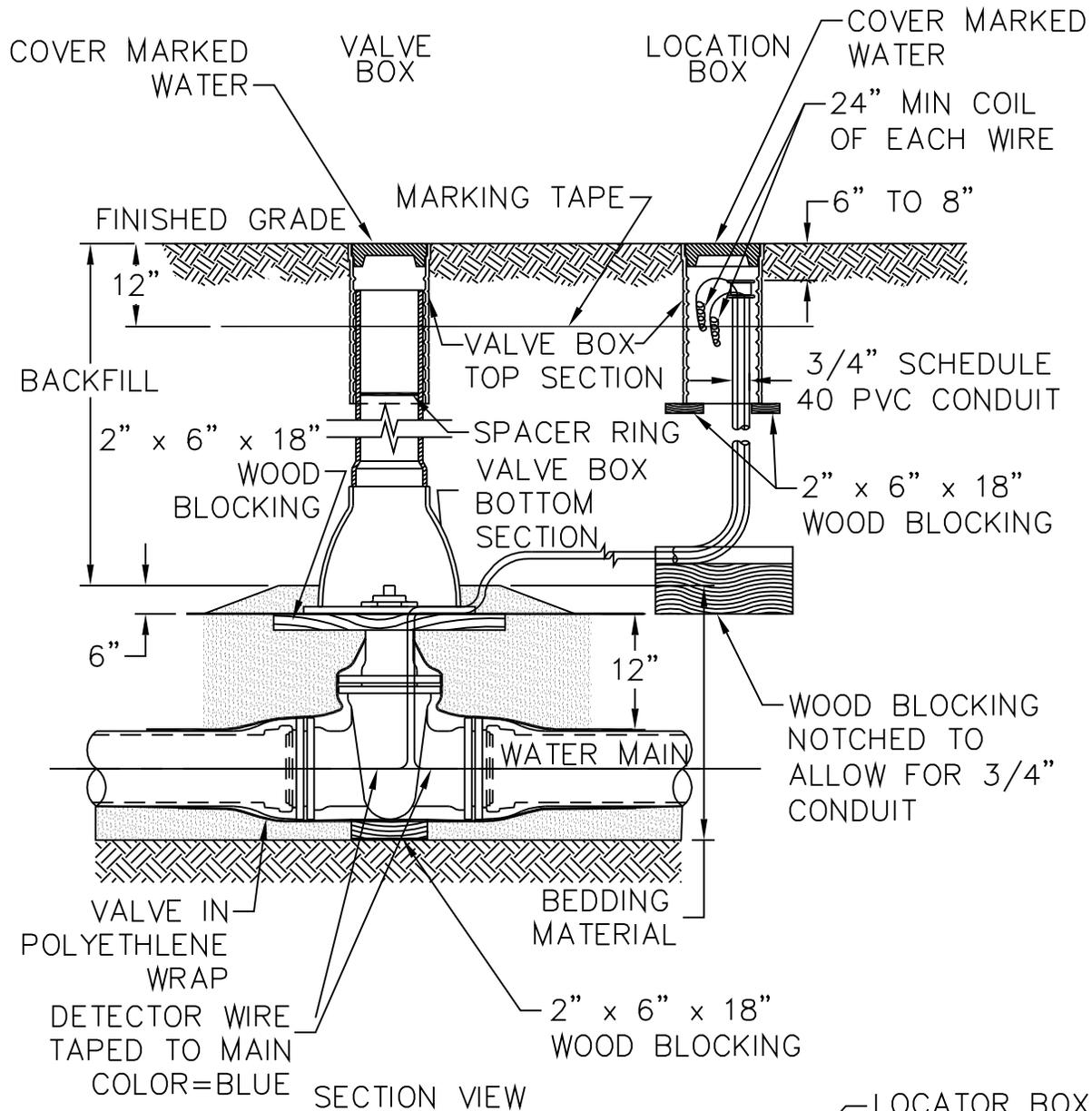
REVISED: JULY, 2001



**HYDRANT- TERMINATION POINT**



REVISED: MARCH, 2003

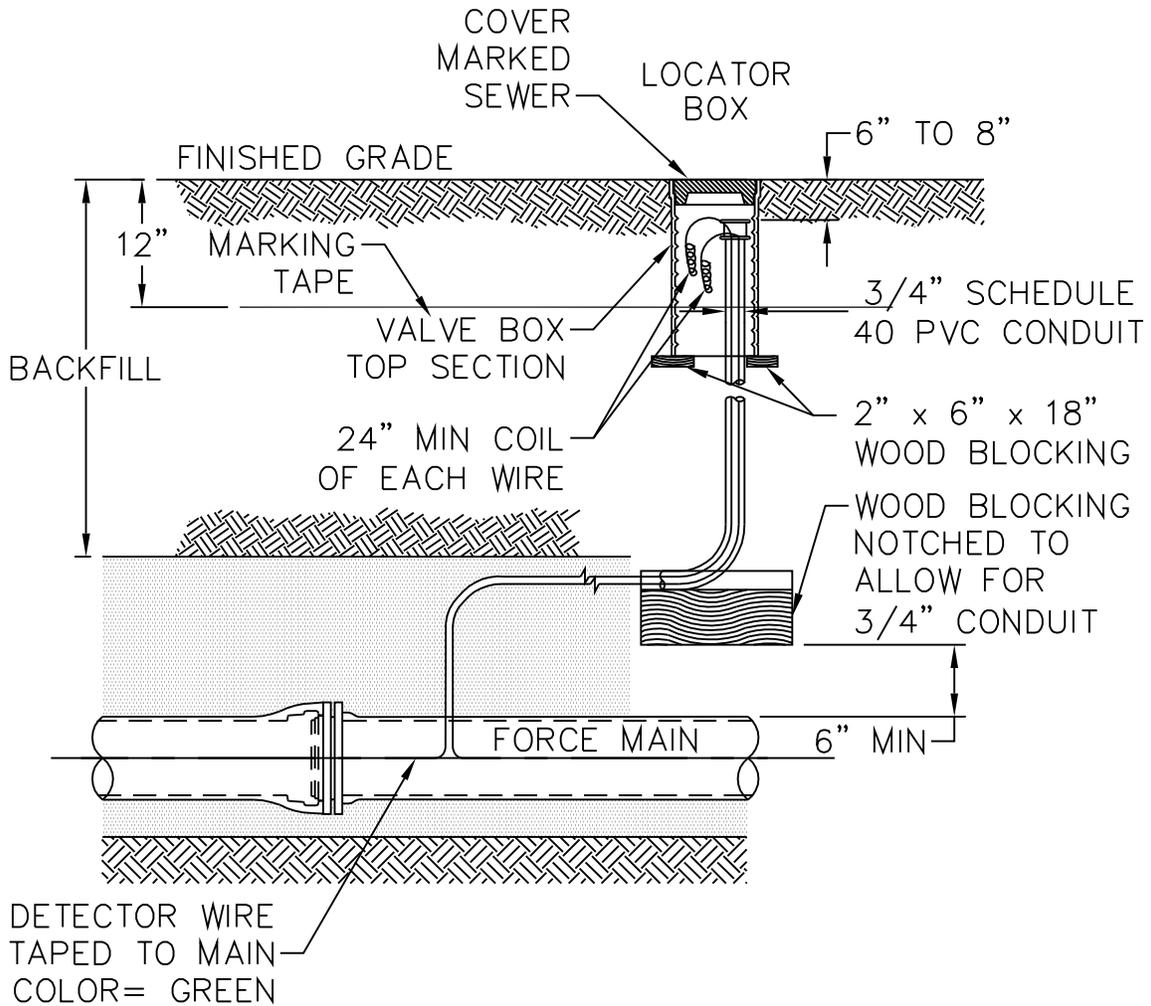


- SPACING:
1. AT EVERY HYDRANT
  2. 1000 FT. MAXIMUM
  3. AS DIRECTED BY CITY UTILITY SUPERINTENDANT



## DETECTOR WIRE & LOCATION BOX WATER MAIN

REVISED: AUGUST, 2003



SPACING:

1. 1000 FT. MAXIMUM
2. AS DIRECTED BY CITY UTILITY SUPERINTENDENT

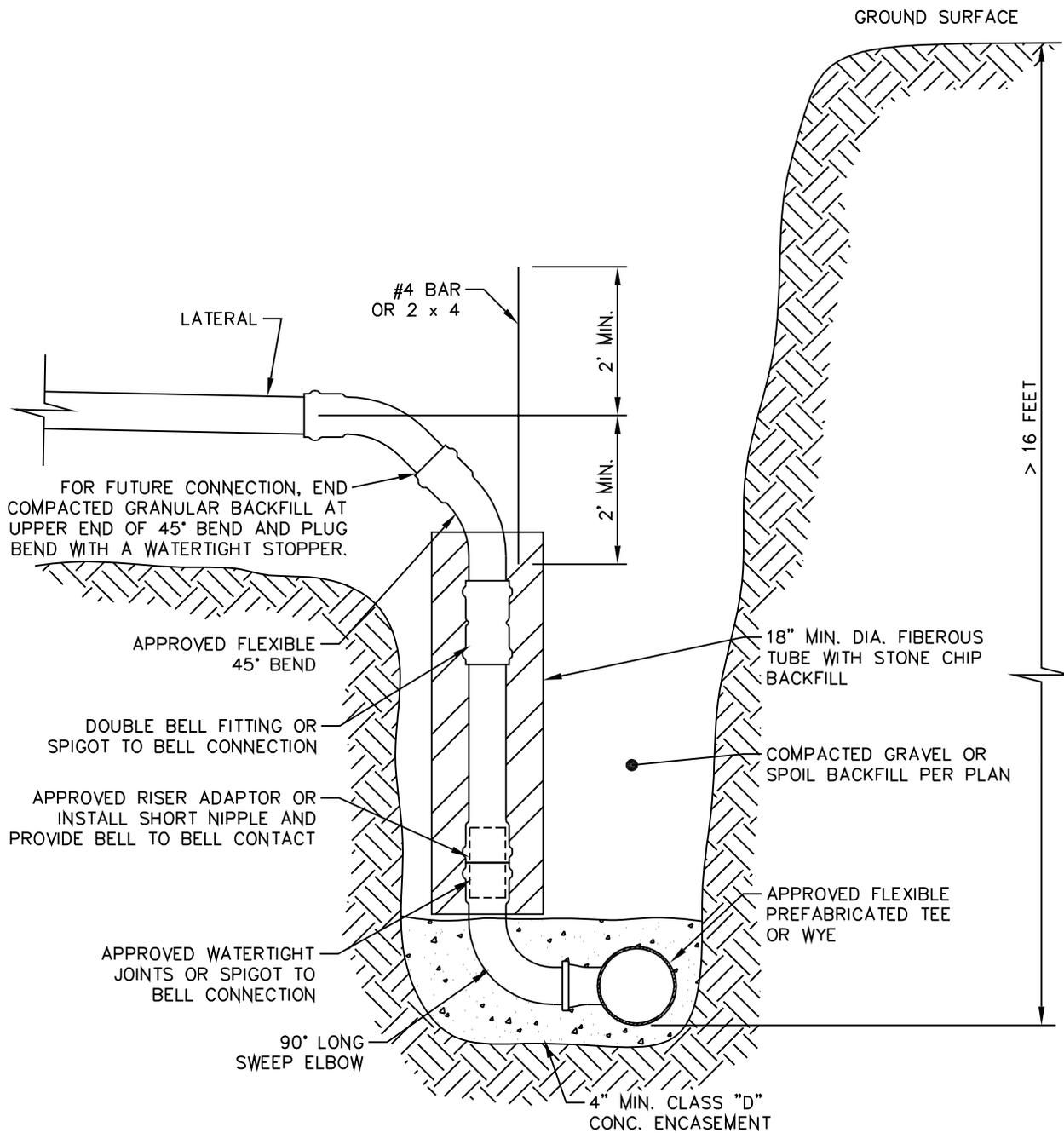


**DETECTOR WIRE & LOCATION BOX  
FORCE MAIN OR PRESSURE SEWER**

REVISED: AUGUST, 2003

#5A





**RISER DETAIL- 90 DEGREE  
FLEXIBLE RISER TO FLEXIBLE MAIN  
GREATER THAN 16 FEET DEEP**

REVISED: August, 2003

D.I. FROST SLEEVE (NEENAH R-1977 OR APPROVED EQUAL)

THREADED COUPLING & RECESSED CAP

6" PVC PIPE (ASTM D3034 SDR 35)

6"X6"X6" WYE

FIN. GRADE

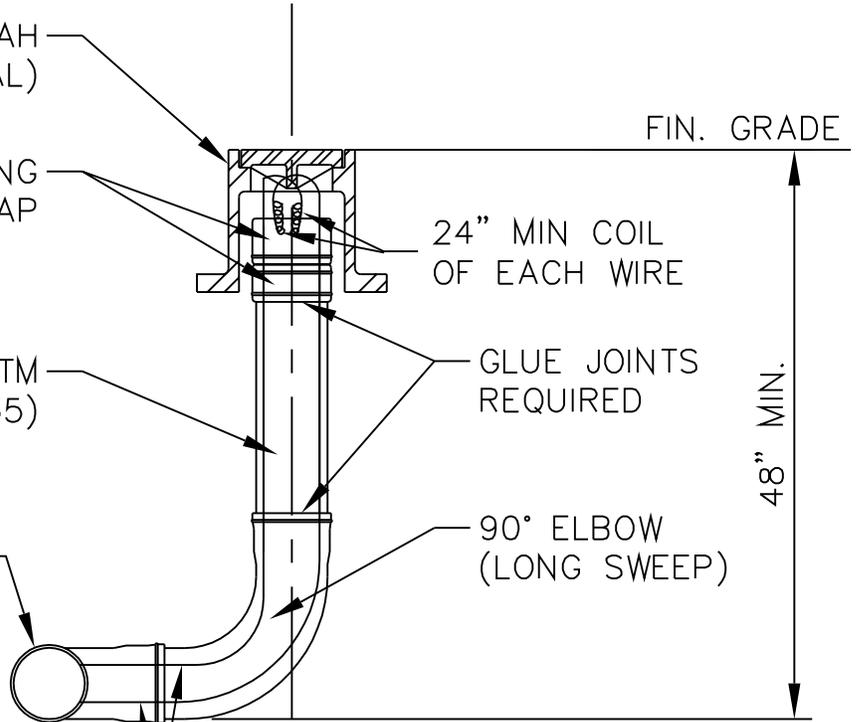
24" MIN COIL OF EACH WIRE

GLUE JOINTS REQUIRED

90° ELBOW (LONG SWEEP)

48" MIN.

DETECTOR WIRE TAPED TO MAIN COLOR=GREEN



### SUMP LINE INLINE CLEANOUT

REVISED: AUGUST, 2003

#6A

D.I. FROST SLEEVE (NEENAH R-1977 OR APPROVED EQUAL)

THREADED COUPLING & RECESSED CAP

6" PVC PIPE (ASTM D3034 SDR 35)

24" MIN COIL OF EACH WIRE

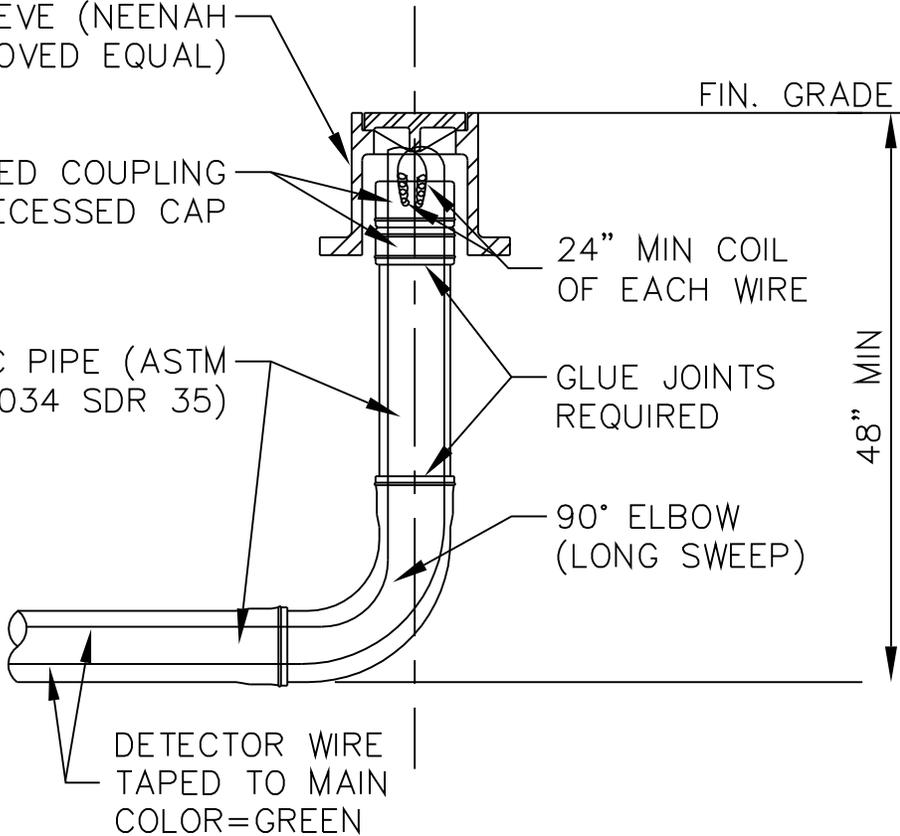
GLUE JOINTS REQUIRED

90° ELBOW (LONG SWEEP)

DETECTOR WIRE TAPED TO MAIN COLOR=GREEN

FIN. GRADE

48" MIN



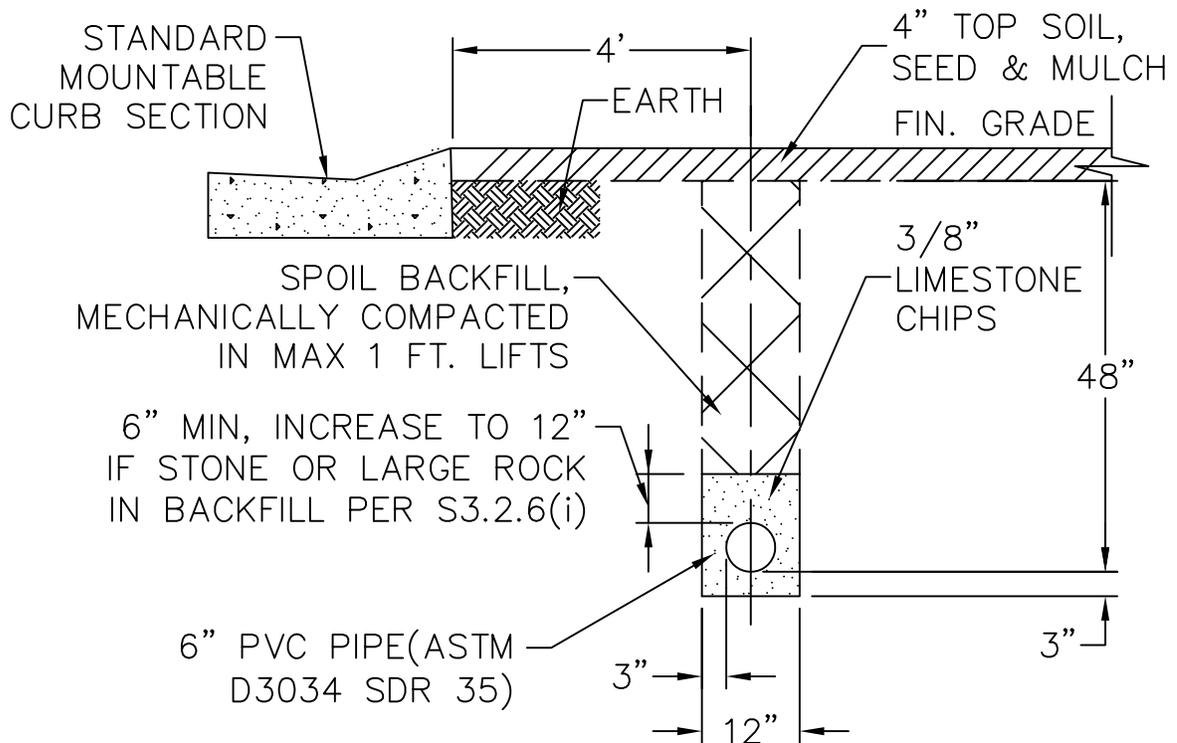
NOTE ALL PIPES MUST HAVE PITCH TO THE INLET OR MANHOLE. INSULATION AS PER COMM 82 IS REQUIRED WHEN THE 48 IN. BURY DEPTH CAN'T BE ACHIEVED. ANY INSTALLATION LESS THEN 48 IN. MUST BE APPROVED BY THE CITY BEFORE CONSTRUCTION.



### SUMP LINE END OF LINE CLEANOUT

REVISED: August, 2003

#6B



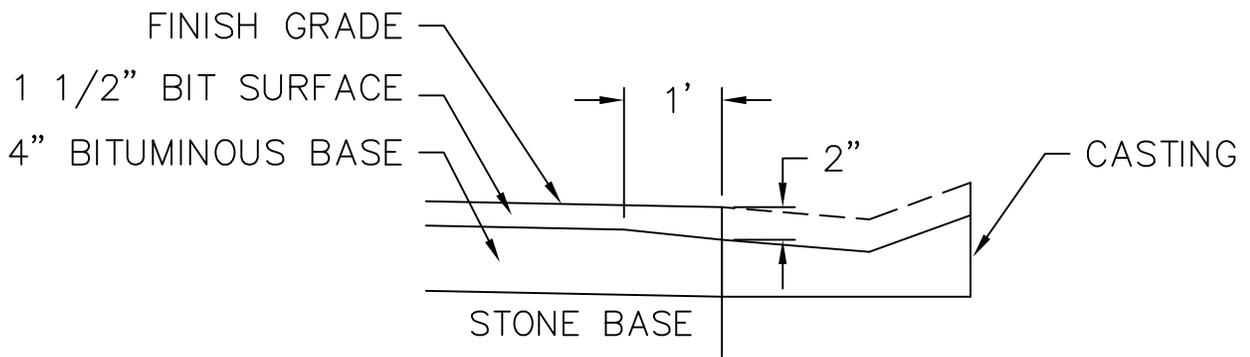
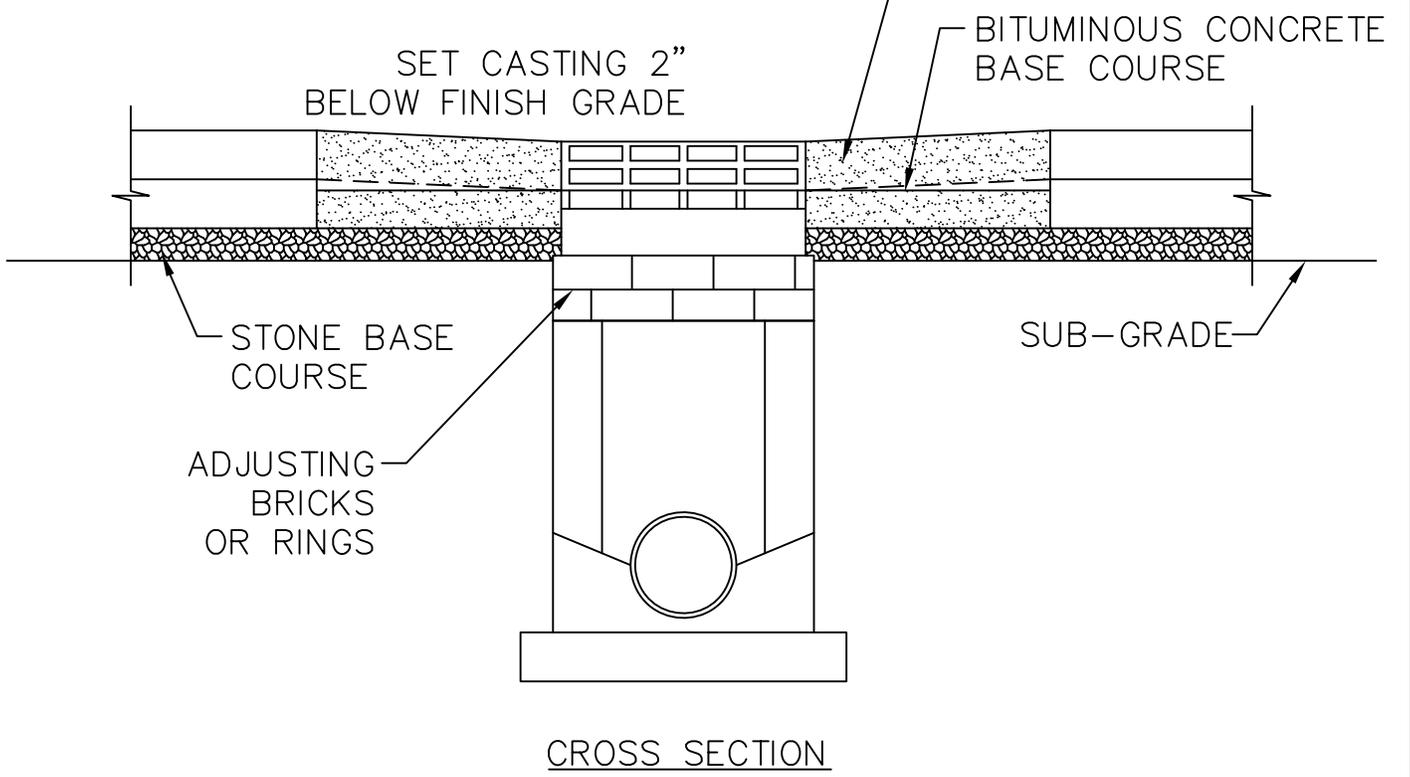
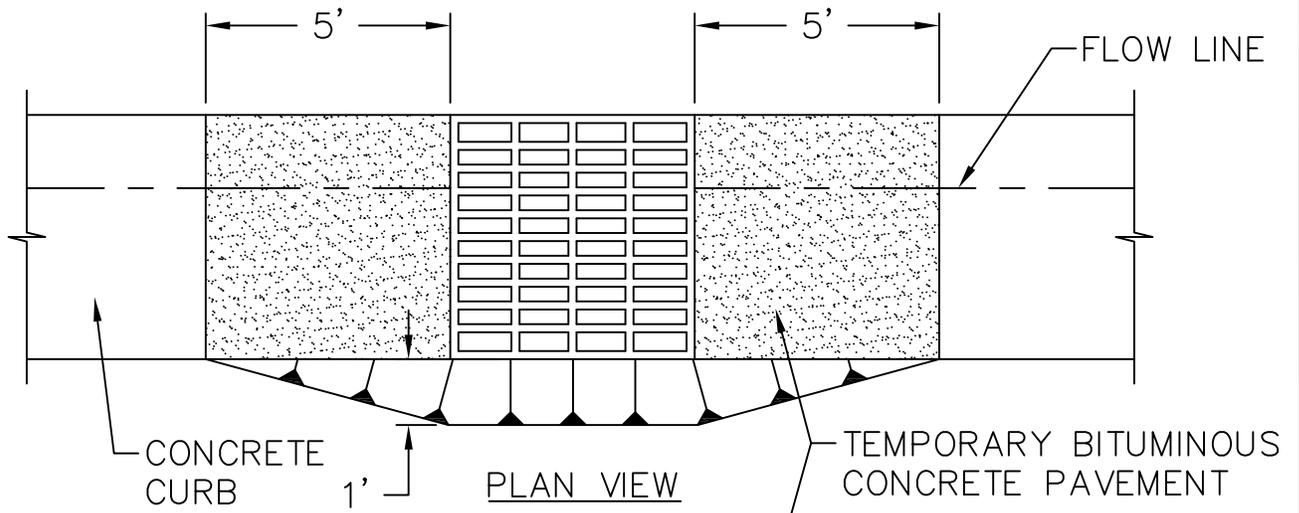
NOTE DETECTOR WIRE REQUIRED COLOR=GREEN

NOTE ALL PIPES MUST HAVE PITCH TO THE INLET OR MANHOLE. INSULATION AS PER COMM 82 IS REQUIRED WHEN THE 48 IN. BURY DEPTH CAN'T BE ACHIEVED. ANY INSTALLATION LESS THEN 48 IN. MUST BE APPROVED BY THE CITY BEFORE CONSTRUCTION.



## SUMP LINE SECTION

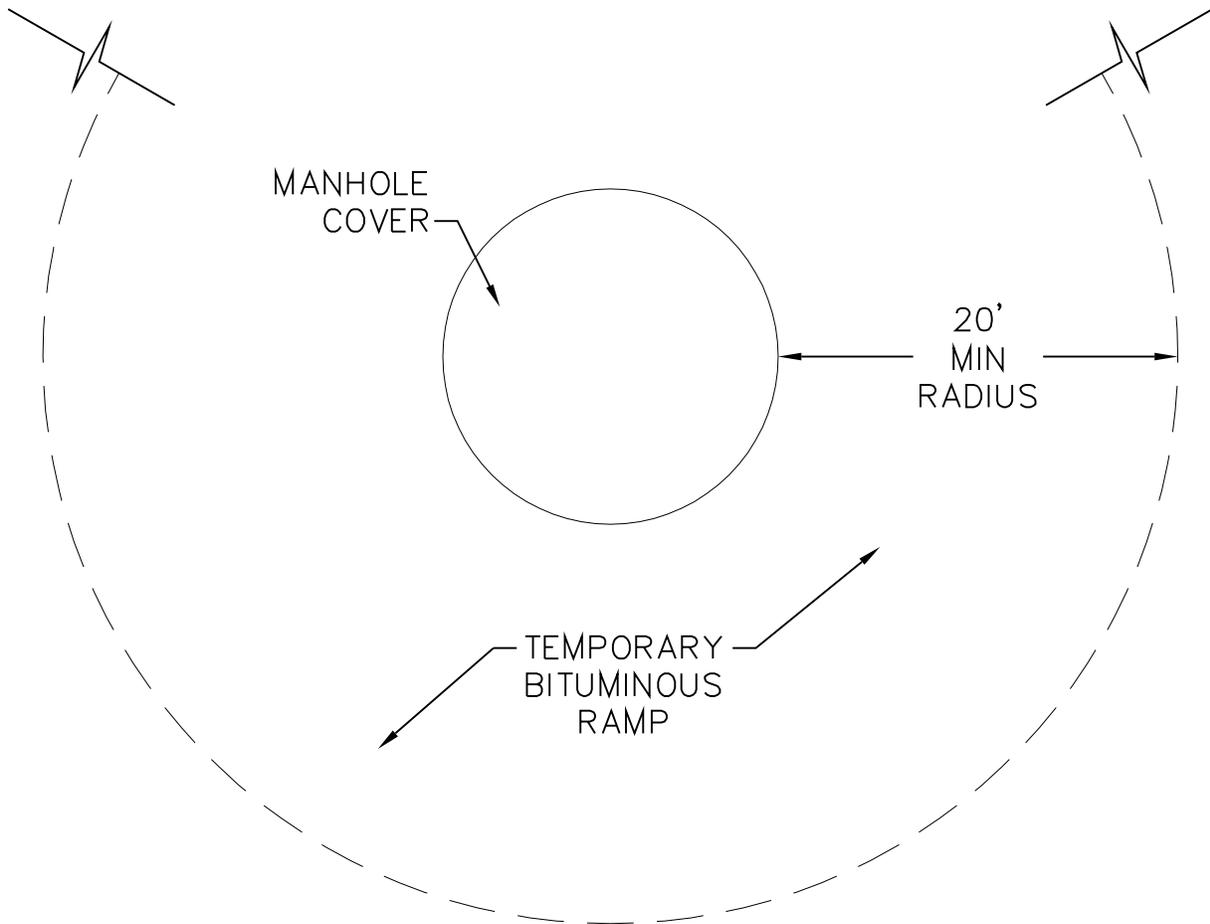
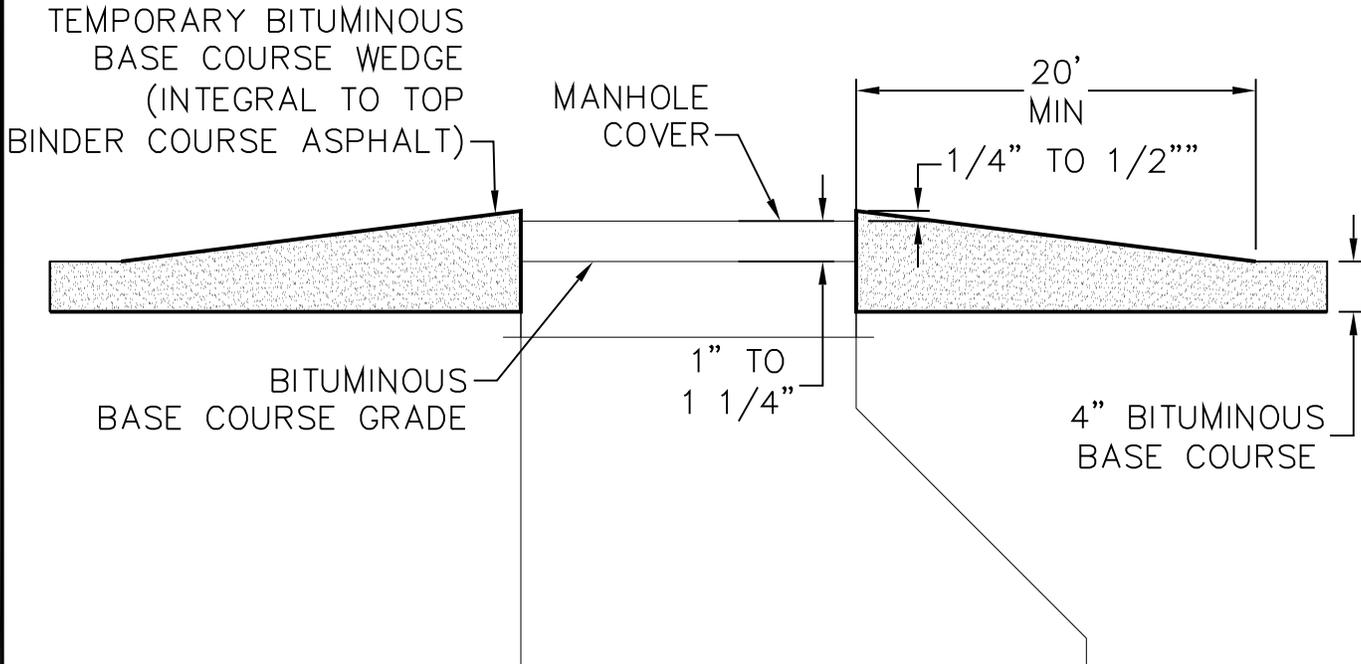
REVISED: OCTOBER, 2014



**INTERIM PAVEMENT INLET**



REVISED: OCTOBER, 2014



**TEMPORARY MANHOLE RAMP DETAIL**

REVISED: JANUARY, 2002

#7B



### INTERIM PAVEMENT CROSS SECTION

REVISED: OCTOBER, 2014

