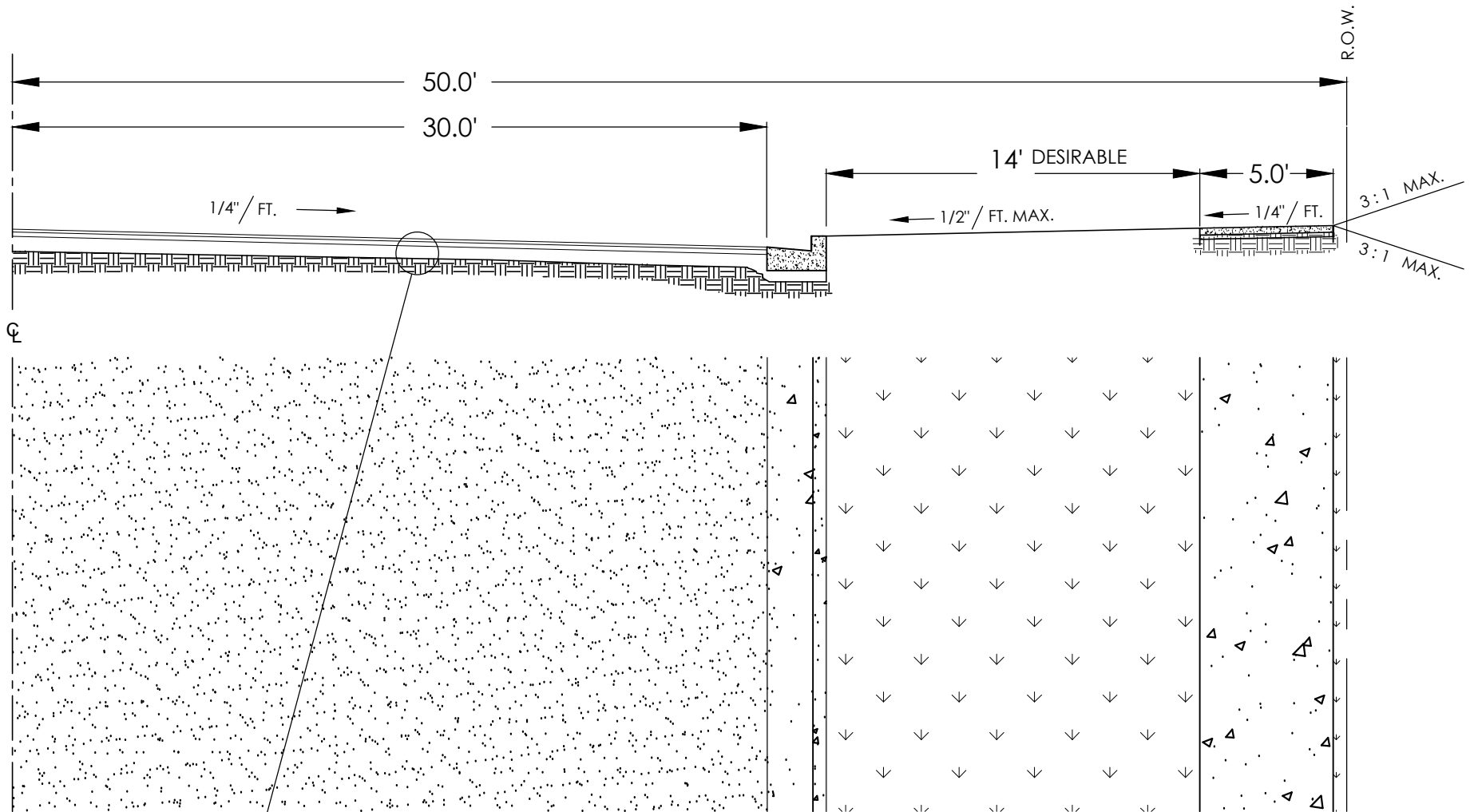

APPENDIX A

STREET STANDARDS GRAPHICS

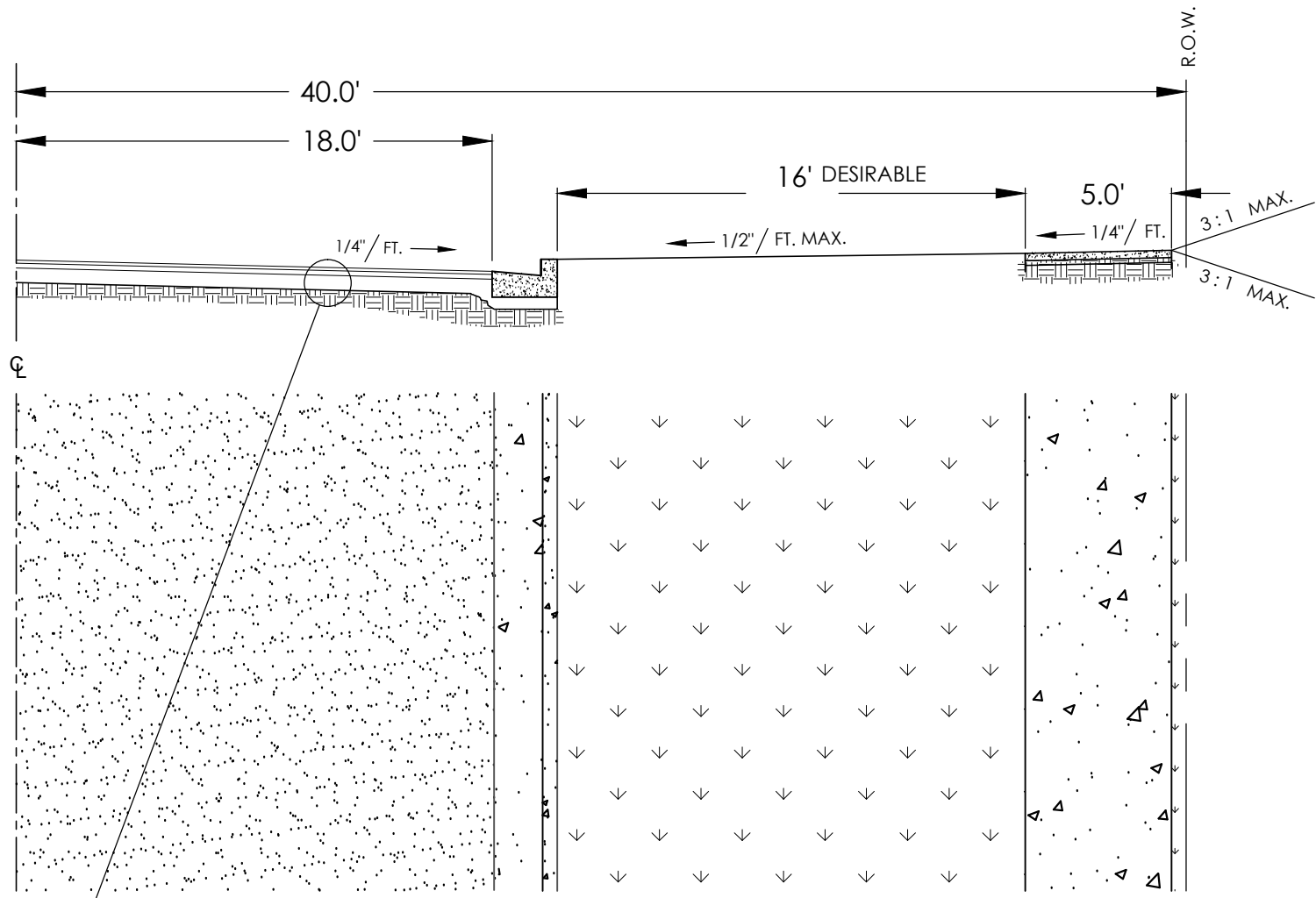


City-County Planning Commission

1141 STATE STREET
BOWLING GREEN, KENTUCKY 42101

PHONE (270) 842-1953
FAX (270) 842-1282

Road Cross-Section



MAJOR COLLECTOR

PAVEMENT DESIGN DETERMINED
BY PROCEDURES IN APPENDIX F

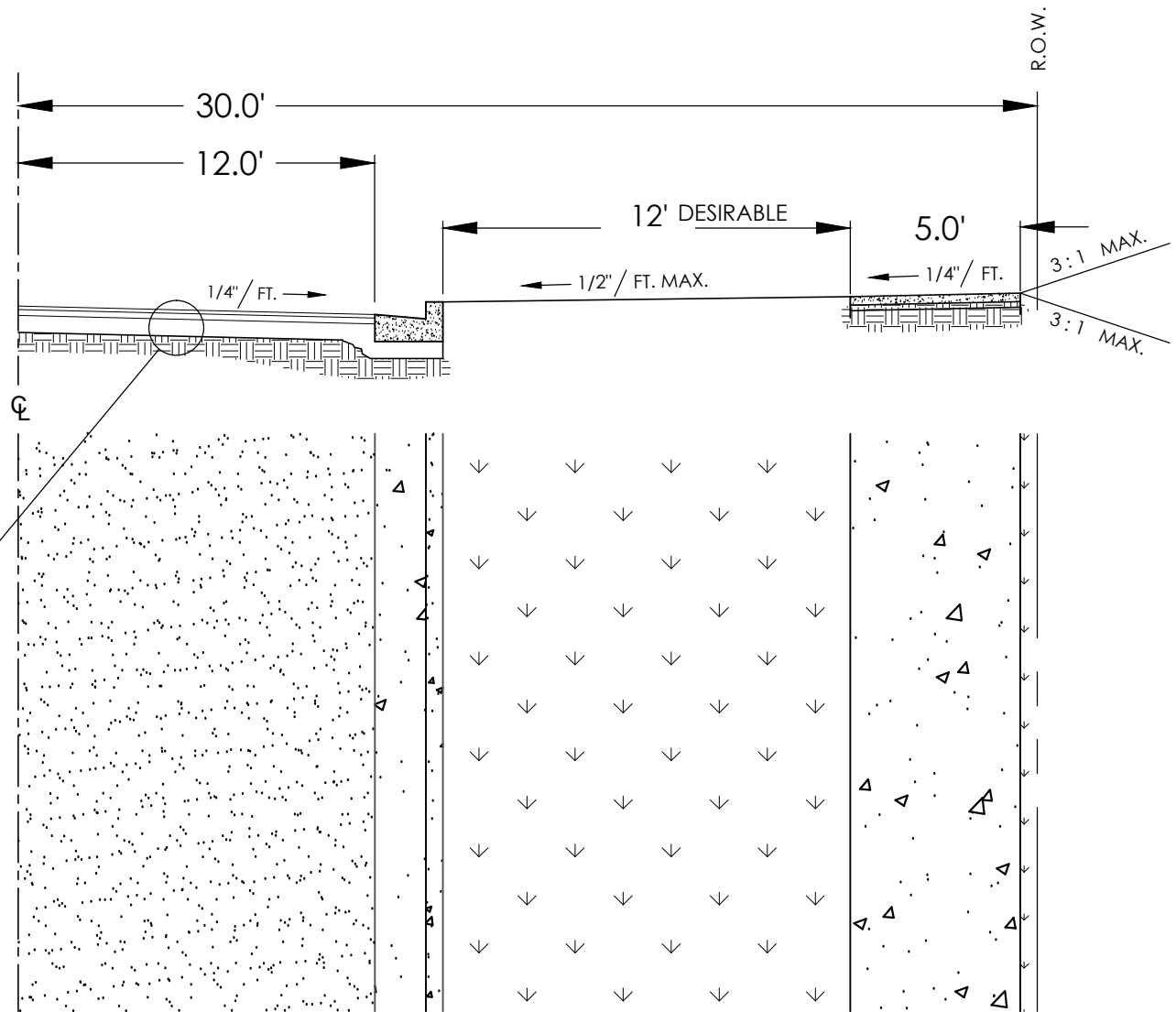
City-County Planning Commission

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PHONE (270) 842-1953
FAX (270) 842-1282

Road Cross-Section

PAVEMENT DESIGN DETERMINED
BY PROCEDURES IN APPENDIX F



MINOR COLLECTOR

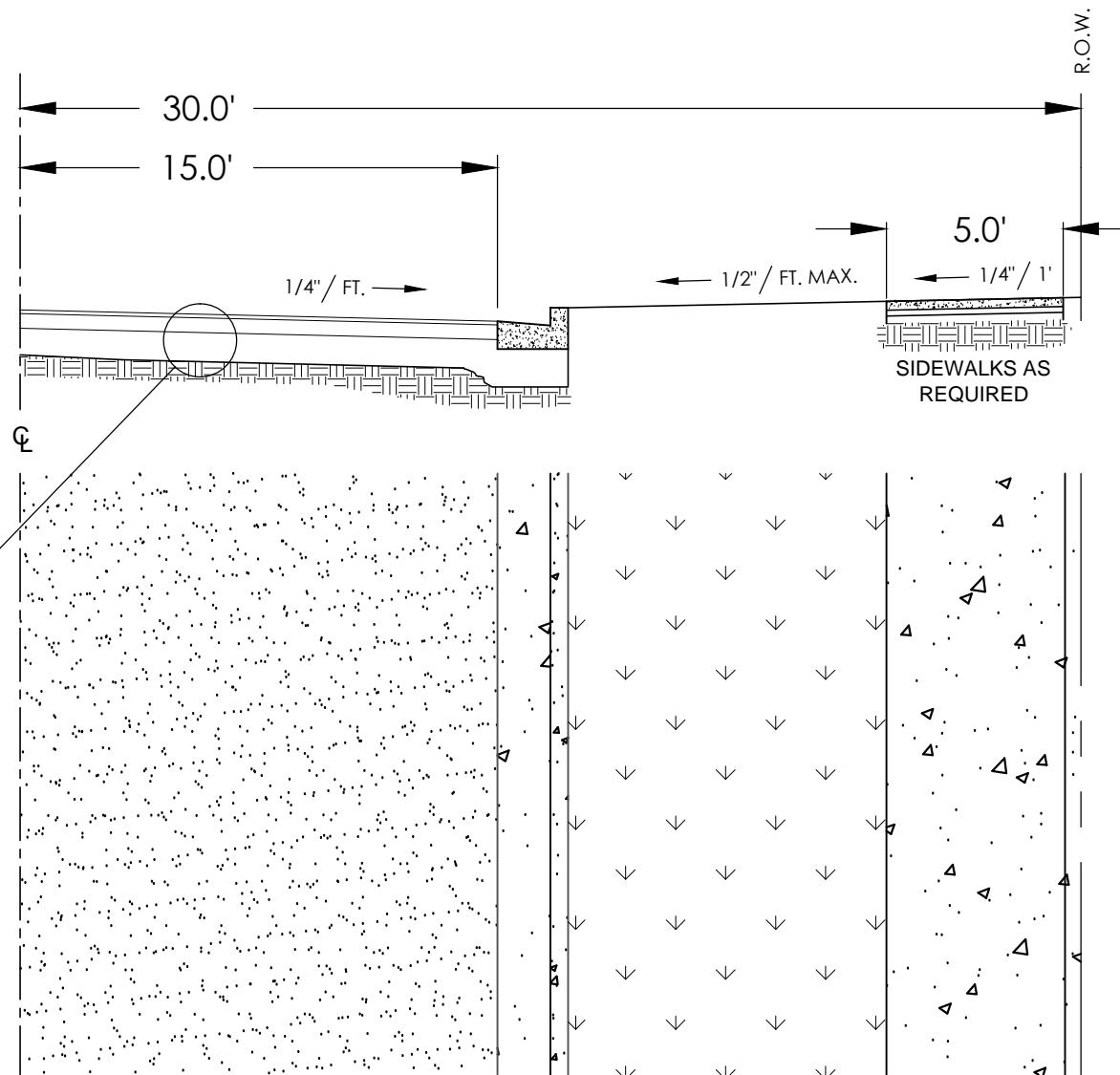
City-County Planning Commission

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Road Cross-Section

PAVEMENT DESIGN DETERMINED
BY PROCEDURES IN APPENDIX F



COMMERCIAL

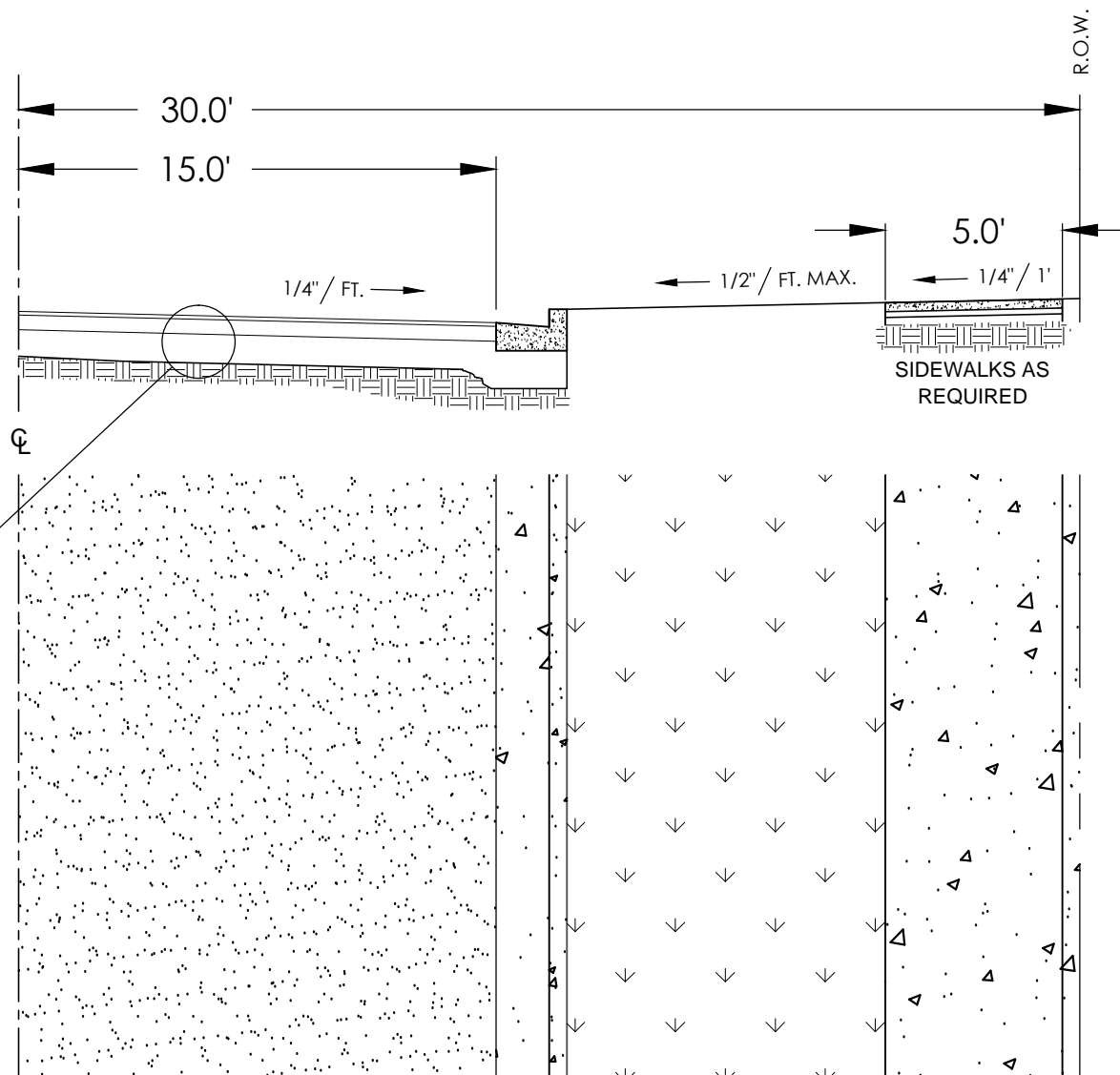
City-County Planning Commission

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PHONE (270) 842-1953
FAX (270) 842-1282

Road Cross-Section

PAVEMENT DESIGN DETERMINED
BY PROCEDURES IN APPENDIX F



INDUSTRIAL

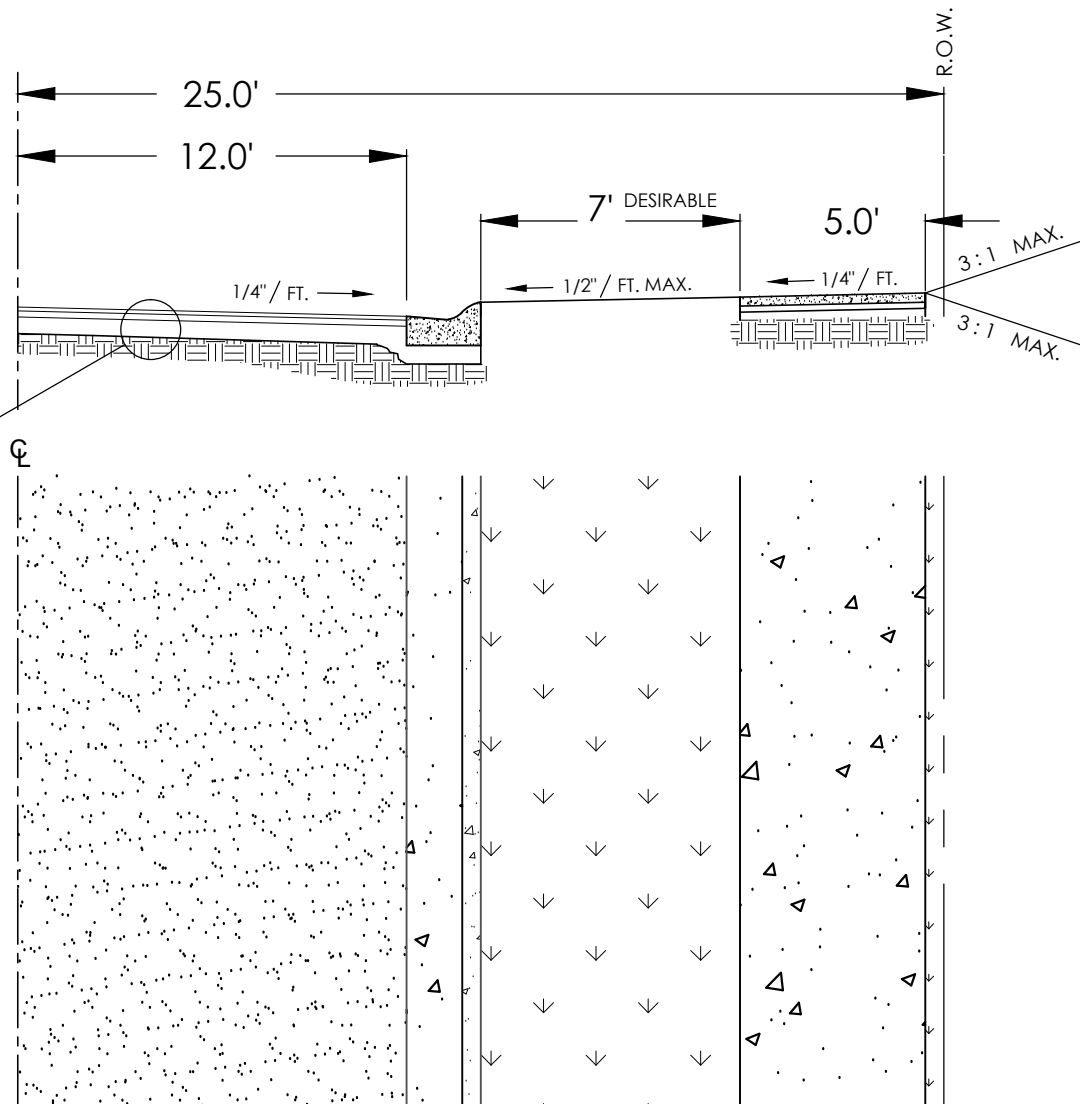
City-County Planning Commission

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FAX (270) 842-1282

Road Cross-Section

PAVEMENT DESIGN DETERMINED
BY PROCEDURES IN APPENDIX F



LOCAL RESIDENTIAL

City-County Planning Commission

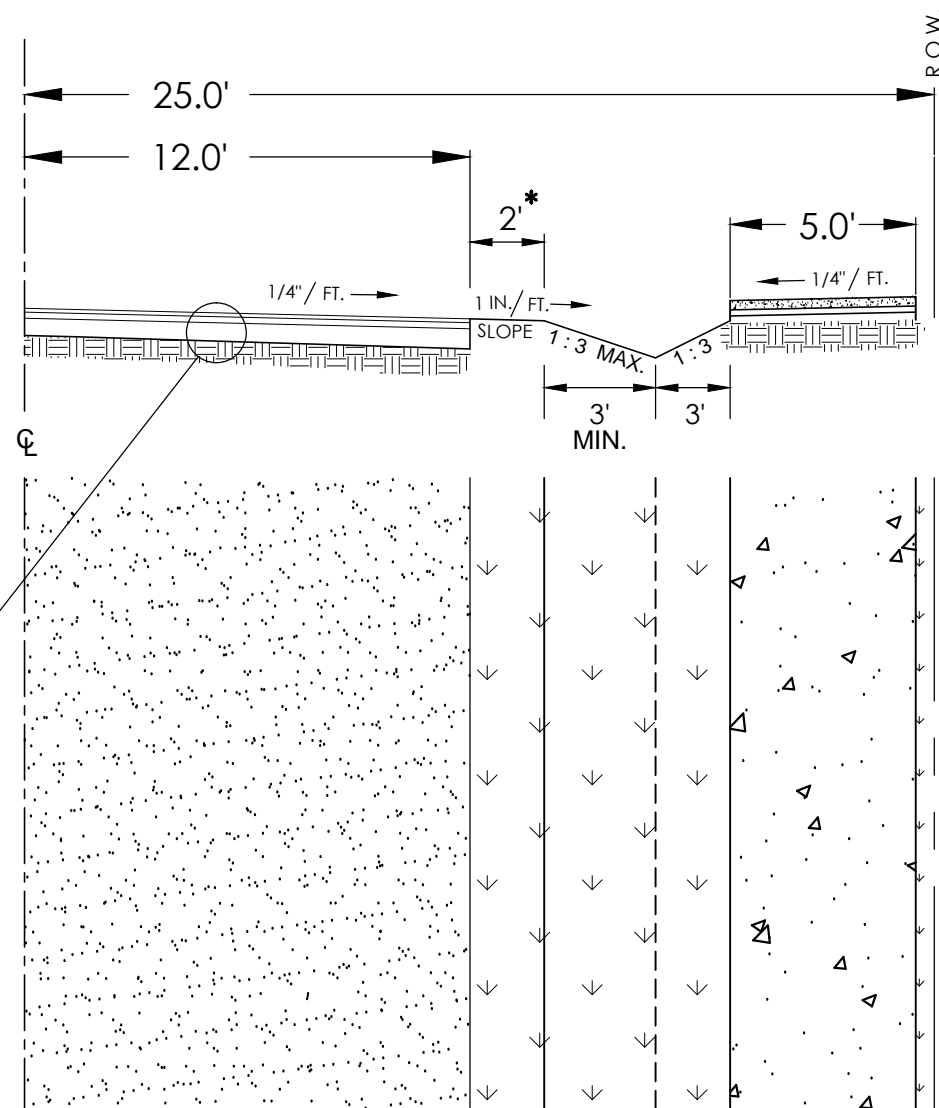
1141 STATE STREET
BOWLING GREEN, KENTUCKY 42101

PHONE (270) 842-1953
FAX (270) 842-1282

Road Cross-Section

* 6' Shoulder required
without sidewalks

PAVEMENT DESIGN DETERMINED
BY PROCEDURES IN APPENDIX F



LOCAL RESIDENTIAL (NO CURBS)

City-County Planning Commission

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FAX (270) 842-1282

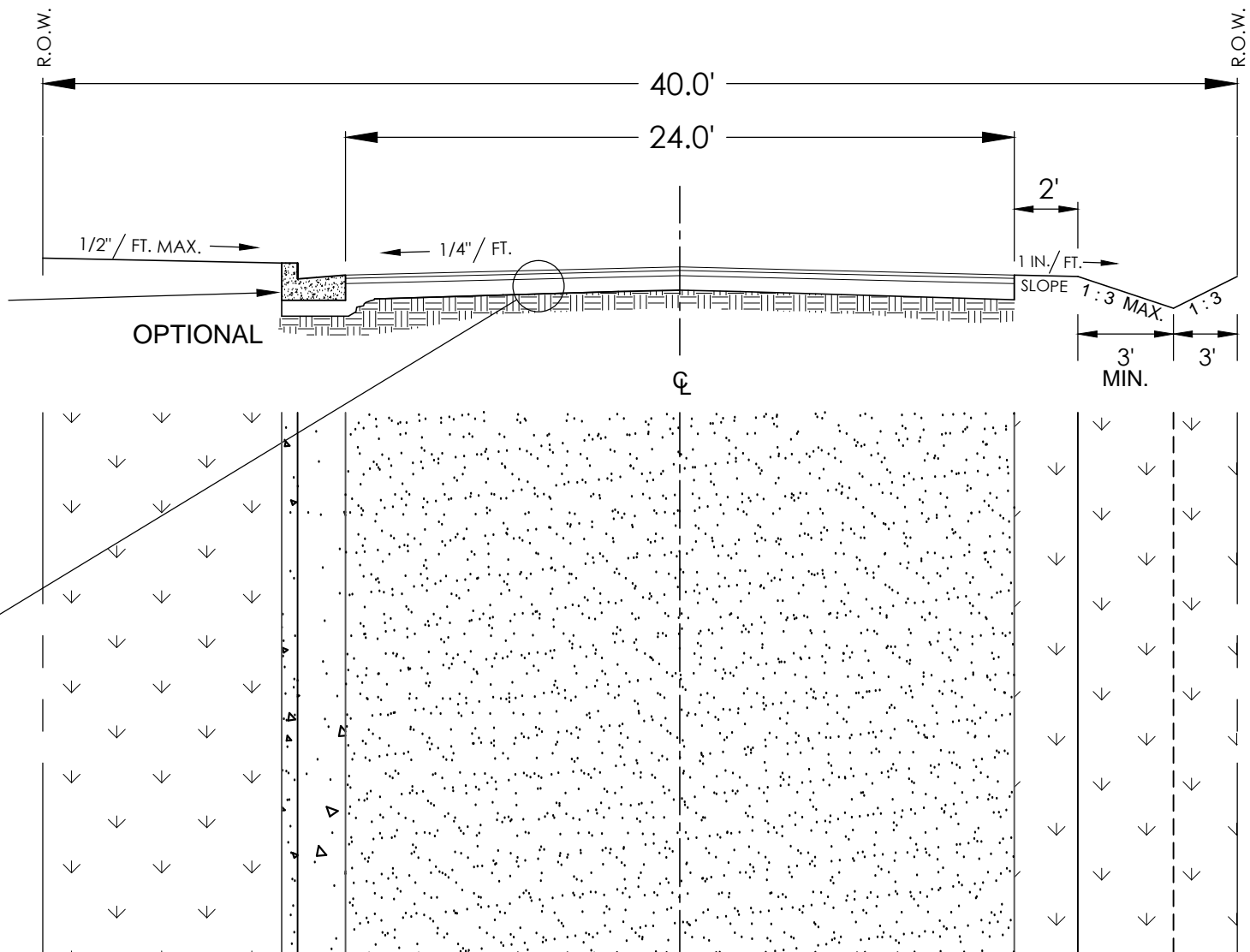
ROAD CROSS-SECTION

Note:
Standard Curb and
Gutter For Commercial
and Industrial Use.

Valley Type Curb and
Gutter For Residential
Use.

OPTIONAL

PAVEMENT DESIGN
DETERMINED BY
PROCEDURES IN
APPENDIX F



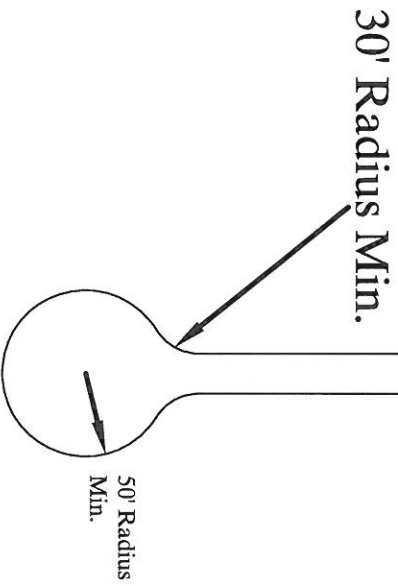
FRONTAGE

City-County Planning Commission

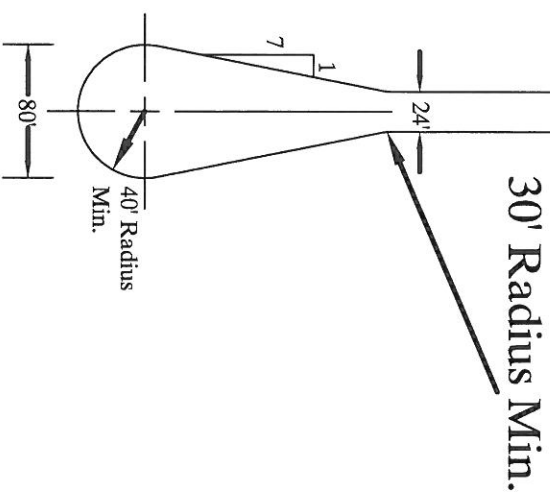
1141 STATE STREET
BOWLING GREEN, KENTUCKY 42101

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FAX (270) 842-1282

Road Cross-Section



50 ft Radius
Cul-De-Sac



40 ft Radius
Cul-De-Sac with taper



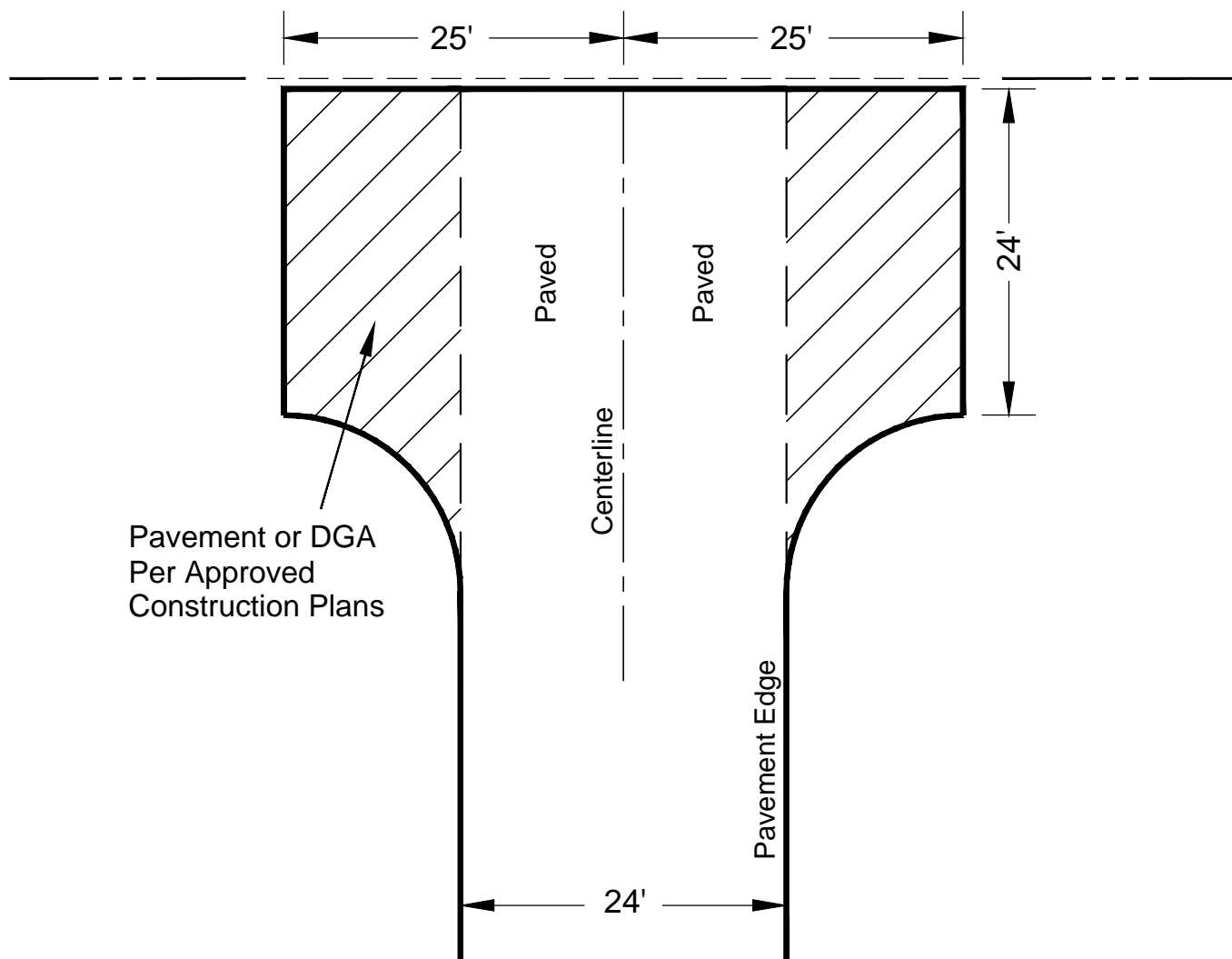
CITY OF BOWLING GREEN

PUBLIC WORKS DEPARTMENT

Cul-De-Sac Layouts
Subdivision Regulations

SHEET 00 OF 00
JOB NO. 00-0000 SCALE N.T.S. DATE 00/00/00

Stub Street Hammerhead Turnaround



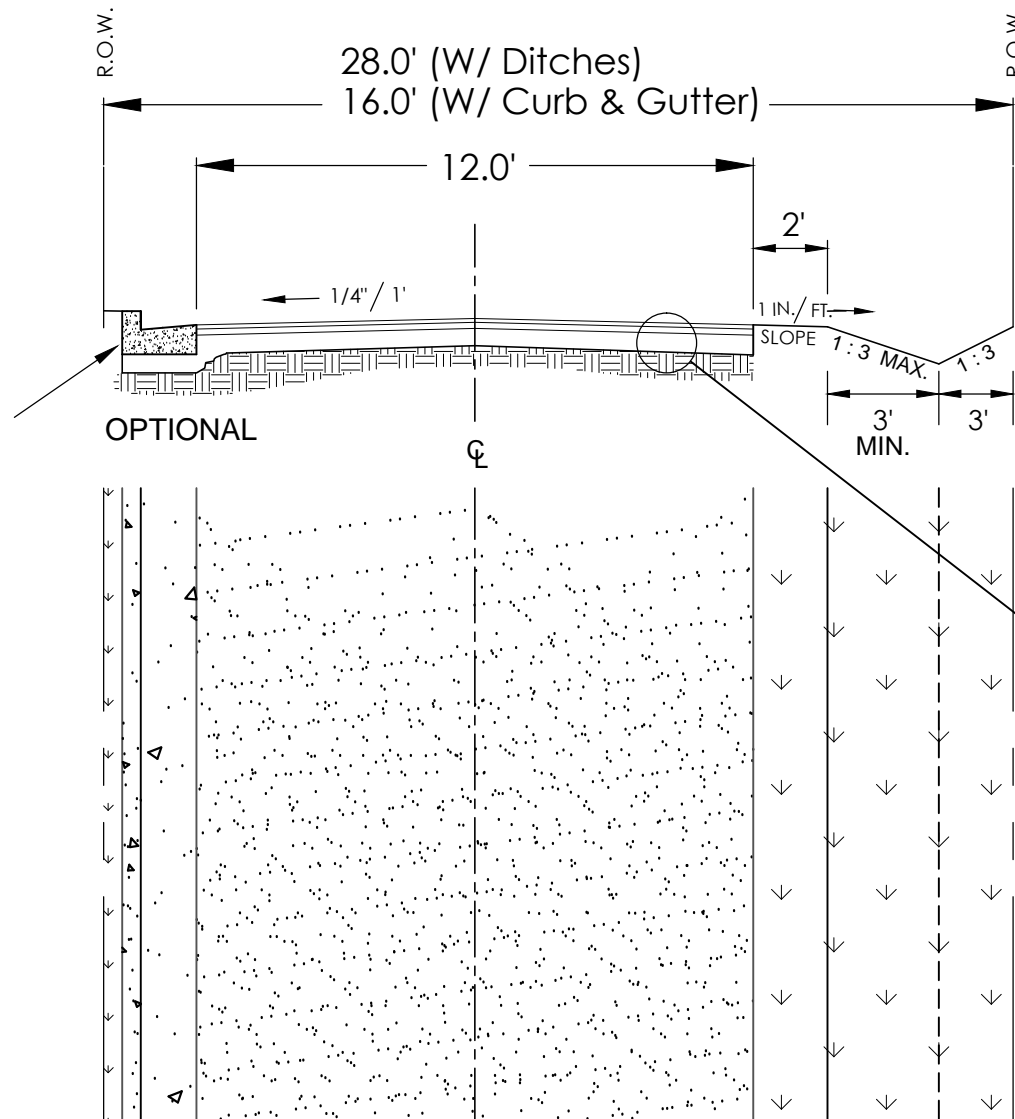
City-County Planning Commission

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BOWLING GREEN, KENTUCKY 42101

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Note:
Standard Curb and
Gutter For Commercial
and Industrial Use.

Valley Type Curb and
Gutter For Residential
Use.



PAVEMENT DESIGN DETERMINED
BY PROCEDURES IN APPENDIX F

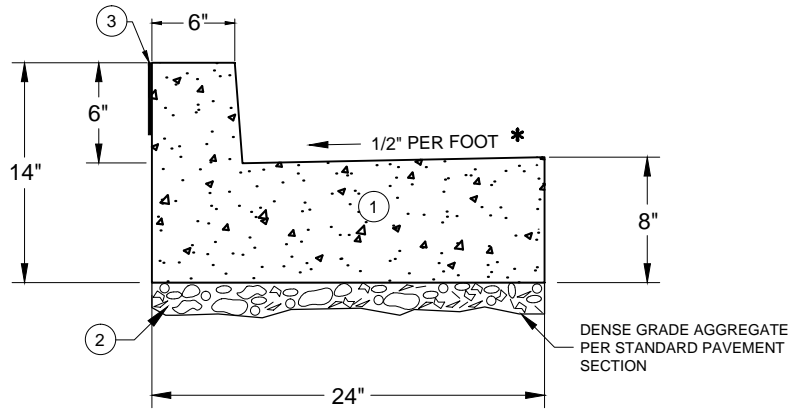
ALLEY

City-County Planning Commission

1141 STATE STREET
BOWLING GREEN, KENTUCKY 42101

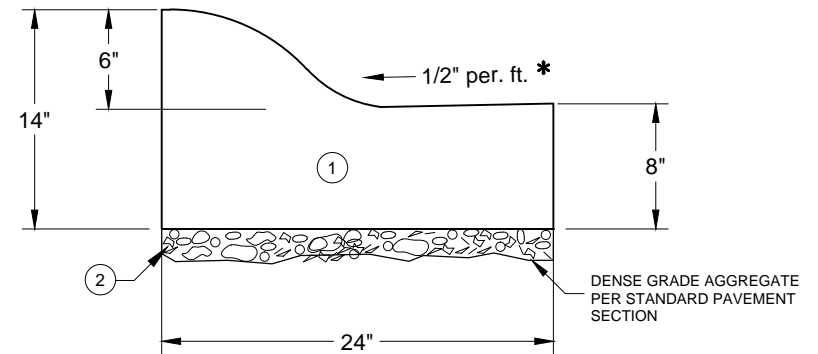
PHONE (270) 842-1953
FAX (270) 842-1282

Road Cross-Section



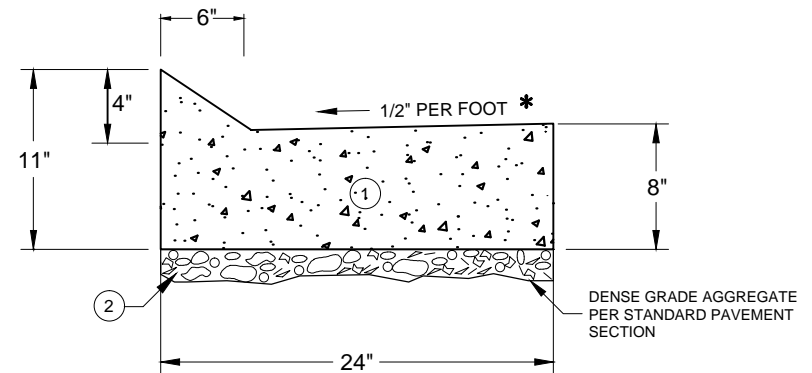
TYPICAL SECTION

STANDARD CURB AND GUTTER



TYPICAL SECTION

ROLL TYPE CURB AND GUTTER



TYPICAL SECTION

VALLEY TYPE CURB AND GUTTER (LIP CURB AND GUTTER)

NOTES

- ① ALL CONCRETE SHALL BE K.D.O.H. CLASS "A" CONCRETE.
EXPANSION JOINTS ARE REQUIRED AT A MINIMUM OF 50' INTERVALS.
CONTRACTION JOINTS ARE REQUIRED AT A MINIMUM OF 10' INTERVALS.
- ② 2" MINIMUM LIFT OF COMPACTED DENSE GRADE AGGREGATE
- ③ EXPANSION JOINT SHALL BE USED WHEN SIDEWALK / DRIVE
ENTRANCE IS FLUSH TO BACK OF CURB.

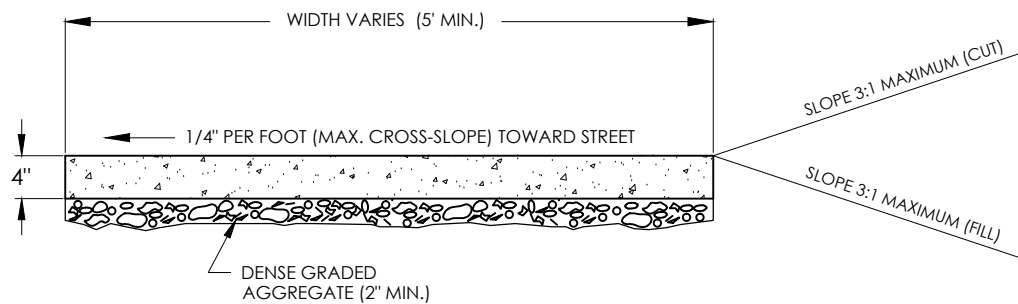
* OR MATCH EXISTING CROSS SLOPE
IF IT EXCEEDS 1/2" PER FT.

City-County Planning Commission

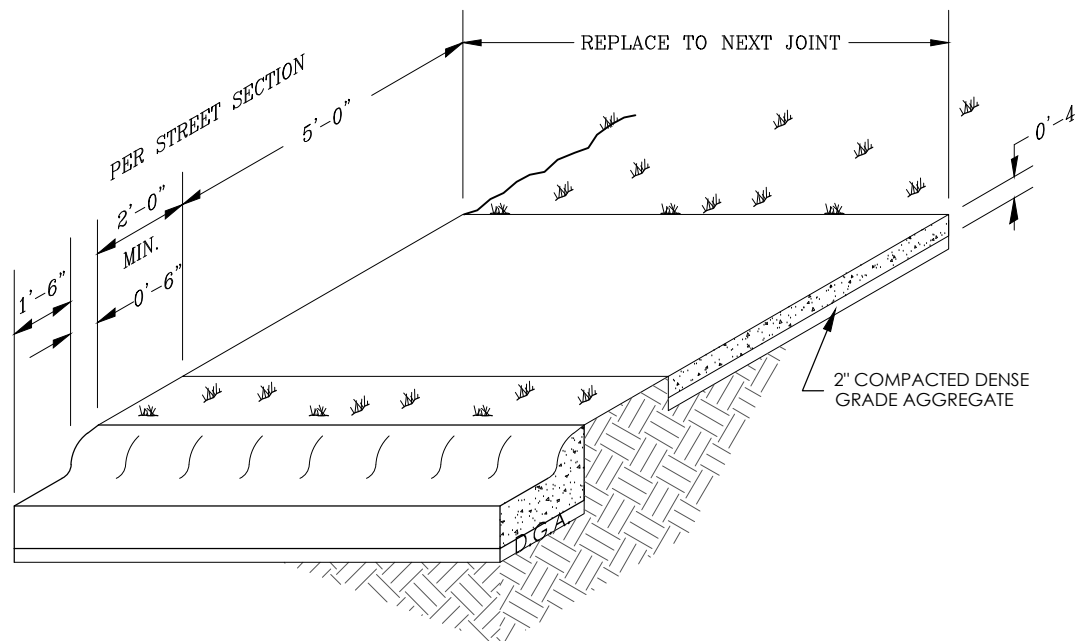
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FAX (270) 842-1282

Curb and Gutter Cross-Section



SIDEWALK DETAIL
(TYPICAL SECTION)
(N.T.S)



NOTES

ALL CONCRETE SHALL BE K.D.O.H. CLASS "A"

DENSE GRADED AGGREGATE SHALL BE COMPACTED PRIOR TO PLACEMENT OF CONCRETE.

CONTRACTION JOINTS SHALL BE PLACED AT FIVE (5) FOOT INTERVALS.

EXPANSION JOINTS SHALL BE PLACED AT FIFTY (50) FOOT INTERVALS AND ALONG ALL EDGES BUTTED NEXT TO FIXED OBJECTS.

MAXIMUM SLOPE ACROSS BUFFER STRIP SHALL BE 1/2" PER FOOT TOWARD ROAD.

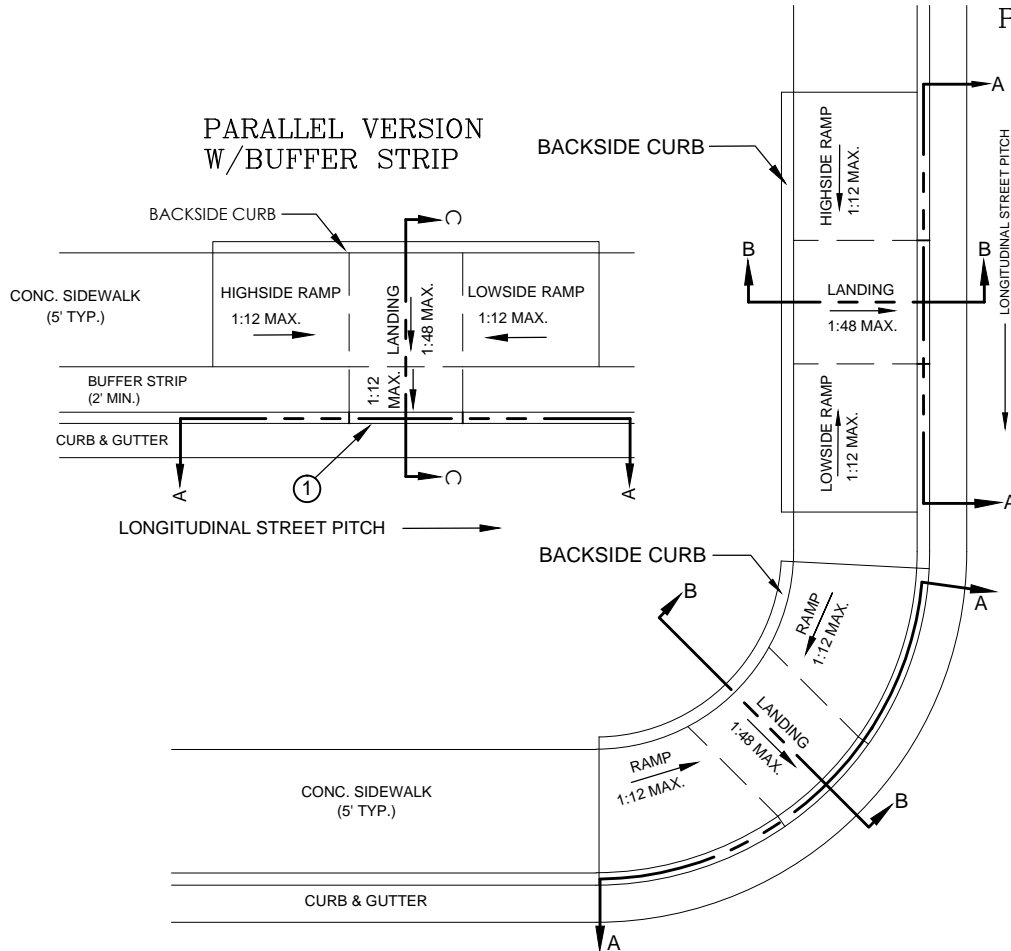
DRIVEWAY CROSSINGS REQUIRE APRON SECTION

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FAX (270) 842-1282

Standard Sidewalk/Curb & Gutter



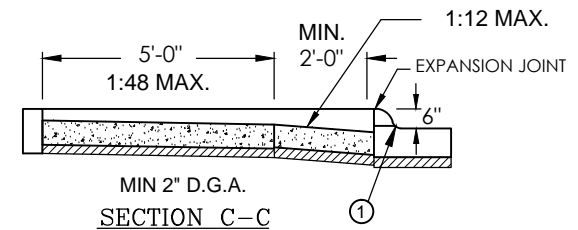
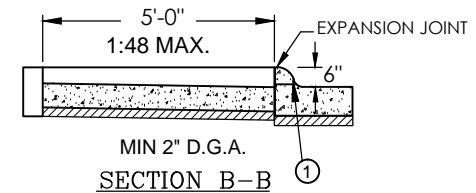
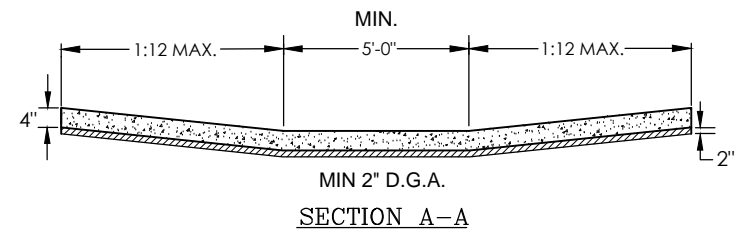
DIAGONAL VERSION

NOTE: USE TWO RAMPS AT EACH CROSSING
ON LARGE RADIUS CURVES

SIDEWALK RAMPS REQUIRED AT CROSS STREETS
AND ALL FOUR LEGS OF MAJOR INTERSECTIONS

- ① TRANSITION FROM RAMP TO GUTTER SHALL
NOT EXCEED 1" IN HEIGHT

| STREET PITCH | RAMP LENGTH (1:12) | |
|--------------|--------------------|-----------|
| | LOW SIDE | HIGH SIDE |
| 1% | 5'-6" | 7'-2" |
| 2% | 5'-0" | 8'-4" |
| 3% | 4'-6" | 10'-0" |
| 4% | 4'-2" | 12'-6" |
| 5% | 3'-10" | 16'-8" |

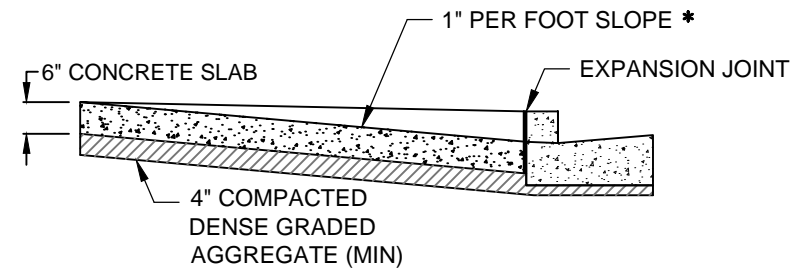
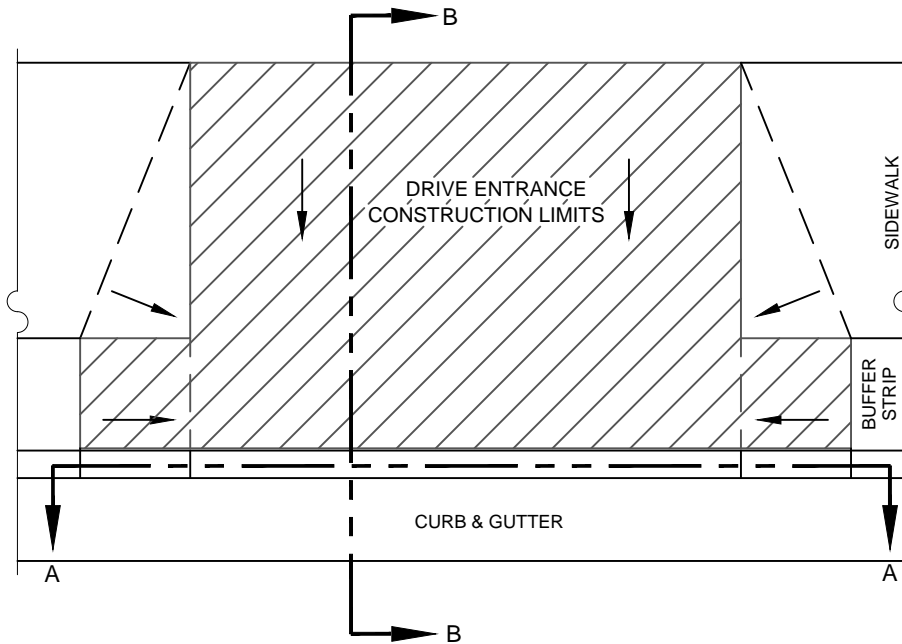


City-County Planning Commission

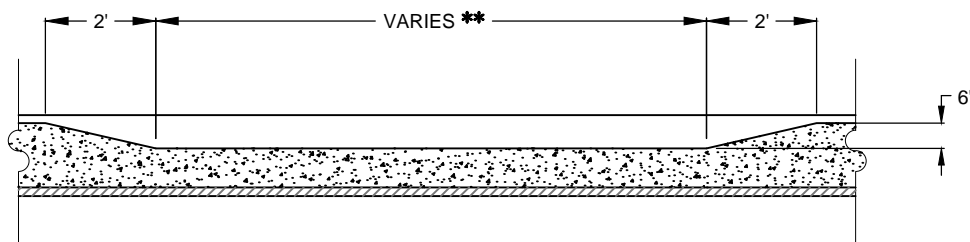
1141 STATE STREET
BOWLING GREEN, KENTUCKY 42101

PHONE (270) 842-1953
FAX (270) 842-1282

Handicap Ramp Detail



SECTION B-B



SECTION A-A

NOTES

ALL CONCRETE SHALL BE K.D.O.H. CLASS "A"

D.G.A. (DENSE GRADE AGGREGATE)
BASE SHALL BE COMPACTED PRIOR
TO PLACEMENT OF CONCRETE

*SLOPE MAY VARY WITH APPROVAL BY
PLANNING COMMISSION STAFF ENGINEER

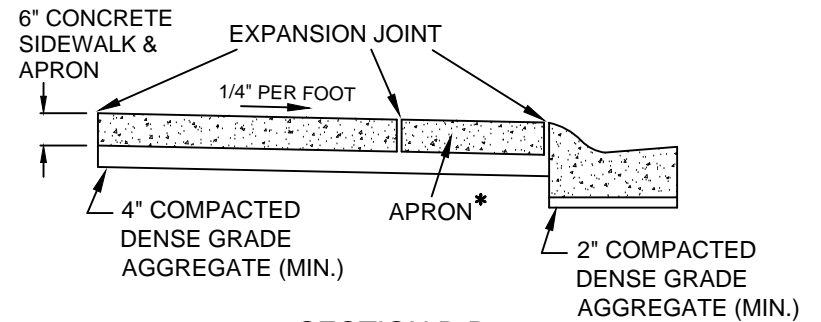
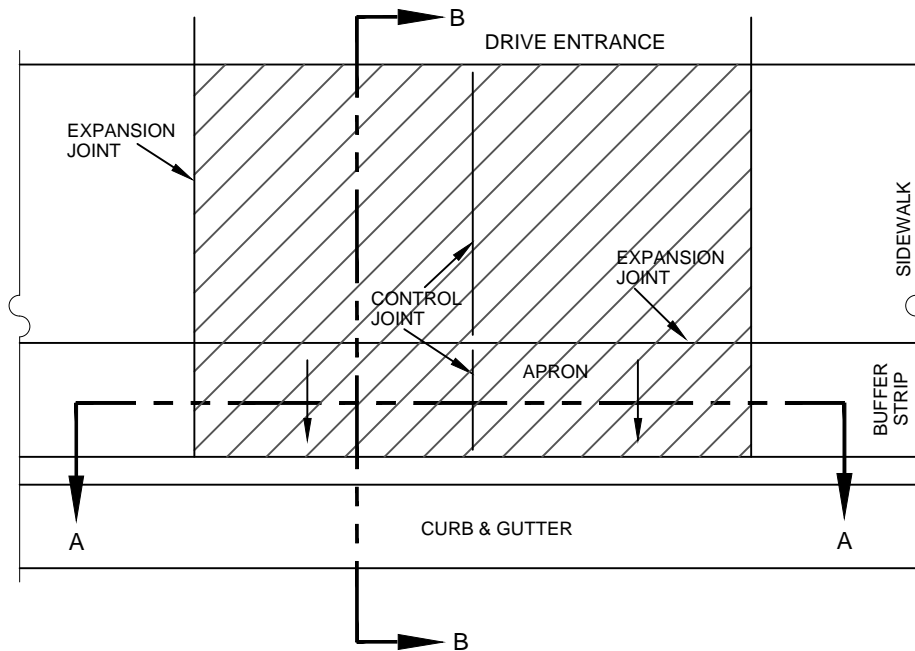
**DRIVE SHALL BE A MAXIMUM OF 30'
MINIMUM OF 10'

City-County Planning Commission

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BOWLING GREEN, KENTUCKY 42101

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Commercial Entrance Apron



SECTION B-B

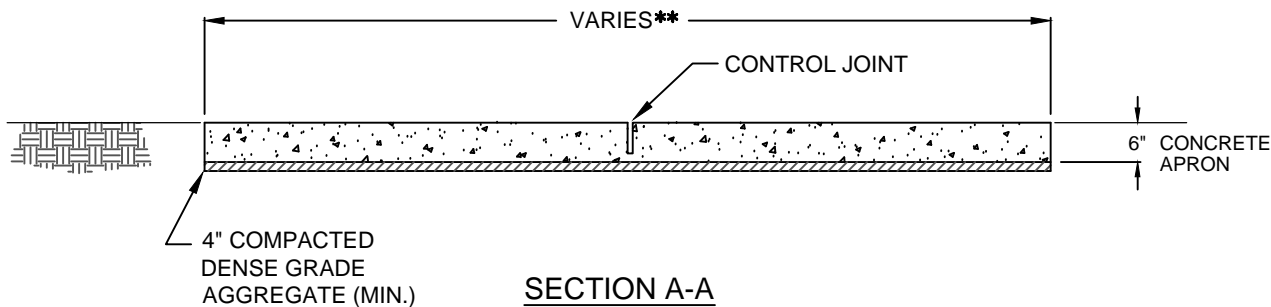
NOTES

ALL CONCRETE SHALL BE K.D.O.H. CLASS "A"

D.G.A. (DENSE GRADE AGGREGATE)
BASE SHALL BE COMPACTED PRIOR
TO PLACEMENT OF CONCRETE

*SLOPE TO MATCH GRADE OF SIDEWALK
& CURB & GUTTER

**DRIVE SHALL BE A MAXIMUM OF 30'
MINIMUM OF 10'



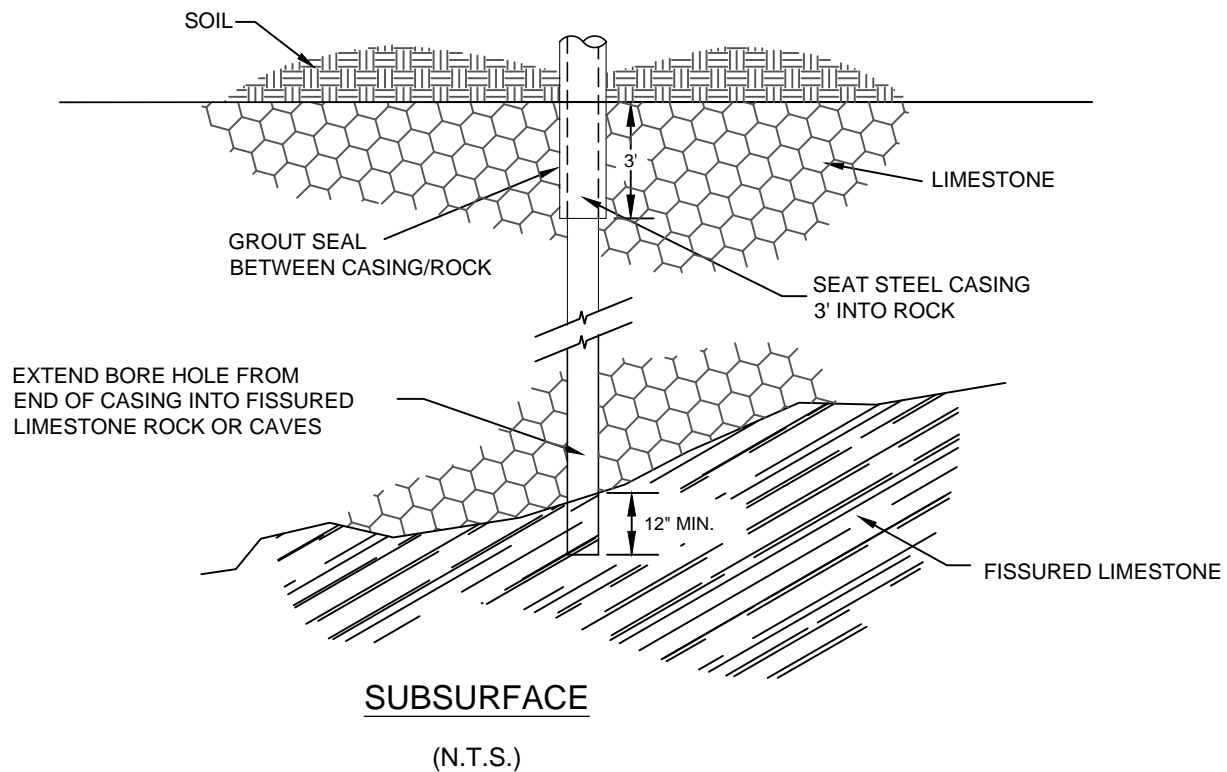
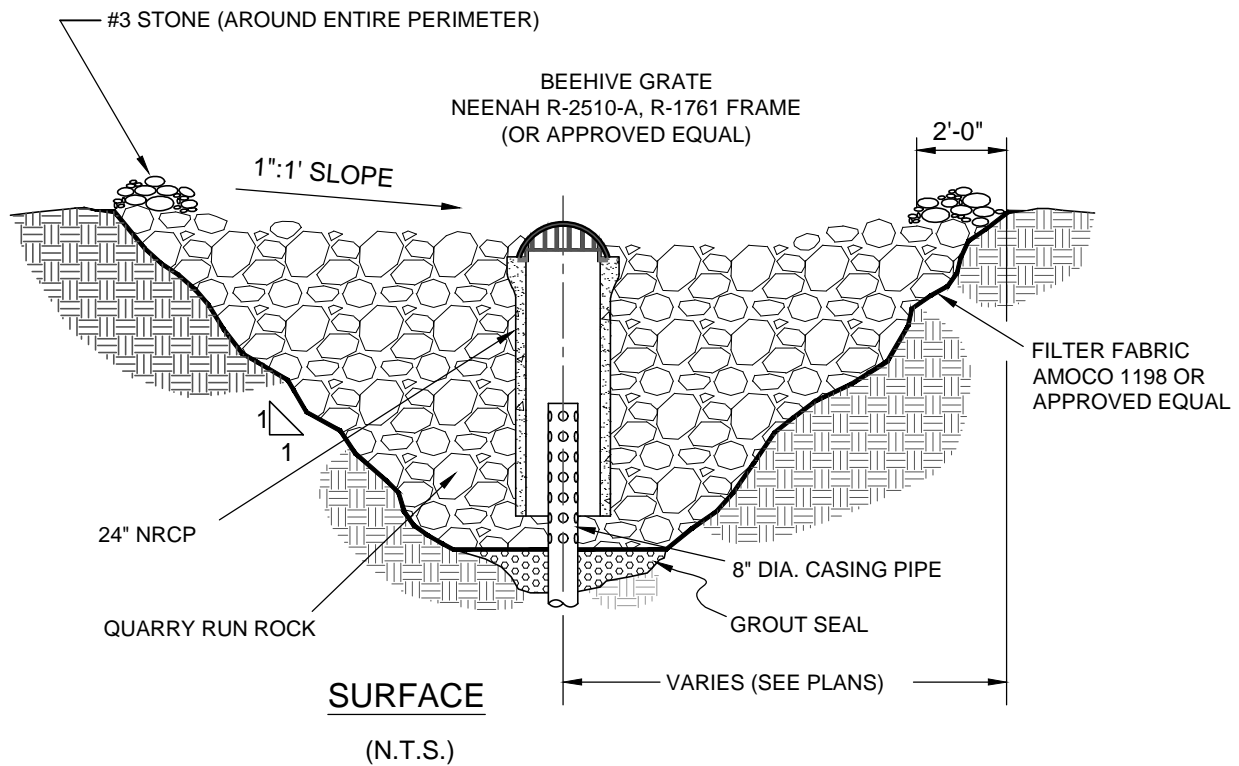
SECTION A-A

City-County Planning Commission

1141 STATE STREET
BOWLING GREEN, KENTUCKY 42101

PHONE (270) 842-1953
FAX (270) 842-1282

Residential Entrance Apron



NOTE: DRAWINGS ARE OF TYPICAL INSTALLATION. VARIATIONS MAY BE NECESSARY TO PHYSICAL CONDITIONS DETERMINED IN THE FIELD. MODIFICATIONS SHALL BE APPROVED BY THE STAFF ENGINEER PRIOR TO CONSTRUCTION.

City-County Planning Commission

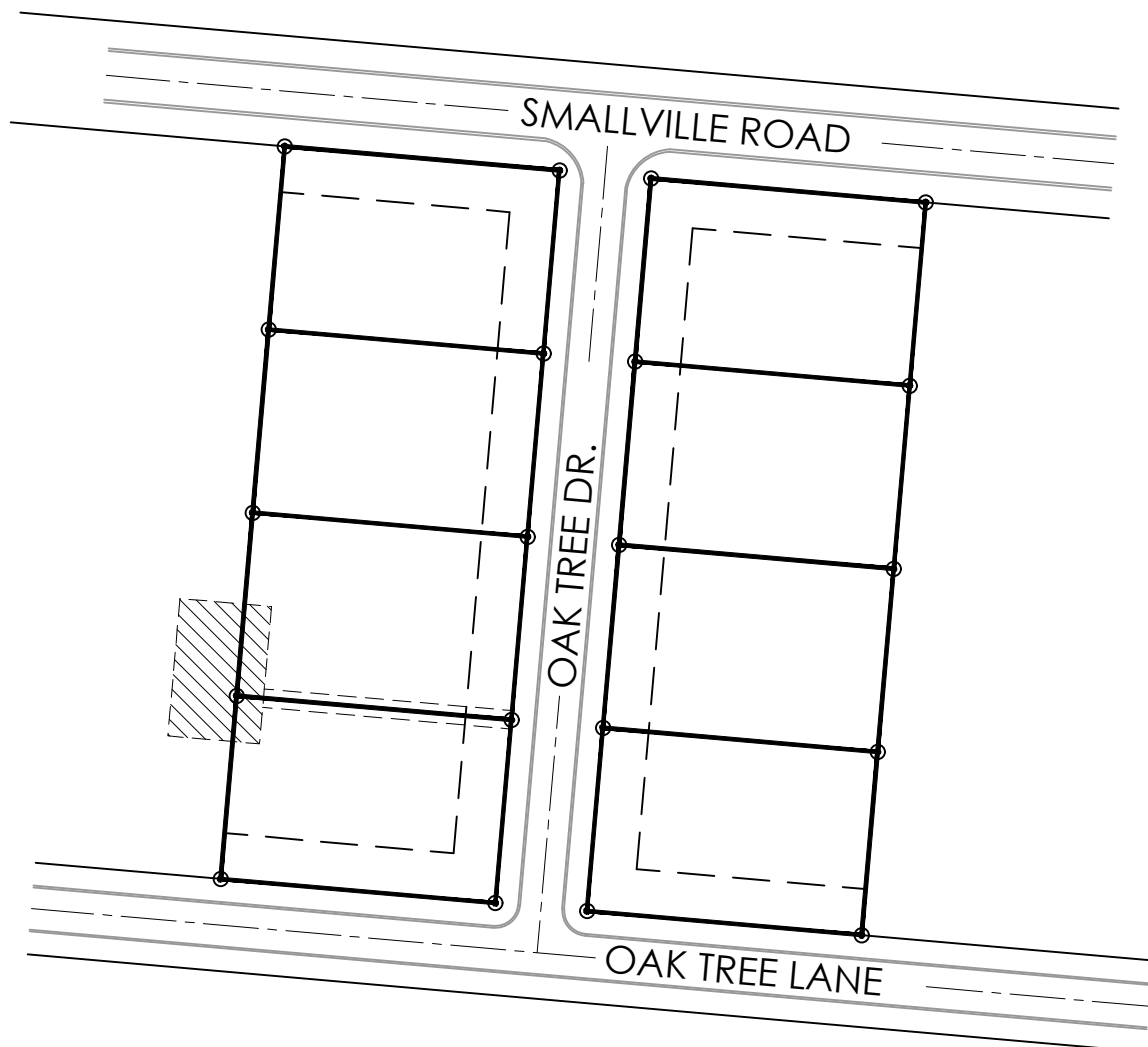
1141 STATE STREET
BOWLING GREEN, KENTUCKY 42101

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FAX (270) 842-1282

TYPICAL DRYWELL



EXAMPLE



OAK TREE SUBDIVISION

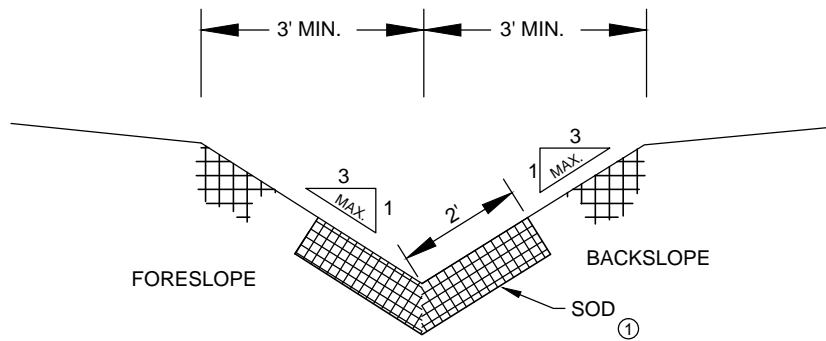
JOHN SMITH - OWNER

101 CAPITOL LN.
BOX 100
GREENSBURG, KY.

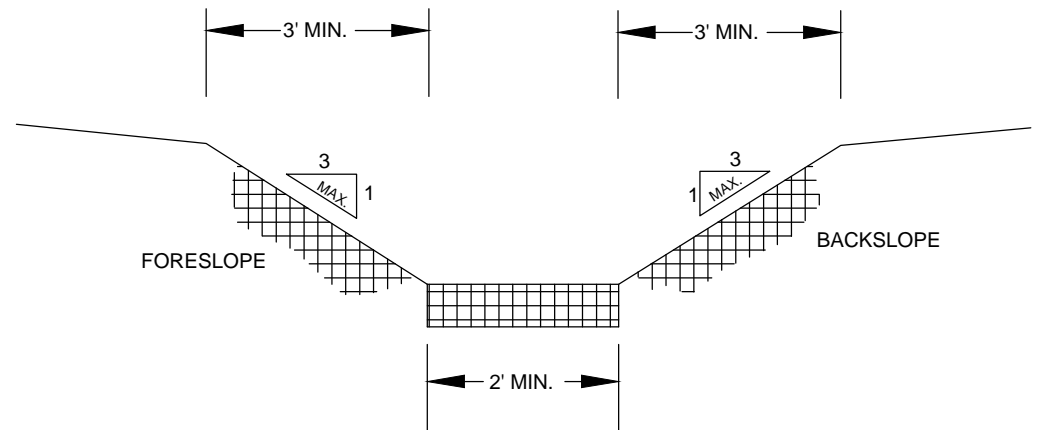
DATE: XX-XX-XX

JOE JONES SURVEYING

202 HILL VALLEY DR.
BOX 200
JUPITOR, KY.



SODDED "V" DITCH



SODDED FLAT BOTTOM DITCH

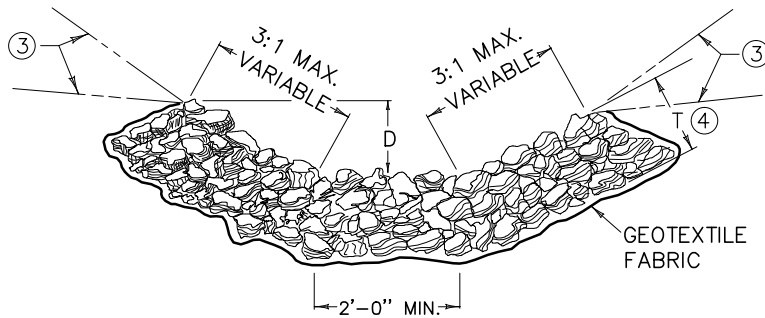
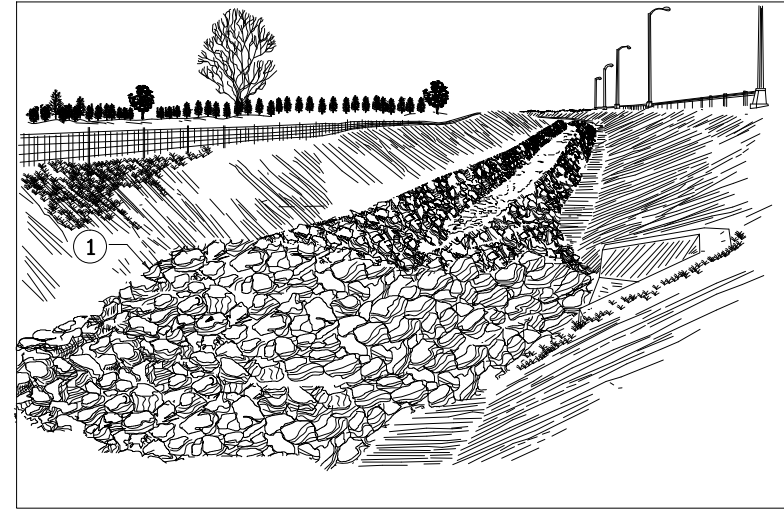
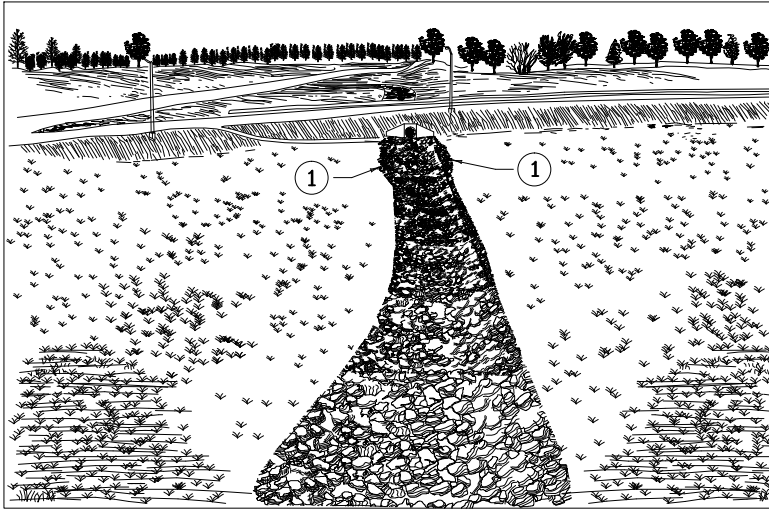
① FOR CHANNEL LINED (RIP-RAP) DITCHES,
SEE CHANNEL LINING (RIP-RAP) FOR
DITCHES / APRONS STANDARD DRAWING.

City-County Planning Commission

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Typical Ditches



TYPICAL SECTION

NOTES

CHANNEL LINING WILL NOT BE REQUIRED IN THE BOTTOM OF THE DITCH WHERE SOLID ROCK IS ENCOUNTERED.

CHANNEL LINING ESTIMATED ON THE BASIS OF 0.50 TON PER SQ. YD. PER FOOT OF DEPTH.

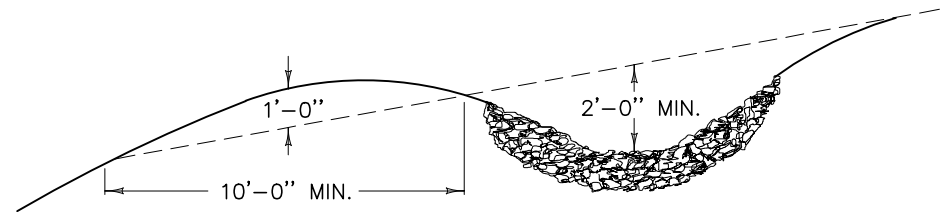
① WIDEN CHANNEL LINING NEAR OUTLET END OF STRUCTURE AS DIRECTED BY THE ENGINEER.

② FROM THE TOP OF THE LINING TO THE ORIGINAL GROUNDLINE.

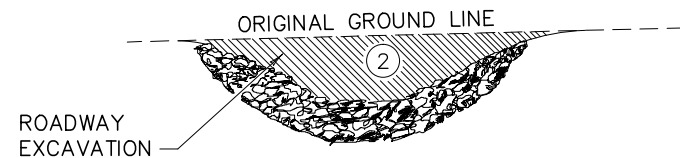
③ ALTERNATE LOCATION OF GROUNDLINE.

④ 15" MIN. CLASS II, OR 24" MIN. CLASS III PER KYTC SPECIFICATIONS.

5. D = DEPTH TO PROTECT, T = THICKNESS, (PLANS SHOULD INDICATE THESE VALUES)



TYPICAL INTERCEPTOR DITCH

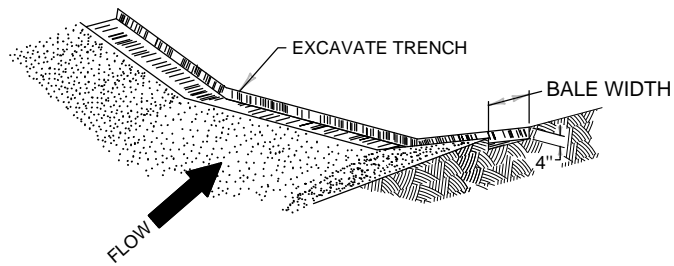


City-County Planning Commission

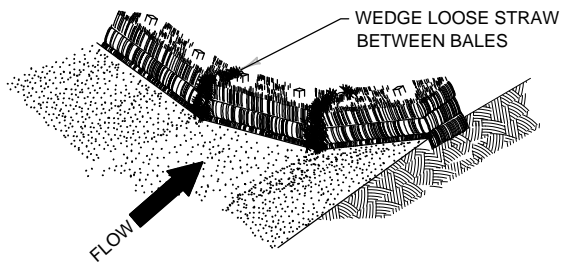
1141 STATE STREET
BOWLING GREEN, KENTUCKY 42101

PHONE (270) 842-1953
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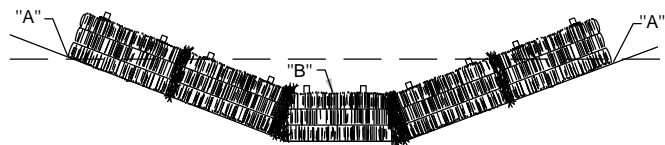
CHANNEL LINING (RIP-RAP) FOR DITCHES / APRONS



STEP NO. 1

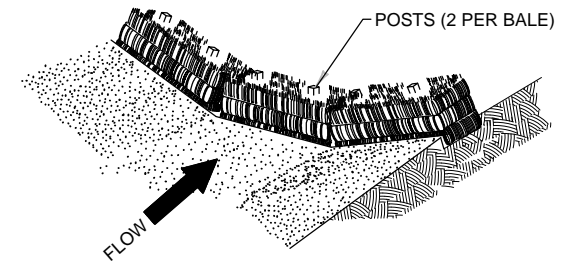


STEP NO. 3



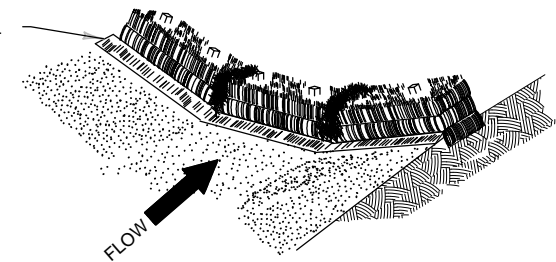
ELEVATION

PROPER PLACEMENT OF STRAW BALE BARRIER IN DRAINAGE WAY



STEP NO. 2

BACKFILL AND
COMPACT EXCAVATED SOIL



STEP NO. 4

NOTES

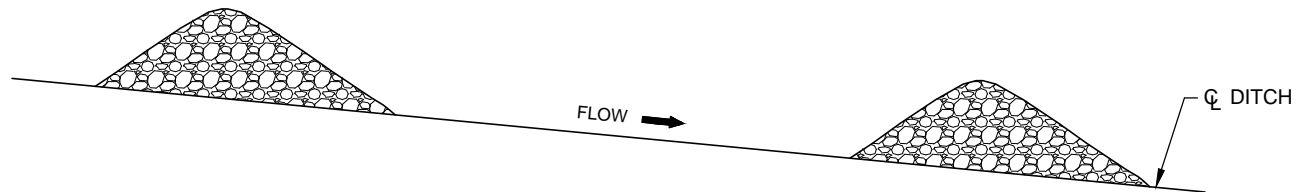
1. SEE KYTC STANDARD SPECIFICATIONS FOR POST TYPE AND SIZE.
2. POINTS "A" SHALL BE 1'-0" MIN. HIGHER THAN POINT "B".
3. IN SHALLOW DITCHES IT MAY BE NECESSARY TO LAY MIDDLE BALE DOWN TO CREATE SPILLWAY.
4. POSTS SHALL BE SET 1'-4" DEEP.

City-County Planning Commission

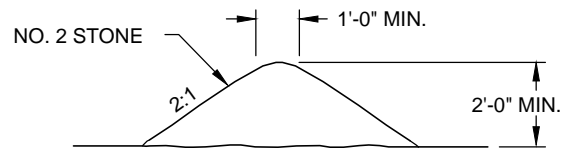
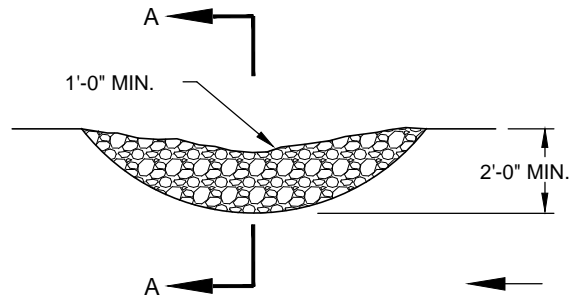
1141 STATE STREET
BOWLING GREEN, KENTUCKY 42101

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FAX (270) 842-1282

Straw Bale Silt Check



SPACE SILT CHECKS AT INTERVALS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.



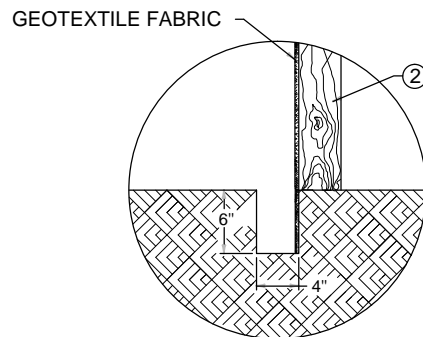
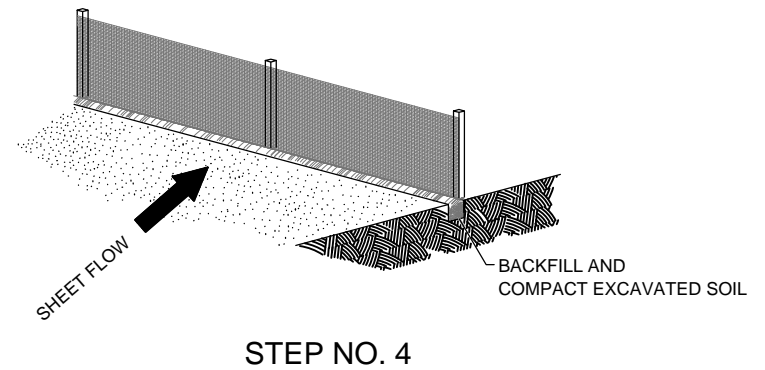
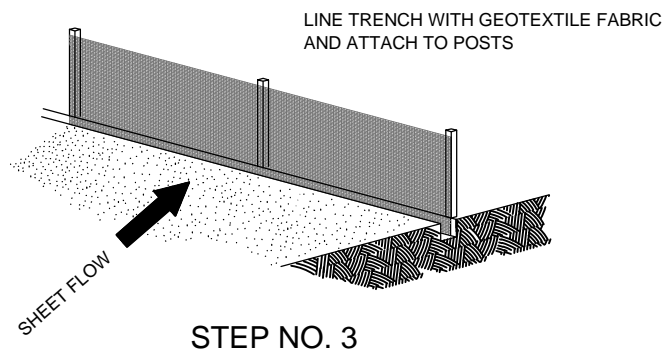
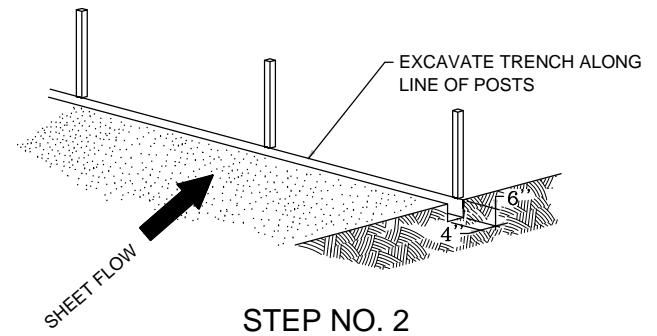
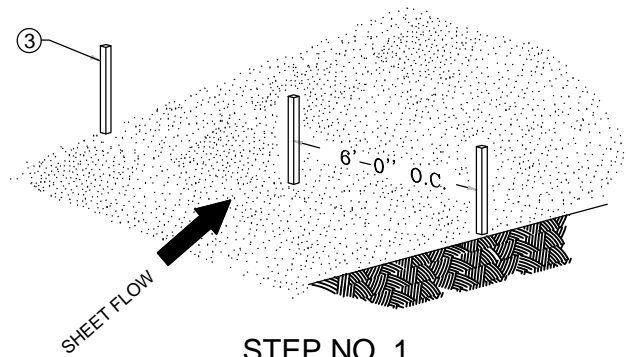
SECTION A-A

City-County Planning Commission

1141 STATE STREET
BOWLING GREEN, KENTUCKY 42101

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FAX (270) 842-1282

Stone Silt Check



NOTES

1. SEE KYTC STANDARD SPECIFICATIONS FOR POST SIZE, GEOTEXTILE FABRIC, WIRE STAPLES AND ALL OTHER PERTINENT INFORMATION.
- ② POSTS MAY BE WOODEN OR METAL T-SECTION.
- ③ POSTS SHALL BE SET 1'-4" DEEP.

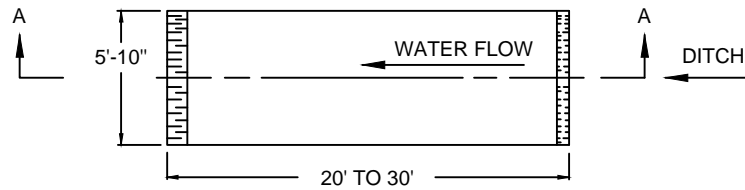
City-County Planning Commission

1141 STATE STREET
BOWLING GREEN, KENTUCKY 42101

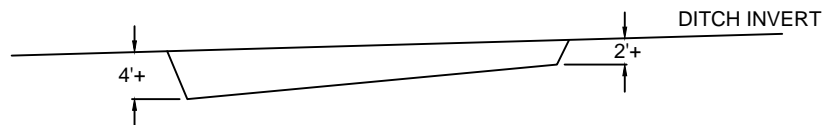
PHONE (270) 842-1953
FAX (270) 842-1282

Temporary Silt Fence

SILT TRAP TYPE A

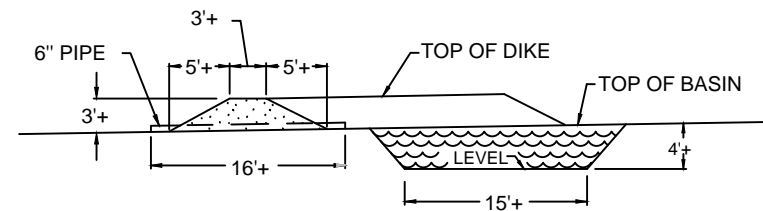
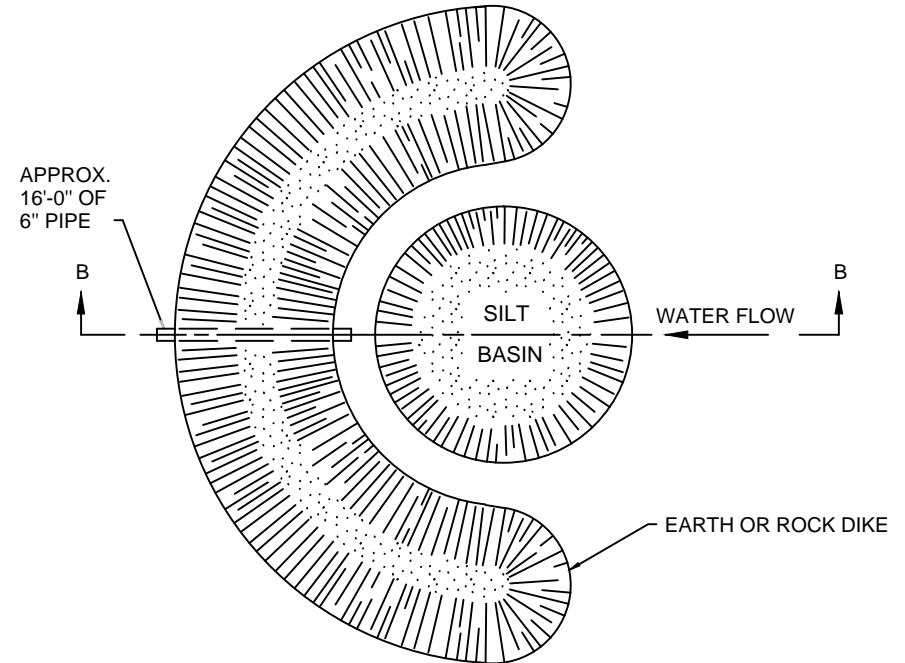


PLAN VIEW



SECTION A-A

SILT TRAP TYPE B



SECTION B-B

NOTES

THE SIZE, SHAPE AND LOCATION OF TRAP MAY BE ADJUSTED FROM THAT SHOWN IN THE PLANS, AS DIRECTED BY THE ENGINEER.

THE DIKE WHEN CONSTRUCTED OF ROCK MAY NOT REQUIRE USE OF PIPE.

THE SILT BASIN MAY BE CONSTRUCTED AS DIRECTED BY THE ENGINEER AS LONG AS THE AREA AND DEPTH IS AT LEAST AS LARGE AS THAT INDICATED ON THE PLANS.

City-County Planning Commission

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Erosion Control Silt Trap