





PWS VERSION: JAN 2024



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## SECTION C-C

ROAD GRADE	A (SEE NOTE 2)	MIN B	MAX B	С	D	E
>8%-15%	4"	5'	10'	18"	SEE CS 107	D + 8"
>4%-8%	5"	7.5'	15'	15"	FOR	D + 6"
0%-4%	6"	12.5'	25'	12"	DIMENSIONS	D

#### NOTES:

- 1. CHECK DAM TO BE PLACED ON UNDISTURBED NATIVE SOIL, OR ON AGGREGATE IF REQUIRED.
- 2. TOP OF CHECK DAM SHALL BE A MINIMUM OF 1" BELOW THE UPSTREAM INLET GUTTERLINE ELEVATION.
- 3. CHECK DAM WIDTH IS 6". HEIGHT VARIES DEPENDING ON ROAD GRADE.
- 4. DIMENSION B VARIES BASED ON EQUAL SPACING REQUIREMENT ON GS-101.
- 5. SIDEWALK DRAINAGE NOTCHES TO BE LOCATED IMMEDIATELY DOWNSTREAM OF EACH CHECK DAM.
- 6. SIDEWALK NOTCH TO BE 1" LOWER THAN SIDEWALK AND SLOPED TO FACILITY. WIDTH IS 4" AND MINIMUM DEPTH 5" WHEN 4" TOE KICK PLANNED FOR.
- 7. SEE GS-107 TO DETERMINE WHEN AGGREGATE AND UNDERDRAIN ARE REQUIRED.

		NTS
GRESHAM		DRAWN KRB
		REV. JAN 2024
		APPR. AT
	PWS VERSION: JAN 2024	DETAIL NO. GS-105





CONDITION	А	В	С	D	E
GOOD INFILTRATING SOILS (>2"/hr)	12" (MIN) TOPSOIL	0"	0"	NA	NA
LOW INFILTRATING SOILS (0.5 to 2"/hr)	18" (MIN) TOPSOIL	0"	0"	NA	NA
POOR INFILTRATING SOILS (<0.5"/hr)	24" (MIN) TOPSOIL	3" OF 1/4"-NO. 10 OPEN GRADED AGGREGATE	18" MIN. 1 1/2"-3/4" OPEN GRADED AGGREGATE	6" PERF PIPE	NA
LINED FACILITIES	24" (MIN) TOPSOIL	3" OF 1/4"-NO. 10 OPEN GRADED AGGREGATE	18" MIN. 1 1/2"-3/4" OPEN GRADED AGGREGATE	NA	6" PERF PIPE

## NOTES:

- 1. SEE STORMWATER MANAGEMENT MANUAL FOR DETAILS ON STORMWATER FACILITY TOPSOIL SPECIFICATIONS.
- 2. MINIMUM DEPTH FOR A IS 12 INCHES. SEE GS-105 TO DETERMINE DEPTHS FOR SLOPED FACILITIES.
- 3. LINED FACILITIES ONLY ALLOWED FOR STEEP SLOPES (>20%), UNCONSOLIDATED FILL (WITH SLOPES OR LOW INFILTRATION SOILS) OR IN CONTAMINATED SOILS, SEE GS-106 FOR DETAILS ON LINED FACILITIES.
- 4. TREES INCLUDED IN PLANTERS MUST FOLLOW GS-112. TREES NOT ALLOWED IN LINED FACILITIES OR TO HAVE ROCK OR UNDERDRAIN WITHIN THE DEEPENED SOIL SECTION. THE DEEPENED SOIL SECTION FOR TREES SHALL BE A MINIMUM OF THE DEPTH IN COLUMN A PLUS AN ADDITIONAL 18".
- 5. MAXIMUM LENGTH OF PERFORATED PIPE IS 36 INCHES.





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### NOTES:

- 1. SIDEWALK WIDTH VARIES WITH STREET CLASSIFICATION. SEE STANDARD STREET CROSS SECTIONS. (5' MINIMUM)
- 2. STORMWATER FACILITY WIDTH VARIES. SEE STANDARD STREET CROSS SECTIONS. (4' MINIMUM)
- 3. CURB RADIUS SHALL MATCH STORMWATER FACILITY WIDTH. SEE STANDARD STREET CROSS SECTIONS.
- 4. SLOPES SHOWN ARE RELATIVE TO HORIZONTAL. TRANSITION RAMP SHALL BE 7.5% MAX SLOPE OR 15' IN LENGTH.
- 5. ALL CONCRETE SURFACES SHALL BE LIGHTLY BROOMED AND EDGED IN A WORKMANLIKE MANNER.
- 6. SAW CUT EXISTING CURBS WHERE THEY ARE TO BE REMOVED IF LESS THAN 3' TO EXISTING JOINT, REMOVE TO JOINT. EXISTING ASPHALT IN FRONT OF THE APPROACH SHALL BE SAW CUT AND REPLACED WITH HOT MIX.
- 7. CONCRETE SHALL BE 4,000 PSI AT 28 DAYS.
- 8. WATER METER LIDS IN CONCRETE DRIVEWAY RETURN SHALL BE TRAFFIC RATED.
- 9. CONCRETE DEPTH AND ROCK SECTION SHALL BE PER STANDARD DETAIL 618A.





# STORMWATER FACILITY RESIDENTIAL DRIVEWAY APPROACH

REV. JAN 2024
APPR. A->
DETAIL NO. GS-110

DRAWN KRB

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