



TYPICAL HALF SECTION

GENERAL REQUIREMENTS:

1. A=HEIGHT: MINIMUM 6'-0".
2. C=BARRIER HEIGHT ABOVE SOUND WAVE: MINIMUM 0'-6".
3. D=EARTH BERM: WHEN EARTH BERM EXCEEDS 2'-0" ABOVE SOUND WAVE, BARRIER IS NOT REQUIRED.
4. DRAINAGE COLLECTED FROM TWO OR MORE LOTS IS TO BE COLLECTED AND PIPED ALONG BACK OF BARRIER TO A STORM DRAIN SYSTEM.

ADDITIONAL REQUIREMENTS:

5. B=DEPTH OF FOOTING BELOW GROUND: MINIMUM 2'-0".
6. E=LANDSCAPING STRIP: MINIMUM 4'-6".
7. F=SIDEWALK WIDTH: CONSTRUCT SIDEWALK FULL WIDTH BETWEEN BACK FACE OF CURB AND FACE OF WALL WHEN LANDSCAPING STRIP IS NOT REQUIRED: MINIMUM 5'-0".
8. THE CITY OF RENO'S PLANNING DEPARTMENT SHALL APPROVE THE COLORS AND TEXTURES ON THE FRONT FACE OF THE SOUND BARRIER.
9. BARRIER PLANS ARE TO BE STAMPED AND SIGNED BY A NEVADA REGISTERED CIVIL ENGINEER, VERIFYING TO THE INTEGRITY OF THE STRUCTURAL DESIGN.
10. BARRIERS WILL BE OWNED AND MAINTAINED BY THE CITY WHERE A HOMEOWNER'S ASSOCIATION DOES NOT EXIST.
11. LANDSCAPING ALONG FRONT FACE OF BARRIER WILL BE MAINTAINED BY THE CITY WHERE A HOMEOWNER'S ASSOCIATION DOES NOT EXIST.



STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION

DRAWING No.

SOUND BARRIER

R-601

APPROVED BY: JF DATE: 12/2019