ASTM-M40 P1, SUPER SHALLOW FOUNDATION AT ONLY 4" EXCAVATION DEPTH

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3 BOLLARD ARRAY MINIMUM **TOP VIEW** -16'-6" 7'-0" 60" O/C -36"- OR LESS VEHICLE IMPACT DIRECTION **FRONT VIEW** -16'-6" CONCRETE -**FILLED BOLLARD** BOLLARD HEIGHT **GRADE** ONLY 4 in COMPACTED TOTAL EXCAVATION EARTHEN **SUBGRADE DEPTH**

KEY CAPABILITIES

- . SIMPLE AND QUICK INSTALLATION ONLY ONE PREFABRICATED MODULAR UNIT
- . SUPER SHALLOW FOUNDATION IS IDEAL FOR PARKING DECK OR IF BASEMENT, SUBWAY OR TUNNELS ARE BELOW (ONLY 4" DEEP).
- 3. SHALLOW FOUNDATION AVOIDS UNDERGROUND UTILITIES.
- 4. NO FIELD WELDING OR BOLTING (REDUCES INSTALLATION TIME AND COST).
- MODULAR BOLLARD SYSTEM ACCOMMODATES TURNS, GRADE CHANGES, AND FIELD ADJUSTMENTS.
- 6. NO STIRRUPS OR REBAR OR TYING.
- 7. NO SPECIALTY COMPONENTS OR PARTS REQUIRED TO MAKE TURNS.
- 8. VARIETY OF BOLLARD COVERS AVAILABLE (THERMOPLASTIC, DECORATIVE, STAINLESS STEEL, LIGHTED, ETC.)



BARRIER1 SYSTEMS

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SUPER SHALLOW POST MODEL SS-800 - 4 IN

WEBSITE DRAWING

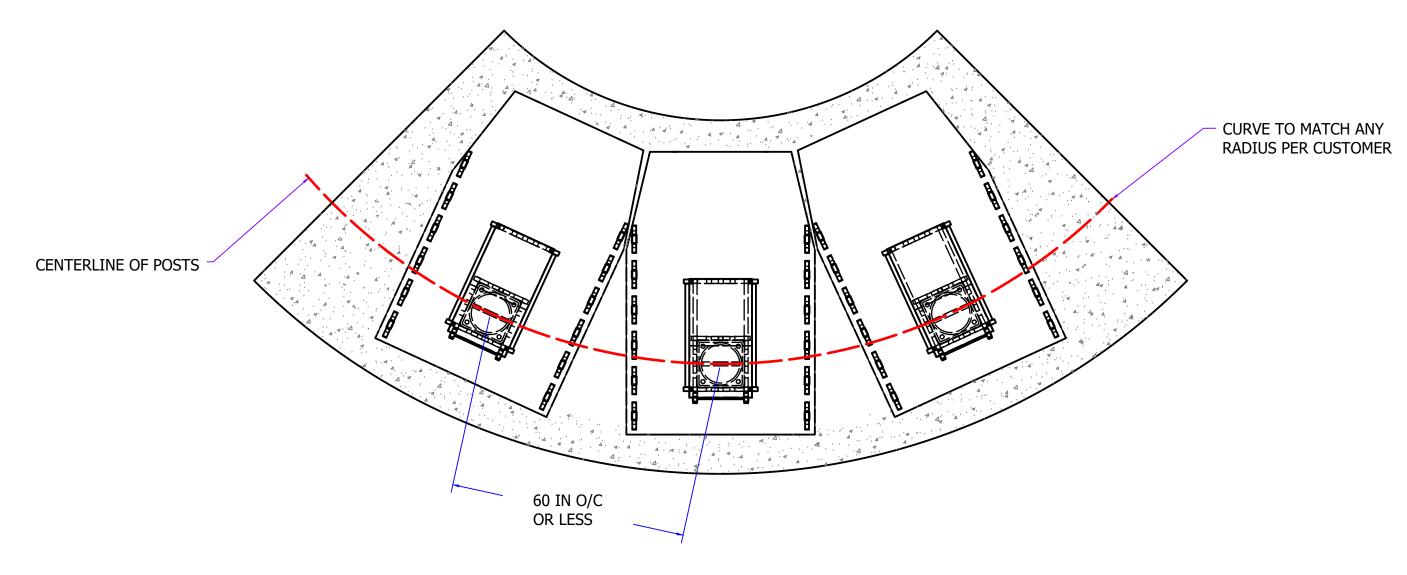
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TOP VIEW - ARRAY ON A CURVE



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WEBSITE **DRAWING**

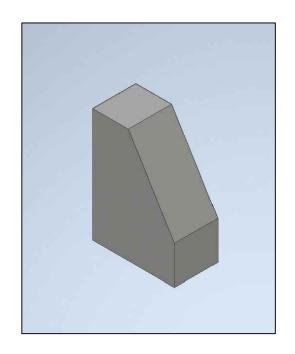
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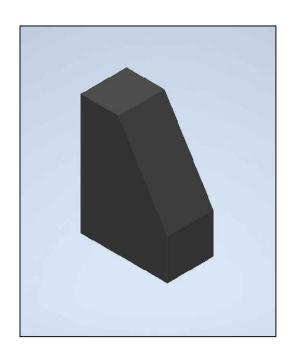
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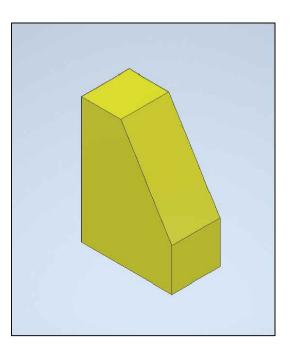
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SAMPLE DECORATIVE COVER AND COLOR







NOTES:

- 1. OPTIONAL SHAPES AND COLORS CAN BE PROVIDED.
- 2. STAINLESS STEEL AND THERMOPLASTIC COVERS ARE AVAILABLE.
- 3. POWDER COATED OR ANODIZED ALUMINUM IS AVAILABLE.
- 4. SPECIALTY CUSTOM COVERS WITH LIGHTS AND OTHER FEATURES ARE AVAILABLE.



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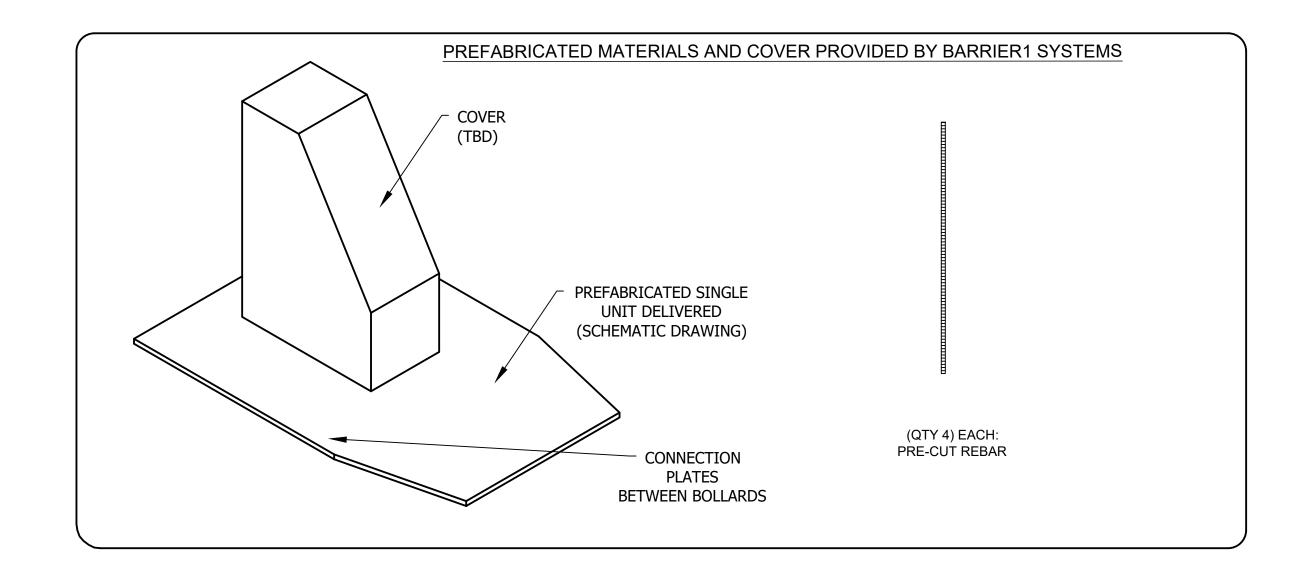
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MATERIALS PROVIDED BY INSTALLER

1. 1.75 CUBIC YARDS OF CONCRETE PER 3 BOLLARD ARRAY.



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PATENT PENDING

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