

Diagram illustrating the reinforcement structure for a dome. The dome is supported by a rectangular base. The base is reinforced with #3 rebar. The dome structure is formed by a network of rebar rods. The base of the dome is anchored to the top of the inlet box as shown (typical).

NORTH AMERICAN GREEN-  
SC250 MATTING  
(OR APPROVED EQUAL)

TOP OF BERM

4:1

4:1

TOP OF BERM

20

**PLAN - INLET BOXES**

The figure illustrates the standard box inlet details, showing three types of boxes (Type 1, Type 2, and Type 3) and their respective cross-sections (Section A-A, Section B-B, and Section C-C).

**Plan Views:**

- Type 1:** Standard box spanning in the short direction. Dimensions include 57" length, 35" width, and 50" depth. Reinforcement includes #4 bars at 12" o.c. typ. each way top & bottom.
- Type 2:** Standard box spanning in the long direction. Dimensions include 57" length, 35" width, and 50" depth. Reinforcement includes #4 bars at 12" o.c. typ. each way top & bottom.
- Type 3:** Standard box spanning in both directions. Dimensions include 57" length, 35" width, and 50" depth. Reinforcement includes #4 bars at 12" o.c. typ. each way top & bottom.

**Section Views:**

- Section A-A:** Cross-section of the box. Shows a 9" max. height, 6" min. width, and 6" min. depth. Reinforcement includes #4 bars at 12" o.c. typ. each way top & bottom. Concrete cover is 1" min. to the top and bottom.
- Section B-B:** Cross-section of the box. Shows a 9" max. height, 6" min. width, and 6" min. depth. Reinforcement includes #4 bars at 12" o.c. typ. each way top & bottom. Concrete cover is 1" min. to the top and bottom.
- Section C-C:** Cross-section of the box. Shows a 9" max. height, 6" min. width, and 6" min. depth. Reinforcement includes #4 bars at 12" o.c. typ. each way top & bottom. Concrete cover is 1" min. to the top and bottom.

**Legend:**

- Additional concrete to shape the bottom.

The image contains three technical drawings of a structural steel grate:

- SECTION A-A:** A cross-section of the grate showing a top layer of 3" x 1/4" plate with 3/4" wide ribs. Below this is a 2" thick layer of 1/2" x 1/2" x 25" bars. The bottom layer consists of 6 transverse rods (3/8" x 1/4" rod) spaced at 3 5/8" C to C (typical), with a 3/8" x 1/4" rod at the bottom. The total height is 3 1/4".
- SECTION B-B:** A cross-section showing the grate's profile. It has a 2" thick top layer, a 3/4" wide rib, and a 2" x 1/2" section. The total height is 3 1/4".
- DETAIL D:** A corner detail showing a 1/4" minimum radius.
- DETAIL E:** A corner detail showing a 1/4" minimum radius.

**STRUCTURAL STEEL GRATE**

**NOTES:**

- 26 BEARING RODS AT 1 3/4" C TO C. (TYP)
- 1/2" x 1/2" x 25" BAR (TYP) 1/2" MIN
- 6 TRANSVERSE RODS AT 3 5/8" C TO C (TYP)
- 3/8" x 1/4" ROD

**PLAN VIEW**

**SECTION A-A**

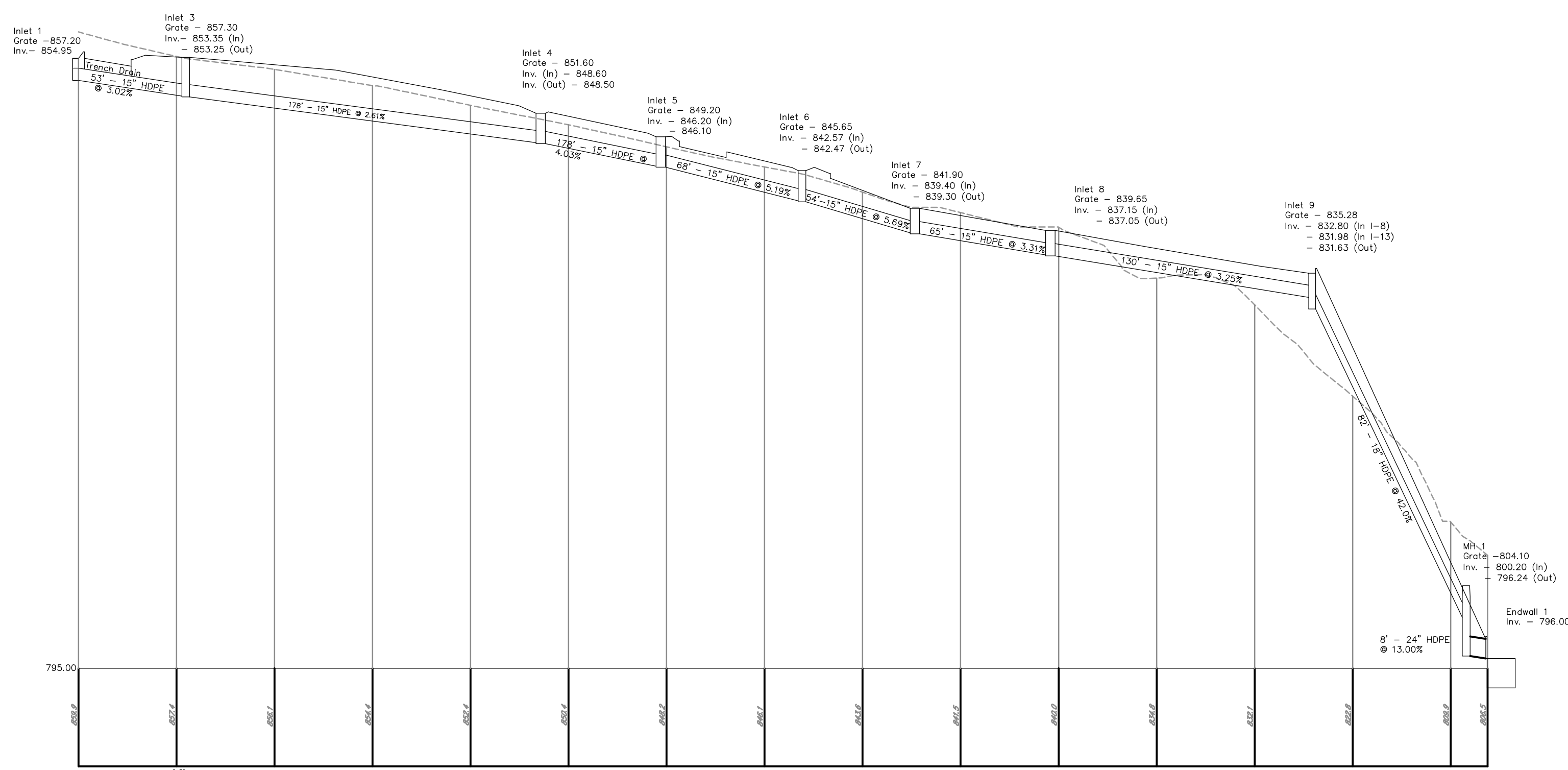
The diagram illustrates the cross-section of a concrete curb and gutter. The top view shows a rectangular structure with a central grate area. The side view shows the profile of the curb and gutter. Key components and dimensions are labeled:

- GRATE (STRUCTURAL STEEL SHOWN)**: The top surface of the grate.
- TYPE M INLET CONCRETE TOP UNIT**: The concrete unit supporting the grate.
- GRADE ADJUSTMENT RING**: The ring used to adjust the grade.
- INLET BOX**: The box structure below the grate.
- Dimensions**:
  - Top view: 12" x 12" x 2"
  - Side view: 24" (total width), 6" (curb width), 6" (gutter width), 12" (grate width), 2" (grate depth).
  - Reinforcement: #13 (#4) BARS TOP & BOTTOM.


BASIN OR TRAP NO.	PIPE SIZE (IN)	S (IN)	NO. OF COLLARS	RISE TO FIRST COLLAR (FT)	COLLAR SPACING (FT)
1	18	54	1	15	N/A
2	18	54	1	15	N/A

[illegible]

**10 TYPE DW ENDWALL**  
C-1 N.T.S.



**13**  
C-1 **PROFILE: I-13 TO I-9**  
SCALE: 1"=50' HOR. / 1"=5' VERT.



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DRAWING TITLE		PROJECT TITLE			DATE:	
CONSTRUCTION DETAILS		WILKES-BARRE V.A. MEDICAL CENTER PARKING GARAGE			03/10/2017	
					PROJECT NO. 693222	
FACILITY PROJECT NAME		BUILDING NUMBER	CHECKED	DRAWN	DRAWING TITLE	
WILKES-BARRE V.A. MEDICAL CENTER		PARKING GARAGE	WJN	JAR	C-1	
		LOCATION 1111 EAST END BLVD, WILKES-BARRE, PA 18702			DWG. 14 OF 15	