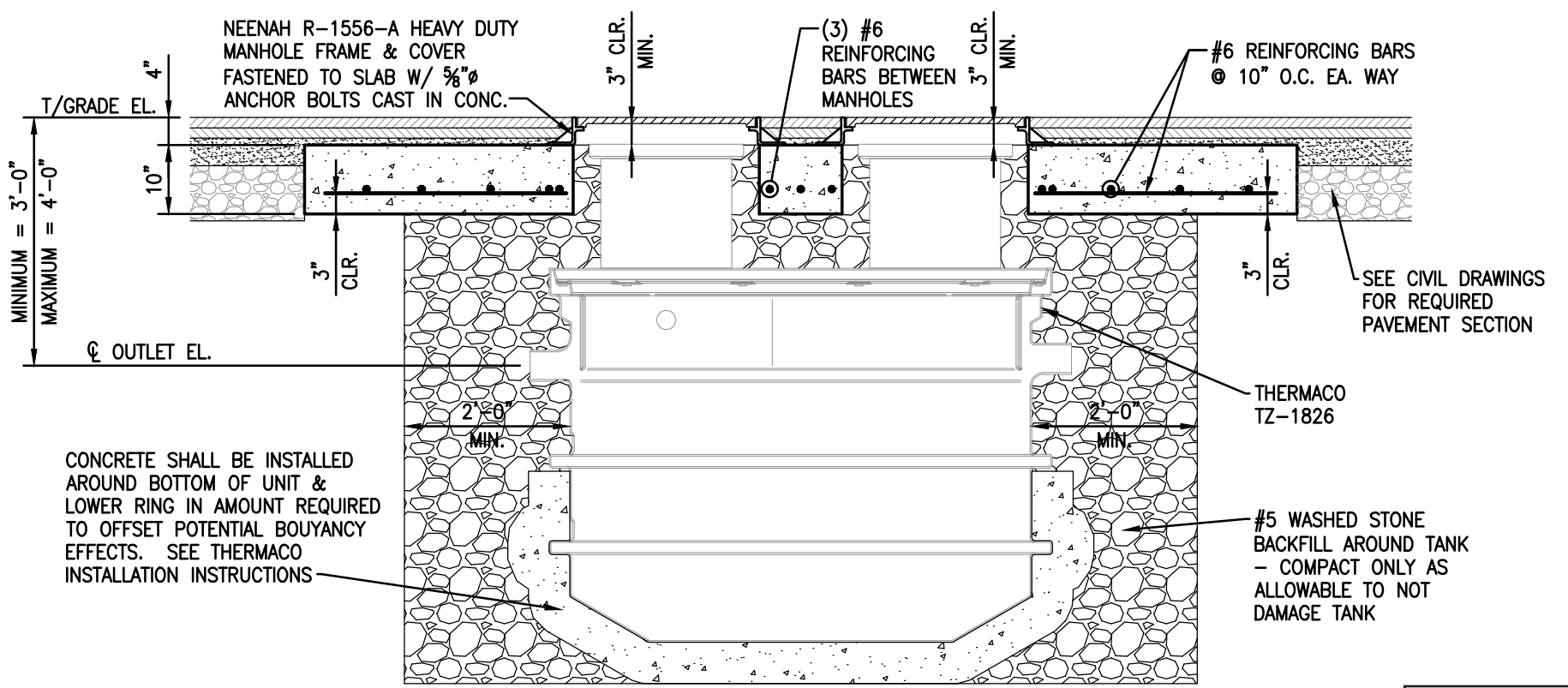


**1 RELIEVING SLAB PLAN**  
SCALE: 1/2" = 1'-0"



**2 RELIEVING SLAB SECTION**  
SCALE: 1/2" = 1'-0"

**GENERAL NOTES:**

- IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING OR PROPOSED SITE FEATURES WHICH COULD IMPACT THE INSTALLATION OF THE SLAB PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL TOP OF PAVEMENT/SLAB ELEVATIONS.
- DO NOT APPLY CONSTRUCTION LOADS UNTIL CONCRETE HAS REACHED IT'S REQUIRED COMPRESSIVE STRENGTH AS SPECIFIED IN THESE NOTES.
- CONTRACTOR SHALL FOLLOW ALL INSTALLATION INSTRUCTIONS AND SPECIFICATIONS SUPPLIED BY THERMACO. IF SITE CONDITIONS LIMIT THE CONTRACTOR'S ABILITY TO FOLLOW THERMACO'S INSTALLATION INSTRUCTIONS, SPECIFICATIONS, OR THE INFORMATION SHOWN ON THIS DRAWING, THE CONTRACTOR SHALL IMMEDIATELY HALT CONSTRUCTION OPERATIONS AND CONTACT THERMACO FOR ASSISTANCE.
- TANKS SHALL BE SPACED A MINIMUM OF 9'-FT. ON CENTER FOR SITES THAT REQUIRE MULTIPLE TANK INSTALLATIONS.
- CONCRETE MATERIALS:
  - CEMENT: TYPE 1 PORTLAND CEMENT, CONFORMING TO ASTM C150.
  - FINE AND COARSE AGGREGATE: COARSE AGGREGATE SIZE SHALL BE NO. 57 OR LARGER. AGGREGATE SHALL CONFORM TO ASTM C33.
  - ADMIXTURES: AIR ENTRAINMENT ADMIXTURE CONFORMING TO ASTM C260. CONCRETE EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED. AIR CONTENT SHALL BE BETWEEN 4 AND 8 PERCENT. NO OTHER ADMIXTURES SHALL BE USED.
  - CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
  - THE MINIMUM PORTLAND CEMENT CONTENT (ASTM C150) OF ALL CONCRETE SHALL BE 517 LBS. PER CUBIC YARD.
- CONCRETE PLACEMENT:
  - PLACE CONCRETE IN ACCORDANCE WITH ACI 304. CONSOLIDATE PLACED CONCRETE USING MECHANICAL VIBRATING EQUIPMENT.
  - COLD WEATHER PLACING: COMPLY WITH ACI 306.
  - HOT WEATHER PLACING: COMPLY WITH ACI 305.
- CONCRETE CURING:
  - CURE INTERIOR SLABS USING CURING COMPOUND IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
  - MAINTAIN CURING FOR A MINIMUM OF 72 HOURS AFTER PLACEMENT OF CONCRETE.
- CONCRETE REINFORCING REBAR:
  - ALL REBAR SHALL COMPLY TO ASTM A615, GRADE 60.
- CONCRETE REINFORCING REBAR PLACEMENT:
  - ALL REINFORCING SHALL BE PLACED IN ACCORDANCE WITH ACI DETAILING MANUAL (LATEST EDITION).
  - ALL REINFORCING, INCLUDING SLAB REINFORCEMENT, SHALL BE SUPPORTED IN FORMS AND SPACED WITH NECESSARY ACCESSORIES IN ACCORDANCE WITH CRSI 'MANUAL OF STANDARD PRACTICE' (LATEST EDITION). REINFORCING BARS SHALL BE WIRED TOGETHER USING 16 GAUGE (MIN.) ANNEALED STEEL TIE WIRE AT EVERY THIRD CROSSING, OR A MAXIMUM SPACING OF 4'-0" IN EACH DIRECTION, UNLESS OTHERWISE SHOWN.
  - ALL REINFORCING SHALL BE CONTINUOUS. NO LAP SPLICES SHALL BE PERMITTED.

RELIEVING SLAB HAS BEEN DESIGNED TO SAFELY SUPPORT H-20 & HS-20 LOADING WITH A MAXIMUM AXLE WEIGHT OF 32,000 POUNDS.

The installation techniques, handling, and use of this product are beyond Thermaco's control. Therefore, Thermaco assumes no responsibility for loss, damage or expense resulting from improper handling, or use.

**Trapzila**  
A THERMACO® Technology

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**TZ-1826 H20/TRAFFIC RATED RELIEVING SLAB PLAN & SPECIFICATIONS**

DESIGNED BY: T. BORN	SCALE: 1/2" = 1'-0"	DATE: 9-JAN-17
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