

ITEM DESRIPTIONS

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- $\begin{pmatrix} 2 \\ 3/4 \\ 11.5 \\ A, 350 \\ RPM \end{pmatrix}$ electric motor 120 V,
- (3) Reversing drum switch
- (4) Control cord 20 ft. length
- (5) Wiring housing
- (6) Plug to mate to connector in pole base or transformer secondary
- (7) Torque limiter coupling
- (8)3/4" dia. steel shaft
- (9) Ballbearing pillowblock
- (10)5/8'' hex socket crank shaft coupling
- (11) Connector to motor from 120 V transformer secondary
- (12) Stepdown trnsformer 120 V secondary, 1.5 kVA for 240 V, 277 V, & 480 V; 2.0 kVA for 208 V
- (13) 1/2" carry handle

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(14) Plug to connector in pole base from transformer primary

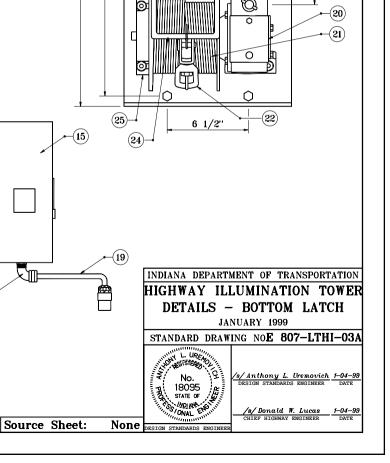
- (15) NEMA 4-circuit-breaker enclosure field mounted to pole handhole door
- (16) 1/2'' dia. mounting bolt, 4 req'd.
- (17) 0.25 in. thick steel winch plate zinc electroplate finish
- (18) Power unit mounting bracket, 0.25 in. thick steel zinc electroplate finish
- (19) 5 ft. power supply cord and connector
- (20) Winch 30:1 gear ratio internal drag brake
- (21) 5/16" dia. 7 x 19 wire rope. Length is pole height + 6 ft. stainless steel
- (22) Forged steel swivel, 11,000 psi ultimate strength

-1 1/2" x 1 1/2" sq.

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(23) Cord grip

- (24) Winch cable guard
- (25) Winch outboard support



13 1/2"

11 1/2"

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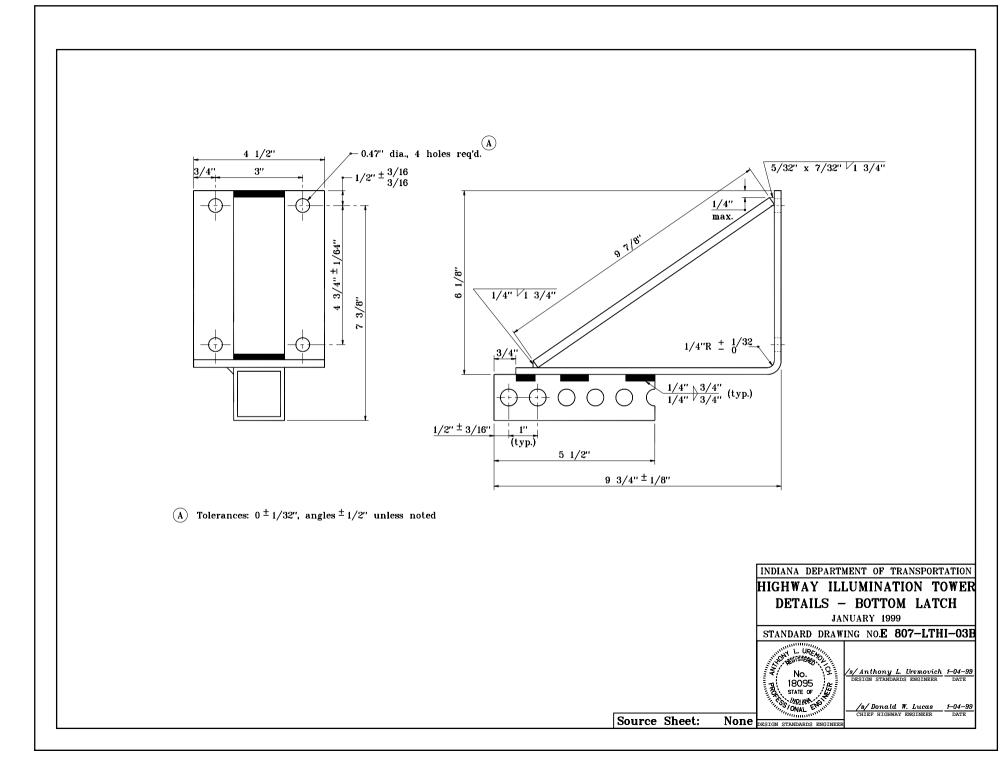
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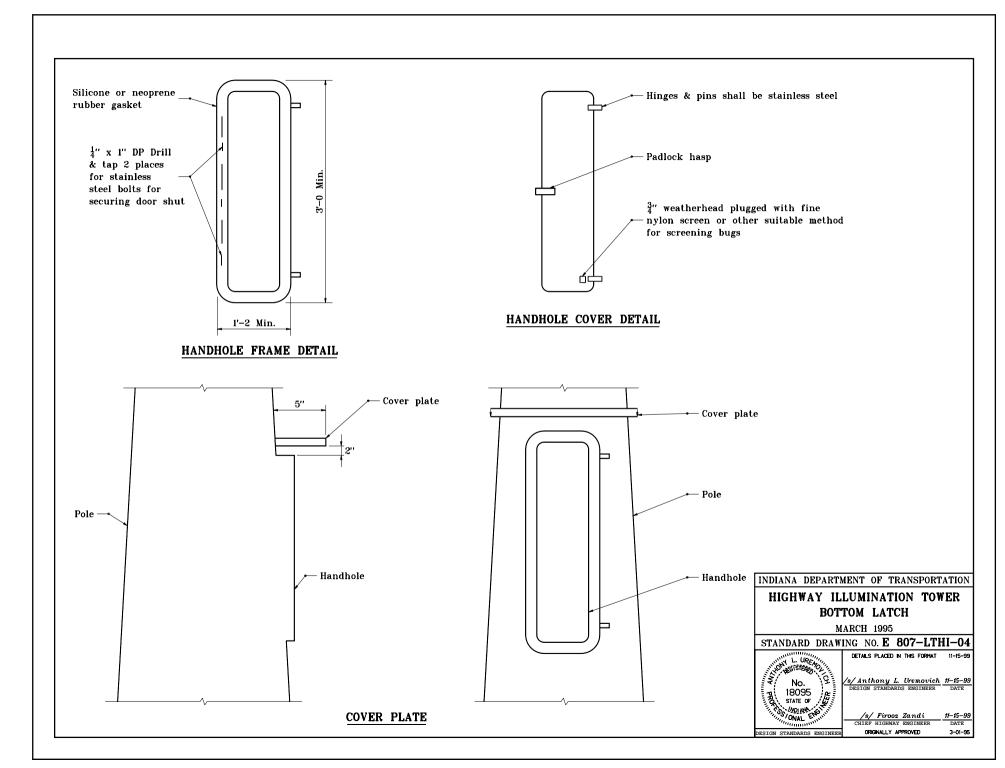
1/4"

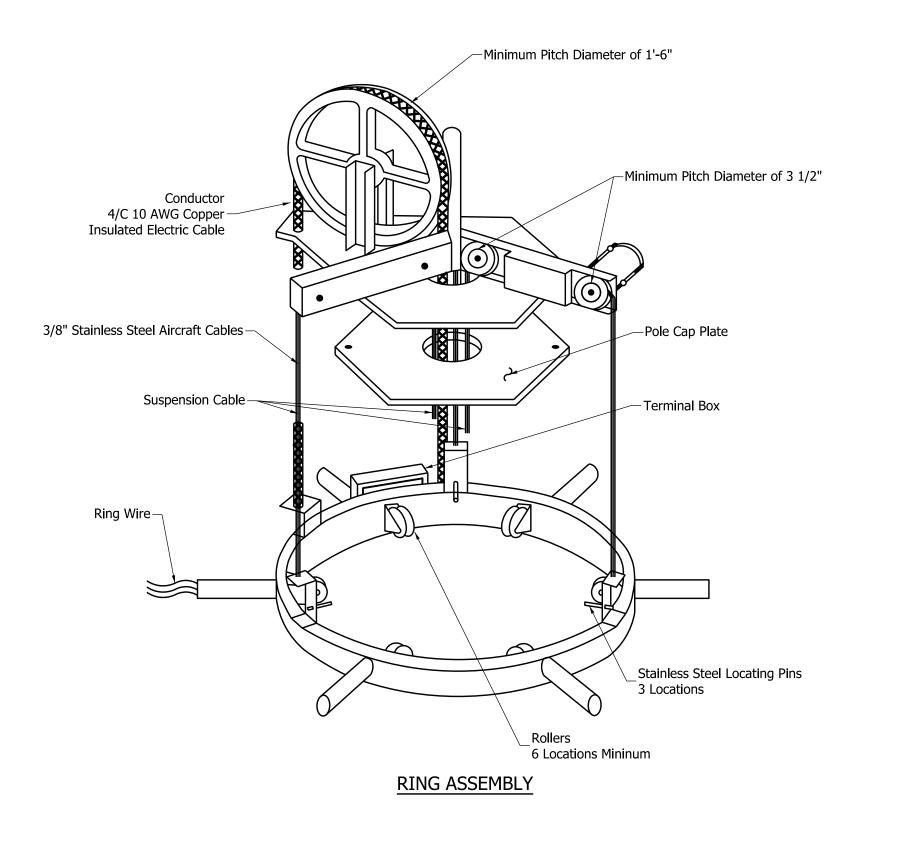
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HIGHWAY ILLUMINATION TOWER DETAILS BOTTOM LATCH SEPTEMBER 2010 STANDARD DRAWING NO. E 807-LTHI-05 REGISTERED TR /s/ Richard L. Vancleave 09/01/10 DESIGN STANDARDS ENGINEER DATE 9750 PROF ËR STATE OF INDIANA CONTRACTOR /s/ Mark A. Miller 09/01/10 CHIEF HIGHWAY ENGINEER DATE DESIGN STANDARDS ENGINEER

INDIANA DEPARTMENT OF TRANSPORTATION

