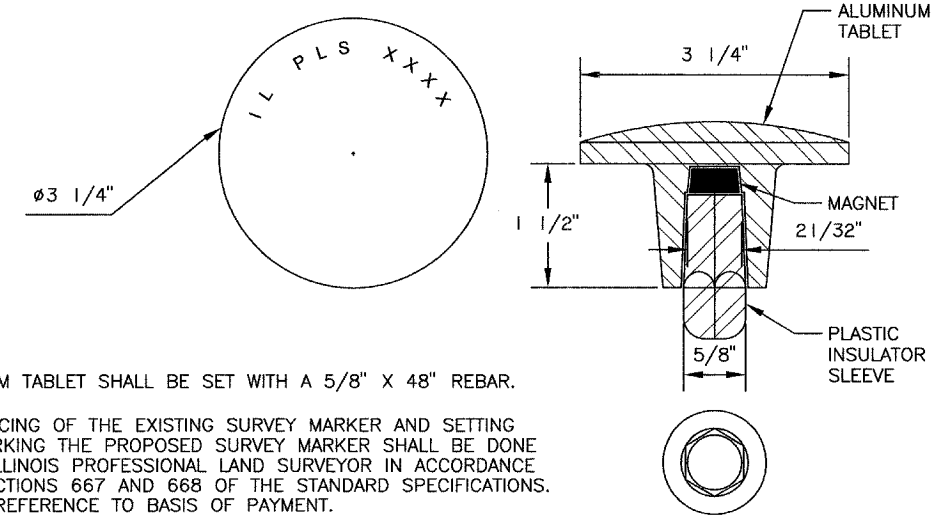


SPECIFICATION FOR ALUMINUM TABLET



SURVEY CAP FOR REBAR. 3 1/4" CONVEX SURVEY CAP FOR 5/8-INCH REBAR WITH IL PLS NUMBER. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 0.031 (1/32) INCH FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD.

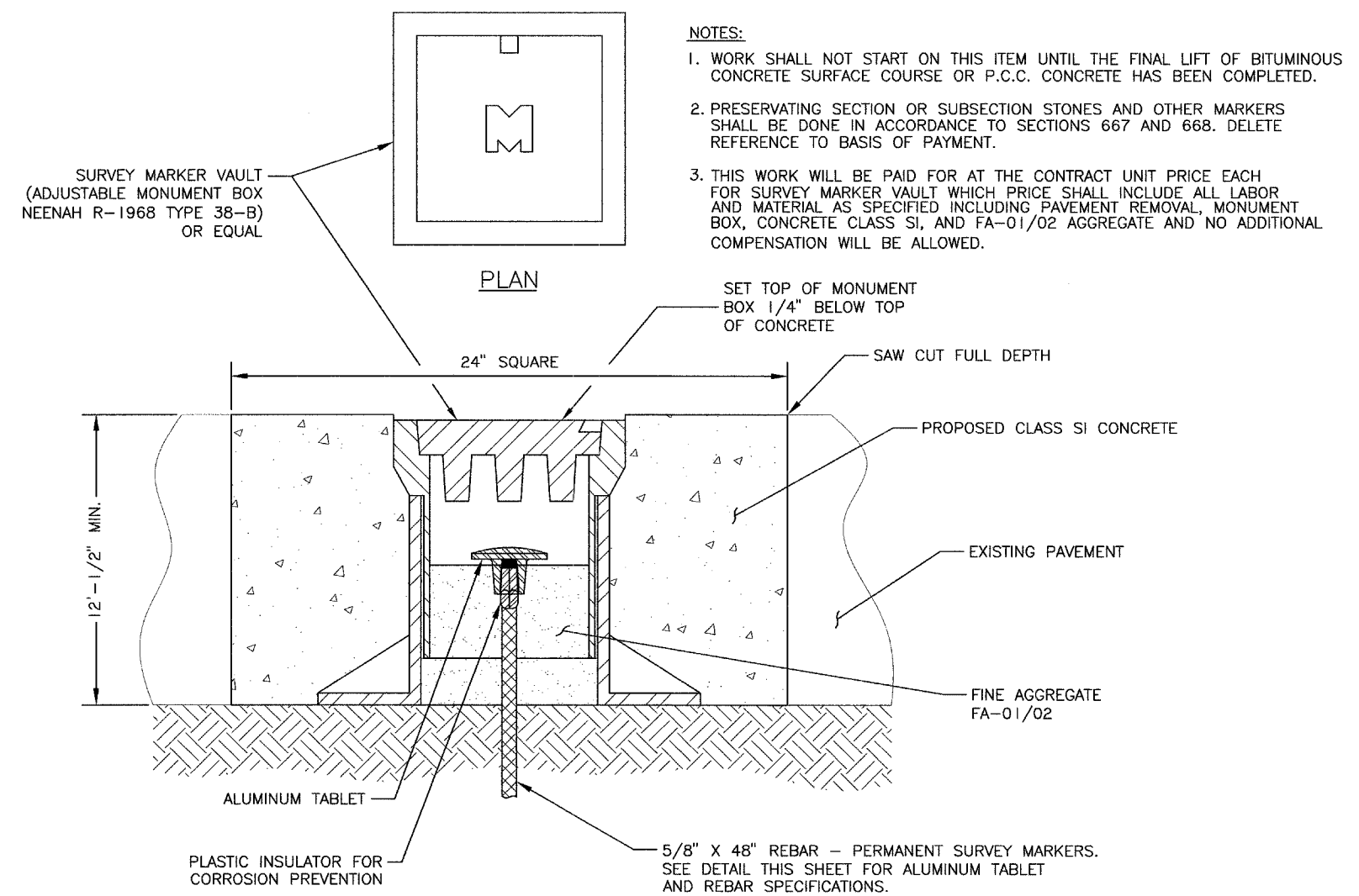
THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM 1 1/2" LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%
STRENGTH: YIELD 28 KSI, ULTIMATE 32 KSI
ELONGATION: 15% (IN TWO INCHES)
SPECIFICATIONS: ALUMINUM ALLOWY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

NOTES:

1. ALUMINUM TABLET SHALL BE SET WITH A 5/8" X 48" REBAR.
2. REFERENCING OF THE EXISTING SURVEY MARKER AND SETTING AND MARKING THE PROPOSED SURVEY MARKER SHALL BE DONE BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR IN ACCORDANCE WITH SECTIONS 667 AND 668 OF THE STANDARD SPECIFICATIONS. DELETE REFERENCE TO BASIS OF PAYMENT.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR PERMANENT SURVEY MARKERS WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED, INCLUDING SETTING AND MARKING THE SURVEY MARKER BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

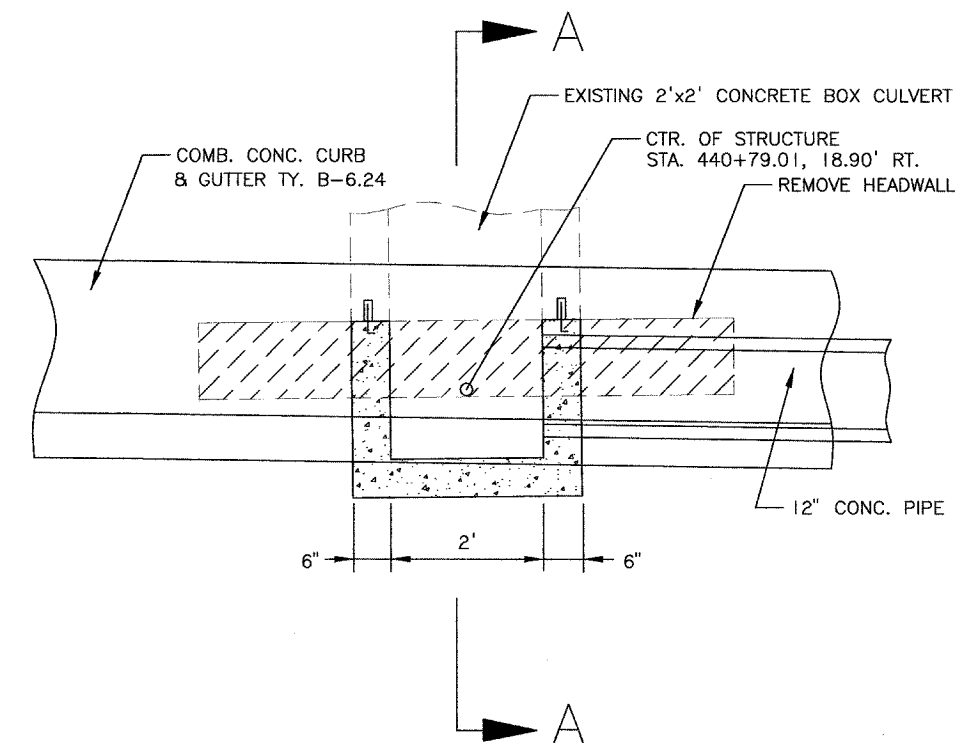
PERMANENT SURVEY MARKER DETAIL



NOTES:

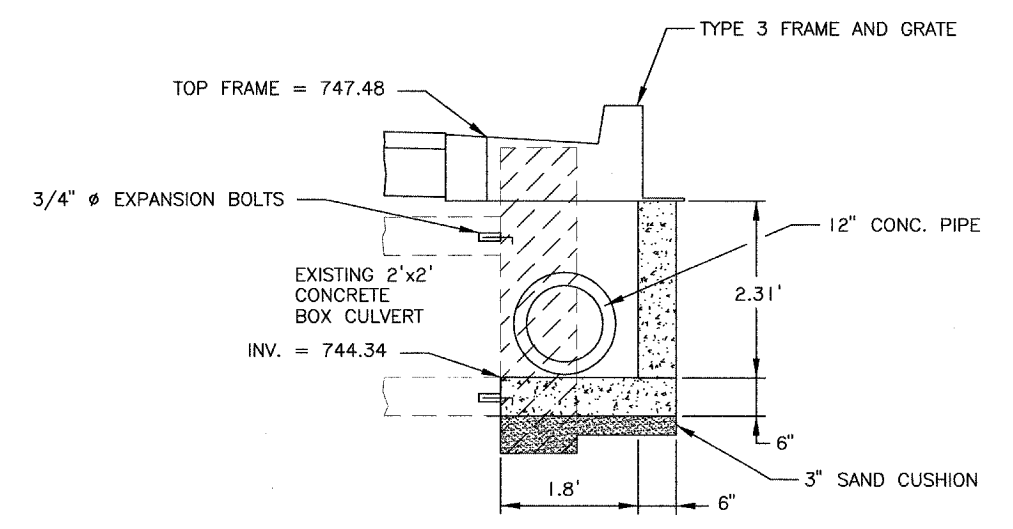
1. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF BITUMINOUS CONCRETE SURFACE COURSE OR P.C.C. CONCRETE HAS BEEN COMPLETED.
2. PRESERVING SECTION OR SUBSECTION STONES AND OTHER MARKERS SHALL BE DONE IN ACCORDANCE TO SECTIONS 667 AND 668. DELETE REFERENCE TO BASIS OF PAYMENT.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MARKER VAULT WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING PAVEMENT REMOVAL, MONUMENT BOX, CONCRETE CLASS SI, AND FA-01/02 AGGREGATE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ELEVATION SURVEY MARKER VAULT DETAIL



INLET SPECIAL WITH NEW TYPE 3 FRAME AND GRATE DETAIL

STR. NO. 131, STA. 449+79.00, 18.90' RT.



SECTION A-A

NOTES:

1. 3/4" Ø EXPANSION BOLTS, 6" LONG REQUIRED TO CONNECT NEW INLET TO EXISTING BOX CULVERT. TOTAL REQUIRED = 8. LOCATE AS DIRECTED BY THE ENGINEER.
2. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
3. THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL WITH NEW TYPE 3 FRAME AND GRATE SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET, FURNISHING AND INSTALLING THE FRAME AND GRATE, SAND CUSHION AND ALL EXCAVATION AND BACKFILL.