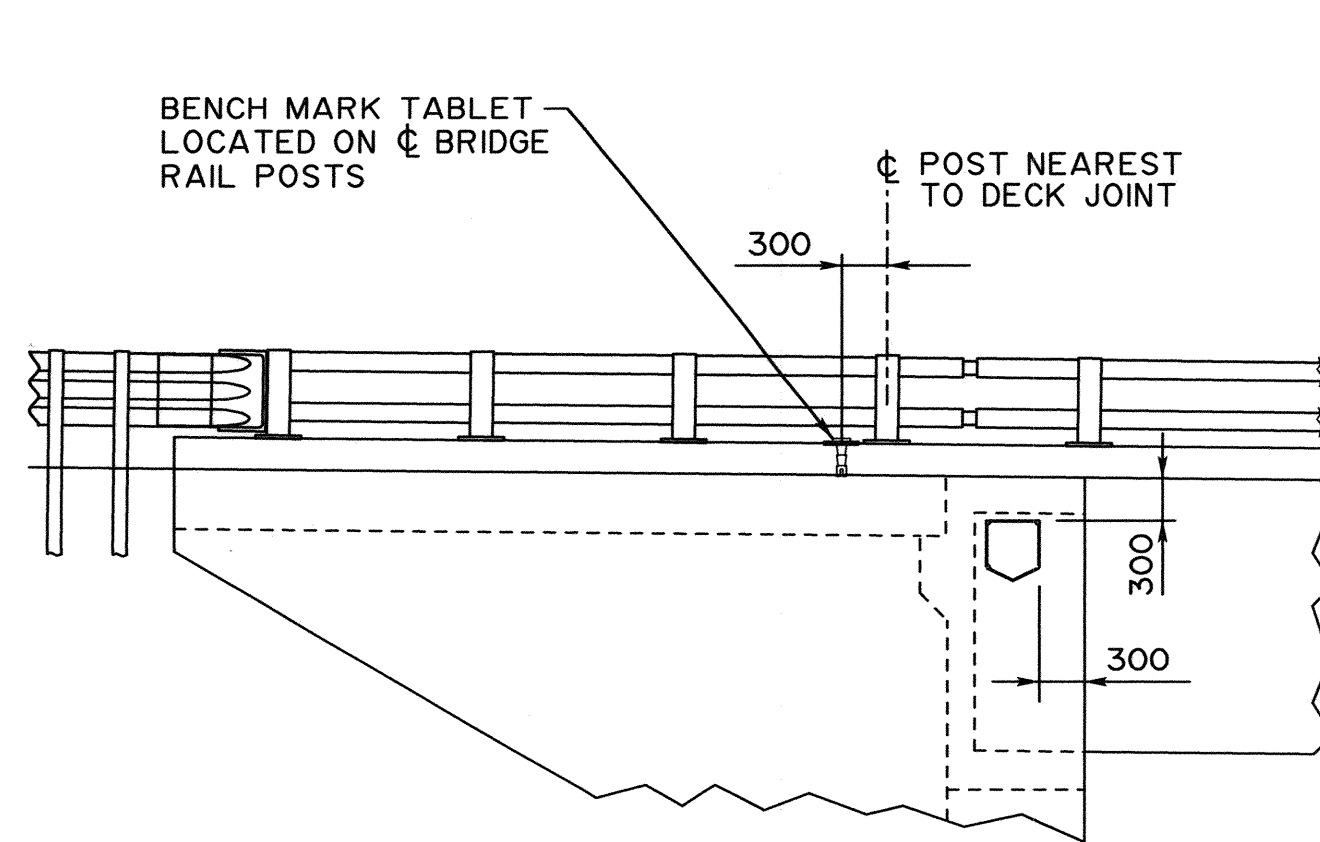
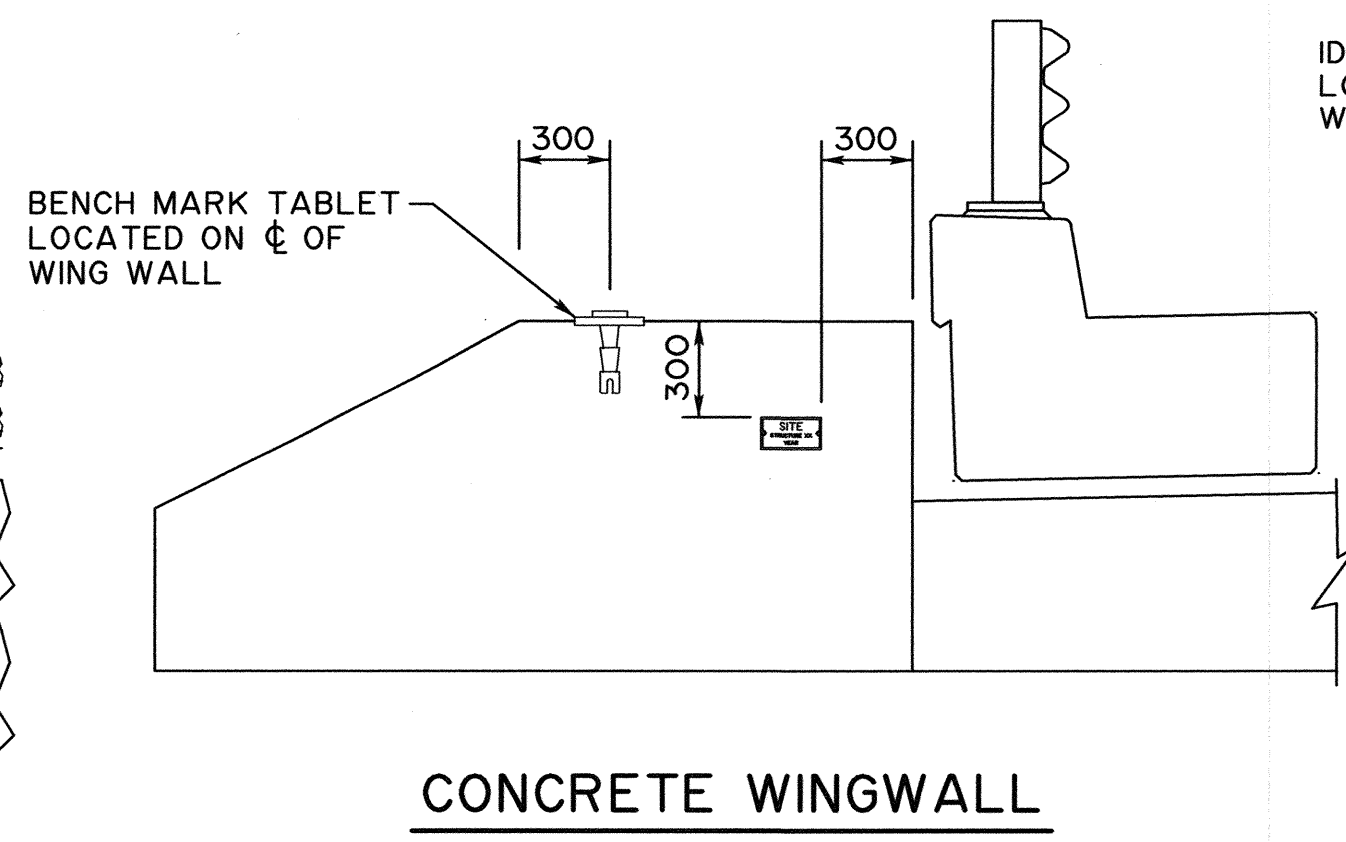
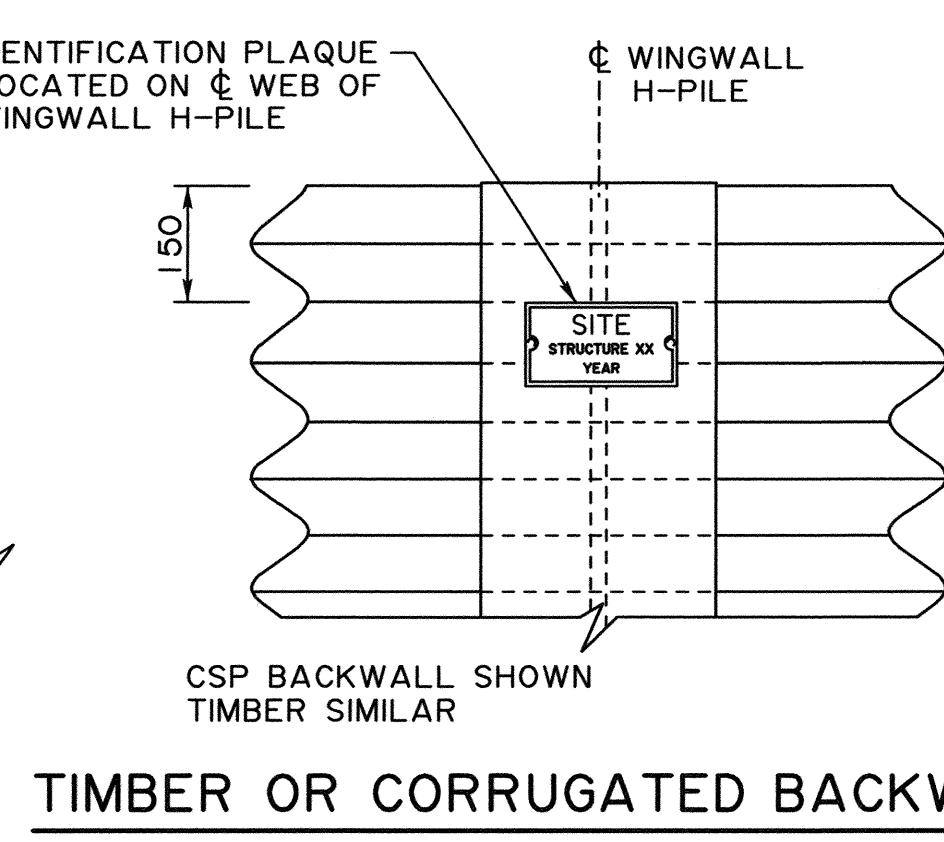




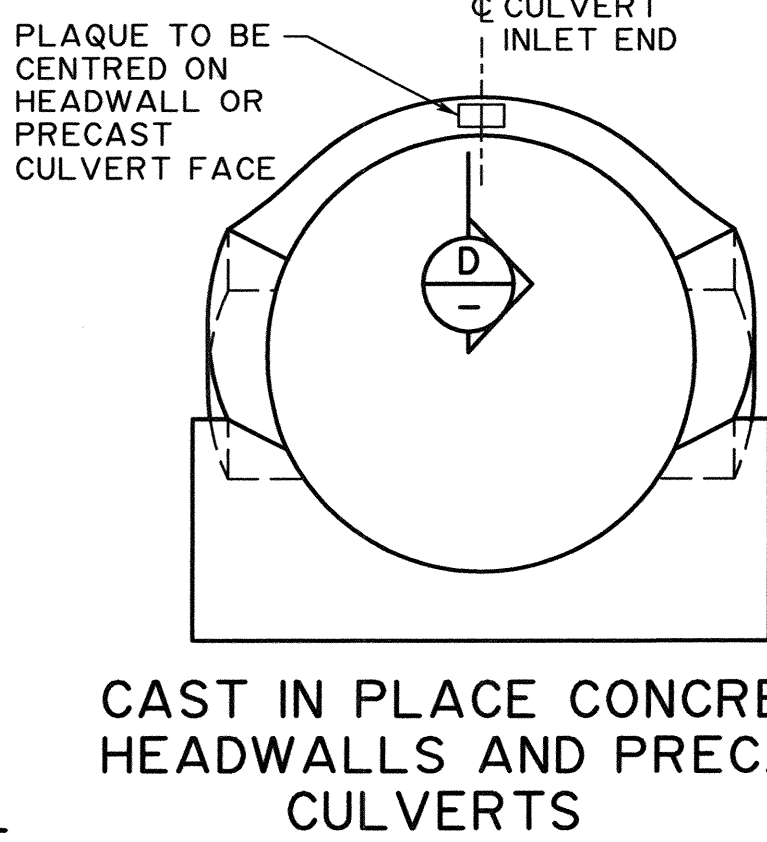
PLAQUE AND BENCH MARK TABLET LOCATION FOR MAJOR BRIDGES



CONCRETE WINGWALL
1:25



TIMBER OR CORRUGATED BACKWALL
(CSP BACKWALL SHOWN TIMBER SIMILAR) 1:10



CAST IN PLACE CONCRETE HEADWALLS AND PRECAST CULVERTS
(CIP SHOWN, PRECAST SIMILAR) NTS

GENERAL NOTES

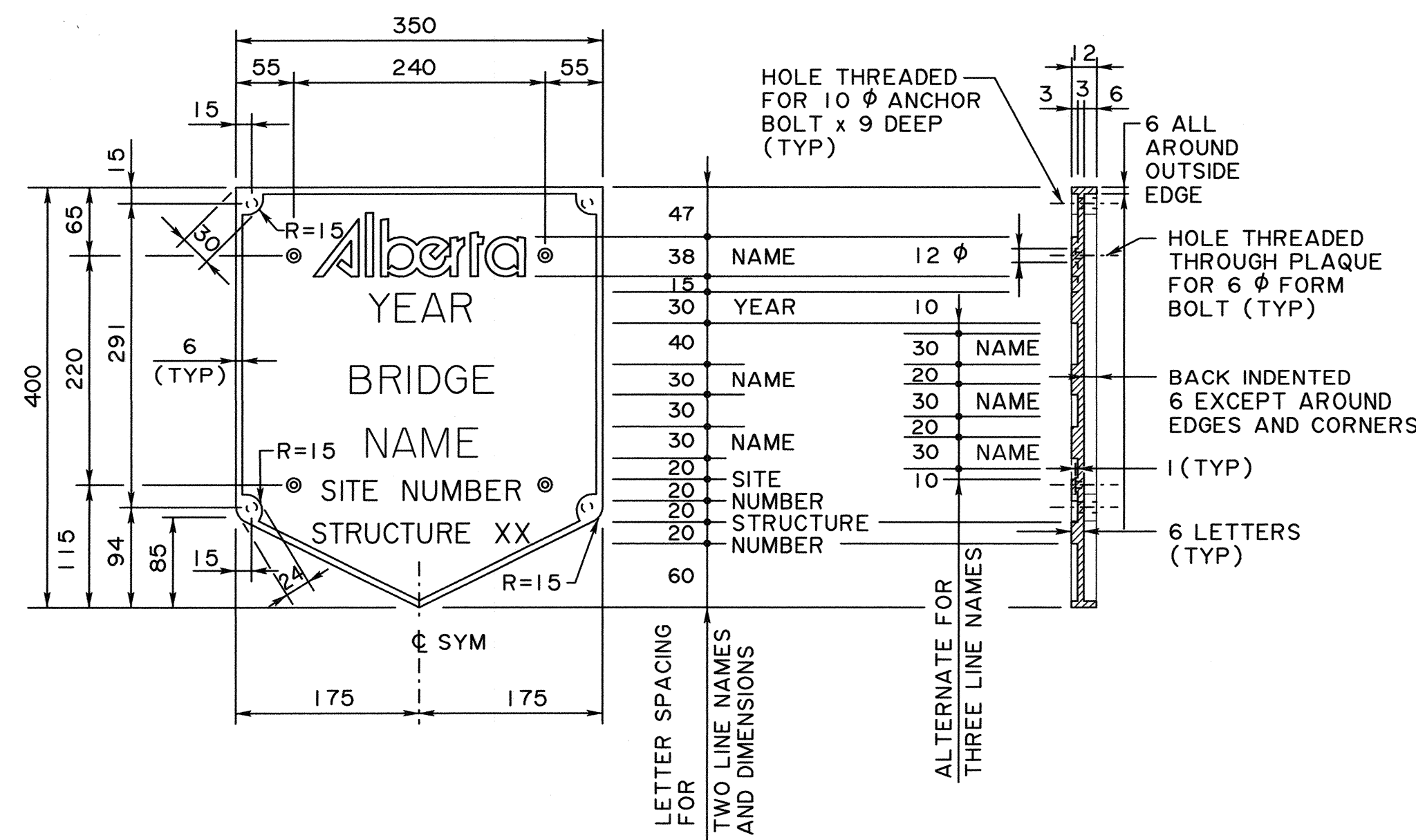
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
- FABRICATION AND INSTALLATION OF ALL PLAQUES AND BENCH MARK TABLETS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR BRIDGE CONSTRUCTION SECTION 13
- MATERIALS FOR ALL PLAQUES SHALL BE CAST ALUMINUM
- ALL PLAQUES SHALL BE FABRICATED TO THE DIMENSIONS SHOWN ANY PROPOSED CHANGES SHALL BE APPROVED BY THE DEPARTMENT

PLAQUES

- BRIDGE PLAQUES SHALL BE LOCATED ON THE RIGHT HAND SIDE OF THE FIRST ABUTMENT ENCOUNTERED IN THE DIRECTION OF TRAVEL
- FOR CIP HEADWALLS AND PRECAST CONCRETE CULVERTS THE PLAQUE SHALL BE LOCATED AT INLET END
- ALL LETTERS AND NUMBERS CAST ON THE PLAQUE SHALL BE UPPERCASE UNIFORMS 65, EXCEPT NAME "ALBERTA" ON THE LARGE PLAQUE
- NAME "ALBERTA" ON LARGE PLAQUES OF MAJOR BRIDGES SHALL BE FOLLOWED IN ABSOLUTE DETAILS AS SHOWN. ANY DEVIATIONS REQUIRED FOR CASTING PURPOSES SHALL BE REVIEWED AND ACCEPTED BY THE DEPARTMENT
- BRIDGE NAME CAST ON THE LARGE PLAQUES OF MAJOR BRIDGES IS SITE SPECIFIC AND SHALL BE STREAM NAME OR BRIDGE STRUCTURE NAME AS APPLICABLE. THE BRIDGE NAME SHALL BE PLACED IN 2 OR 3 LINES AS REQUIRED
- FOR NEW BRIDGE CONSTRUCTION, THE "YEAR" SHALL BE THE YEAR IN WHICH CONSTRUCTION IS COMPLETED. FOR BRIDGE REHABILITATION, THE "YEAR" SHALL BE THE YEAR IN WHICH THE ORIGINAL BRIDGE CONSTRUCTION WAS COMPLETED. FOR FULL SUPERSTRUCTURE REPLACEMENTS, THE "YEAR" SHALL BE THE YEAR IN WHICH THE SUPERSTRUCTURE REPLACEMENT IS COMPLETED.
- BRIDGE SITE NUMBER AND STRUCTURE NUMBERS SHALL BE OBTAINED FROM THE BRIDGE ENGINEERING SECTION OF ALBERTA TRANSPORTATION
- ALL PLAQUES SHALL BE SUPPLIED WITH BLACK BAKED ENAMEL EVERYWHERE EXCEPT FOR FULL BORDERS AND ALL NUMBERS AND LETTERS WHICH SHALL BE EXPOSED ALUMINUM
- HEX HEAD CAP SCREWS SHALL CONFORM TO ASTM A307. NUTS AND WASHERS SHALL CONFORM TO ASTM A563 AND F436 RESPECTIVELY
- BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM F2329

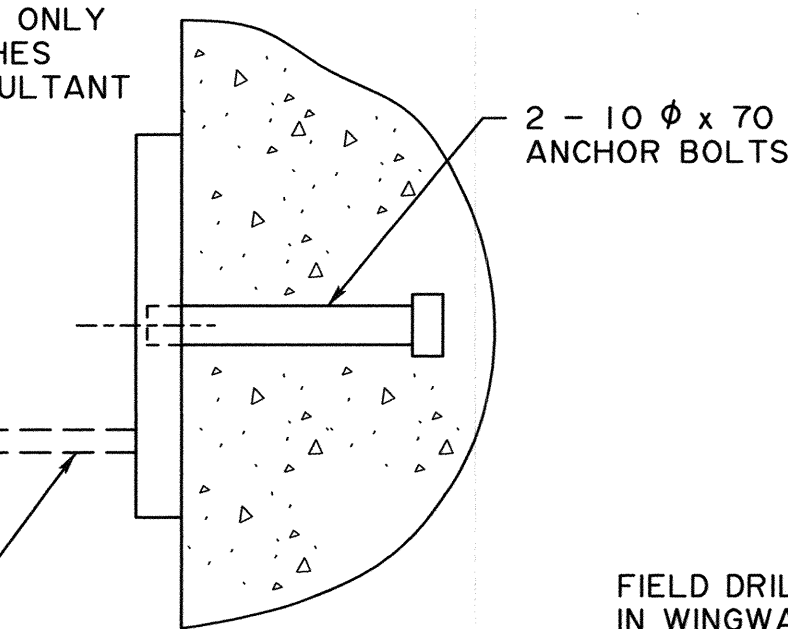
BENCH MARK TABLETS

- BRONZE BENCH MARK TABLETS SHALL BE INSTALLED ON MAJOR AND STANDARD BRIDGE STRUCTURES. THE SUPPLY, FABRICATION AND INSTALLATION OF BENCH MARK TABLETS SHALL BE IN ACCORDANCE OF THE STANDARD SPECIFICATION FOR BRIDGE CONSTRUCTION OF SECTION 13
- BENCH MARK TABLETS SHALL BE INSTALLED ON ABUTMENTS THAT ARE SUPPORTED ON PILES OR BEDROCK
- BENCH MARK TABLETS SHALL GENERALLY BE PLACED ON THE NORTH WEST CORNER OF THE ABUTMENT AND THE LOCATION OF THE BENCH MARK TABLETS SHALL BE CLEARLY MARKED ON THE SITE SPECIFIC DRAWINGS
- THE DEPARTMENT WILL ASSIGN A UNIQUE REFERENCE NUMBER FOR EACH BENCH MARK TABLET. THE NUMBER WILL BE PROVIDED BY THE DEPARTMENT'S SURVEY/IMAGERY COORDINATOR
- FINAL BENCH MARK ELEVATION (TO THE NEAREST 0.001 m) WILL BE DETERMINED BY THE CONSULTANT AFTER THE INSTALLATION OF THE BENCH MARK TABLET. THE FINAL BENCH MARK ELEVATION, AS WELL AS WHICH GEODETIC BASED BENCH MARK IT WAS TIED TO, WILL BE REPORTED TO THE DEPARTMENT'S SURVEY/IMAGERY COORDINATOR
- TWIN STRUCTURES WILL ONLY REQUIRE ONE BENCH MARK TABLET ON ONE OF THE STRUCTURES



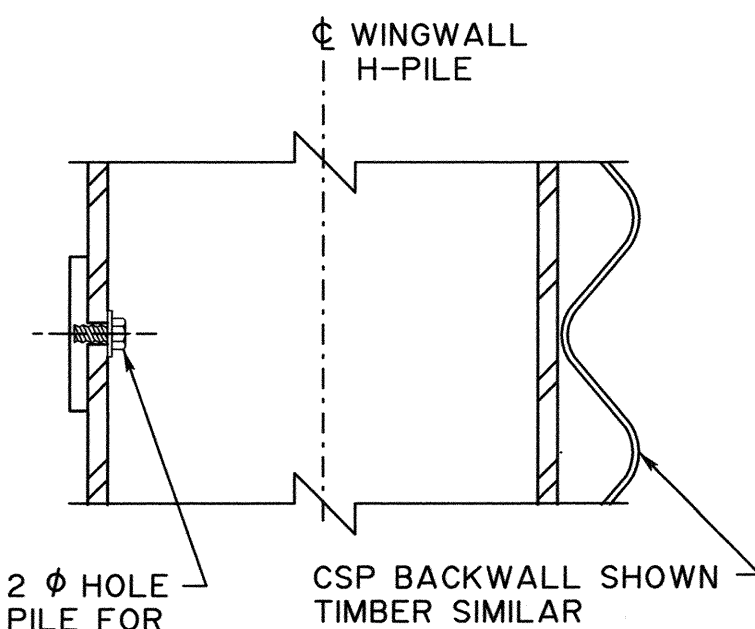
CASTING DETAILS

EXPOSED PLAQUE SURFACES SHALL BE PROTECTED FROM CONTAMINATION AT ALL TIMES. PROTECTION SHALL ONLY BE REMOVED AFTER ALL CONCRETE SURFACE FINISHES HAVE BEEN REVIEWED AND ACCEPTED BY THE CONSULTANT



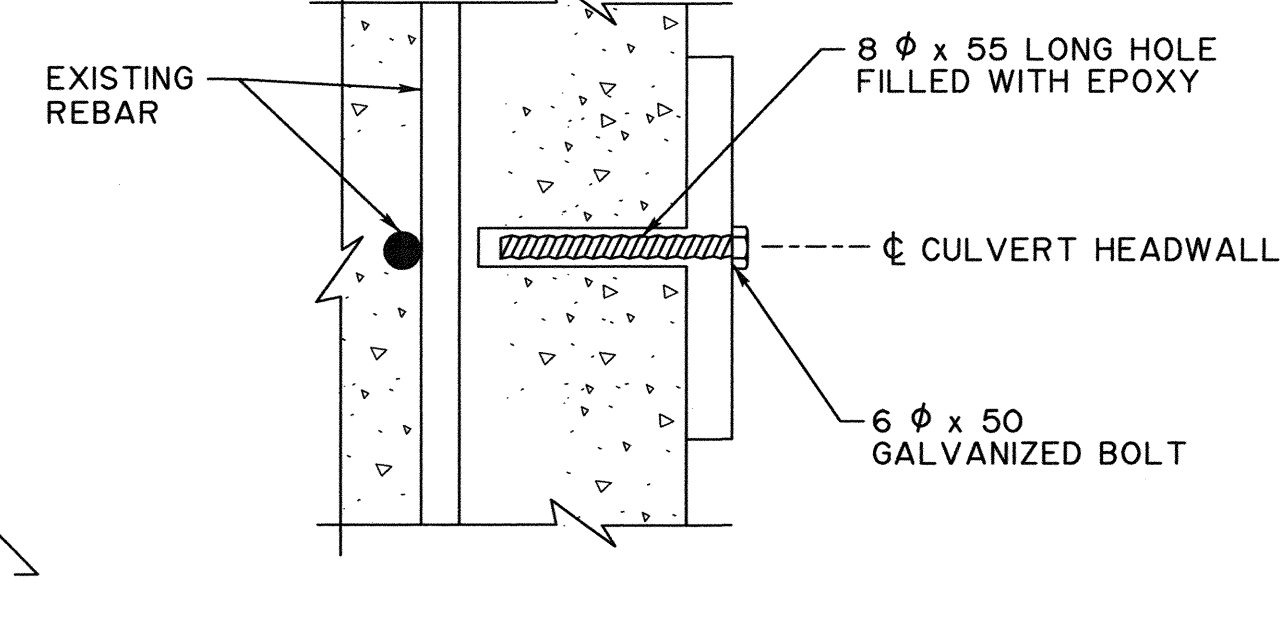
CAST IN PLACE CONCRETE

1:2



WINGWALL PILE

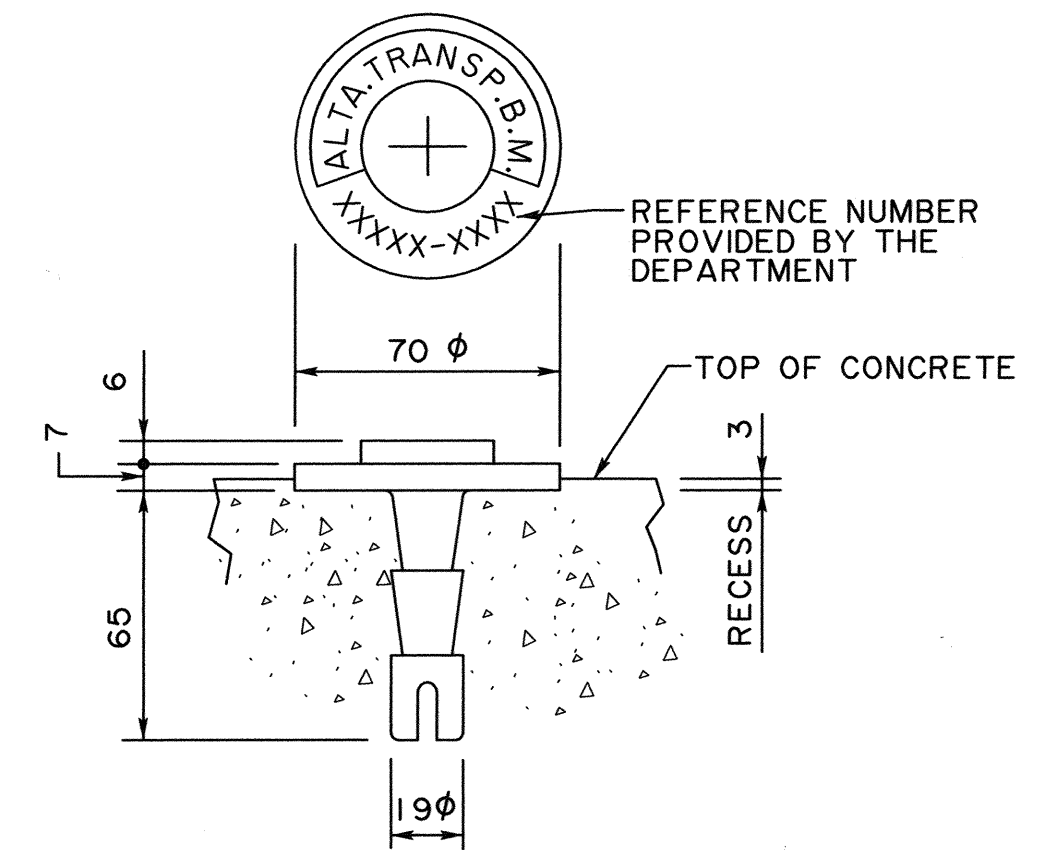
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CAST IN PLACE CONCRETE HEADWALLS AND PRECAST RCP AND PBC CULVERTS

(CIP SHOWN, PRECAST SIMILAR)

1:2



BENCH MARK TABLET

1:2

STANDARD BRIDGE/CULVERT PLAQUE

NOTE: CULVERT PLAQUES ARE ONLY REQUIRED FOR CULVERTS WITH CAST IN PLACE CONCRETE HEADWALLS OR PRECAST RCP OR PBC CULVERTS

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INSTALLATION DETAILS

1:5

MAJOR BRIDGE PLAQUE

STANDARD IDENTIFICATION PLAQUES AND BENCHMARK TABLET

DATE 2020-09-04 SHEET 1 OF 1 DRAWING S-1847-20