

CONCRETE WINGWALL

1:50

ALTERNATE CONCRETE WINGWALL

1:25

TIMBER OR CMP BACKWALL

(CMP 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 MILLIMETERS UNLESS OTHERWISE NOTED.
- FABRICATION AND INSTALLATION OF ALL IDENTIFICATION 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.
- CMP SIGNIFIES "CORRUGATED METAL PIPE."

#### PLAQUES

- IDENTIFICATION 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 UNIVERSE 65.
- THE "YEAR" SHALL BE THE YEAR IN WHICH CONSTRUCTION IS COMPLETED.
- ASSET ID NUMBERS SHALL BE OBTAINED FROM THE BRIDGE ENGINEERING SECTION OF GNWT-INF.
- 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 ALL BRIDGE STRUCTURES. THE SUPPLY, FABRICATION, AND INSTALLATION OF BENCH MARK TABLETS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR BRIDGE CONSTRUCTION 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.
- FINAL BENCH MARK ELEVATION (TO THE NEAREST 0.001 m) WILL BE DETERMINED BY THE DEPARTMENT REPRESENTATIVE 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.
- TWIN STRUCTURES WILL ONLY REQUIRE ONE BENCH MARK TABLET ON ONE OF THE STRUCTURES.

CAST-IN-PLACE CONCRETE

1:2

WINGWALL PILE

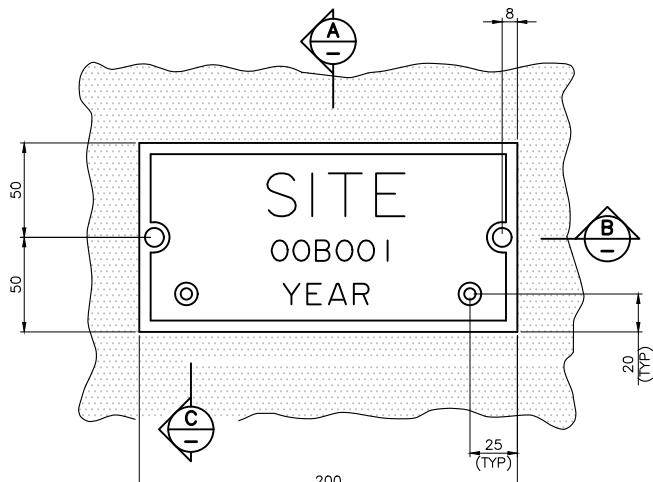
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CAST-IN-PLACE CONCRETE HEADWALLS AND PRECAST CONCRETE CULVERTS

(CIP SHOWN, PRECAST SIMILAR)

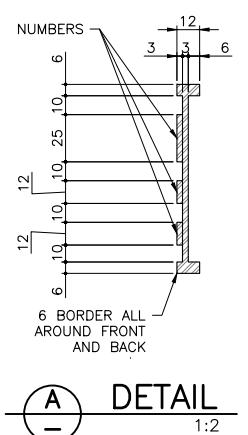
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#### INSTALLATION DETAILS



BRIDGE/CULVERT IDENTIFICATION PLAQUE

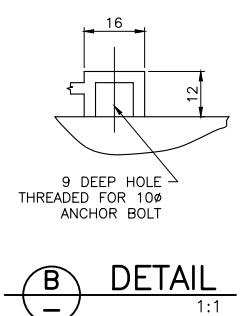
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DETAIL

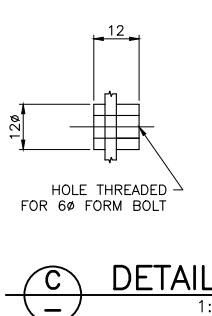
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B

DETAIL

1:1



C

DETAIL

1:1

		Consultant Logo
Rev	Date	Description
REVISIONS		
Government of Northwest Territories		
STANDARD DRAWING		
STANDARD ASSET ID PLAQUE		
AND BENCH MARK TABLET		
DESIGNED	K. HABEL	DATE OCTOBER 25, 2024
CHECKED	K. WILLIS	DATE OCTOBER 25, 2024
DRAWN	T. CHIU	DATE OCTOBER 25, 2024
SCALE	AS SHOWN	
		PREPARED UNDER THE DIRECTION OF
		K. HABEL
		ENGINEER OF RECORD
		DATE OCTOBER 25, 2024
PROJECT No.		DRAWING No.
S-001		
CANCEL PRINTS BEARING PREVIOUS LETTER		