

**MUNICIPAL DISTRICT OF WILLOW CREEK NO. 26
CHINOOK INTERMUNICIPAL SUBDIVISION AND
DEVELOPMENT APPEAL BOARD**

February 4, 2025; 1:30 pm

Hearing No. DP 144-24

Appellant: Foothills County

Applicant: Miles Laybourne

Landowner: 725301 Alberta Ltd.

LIST OF ADDITIONAL EXHIBITS

K. Foothills County Rural Approach Standards

Rural Approach Standards

5/15/2024



The Municipality retains the authority to allow for discretionary variances and the relaxation of standards for both existing and newly constructed approach(es). All accesses onto a Provincial Highway must be approved by Alberta Transportation. All subdivision and boundary adjustment approvals are subject to having proper legal access onto the proposed lot as well as legal access(es) for all other approach(es) onto the balance of the parcel. Only one approach is allowed for a parcel of 10 acres or less. All properties fronting an Internal Subdivision Road are required to access from the Internal Subdivision Road, not the Municipal Road. Removal of a common approach to create 2 individual approaches is not permitted. All approach(es) shall comply with the following guidelines:

Minimum Distances and Obstructions

- Sight distance on approach shall be as per **Table 1**.
- There shall be no obstruction on the approach (gate, curbing, fence, control box, mailbox, landscaping etc.).
- Approaches should be located directly across from existing approaches if possible.
- Approach shall not be closer than 60 m (197 ft.) from the centre line of an intersection, mailbox location, bridge, or any at-grade railway crossing.
- Approach shall not be closer than 15 m (50 ft.) from the centre line of an existing approach on the same side of the road.
- A 6.0 meter (20 ft.) buffer between any power pole, power pole anchor or utility pedestal to the beginning of the culvert end must be maintained.

Geometric Design

- Angle of the approach shall be 90 degrees to the roadway.
- The culvert length shall be sized to meet the toe of slope length minus 0.6m, 2x "N" in **Figure A**.
- **A standard approach** shall have a minimum surface width of 6 meters (20 ft.) at the property line with a 3 meter intersecting radius at the 12 meter (40 ft.) road allowance.
- **A common approach** shall have a minimum surface width of 9 meters (30 ft.) at the property line with a 3 meter intersecting radius at the 15 meter (50 ft.) road allowance.
- **A commercial approach** shall have a minimum surface width of 8 meters (26 ft.) at the property line with a 6 meter intersecting radius at the 20 meter (65 ft.) road allowance.
- The side slopes of the approach shall be a 3:1 ratio. NOTE: 3 meters (10 ft.) slope (length) for 1 meter (3 ft.) of rise (height).
- Maximum gradient of the approach shall not exceed +2% to -2% from the shoulder of the road to the property line or for a minimum distance of 8 meters (26 ft.). In the case of + 1% or greater gradient the surface must be crowned + 2% in both directions from the centre of the approach to accommodate for drainage.

Rural Approach Standards

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Materials

- Approach shall be built with the same material as of new or existing road (clay or granular type materials) at a minimum 250 millimeter gravel base and the surface structure the same as the abut road or under the discretion of the Municipality.
- **A gravel approach** shall be crushed gravel 20 mm (3/4 inch) at a minimum depth of 50 mm (2 inches).
- **A paved approach** shall be ACP at a minimum depth of 90 mm and shall meet the specifications of Commercial "B" mix asphalt for the City of Calgary. The approach shall be paved from the shoulder of the road to the property line or for a minimum distance of 8 meters (26 ft.). A field approach is exempt unless otherwise specified.
- If a culvert is required, it shall be of new corrugated steel, minimum 500 mm (20 inch) diameter with beveled ends (**See Figure A.**). All culvert couplers shall be buried below the depth of the ground cover over the culvert. Minimum ground cover over culvert is 0.3 meters (1 ft.).
- Rip Rap must be placed around the ends of the culvert as per **Figure B.**

Additional Items

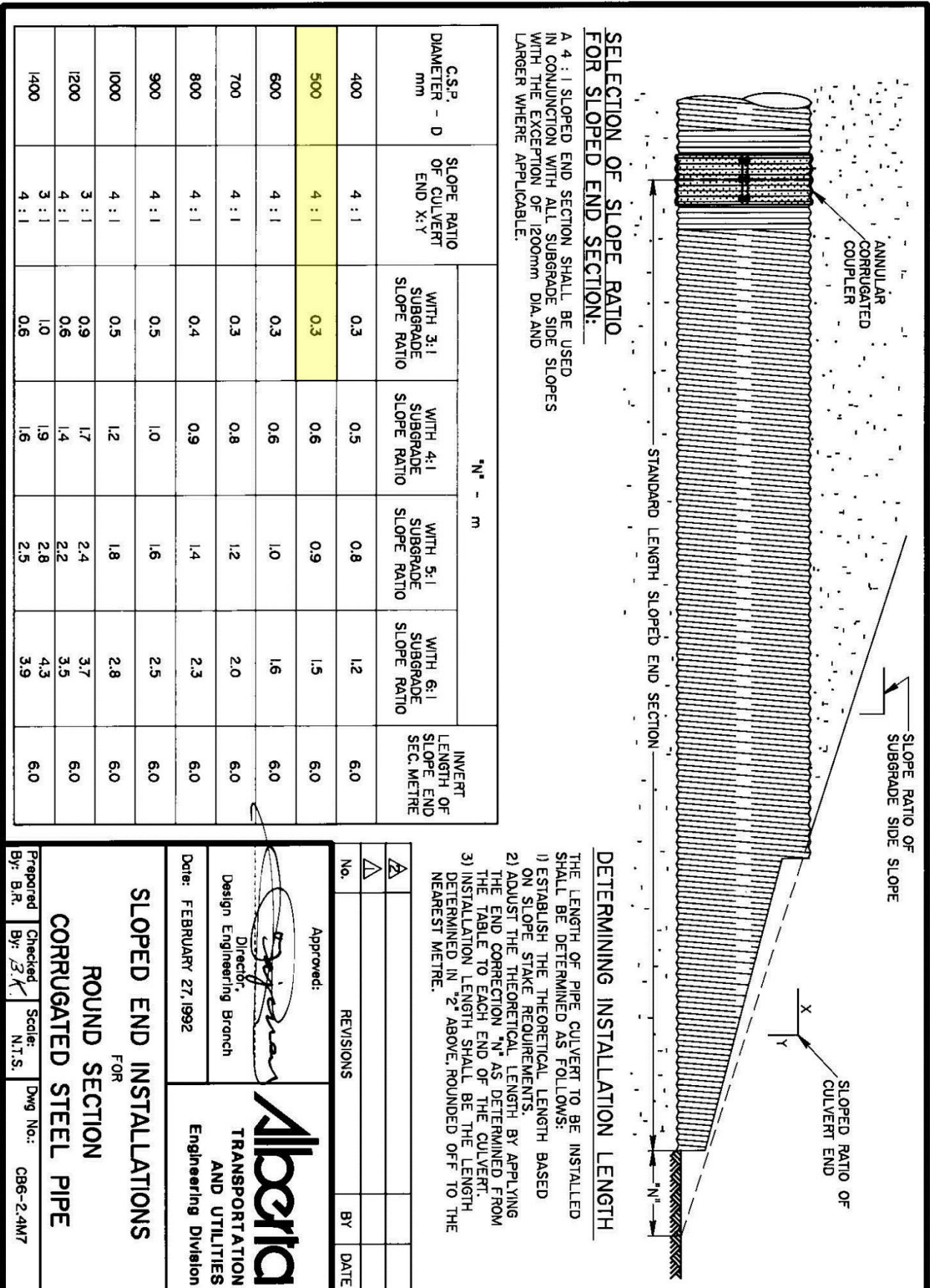
- All disturbed areas adjacent to the approach must be maintained to original grade, loamed, seeded and reclaimed in a manner to allow for natural grasses to re-grow.
- All debris or top soils must be removed from the road allowance and hauled to a safe distance so that no wash out is deposited onto the road allowance.
- Upon the completion of approach(s) construction onto the parcel, and acknowledging that all the above stated conditions have been met, notify the Foothills County for a final inspection.
- **CALL BEFORE YOU DIG!** Remember; call **1 800 242 3447** call before you dig and **Alberta One Call** will arrange to have buried utilities in your area located for you at no charge

TABLE-1
Sight Distance

The height of the object shall be 1.10 meter on the main road. The eye height shall be used at the intersection 1.10 meter for passenger vehicle and 1.80 meter for single unit trucks/buses.

Posted Speed (km/h)	Minimum sight distance required from intersecting road/approach (m)
40	65
50	90
60	115
80	180

Figure A.



Approved: _____

Director,
Design Engineering Branch

Date: FEBRUARY 27, 1992

Alberca
TRANSPORTATION
AND UTILITIES
Engineering Division

**SLOPED END INSTALLATIONS
FOR
ROUND SECTION
CORRUGATED STEEL PIPE**

Prepared By: B.R.	Checked By: B.K.	Scale: N.T.S.	Dwg No.: CB6-2.4M7
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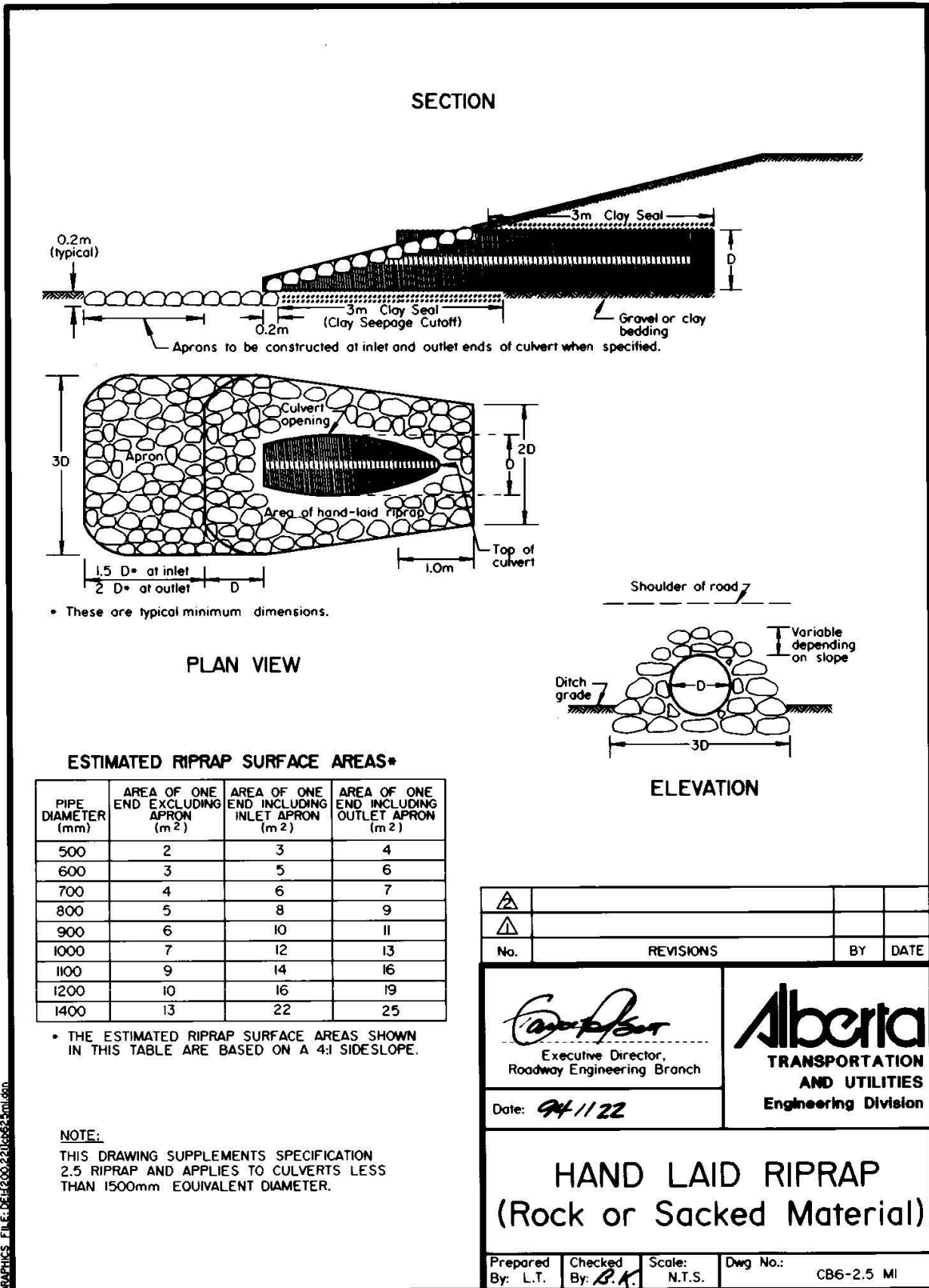
NO.	REVISIONS	BY	DATE

Rural Approach Standards

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Figure B.



GRAPHICS: FILE: DE:14200:221:cb62.5ml.dwg