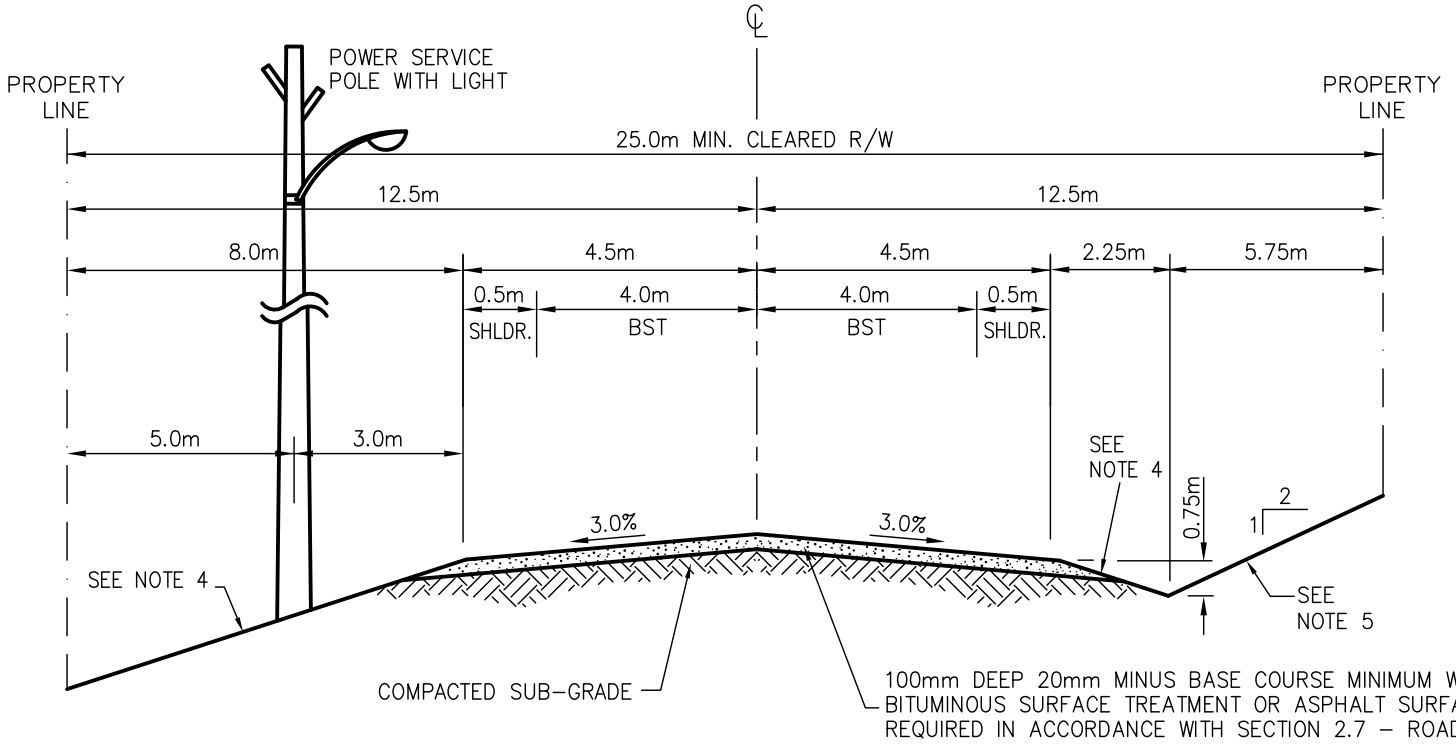
Whitehorse
THE WILDERNESS CITY

Engineering Department

9.0m RURAL COLLECTOR STREET SECTION
25.0m RIGHT OF WAY

DATE: JANUARY, 2020

STD DWG
C7.0



NOTES

1. MINIMUM ROAD STRUCTURE INDICATED – ROADWAY TO BE DESIGNED BASED ON SITE SPECIFIC SOIL CONDITIONS AND TRAFFIC LOADING. GRAVEL TO BE COMPACTED TO 98% STANDARD PROCTOR DENSITY.
2. SUBGRADE COMPACTED TO 98% STANDARD PROCTOR DENSITY.
3. DITCH DEPTH = 0.75m MIN. WATER FROM THE ROADWAY SHALL NOT DRAIN ONTO PRIVATE PROPERTY.
4. ROAD SIDE SLOPES FOR DEPTHS OF EMBANKMENT, TO BE DESIGNED BY A GEOTECHNICAL ENGINEER. RECOMMENDED SIDE SLOPES:

DEPTH OF FILL	SIDE SLOPE (MIN)
0–2	3:1
2.0–3.0	2:1
>3.0	1.5:1 (GUIDE RAIL AS REQUIRED)

WHERE GUIDE RAIL IS REQUIRED, ROAD IS TO BE WIDENED AS PER DWG E1.2

5. BACK SLOPES TO BE DESIGNED BY A GEOTECHNICAL ENGINEER. RECOMMENDED BACK SLOPE 2:1
6. MINIMUM CUL DE SAC RADIUS 14.0m
7. RTAC CLASSIFICATION RCU–60.
8. EASEMENTS REQUIRED FOR POWER POLE ANCHORS.
9. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
10. POWER POLE LOCATION APPROXIMATE ONLY – EXACT LOCATION DEPENDENT ON SIDE SLOPES AND TOPOGRAPHY.
11. DISTANCE FROM PROPERTY LINE TO POWER POLE IS TO BE 8m MIN FOR TRIPLE PHASE AND 6m MIN FOR SINGLE PHASE. ROAD ALIGNMENT IS TO BE SET BY MIN. CLEARANCES AND CONSTRAINTS DUE TO TOPOGRAPHY.