

NOTES:

- 1. SITE SURVEY PERFORMED MAY 30, 2022 BY McELHANNEY LTD.
- 2. LIDAR FLOWN IN 2018. 3. SITE COORDINATES/ELEVATIONS DERIVED FROM GPS TIES TO INTEGRATED MONUMENT
- 95H1887.
- N: 6041615.281m
- E: 523496.280m ELEV. 102.176m
- 4. THIS DRAWING IS METRIC DISPLAYED IN UTM NAD 83 ZONE 9 COORDINATES.
- 5. ELEVATIONS ARE IN METRES, BASED ON GEODETIC DATUM CVD28, ESTABLISHED BY GNSS TIES TO INTEGRATED MONUMENT 95H1887 USING GEIOD MODEL HT 2.0.
- 6. CONTOUR INTERVAL: MAJOR 5.0m MINOR 1.0m.

DISTURBANCE BEYOND THE ROAD RIGHT OF WAY.

- 7. ALL DIMENSIONS ARE IN METERS, UNLESS OTHERWISE NOTED.
- 8. LEGAL BOUNDARIES ARE APPROXIMATE FROM ParcelMap BC DATA. 9. LOCATIONS OF UNDER GROUND UTILITIES SHOWN ON PLAN ARE APPROXIMATE ONLY. INFORMATION MAY NOT BE COMPLETE OR ACCURATE. CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING UTILITIES AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

ENVIRONMENTAL

- 1. SEDIMENT MUST BE PREVENTED FROM ENTERING ANY WATERCOURSE, AS IT IS A VIOLATION UNDER THE FISHERIES ACT.
- 2. ALL WORK SHALL BE DONE IN A MANNER THAT WILL NOT RESULT IN DEPOSITION OF DEBRIS, SOIL,
- OR OTHER MATERIAL DELETERIOUS TO FISH, IN ANY WATERCOURSE. 3. ALL WORKS TO BE CONDUCTED FROM LAND, AND NO EQUIPMENT WILL BE PERMITTED IN ANY
- WATERCOURSE AT ANY TIME. 4. VERIFY RIP RAP TO BE USED IS CLEAN, IS OF SUITABLE QUALITY, AND IS PLACED SO AS NOT TO
- DISTURB NATURAL VEGETATION WITHIN THE RIPARIAN ZONE. 5. DISTURBANCE OF THE STREAMBANKS SHALL BE MINIMIZED. BANK STABILITY AND EROSION PREVENTION IS CRITICAL. LIMIT WORKS TO THE SURVEYED WORK AREA. THERE IS TO BE NO

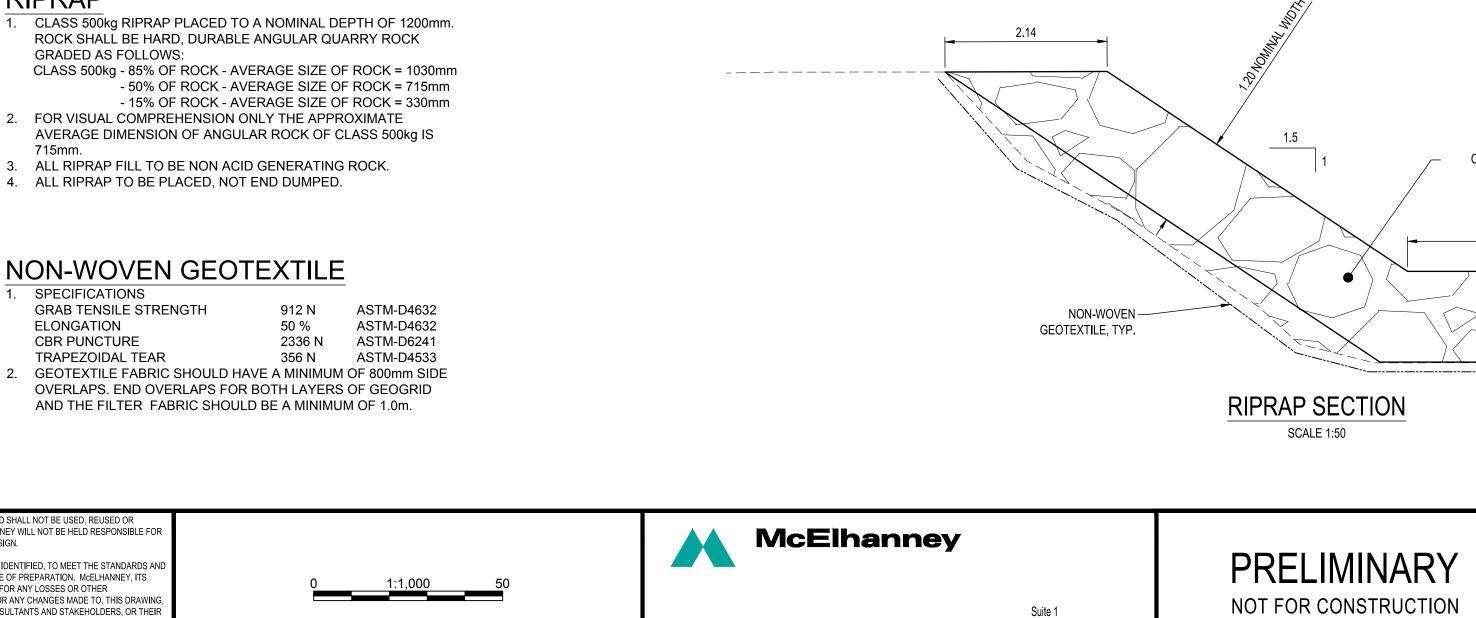
RIPRAP

- ROCK SHALL BE HARD, DURABLE ANGULAR QUARRY ROCK GRADED AS FOLLOWS: CLASS 500kg - 85% OF ROCK - AVERAGE SIZE OF ROCK = 1030mm
- 2. FOR VISUAL COMPREHENSION ONLY THE APPROXIMATE AVERAGE DIMENSION OF ANGULAR ROCK OF CLASS 500kg IS 715mm.
- 3. ALL RIPRAP FILL TO BE NON ACID GENERATING ROCK.
- 4. ALL RIPRAP TO BE PLACED, NOT END DUMPED.

NON-WOVEN GEOTEXTILE 1. SPECIFICATIONS

- GRAB TENSILE STRENGTH ELONGATION CBR PUNCTURE TRAPEZOIDAL TEAR
- GEOTEXTILE FABRIC SHOULD HAVE A MINIMUM OF 800mm SIDE OVERLAPS. END OVERLAPS FOR BOTH LAYERS OF GEOGRID AND THE FILTER FABRIC SHOULD BE A MINIMUM OF 1.0m.

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ANSI D (22" x 34")

THIS DRAWING HAS NOT BEEN APPROVED AND MAY CONTAIN ERRORS AND OMISSIONS

CITY OF TERRACE 5003 GRAHAM AVE., TERRACE, BC, V8G 1B3	Drawing No.	
KITSUMKALUM RIVER FLOOD MITIGATION KITSUMKALUM RIPRAP DESIGN	C-301	
PLAN, NOTES AND DETAILS	Project Number 2321-02079-00	Rev. PA

3.00 - EXISTING GROUND _ _ _ _ _ _ _ _ _

CLASS 500kg RIPRAP