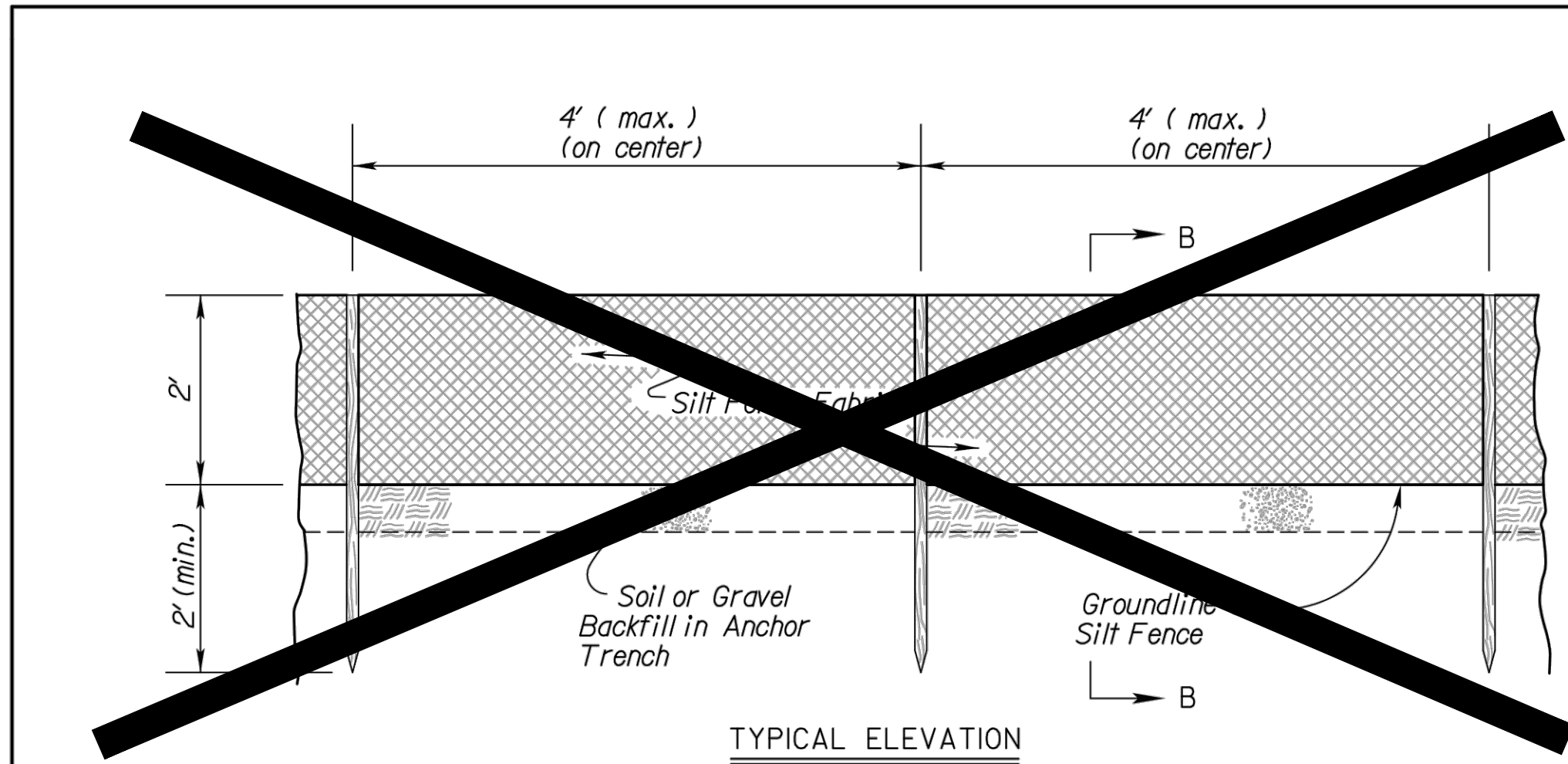


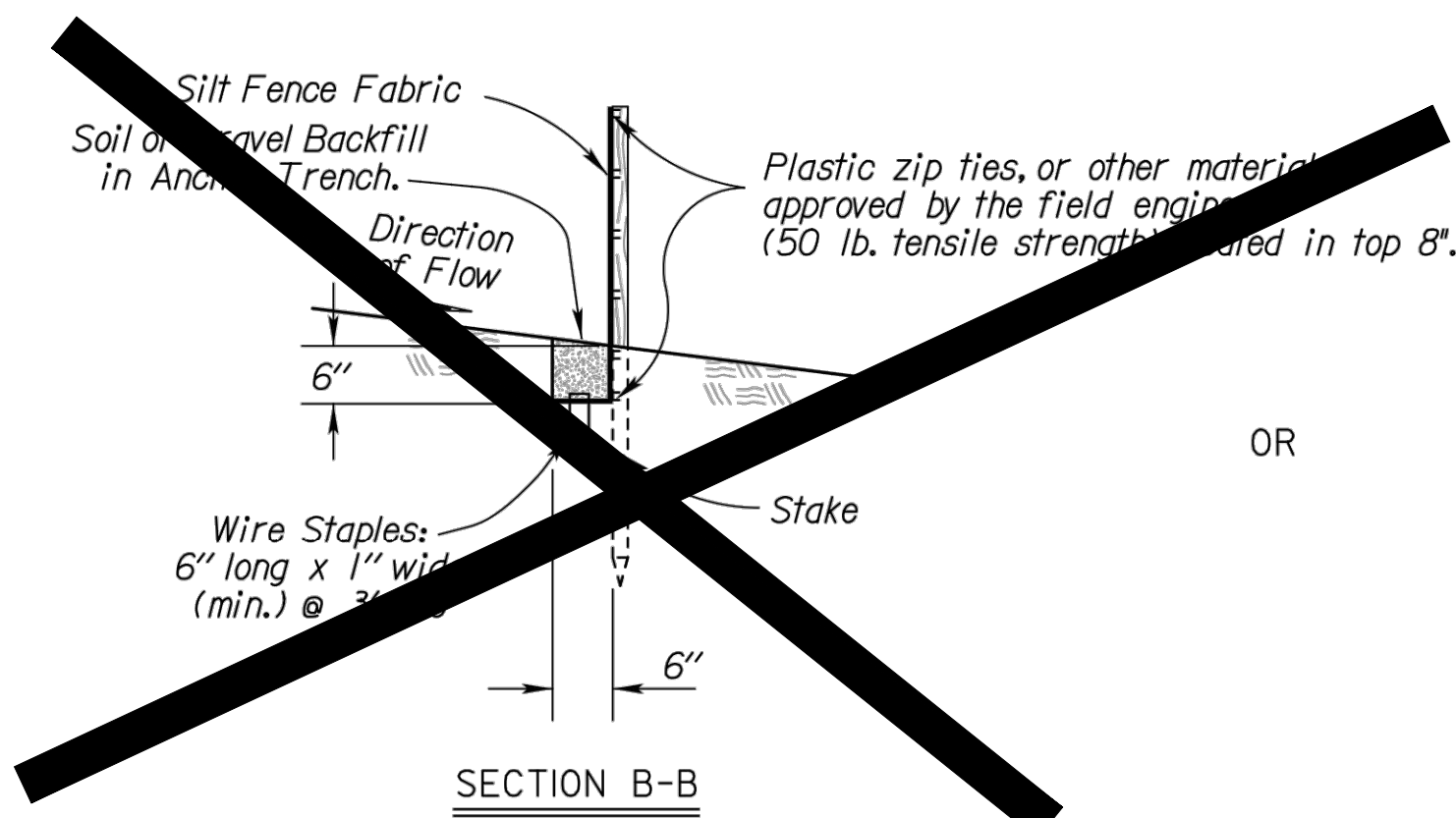
SAVED 6/14/2024 11:50:36 AM BY LUKE PETER
 PLOTTED 10/10/2024 1:52:18 PM BY LUKE PETER
 U:\WICHITA-CIVIL\2024\1210254\001\PEC\DRAWINGS\59-210254-001-CG506-BIODEGRADABLE LOG DETAILS.DWG

Std. Base Files
 Plotted By: melissa
 File: la852a.dgn
 Plot Date: 14-SEP-2016 13:07

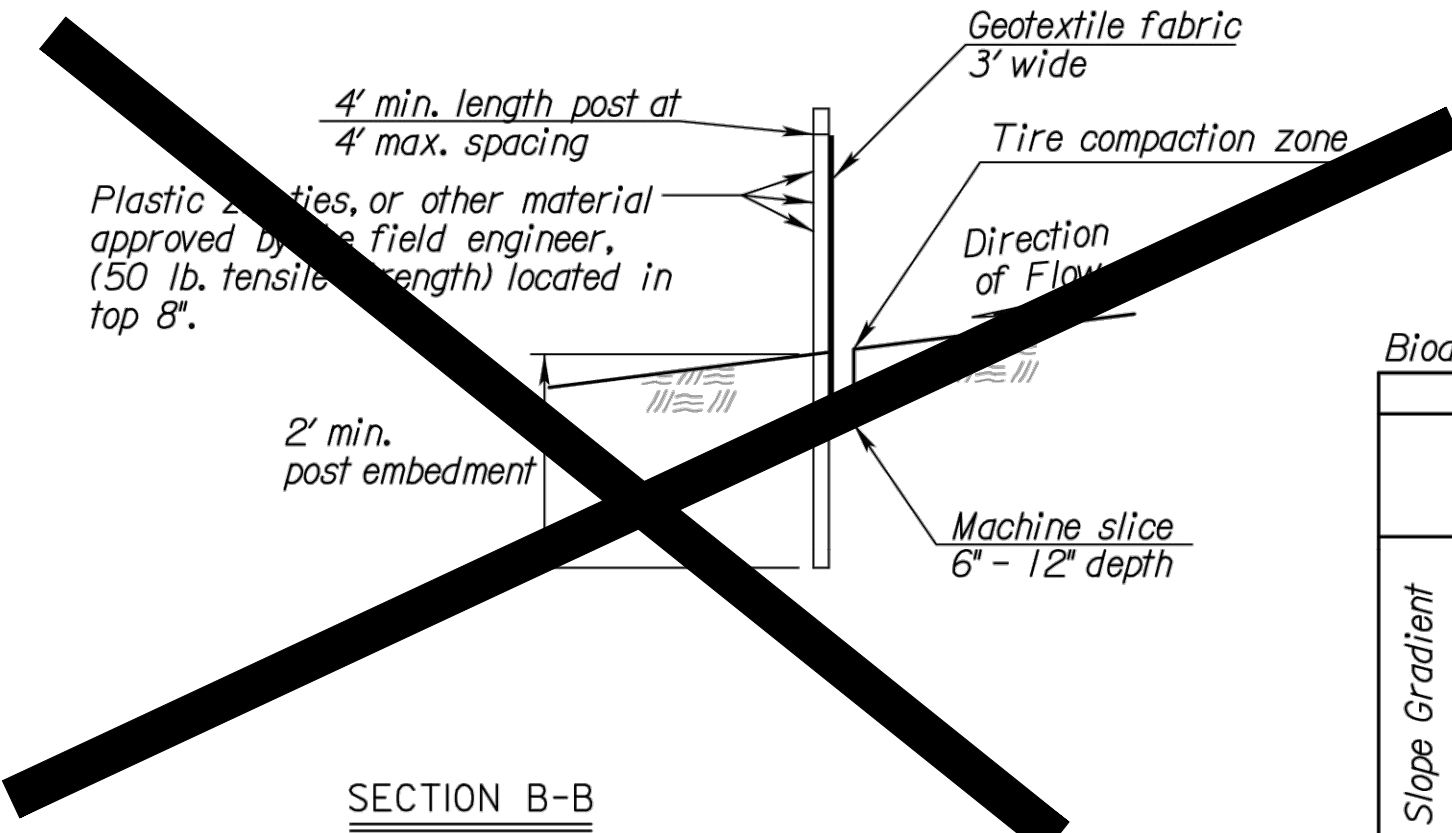


TYPICAL ELEVATION

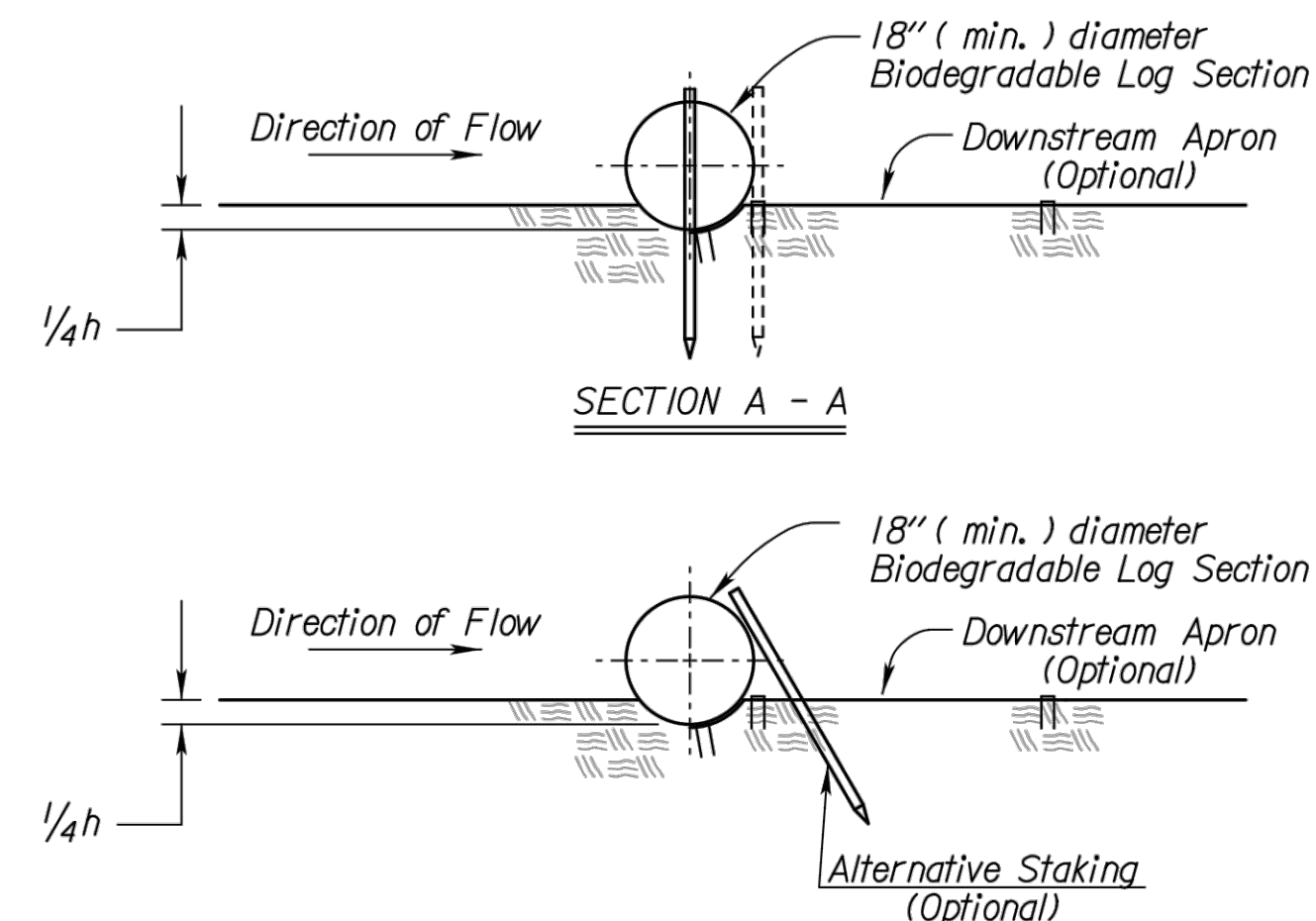
SILT FENCE BARRIER
 NO SCALE



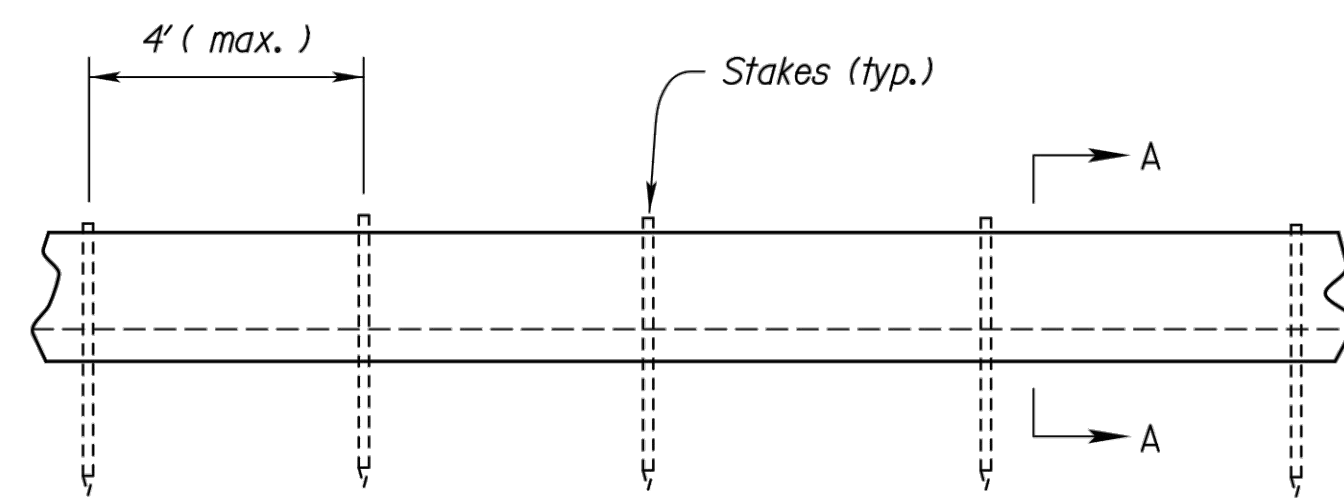
SECTION B-B



SECTION B-B



ALT. DETAIL
 OPTIONAL



TYPICAL ELEVATION

BIODEGRADABLE LOG SLOPE INTERRUPTIONS
 OR Filter Sock

INSTALLATION NOTES

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|--------|-------------|------|-----------|--------------|
| KANSAS | Project No. | 20XX | 0 | 0 |

- SILT FENCE:**
- Posts shall be 4' (min.) long and of one of the following materials:
 - Hardwood - 1 3/16" x 1 3/16";
 - Southern Pine (No. 2) - 2 5/8" x 2 5/8";
 - Steel U, T, L, or Channel - .95 thick x 1"-0"; or
 - Synthetic - same strength as wood stakes.
 - Attach fence fabric with zip ties within the top 8" of the fence. Alternate attachment methods may be approved by the Engineer on a per case basis.
 - High flow material is acceptable.
 - Refer to plan sheets to estimate the length of silt fence required.

BIODEGRADABLE LOG OR FILTER SOCK

- Place biodegradable logs or filter sock tightly together minimum overlap of 18".
- Wood stakes shall be 2" x 2" (nom.).
- Refer to plan sheets to estimate length of biodegradable log and filter sock required.
- Each log or sock (except compost filter socks) should be keyed into the ground at a minimum of 25% of its height. Compost filter socks should be placed on smooth prepared ground with no gaps between the sock and soil.
- Length of stakes should be 2 times the height of the log / sock with minimum ground embedment equal to the height of the log / sock.

Biodegradable Log or Filter Sock Slope Interruptions

| Slope Gradient | PRODUCT | | |
|----------------|--|--|--|
| | 9" Sediment Log or 8" Filter Sock (ft) | 12" Sediment Log or 12" Filter Sock (ft) | 20" Sediment Log or 18" Filter Sock (ft) |
| ≤4H:1V | 40 | 60 | 80 |
| 3H:1V | 30 | 45 | 60 |

| | BIODEGRADABLE LOG MATERIAL | |
|---------|----------------------------|--|
| | LOW FLOW | HIGH FLOW |
| 9" | Straw/Compost | Excelsior / Wood Chips / Coconut Fiber |
| 12" | Straw/Compost | Excelsior / Wood Chips / Coconut Fiber |
| 18"-20" | Straw/Compost | Excelsior / Wood Chips / Coconut Fiber |

Deviations should be approved by the Field Engineer.

GENERAL NOTES

- Slope interruptions shall be placed along contour lines, with a short section turned upgrade at each end of the barrier.
- The maximum length of the slope interruptions shall not exceed 250 feet, and the barrier ends need to be staggered.
- Interruptions damaged by Contractor's negligence, including improper maintenance or lack of maintenance, shall be repaired immediately by Contractor at no additional cost to KDOT.
- Agricultural products, such as native prairie hay, used for mulching and erosion control practices, excluding wood based mulch, shall meet the North American Weed Free Forage Standards.

| NO. | DATE | REVISIONS | BY | APP'D |
|-----|---------|------------------|-----|-------|
| 3 | 6/28/16 | Revised Standard | RA | SHS |
| 2 | 3/01/15 | Revised Standard | RA | SHS |
| 1 | 6/01/13 | Revised Standard | MRM | SHS |

| | | | |
|---|-----|------------|------------------|
| KANSAS DEPARTMENT OF TRANSPORTATION | | | |
| TEMPORARY EROSION AND POLLUTION CONTROL | | | |
| SLOPE INTERRUPTIONS | | | |
| BIODEGRADABLE LOG / SILT FENCE | | | |
| LA852D | | | |
| DESIGNED | SHS | DATE | 9/14/2016 |
| APP'D | RA | BY | Scott H. Shields |
| QUANTITIES | RA | CADD | |
| DESIGN CK. | SHS | DETAIL CK. | QUAN. CK. |

CADconform Certify This File Sheet No. 0



WEST STREET IMPROVEMENTS
 FROM MACARTHUR ROAD TO
 47TH ST. SOUTH
 CITY OF WICHITA

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| Issue: | |
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|-------------|--------------|
| JOB NO. | 210254-001 |
| DATE | OCTOBER 2024 |
| PM | TPA |
| DESIGNED BY | LGP |
| DRAWN BY | CP |
| CHECKED BY | KMS |

BIODEGRADABLE LOG DETAILS