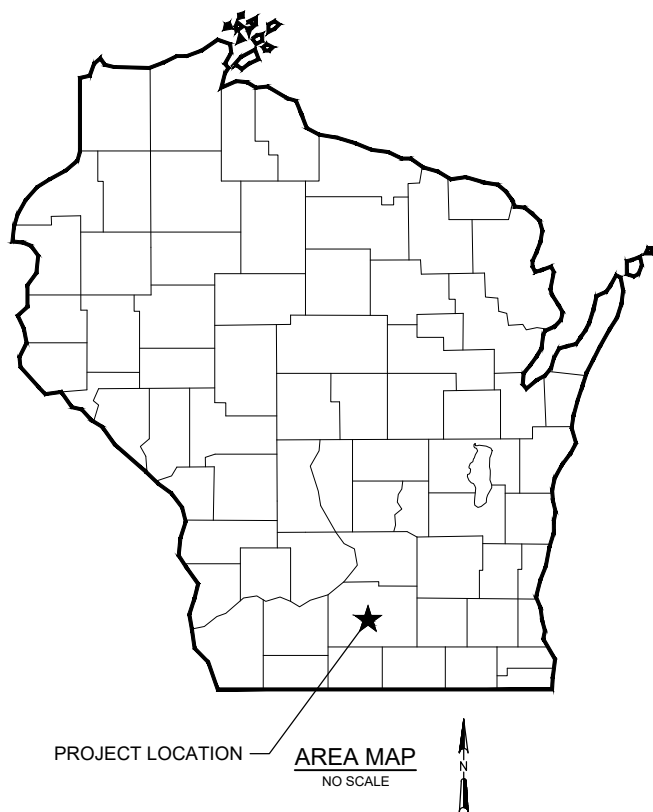
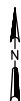


PLAENERT DRIVE TREE CLEARING
FOR
STRAND ASSOCIATES, INC.
MADISON, WI



PROJECT LOCATION MAP
NO SCALE



DRAWING LIST	
SHEET NO.	SHEET TITLE
1	TITLE
2	GENERAL NOTES AND LEGEND
3	EROSION CONTROL DETAILS
4	EROSION CONTROL PLAN
5	CLEARING AND GRUBBING PLAN
6	RESTORATION PLAN
7	EXISTING DITCH CROSS SECTIONS

Strand Associates, Inc.
910 West Wingra Drive
Madison, WI 53715
608-251-4843
www.strand.com

INTERNAL CONTRACT



PLAN SUBMISSION

SHEET
1

PROJECT CONTACTS

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RYAN.RUFF@STRAND.COM

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CMHUGHES@CITYOFMADISON.COM

WRIGHT MIDDLE SCHOOL

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ALLIANT ENERGY

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AT&T WISCONSIN

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RD1238@ATT.COM

CHARTER COMMUNICATIONS CO.

2701 DANIELS STREET
MADISON, WI 53718
CONTRACT: NEIL HUNTAMER
OFFICE: 608-219-1321
NEIL.HUNTAMER@CHARTER.COM

LEGEND

EXISTING

	EXISTING RIGHT OF WAY
	EXISTING PROPERTY LINE
	EXISTING GAS LINE
	EXISTING SANITARY SEWER
	EXISTING WATER MAIN
	EXISTING STORM SEWER
	EXISTING TELEPHONE LINE
	EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING FIBER OPTIC LINE
	EXISTING FENCE
	CONTROL POINT
	EXISTING BENCHMARK
	SOIL BORING
	EXISTING DECIDUOUS/CONIFEROUS TREE
	EXISTING TREE STUMP
	EXISTING MANHOLE
	EXISTING INLET
	EXISTING CATCH BASIN
	EXISTING POWER POLE
	EXISTING LIGHT POLE
	EXISTING SIGN
	EXISTING GAS VALVE
	EXISTING WATER VALVE
	EXISTING WATER MANHOLE
	EXISTING FIRE HYDRANT

PROPOSED

	PROPOSED GAS LINE
	PROPOSED SANITARY SEWER
	PROPOSED WATER MAIN
	PROPOSED WATER MAIN W/ CASING
	PROPOSED STORM SEWER
	PROPOSED TELEPHONE LINE
	PROPOSED UNDERGROUND ELECTRIC LINE
	PROPOSED FIBER OPTIC LINE
	PROPOSED FENCE
	PROPOSED SILT FENCE
	PROPOSED SHEET PILING
	PROPOSED INLET PROTECTION
	PROPOSED END CAP
	PROPOSED WATER VALVE
	PROPOSED FIRE HYDRANT
	PROPOSED SANITARY SEWER MANHOLE
	PROPOSED STORM SEWER MANHOLE
	PROPOSED INLET

GENERAL NOTES AND LEGEND

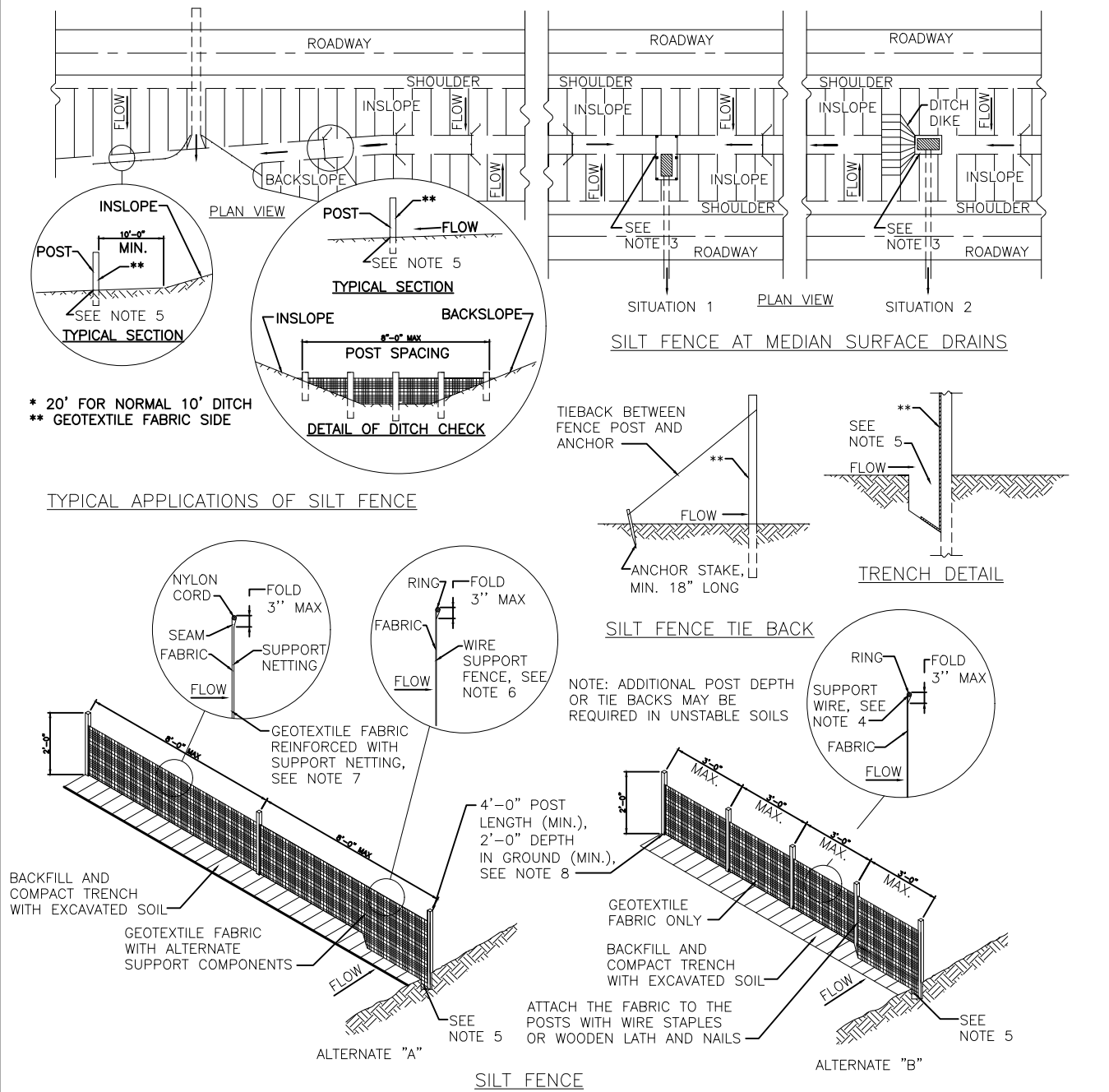
PLAENERT DRIVE TREE CLEARING
CITY OF MADISON
DANE COUNTY, WISCONSIN

JOB NO.
1121.166

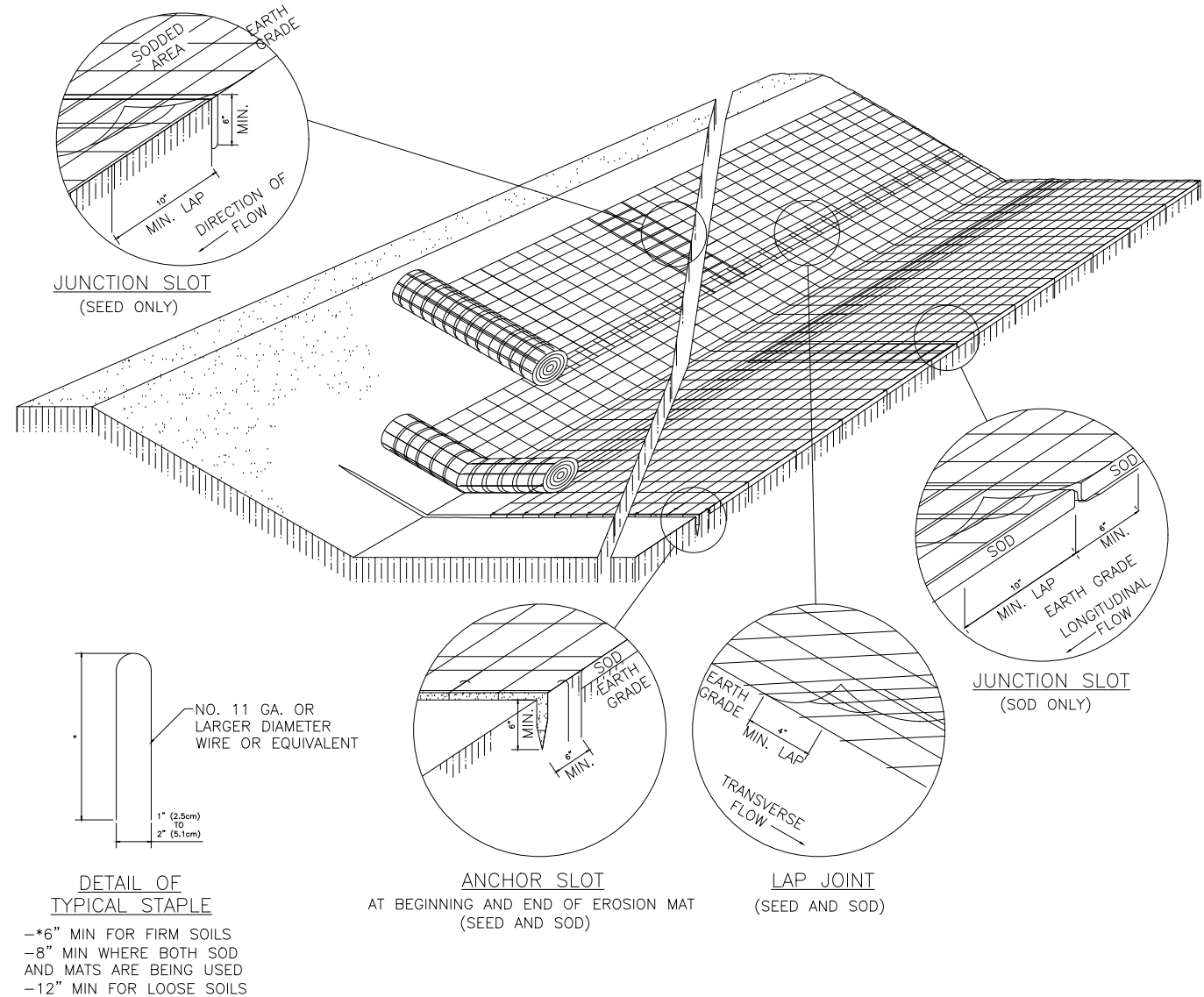
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- NOTES:**
1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
 2. WHEN POSSIBLE THE SILT FENCE SHOULD BE CONSTRUCTED IN AN ARC OR HORSESHOE SHAPE, WITH THE ENDS POINTING UPSLOPE TO MAXIMIZE BOTH STRENGTH AND EFFECTIVENESS.
 3. CROSS BRACE WITH 2"x4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
 4. MINIMUM 14 GAGE WIRE REQUIRED, FOLD FABRIC 3" OVER THE WIRE AND STAPLE OR PLACE WIRE RINGS ON 12" C-C.
 5. EXCAVATE TRENCH A MINIMUM OF 4" WIDE AND 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC, FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
 6. WIRE SUPPORT FENCE SHALL BE 14 GAGE MINIMUM WOVEN WIRE WITH A MAXIMUM MESH SPACING OF 6". SECURE TOP OF GEOTEXTILE FABRIC TO TOP OF FENCE WITH STAPLES OR WIRE RINGS AT 12" C-C.
 7. GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLYPROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF 1/4" OR EQUAL. A HEAVY DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED.
 8. STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM WEIGHT OF 1.2 LBS/LINEAR FOOT WITHOUT ANCHORS, OR ANCHORS SUFFICIENT TO RESIST POST MOVEMENT ARE REQUIRED. WOOD POSTS SHALL BE A MINIMUM SIZE OF 4" DIAMETER, OR 2 1/2" X 3 1/2", EXCEPT WOOD POSTS FOR GEOTEXTILE FABRIC REINFORCED WITH NETTING SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OAK OR HICKORY.
 9. ALTERNATES A AND B ARE EQUAL AND EITHER MAY BE USED.



- NOTES:**
1. DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
 2. VARIATIONS IN THE DIMENSIONS OR MATERIALS SHOWN HEREON SHALL BE PERMITTED IF THEY PROVIDE EQUIVALENT PROTECTION AND MATERIAL STRENGTH.
 3. LAP JOINTS SHALL NOT BE PLACED IN THE BOTTOM OF V-SHAPED DITCHES.
 4. JUNCTION SLOTS ON ADJACENT STRIPS OF MATTING SHALL BE STAGGERED A MINIMUM OF 4 FEET APART.
 5. EDGES OF THE EROSION MAT SHALL BE IMPRESSED IN THE SOIL.
 6. EROSION MAT SHALL BE MEASURED AND PAID FOR IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

EROSION MAT OVER SOD

- ONLY JUTE FABRIC WILL BE PERMITTED OVER SOD.
- FLOOD STAKES FOR SOD MAY BE OMITTED IF THE EXISTING SLOPE AND SOIL CONDITIONS SO PERMIT.
- THE WIDTH OF EROSION MAT SHALL ALWAYS EQUAL THE SOD WIDTH.
- SOD STRIPS MAY BE PLACED EITHER LONGITUDINALLY OR TRANSVERSELY TO THE FLOW LINE OF THE DITCH.

EROSION MAT OVER SEEDING

- JUNCTION OR ANCHOR SLOTS SHALL BE AT MINIMUM INTERVALS OF 100 FEET ON GRADES UP TO AND INCLUDING 3 PERCENT, AND 50 FEET ON GRADES EXCEEDING 3 PERCENT.

EROSION CONTROL DETAILS

PLAENERT DRIVE TREE CLEARING
CITY OF MADISON
DANE COUNTY, WISCONSIN

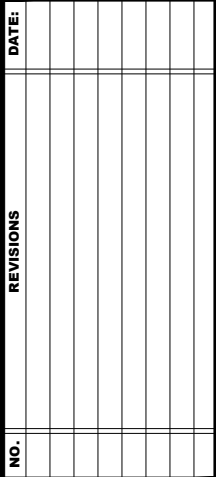
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1. EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.
2. POST EROSION CONTROL PERMIT ON-SITE.
3. CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTION AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5-INCHES OR GREATER.
4. CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE.
5. CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM
6. POLYMER SHALL BE APPLIED TO DISTURBED AREAS THAT ARE NOT RESTORED WITHIN 7 DAYS OR AS DIRECTED BY THE ENGINEER.



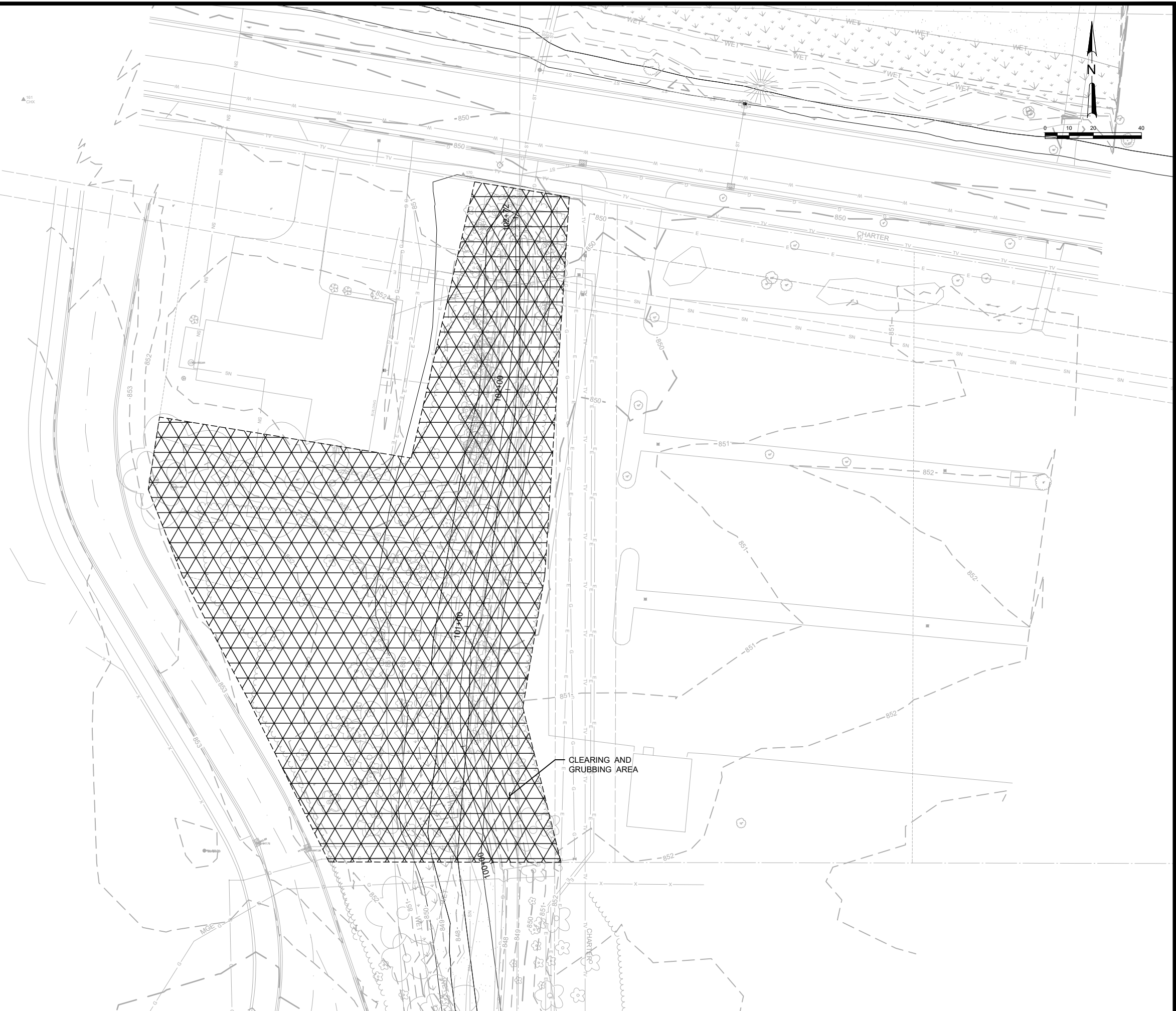
PLAENERT DRIVE TREE CLEARING
CITY OF MADISON
DANE COUNTY, WISCONSIN



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1. ALL TREE STUMPS SHALL BE COMPLETELY REMOVED BY EXCAVATION AT LEAST 12-INCHES BELOW THE ORIGINAL GROUND AREA.
2. CONTRACTOR SHALL PROVIDE A DISPOSAL AREA FOR ALL TREES, STUMPS, LIMBS, BRUSH AND VEGETATION FROM THE PROJECT. CHIPS MUST BE REMOVED FROM THE SITE.
3. STUMPS, ROOTS, BRUSH, LOGS, LIMBS, AND OTHER DEBRIS RESULTING FROM CLEARING AND GRUBBING SHALL NOT BE BURNED.
4. DO NOT REMOVE TREES AND SHRUBS LOCATED BEYOND THE CLEARING LIMITS UNLESS THE ENGINEER SPECIFICALLY AUTHORIZES THEIR REMOVAL.

[illegible]

PLAENERT DRIVE TREE CLEARING
CITY OF MADISON
DANE COUNTY, WISCONSIN

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1. RESTORATION SHALL CONFORM TO CITY OF MADISON SPECIFICATIONS.
2. THE SITE SHALL BE GRADED TO MAINTAIN THE ORIGINAL TOPOGRAPHY. NO FILL IS PERMITTED IN WETLAND OR FLOODPLAIN AREAS.
3. ALL AREAS TO BE SEEDDED SHALL BE LIGHTLY WORKED TO CREATE A SEEDBED SUITABLE FOR GERMINATION AND GROWTH OF VEGETATION. EXISTING WEEDS, DEBRIS, AND OTHER FOREIGN MATTER SHALL BE REMOVED AND PROPERLY DISPOSED OF BY THE CONTRACTOR AS NECESSARY FOR GOOD SOIL TO SEED CONTACT. THE CONTRACTOR SHALL SUBMIT THEIR SEEDING PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCING SEED INSTALLATION.
4. WOODY AND HERBACEOUS CONTROL WORK SHALL INCLUDE NOT LESS THAN THREE FOLLOW UP MAINTENANCE VISITS CONDUCTED APPROXIMATELY THIRTY, SIXTY, AND NINETY DAYS FOLLOWING CLEARING AND GRUBBING TO TREAT ANY RE-SPROUTS AND/OR NEW SEEDLINGS. ALL MAINTENANCE VISITS MUST BE CONDUCTED DURING THE GENERALLY RECOGNIZED GROWING SEASON WHILE THE VEGETATION IS ACTIVELY GROWING AND NOT DORMANT.

[illegible]

RESTORATION PLAN

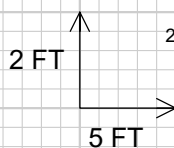
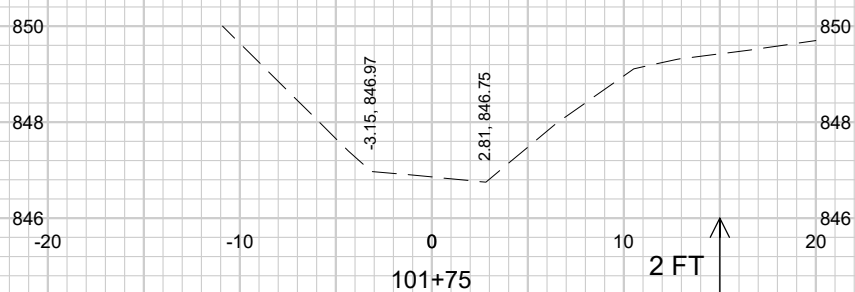
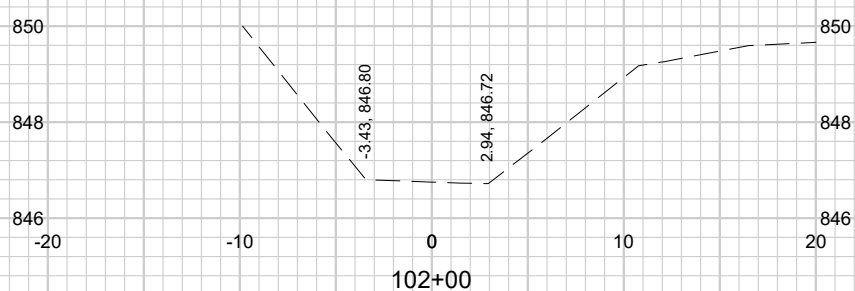
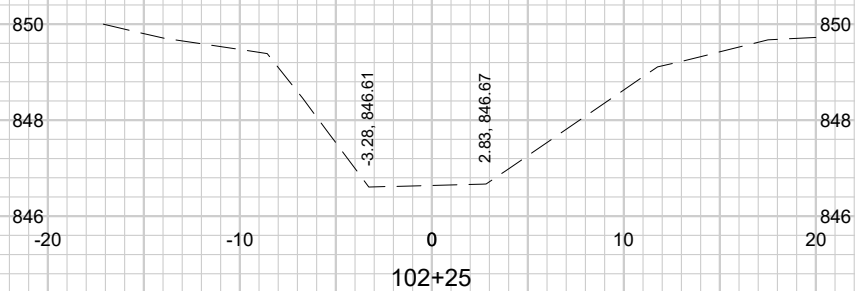
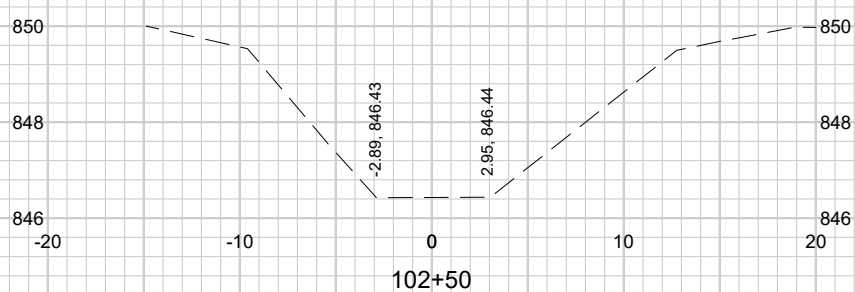
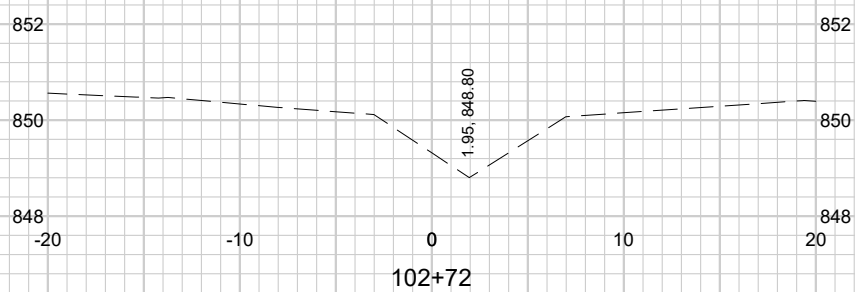
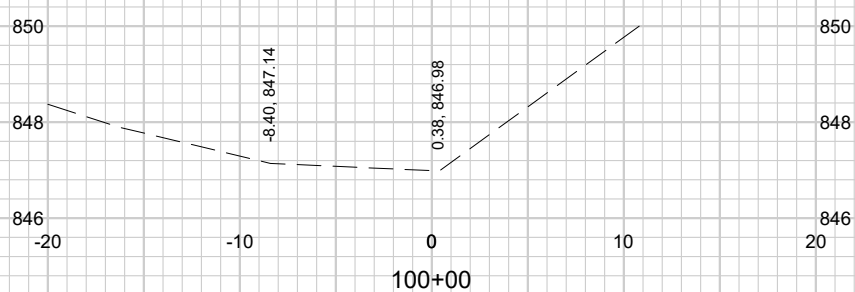
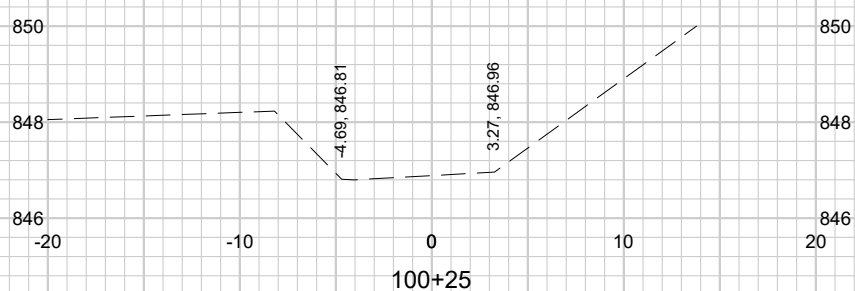
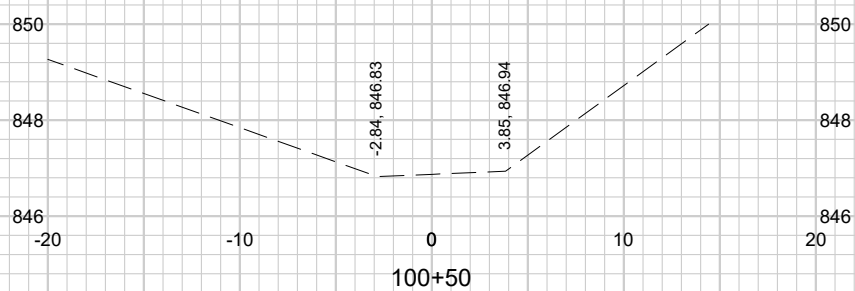
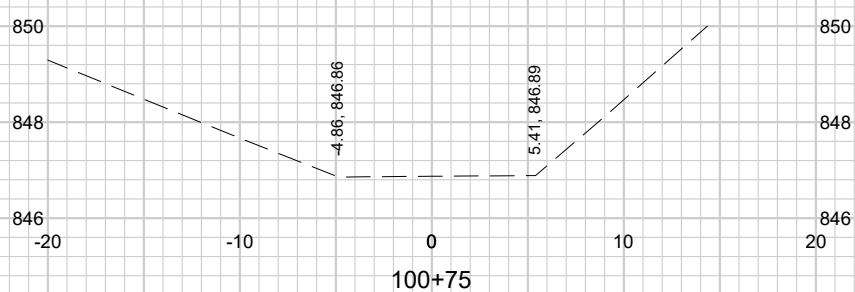
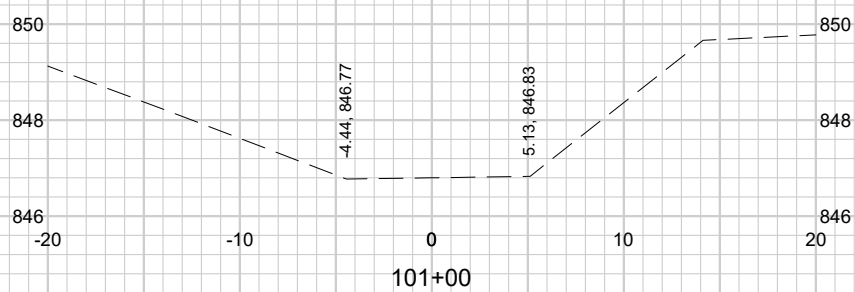
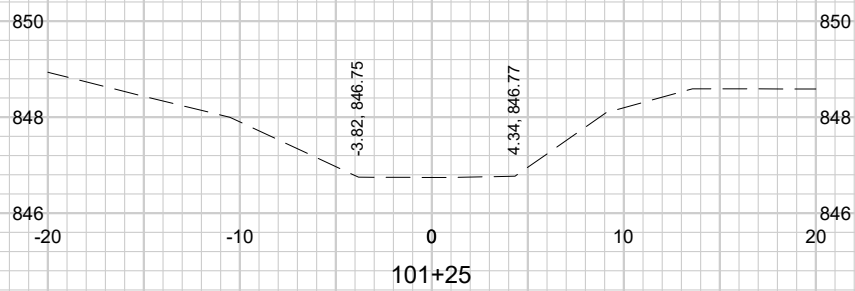
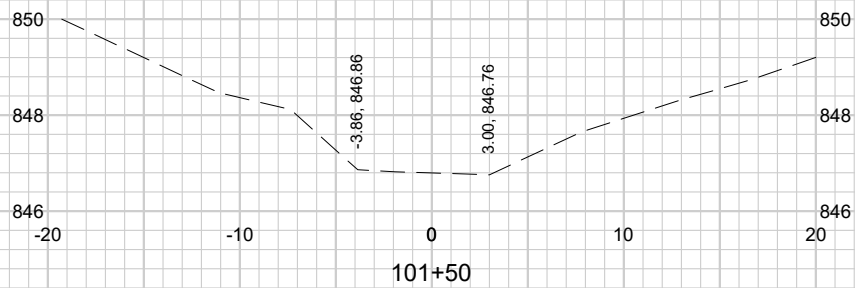
**PLAENERT DRIVE TREE CLEARING
CITY OF MADISON
DANE COUNTY, WISCONSIN**

JOB NO.
1121.166

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EXISTING DITCH CROSS SECTIONS

PLAENERT DRIVE TREE CLEARING
CITY OF MADISON
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