

NATIVE GRASS
AND FORB MIX:
POLLINATOR AND
BUTTERFLY MIX

7.75 MILE
MARKER

SCREEN
PLANTINGS TO
HIDE MANHOLES

NATIVE GRASS
AND FORB MIX:
POLLINATOR AND
BUTTERFLY MIX

QUARRY HEIGHTS LAKE

CONTRACTOR SHALL MONITOR WATER LEVELS IN FLAT BRANCH CREEK AND RAINFALL
PREDICTIONS. CONTRACTOR TO TAKE ALL NECESSARY ACTIONS TO PREVENT FLAT BRANCH
CREEK FROM BACKING UP INTO THE QUARRY HEIGHTS LAKE DUE TO CONTRACTOR'S ACTIVITIES.

0 20 40
SCALE: 1" = 20'

MAINTENANCE STRATEGY:
AREA MOWED BY P&R
STAFF ANNUALLY TO
PROMOTE FLOWERS AND
PRAIRIE PLANTS

NATIVE GRASS
AND FORB MIX:
POLLINATOR AND
BUTTERFLY MIX

PROPOSED TREE PLANTING

- LARGE TREES: SYCAMORE (PT), SWAMP WHITE OAK (SW), PIN OAK (PO), RED OAK (RO), SILVER MAPLE (SM), KENTUCKY COFFEE TREE (KC), CATALPA (CT), WALNUT (WT)
- SMALL TREES: RED BUD (RB), PAW PAW (PP), BUCKEYE (BE), SASSAFRAS (SA), PERSIMMON (PE), SANDBAR WILLOW (SW)
- LARGE SHRUBS: BLACKHAW VIBURNUM (BV), HAZELNUT (HN), WITCHHAZEL (WH), SMOOTH SUMAC (SS), BLACK CHOKECHERRY (BC)

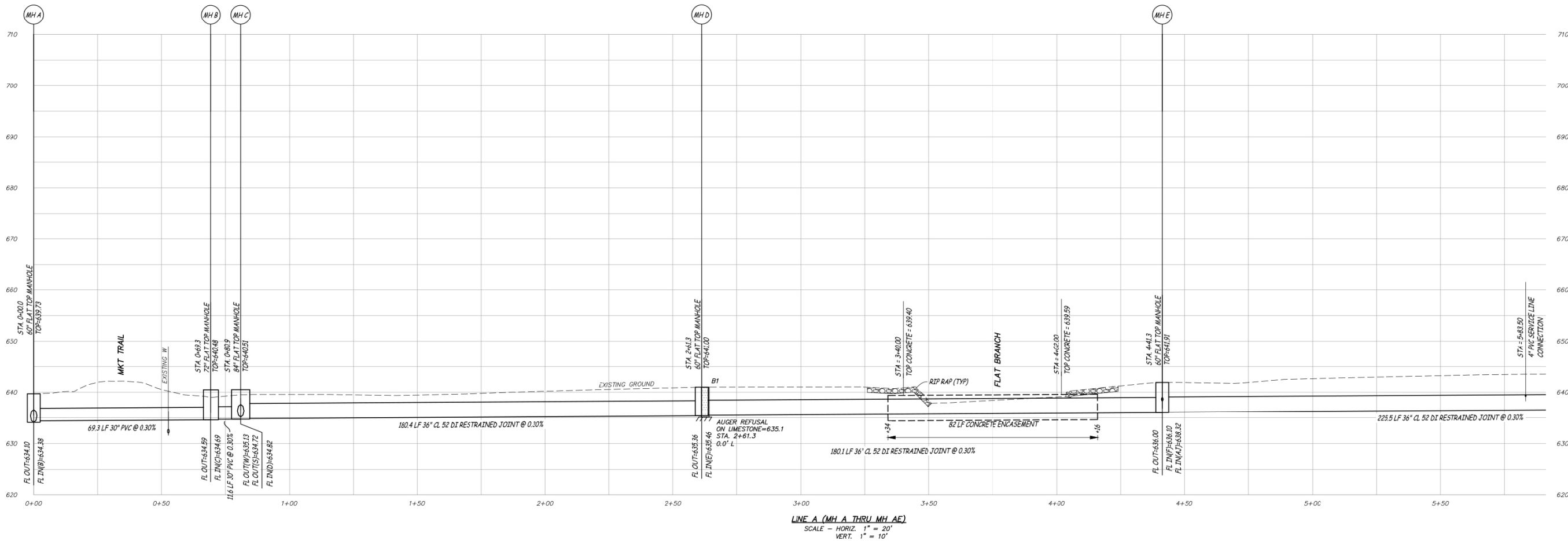
MAINTENANCE STRATEGY:
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EXISTING WATER LINE FIELD VERIFICATION

CONTRACTOR SHALL FIELD VERIFY ALL EXISTING WATER LINE LOCATIONS AT
PROPOSED SPLIT STEEL CASING LOCATIONS AND AT THE FLAT BRANCH
STREAM CROSSING PRIOR TO INSTALLING ANY NEW SEWER PIPE OR MANHOLES.

CONCRETE CASING NOTE

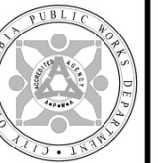
TOP OF PROPOSED CONCRETE CASING SHALL BE LOWER THAN THE TOP OF
THE ADJACENT EXISTING CONCRETE CASING, WHEN MEASURED PERPENDICULAR
TO THE PROPOSED SEWER PIPE.



FLAT BRANCH WATERSHED
RELIEF SEWER PROJECT 1
SANITARY SEWER PLAN & PROFILES

City of Columbia, Missouri
Department of Public Works

Engineering Surveys and Services
1377 N. Main Street, Suite 200
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Phone: 660-336-3545
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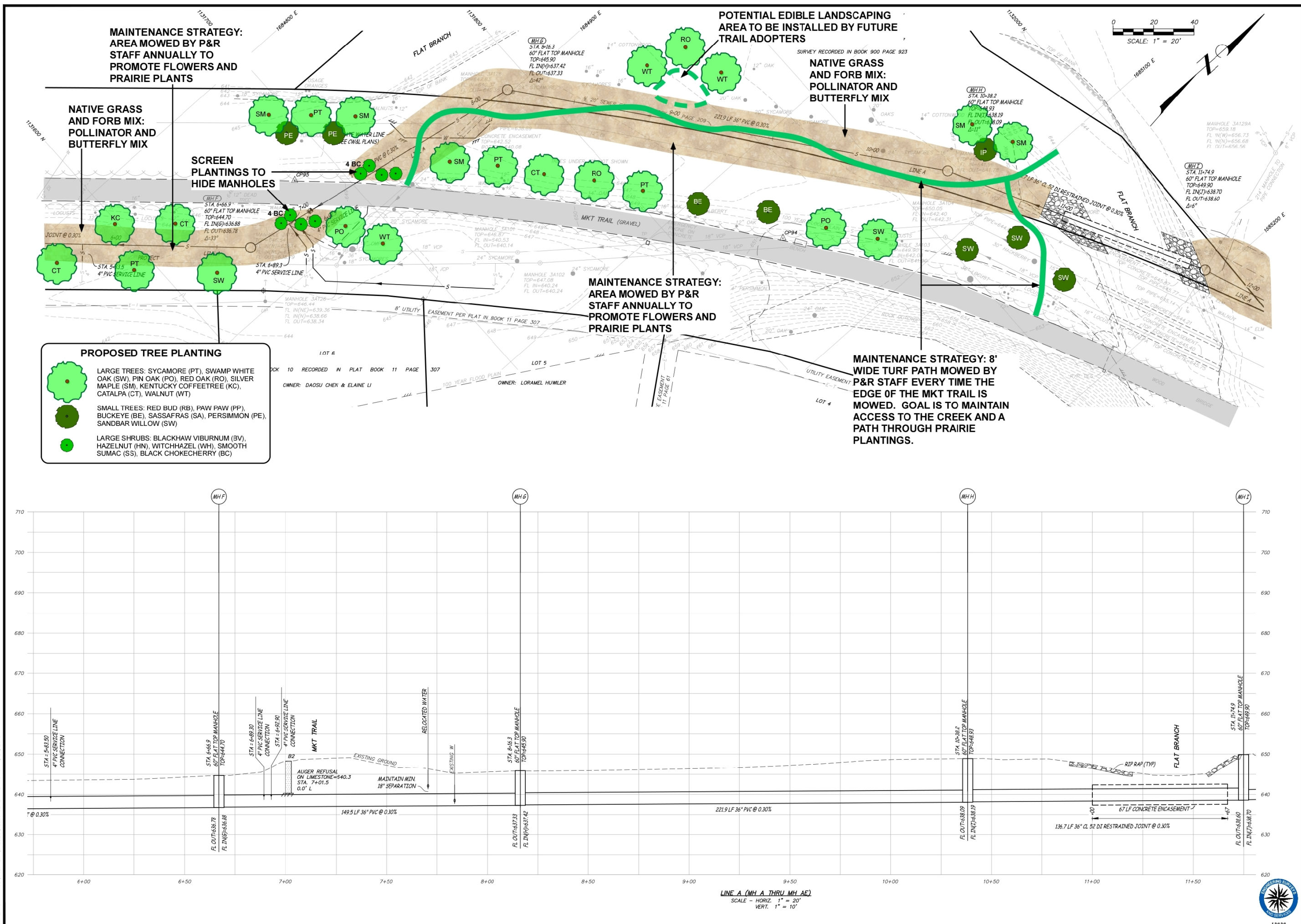
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MAINTENANCE STRATEGY:
AREA MOWED BY P&R
STAFF ANNUALLY TO
PROMOTE FLOWERS AND
PRAIRIE PLANTS

NATIVE GRASS
AND FORB MIX:
POLLINATOR AND
BUTTERFLY MIX

SCREEN
PLANTINGS TO
HIDE MANHOLES

POTENTIAL EDIBLE LANDSCAPING
AREA TO BE INSTALLED BY FUTURE
TRAIL ADOPTERS

NATIVE GRASS
AND FORB MIX:
POLLINATOR AND
BUTTERFLY MIX

MAINTENANCE STRATEGY:
AREA MOWED BY P&R
STAFF ANNUALLY TO
PROMOTE FLOWERS AND
PRAIRIE PLANTS

MAINTENANCE STRATEGY: 8'
WIDE TURF PATH MOWED BY
P&R STAFF EVERY TIME THE
EDGE OF THE MKT TRAIL IS
MOWED. GOAL IS TO MAINTAIN
ACCESS TO THE CREEK AND A
PATH THROUGH PRAIRIE
PLANTINGS.

PROPOSED TREE PLANTING

- LARGE TREES: SYCAMORE (PT), SWAMP WHITE OAK (SW), PIN OAK (PO), RED OAK (RO), SILVER MAPLE (SM), KENTUCKY COFFEETREE (KC), CATALPA (CT), WALNUT (WT)
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Revision	By	Date

**FLAT BRANCH WATERSHED
RELIEF SEWER PROJECT 1
SANITARY SEWER PLAN & PROFILES**

City of Columbia, Missouri
Department of Public Works

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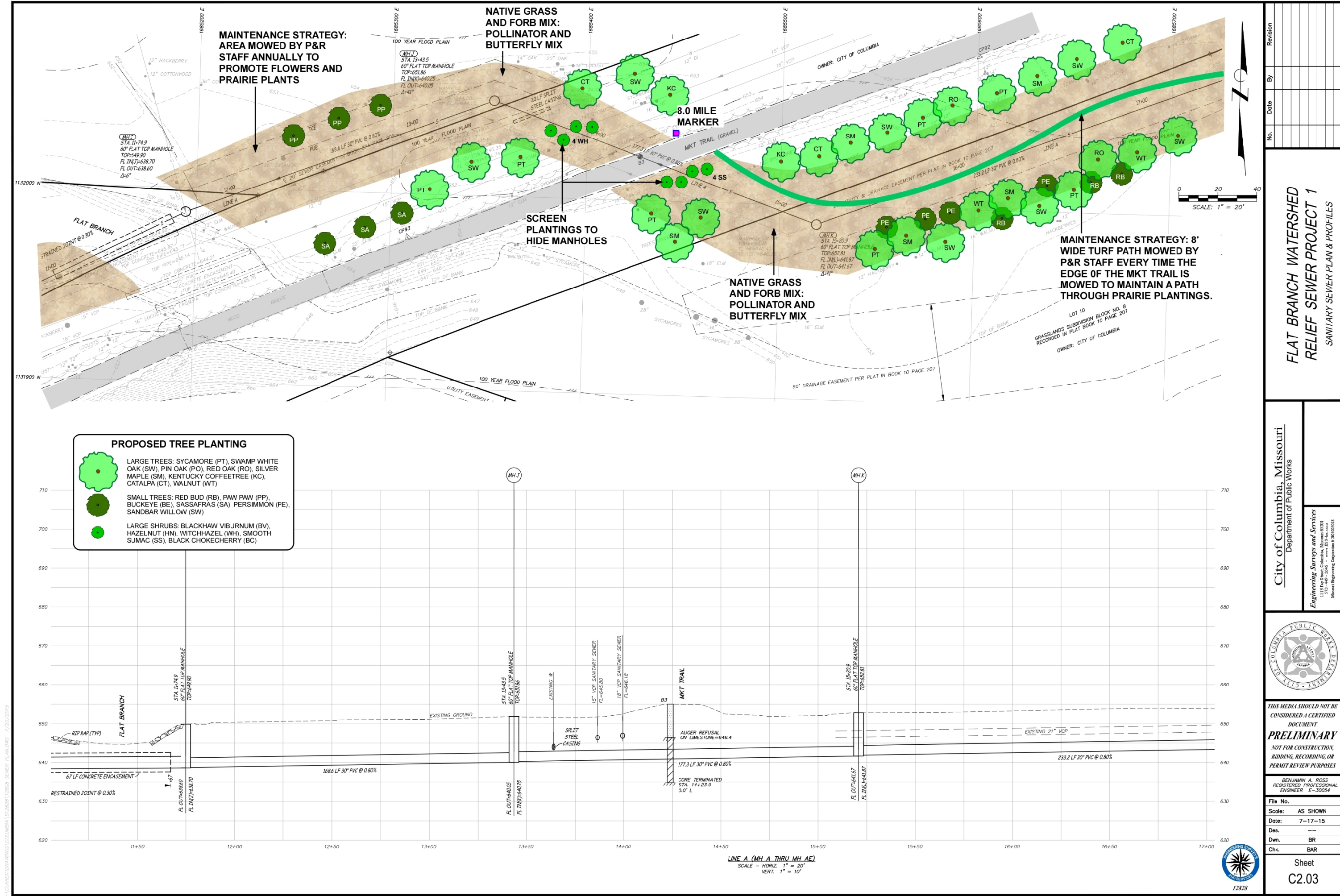
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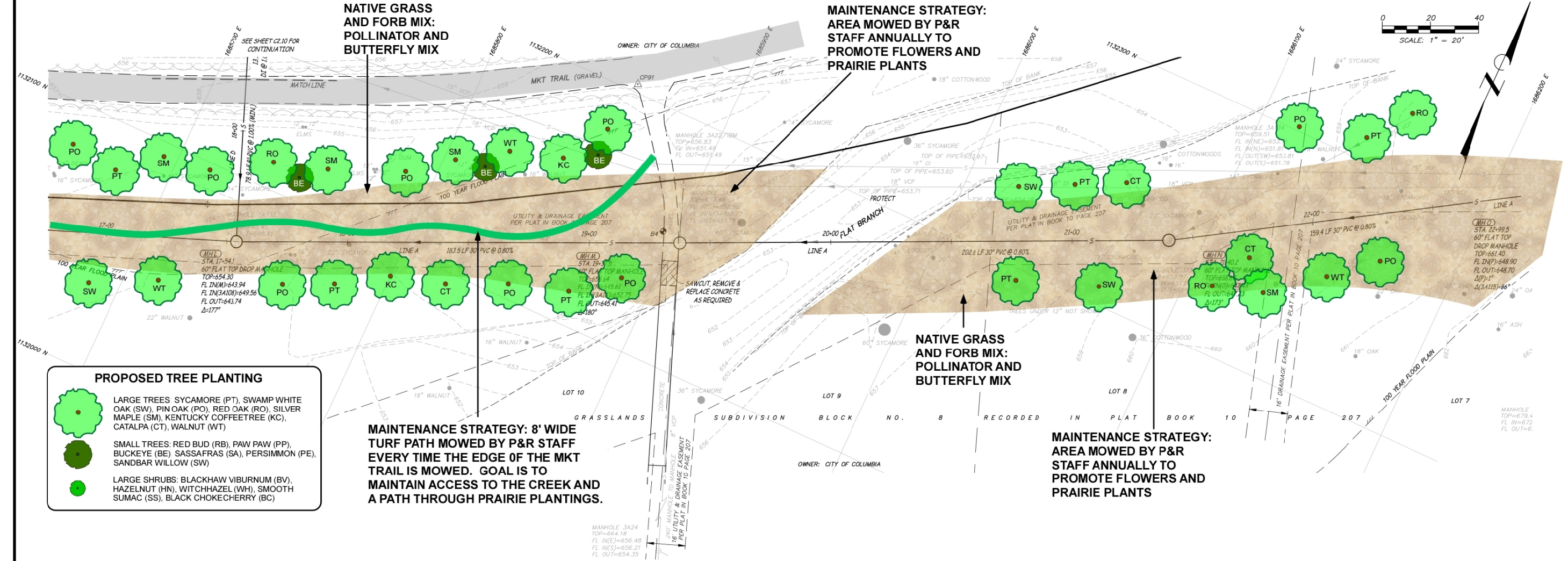
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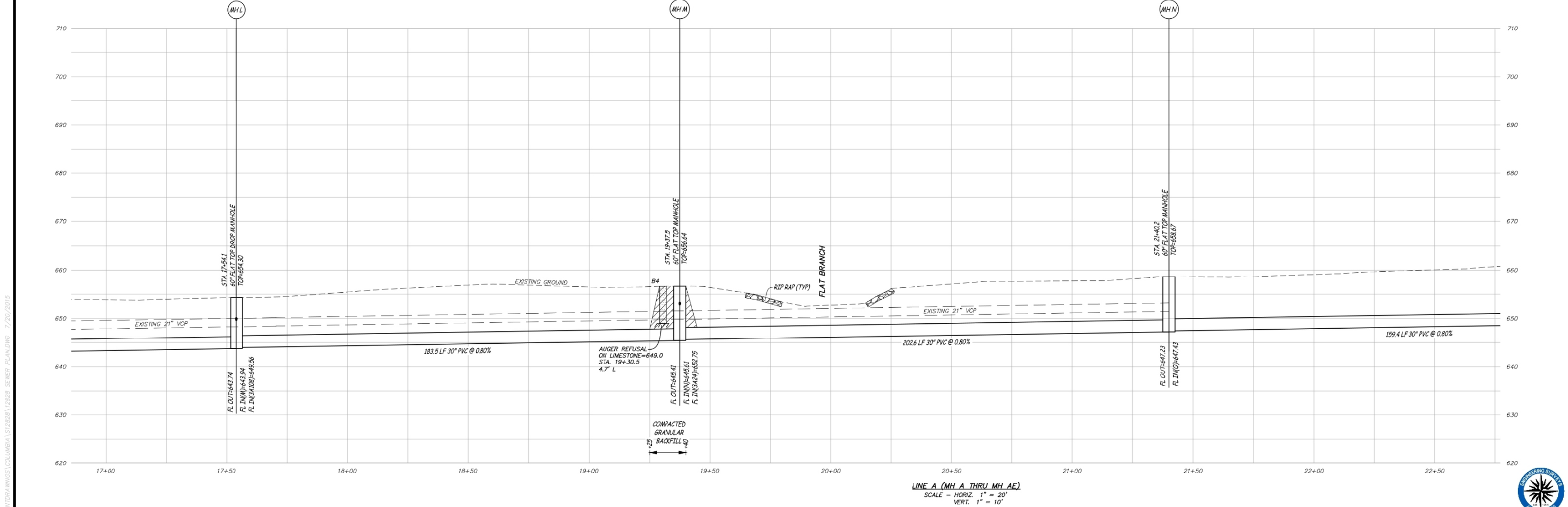
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- LARGE TREES: SYCAMORE (PT), SWAMP WHITE OAK (SW), PIN OAK (PO), RED OAK (RO), SILVER MAPLE (SM), KENTUCKY COFFEE TREE (KC), CATALPA (CT), WALNUT (WT)
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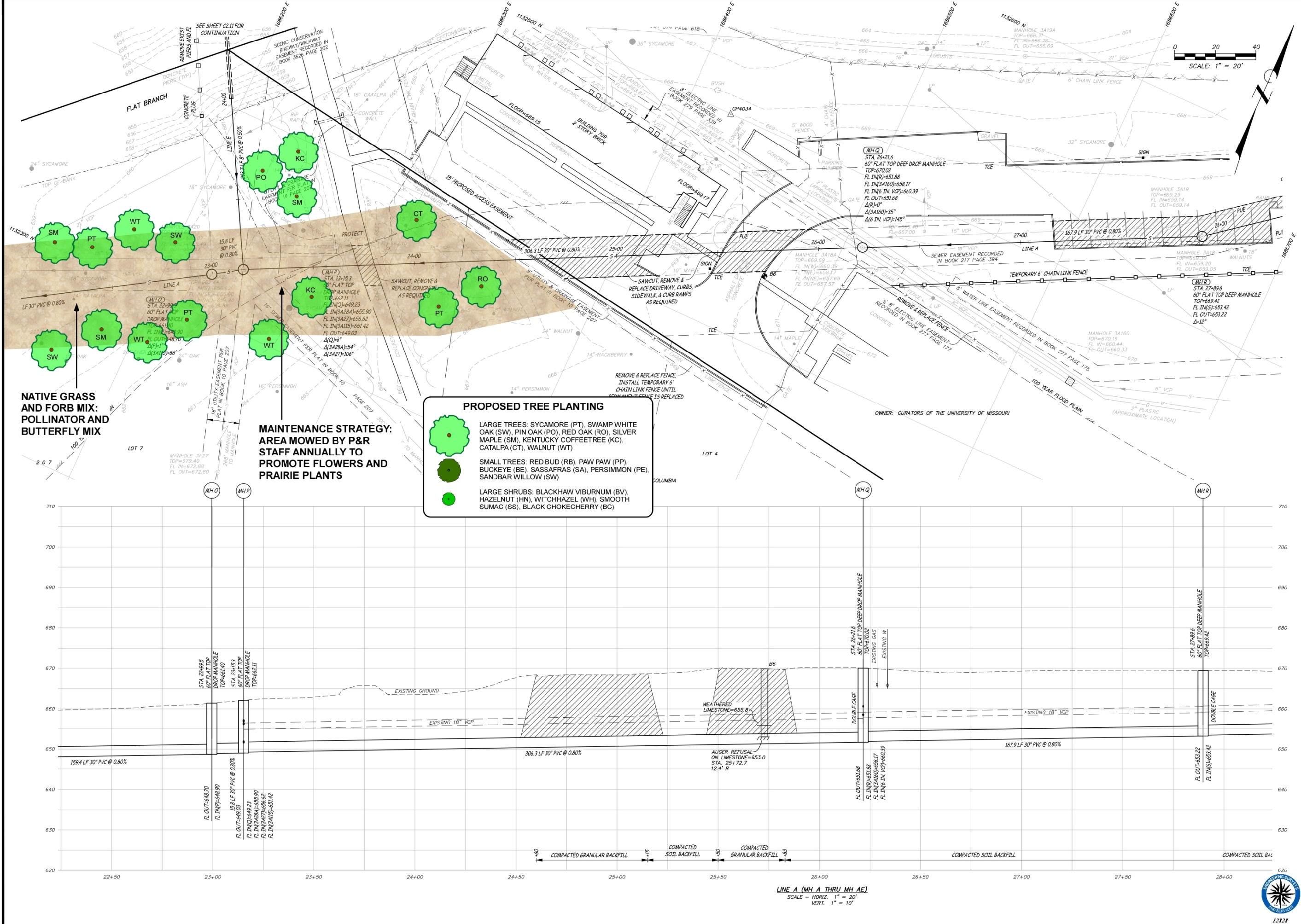
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