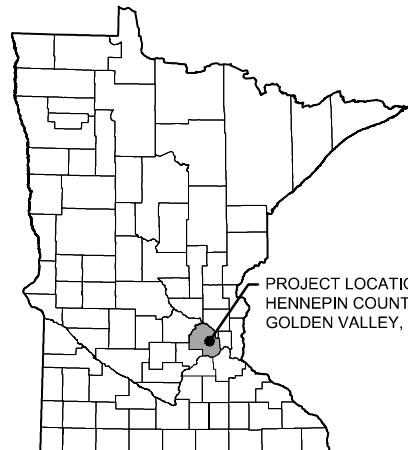


BASSETT CREEK MAIN STEM RESTORATION - PHASE 2

BASSETT CREEK WATERSHED MANAGEMENT COMMISSION



MINNESOTA COUNTY MAP

CONTACTS:

| |
|--|
| ENGINEER CONTACT: |
| Jessica Olson Barr Engineering Co. 325 South Lake Avenue Duluth, MN 55802 218-259-7118 jolson@barr.com |
| OWNER'S REPRESENTATIVE CONTACT: |
| Laura Jester Bassett Creek Watershed Management Commission P.O. Box 270825 Golden Valley, MN 55427 952-270-1990 laura.jester@keystonewaters.com |
| PROPERTY OWNER'S REPRESENTATIVE: |
| Drew Chirpich City of Golden Valley 7800 Golden Valley Road Golden Valley, MN 55427 763-593-8044 dchirpich@goldenvalleymn.gov |

GENERAL NOTES:

1. CONTOUR DATA SHOWN IN THIS PLAN SET IS BASED ON SURVEY PERFORMED BY BARR ENGINEERING IN MARCH 2025 (LIDAR DRONE) AND APRIL 2025 (SURVEY-GRADE GPS).
2. IMAGERY: NEARMAP PICTOMETRY LTD, AUGUST 2024.
3. HORIZONTAL DATUM AND COORDINATE SYSTEM: HENNEPIN COUNTY COORDINATES, NAD83, US SURVEY FEET.
4. VERTICAL DATUM: NAVD88.



ORIGINAL DRAWING SIZE: ANSI FULL BLEED B (11100 X 17100 INCHES) PLOT SCALE: 1:12 PLOT DATE: 6/19/2025 4:35 PM
CADD USER: DILLON R. MARTIN FILE: M:\\DESIGN2\\3272114.00\\0023272114.PH2_G-01.DWG



INDEX OF SHEETS

| | |
|------|---|
| G-01 | TITLE SHEET, PROJECT LOCATION AND SHEET INDEX |
| G-02 | ESTIMATED QUANTITIES, GENERAL NOTES, AND LEGEND |
| R-01 | VEGETATION RESTORATION PLAN (STA. 0+00 - 9+00) |
| R-02 | VEGETATION RESTORATION PLAN (STA. 9+00 - 18+00) |
| R-03 | VEGETATION RESTORATION PLAN (STA. 18+00 - 27+00) |
| R-04 | VEGETATION RESTORATION PLAN (STA. 27+00 - 36+00) |
| R-05 | VEGETATION RESTORATION PLAN (STA. 36+00 - 45+00) |
| R-06 | VEGETATION RESTORATION PLAN (STA. 45+00 - 54+00) |
| R-07 | VEGETATION RESTORATION PLAN (STA. 54+00 - 63+00) |
| R-08 | VEGETATION RESTORATION PLAN (STA. 63+00 - 72+00) |
| R-09 | VEGETATION RESTORATION DETAILS |

50% DESIGN
ISSUED FOR REVIEW
NOT FOR CONSTRUCTION

| | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|
| I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. | | | | | | | | | |
| PRINTED NAME: _____ | | | | | | | | | |
| SIGNATURE: _____ | | | | | | | | | |
| DATE: _____ LICENSE #: _____ | | | | | | | | | |

| | | | | | | | | | |
|---|-----|-----|-----|------------|------------------------------|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - |
| A | EPF | JCO | JCO | 06/20/2025 | ISSUED FOR REVIEW | | | | |
| # | BY | CHK | APP | DATE | RELEASE/REVISION DESCRIPTION | | | | |

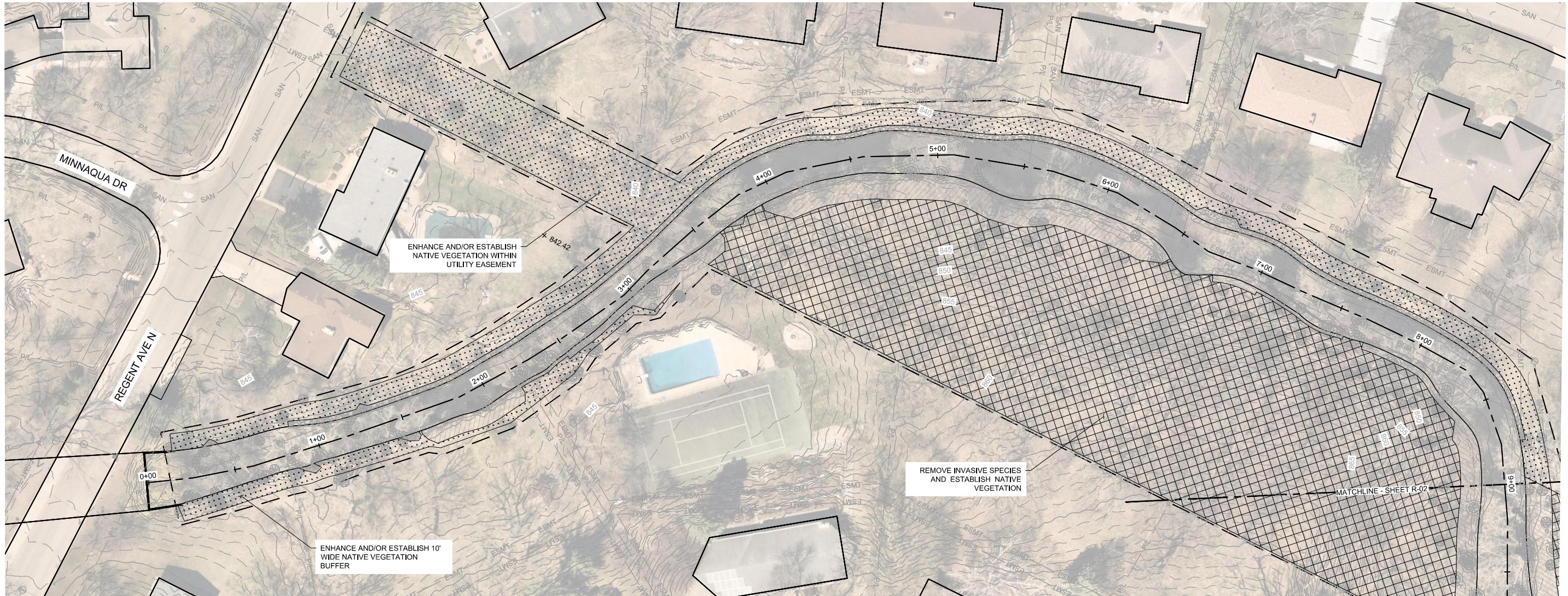


BASSETT CREEK WATERSHED MANAGEMENT COMMISSION
GOLDEN VALLEY, MINNESOTA

BASSETT CREEK MAIN STEM RESTORATION - PHASE 2
GOLDEN VALLEY, MINNESOTA
TITLE SHEET, PROJECT LOCATION,
AND SHEET INDEX

| | |
|----------------|-------------|
| BARR PROJECT # | 23272114.00 |
| DWG # | G-01 |
| REV # | A |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------------|---------|--|---------|---------------------|-----------|----------------------|---------|----------------------------------|---------|--|----------|----------------------|--------|----------------------|------------|-------------------------|--------------|-------------------|----------|----------------------------|-----------|--------------------|-----------|------------------------------------|--------------|----------------|------------------------|------------------------------|-------------------------|---------------------|---------------|--------------|--------------|--------------------|----------------|---|--------|--|-------|---------------------|-------|-----------------------|-------|------------------|-------|---------------|---------|---------------------------|--------|------------------------|----------|---------------|
| <p>GENERAL NOTES:</p> <p>TOPO AND CONTROL GROUND SURVEY CONDUCTED BY BARR ENGINEERING IN MARCH 2025 IN HENNEPIN COUNTY FEET PROJECTION.</p> <p>IMAGERY: NEARMAP PICTOMETRY LTD, 2024.</p> <p>1. CONTRACTOR IS RESPONSIBLE TO LOCATE AND FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO WORK.</p> <p>2. MINIMIZE DISTURBANCE OF EXISTING VEGETATION, WITH THE EXCEPTION OF AREAS OF VEGETATION REMOVAL AS INDICATED ON THE DRAWINGS.</p> <p>3. DO NOT DISTURB TREES AND SHRUBS NOT MARKED FOR REMOVAL, INCLUDING MINIMIZING DISTURBANCE OF SOILS WITHIN THE TREE DRIPLINE. DO NOT STOCKPILE MATERIALS OR DRIVE VEHICLES/EQUIPMENT WITHIN TREE DRIPLINE(S) UNLESS APPROVED BY ENGINEER.</p> <p>4. ALL EXISTING ROADS, PARKING LOTS, TRAILS, FENCES, SIGNS, OR SIMILAR SHALL BE PROTECTED DURING CONSTRUCTION, EXCEPT WHERE SHOWN ON PLANS FOR REMOVAL. CONTRACTOR RESPONSIBLE TO COORDINATE SURVEYS WITH THE CITY AND/OR OWNER TO DOCUMENT PRE-CONSTRUCTION EXISTING CONDITION ISSUES.</p> <p>5. CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL BMP'S PRIOR TO COMMENCEMENT OF GRADING FOR EACH LOCATION DURING CONSTRUCTION. EROSION CONTROL PLANS ARE PROVIDED INSIDE THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP).</p> <p>6. ALL GROUND DISTURBANCE GENERATED FROM GRADING ACTIVITIES SHALL BE STABILIZED AND RESTORED WITH TOPSOIL, SEED W/COVER CROP AND EROSION CONTROL BLANKET OR STRAW MULCH.</p> <p>7. CONTRACTOR TO MAINTAIN EXISTING STREAM BOTTOM WIDTH SO NOT TO DECREASE CREEK CROSS SECTIONAL AREA DURING RIPRAP INSTALLATION.</p> <p>8. CONSTRUCTION LIMITS AS SHOWN ARE APPROXIMATE FINAL CONSTRUCTION LIMITS TO BE COORDINATED WITH THE OWNER AND/OR ENGINEER AND STAKED IN THE FIELD.</p> <p>9. STREAM FEATURE LOCATIONS MAY BE FIELD FIT AS DIRECTED BY ENGINEER.</p> <p>10. SWEEP PAVEMENT DAILY, OR AS REQUIRED TO KEEP FROM TRACKING MATERIALS OFFSITE.</p> <p>11. REPAIR OR REMOVE ITEMS THAT ARE DAMAGED. REPAIR AND REPLACE DAMAGED ITEMS TO A CONDITION AT LEAST EQUAL TO THAT WHICH EXIST PRIOR TO THE START OF WORK.</p> <p>12. OBTAIN ANY REQUIRED PERMITS, NOT PROVIDED BY THE ENGINEER, BEFORE PERFORMING WORK.</p> <p>TREE REMOVAL/PROTECTION NOTES:</p> <p>1. ADDITIONAL TREE REMOVALS MAY BE REQUESTED AND APPROVED AT TIME OF CONSTRUCTION.</p> <p>2. ASH TREES MUST BE REMOVED BETWEEN OCTOBER 1ST AND APRIL 30TH AND TAKEN TO AN APPROVED SITE FOR DISPOSAL. CONTRACTOR MUST PROVIDE ASSURANCE THAT ASH TREES DO NOT LEAVE QUARANTINED AREA.</p> <p>3. CONTRACTOR SHALL FOLLOW ALL ROAD RESTRICTION REGULATIONS WHEN REMOVING TREES.</p> <p>4. LANDSCAPE ARCHITECT SHALL MARK ALL TREES FOR REMOVAL PRIOR TO ANY CONSTRUCTION ACTIVITY. COORDINATE WITH LANDSCAPE ARCHITECT TWO (2) WEEKS PRIOR TO CONSTRUCTION.</p> <p>5. REMOVE AND DISPOSE OF ALL WOOD AND DEBRIS IN ACCORDANCE WITH ALL LOCAL RULES AND REGULATIONS.</p> <p>6. CONTRACTOR TO VERIFY AND RECORD QUANTITY OF TREES REMOVED WITH DIAMETER GREATER THAN 6".</p> <p>7. ALL TREES NOT MARKED FOR REMOVAL SHALL BE AVOIDED AND ANY GRADING OR COMPACTION WITHIN THE DRIPLINE SHALL BE MINIMIZED.</p> <p>8. CONSTRUCTION MATERIALS, STOCKPILES, EQUIPMENT, AND TEMPORARY FACILITIES SHALL NOT BE STORED OR OPERATED WITHIN THE TREE PROTECTION ZONE (EQUAL TO DRIPLINE).</p> <p>9. ROOTS OUTSIDE OF THE TREE PROTECTION ZONE EXPOSED OR DAMAGED DURING EXCAVATION OR OTHER CONSTRUCTION ACTIVITY SHALL BE CLEANLY CUT AS DIRECTED BY THE CITY FORESTER.</p> <p>10. ADDITIONAL TREE PROTECTION MEASURES MAY BE REQUIRED.</p> | | | | | | | | | | | | <p>EROSION & SEDIMENT CONTROL NOTES:</p> <ol style="list-style-type: none"> 1. INSTALL PERIMETER EROSION CONTROL AT THE LOCATIONS SHOWN ON THE PLANS PRIOR TO THE COMMENCEMENT OF ANY UPSLOPE LAND DISTURBANCE OR CONSTRUCTION ACTIVITIES. 2. BEFORE BEGINNING CONSTRUCTION, INSTALL A TEMPORARY ROCK CONSTRUCTION ENTRANCE AT EACH POINT WHERE VEHICLES ENTER OR EXIT THE CONSTRUCTION SITE. 3. INSTALL INLET PROTECTION AT ALL PUBLIC AND PRIVATE CATCH BASIN INLETS WHICH RECEIVE RUNOFF FROM THE DISTURBED AREAS. CONTRACTOR SHALL CLEAN, REMOVE SEDIMENT, OR REPLACE STORM DRAIN INLET PROTECTION DEVICES ON A ROUTINE BASIS SUCH THAT THE DEVICES ARE FULLY FUNCTIONAL FOR THE NEXT RAIN EVENT. SEDIMENT DEPOSITED IN AND/OR PLUGGING DRAINAGE SYSTEMS IS THE RESPONSIBILITY OF THE CONTRACTOR. HAY BALES OR FILTER FABRIC WRAPPED GRATES ARE NOT ALLOWED FOR INLET PROTECTION. 4. LOCATE SOIL OR DIRT STOCKPILES NO LESS THAN 25 FEET FROM ANY PUBLIC OR PRIVATE ROADWAY OR DRAINAGE CHANNEL. IF REMAINING FOR MORE THAN SEVEN DAYS, STABILIZE THE STOCKPILES BY MULCHING, VEGETATIVE COVER, TARPS, OR OTHER MEANS. CONTROL EROSION FROM ALL STOCKPILES BY PLACING SILT BARRIERS AROUND THE PILES. TEMPORARY STOCKPILES LOCATED ON PAVED SURFACES MUST BE NO LESS THAN TWO FEET FROM THE DRAINAGE/GUTTER LINE AND SHALL BE COVERED IF LEFT MORE THAN 24 HOURS. 5. NATURAL TOPOGRAPHY AND SOIL CONDITIONS MUST BE PROTECTED, INCLUDING RETENTION ON SITE OF NATIVE TOPSOIL TO THE GREATEST EXTENT POSSIBLE. 6. ADDITIONAL MEASURES, SUCH AS HYDRAULIC MULCHING AND OTHER PRACTICES AS SPECIFIED BY THE COMMISSION MUST BE USED ON SLOPES OF 3:1 (H:V) OR STEEPER TO PROVIDE ADEQUATE STABILIZATION. 7. CONSTRUCTION SITE WASTE SUCH AS DISCARDED BUILDING MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER AND SANITARY WASTE MUST BE PROPERLY MANAGED. 8. ALL TEMPORARY EROSION AND SEDIMENT CONTROL BMP'S MUST BE MAINTAINED UNTIL COMPLETION OF CONSTRUCTION AND VEGETATION IS ESTABLISHED SUFFICIENTLY TO ENSURE STABILITY OF THE SITE, AS DETERMINED BY THE COMMISSION, AND ALL FINAL STABILIZATION REQUIREMENTS ARE ACHIEVED. 9. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN 7 CALENDAR DAYS AFTER LAND-DISTURBING WORK HAS TEMPORARILY OR PERMANENTLY CEASED ON A PROPERTY THAT DRAINS TO AN IMPAIRED WATER, WITHIN 14 DAYS ELSEWHERE. 10. THE PERMITTEE MUST, AT A MINIMUM, INSPECT, MAINTAIN AND REPAIR ALL DISTURBED SURFACES AND ALL EROSION AND SEDIMENT CONTROL FACILITIES AND SOIL STABILIZATION MEASURES EVERY DAY WORK IS PERFORMED ON THE SITE AND AT LEAST WEEKLY UNTIL LAND-DISTURBING ACTIVITY HAS CEASED. THEREAFTER, THE PERMITTEE MUST PERFORM THESE RESPONSIBILITIES AT LEAST WEEKLY UNTIL VEGETATIVE COVER IS ESTABLISHED. THE PERMITTEE WILL MAINTAIN A LOG OF ACTIVITIES UNDER THIS SECTION FOR INSPECTION BY THE DISTRICT ON REQUEST. 11. CHANGES TO APPROVED EROSION CONTROL PLAN MUST BE APPROVED BY THE EROSION CONTROL INSPECTOR PRIOR TO IMPLEMENTATION. CONTRACTOR TO PROVIDE INSTALLATION AND DETAILS FOR ALL PROPOSED ALTERNATE TYPE DEVICES. 12. IF DEWATERING OR PUMPING OF WATER IS NECESSARY, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND/OR APPROVALS PRIOR TO DISCHARGE OF ANY WATER FROM THE SITE. IF THE DISCHARGE FROM THE DEWATERING OR PUMPING PROCESS IS TURBID OR CONTAINS SEDIMENT LADEN WATER, IT MUST BE TREATED THROUGH THE USE OF SEDIMENT TRAPS, VEGETATIVE FILTER STRIPS, OR OTHER SEDIMENT REDUCING MEASURES SUCH THAT THE DISCHARGE IS NOT VISIBLE DIFFERENT FROM THE RECEIVING WATER. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AT THE DISCHARGE POINT TO PREVENT SCOUR EROSION. 13. ACTIVITIES MUST BE CONDUCTED SO AS TO MINIMIZE THE POTENTIAL TRANSFER OF AQUATIC INVASIVE SPECIES (E.G., ZEBRA MUSSELS, EURASIAN WATERMILFOIL, ETC.) TO THE MAXIMUM EXTENT POSSIBLE. SEE SECTION 4.6 OF THE SWPPP (SHEET G-03) FOR FURTHER DETAIL. 14. WHEREVER CONSTRUCTION ACCESS ROUTE CROSSES EXISTING TRAILS, PROTECT WITH MATTING OR ENGINEER-APPROVED ALTERNATIVE. | | | <p>MASTER LEGEND</p> <table border="0"> <tr> <td>— 960 —</td> <td>EXISTING 10' CONTOUR</td> </tr> <tr> <td>— 962 —</td> <td>EXISTING 2' CONTOUR</td> </tr> <tr> <td>— P/L —</td> <td>EXISTING PROPERTY LINE</td> </tr> <tr> <td>— ESMT —</td> <td>EXISTING EASEMENT</td> </tr> <tr> <td>— ST —</td> <td>EXISTING STORM SEWER</td> </tr> <tr> <td>— SAN —</td> <td>EXISTING SANITARY SEWER</td> </tr> <tr> <td>— GAS —</td> <td>EXISTING GAS LINE</td> </tr> <tr> <td>— UT —</td> <td>EXISTING OVERHEAD ELECTRIC</td> </tr> <tr> <td>— W —</td> <td>EXISTING WATERMAIN</td> </tr> <tr> <td>— UGFO —</td> <td>EXISTING UNDERGROUND FIBER OPTIC</td> </tr> <tr> <td>— X —</td> <td>EXISTING FENCE</td> </tr> <tr> <td>— WT —</td> <td>EXISTING WETLAND DELINEATION</td> </tr> <tr> <td>— · · · —</td> <td>OHWL</td> </tr> <tr> <td>— · · · —</td> <td>100-YEAR HWL</td> </tr> <tr> <td>— — — — —</td> <td>RESTORATION LIMITS</td> </tr> <tr> <td>— ▽ ▽ ▽ —</td> <td>ENHANCE AND/OR ESTABLISH NATIVE VEGETATION BUFFER</td> </tr> <tr> <td>— X —</td> <td>REMOVE INVASIVE SPECIES AND ESTABLISH NATIVE VEGETATION BUFFER</td> </tr> <tr> <td>— ☼ —</td> <td>EXISTING LIGHT POLE</td> </tr> <tr> <td>— ○ —</td> <td>EXISTING UTILITY POLE</td> </tr> <tr> <td>— ◊ —</td> <td>EXISTING HYDRANT</td> </tr> <tr> <td>— □ —</td> <td>EXISTING SIGN</td> </tr> <tr> <td>— SAN —</td> <td>EXISTING SANITARY MANHOLE</td> </tr> <tr> <td>— ST —</td> <td>EXISTING STORM MANHOLE</td> </tr> <tr> <td>— tree —</td> <td>EXISTING TREE</td> </tr> </table> | | | — 960 — | EXISTING 10' CONTOUR | — 962 — | EXISTING 2' CONTOUR | — P/L — | EXISTING PROPERTY LINE | — ESMT — | EXISTING EASEMENT | — ST — | EXISTING STORM SEWER | — SAN — | EXISTING SANITARY SEWER | — GAS — | EXISTING GAS LINE | — UT — | EXISTING OVERHEAD ELECTRIC | — W — | EXISTING WATERMAIN | — UGFO — | EXISTING UNDERGROUND FIBER OPTIC | — X — | EXISTING FENCE | — WT — | EXISTING WETLAND DELINEATION | — · · · — | OHWL | — · · · — | 100-YEAR HWL | — — — — — | RESTORATION LIMITS | — ▽ ▽ ▽ — | ENHANCE AND/OR ESTABLISH NATIVE VEGETATION BUFFER | — X — | REMOVE INVASIVE SPECIES AND ESTABLISH NATIVE VEGETATION BUFFER | — ☼ — | EXISTING LIGHT POLE | — ○ — | EXISTING UTILITY POLE | — ◊ — | EXISTING HYDRANT | — □ — | EXISTING SIGN | — SAN — | EXISTING SANITARY MANHOLE | — ST — | EXISTING STORM MANHOLE | — tree — | EXISTING TREE |
| — 960 — | EXISTING 10' CONTOUR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — 962 — | EXISTING 2' CONTOUR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — P/L — | EXISTING PROPERTY LINE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — ESMT — | EXISTING EASEMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — ST — | EXISTING STORM SEWER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — SAN — | EXISTING SANITARY SEWER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — GAS — | EXISTING GAS LINE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — UT — | EXISTING OVERHEAD ELECTRIC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — W — | EXISTING WATERMAIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — UGFO — | EXISTING UNDERGROUND FIBER OPTIC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — X — | EXISTING FENCE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — WT — | EXISTING WETLAND DELINEATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — · · · — | OHWL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — · · · — | 100-YEAR HWL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — — — — — | RESTORATION LIMITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — ▽ ▽ ▽ — | ENHANCE AND/OR ESTABLISH NATIVE VEGETATION BUFFER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — X — | REMOVE INVASIVE SPECIES AND ESTABLISH NATIVE VEGETATION BUFFER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — ☼ — | EXISTING LIGHT POLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — ○ — | EXISTING UTILITY POLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — ◊ — | EXISTING HYDRANT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — □ — | EXISTING SIGN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — SAN — | EXISTING SANITARY MANHOLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — ST — | EXISTING STORM MANHOLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — tree — | EXISTING TREE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>STATEMENT OF ESTIMATED QUANTITIES</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>SEQ TO BE PROVIDED</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>SEED MIXES</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>BEE LAWN MIX</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>TO BE PROVIDED</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>RIPARIAN EDGE MIX</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>TO BE PROVIDED</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>PHASE 1 PROJECT LEGEND</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td>— tree —</td> <td>EXISTING TREE REMOVAL</td> </tr> <tr> <td>— 815 —</td> <td>PROPOSED 5' CONTOUR</td> </tr> <tr> <td>— 816 —</td> <td>PROPOSED 1' CONTOUR</td> </tr> <tr> <td>— — — — —</td> <td>PROPOSED EASEMENT</td> </tr> <tr> <td>— X —</td> <td>PROPOSED TREE PROTECTION FENCING</td> </tr> <tr> <td>— 101 —</td> <td>TREE IDENTIFICATION NUMBER, SEE TABLE FOR TREE SURVEY AND TREE REMOVAL SUMMARY</td> </tr> <tr> <td>— > —</td> <td>PROPOSED STORM SEWER</td> </tr> <tr> <td>— X —</td> <td>CONSTRUCTION ACCESS</td> </tr> <tr> <td>— riprap —</td> <td>RIPRAP</td> </tr> <tr> <td>— toe wood —</td> <td>TOE WOOD</td> </tr> <tr> <td>— vrss —</td> <td>VRSS</td> </tr> <tr> <td>— — — — —</td> <td>GRADING AREA</td> </tr> <tr> <td>— — — — —</td> <td>GRADING WITH LIVE STAKES/PLANTINGS</td> </tr> <tr> <td>— root wad —</td> <td>ROOT WAD</td> </tr> <tr> <td>— boulder cross vane —</td> <td>BOULDER CROSS VANE</td> </tr> <tr> <td>— j-hook boulder vane —</td> <td>J-HOOK BOULDER VANE</td> </tr> <tr> <td>— coir logs —</td> <td>COIR LOGS</td> </tr> <tr> <td>— fascines —</td> <td>FASCINES</td> </tr> <tr> <td>— silt fence —</td> <td>SILT FENCE</td> </tr> <tr> <td>— sc —</td> <td>SEDIMENT CONTROL LOGS</td> </tr> </table> | | | | | | | | | | | | — tree — | EXISTING TREE REMOVAL | — 815 — | PROPOSED 5' CONTOUR | — 816 — | PROPOSED 1' CONTOUR | — — — — — | PROPOSED EASEMENT | — X — | PROPOSED TREE PROTECTION FENCING | — 101 — | TREE IDENTIFICATION NUMBER, SEE TABLE FOR TREE SURVEY AND TREE REMOVAL SUMMARY | — > — | PROPOSED STORM SEWER | — X — | CONSTRUCTION ACCESS | — riprap — | RIPRAP | — toe wood — | TOE WOOD | — vrss — | VRSS | — — — — — | GRADING AREA | — — — — — | GRADING WITH LIVE STAKES/PLANTINGS | — root wad — | ROOT WAD | — boulder cross vane — | BOULDER CROSS VANE | — j-hook boulder vane — | J-HOOK BOULDER VANE | — coir logs — | COIR LOGS | — fascines — | FASCINES | — silt fence — | SILT FENCE | — sc — | SEDIMENT CONTROL LOGS | | | | | | | | | | | | | | |
| — tree — | EXISTING TREE REMOVAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — 815 — | PROPOSED 5' CONTOUR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — 816 — | PROPOSED 1' CONTOUR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — — — — — | PROPOSED EASEMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — X — | PROPOSED TREE PROTECTION FENCING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — 101 — | TREE IDENTIFICATION NUMBER, SEE TABLE FOR TREE SURVEY AND TREE REMOVAL SUMMARY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — > — | PROPOSED STORM SEWER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — X — | CONSTRUCTION ACCESS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — riprap — | RIPRAP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — toe wood — | TOE WOOD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — vrss — | VRSS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — — — — — | GRADING AREA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — — — — — | GRADING WITH LIVE STAKES/PLANTINGS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — root wad — | ROOT WAD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — boulder cross vane — | BOULDER CROSS VANE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — j-hook boulder vane — | J-HOOK BOULDER VANE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — coir logs — | COIR LOGS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — fascines — | FASCINES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — silt fence — | SILT FENCE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — sc — | SEDIMENT CONTROL LOGS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>50% DESIGN ISSUED FOR REVIEW NOT FOR CONSTRUCTION</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A PROFESSIONAL LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.</p> <p>PRINTED NAME: _____</p> <p>SIGNATURE: _____</p> <p>DATE: _____ LICENSE #: _____</p> | | | | <p>— — — — —</p> <p>A EPF JCO JCO 06/20/2025 ISSUED FOR REVIEW</p> <p># BY CHK APP DATE RELEASE/REVISION DESCRIPTION</p> | | | | <p>BARR BARR ENGINEERING CO. 4300 MARKETPOINTE DRIVE SUITE 200 MINNEAPOLIS, MN 55435</p> <p>PH: 1-800-632-2277 WWW.BARR.COM MINNESOTA ENGINEERING FIRM NUMBER 1010411545</p> <p>BASSETT CREEK WATERSHED MANAGEMENT COMMISSION GOLDEN VALLEY, MINNESOTA</p> | | | | <p>BASSETT CREEK MAIN STEM RESTORATION - PHASE 2 GOLDEN VALLEY, MINNESOTA</p> <p>ESTIMATED QUANTITIES, GENERAL NOTES, AND LEGEND</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>BARR PROJECT # 23272114.00 DWG # G-02 REV # A</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



1 PLAN: BASSETT CREEK VEGETATION RESTORATION (STA. 0+00 TO 9+00)

0 30 60

SCALE IN FEET



BASSETT CREEK WATERSHED MANAGEMENT COMMISSION
GOLDEN VALLEY, MINNESOTA

BARR PROJECT #

23272114.00

DWG #

R-01

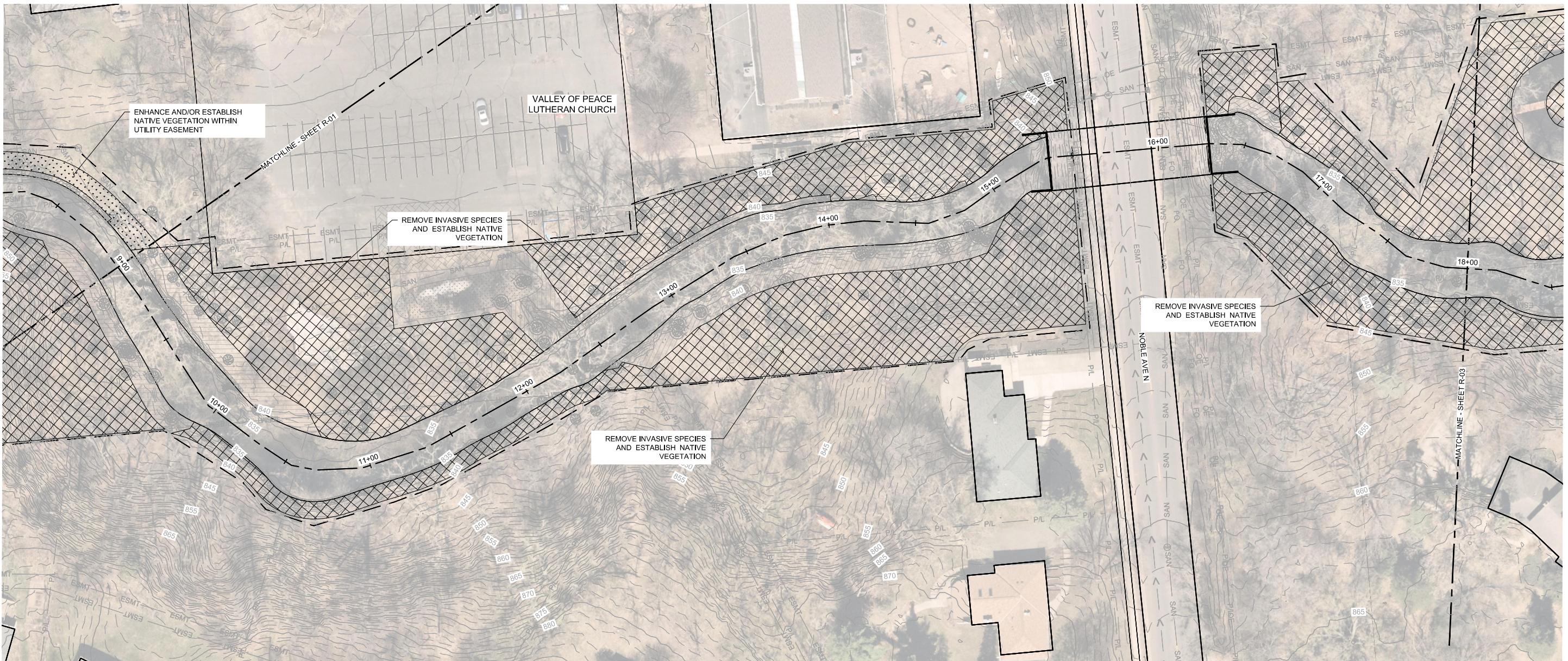
VEGETATION RESTORATION PLAN
(STA. 0+00 TO 9+00)

REV #

A

| | | | | | |
|---|--|--|--|--|--|
| I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. | | | | | |
| PRINTED NAME: _____ | | | | | |
| SIGNATURE: _____ | | | | | |
| DATE: _____ LICENSE #: _____ | | | | | |

| | | | | | |
|---|-----|-----|-----|------------|------------------------------|
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| A | EPF | JCO | JCO | 06/20/2025 | ISSUED FOR REVIEW |
| # | BY | CHK | APP | DATE | RELEASE/REVISION DESCRIPTION |



1 PLAN: BASSETT CREEK VEGETATION RESTORATION (STA. 9+00 TO 18+00)

0 30 60
SCALE IN FEET



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
PRINTED NAME: _____
SIGNATURE: _____
DATE: _____ LICENSE #: _____

- - - - -
- - - - -
- - - - -
- - - - -
- - - - -
A EPF JCO JCO 06/20/2025 ISSUED FOR REVIEW
BY CHK APP DATE RELEASE/REVISION DESCRIPTION

BARR
BARR ENGINEERING CO.
4300 MARKETPOINTE DRIVE
SUITE 200
MINNEAPOLIS, MN 55435
PH: 1-800-632-2277
WWW.BARR.COM
MINNESOTA ENGINEERING FIRM
NUMBER 10104111545

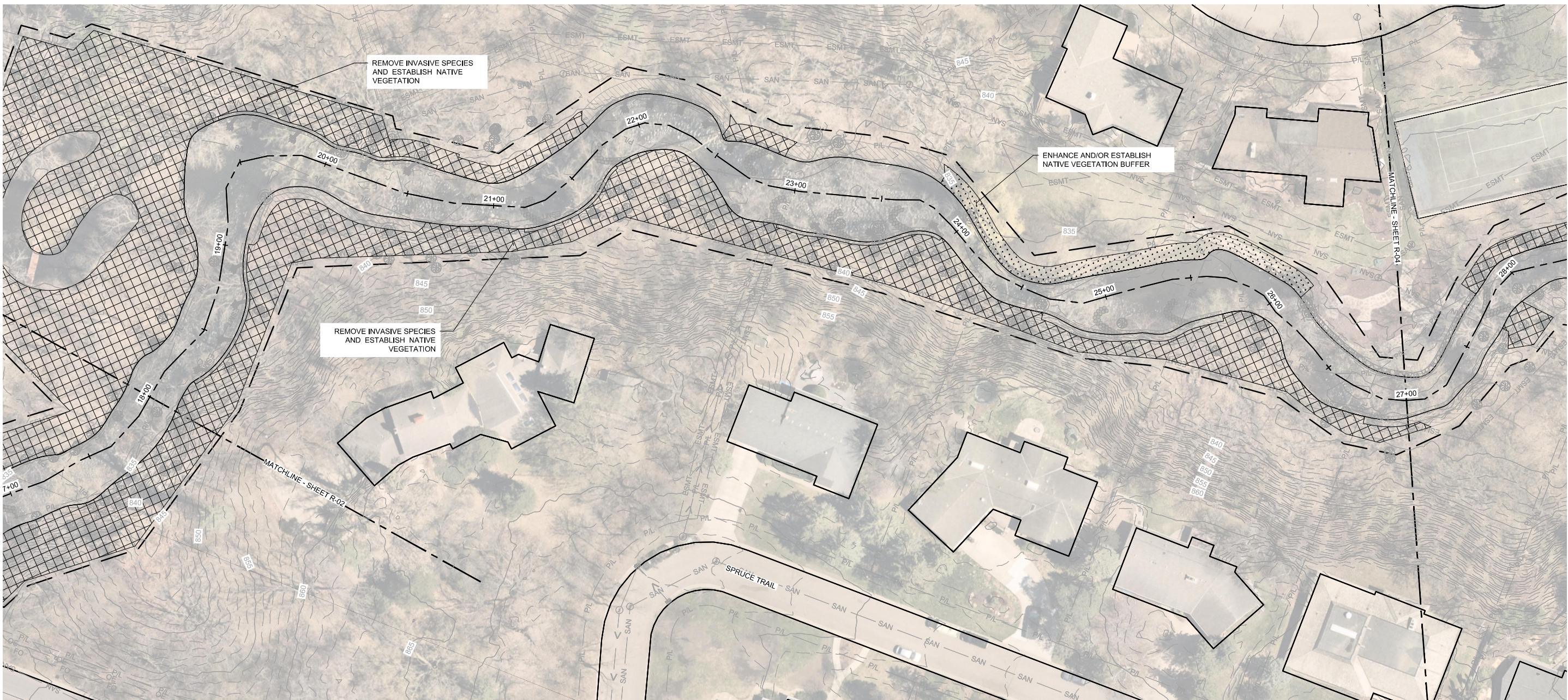
BASSETT CREEK WATERSHED MANAGEMENT COMMISSION
GOLDEN VALLEY, MINNESOTA

BASSETT CREEK MAIN STEM RESTORATION - PHASE 2
GOLDEN VALLEY, MINNESOTA

VEGETATION RESTORATION PLAN
(STA. 9+00 TO 18+00)

50% DESIGN
ISSUED FOR REVIEW
NOT FOR CONSTRUCTION

BARR PROJECT # 23272114.00
DWG # R-02
REV # A



1 PLAN: BASSETT CREEK VEGETATION RESTORATION (STA. 19+00 TO 27+00)

50% DESIGN
ISSUED FOR REVIEW
NOT FOR CONSTRUCTION

ORIGINAL DRAWING SIZE: ANSI FULL BLEED B (11.00 X 17.00 INCHES) PLOT SCALE: 1:2 PLOT DATE: 7/9/2025 1:52 PM
CADD USER: DILLON R. MARTIN FILE: M:\\DESIGN2\\32372\\14.00\\23272114_R.XX.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

STATE OF MINNESOTA

SIGNATURE _____
DATE _____ LICENSE # _____

| | |
|--|---|
| | - |
| | - |
| | - |
| | - |
| | - |
| | A |
| | # |

| | |
|-----|-----|
| - | - |
| - | - |
| - | - |
| - | - |
| - | - |
| - | - |
| EPF | JCO |
| BY | CHK |

| | |
|-----|---------|
| - | - |
| - | - |
| - | - |
| - | - |
| - | - |
| - | - |
| JCO | 06/20/1 |
| APP | DAT |

2025 ISSUED F
TE

FOR REVIEW
RELEA

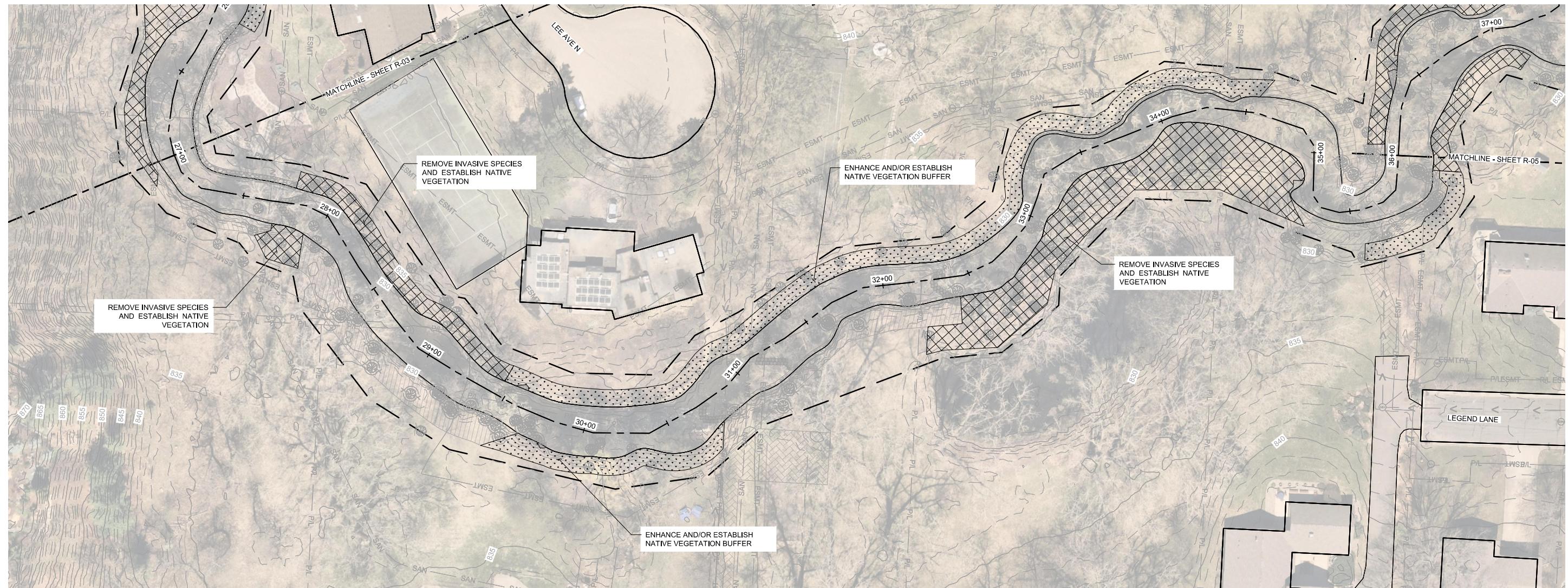
RELEASE/REVISION DESCRIPTION



BASSETT CREEK WATERSHED MANAGEMENT COMMISSION
GOLDEN VALLEY, MINNESOTA

BASSETT CREEK MAIN STEM RESTORATION - PHASE 2
GOLDEN VALLEY, MINNESOTA
VEGETATION RESTORATION PLAN
(STA. 18+00 TO 27+00)

ARR PROJECT #
23272114.00
WG #
R-03
EV #
A



1 PLAN: BASSETT CREEK VEGETATION RESTORATION (STA. 27+00 TO 36+00)

0 30 60
SCALE IN FEET



50% DESIGN
ISSUED FOR REVIEW
NOT FOR CONSTRUCTION

| | | | | | |
|---|--|--|--|--|--|
| I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. | | | | | |
| PRINTED NAME: _____ | | | | | |
| SIGNATURE: _____ | | | | | |
| DATE: _____ LICENSE #: _____ | | | | | |

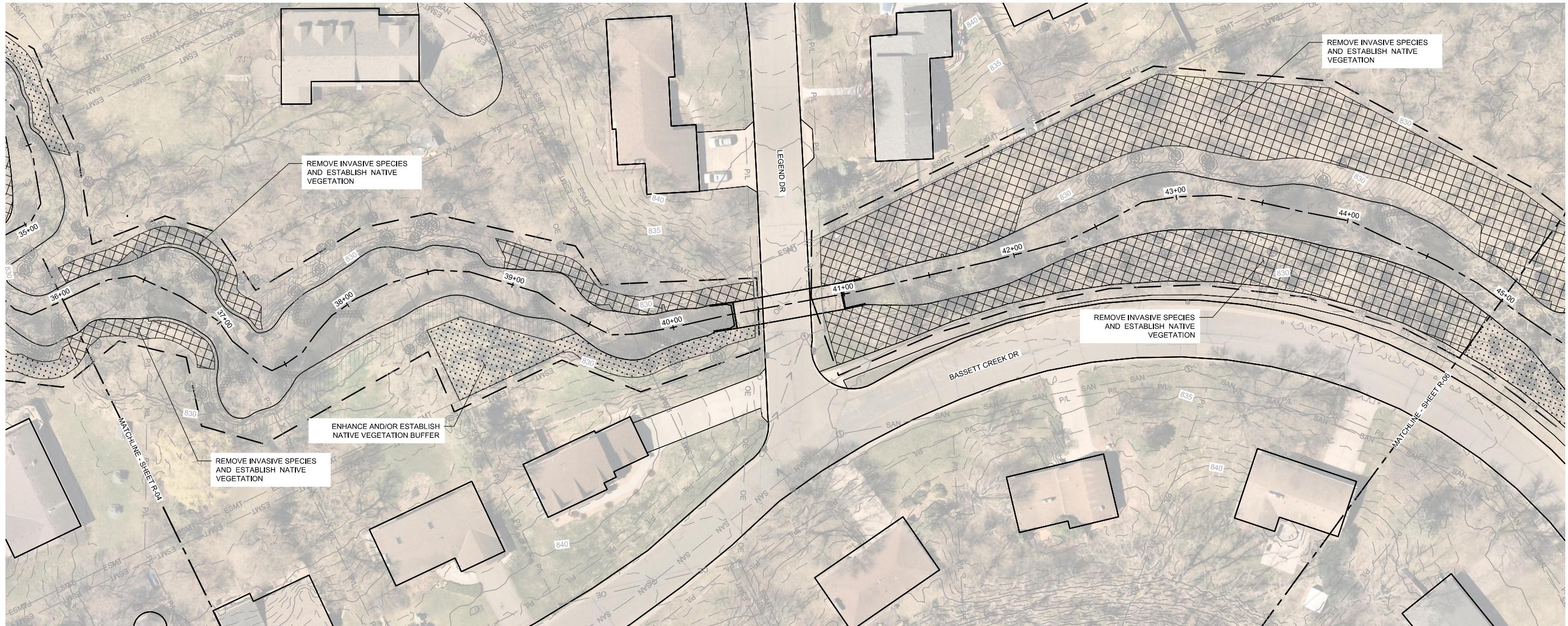
| | | | | | |
|---|-----|-----|-----|------------|------------------------------|
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| A | EPF | JCO | JCO | 06/20/2025 | ISSUED FOR REVIEW |
| # | BY | CHK | APP | DATE | RELEASE/REVISION DESCRIPTION |



BASSETT CREEK WATERSHED MANAGEMENT COMMISSION
GOLDEN VALLEY, MINNESOTA

BASSETT CREEK MAIN STEM RESTORATION - PHASE 2
GOLDEN VALLEY, MINNESOTA
VEGETATION RESTORATION PLAN
(STA. 27+00 TO 36+00)

BARR PROJECT # 23272114.00
DWG # R-04
REV # A



1 PLAN: BASSETT CREEK VEGETATION RESTORATION (STA. 36+00 TO 45+00)

0 30 60

SCALE IN FEET

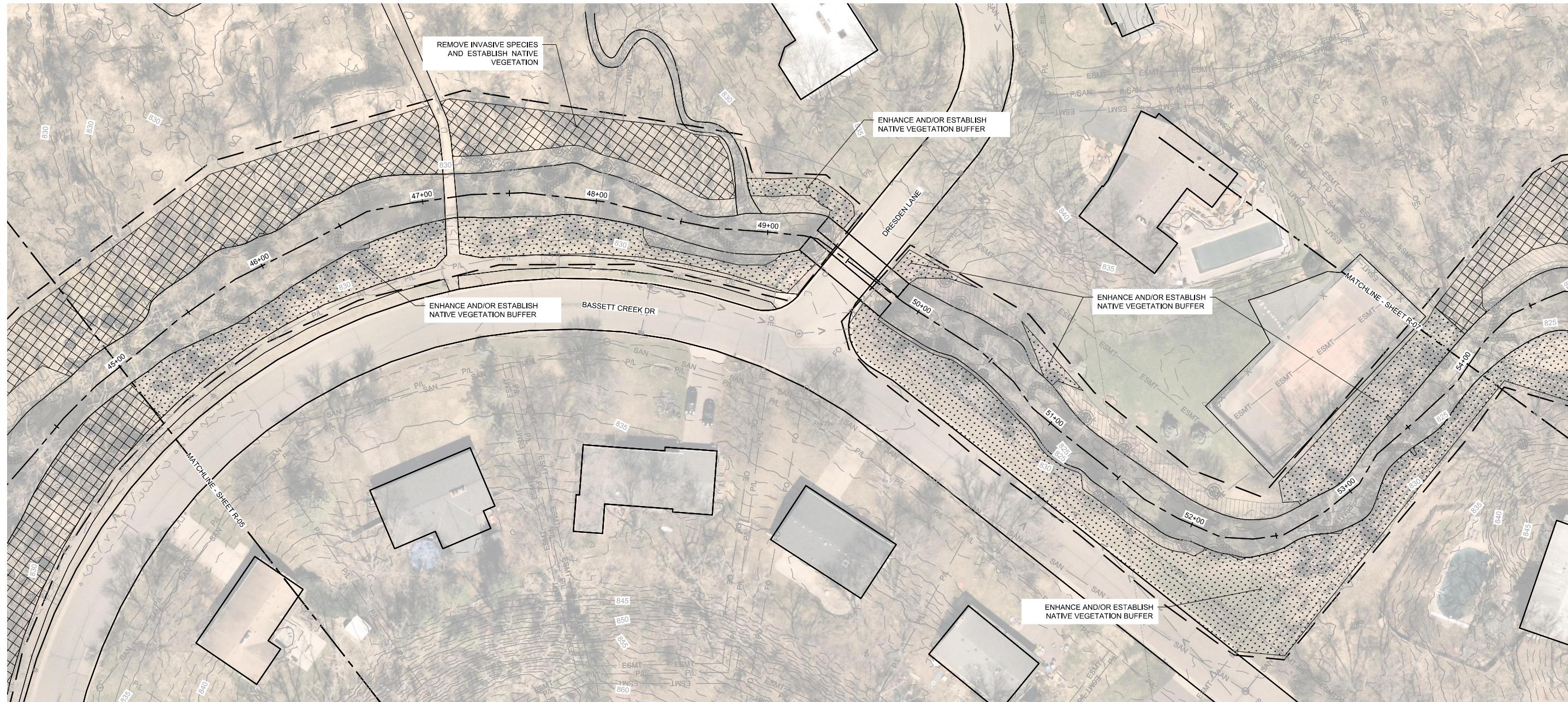
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINTED NAME: _____

SIGNATURE: _____

DATE: _____ LICENSE #: _____

| | | | | | |
|---|-----|-----|-----|------------|------------------------------|
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| A | EPF | JCO | JCO | 06/20/2025 | ISSUED FOR REVIEW |
| # | BY | CHK | APP | DATE | RELEASE/REVISION DESCRIPTION |



1 PLAN: BASSETT CREEK VEGETATION RESTORATION (STA. 45+00 TO 54+00)

0 30 60
SCALE IN FEET



50% DESIGN
ISSUED FOR REVIEW
NOT FOR CONSTRUCTION

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINTED NAME: _____
SIGNATURE: _____
DATE: _____ LICENSE #: _____

- - - - -
- - - - -
- - - - -
- - - - -
- - - - -
A EPF JCO JCO 06/20/2025 ISSUED FOR REVIEW
BY CHK APP DATE RELEASE/REVISION DESCRIPTION

- - - - -
- - - - -
- - - - -
- - - - -
- - - - -
- - - - -
- - - - -
- - - - -



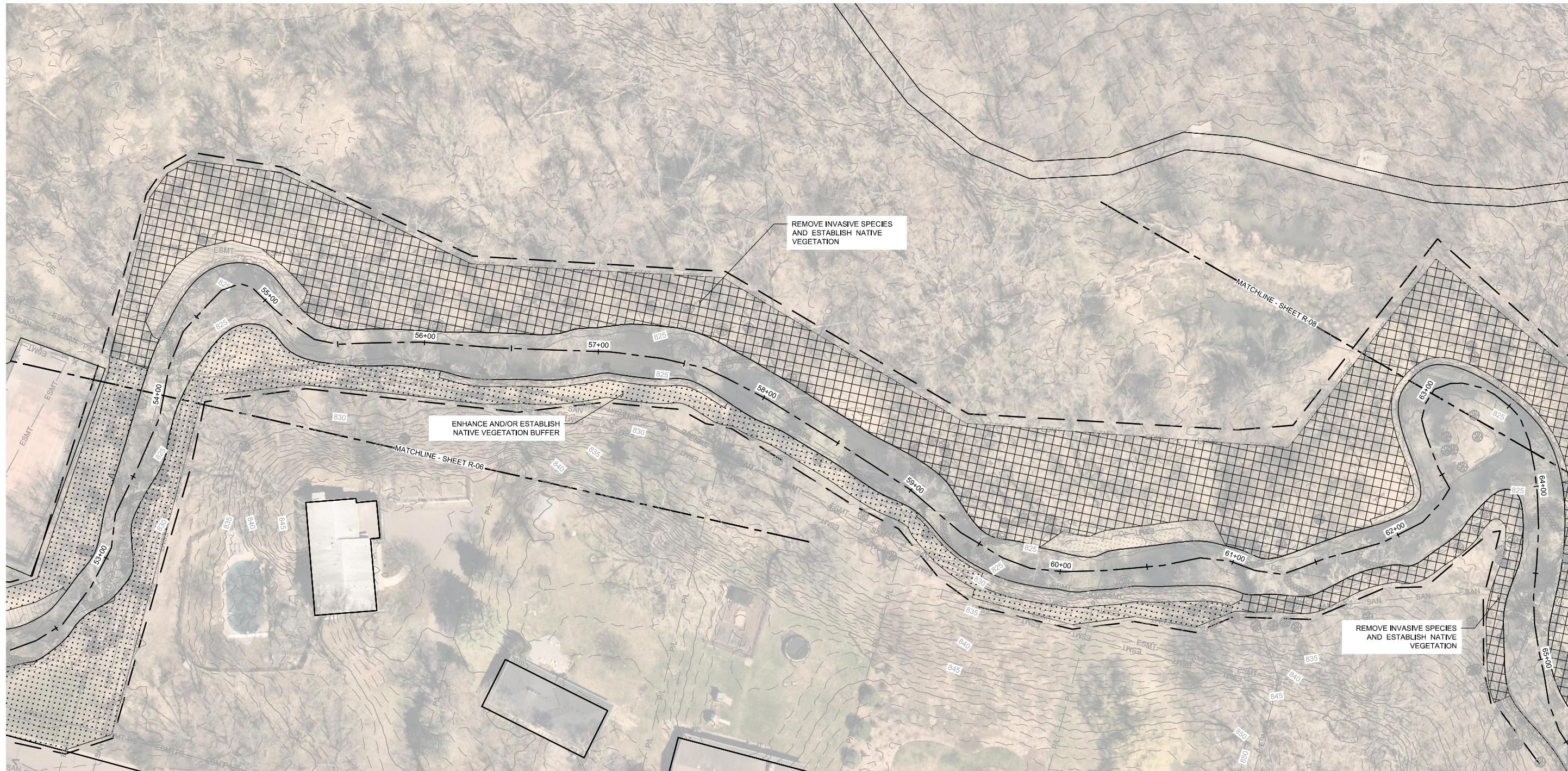
BASSETT CREEK WATERSHED MANAGEMENT COMMISSION
GOLDEN VALLEY, MINNESOTA

BASSETT CREEK MAIN STEM RESTORATION - PHASE 2

GOLDEN VALLEY, MINNESOTA

VEGETATION RESTORATION PLAN
(STA. 45+00 TO 54+00)

BARR PROJECT # 23272114.00
DWG # R-06
REV # A



1 PLAN: BASSETT CREEK VEGETATION RESTORATION (STA. 54+00 TO 63+00)

0 30 60

SCALE IN FEET



50% DESIGN
ISSUED FOR REVIEW
NOT FOR CONSTRUCTION

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A PROFESSIONAL LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINTED NAME: _____

SIGNATURE: _____

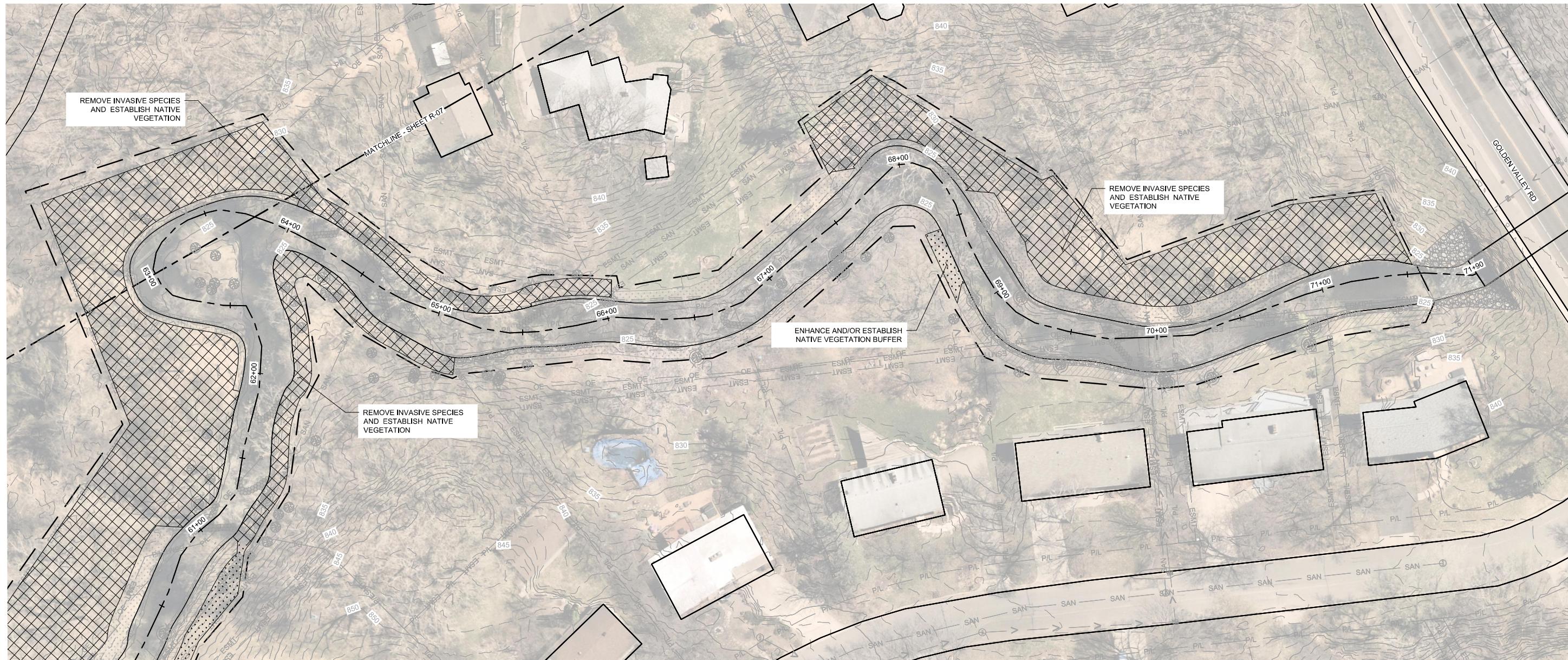
DATE: _____ LICENSE #: _____

- - - - -
- - - - -
- - - - -
- - - - -
- - - - -
- - - - -

A EPF JCO JCO 06/20/2025 ISSUED FOR REVIEW

BY CHK APP DATE

RELEASE/REVISION DESCRIPTION



1 PLAN: BASSETT CREEK VEGETATION RESTORATION (STA. 63+00 TO 72+00)

0 30 60 SCALE IN FEET

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINTED NAME: _____
SIGNATURE: _____
DATE: _____ LICENSE #: _____

- - - - -
- - - - -
- - - - -
- - - - -
- - - - -
A EPF JCO JCO 06/20/2025 ISSUED FOR REVIEW
BY CHK APP DATE RELEASE/REVISION DESCRIPTION

