

RESOLUTION NO. 79-17

A RESOLUTION APPROVING AND AUTHORIZING THE MAYOR TO EXECUTE AND ADMINISTER THE INTERGOVERNMENTAL AGREEMENT (IGA) BETWEEN THE CITY OF COLORADO SPRINGS AND THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) FOR LANDSCAPING COSTS ASSOCIATED WITH THE I-25/CIMARRON EXPRESSWAY INTERCHANGE PROJECT

WHEREAS, the City of Colorado Springs ("City") is providing funds to the Colorado Department of Transportation ("CDOT") for the landscaping costs for the I-25/Cimarron Expressway Interchange Project, which is identified as Project #IM 0252-423 (19039) ("the Project"); and

WHEREAS, pursuant to Colorado Revised Statutes 29-1-203, the City Council has the authority to approve an Intergovernmental Agreement ("IGA") between the City and CDOT; and

WHEREAS, the City Council finds that it is in the best interest of the City and its citizens to enter into this IGA and allow the City's Public Works Department to utilize the funding for the landscaping costs associated with the Project; and

WHEREAS, the City will provide a local cash payment for landscaping costs associated with the Project in the amount of \$1,500,000.00; and

WHEREAS, the IGA between CDOT and the City must be approved and fully executed to provide funding for the Project.


NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF COLORADO SPRINGS:

Section 1. The IGA between the City of Colorado Springs and the Colorado Department of Transportation for the funding of the landscaping costs associate with the I-25/Cimarron Expressway Interchange Project, a copy of which is attached and incorporated herein as Exhibit A, is hereby approved.

Section 2. The Mayor is hereby authorized to execute and administer the Agreement.


Section 3. Any amendments to the Agreement that would increase or decrease the amount of CDOT funding for the Project or expand or decrease the Project scope must be approved by City Council resolution.


Dated at Colorado Springs, CO, this 27th day of June, 2017



Council President

ATTEST:


Sarah B. Johnson, City Clerk



(Local \$CDOTWRK)
PROJECT: IM 0252-423 (19039)

REGION: 2 (vjm)

CONTRACT

THIS CONTRACT, executed this 15th day of August, 2017 by and between the State of Colorado, for the use and benefit of the Colorado Department of Transportation ("State" or "CDOT") and the City of Colorado Springs, Colorado, 30 South Nevada Avenue, Colorado Springs, Colorado, 80903, CDOT Vendor #: 2000015 ("Local Agency" or "Department of Transportation"), and the State and the Local Agency shall be individually referred to as a "Party" and together shall be referred to as the "Parties."

RECITALS

1. Authority exists in the law and funds have been budgeted, appropriated and otherwise made available and a sufficient uncommitted balance thereof remains available for payment of Project and Local Agency costs in Fund Number 400, Function 3301, GL Acct. 4512000010, WBS Element 19039.10.20 (Contract Encumbrance Amount: \$0.00).
2. Required approval, clearance and coordination have been accomplished from and with appropriate agencies..
3. Section 43-2-102 and 103, C.R.S require the State to maintain State highways (including where such highways extend through a city or an incorporated town), and 43-2-135 describes certain specific responsibilities of the State and affected local entities (respectively) with respect to State highways that are also part of a local street system;
4. The Local Agency has estimated the contribution and is prepared to provide the funding required for their contribution toward the Project, as evidenced by an appropriate ordinance or resolution duly passed and adopted by the authorized representatives of the Local Agency, which expressly authorizes the Local Agency to enter into this agreement and to expend its funds for the Contribution, which ordinance or resolution is attached hereto as **Exhibit B** and incorporated herein by reference
5. The Local Agency has funds available and desires to provide 100% of the funding for the Work.
6. This contract is executed under the authority of §§ 29-1-203, 43-1-110; 43-1-116, 43-2-101(4)(c) and 43-2-144, C.R.S. and **Exhibit B**.
7. The Parties hereto desire to agree upon the division of responsibilities with regard to the Project.

THE PARTIES NOW AGREE THAT:

Section 1. Scope of Work

The work under this contract shall consist of the landscaping project for the I-25/Cimarron Expressway interchange (the "Project"), and the Local Agency shall provide their Contribution toward the Project, as more specifically described in **Exhibit A**.

Section 2. Order of Precedence

In the event of conflicts or inconsistencies between this contract and its exhibits, such conflicts or inconsistencies shall be resolved by reference to the documents in the following order of priority:

1. This contract
2. **Exhibit A** (Scope of Work)
3. Other Exhibits in descending order of their attachment.

Section 3. Term

This contract shall be effective upon approval of the CDOT Chief Engineer or designee. The term of this agreement shall continue through the completion and final acceptance of the Project by the State, FHWA, if applicable, and the Local Agency.

Section 4. Project Funding Provisions

- A. The Local Agency has estimated the total cost of the Contribution and is prepared to provide its funding, as evidenced by the signing of this contract, which expressly authorizes the Local Agency the authority to expend its Contribution toward the Project.
- B. The contribution is estimated to be \$1,500,000.00 (the "Contribution").
- C. The maximum amount payable by the Local Agency under this contract shall be \$1,500,000.00 unless such amount is increased by an appropriate written modification to this contract executed by the Parties hereto before any increased cost is incurred
- D. The Parties hereto agree that this contract is contingent upon all funds designated for the Project herein being made available from State sources, as applicable. Should these sources fail to provide necessary funds as agreed upon herein, the contract may be terminated by either Party, provided that any Party terminating its interest and obligations herein shall not be relieved of any obligations which existed prior to the effective date of such termination or which may occur as a result of such termination..
- E. The Local Agency will make a one time payment of \$1,500,000.00 on or before April 1, 2018.

Section 5. State and Local Agency Commitments

The Scope of Work (Exhibit A) describes the work to be performed.

A. Design [if applicable]

1. If the work includes preliminary design or final design (the "Construction Plans"), or design work sheets, or special provisions and estimates (collectively referred to as the "Plans"), the State shall comply with the following requirements, as applicable:
 - a. perform or provide the Plans, to the extent required by the nature of the work.
 - b. prepare final design (Construction Plans) in accord with the requirements of the latest edition of the American Association of State Highway Transportation Officials (AASHTO) manual or other standard, such as the Uniform Building Code, as approved by CDOT.
 - c. prepare special provisions and estimates in accord with the State's Roadway and Bridge Design Manuals and Standard Specifications for Road and Bridge Construction.
 - d. include details of any required detours in the Plans, in order to prevent any interference of the construction work and to protect the traveling public.
 - e. stamp the Plans produced by a Colorado Registered Professional Engineer.
 - f. provide final assembly of Plans and contract documents.
 - g. be responsible for the Plans being accurate and complete.
 - h. make no further changes in the Plans following the award of the construction contract except by agreement in writing between the Parties. The Plans shall be considered final when approved and accepted by the Parties hereto, and when final they shall be deemed incorporated herein.

B. Construction [if applicable]

1. If the work includes construction, the State shall perform the construction in accordance with the approved design plans and/or administer the construction all in accord with the Scope of Work (Exhibit A). Such administration shall include Project inspection and testing; approving sources of materials; performing required plant and shop inspections; documentation of contract payments, testing and inspection activities; preparing and approving pay estimates; preparing, approving and securing the funding for contract modification orders and minor contract revisions; processing contractor claims; construction supervision; and meeting the Quality Control requirements of the FHWA/CDOT Stewardship Agreement.
2. If the State is the responsible party:
 - a. it shall appoint a qualified professional engineer, licensed in the State of Colorado, as the State Agency Project Engineer (SAPE), to perform that administration. The SAPE shall administer the Project in accordance with this agreement, the requirements of the construction contract and applicable State procedures.

- b. if bids are to be let for the construction of the Project, the State shall, in conjunction with the Local Agency, advertise the call for bids and upon concurrence by the Local Agency will award the construction contract(s) to the low responsive, responsible bidder(s).
- (1) in advertising and awarding the bid for the construction of a federal-aid project, the State shall comply with applicable requirements of 23 USC § 112 and 23 CFR Parts 633 and 635 and C.R.S. § 24-92-101 et seq. Those requirements include, without limitation, that the State/contractor shall incorporate Form 1273 in its entirety verbatim into any subcontract(s) for those services as terms and conditions therefore, as required by 23 CFR 633.102(e).
 - (2) the Local Agency has the option to concur or not concur in the proposal of the apparent low bidder for work on which competitive bids have been received. The Local Agency must declare its concurrence or non-concurrence within 3 working days after said bids are publicly opened.
 - (3) by indicating its concurrence in such award, the Local Agency, acting by or through its duly authorized representatives, agrees to provide additional funds, subject to their availability and appropriation for that purpose, if required to complete the work under this Project if no additional federal-aid funds will be made available for the Project.
- c. If all or part of the construction work is to be accomplished by State personnel (i.e. by force account), rather than by a competitive bidding process, the State will ensure that all such force account work is accomplished in accordance with the pertinent State specifications and requirements with 23 CFR 635, Subpart B, Force Account Construction.

Section 6. ROW Acquisition and Relocation

If the Project includes right of way, prior to this Project being advertised for bids, the State will certify in writing that all right of way has been acquired in accordance with the applicable State and federal regulations, or that no additional right of way is required.

Any acquisition/relocation activities must comply with: all applicable federal and State statutes and regulations, including but not limited to the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 as amended (P.L. 91-646) and the Uniform Relocation Assistance and Real Property Acquisition Policies for Federal and Federally Assisted Programs as amended (49 CFR Part 24); CDOT's Right of Way Manual; and CDOT's Policy and Procedural Directives.

Allocation of Responsibilities are as follows:

- Federal participation in right of way acquisition (3111 charges), relocation (3109 charges) activities, if any, and right of way incidentals (expenses incidental to acquisition/relocation of right of way – 3114 charges);
- Federal participation in right of way acquisition (3111 charges), relocation (3109 charges) but no participation in incidental expenses (3114 charges); or
- No federal participation in right of way acquisition (3111 charges) and relocation activities (3109 expenses).

Regardless of the option selected above, the State retains oversight responsibilities. The Local Agency's and the State's responsibilities for each option is specifically set forth in CDOT's Right of Way Manual. The manual is located at <http://www.coloradodot.info/business/manuals/right-of-way>.

If right of way is purchased for a State highway, including areas of influence of the State highway, the Local Agency shall immediately convey title to such right of way to CDOT after the Local Agency obtains title.

Section 7. Utilities

If necessary, the State will be responsible for obtaining the proper clearance or approval from any utility company which may become involved in this Project. Prior to this Project being advertised for bids, the responsible party will certify in writing that all such clearances have been obtained.

Section 8. Railroads

In the event the Project involves modification of a railroad company's facilities whereby the work is to be accomplished by railroad company forces, the State shall make timely application to the Public Utilities Commission requesting its order providing for the installation of the proposed improvements and not proceed with that part of the work without compliance. The State shall also establish contact with the railroad company involved for the purpose

of complying with applicable provisions of 23 CFR 646, subpart B, concerning federal-aid projects involving railroad facilities, including:

1. Executing an agreement setting out what work is to be accomplished and the location(s) thereof, and that the costs of the improvement shall be eligible for federal participation.
2. Obtaining the railroad's detailed estimate of the cost of the work.
3. Establishing future maintenance responsibilities for the proposed installation.
4. Prescribing future use or dispositions of the proposed improvements in the event of abandonment or elimination of a grade crossing.
5. Establishing future repair and/or replacement responsibilities in the event of accidental destruction or damage to the installation.

Section 9. Environmental Obligations

The State shall perform all work in accordance with the requirements of the current federal and State environmental regulations including the National Environmental Policy Act of 1969 (NEPA) as applicable.

Section 10. Maintenance Obligations

The Local Agency will maintain and operate the improvements constructed under this agreement at its own cost and expense during their useful life, in a manner satisfactory to the State. The Local Agency will make proper provisions for such maintenance obligations each year. Such maintenance and operations shall be conducted in accordance with all applicable statutes, ordinances and regulations. The State will make periodic inspections of the Project to verify that such improvements are being adequately maintained.

Section 11. Record Keeping

The State shall maintain a complete file of all records, documents, communications, and other written materials, which pertain to the costs incurred under this agreement. The State shall maintain such records for a period of three (3) years after the date of termination of this agreement or final payment hereunder, whichever is later, or for such further period as may be necessary to resolve any matters which may be pending. The State shall make such materials available for inspection at all reasonable times and shall permit duly authorized agents and employees of the Local Agency and FHWA (if applicable) to inspect the Project and to inspect, review and audit the Project records.

Section 12. Termination Provisions

This agreement may be terminated as follows:

- A. **Termination for Convenience.** The State may terminate this agreement at any time the State determines that the purposes of the distribution of moneys under the agreement would no longer be served by completion of the Project. The State shall effect such termination by giving written notice of termination to the Local Agency and specifying the effective date thereof, at least twenty (20) days before the effective date of such termination.
- B. **Termination for Cause.** If, through any cause, the Local Agency shall fail to fulfill, in a timely and proper manner, its obligations under this agreement, or if the Local Agency shall violate any of the covenants, agreements, or stipulations of this agreement, the State shall thereupon have the right to terminate this agreement for cause by giving written notice to the Local Agency of its intent to terminate and at least ten (10) days opportunity to cure the default or show cause why termination is otherwise not appropriate. In the event of termination, all finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs and reports or other material prepared by the Local Agency under this agreement shall, at the option of the State, become its property, and the Local Agency shall be entitled to receive just and equitable compensation for any services and supplies delivered and accepted.

Notwithstanding the above, the Local Agency shall not be relieved of liability to the State for any damages sustained by the State by virtue of any breach of the agreement by the Local Agency, and the State may withhold payment to the Local Agency for the purposes of mitigating its damages until such time as the exact amount of damages due to the State from the Local Agency is determined.

If after such termination it is determined, for any reason, that the Local Agency was not in default or that the Local Agency's action/inaction was excusable, such termination shall be treated as a termination for convenience, and the

rights and obligations of the Parties shall be the same as if the agreement had been terminated for convenience, as described herein.

Section 13. Legal Authority

The Local Agency warrants that it possesses the legal authority to enter into this agreement and that it has taken all actions required by its procedures, by-laws, and/or applicable law to exercise that authority, and to lawfully authorize its undersigned signatory to execute this agreement and to bind the Local Agency to its terms. The person(s) executing this agreement on behalf of the Local Agency warrants that such person(s) has full authorization to execute this agreement.

Section 14. Representatives and Notice

The State will provide liaison with the Local Agency through the State's Region Director, Region 2, 905 Erie Avenue, Pueblo, CO 81001. Said Region Director will also be responsible for coordinating the State's activities under this agreement and will also issue a "Notice to Proceed" to the Local Agency for commencement of the work. All communications relating to the day-to-day activities for the work shall be exchanged between representatives of the State's Transportation Region 2 and the Local Agency. All communication, notices, and correspondence shall be addressed to the individuals identified below. Either Party may from time to time designate in writing new or substitute representatives.

If to the State:

David Watt, P.E.
CDOT Region 2 Engineering – North Program
1480 Quail Lake Loop
Colorado Springs, Colorado 80906
719-227-3202
david.watt@state.co.us

If to the Local Agency:

Kathleen Krager, Transportation Manager
City of Colorado Springs
Public Works Department
30 S. Nevada Avenue, Suite 401
Colorado Springs, Colorado 80903
719-385-7628
kkrager@springsgov.com

Section 15. Successors

Except as herein otherwise provided, this agreement shall inure to the benefit of and be binding upon the Parties hereto and their respective successors and assigns.

Section 16. Third Party Beneficiaries

It is expressly understood and agreed that the enforcement of the terms and conditions of this agreement, and all rights of action relating to such enforcement, shall be strictly reserved to the State and the Local Agency. Nothing contained in this agreement shall give or allow any claim or right of action whatsoever by any other third person. It is the express intention of the State and the Local Agency that any such person or entity, other than the State or the Local Agency receiving services or benefits under this agreement, shall be deemed an incidental beneficiary only.

Section 17. Governmental Immunity

Notwithstanding any other provision of this agreement to the contrary, no term or condition of this agreement shall be construed or interpreted as a waiver, express or implied, of any of the immunities, rights, benefits, protection, or other provisions of the Colorado Governmental Immunity Act, § 24-10-101, et seq., C.R.S., as now or hereafter amended. The Parties understand and agree that liability for claims for injuries to persons or property arising out of negligence of the State of Colorado, its departments, institutions, agencies, boards, officials and employees is controlled and limited by the provisions of § 24-10-101, et seq., C.R.S., as now or hereafter amended and the risk management statutes, § 24-30-1501, et seq., C.R.S., as now or hereafter amended.

Section 18. Severability

To the extent that this agreement may be executed and performance of the obligations of the Parties may be accomplished within the intent of the agreement, the terms of this agreement are severable, and should any term or provision hereof be declared invalid or become inoperative for any reason, such invalidity or failure shall not affect the validity of any other term or provision hereof.

Section 19. Waiver

The waiver of any breach of a term, provision, or requirement of this agreement shall not be construed or deemed as a waiver of any subsequent breach of such term, provision, or requirement, or of any other term, provision or requirement.

Section 20. Entire Understanding

This agreement is intended as the complete integration of all understandings between the Parties. No prior or contemporaneous addition, deletion, or other amendment hereto shall have any force or effect whatsoever, unless embodied herein by writing. No subsequent novation, renewal, addition, deletion, or other amendment hereto shall have any force or effect unless embodied in a writing executed and approved pursuant to the State Fiscal Rules.

Section 21. Survival of Agreement Terms

Notwithstanding anything herein to the contrary, the Parties understand and agree that all terms and conditions of this agreement and the exhibits and attachments hereto which may require continued performance, compliance or effect beyond the termination date of the agreement shall survive such termination date and shall be enforceable by the State as provided herein in the event of such failure to perform or comply by the Local Agency.

Section 22. Modification and Amendment

This agreement is subject to such modifications as may be required by changes in federal or State law, or their implementing regulations. Any such required modification shall automatically be incorporated into and be part of this agreement on the effective date of such change as if fully set forth herein. Except as provided above, no modification of this agreement shall be effective unless agreed to in writing by both Parties in an amendment to this agreement that is properly executed and approved in accordance with applicable law.

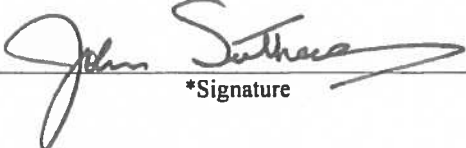
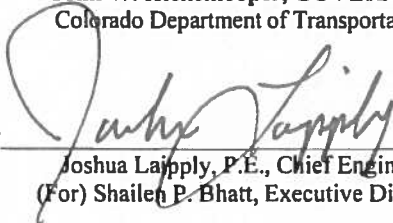
Section 23. Disputes

Except as otherwise provided in this agreement, any dispute concerning a question of fact arising under this agreement, which is not disposed of by agreement, will be decided by the Chief Engineer of the Department of Transportation. The decision of the Chief Engineer will be final and conclusive unless, within 30 calendar days after the date of receipt of a copy of such written decision, the Local Agency mails or otherwise furnishes to the State a written appeal addressed to the Executive Director of the Department of Transportation. In connection with any appeal proceeding under this clause, the Local Agency shall be afforded an opportunity to be heard and to offer evidence in support of its appeal. Pending final decision of a dispute hereunder, the Local Agency shall proceed diligently with the performance of the agreement in accordance with the Chief Engineer's decision. The decision of the Executive Director or his duly authorized representative for the determination of such appeals will be final and conclusive and serve as final agency action. This dispute clause does not preclude consideration of questions of law in connection with decisions provided for herein. Nothing in this agreement, however, shall be construed as making final the decision of any administrative official, representative, or board on a question of law.


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THE PARTIES HERETO HAVE EXECUTED THIS CONTRACT

* Persons signing for the Local Agency hereby swear and affirm that they are authorized to act on the Local Agency's behalf and acknowledge that the State is relying on their representations to that effect.

| | |
|--|--|
| <p>THE LOCAL AGENCY City of Colorado Springs</p> <p>By: John Suthers Title: Mayor</p> <p> *Signature</p> <p>Date: <u>7/20/2017</u></p> | <p>STATE OF COLORADO John W. Hickenlooper, GOVERNOR Colorado Department of Transportation</p> <p>By:  Joshua Lajpaly, P.E., Chief Engineer (For) Shailesh P. Bhatt, Executive Director</p> <p>Date: <u>8/1/2017</u></p> |
| <p>2nd The Local Agency Signature [if Needed]</p> <p>By: Title:</p> <p>_____ *Signature</p> <p>Date: _____</p> | |

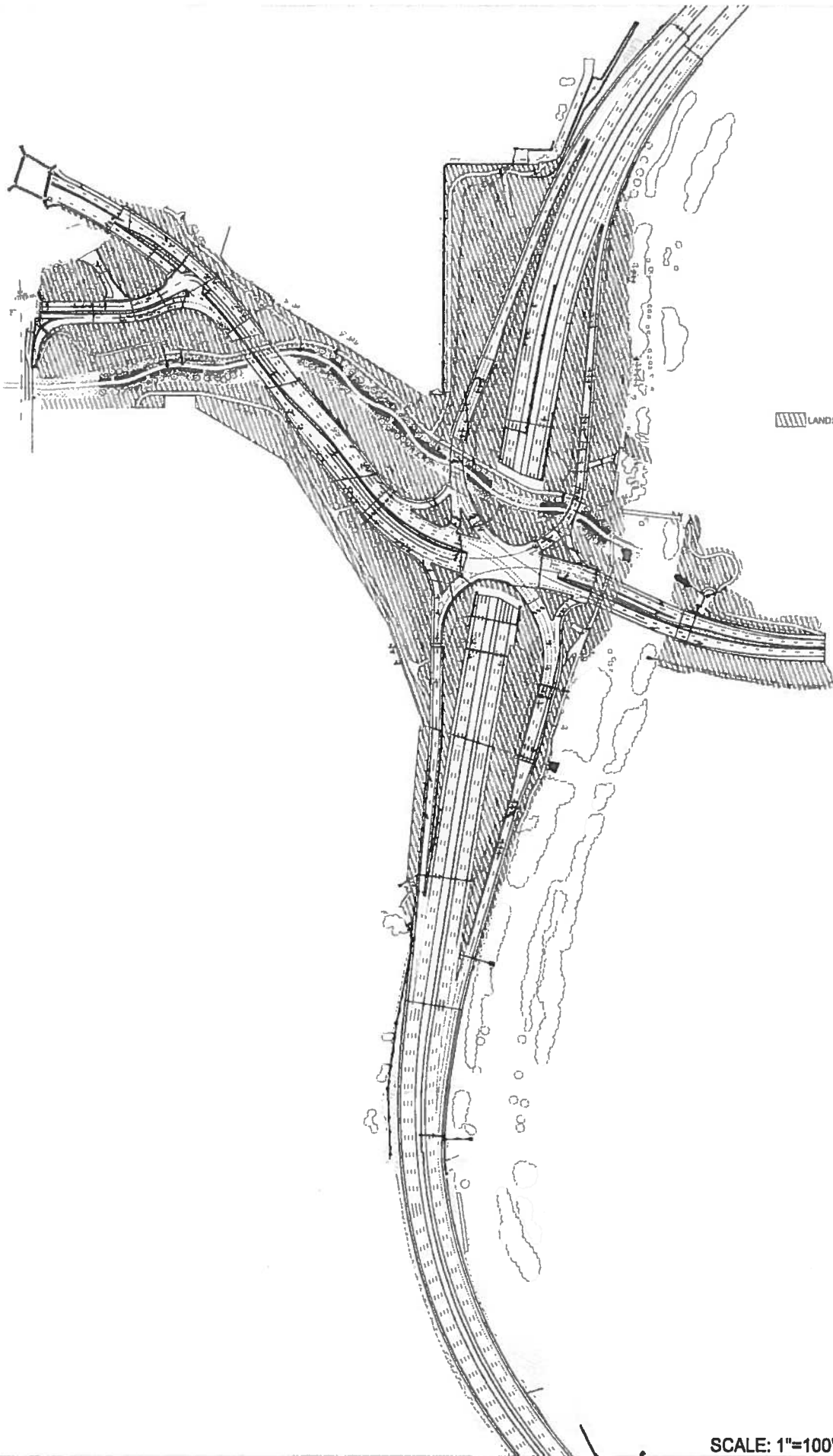
APPROVED AS TO FORM



SENIOR ATTORNEY
CITY OF COLORADO SPRINGS

EXHIBIT A – SCOPE OF WORK

SCOPE OF WORK



LANDSCAPING AREAS

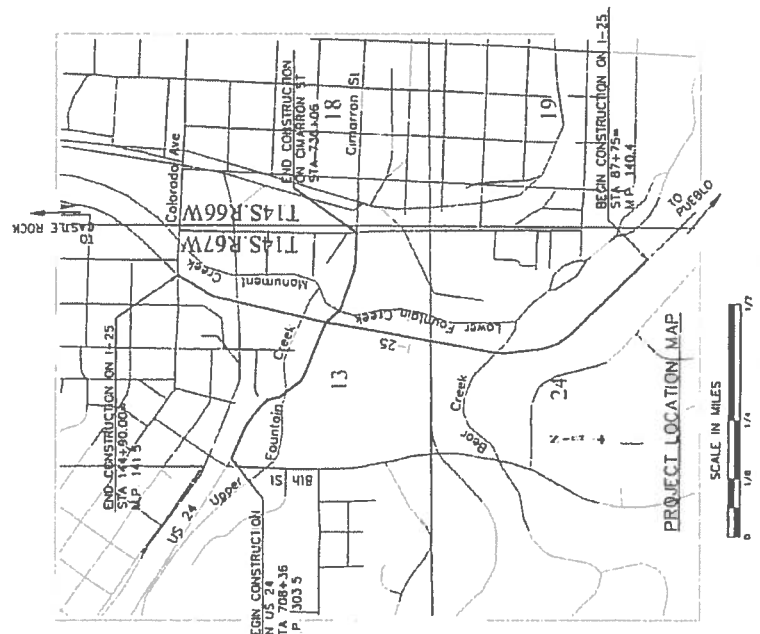
| | |
|---|----------------------|
| Related Projects: P... E... P... | IM 0252-423 19039 |
| R.O.W Projects P... E... P... | |

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

CONSTRUCTION PLANS OF PROPOSED FEDERAL AID PROJECT NO. IM 0252-423 INTERSTATE HIGHWAY NO. 25 / US 24 EL PASO COUNTY CONSTRUCTION PROJECT CODE NO. 19039

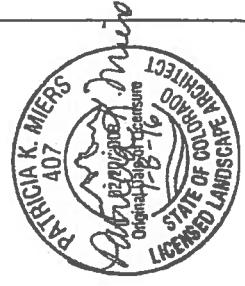
INDEX OF SHEETS

- TITLE SHEET
- LANDSCAPE
- SEEDING AND MULCHING PLANS
- LANDSCAPE PLANS
- MEDIAN PAVING PLANS
- QUADRANT WALL PLANS
- 5840 PLANS
- IRRIGATION PLANS
- IP-1 IP-37



| REVISION | DESCRIPTION | SHEET |
|----------|-------------|-------|
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| Print Date: 07/27/16 File Name: 1010.dwg Horiz. Scale: As Noted Vert. Scale: As Noted | Sheet Revisions Date: _____ Comments: _____ Int: _____ | Colorado Department of Transportation 1450 Quail Lake Loop, Suite A Colorado Springs, CO 80906 Phone: 719-634-2333 FAX 719-227-3298 Region 2 | As Constructed No Revisions. Revised: Void: | Contract Information PROPERTY: HIGHT ARCHITECT OWNER: TONY WATTS, JR. PROJECT ENGINEER: _____ DATE: 07/27/16 | Project No./Code IM 0252-423 19039 | Sheet Number 24-i |
|--|---|--|--|--|--|-------------------|



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|-----------------|
| Oversight / NHS |
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Emergency before
Call before you dig

LANDSCAPE PLANS - QUANTITIES

| DESCRIPTION | UNIT | UPLAND CITY | SEASIDE CITY | TOTAL CITY |
|---------------------------------------|------|-------------|--------------|------------|
| CLEARING AND GRUBBING | SF | 561,200 | 0 | 561,200 |
| SELECTIVE THINNING (TREE REMOVAL) | SF | 307,950 | 0 | 307,950 |
| SOIL PREPARATION (TOPSOIL 1" DEPTH) | CY | 12,500 | 500 | 13,000 |
| NATIVE SEED | SF | 1,650,000 | 0 | 1,650,000 |
| EROSION CONTROL BARRIERS (TRENCH) | SF | 142,250 | 66,300 | 208,550 |
| REPAIR AND SEED | SF | 32,000 | 66,300 | 98,300 |
| 1.17" ROCK HAIR | SF | 17,000 | 0 | 17,000 |
| 5-12" INCH MTR. GRANITE ROCK | SF | 19,000 | 0 | 19,000 |
| GRAY STABILIZED CRUSHER FINES | SF | 6,400 | 0 | 6,400 |
| DECIDUOUS SHADE TREES (7' CAL) | EA | 50 | 0 | 50 |
| ORNAMENTAL TREES (7' CAL) | EA | 90 | 0 | 90 |
| EVERGREEN TREES (8' HT) | EA | 114 | 0 | 114 |
| DECIDUOUS SHRUBS (3' HT) | EA | 1,258 | 0 | 1,258 |
| PERENNIALS | EA | 650 | 2,790 | 3,440 |
| GRASSES (1' HT) | EA | 2,105 | 0 | 2,105 |
| LANDSCAPE MAINTENANCE | LS | 1 | 1 | 2 |
| 5-12" HIGH COLORADO ROSE ROCK | SF | 4,850 | 0 | 4,850 |
| ORNAMENTAL TREES (8' FOOT CLUMP) | EA | 51 | 0 | 51 |
| DECIDUOUS SHRUBS (1' HT) | EA | 189 | 381 | 570 |
| GORILLA HAIR MULCH | SF | 170,000 | 0 | 170,000 |
| METAL LANDSCAPE BORDER (24" x 1/2") | LF | 2,600 | 0 | 2,600 |
| LANDSCAPE BOLLERS | EA | 30 | 0 | 30 |
| DORMANT LOG CUTTINGS | EA | 0 | 168 | 168 |
| DECORATIVE BOLLER WALL | LF | 320 | 0 | 320 |
| MEDIA COVER MATERIAL (STAMPED BRICK) | SF | 8,200 | 0 | 8,200 |
| MEDIA COVER MATERIAL (CUSTOM PATTERN) | SF | 19,700 | 0 | 19,700 |
| CONCRETE PAVEMENT (8") | SF | 1,000 | 0 | 1,000 |

INDICATES PAY ITEM THAT WAS NOT INCLUDED ON FORM K-1
 EROSION CONTROL BARRIERS SHALL BE USED FOR SLOPES STEEPER THAN 3:1 PER TECHNICAL REQUIREMENTS SECTION 17.7 BEING BIDDING.
 CONCRETE PAVEMENT (8") ACCOUNTS FOR MAINTENANCE PAVING SLABS AT PARKING ISLAND LOCATIONS.

UPLAND PLANT SCHEDULE

| KEY | QUANTITY | BOTANICAL NAME | COMMON NAME | SIZE | SPACING | WATER USE |
|-----------------------------|----------|---------------------------------------|----------------------------------|---------|----------|-----------|
| DECIDUOUS TREES | | | | | | |
| CE CC | 17 | CELTIS OCCIDENTALIS | WESTERN HACKBERRY | 2' CAL | AS SHOWN | LOW |
| QU BI | 33 | QUERCUS BICOLOR | DWARF WHITE OAK | 2' CAL | AS SHOWN | LOW |
| ORNAMENTAL TREES | | | | | | |
| AC CI | 24 | ACER OPALHA FLAME | AJUR MAPLE | 2' CAL | AS SHOWN | LOW |
| AM GR | 22 | AMELANCHIER X GRANDIFLORA AUTUMN BIRL | AUTUMN BRILLIANCE SERVICEBERRY | 8' COMP | AS SHOWN | LOW |
| AM GR | 14 | AMELANCHIER X GRANDIFLORA AUTUMN BIRL | AUTUMN BRILLIANCE SERVICEBERRY | 7' CAL | AS SHOWN | LOW |
| CR AM | 29 | CRATAEGUS AMBIGUA | RUSSIAN HAWTHORN | 8' COMP | AS SHOWN | LOW |
| CR AM | 12 | CRATAEGUS AMBIGUA | RUSSIAN HAWTHORN | 2' CAL | AS SHOWN | LOW |
| PR PA | 49 | PRUNUS PRUNUS SUMMER GLOW | PURPLE LEAF MAYDAY TREE | 2' CAL | AS SHOWN | LOW |
| EVERGREEN TREES | | | | | | |
| PI ED | 59 | PHILUS EDULIS | PIECH PINE | 8' HT | AS SHOWN | LOW |
| PI NI | 56 | PHILUS NIGRA | AUSTRALIAN PINE | 8' HT | AS SHOWN | LOW |
| DECIDUOUS SHRUBS | | | | | | |
| AM AL | 19 | AMELANCHIER ALBIFLORA | SASKATOON SERVICEBERRY | 5 GAL | 8' O.C. | LOW |
| AM TR | 47 | AMORPHA FRUTICOSA | FALSE INDIGO | 5 GAL | 17' O.C. | LOW |
| CO SE | 117 | CORNUS SERICEA COLORADOENSE | COLORADO DOGWOOD | 5 GAL | 5' O.C. | LOW |
| EL CD | 128 | ELEAGNUS COMMUNITA | SILVERBERRY | 5 GAL | 8' O.C. | LOW |
| FR AL | 114 | FRAXINUS ALBA 'FINE LINE' | TALL FERNLEAF BUCKHORN | 5 GAL | 5' O.C. | LOW |
| FR AM | 108 | FRAXINUS AMERICANA | MALINE PLUM | 5 GAL | 17' O.C. | LOW |
| PR BE | 348 | PRUNUS BESSEYI | WESTERN SHARPBERRY | 5 GAL | 6' O.C. | LOW |
| RI AU | 76 | RIBES AUREUM | GOLDFEN CURRANT | 5 GAL | 6' O.C. | LOW |
| RI AR | 302 | RIBES ARDANCA 'GROW LOW' | GROW LOW SUAC | 5 GAL | 6' O.C. | LOW |
| PERENNIALS / GRASSES | | | | | | |
| CA AC | 1,100 | CAULOPOGON ACUTIFLORA VAR. FOERSTER | KARL FOERSTER FEATHER REED GRASS | 1 GAL | 3' O.C. | LOW |
| HE BE | 606 | HELOPSYCHIS SEMPERVIRENS | BLUE ANEM GRASS | 1 GAL | 3' O.C. | LOW |
| PO TR | 328 | POTENTILLA FRUTICOSA 'YELLOW GEM' | YELLOW GEM POTENTILLA | 1 GAL | 25' O.C. | LOW |

NOTE: SHAD PLANT SCHEDULE IS NOT SHOWN. SEE SHAD SHEETS FOR SHAD QUANTITIES

NATIVE SEED

| BOTANICAL NAME * | COMMON NAME | DIS. / ACRES |
|----------------------------|----------------------------|--------------|
| DALEA PURPUREA | PURPLE PRUNICE CLOVER | 0.99 |
| ROSTKOPFIA BRUCIUS | ROCKY MOUNTAIN PRINCESTRON | 0.99 |
| ACHILLEA MILEFOLIUM | INDIAN RICE GRASS | 1.8 |
| BOULEGARDIA CRISTATA | SIDE OATS GRASS | 3.8 |
| BUCKLE DACTYLODES | BLUE GRASS | 1.8 |
| ELIUS VIRIDULA | THICKSPICE | 3.0 |
| ELIUS VIRIDULA | THICKSPICE | 3.0 |
| PASCOPYRUM SMITHII ARIZONA | WESTERN WHEATGRASS | 9.0 |
| SPOROBOLUS AIROIDES | ALPINE SACATON | 3.6 |

* IDENTIFICATION FOLLOWS CITY OF COLORADO SPRINGS DRAINAGE CRITERIA MANUAL
 ** RATES ARE FOR DRILLED DOUBLE F-HARD BROADCAST

SHEET INDEX

- LD01-LD06 LANDSCAPE DETAILS
- LD01-LD06 SEEDING & MULCHING PLANS
- LD01-LD06 LANDSCAPE PLANS
- LD01-LD06 PLANTING PLANS
- LD01-LD06 CONSTRUCTION PLANS
- LD01-LD06 SUBSOIL PLANS



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 Colorado Springs, CO 80909
 Phone: 719-634-3333 Fax: 719-227-1298

Region 2

As Constructed
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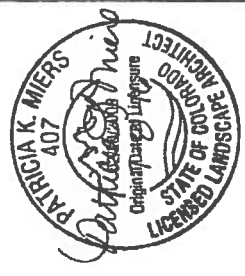
Project No./Code: IM 0252-473
 19039
 Sheet Number: 24-1

LANDSCAPE SCHEDULE
 Structure Numbers
 Detailer:
 Sheet Subrel: LANDSCAPE Subrel Sheets: LD01 to 06



GENERAL LANDSCAPE NOTES:

- 1 ALL PLANT MATERIALS SHALL BE TRUE TO TYPE, SIZE, SPECIES, QUALITY, SYMMETRICAL FORM, HAVE FULL BRANCHING AND FREE OF INJURY, BROKEN ROOT BALLS, PESTS, AND DISEASES, AS WELL AS CONFORM TO THE MINIMUM REQUIREMENTS DESCRIBED IN THE "AMERICAN STANDARDS FOR NURSERY STOCK."
- 2 STAKE ALL TREE LOCATIONS FOR APPROVAL BY CDDT PRIOR TO INSTALLATION
- 3 NO SUBSTITUTIONS OF PLANT MATERIAL SHALL BE MADE WITHOUT CONSENT OF CDDT. ALL PLANT MATERIAL TAGS SHALL REMAIN ON TREES UNTIL FINAL ACCEPTANCE
- 4 THE CONTRACTOR SHALL VERIFY THE LOCATION OF AND PROTECT ALL UTILITIES AND STRUCTURES PRIOR TO AND DURING WORK. DAMAGE TO UTILITIES AND STRUCTURES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE AND TO THE SATISFACTION OF THE CITY
- 5 PROPOSED TREES SHALL BE LOCATED A MINIMUM OF 15 FEET FROM WATER OR WASTEWATER MAINLINES AND A MINIMUM OF 9 FEET FROM ELECTRIC AND GAS DISTRIBUTION LINES
- 6 CONTRACTOR SHALL OBTAIN A LABORATORY TOPSOIL ANALYSIS REPORT TO PROVIDE ANALYSIS OF SOIL FERTILITY AND RECOMMENDATIONS FOR SOIL AMENDMENTS, FERTILIZER PRODUCTS, AND APPLICATION RATES FOR PLANT BED AREAS. CONTRACTOR SHALL PROVIDE CITY PAINS A COPY OF SOILS REPORT
- 7 ALL TOPSOIL SHALL BE A LOAM OR SANDY LOAM. IMPORTED TOPSOIL SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL BE A NATURAL, FRABLE SOIL REPRESENTATIVE OF PRODUCTIVE SOILS. ON-SITE TOPSOIL MAY BE USED BUT SHALL BE AMENDED TO MEET SPECIFICATIONS
- 8 LANDSCAPE EDGING SHALL BE COMMERCIAL GRADE STEEL LANDSCAPE EDGING. COLOR TO BE DARK GREEN. EDGING SHALL BE 3/16" THICKNESS WITH A 5-1/2" MIN. DEPTH AND STAKED TO A MIN. 12" DEPTH. PROVIDE EDGING AROUND ALL AREAS INDICATED ON PLAN. THE TOP OF ALL EDGING MATERIALS SHALL BE SET FLUSH WITH FINISHED GRADE OF PLANT BED
- 9 MULCHING (DECORATIVE) SHALL BE:
 - (A) 1-1/2" INCH ROCK MULCH w/ GRAY OR TAN HUES. INSTALLED TO A UNIFORM DEPTH OF 4 INCHES. MULCH TO BE INSTALLED IN ORNAMENTAL GRASS BEDS. CONTRACTOR SHALL SUBMIT SAMPLE TO CDDT FOR APPROVAL AT LEAST ONE WEEK PRIOR TO CONSTRUCTION
 - (B) 5-12" INCH COLORADO ROSE ROCK INSTALLED TO A DEPTH OF 12 INCHES. ROCK TO BE INSTALLED BENEATH I-26 BRIDGE. CONTRACTOR SHALL SUBMIT SAMPLE TO CDDT FOR APPROVAL AT LEAST ONE WEEK PRIOR TO CONSTRUCTION
 - (C) 1-1/2" INCH MULCH. CONTRACTOR SHALL SUBMIT SAMPLE TO CDDT FOR APPROVAL AT LEAST ONE WEEK PRIOR TO CONSTRUCTION
- 10 MULCHING SHALL BE GORILLA HAIR MULCH OR APPROVED EQUIVALENT AND HAVING MINIMUM DIMENSIONS OF 14-1/2" WIDTH AND 3-1/2" INCH LENGTH. MULCH SHALL BE INSTALLED TO A MINIMUM UNIFORM DEPTH OF 3 INCHES. GORILLA HAIR MULCH SHALL BE PLACED IN ALL PLANT BEDS AS INDICATED ON PLANS AND IN 6-FOOT DIAMETER TREE SAUCERS IN SEED BED AREAS (NOTE: SAUCER DIAMETER MAY BE REDUCED TO 4-FOOT DIA. ON 3:1 SLOPES AND GREATER). CONTRACTOR SHALL SUBMIT SAMPLE TO CDDT FOR APPROVAL AT LEAST ONE WEEK PRIOR TO CONSTRUCTION
- 11 THE INFORMATION SHOWN ON THESE PLANS CONCERNING THE TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 811 (1-800-822-1987) AT LEAST 3 DAYS (2 DAYS NOT INCLUDING THE DAY OF NOTIFICATION) PRIOR TO ANY EXCAVATION OR OTHER EARTHWORK
- 12 THE NOTES, DETAILS, DIMENSIONS, AND SPECS SHOWN ON THESE PLANS CONFORM TO CITY OF COLORADO SPRINGS STANDARDS AS WELL AS EXPLICIT PROJECT SPECIFICATIONS. WHERE CONFLICT OCCURS BETWEEN THE CITY STANDARDS AND THE PROJECT SPECIFICATIONS, THE PROJECT SPECS SHALL GOVERN
- 13 ENSURE ALL DECORATIVE DOULDER WALLS ARE MINIMUM 5'-0" FROM FACE OF CURB
- 14 REMOVE ALL TREE WRAP FROM TREES ON MARCH 31 IN PINES PEAK REGION
- 15 SEE DRAINAGE PLANS FOR SLOPE PROTECTION



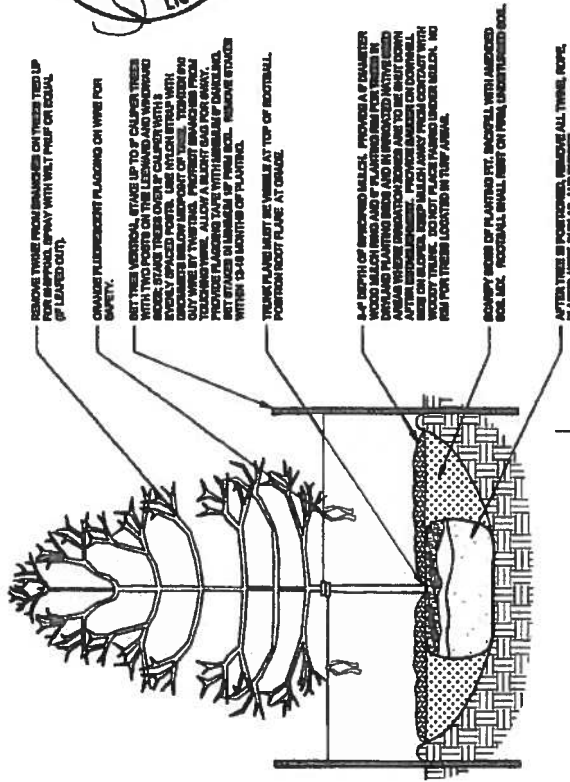
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| THOMAS SWAINS HOLDINGS CONSULTING ENGINEERS | | | |
| Colorado Department of Transportation Region 2 | | 1480 Quail Lake Loop, Suite A Colorado Springs, CO 80906 Phone 719-634-2323 FAX 719-277-3299 DMW | |
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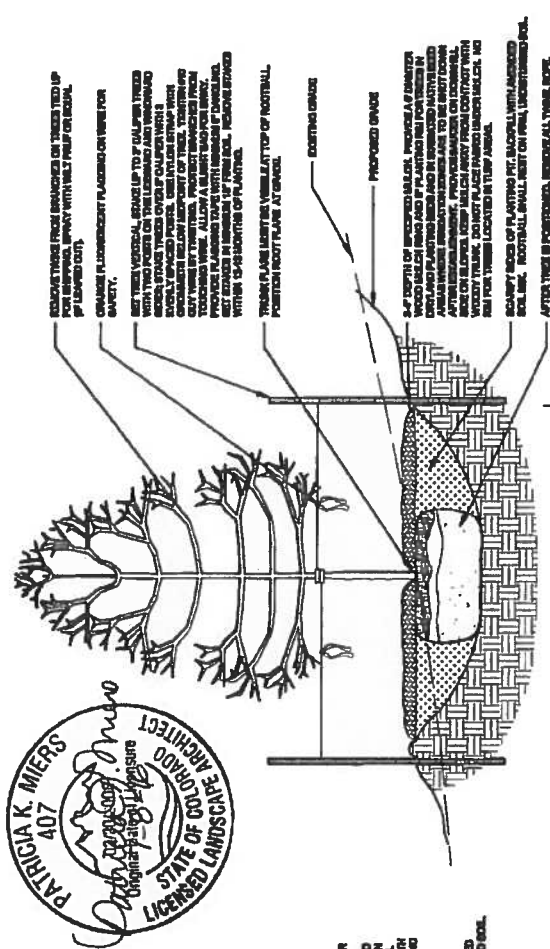
Know what's below.
Call before you dig.

- NOTES:
1. MARK THE NORTH SIDE OF TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE WHENEVER POSSIBLE.
 2. AT TIME OF PLANTING, DO NOT REMOVE OR CUT LEADER AND PRUNE ONLY DEAD OR BROKEN BRANCHES, CROSS OVER BRANCHES, AND WEAK OR NARROW CROTCHES. SOME INTERIOR THIRDS AND LATERAL BRANCHES MAY BE PRUNED. HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
 3. STRUCTURAL PRUNING SHOULD NOT BEGIN UNTIL AFTER ESTABLISHMENT PERIOD.
 4. DO NOT FERTILIZE FOR AT LEAST ONE GROWING SEASON.
 5. AMENDED BARKPILL SHALL BE 1/3 COMPOST (PREFERABLY CLASSIFIED) AND 2/3 NATIVE AND/OR IMPORTED TOPSOIL.
 6. WRAP TRUNK ON EXPOSED BITES AND BRANCHES WITH THIN BARK. USE ELECTRICAL OR DUCT TAPE, NOT TWINE.
 7. COORDINATE WITH CITY FORESTRY FOR CURRENT INSECT AND DISEASE RECOMMENDATIONS PRIOR TO PLANTING.
 8. DEEP WATER ALL PLANTS AT TIME OF PLANTING.

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① DECIDUOUS TREE PLANTING DETAIL



② DECIDUOUS TREE PLANTING ON SLOPES DETAIL



Rev: 11.13.08



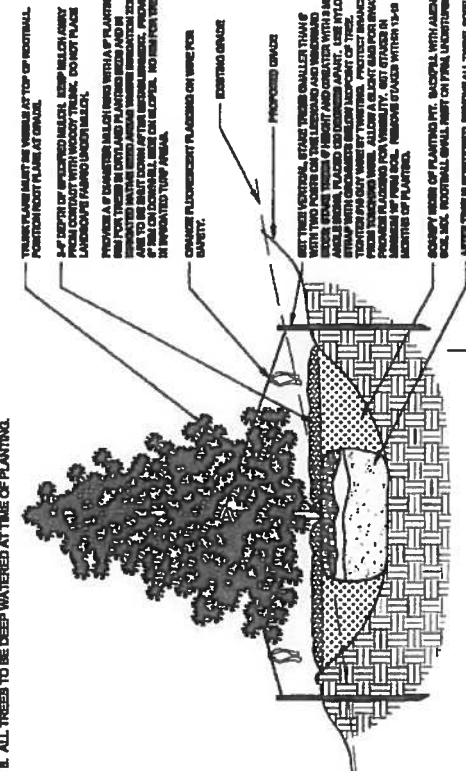
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| 19039 SAMONIS HOLDINGS CONSULTING ENGINEERS | | | | Colorado Department of Transportation 1480 Dual Lake Loop, Suite A Colorado Springs, CO 80906 Phone: 719-634-2323 FAX: 719-227-3298 DMW | | | | | | |
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| | | | | Detailer: | | Sheet Number: 24-3 | | | | |
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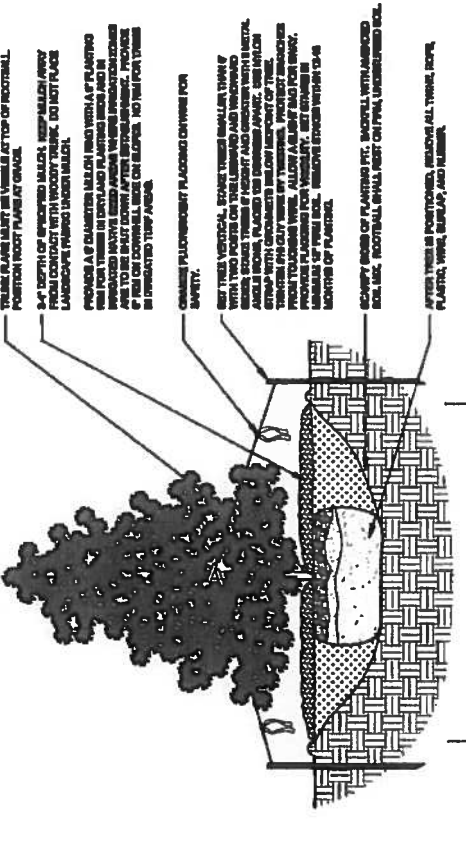
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- NOTES:**
1. DO NOT REMOVE OR CUT LEADER.
 2. PRUNE ONLY DEAD OR BROKEN BRANCHES IMMEDIATELY PRIOR TO PLANTING.
 3. DO NOT REMOVE ANY DOUBLE LEADER, UNLESS OTHERWISE DIRECTED BY OWNER'S REPRESENTATIVE.
 4. KEEP PLANTS MOIST AND SHADED UNTIL PLANTING.
 5. AMENDED BACKFILL SHALL BE 1/2 COMPOST (PREFERABLY CLASSIFIED) AND 2/3 NATIVE AND/OR IMPORTED TOPSOIL.
 6. MARK THE NORTH SIDE OF TREE IN THE NURSERY, AND ROTATE TREES TO FACE NORTH AT THE SITE WHENEVER POSSIBLE.
 7. PINE AND SPRUCE TREES TO BE SPRAWLED FOR IPS BARK BEETLE PRIOR TO PLANTING. COORDINATE WITH CITY FORESTRY FOR CURRENT INSECT AND DISEASE RECOMMENDATIONS PRIOR TO PLANTING.
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1 EVERGREEN TREE PLANTING ON SLOPES DETAIL

2 EVERGREEN TREE PLANTING ON SLOPES DETAIL

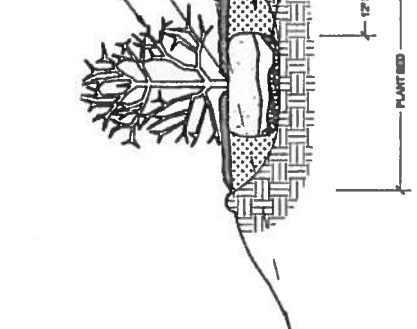
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| TSOUVARAS SOMAKIS HOLDINGS CONSULTING ENGINEERS | Colorado Department of Transportation 1480 Quail Lake Loop, Suite A Boulder, CO 80502 Phone: 719-638-2333 FAX: 719-227-3298 DMW | Notes & Details Designer: Detailer: Sheet Subset: LANDSCAPE Sheet: LANDSCAPE 06 | Structure Numbers Subst: LANDSCAPE 06 |
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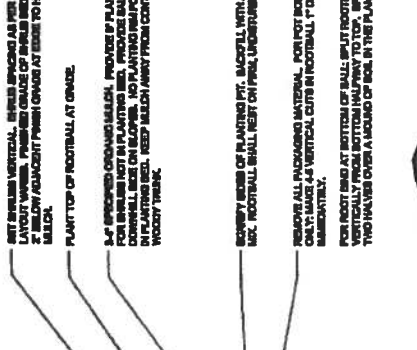
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 3. DO NOT FERTILIZE FOR AT LEAST ONE GROWING SEASON.
 4. AMENDED BACKFILL SHALL BE 4:0 COMPOST (PREFERABLY CLASSIFIED) AND 2:0 NATIVE AND/OR IMPORTED TOPSOIL.
 5. ALL SHRUBS IN ROCK AREAS TO RECEIVE ENRICHED MULCH RINGS.
 6. DEEP WATER ALL PLANTS AT TIME OF PLANTING.



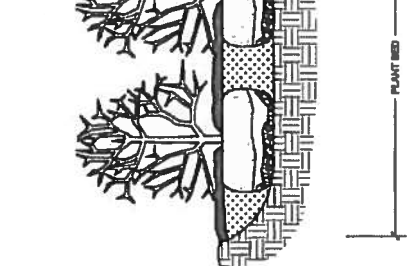
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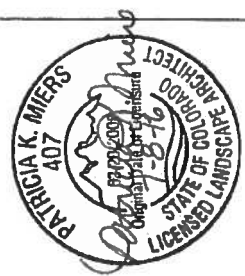
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| No Revisions: Revised: V o d: | | As Constructed | |
| Colorado Department of Transportation 1480 Quail Lake Loop, Suite A Colorado Springs, CO 80906 Phone 719-634-2323 FAX 719-227-3298 DMW | | | |
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TREE PRUNING GUIDELINES:

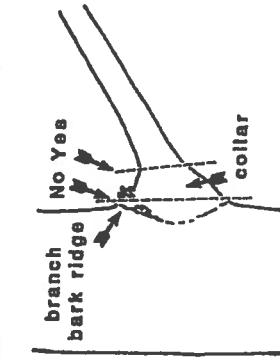


Figure 1: When removing a branch, always cut outside the branch bark ridge and collar. Do not make a flush cut.

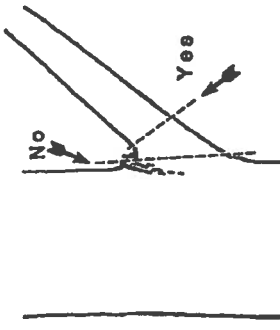


Figure 2: Branches that do not have a distinct collar should be cut at a right angle to the branch outside of the branch bark ridge.

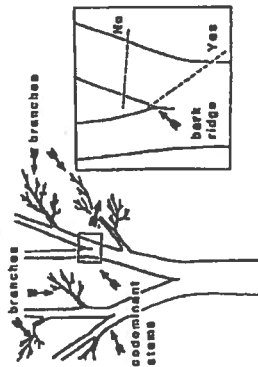


Figure 3: Trees have both branches and stems that look like branches, called, codominant stems as shown on the left. If a codominant stem must be removed, cut at an angle outside of the bark ridge as shown in the insert at right. Avoid leaving any stub.

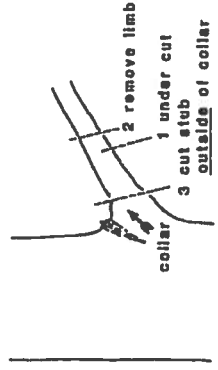


Figure 4: When removing heavy limbs, first make an undercut several inches outside of the collar. Then remove limb by a second cut on top or no outside of the first cut. Remove stub with a third cut just outside of the collar.

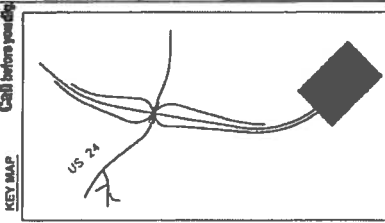
TREE TRIMMING AND REMOVAL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO SCHEDULE AND PARTICIPATE IN A WALK-THROUGH OF THE SITE WITH THE ENGINEER, CDDT, AND A CITY REPRESENTATIVE TO MARK TAG TREES TO BE REMOVED OR TRIMMED
2. ALL TRIMMING, PRUNING AND REMOVAL WORK IS TO BE ACCOMPLISHED USING THE AMERICAN NATIONAL STANDARD INSTITUTE STANDARDS (ANSI A 300-1989 SECTION 5.3.3.2)
3. THIS WORK SHALL BE DONE BY A CONTRACTOR OR SUBCONTRACTOR WHO IS A QUALIFIED TREE SURGEON AND A MEMBER OF THE NATIONAL ARBORIST ASSOCIATION. THE FIRMS OR INDIVIDUAL'S NAME AND QUALIFICATIONS SHALL BE SUBMITTED AT THE PRE-CONSTRUCTION CONFERENCE FOR THE ENGINEER'S APPROVAL. A LIST OF REFERENCES AND OTHER CLIENTS SHALL BE INCLUDED WITH THE QUALIFICATIONS STATEMENT. A WRITTEN DESCRIPTION OF WORK METHODS AND TIME SCHEDULES SHALL BE SUBMITTED AND APPROVED IN WRITING BY THE ENGINEER PRIOR TO WORK COMMENCING
4. ALL WORK SHALL BE DONE ACCORDING TO THE FOLLOWING REQUIREMENTS

1. TRIMMING AND PRUNING SHALL BE DONE WITH PROPER, SHARP, CLEAN TOOLS IN SUCH A MANNER AS TO PRESERVE THE NATURAL CHARACTER OF THE TREE
2. ALL FINAL CUTS SHALL LEAVE NO PROJECTIONS ON OR OFF THE BRANCH AND SHALL NOT BE CUT SO CLOSE AS TO ELIMINATE THE BRANCH COLLAR
3. TO AVOID BARK STRIPPING, ALL BRANCHES 2 INCHES IN DIAMETER AND LARGER SHALL BE CUT USING THE 3-CUT METHOD. THESE BRANCHES SHALL BE LOWERED TO THE GROUND BY PROPER ROPES
4. TOOLS USED ON TREES KNOWN OR FOUND TO BE DISEASED, SHALL BE DISINFECTED WITH ALCOHOL BEFORE THEY ARE USED ON OTHER TREES
5. STRUCTURAL WEAKNESSES, DECAYED TRUNK OR BRANCHES, OR SPLIT CROTCHES SHALL BE REPORTED TO THE ENGINEER
6. WHEN CUTTING BACK OR TOPPING TREES, THE CONTRACTOR SHALL USE THE DROP-CROTCH METHOD AND AVOID CUTTING BACK TO SMALL SURVIVOR BRANCHES. BRANCHES TO BE REMOVED IN SUCH A MANNER SO AS TO LEAVE THE FOLIAGE PATTERN EVENLY DISTRIBUTED
7. WHEN REDUCING SIZE (CUT BACK OR TOPPING) NOT MORE THAN ONE-THIRD OF THE TOTAL AREA SHALL BE REDUCED AT A SINGLE OPERATION
8. CLIMBING SPRES SHALL NOT BE USED ON TREES NOT SCHEDULED FOR REMOVAL
9. MAKE SMOOTH CUTS ON ANY BEVERED TREE ROOTS GREATER THAN 2 INCHES DIAMETER. DO NOT RIP OR TEAR, BY EXCAVATION EQUIPMENT. ROOTS OF TREES TO REMAIN
10. FERTILIZERS, INSECT SPRAYS OR OTHER CHEMICALS SHALL NOT BE APPLIED BEFORE OR DURING ROOT OR BRANCH PRUNING PROCESSES
11. CONTRACTOR SHALL PROMPTLY REPORT ANY TREES DAMAGED OR SCARRED DURING CONSTRUCTION TO THE ENGINEER FOR ASSESSMENT OF DAMAGES. DAMAGED OR DESTROYED TREES THAT WERE SCHEDULED TO BE SAVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR
12. TREE STUMPS WITHIN THE ROADWAY PRISM OR WITHIN 10 FEET OF THE EDGES OF ROADWAY PAVEMENTS SHALL BE COMPLETELY REMOVED AND DISPOSED OFF THE PROJECT SITE. ALL OTHER TREE STUMPS WITHIN THE ROADWAY PRISM SHALL BE GRUBBED AND REMOVED. METRIC PLANS AND DETAILS SHALL PROVIDE LIMITS OF CLEARING/GRUBBING AND SELECTIVE TRIMMING ACTIVITIES
13. WHEN TREES HAVE BEEN DAMAGED ABOVE 10 INCH CALIPER, CONTRACTOR SHALL BE LIABLE FOR THE APPRAISED VALUE DATED UPON THE OFFICIAL CURRENT PUBLICATION OF THE INTERNATIONAL SOCIETY OF ARBORICULTURE GUIDE FOR PLANT APPRAISALS. THE VALUE OF SUCH TREES OR SHRUBS SHALL BE CALCULATED ACCORDING TO THE FOLLOWING FORMULA
(TREE SIZE) X (SPECIES) X (LOCATION) X (ARBORIST) X (TREE VALUE)



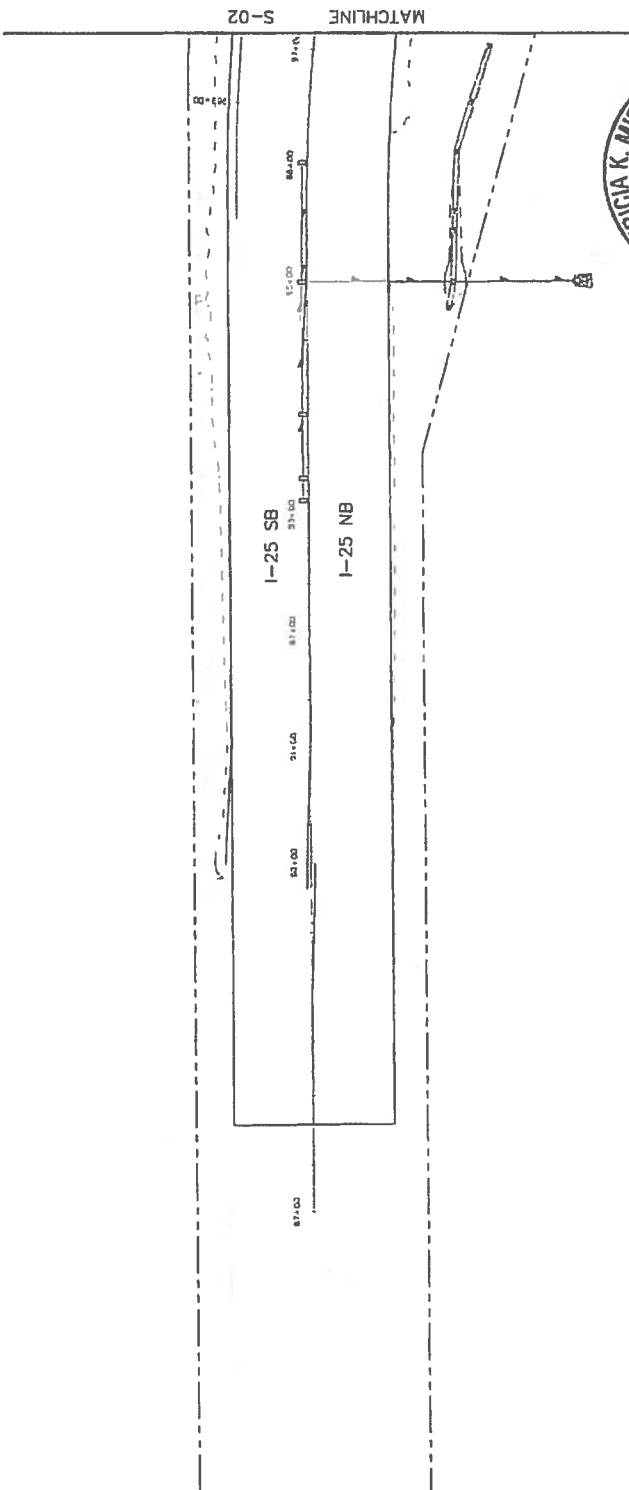
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| TSOUVARIS SHAMKINS HOLDINGS CONSULTING ENGINEERS | DMW | Designer: Detailer: Structure Numbers: | Sheet Subst: LANDSCAPE | Secret Sheet: LDD06.r 05 | |
| Sheet Revisions | | Date | Comments | 0000 | |



LEGEND

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|-----------|-------------------------------|
| [Pattern] | RIPARIAN SEED (SB 40) |
| [Pattern] | NATIVE SEED |
| [Pattern] | GORILLA HAIR MULCH |
| [Pattern] | 1 1/2" ROCK MULCH |
| [Pattern] | 5-12" CO ROSE |
| [Pattern] | 5-12" MTN GRANITE |
| [Pattern] | GRAY STABILIZED CRUSHER FINES |

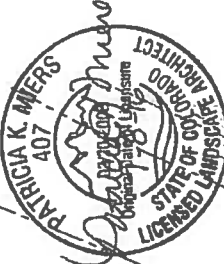
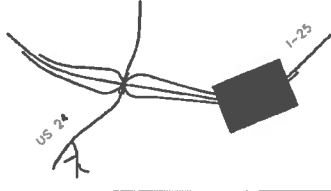
NOTE: PROVIDE COMMERCIAL STEEL EDGING AROUND ALL COBBLE MULCH.



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 Know what's below.
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KEY MAP

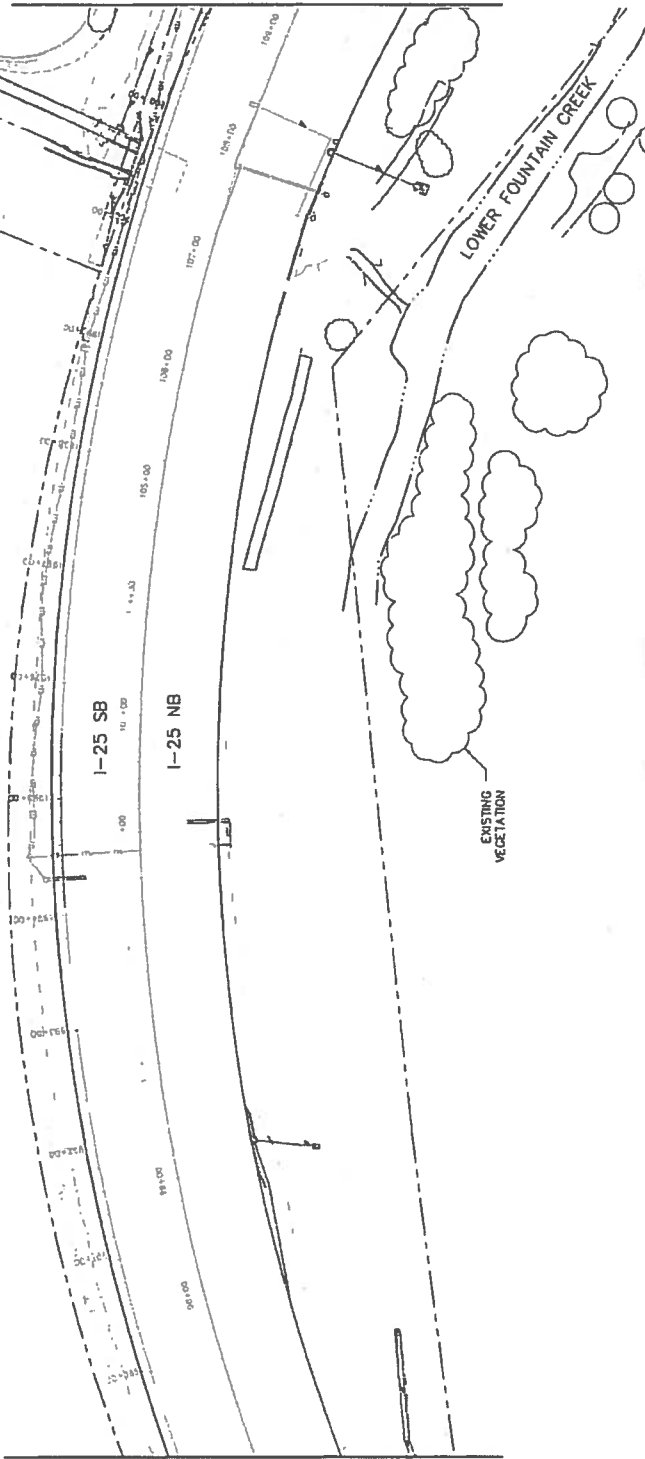


LEGEND

- RIPARIAN SEED (SB 40)
- NATIVE SEED
- GORILLA HAIR MULCH
- 1 1/2" ROCK MULCH
- 5-12" CO ROSE
- 5-12" MTN GRANITE
- GRAY STABILIZED CRUSHER FINES

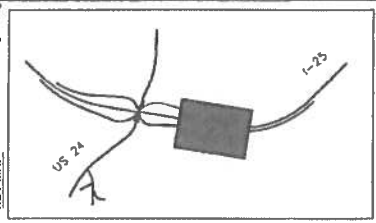
NOTE: PROVIDE COMMERCIAL STEEL EDGING AROUND ALL COBBLE MULCH.

S-03 MATCHLINE



S-01 MATCHLINE

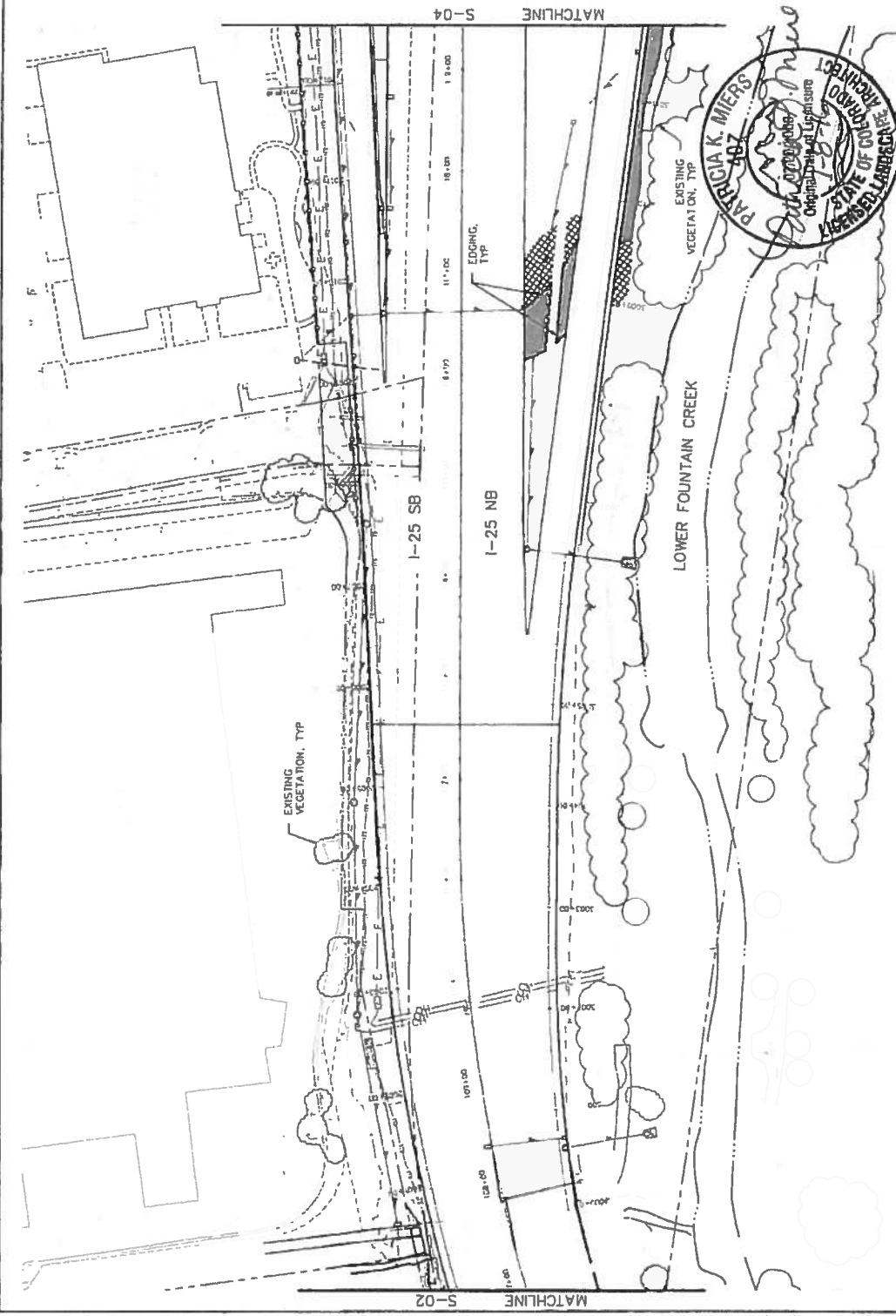
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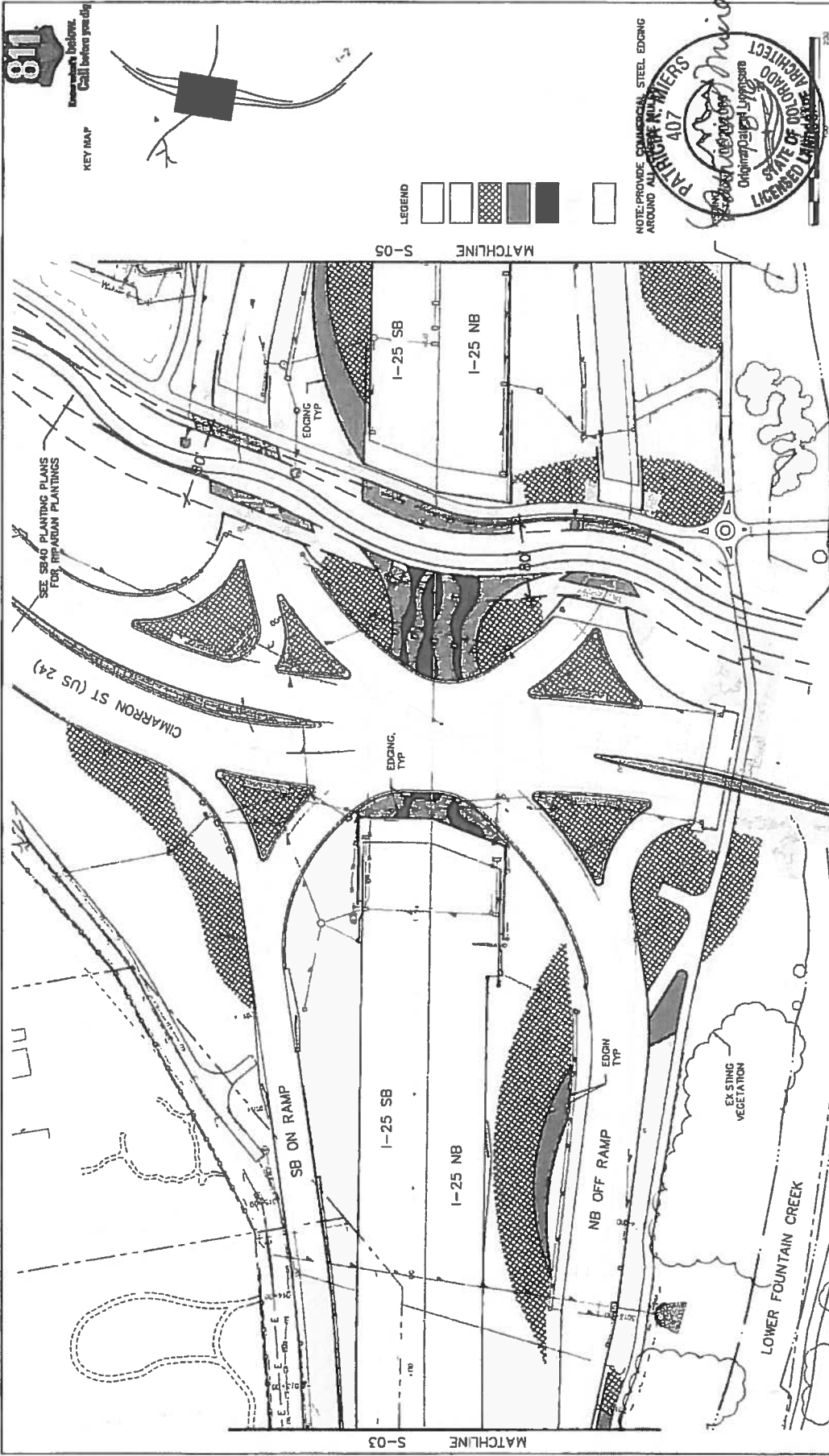
LEGEND

| | |
|----------|-----------------------|
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| [Symbol] | NATIVE SEED |
| [Symbol] | GORILLA HAIR MULCH |
| [Symbol] | 1 1/2" ROCK MULCH |
| [Symbol] | 5-12" CO ROSE |
| [Symbol] | 5-12" MTK ANITE |
| [Symbol] | GRAY STA CRUSHER |

NOTE: PROVIDE COMMERCIAL STEEL EDGING AROUND ALL COBBLE MULCH.



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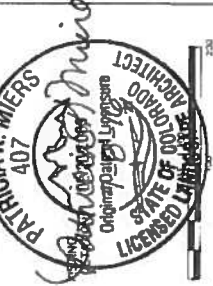


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KEY MAP



NOTE: PROVIDE COMMERCIAL STEEL EDGING AROUND ALL PLANTING MATERIALS

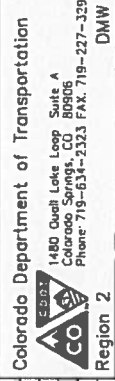


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TSOUVARIS SWANSON HOLDINGS
CONSULTING ENGINEERS

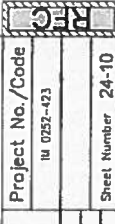


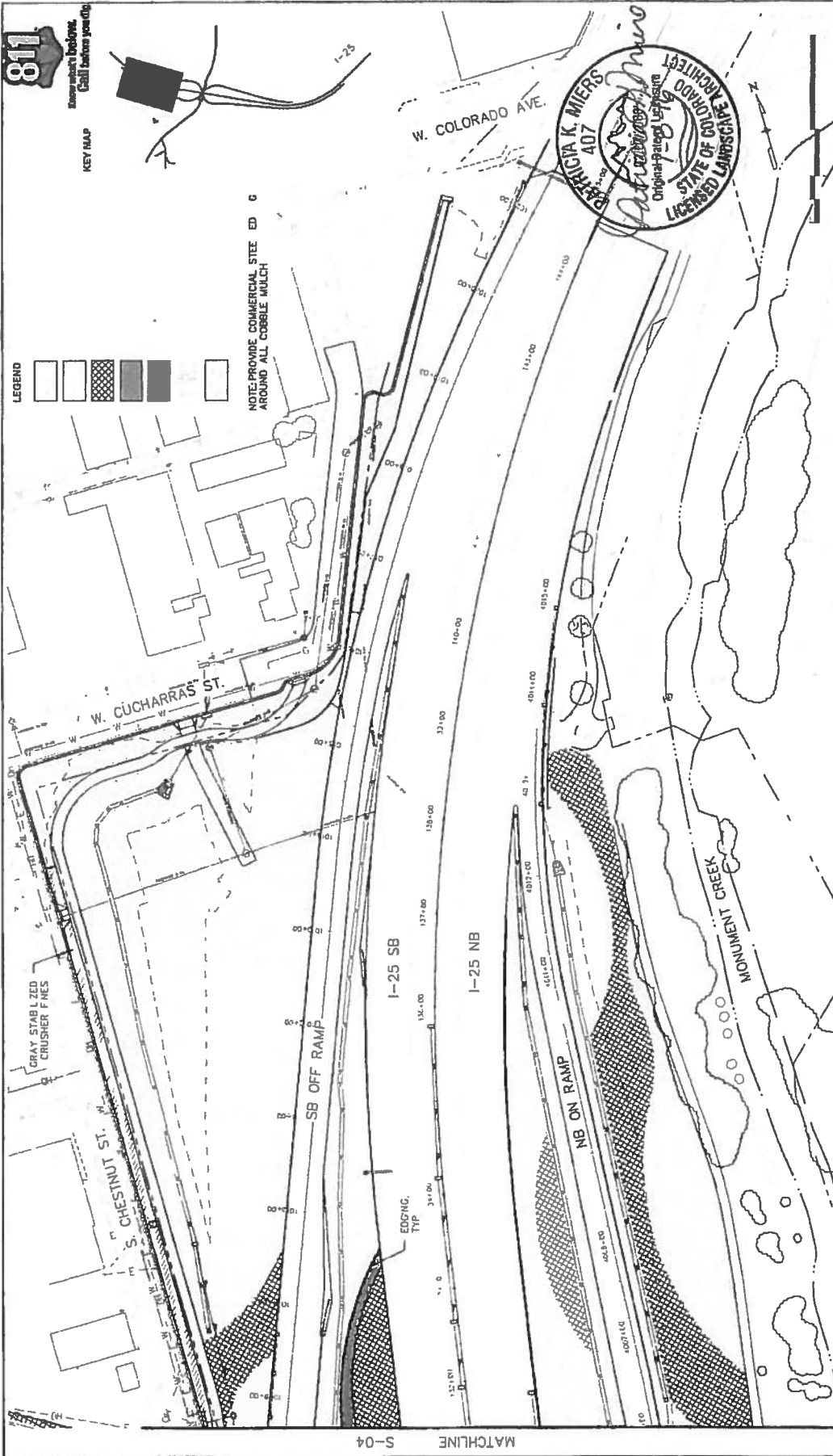
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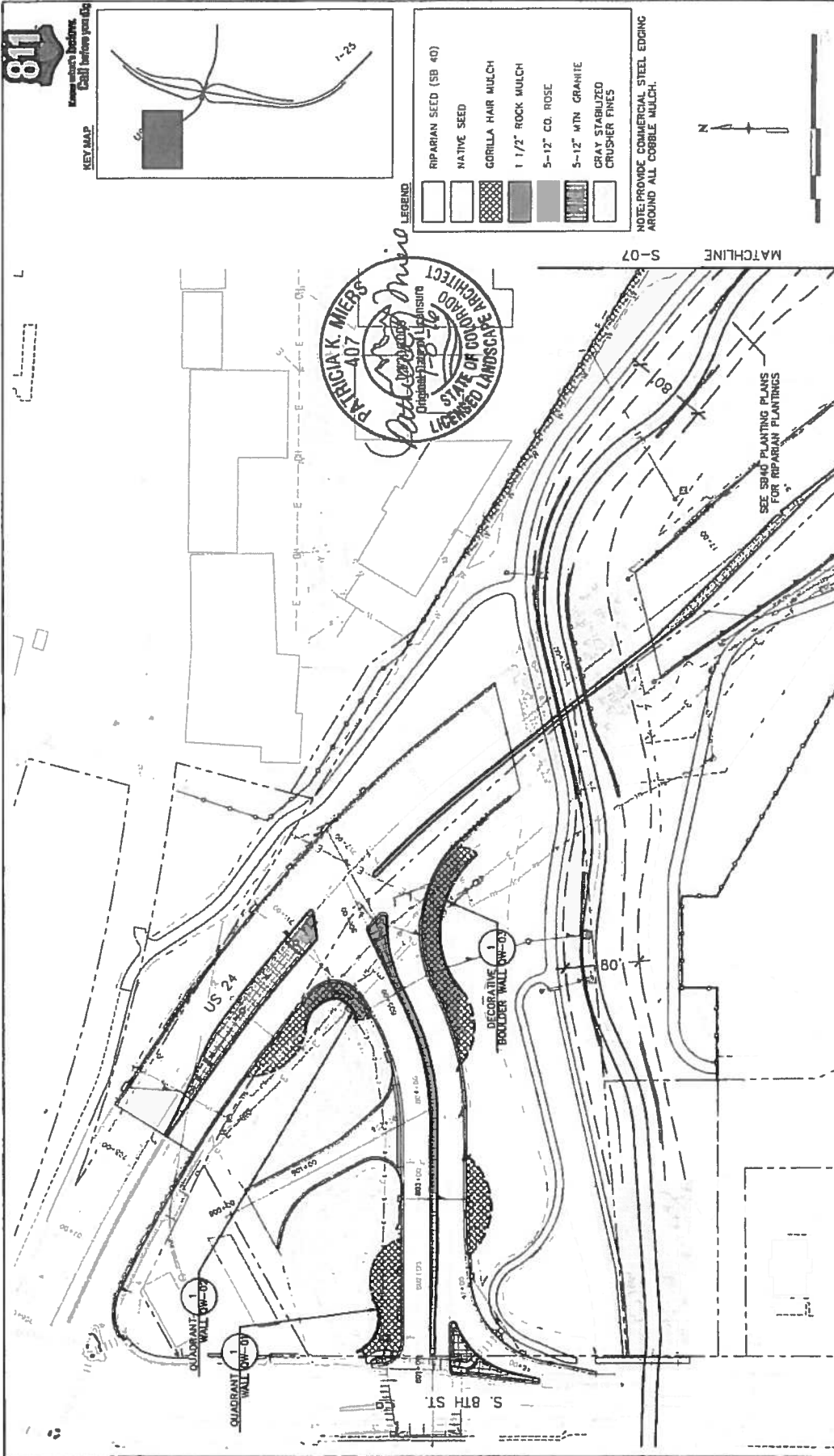
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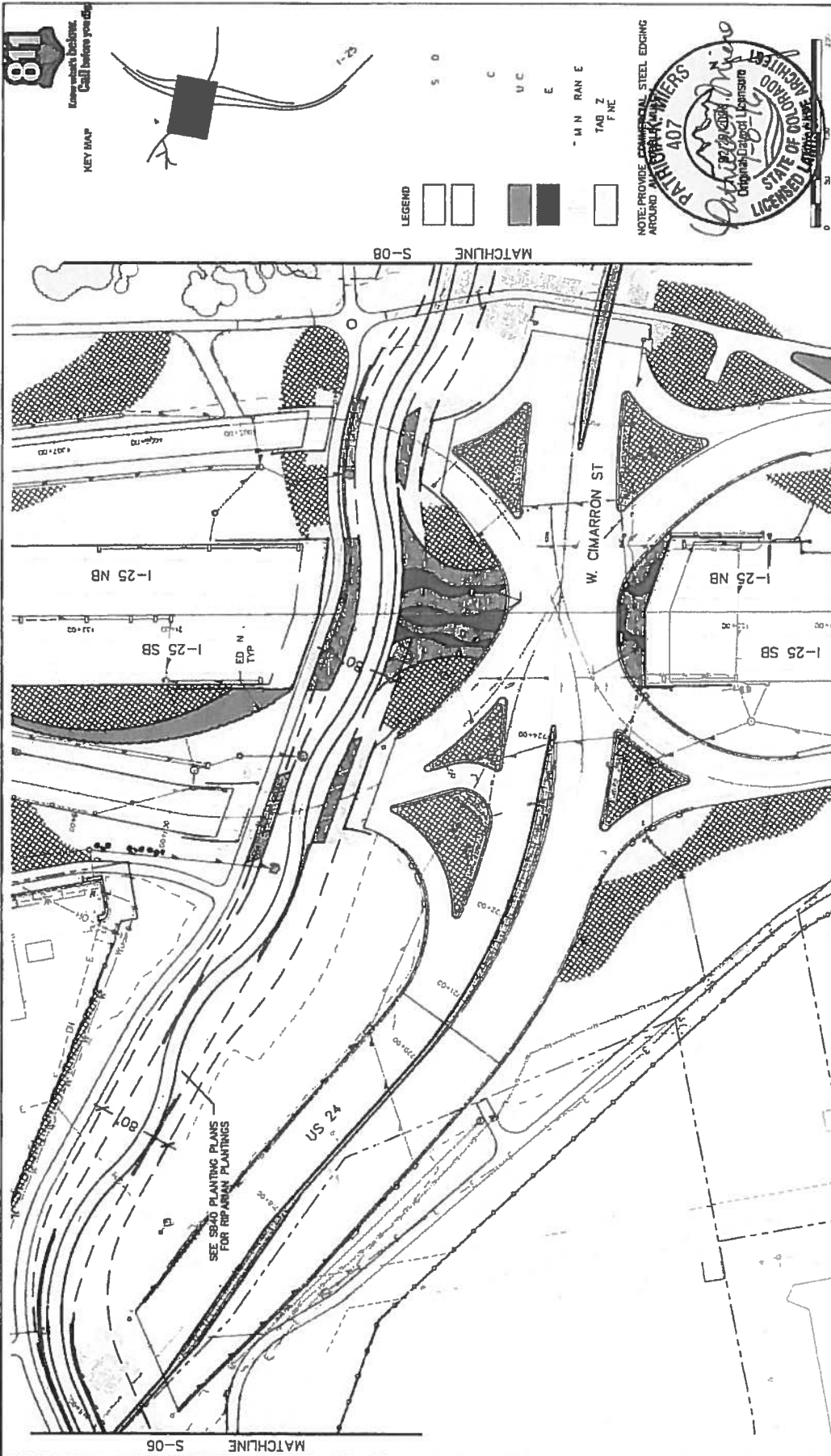




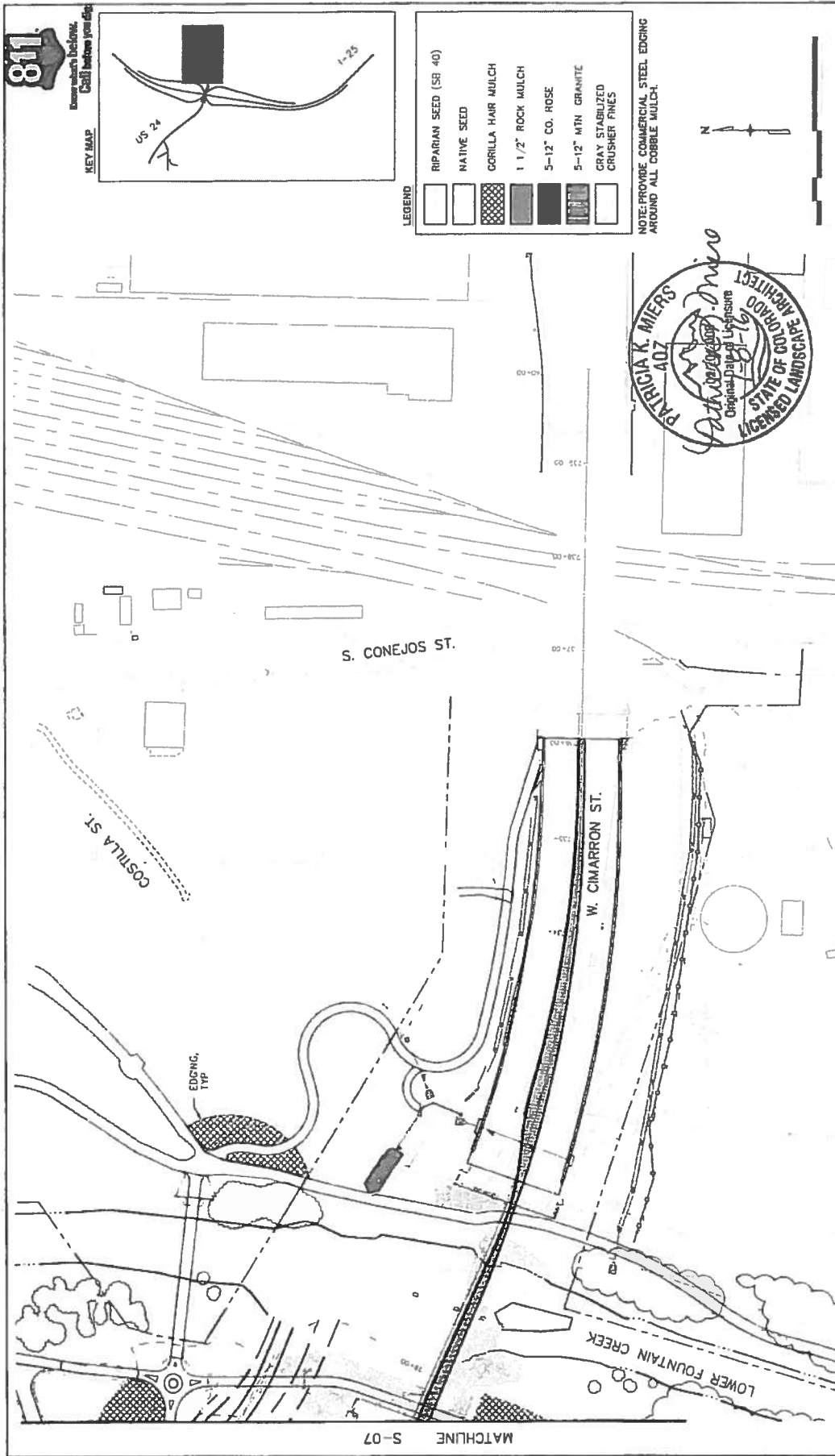
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| Sheet Revisions Date: _____ Comments: _____ | | Colorado Department of Transportation 1480 Quail Lake Loop, Suite A Colorado Springs, CO 80906 Phone 719-634-2323 FAX: 719-227-3298 Region 2 | |
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S-04 MATCHLINE



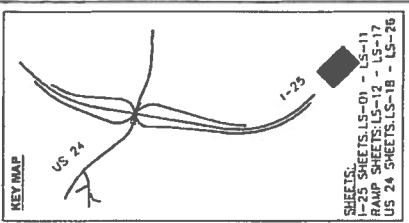


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| Horiz Scale: As Noted | Comments | Region 2 | | SEEDING & MULCHING PLAN | |
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| TSOUWAKIS SIMONIS HODDERNESS CONSULTING ENGINEERS | | Designer: Detailer: Structure Numbers: Sheet Subrel LANDSCAPE Subrel Sheet: SOB 08 Sheet Number 24-14 | |
| Colorado Department of Transportation 480 Quip Lake Loop, Suite A Centennial, CO 80108 Phone: 719-634-2323 FAX: 719-227-3398 Region 2 | | DMW | |

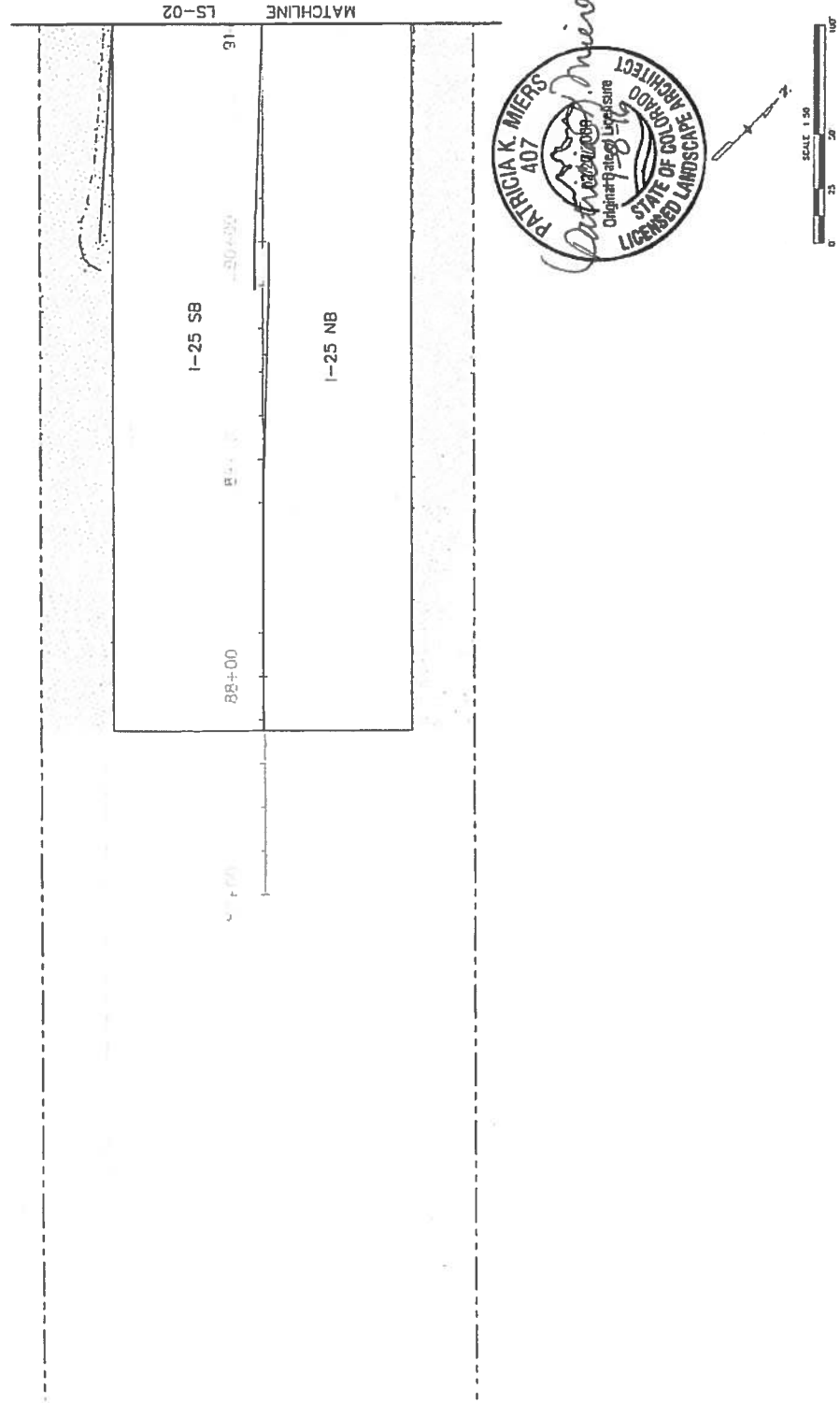
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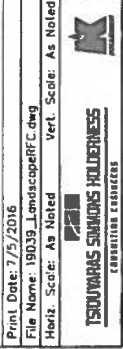
LEGEND

- DECIDUOUS TREE
- ORNAMENTAL TREE
- EVERGREEN TREE
- LANDSCAPE BORDER
- LANDSCAPE BOULDERS
- SHRUBS
- POTENTILLA
- KARL FOERSTER GRASS
- BLUE AVENA GRASS
- NATIVE SEED
- RIPARIAN SEED (SB40)
- 5-12" CO ROSE
- 5-12" MTN. GRANITE
- RIPRAP, SEE UPPER FOUNTAIN CREEK PLANS

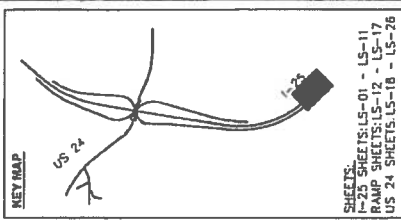


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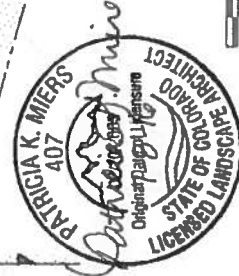
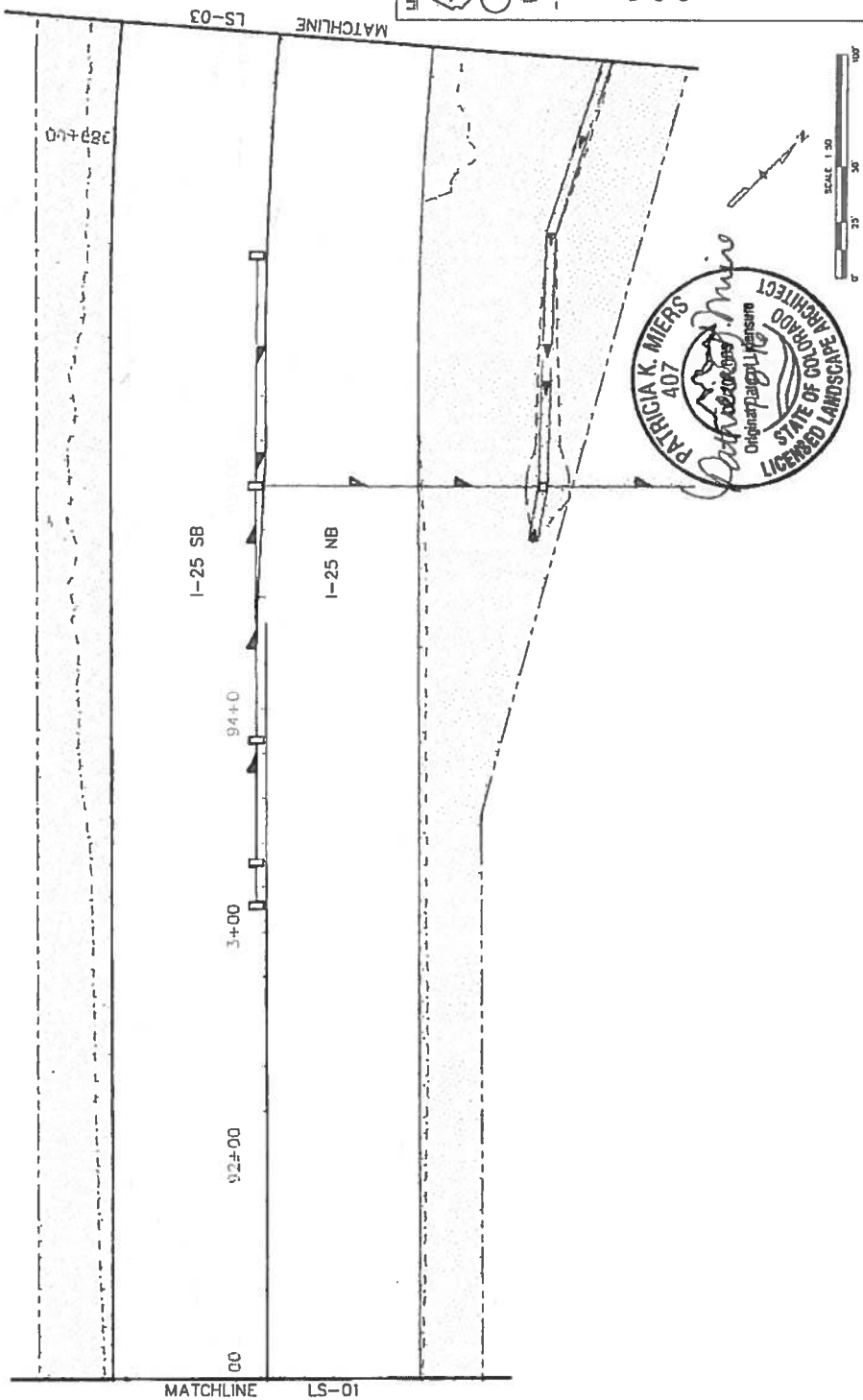
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 US 24 SHEETS: LS-18 - LS-26

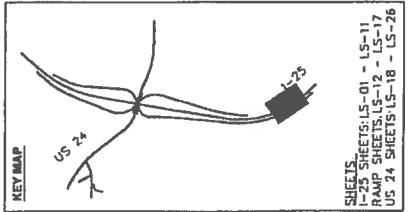
LEGEND

- DECIDUOUS TREE
- ORNAMENTAL TREE
- EVERGREEN TREE
- LANDSCAPE BORDER
- LANDSCAPE BOULDERS
- SHRUBS
- POTENTILLA
- KARL FOERSTER GRASS
- BLUE AVENA GRASS
- NATIVE SEED
- RIPIARIAN SEED (SB40)
- 5-12" CO ROSE
- 5-12" MTN GRANITE
- RIPRAP, SEE UPPER FOUNTAIN CREEK PLANS



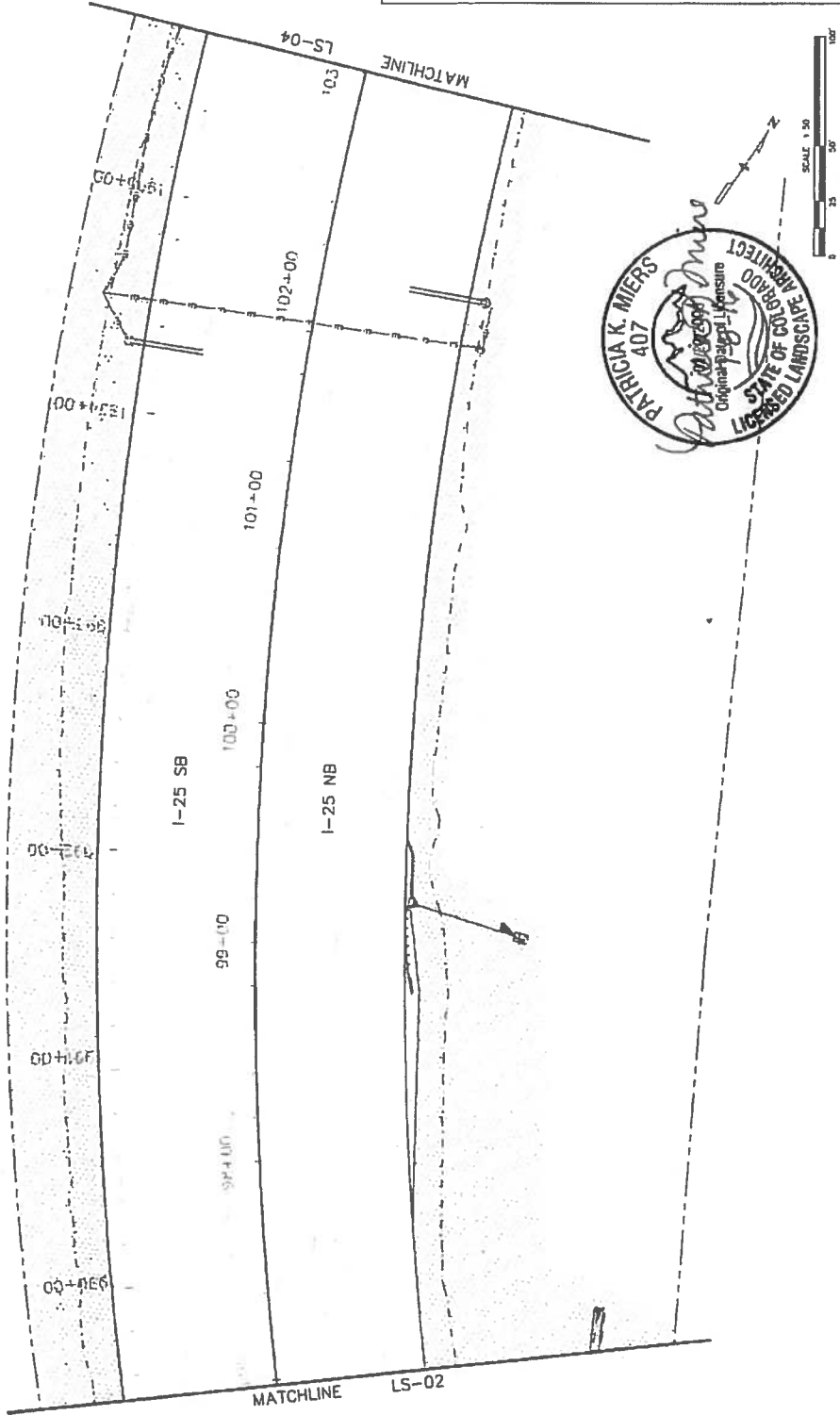
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| Sheet Revisions Date: _____ Comments: _____ Init: _____ | Colorado Department of Transportation MRB Quail Lake Loop, Suite A Colorado Springs, CO 80906 Phone: 719-634-2323 FAX: 719-277-3298 | Designer: _____ Dater: _____ Sheet Subset: LANDSCAPE, Subst. Sheets: LS02 of 26 | 0000 | DMW |

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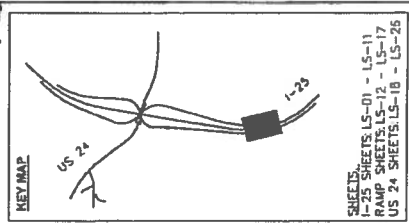


LEGEND

| | |
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| | DECIDUOUS TREE |
| | ORNAMENTAL TREE |
| | EVERGREEN TREE |
| | LANDSCAPE BORDER |
| | LANDSCAPE BOULDERS |
| | SHRUBS |
| | POTENTILLA |
| | KARL FOERSTER GRASS |
| | BLUE AVENA GRASS |
| | NATIVE SEED |
| | RIPARIAN SEED (SB40) |
| | 5-12" CO ROSE |
| | 5-12" M/TN GRANITE |
| | RIPRAP, SEE UPPER FOUNTAIN CREEK PLANS |

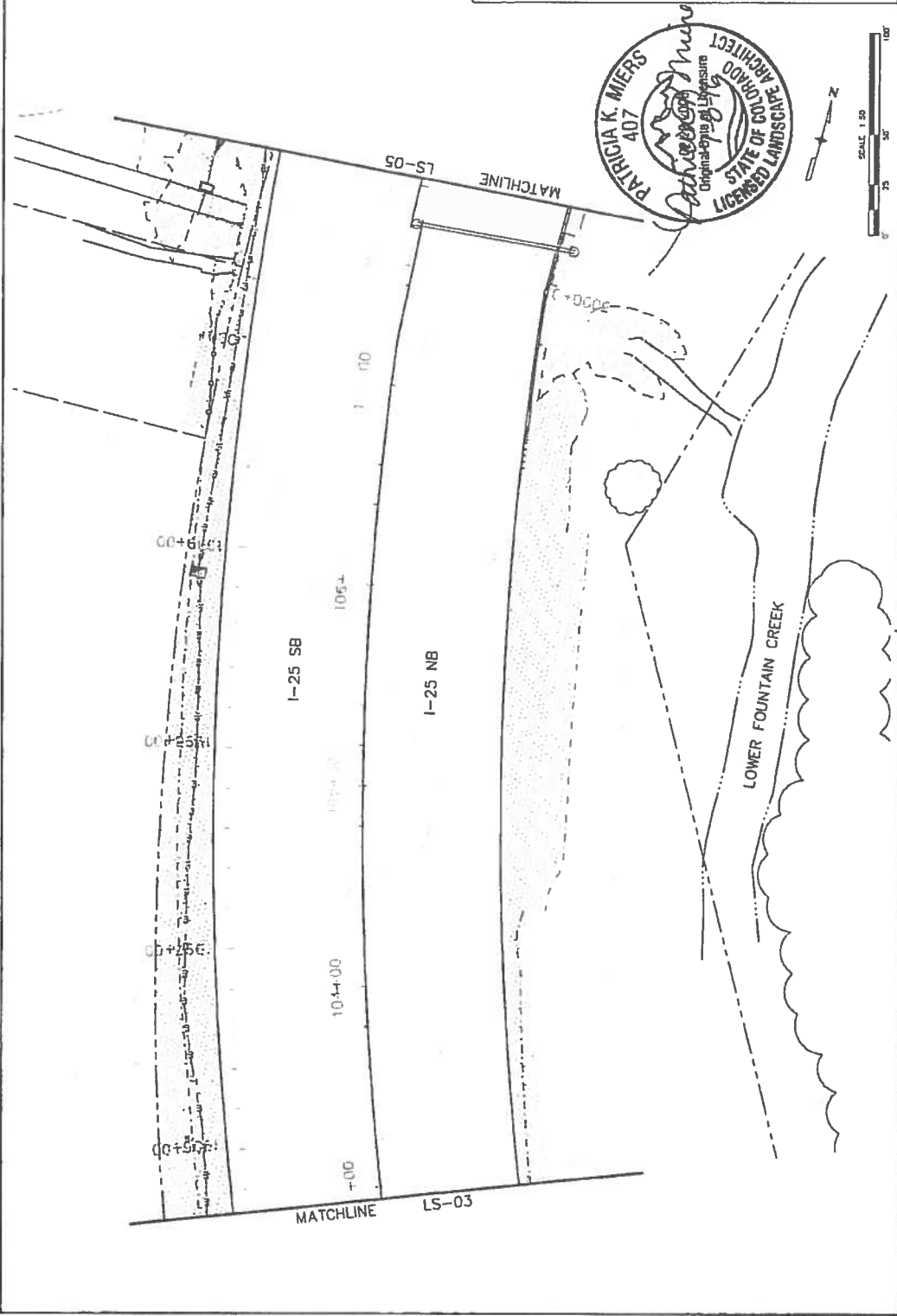


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| Colorado Department of Transportation 1480 Quail Lake Loop, Suite A Broomfield, CO 80020 Phone: 719-634-2323 FAX: 719-227-3298 Region 2 | I-25/CIMARRON ST (US 24) INTERCHANGE I-25 LANDSCAPE PLAN Designer: _____ Detailer: _____ Sheet Subset: LANDSCAPE Subst Sheets: LS03 of 26 |
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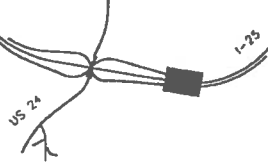
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| | EVERGREEN TREE |
| | LANDSCAPE BORDER |
| | LANDSCAPE BOULDERS |
| | SHRUBS |
| | POTENTILLA |
| | KARL FOERSTER GRASS |
| | BLUE AVENA GRASS |
| | NATIVE SEED |
| | RIPARIAN SEED (SD40) |
| | 5-12" CO. ROSE |
| | 5-12" MTN. GRANITE |
| | RIPRAP SEE UPPER FOUNTAIN CREEK PLANS |



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| Sheet Revisions | Date | Comments | Init. | | | | | | | | | | | | | | |
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| Colorado Department of Transportation 1480 Quail Lake Loop, Suite A Colorado Springs, CO 80906 Phone: 719-634-2323 FAX: 719-237-3298 Region 2 DMW | | | | | | | | | | | | | | | | | |
| TSOUVARIS SIMONIS HOLDINGS CONSULTING ENGINEERS | | | | | | | | | | | | | | | | | |

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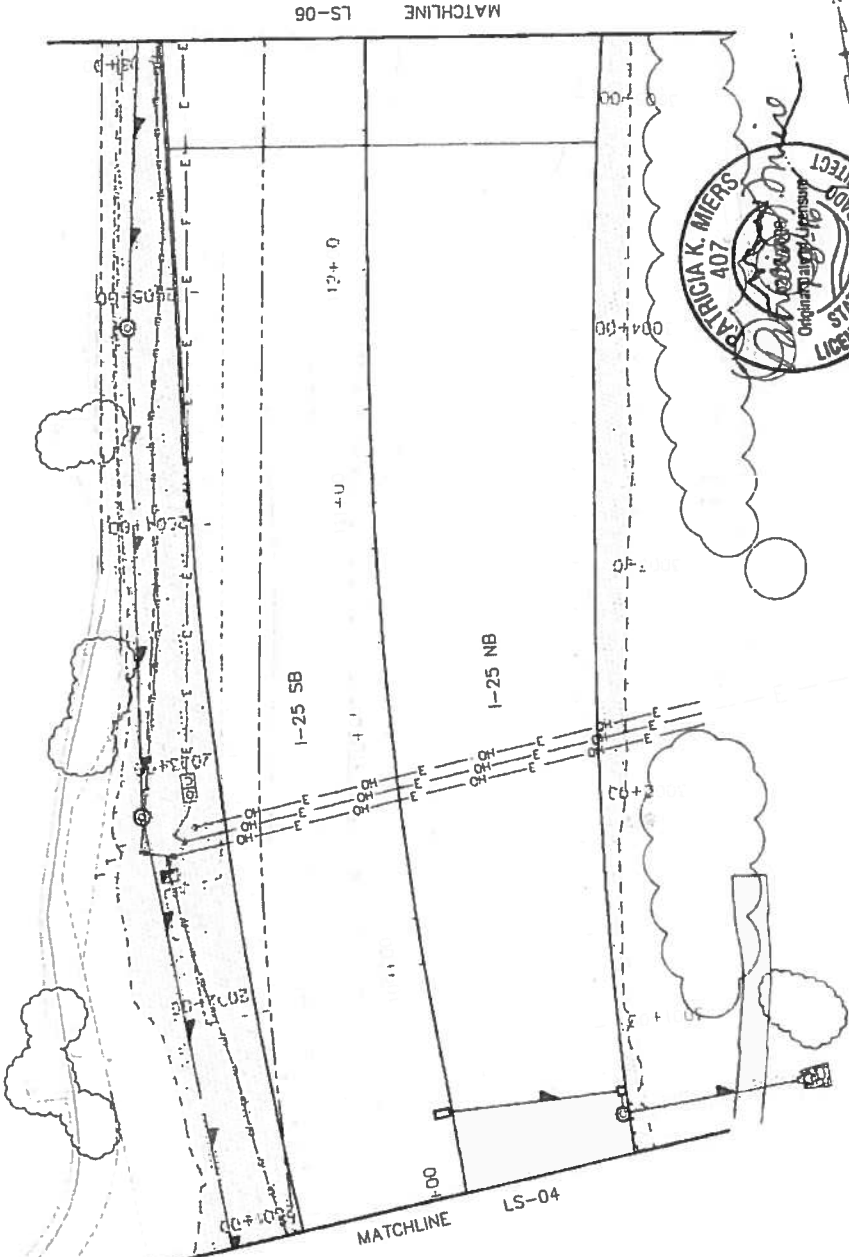
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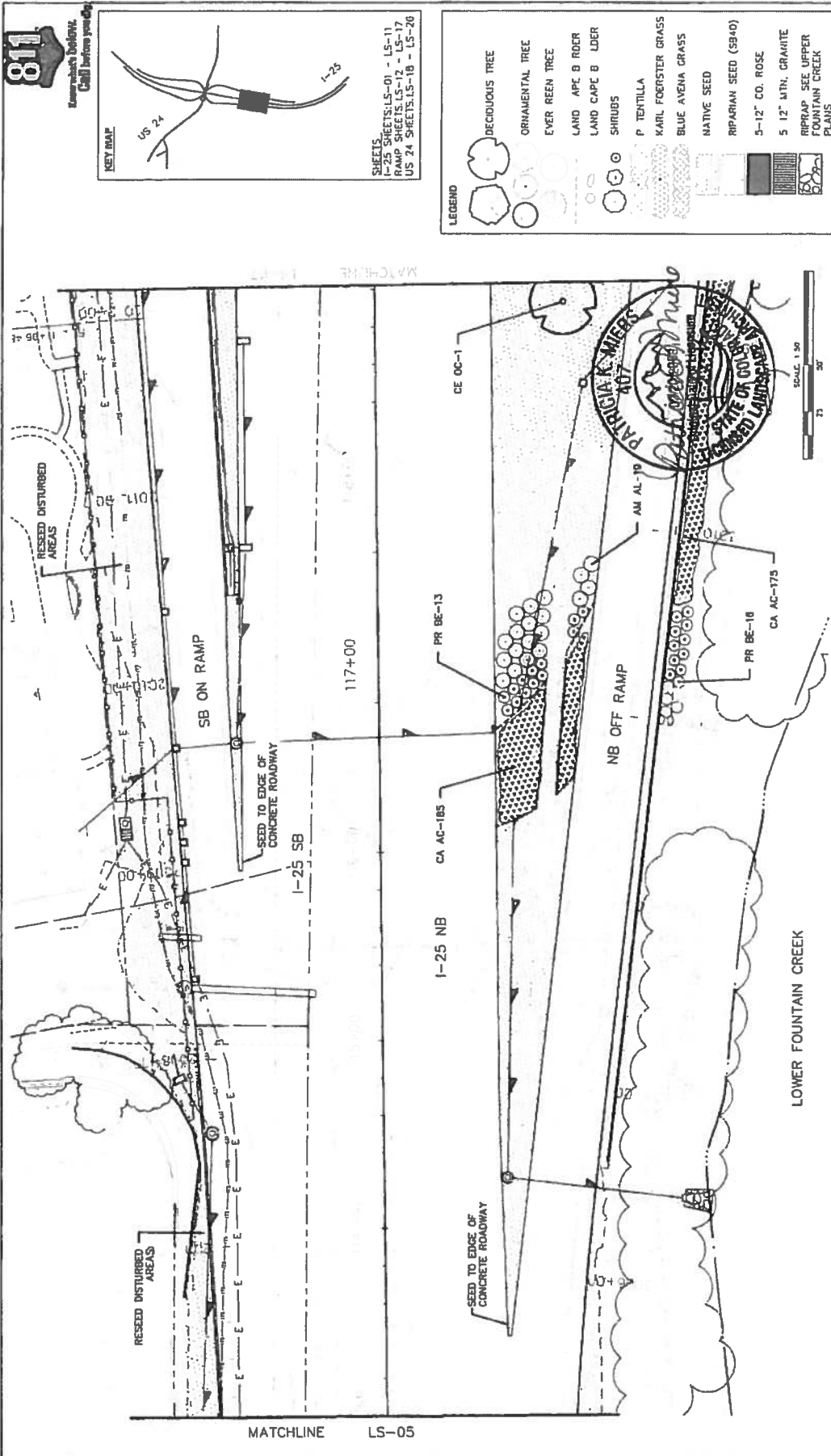
SHEETS:
 I-25 SHEETS: LS-01 - LS-11
 RAMP SHEETS: LS-12 - LS-17
 US 24 SHEETS: LS-18 - LS-26

LEGEND

- DECIDUOUS TREE
- ORNAMENTAL TREE
- EVERGREEN TREE
- LANDSCAPE BORDER
- LANDSCAPE BOULDERS
- SHRUBS
- POTENTILLA
- KARL FOERSTER GRASS
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- 5-12" CO. ROSE
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- RIPRAP, SET UPPER FOUNTAIN CREEK PLANS



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| Colorado Department of Transportation 1480 Duval Lake Loop, Suite A Colorado Springs, CO 80905 Phone: 719-434-2373 FAX 719-227-3298 Region 2 DMW | | I-25/CHARRON ST (US 24) INTERCHANGE I-25 LANDSCAPE PLAN | |
| TSOUWIRIS SANDRIS HOLDINGS CONSULTING ENGINEERS | | Designer: Detailer: Sheet Subst: LANDSCAPE Subst Sheets: LS05 - 26 | |
| 0000 | | Sheet Number 24-19 | |



811
 Know what's Below.
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KEY PLAN

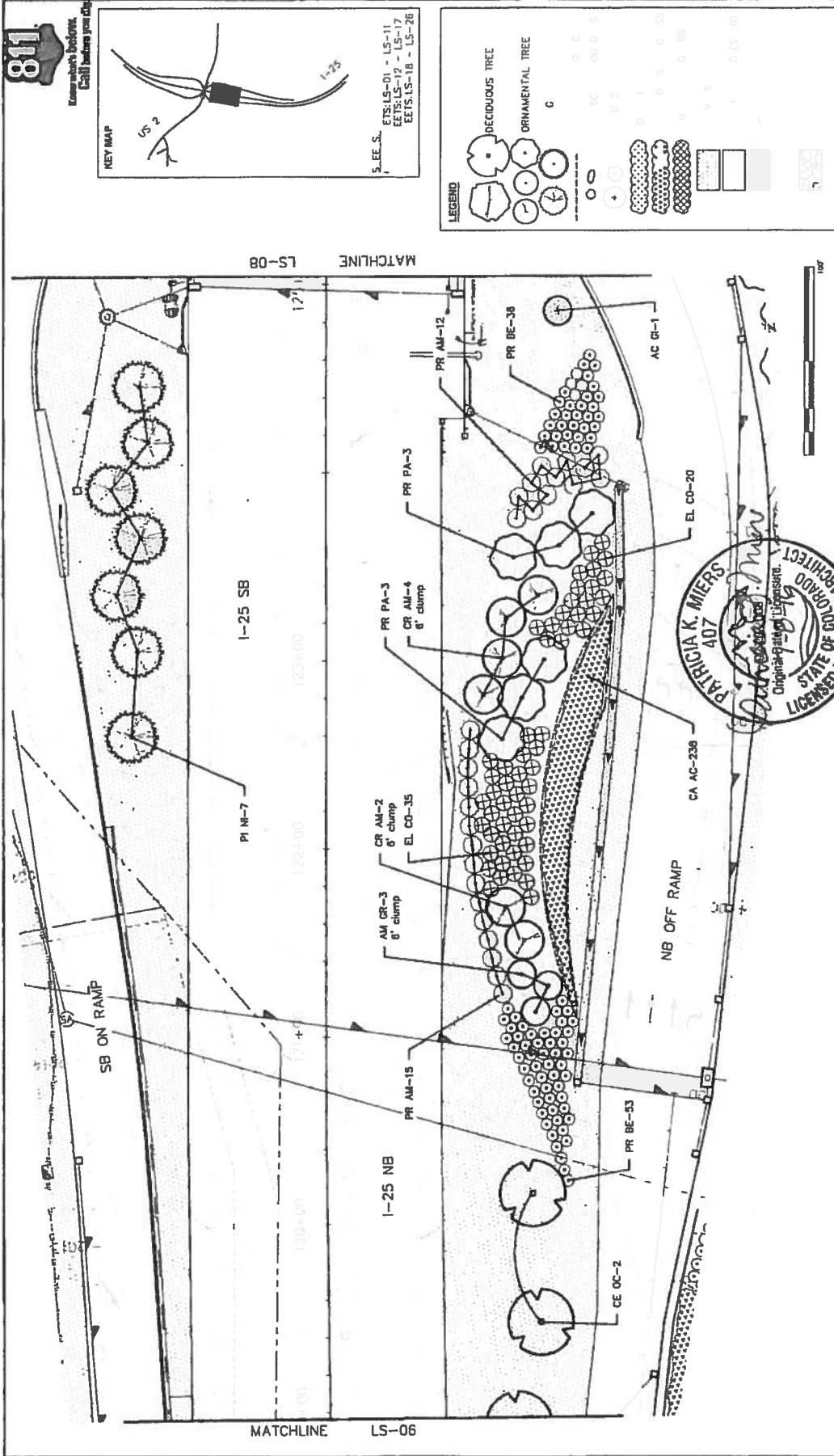
SHEETS
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 RAMP SHEETS: LS-12 - LS-17
 US 24 SHEETS: LS-18 - LS-26

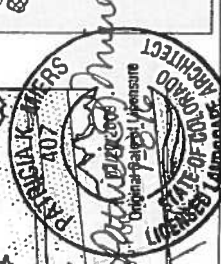
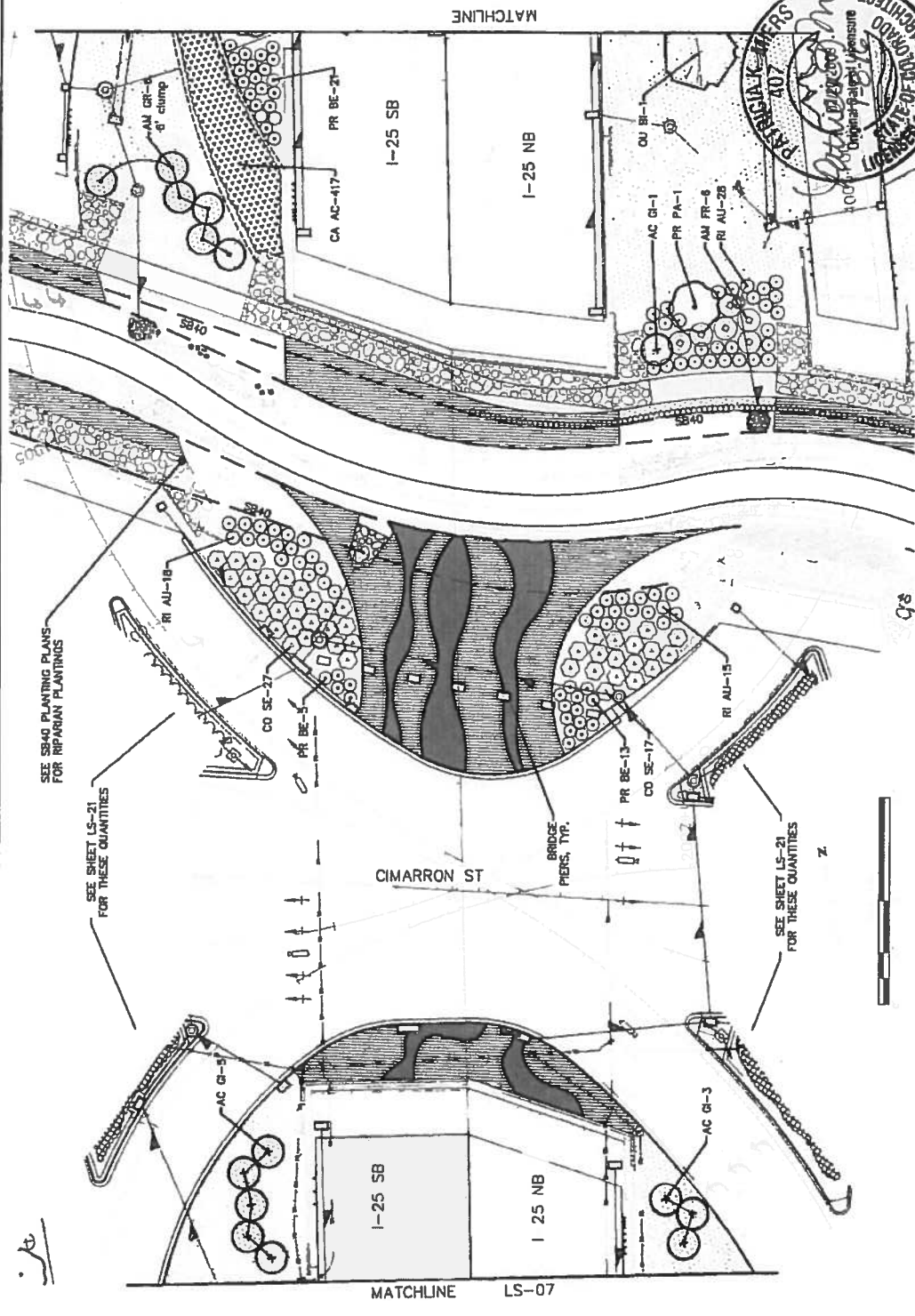
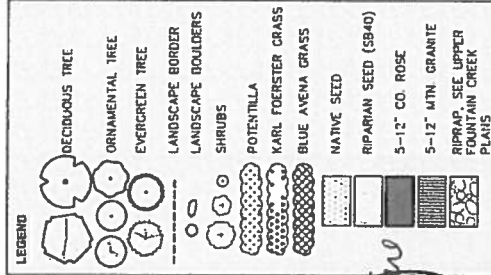
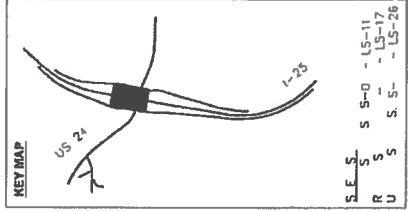
LEGEND

- DECIDUOUS TREE
- ORNAMENTAL TREE
- EVER GREEN TREE
- LAND APE B ROCK
- LAND CAPE B UDER
- SHRUBS
- P TENTILLA
- KARL FOERSTER GRASS
- BLUE AVENA GRASS
- NATIVE SEED
- RIPARIAN SEED (5940)
- 5-12" CO. ROSE
- 5 1/2" MTN. GRAMITE
- RIPARIAN SEE UBER
- FOUNTAIN CREEK
- PLANS

| | | | | |
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| Print Date: 7/5/2016 File Name: 19039_LandscapeRFC.dwg Vet Scale: As Noted | Sheet Revisions Date: _____ Comments: _____ Int: _____ | As Constructed No Revisions Revised: _____ Void | I-25/CHARRON ST (US 24) INTERCHANGE I-25 LANDSCAPE PLAN | Project No./Code IN 052-423 |
| TSOUVARIS SHIMONS HOLDINGS CONSULTING ENGINEERS | 0000 | Colorado Department of Transportation 1480 Duca Lake Loop, Suite A Colorado Springs, CO 80906 Phone 719-694-2323 FAX 719-227-3296 DMW | Designer: Patricia K. Meers Delator: Patricia K. Meers | Structure Number 9039 |
| | | Region 2 | Sheet Subject: LANDSCAPE Sheet Sheets: LS06 25 | Sheet Number 24-20 |

MATCHLINE LS-05



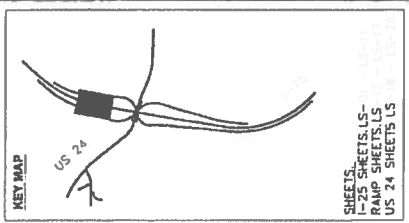


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| Colorado Department of Transportation 1480 Quail Lake Loop, Suite A Broomfield, CO 80020 Phone: 719-634-2323 FAX: 719-227-3268 Region 2 | | I-25/CHAMBERLAIN ST INTERCHANGE I-25 LANDSCAPE PLAN | | Designer: Definer: Sheet Subset: LANDSCAPE Sheet Number: 25 | | Designer: Definer: Sheet Subset: LANDSCAPE Sheet Number: 24-22 | |
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See sheet LS-21 for these quantities

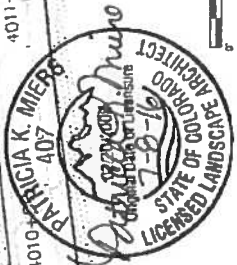
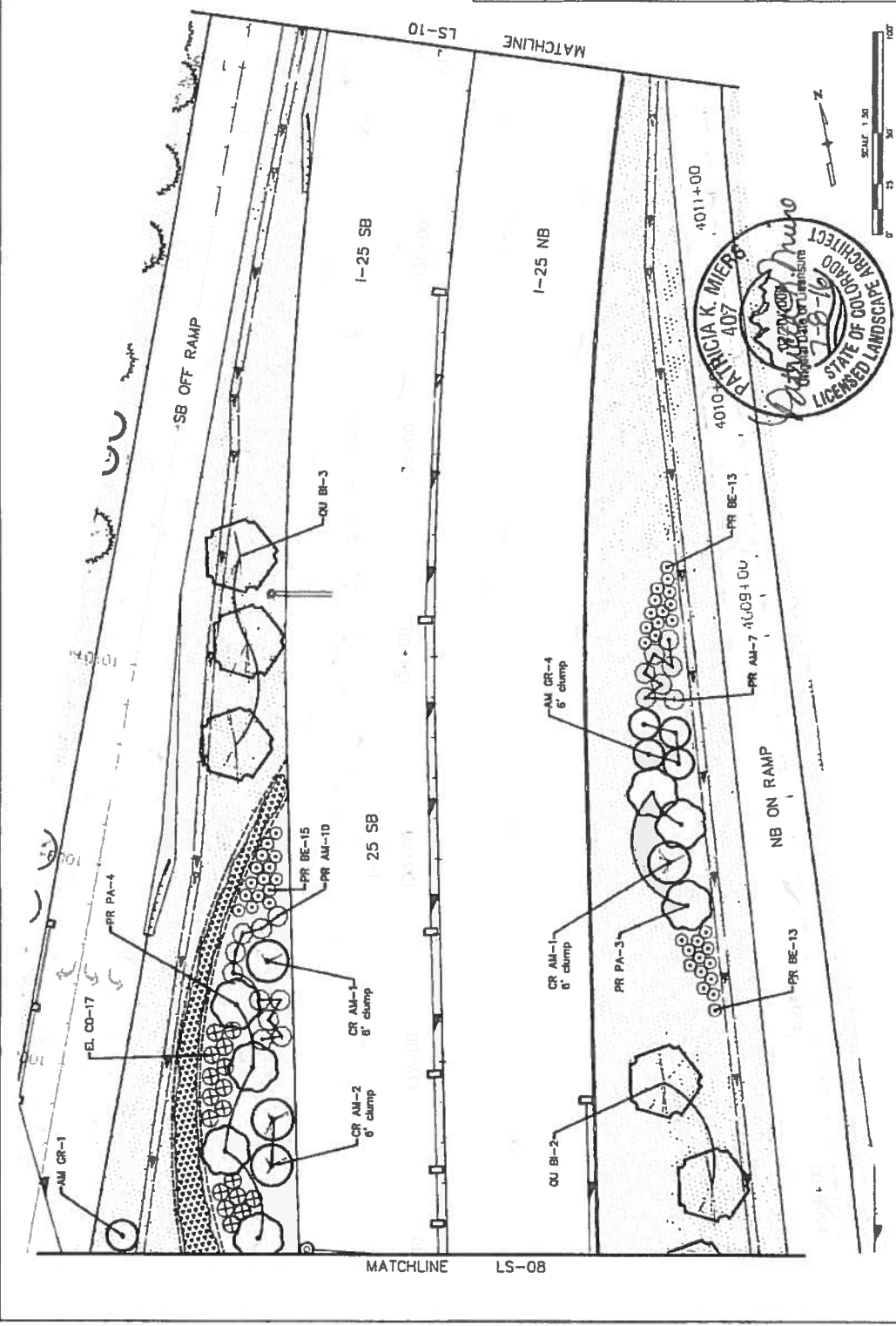
See SB40 planting plans for riparian plantings

811
 Know what's Below
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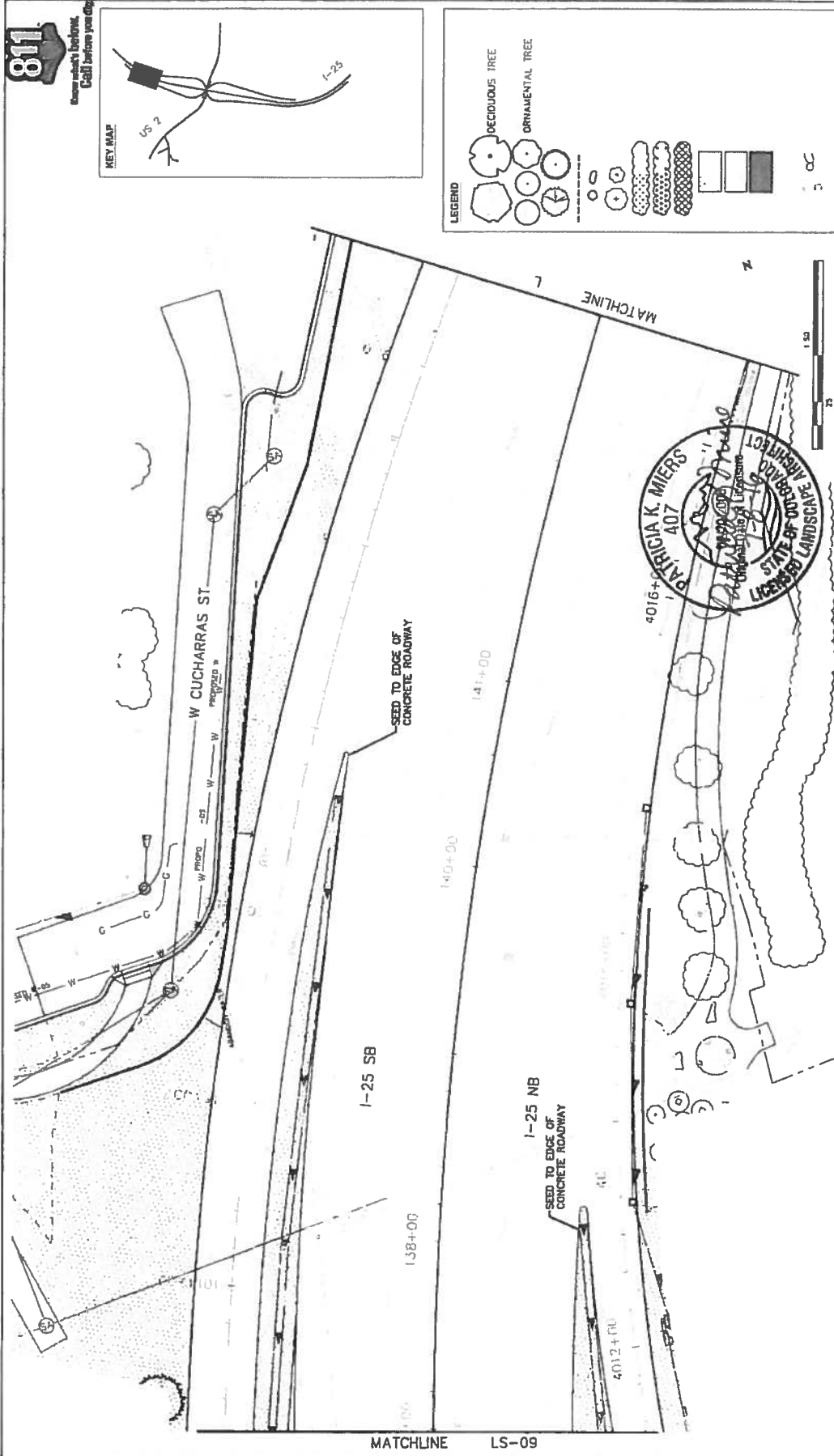


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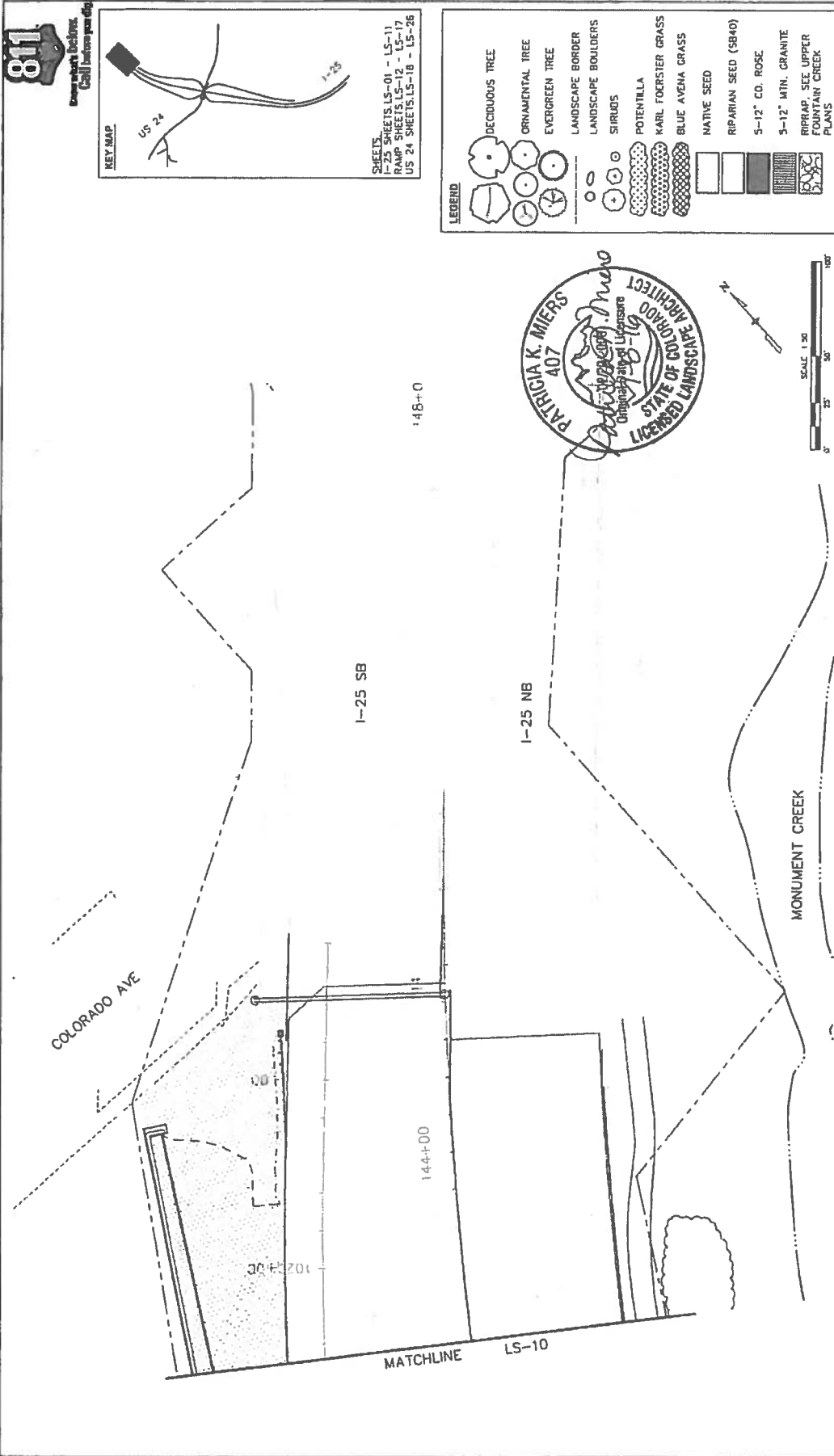
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| | DECIDUOUS TREE |
| | ORNAMEN. TREE |
| | EVERGREE |
| | LANDSCAPE BORDER |
| | LANDSCAPE BOULDERS |
| | SHRUBS |
| | POTENTILLA |
| | KARL FOERSTER GRASS |
| | BLUE AVENA GRASS |
| | NATIVE SEED |
| | RIPARIAN SEED (SB40) |
| | 5-12' CO ROSE |
| | 5-12' MTR. GRANITE |
| | RRRAP SEE UPPER FOUNTAIN CREEK PLANS |



| | | | |
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| Print Date: 7/5/2016 File Name: 19039_LandscapeRFC.dwg Horiz. Scale: As Noted Vert. Scale: As Noted | AS Constructed No Revisions: Revised: Void | 1-25/CHARRON ST (US 24) INTERCHANGE I-25 LANDSCAPE PLAN | Project No./Code H 0252-423 |
| Colorado Department of Transportation 1480 Duje Lake Loop, Suite A Boulder, CO 80501 Phone: 719-651-2353 FAX: 719-227-3208 Region 2 | Designer: Detailer: Sheet Subst: LANDSCAPE | Structure Numbers Subst Sheets: L509 of 26 | 19039 Sheet Number 24-23 |
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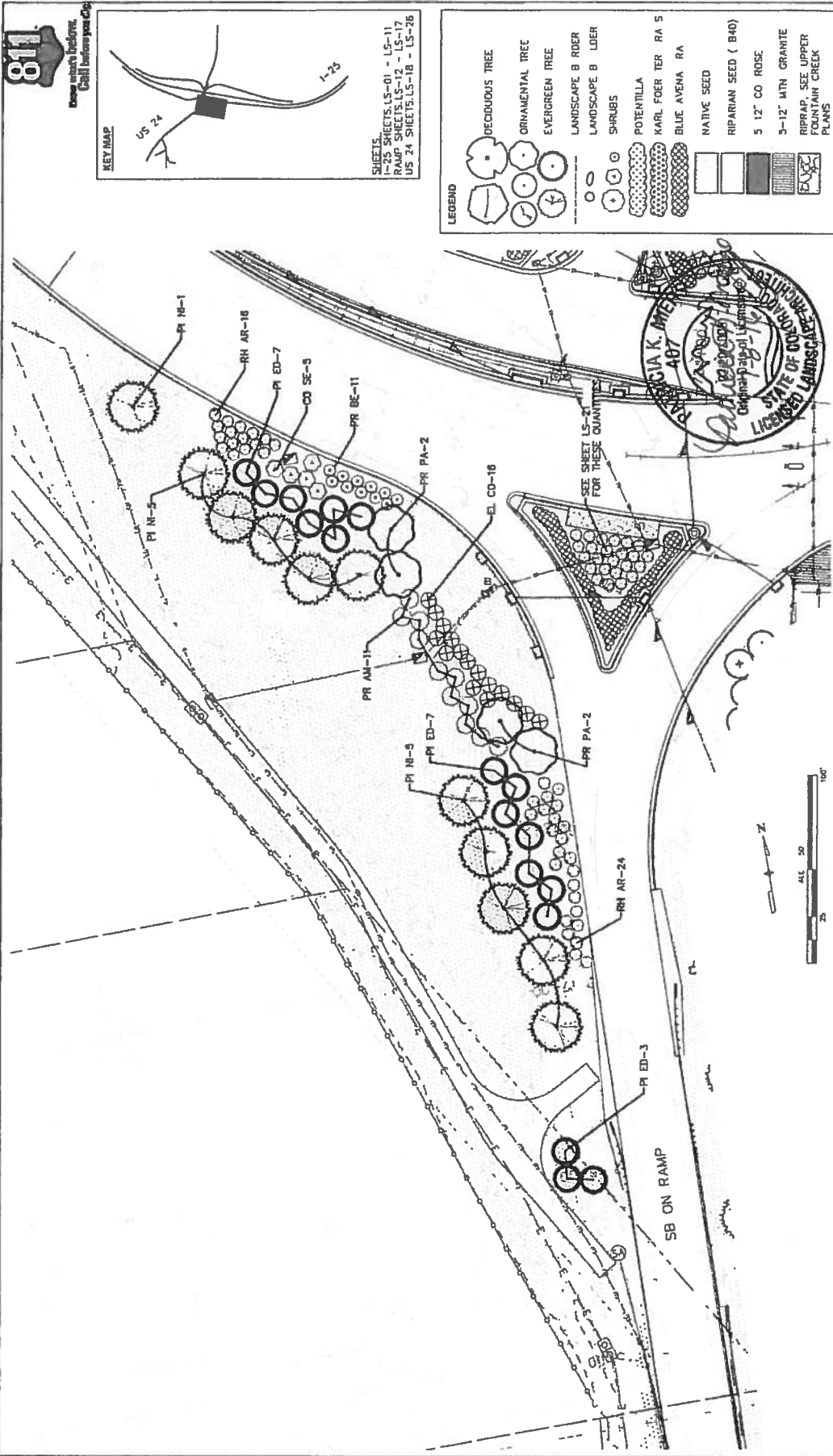
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| Vert. Scale: As Noted | Sheet Subset: LANDSCAPE Sheet: LS11 26 |
| TSOUVARIS SOLUTIONS HOLDINGS CONSULTING ENGINEERS | |
| Region 2 | |
| Colorado Department of Transportation 4800 Quail Lake Loop, Suite A Colorado Springs, CO 80906 Phone: 719-634-2323 FAX: 719-227-3298 | |
| DMW | |
| As Constructed | 1-25/CIMARRON ST (US 24) INTERCHANGE |
| No Revisions: | LANDSCAPE PLAN |
| Revised: | |
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| Detailer: | |

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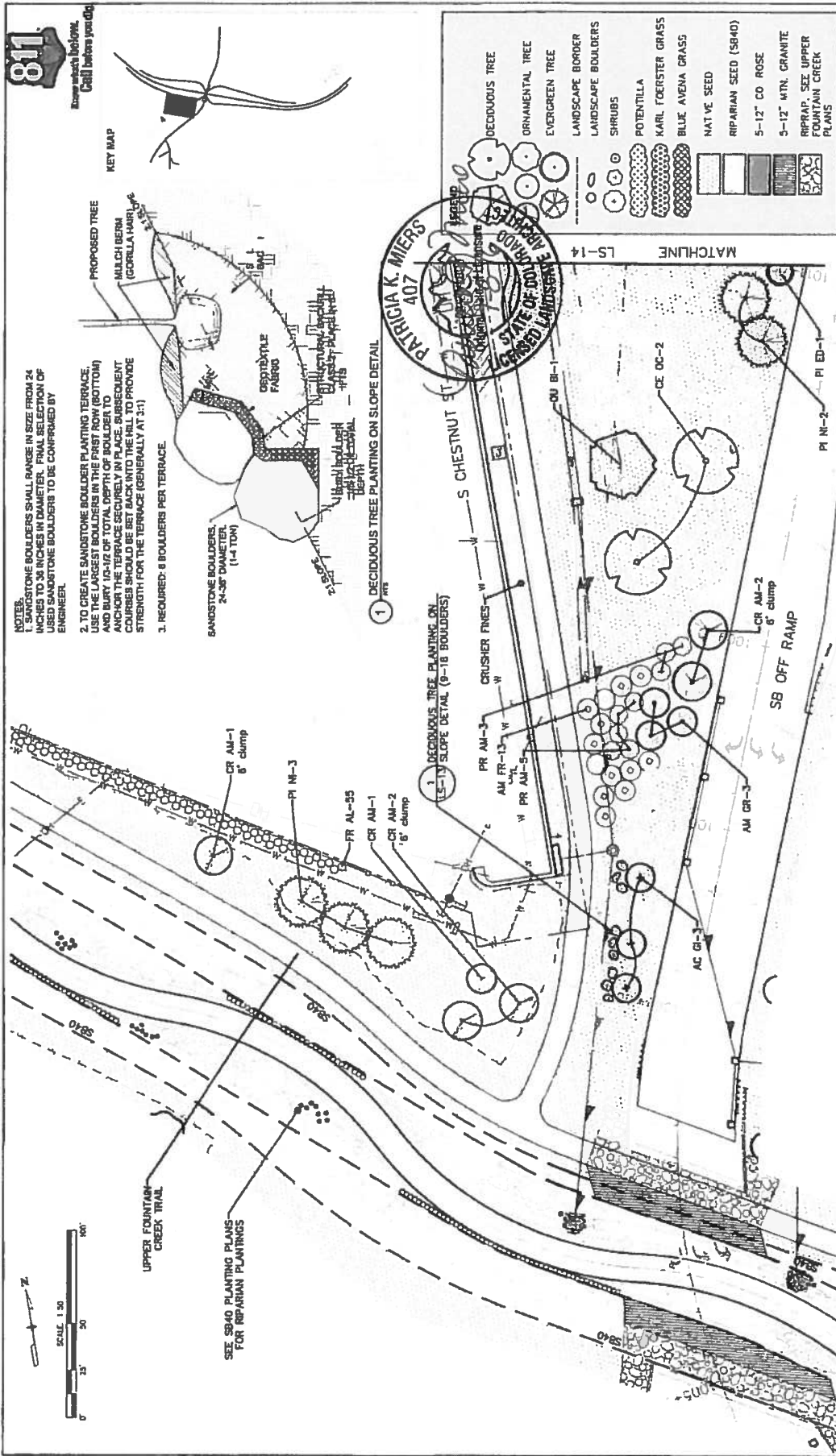


KEY MAP
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 RAMP SHEETS, LS-12 - LS-17
 US 24 SHEETS, LS-18 - LS-26

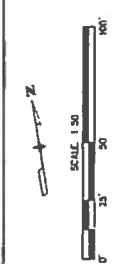
LEGEND

| | |
|--|---|
| | DECIDUOUS TREE |
| | ORNAMENTAL TREE |
| | EVERGREEN TREE |
| | LANDSCAPE B ORDER |
| | LANDSCAPE B LORDER |
| | SHRUBS |
| | POTENTILLA |
| | KARL FOERSTER RA 5 |
| | BLUE AVENA RA |
| | NATIVE SEED |
| | RIPIARIAN SEED (B40) |
| | 5 1/2\"/> |
| | 3-12\"/> |
| | RIPIRAP, SEE UPPER FOUNTAIN CREEK PLANS |

| Print Date: 7/5/2016 File Name: 19039_LandscapeRamp.dwg Horz. Scale: As Noted Vert. Scale: As Noted | <p>THOMAS S. WILLIAMS REGISTERED PROFESSIONAL ENGINEER LICENSED LANDSCAPE ARCHITECT</p> | <p>SB ON RAMP LANDSCAPE PLAN</p> | <p>Project No./Code IM 0252-423 19039</p> | | | | | | | | | | | | |
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| <p>As Constructed</p> <p>No Revisions:</p> <p>Revised:</p> <p>Valid:</p> | <p>Colorado Department of Transportation</p> <p>4800 Duval Lake Loop, Suite A Colorado Springs, CO 80906 Phone: 719-634-2323 FAX 719-227-3728</p> <p>Region 2</p> <p>DMW</p> | <p>1-25/CIMARRON ST (US 24) INTERCHANGE</p> | <p>Sheet Number 24-26</p> | | | | | | | | | | | | |
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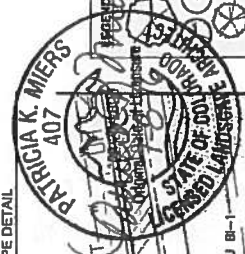
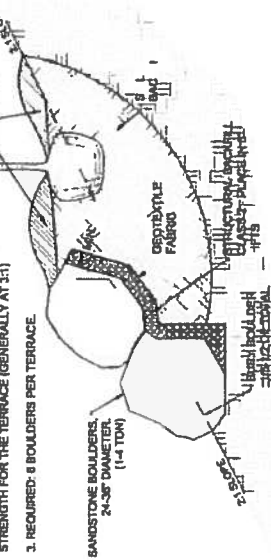


- NOTES:**
1. SANDSTONE BOULDERS SHALL RANGE IN SIZE FROM 24 INCHES TO 36 INCHES IN DIAMETER. FINAL SELECTION OF USED SANDSTONE BOULDERS TO BE CONFIRMED BY ENGINEER.
 2. TO CREATE SANDSTONE BOULDER PLANTING TERRACE USE THE LARGEST BOULDERS IN THE FIRST ROW (BOTTOM) AND BURY 1/2-1/3 OF TOTAL DEPTH OF BOULDER TO ANCHOR THE TERRACE SECURELY IN PLACE. SUBSEQUENT COURSES SHOULD BE SET BACK INTO THE HILL TO PROVIDE STRENGTH FOR THE TERRACE (GENERALLY AT 3:1).
 3. REQUIRED: 8 BOULDERS PER TERRACE.



811
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KEY MAP



1 DECIDUOUS TREE PLANTING ON SLOPE DETAIL

1 DECIDUOUS TREE PLANTING ON SLOPE DETAIL (9-18 BOULDERS)

LEGEND

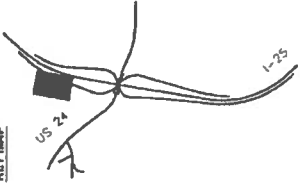
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- ORNAMENTAL TREE
- EVERGREEN TREE
- LANDSCAPE BORDER
- LANDSCAPE BOULDERS
- SHRUBS
- POTENTILLA
- KARL FOERSTER GRASS
- BLUE AVENA GRASS
- NATIVE SEED
- RIPIARIAN SEED (SB40)
- 5-12" CO ROSE
- 5-12" WTN. GRANITE
- RIPIRAP. SEE UPPER FOUNTAIN CREEK PLANS

| Print Date: 7/5/2016 | File Name: 19039_LandscapeREC.dwg | Horiz. Scale: AS NOTED | Vert. Scale: AS NOTED | | | | | | | | | | | | | | | | | | | | |
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| Date: | Revisions | Comments | Initials | | | | | | | | | | | | | | | | | | | | |
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| AS Constructed | N Revs | Revised | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Colorado Department of Transportation</td> <td>Region 2</td> <td>Due date: 8/06/19</td> <td>329</td> </tr> <tr> <td>1400 Sycamore St.</td> <td>Phone: 970-233.3333</td> <td>FAX: 970-233.3299</td> <td>DMW</td> </tr> </table> | | | | Colorado Department of Transportation | Region 2 | Due date: 8/06/19 | 329 | 1400 Sycamore St. | Phone: 970-233.3333 | FAX: 970-233.3299 | DMW | | | | | | | | | | | | |
| Colorado Department of Transportation | Region 2 | Due date: 8/06/19 | 329 | | | | | | | | | | | | | | | | | | | | |
| 1400 Sycamore St. | Phone: 970-233.3333 | FAX: 970-233.3299 | DMW | | | | | | | | | | | | | | | | | | | | |
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| Designer | et al | | | | | | | | | | | | | | | | | | | | | | |
| Sheet | et AND A | | | | | | | | | | | | | | | | | | | | | | |
| Structure Numbers | 19039 | | | | | | | | | | | | | | | | | | | | | | |
| Sheet Number | 24-27 | | | | | | | | | | | | | | | | | | | | | | |
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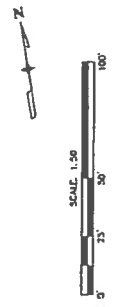


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KEY MAP

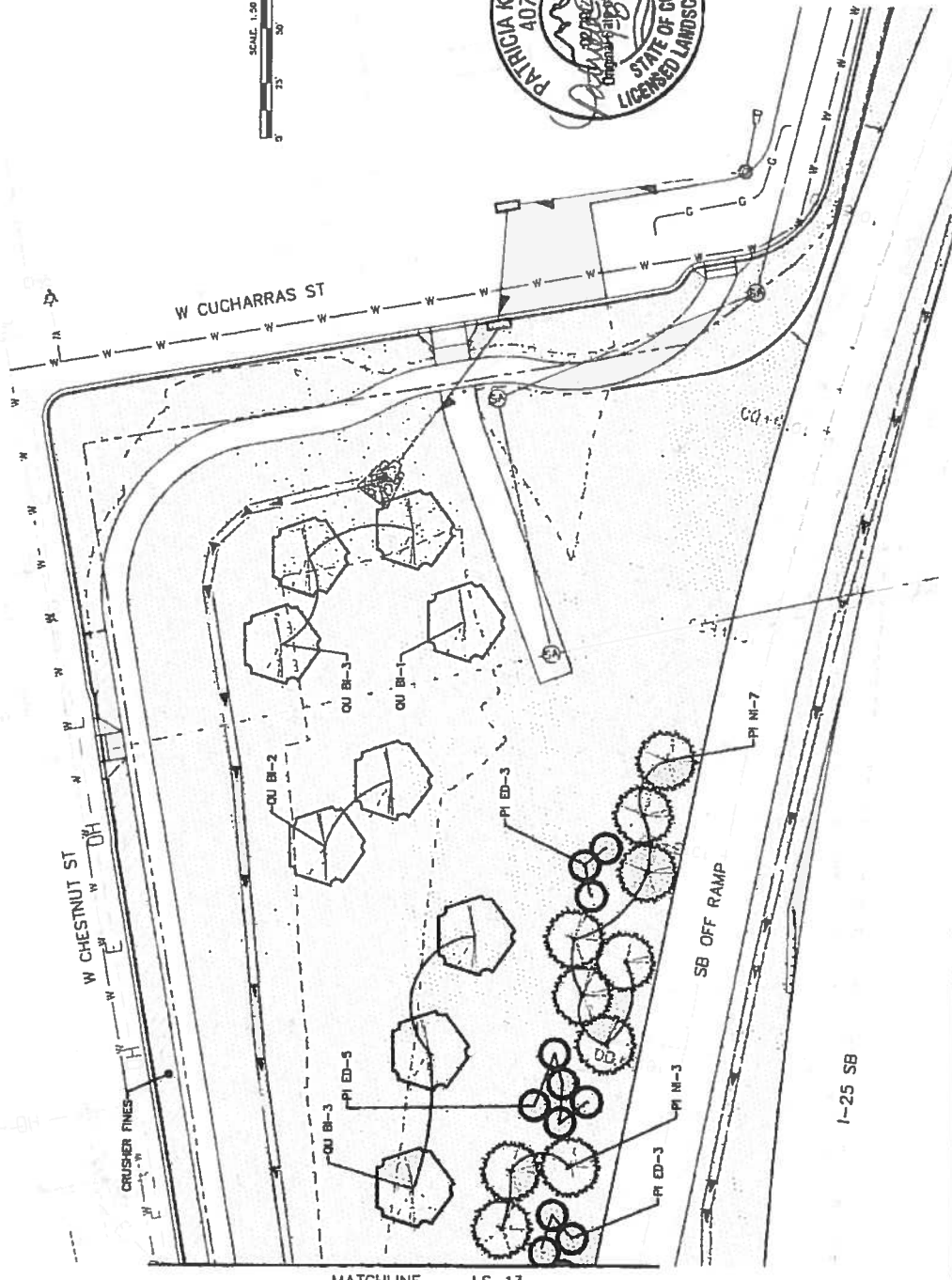


SHEETS:
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RAMP SHEETS, LS-12 - LS-17
US 24 SHEETS, LS-18 - LS-26



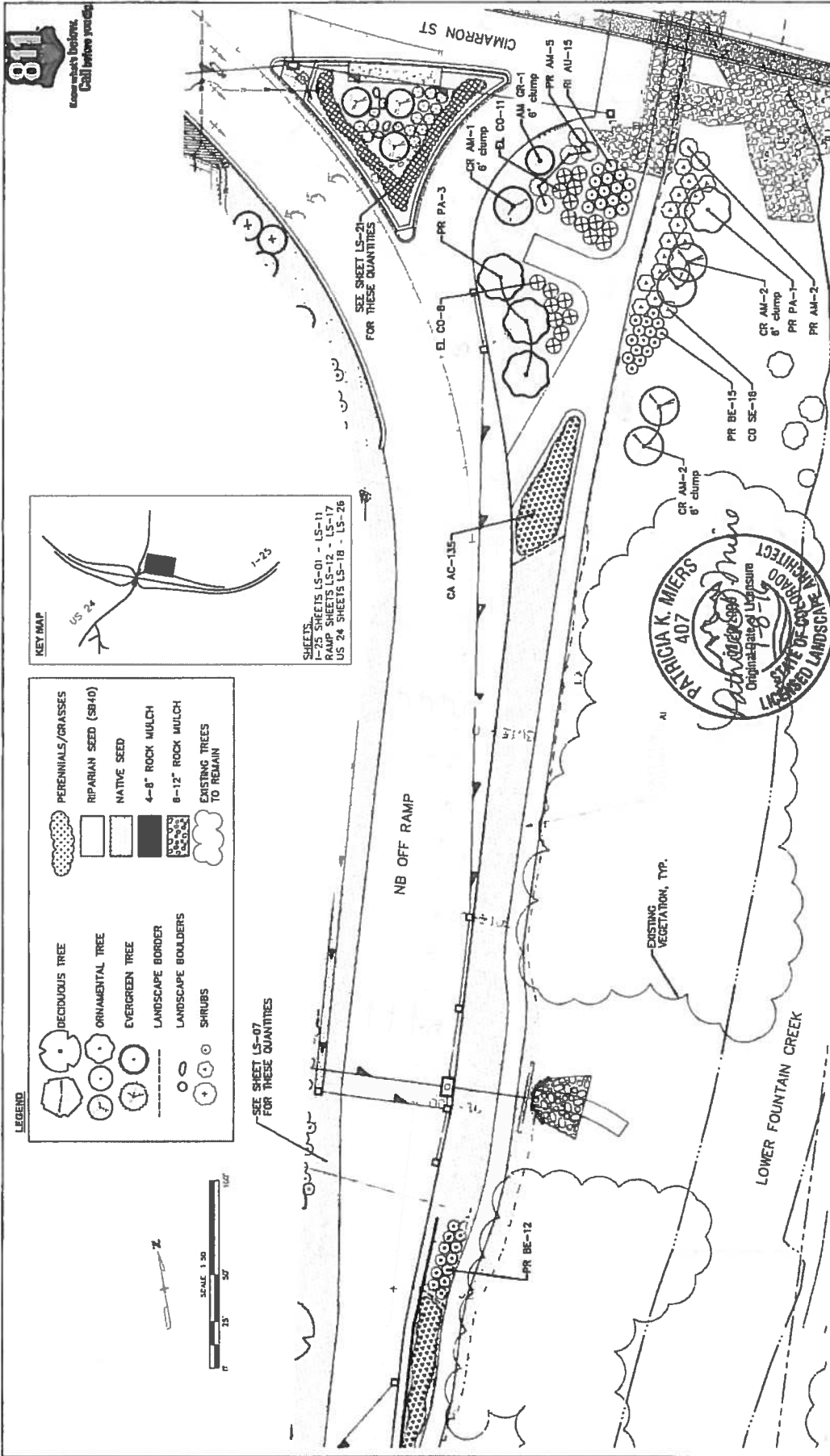
LEGEND

- DECIDUOUS TREE
- ORNAMENTAL TREE
- EVERGREEN TREE
- LANDSCAPE BORDER
- LANDSCAPE BOULDERS
- SHRUBS
- POTENTILLA
- KARL FOERSTER GRASS
- BLUE AVENA GRASS
- NATIVE SEED
- PARIAN SEED (S040)
- 5-17" CO. ROSE
- 5-17" WTR. GRANITE
- RIPRAP, SEE UPPER FOUNTAIN CREEK PLANS

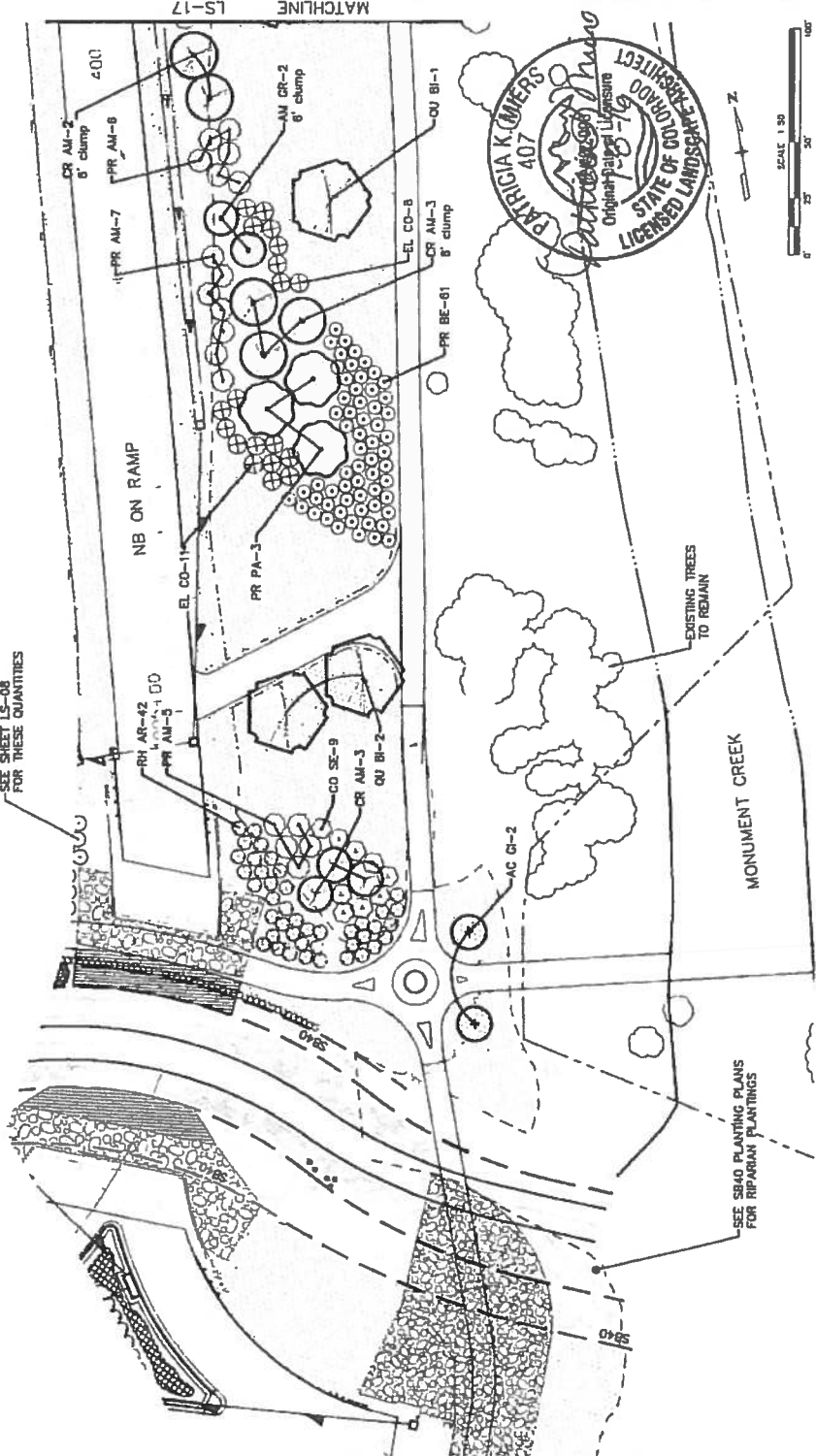
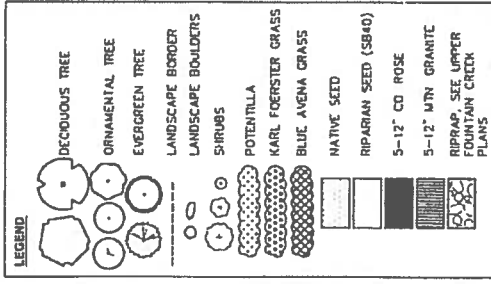
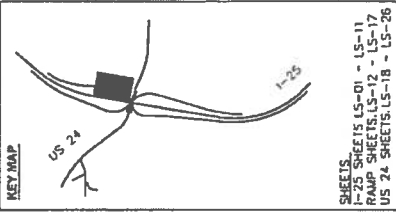


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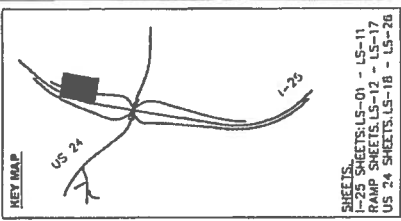
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| Colorado Department of Transportation 1480 Quik Lane Loop, Suite A Colorado Springs, CO 80906 Phone: 719-634-7333 FAX 719-227-3298 Region 2 | | As Constructed No Revisions Revised Void | | Designer: Detoler Sheet Subst: LANDSCAPE Subst Sheets: LS14, 25 | |
| 1-25/DIMARRON ST (US 24) INTERCHANGE SB OFF RAMP LANDSCAPE PLAN | | 0000 | | Sheet Number 24-28 | |
| ISOLARIUS SOLUTIONS HOLDINGS CONSULTING ENGINEERS | | DMW | | 811 | |



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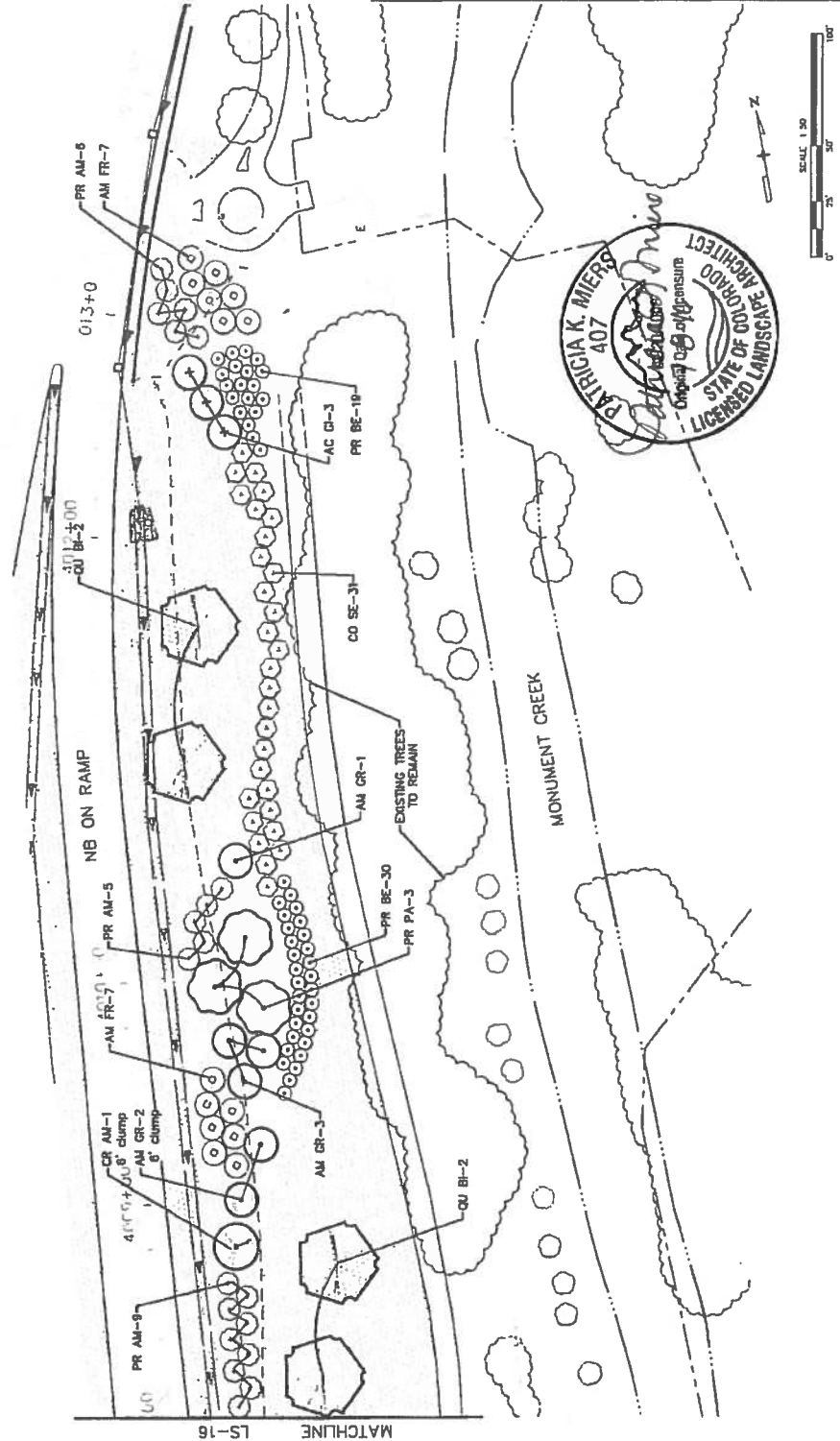


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| Colorado Department of Transportation 1400 Duval Lake Loop, Suite A Fort Collins, CO 80501 Phone: 970-634-3333 FAX: 970-227-3798 | | Designer: Detailer: Sheet: Subsheet: LANDSCAPE Subsheet: LS16 of 26 | Sheet Number: 24-30 |
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| TSOUVARIS SIMONIS HOLDINGS CONSULTING ENGINEERS | | | |
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LEGEND

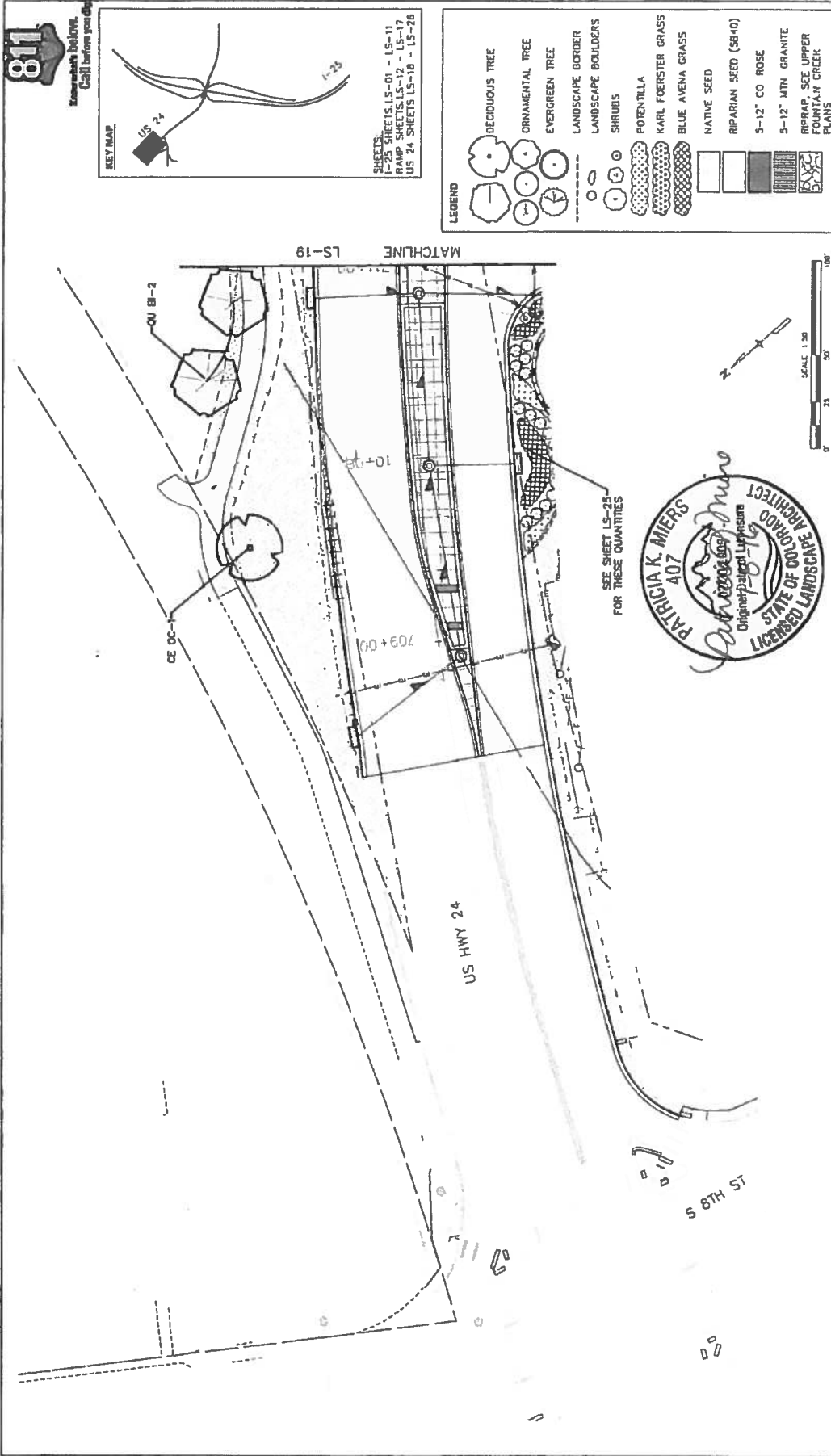
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| | DECIDUOUS TREE |
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| | EVERGREEN TREE |
| | LANDSCAPE BORDER |
| | LANDSCAPE BOULDERS |
| | SHRUBS |
| | POTENTILLA |
| | KARL FOERSTER GRASS |
| | BLUE AVENA GRASS |
| | NATIVE SEED |
| | RIPARIAN SEED (SB40) |
| | 5-12" CO. ROSE |
| | 5-12" MTN. GRANITE |
| | RIPRAP, SEE UPPER PLANS |
| | MOUNTAIN CREEK |



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| ERRATA: SEE SHEETS | | | Detailer: 19039 |
| | | | Sheet Subset: LANDSCAPE |
| | | | Sheet Subsets: LS17, 26 |
| | | | Sheet Number: 24-31 |

Colorado Department of Transportation
 1480 Quail Lake Loop, Suite A
 Colorado Springs, CO 80906
 Phone: 719-634-2323 FAX: 719-227-3298
 Region 2
 DMW

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| Sheet Revisions Date: _____ Comments: _____ _____ _____ | | 1-25/CHARRON ST (US 24) INTERCHANGE CHARRON ST (US 24) LANDSCAPE PLAN Designer: Detailer: Sheet Subject: LANDSCAPE Subst. Sheet: LS18 of 26 | |

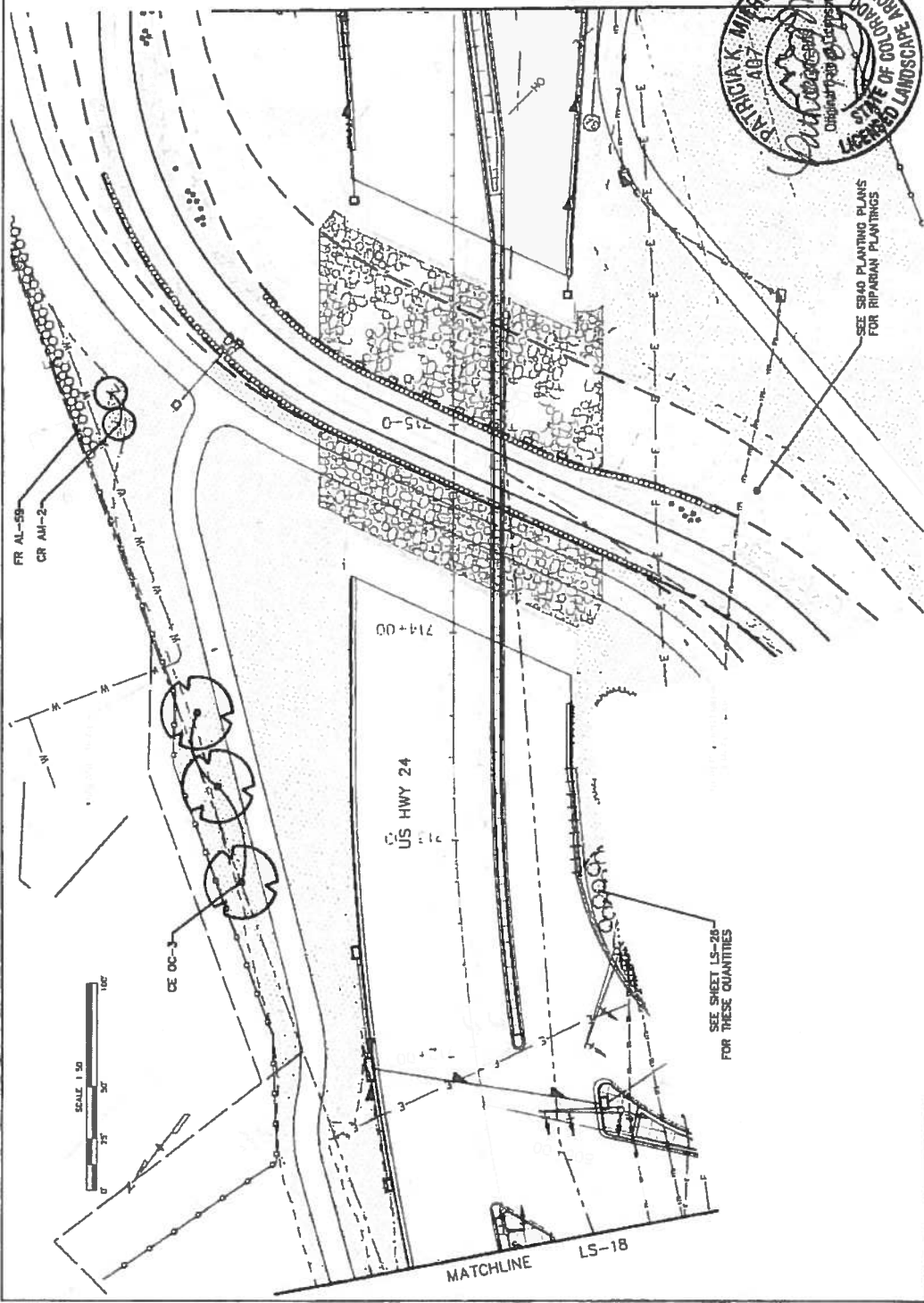


KEY MAP
US 24

SHEETS:
1-25 SHEETS LS-01 - LS-11
RAMP SHEETS LS-12 - LS-17
US 24 SHEETS LS-18 - LS-26

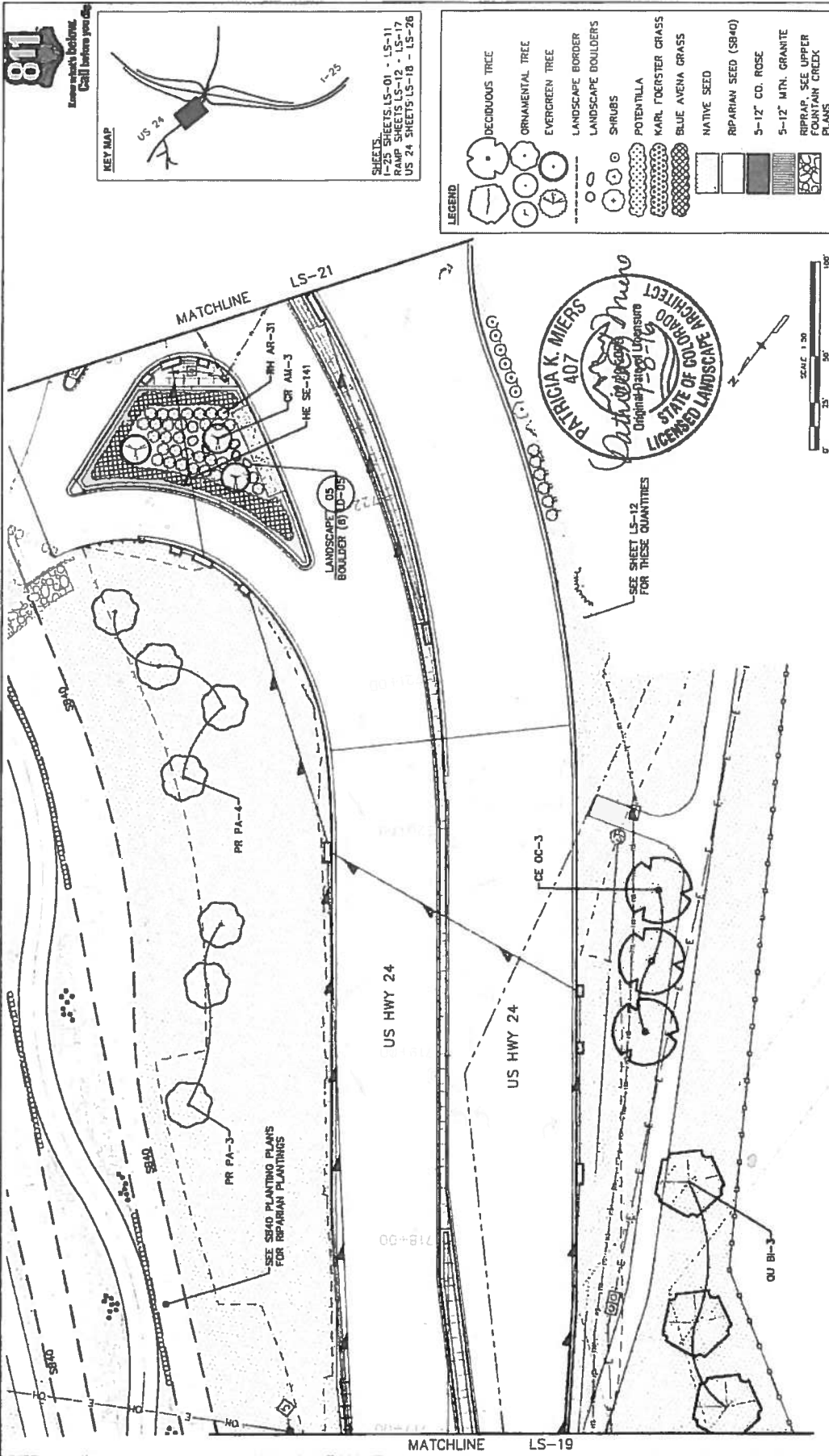
LEGEND

- DECIDUOUS TREE
- ORNAMENTAL TREE
- EVERGREEN TREE
- LANDSCAPE BORDER
- LANDSCAPE BOULDERS
- SHRUBS
- POTENTILLA
- KARL FORSTIER GRASS
- BLUE AVENA GRASS
- NATIVE SEED
- RIPARIAN SEED (SB40)
- 5-12" CO ROSE
- 5-12" MTN. GRANITE
- RIPRAP - SEE UPPER FOUNTAIN CREEK PLANS

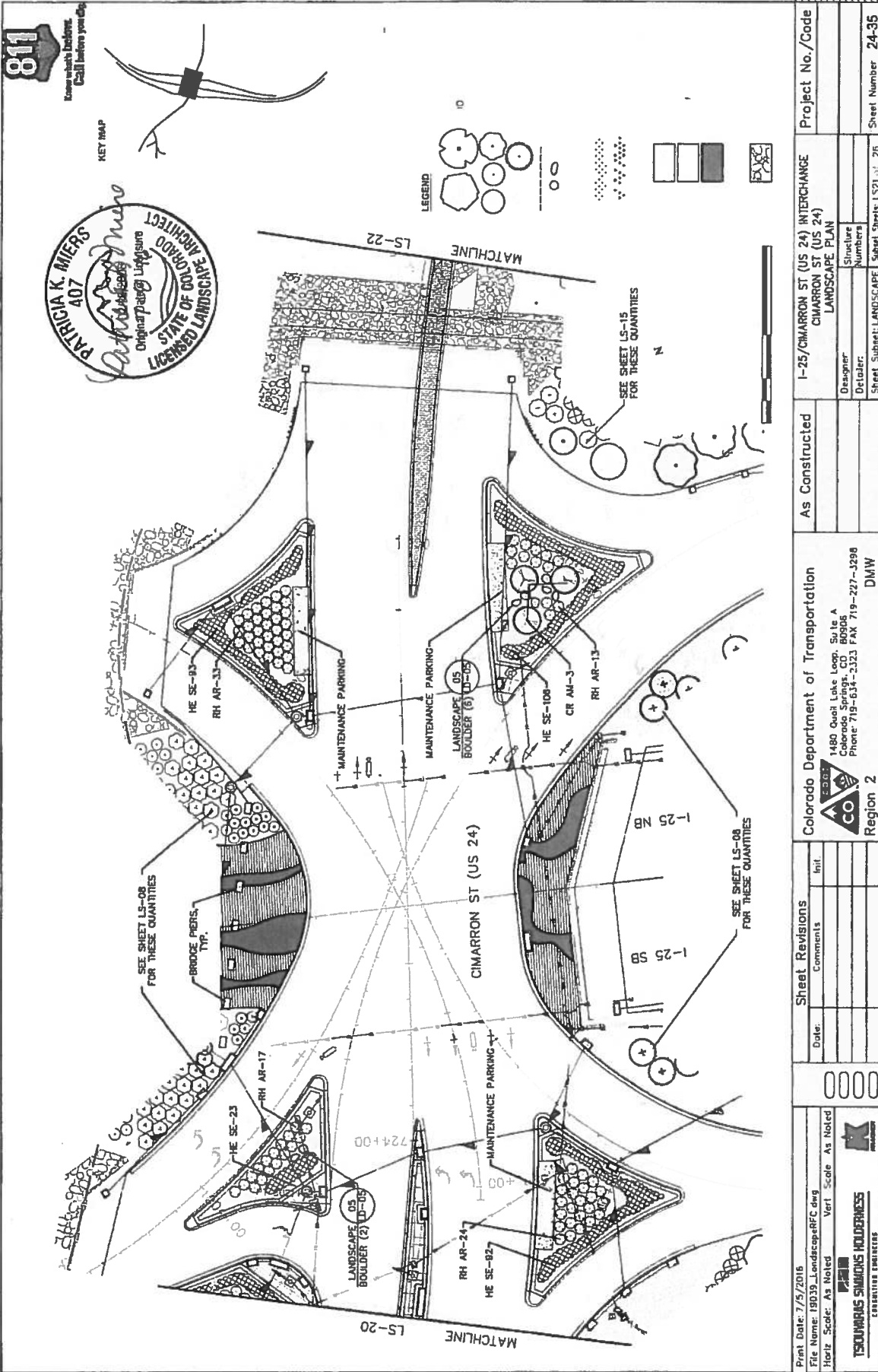


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| | Date | Comments | Revised: | 19039 |
| | | | Structure Numbers | Sheet Number 24-33 |
| | | | Definer | Sheet: 24-33 |
| | | | Sheet Subset: LANDSCAPE | Sheet: 24-33 |





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| Print Date: 7/5/2016 | | File Name: 19039_LandscapeRFC.dwg | | Ver/L. Size: As Noted | |
| Herz Scale: As Noted | | 0000 | | 1500MMARS SMARRS HOLDINGS CONSULTING ENGINEERS | |
| Sheet Revisions | | Colorado Department of Transportation | | As Constructed | |
| Date | Comments | 1480 Quail Lake Loop, Suite A Colorado Springs, CO 80906 Phone 719-534-2323 FAX 719-227-3299 | I-25/CIMARRON ST (US 24) INTERCHANGE CIMARRON ST (US 24) LANDSCAPE PLAN | | Project No./Code IM 0252-423 |
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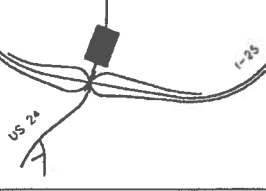


TSOUMARIS SIMMONS HOLDINGS
 ENGINEERS

811

Call before you dig.

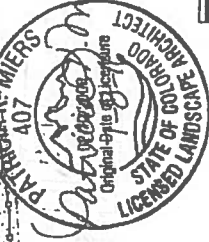
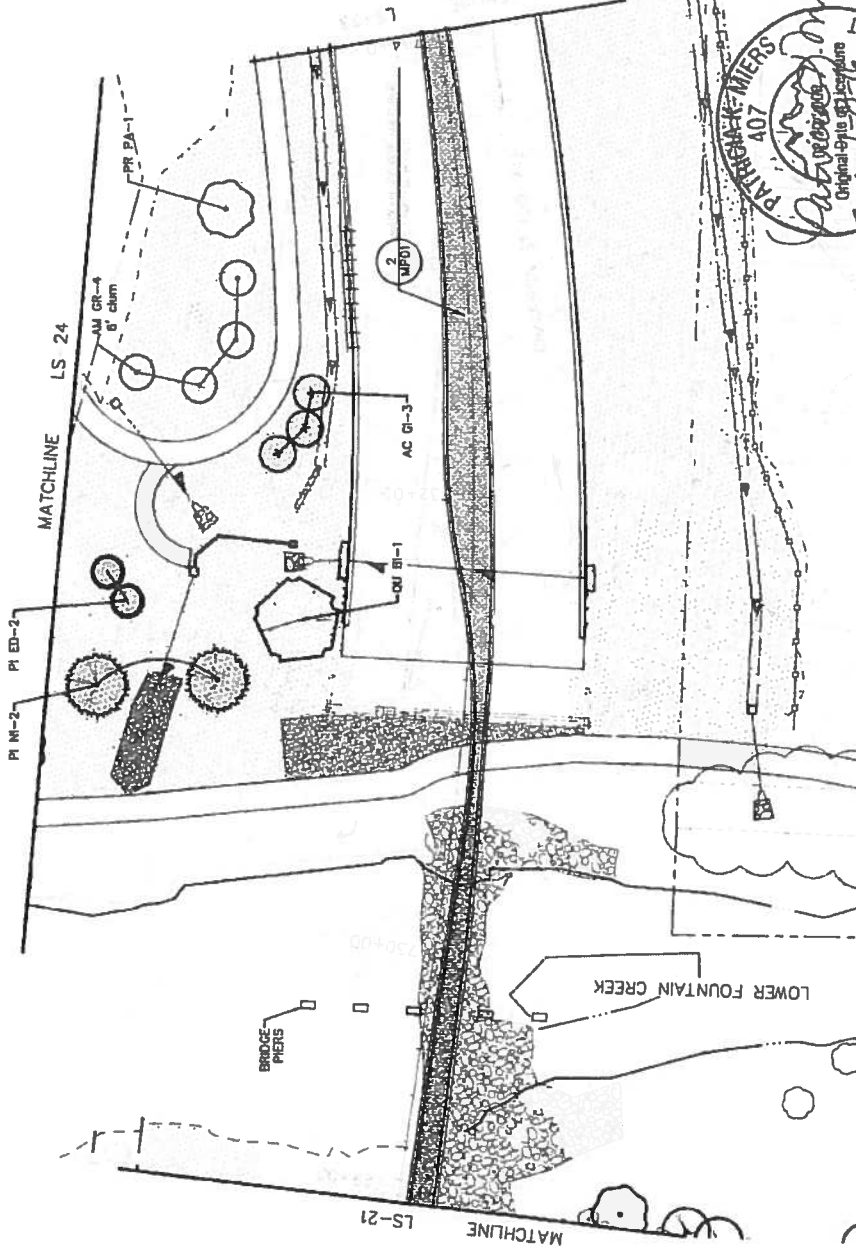
KEY MAP



SHEETS:
 I-25 SHEETS LS-01 - LS-11
 RAMP SHEETS LS-12 - LS-17
 US 24 SHEETS LS-18 - LS-26

DECIDUOUS TREE
 ORNAMENTAL TREE
 EVERGREEN TREE
 LANDSCAPE ROSE
 LANDSCAPE BOLLARD
 SHRUBS
 POTENTILLA
 KARL FOERSTER GRASS
 BLUE AVENA GRASS
 NATIVE SEED
 RIPARIAN SEED (SB40)
 5-12" CO. ROSE
 5-12" MTN GRANITE
 RIPRAP, SEE UPPER FOUNTAIN CREEK PLANS

SCALE 1:50
 0 15 30 45 60 75 90 105 120

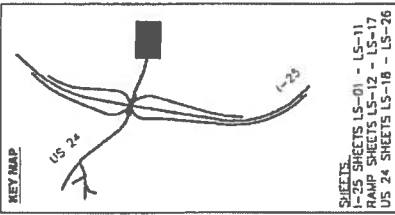


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| Colorado Department of Transportation 1480 Quail Lake Loop, Suite A Colorado Springs, CO 80905 Phone: 719-634-2323 FAX: 719-227-3298 Region 2 | | | Designer: Detailer: Sheet Subject: LANDSCAPE | Structure Numbers Subst. Sheets: LS22 (/ 26) | |
| ISOWARIS SWANSON HOLDINGS CONSULTING ENGINEERS | | | | | |

811

Know what's below.
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KEY MAP



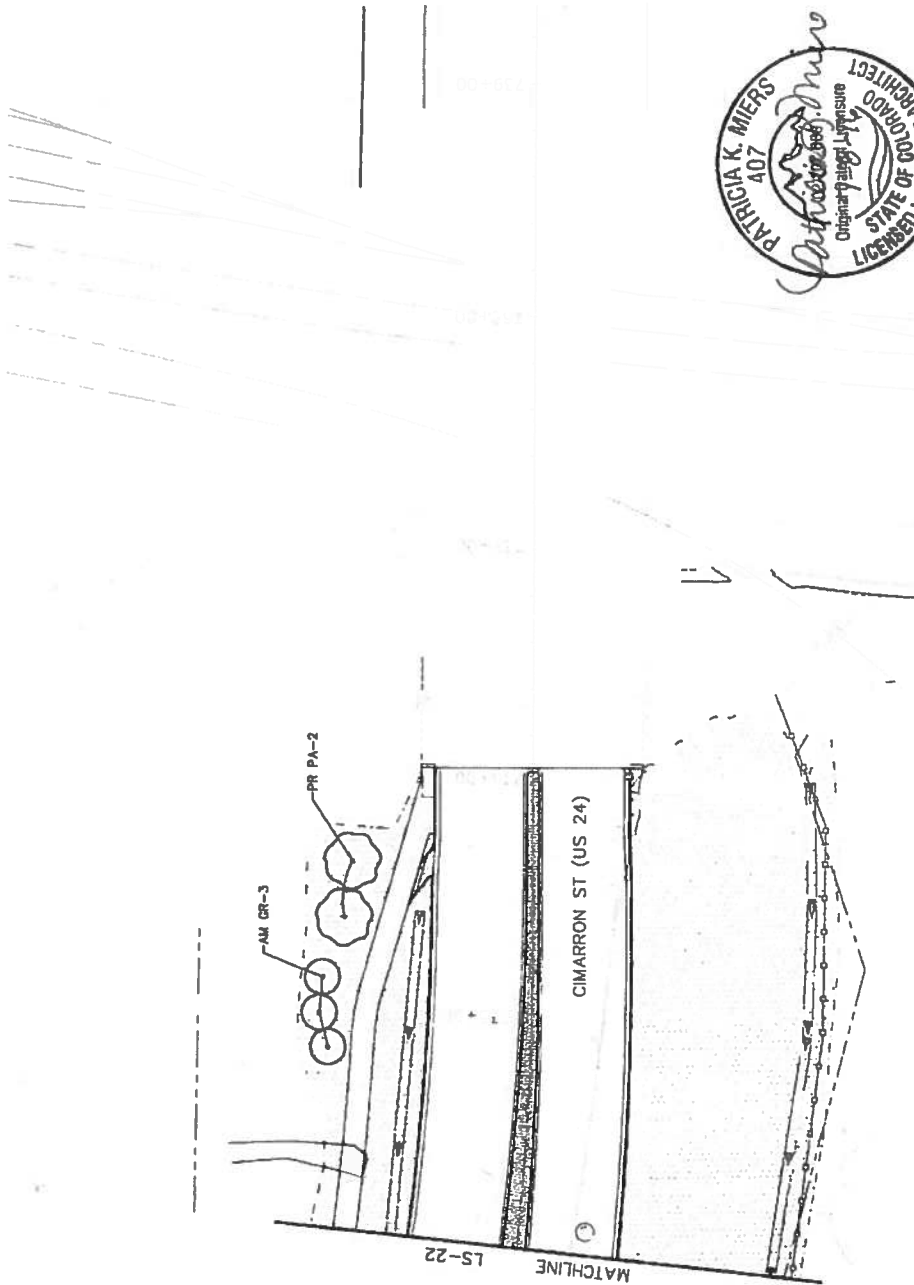
SHEETS
1-25 SHEETS LS-01 - LS-11
RAMP SHEETS LS-12 - LS-17
US 24 SHEETS LS-18 - LS-26

LEGEND

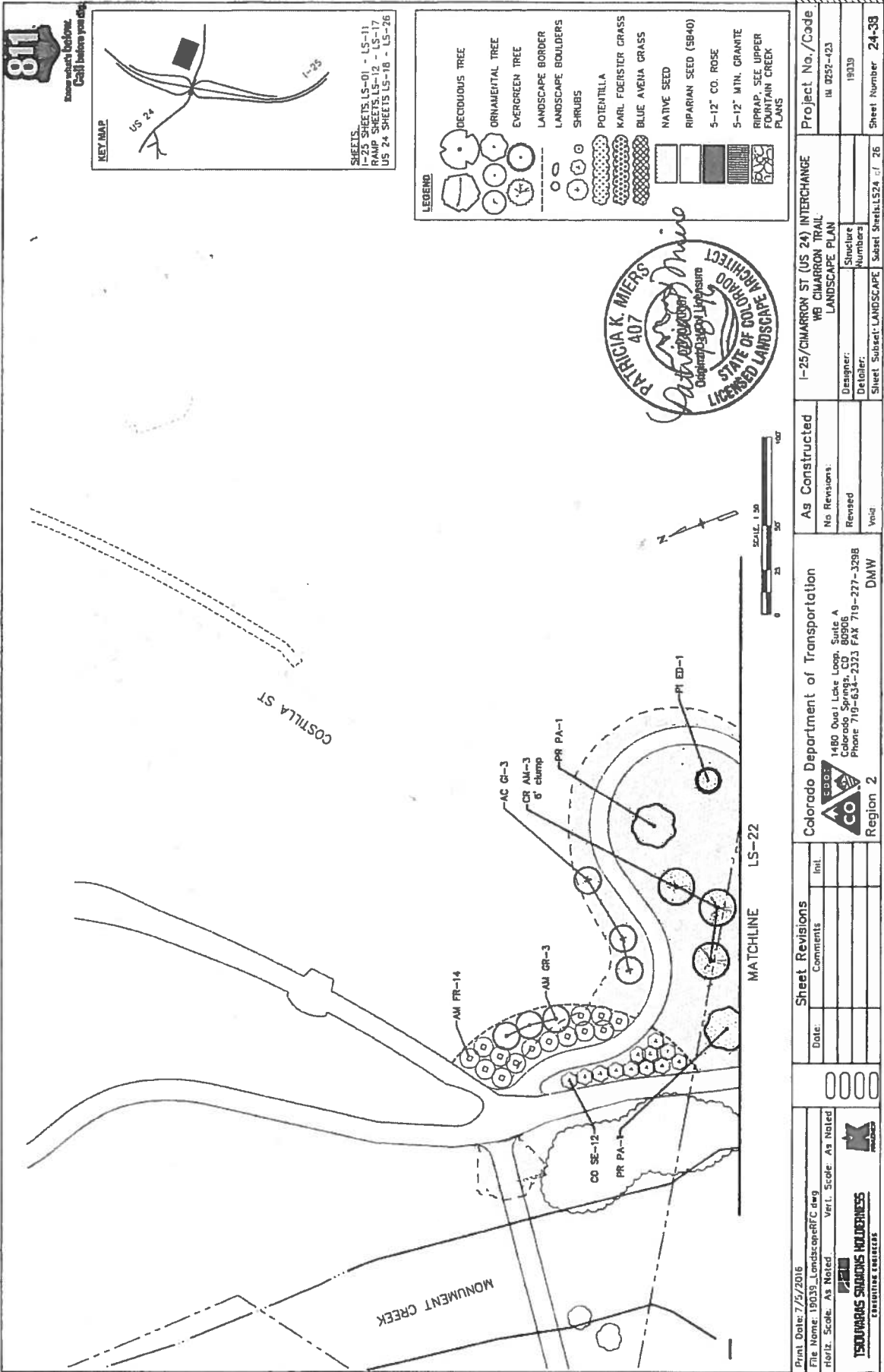
- DECIDUOUS TREE
- ORNAMENTAL TREE
- EVERGREEN TREE
- LANDSCAPE BORDER
- LANDSCAPE BOULDERS
- SHRUBS
- POTENTILLA
- KARL FOERSTER GRASS
- BLUE AVENA GRASS
- NATIVE SEED
- RIPARIAN SEED (SB40)
- 5-12" CO ROSE
- 5-12" MIN GRANITE
- GROUP SEE UPPER MOUNTAIN GREEN PLANS



SCALE 1" = 30'



| | | | | |
|---|---|--|----------------------------------|---|
| Print Date: 7/5/2016 File Name: 19039_LandscapeRFC.dwg User: As Noted Ver/L Scale: As Noted TSOLMARIS SODAKIS HOLDINGS CREDITABLE ENGINEERS | Sheet Revisions Date: Comments: Ent: 0000 | Colorado Department of Transportation 1480 Duval Lake Loop, Suite A Colorado Springs, CO 80906 Phone: 719-634-2323 FAX: 719-227-3298 Region 2 DMW | As Constructed | Project No./Code |
| | | | No Revisions Revised: Void | I-25/CIMARRON ST (US 24) INTERCHANGE CIMARRON ST (US 24) LANDSCAPE PLAN |



Print Date: 7/5/2016
 File Name: 19039_LandscapeRFC.dwg
 Veri. Scale: As Noted
 Veri. Scale: As Noted

ISOURAS SHOOKS HOLDINGS
 CONSULTING ENGINEERS

Colorado Department of Transportation
 1480 Quail Lake Loop, Suite A
 Colorado Springs, CO 80906
 Phone: 719-634-2373 FAX: 719-277-3288
 DMW
 Region 2

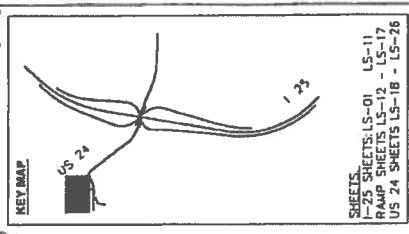
811
 Know what's below.
 Call before you dig.

Colorado Department of Transportation
 Region 2

As Constructed
 No Revisions:
 Revised:
 Void:

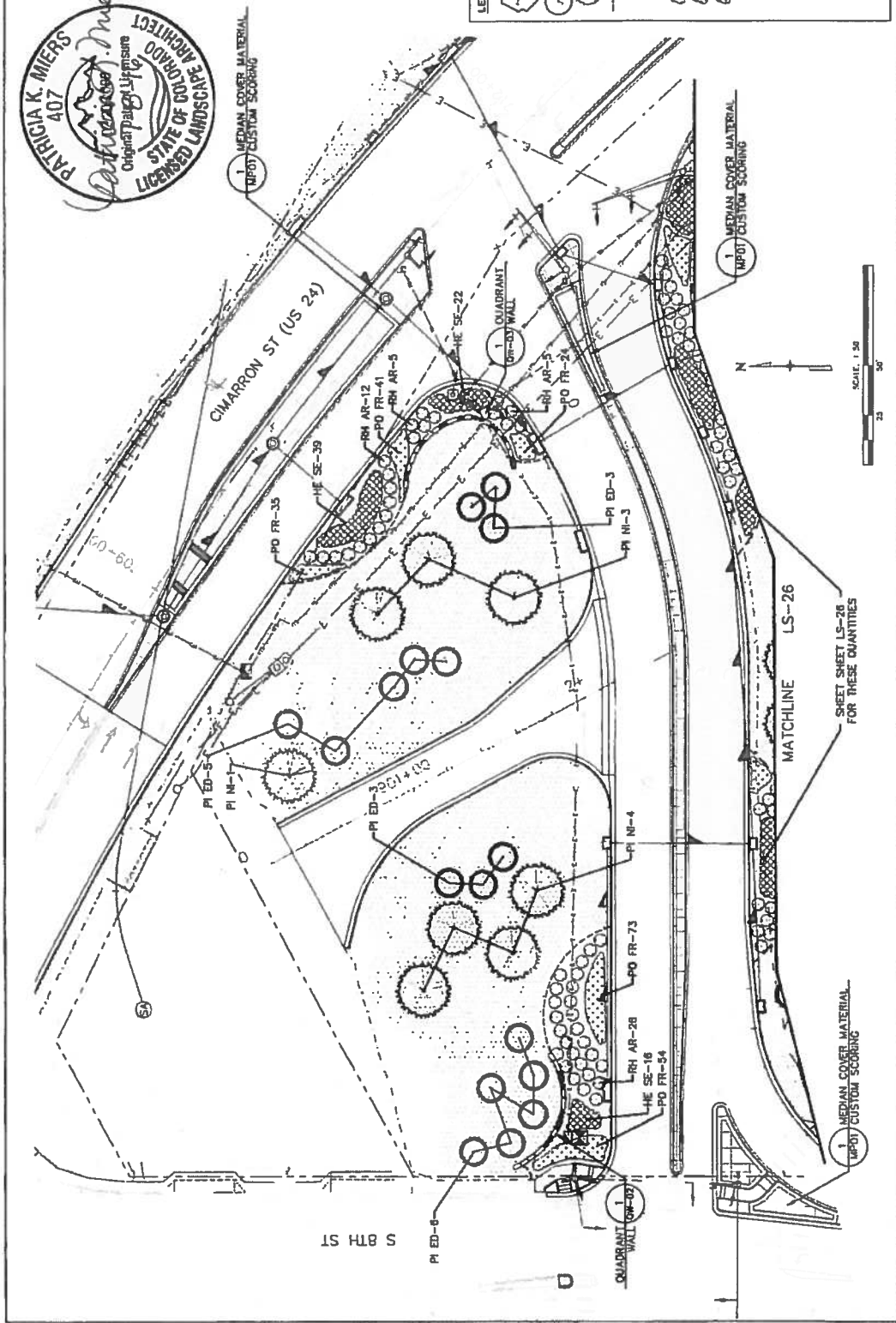
DESIGNER/DETAILER
 Patricia K. Miers
 407
 LICENSED LANDSCAPE ARCHITECT
 STATE OF COLORADO

PROJECT INFORMATION
 Project No./Code: 11 9257-423
 19039
 Sheet Number: 24-38



LEGEND

- DECIDUOUS TREE
- ORNAMENTAL TREE
- EVER REEN TREE
- LANDS APE B ROER
- LAND APE B LOER
- SHR B
- P TENT LA
- KARL F ER TER GRASS
- BL E AVENA GRASS
- NATIVE SEED
- RIPARIAN SEED (SBAD)
- 5-12" CO. ROSE
- 5-12" MTN GRANITE
- RIPRAP, SEE UPPER SHEETS FOR PLANS



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| | | | |
| Colorado Department of Transportation 1480 Oquir Lake Loop, Suite A Colorado Springs, CO 80906 Phone 719-634-2323 FAX 719-227-3288 Region 2 | | | |
| Sheet Revisions | Date: | Comments | Int'l. |
| | | | |
| As Constructed | | | No Revisions |
| Revised: | | | Void |
| Project No./Code | | | IR 035-423 |
| QUADRANT LANDSCAPE PLAN | | | 19039 |
| Designer: | | | Structure |
| Detailer: | | | Numbers |
| Sheet Subset LANDSCAPE | | | Sheet: 26 |
| Sheet Subset LANDSCAPE | | | Sheet: 24-39 |

SHEET LS-26 FOR THESE QUANTITIES

MATCHLINE LS-26

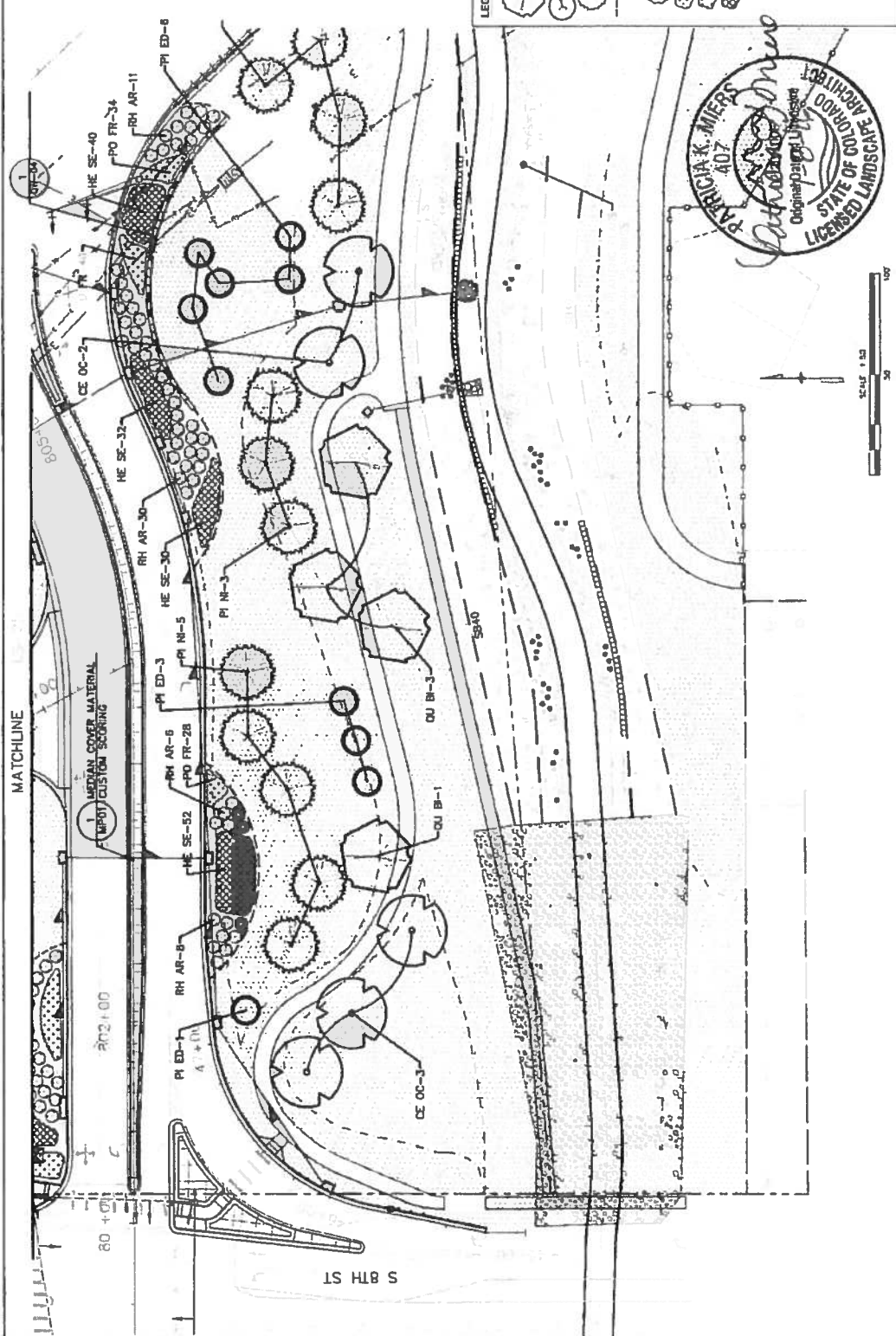
1 MEDIAN COVER MATERIAL (APD) CUSTOM SCORING

1 QUADRANT WALL (APD) CUSTOM SCORING

1 QUADRANT WALL (APD) CUSTOM SCORING



KEY MAP



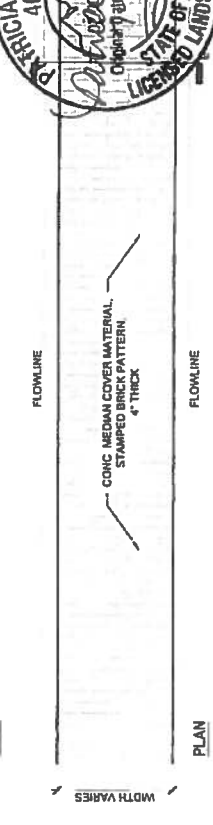
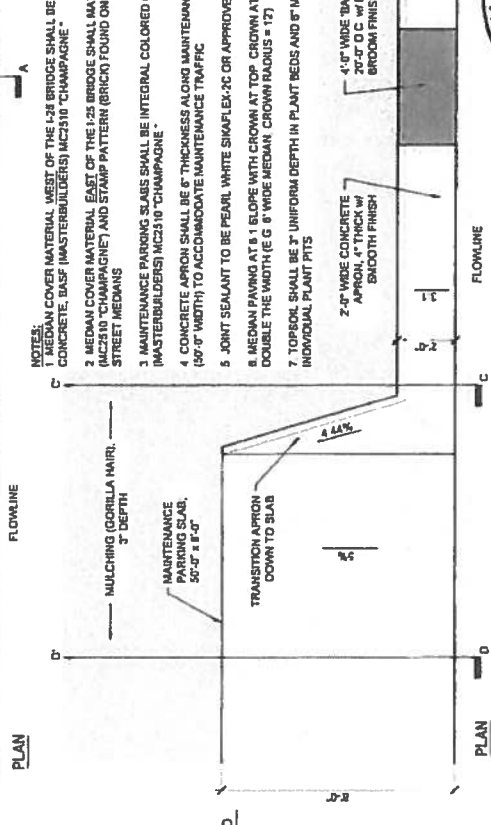
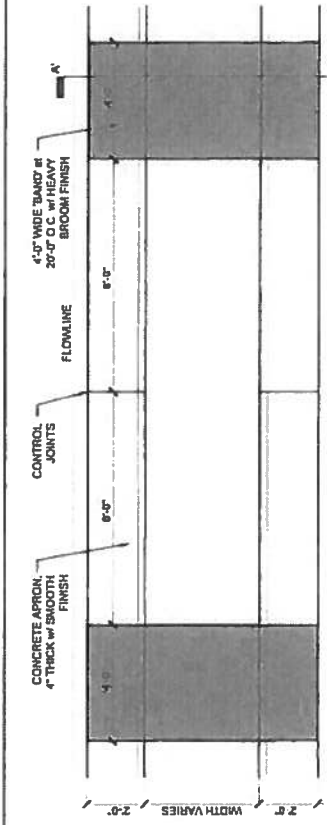
- LS-11
- LS-17
- B - LS-26

LEGEND

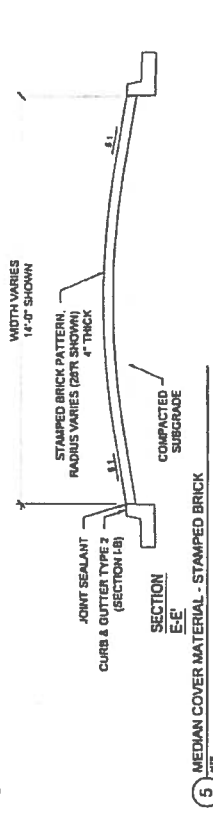
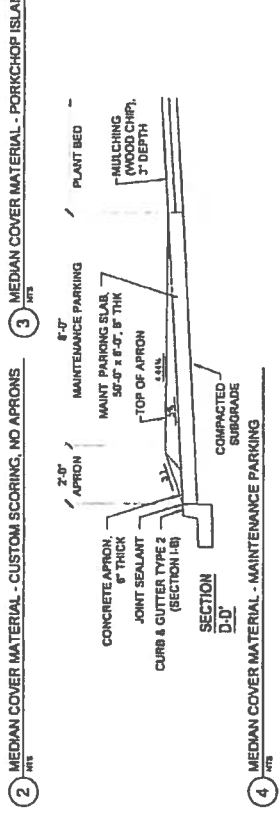
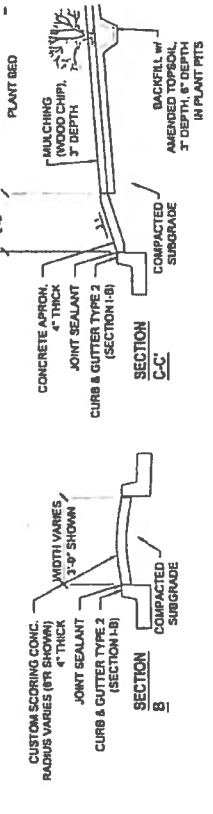
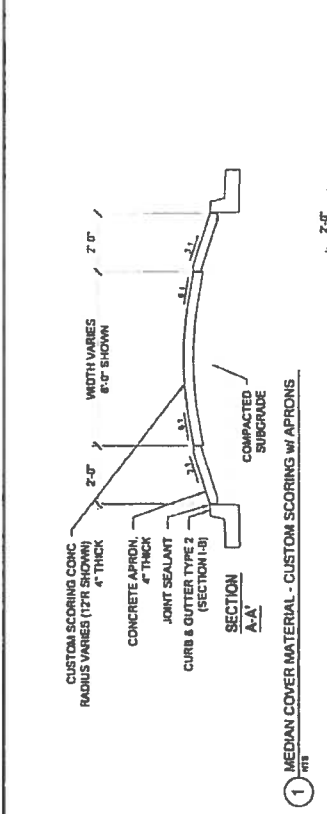
- DECIDUOUS TREE
- ORNAMENTAL TREE
- EVERGREEN TREE
- LANDSCAPE BORDER
- LANDSCAPE BOULDERS
- SHRUBS
- POTENTILLA
- KARL FOERSTER GRASS
- BLUE AVENA GRASS
- NATIVE SEED
- RIPARIAN SEED (SB40)
- 5-12" CO ROSE
- 5-12" MTN GRANITE
- RIPRAP, SEE UPPER PLANS
- UPPER CREEK



| | | | | | |
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| Print Date: 7/25/2016 File Name: 190319_LandscapeP&FC.dwg Plot: Scale: As Noted Vertical Scale: As Noted | TSOLMARAS SWANSONS HOLDINGS CONSULTING ENGINEERS | Sheet Revisions Date: _____ Comments: _____ In/1 | As Constructed No Revisions Revised Void | Colorado Department of Transportation 1480 Oval Lake Loop, Suite A Colorado Springs, CO 80906 Phone 719-634-2323 FAX 9-227-3298 DMW Region 2 | Project No./Code 0252-423 Sheet Number 24-40 |
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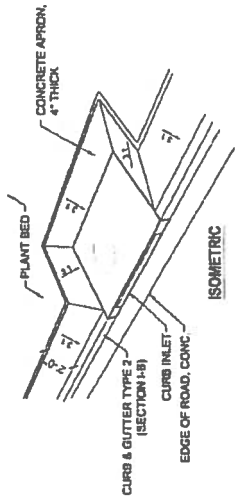
- NOTES:**
1. MEDIAN COVER MATERIAL WEST OF THE I-25 BRIDGE SHALL BE INTEGRAL COLORED CONCRETE, B&S (MASTERBUILDERS) MC2310 "CHAMPAGNE"
 2. MEDIAN COVER MATERIAL EAST OF THE I-25 BRIDGE SHALL MATCH THE COLOR ABOVE (MC2310 "CHAMPAGNE") AND STAMP PATTERN (BRICK) FOUND ON EXISTING OMAHON STREET MEDIANS
 3. MAINTENANCE PARKING SLABS SHALL BE INTEGRAL COLORED CONCRETE, B&S (MASTERBUILDERS) MC2310 "CHAMPAGNE"
 4. CONCRETE APRON SHALL BE 6" THICKNESS ALONG MAINTENANCE PARKING SLAB SP/ (50'-0" WIDTH) TO ACCOMMODATE MAINTENANCE TRAFFIC
 5. JOINT SEALANT TO BE PEARL WHITE SIKAFLEX-2C OR APPROVED EQUAL
 6. MEDIAN PAVING AT 8.1 SLOPE WITH CROWN AT TOP. CROWN AT APPROXIMATELY DOUBLE THE WIDTH (E.G. 8' WIDE MEDIAN CROWN RADIUS = 12')
 7. TOPSOIL SHALL BE 3" UNIFORM DEPTH IN PLANT BEDS AND 6" MINIMUM DEPTH IN INDIVIDUAL PLANT PITS



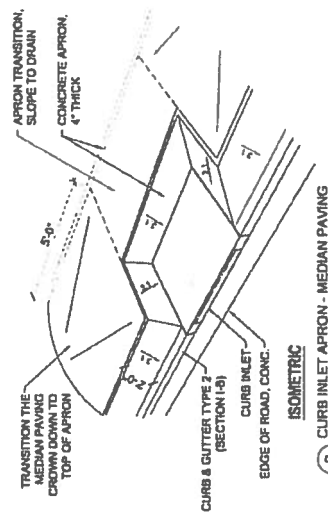
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| Print Date: 7/5/2016 File Name: 19039_MedianPavingRFC.dwg Horiz. Scale: As Noted Ver. Scale: As Noted | | Sheet Revisions Date: _____ Comments: _____ Inlt. _____ | | Colorado Department of Transportation 1480 Duval Lake Loop, Suite A Colorado Springs, CO 80906 Phone: 719-534-2323 FAX: 719-227-3298 DMW | | As Constructed No Revisions: _____ Revised: _____ Void: _____ | | Project No./Code I-25/OMARRON ST (US 24) INTERCHANGE MEDIAN PAVING PLAN III 0252-423 Designer: _____ Structure Numbers: 19039 Detailer: _____ Sheet Subset: LANDSCAPE Subset Sheets: MP011 - 16 Sheet Number: 24-41 | |
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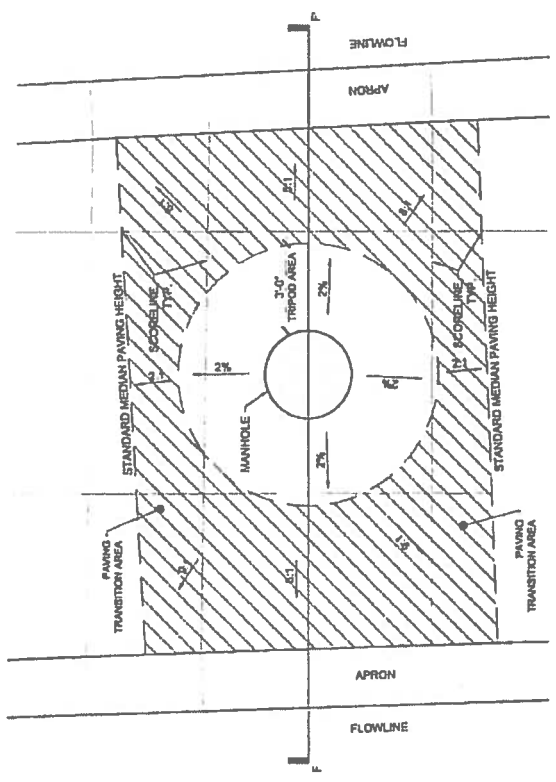
NOTE:
 1. SEE DETAILS 1-4, SHEET SUBSET NP01 FOR MEDIAN SECTION DETAILS.
 2. FOR MANHOLES WITHIN MEDIAN PAVING, PROVIDE 6" SLOPE TRANSITION ZONE TO FINISHED GRADE OF MANHOLE.



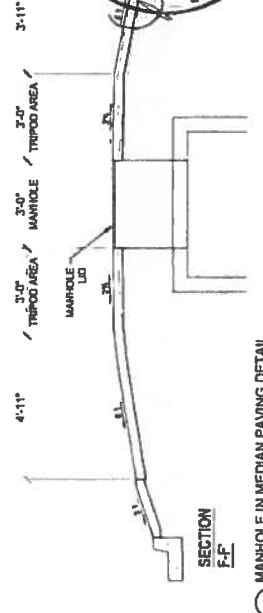
1 CURB INLET APRON - PORKCHOP ISLAND
1/16" = 1'-0"



2 CURB INLET APRON - MEDIAN PAVING
1/16" = 1'-0"



PLAN



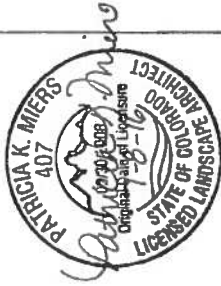
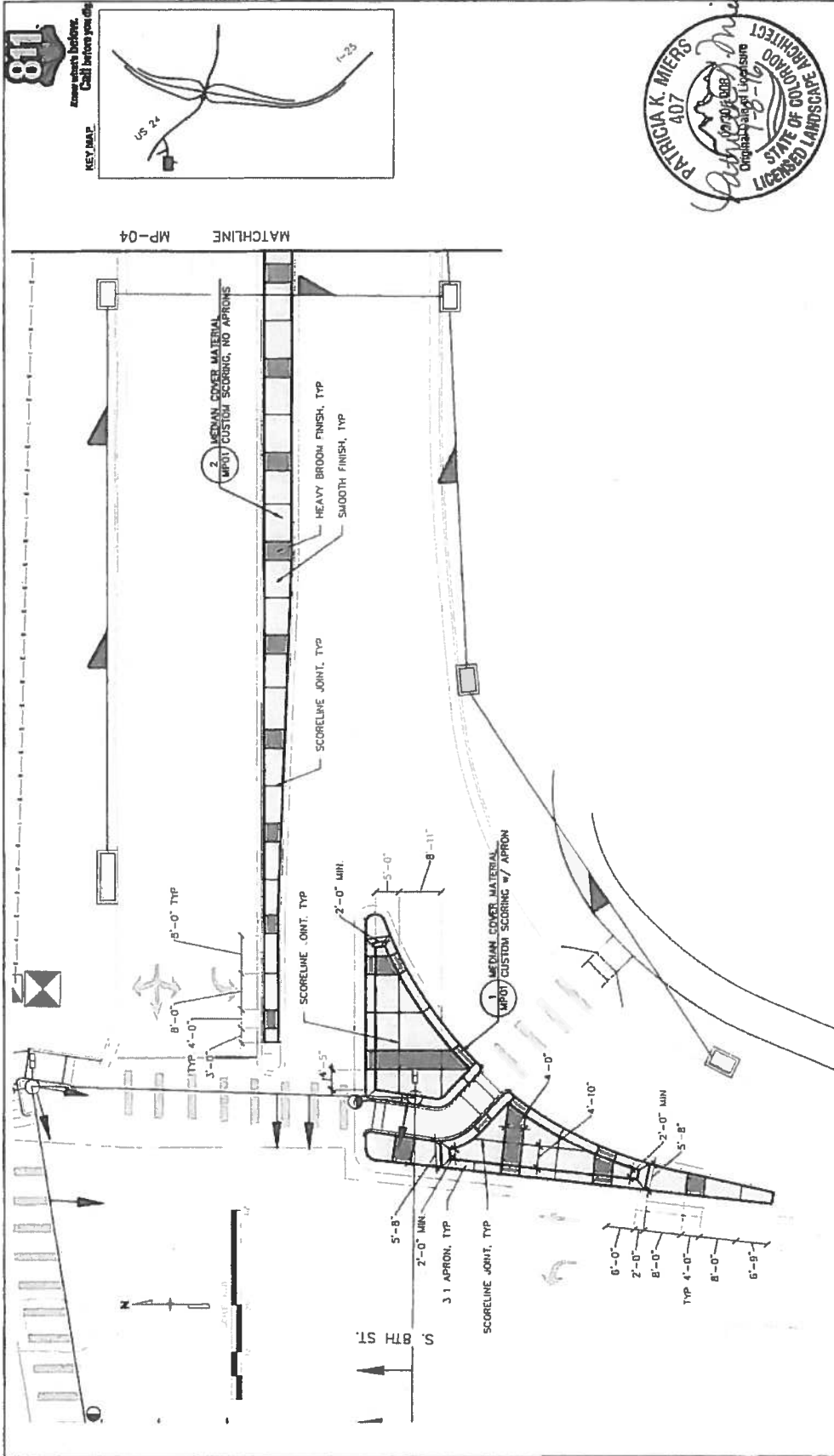
4 MANHOLE IN MEDIAN PAVING DETAIL
1/16" = 1'-0"



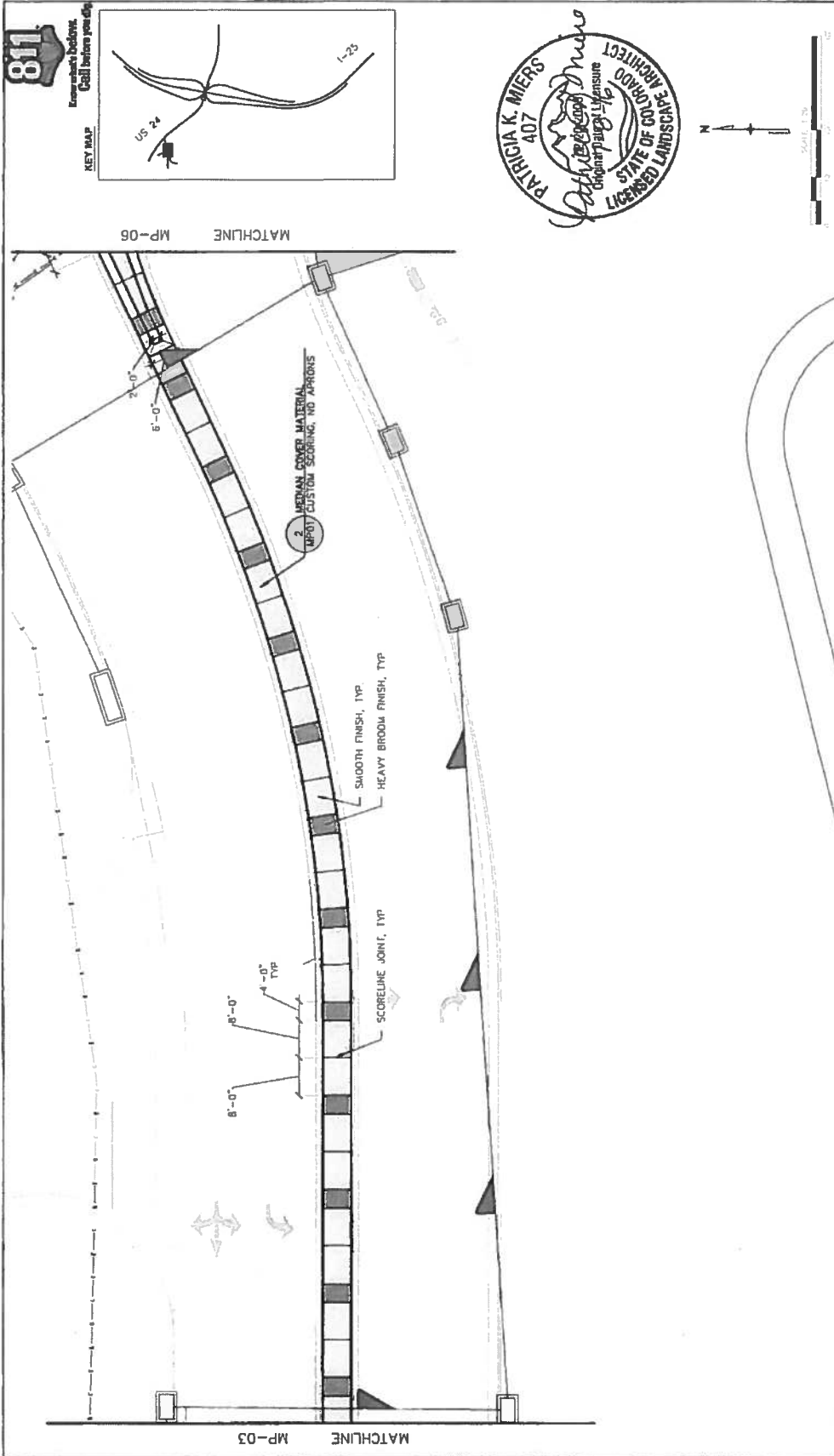
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| | Designer: Detaller: Sheet Subset: LANDSCAPE Sheet Numbers: 16 Subst Sheets: MP02 | | | | | |



1500 WARREN SIMMONS HOLDOENESS
 CONSULTING ENGINEERS



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| Print Date: 7/5/2016 File Name: 19039_MedianPavingFC.dwg Horiz. Scale: As Noted Vert. Scale: As Noted | | Sheet Revisions Date: _____ Comments: _____ Inl: _____ | | Colorado Department of Transportation 1450 Buell Lake Loop, Suite A Colorado Springs, CO 80906 Phone 719-634-2323 FAX 719-227-3298 Region 2 DMW | | As Constructed No Revisions: Revised: Void: | | I-25/CIMARRON ST (US 24) INTERCHANGE QUADRANT MEDIAN PAVING PLAN Designer: Detacher: Structures Numbers: Sheet Subset: LANDSCAPE Subset Sheets: MP03 of 16 | | Project No./Code IN 0232-423 19039 Sheet Number 24-43 | |
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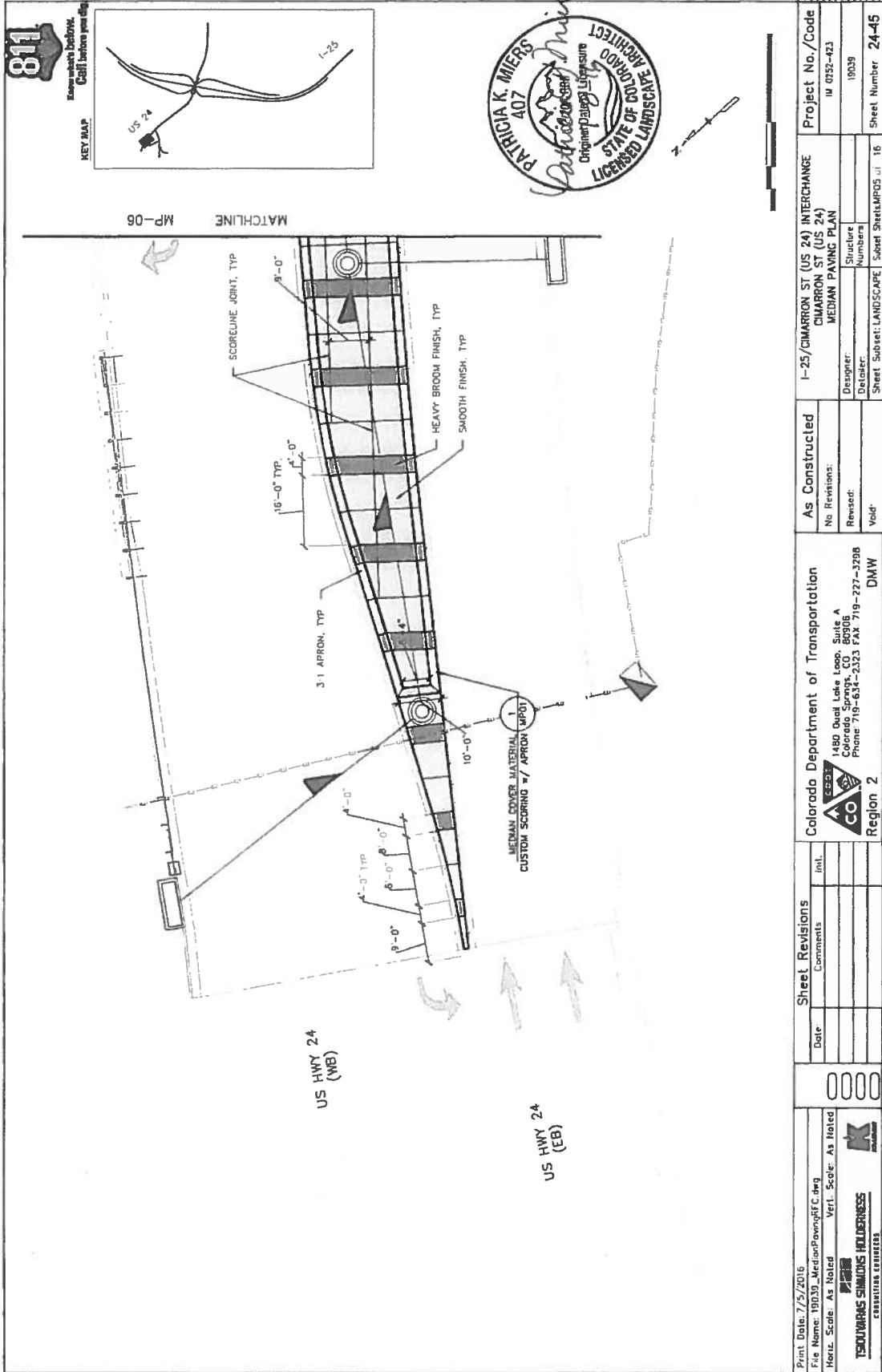


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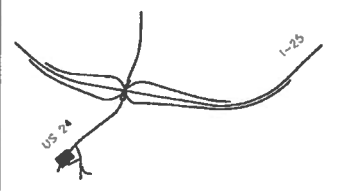


TSCUMARIAS SURVIVIOUS HOLDINGS
CREATIVE CONSULTERS

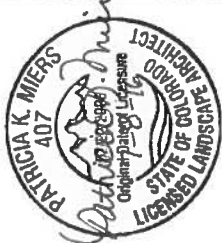
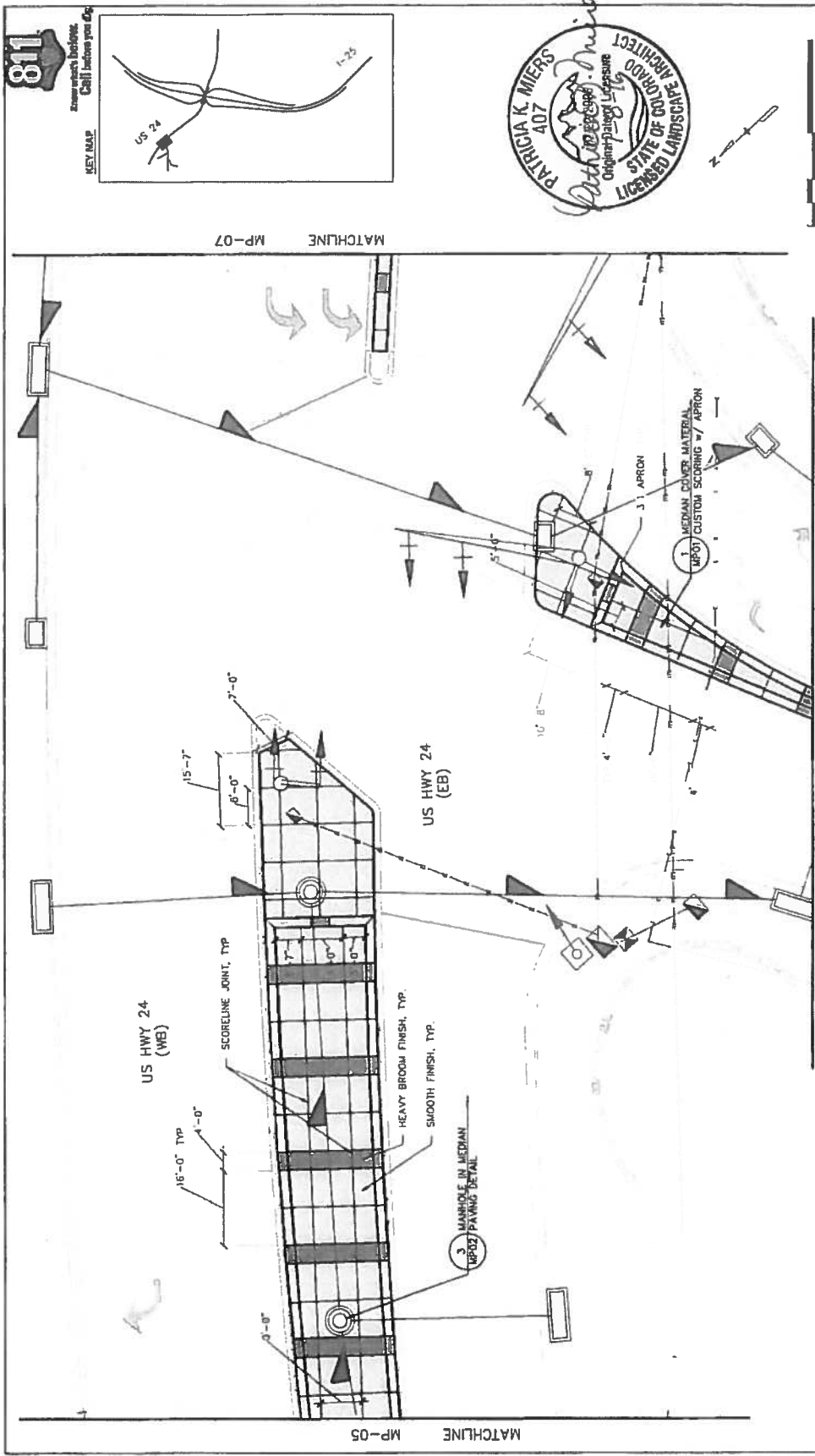


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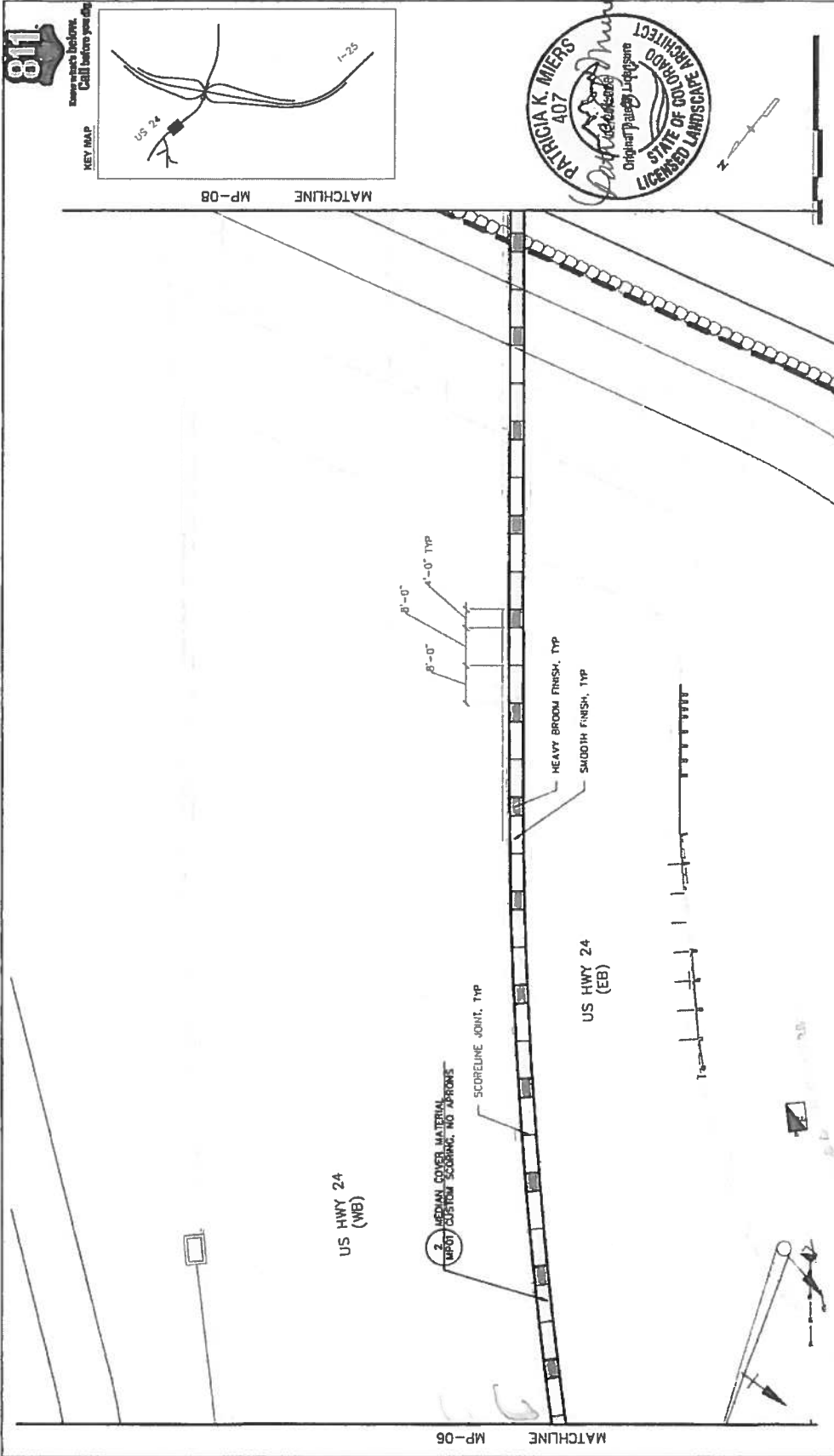
KEY MAP
Know what's below. Call before you dig.



| Print Date: 7/5/2016 File Name: 19039_MedianPavingRFC.dwg Horiz. Scale: As Noted Vert. Scale: As Noted | Sheet Revisions <table border="1"> <thead> <tr> <th>Date</th> <th>Comments</th> <th>Int.</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> | Date | Comments | Int. | | | | | | | | | | Colorado Department of Transportation 1480 Quail Lake Loop, Suite A Colorado Springs, CO 80906 Phone 719-634-2323 FAX 719-227-3288 DMW Region 2 | As Constructed No Revisions: Revised: Void: | Project No./Code IU 0752-423 19039 Designer: Detailer: Sheet Subject: LANDSCAPE Sheet Number: 24-45 Sheet Sheets: MP05 of 16 |
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| Date | Comments | Int. | | | | | | | | | | | | | | |
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| Print Date: 7/5/2016 File Name: 18039_MedianPavingRFC.dwg Format: Scale: As Noted | Sheet Revisions Date: _____ Comments: _____ Int: _____ | Colorado Department of Transportation Region 2 1800 Quind Lake Loop, Suite A Phone: 719-634-2323 FAX: 719-227-3288 DMW | As Constructed No Revisions Revised: _____ Valid: _____ | I-25/CHARRON ST (US 24) INTERCHANGE CHARRON ST (US 24) MEDIAN PAVING PLAN | Project No./Code 18039-423 |
| TECHNICAL SERVICES HOLDINGS CONSULTING ENGINEERS | 0000 | DMW | Designer: Detailer: | Structure Numbers | Sheet Number 24-46 |



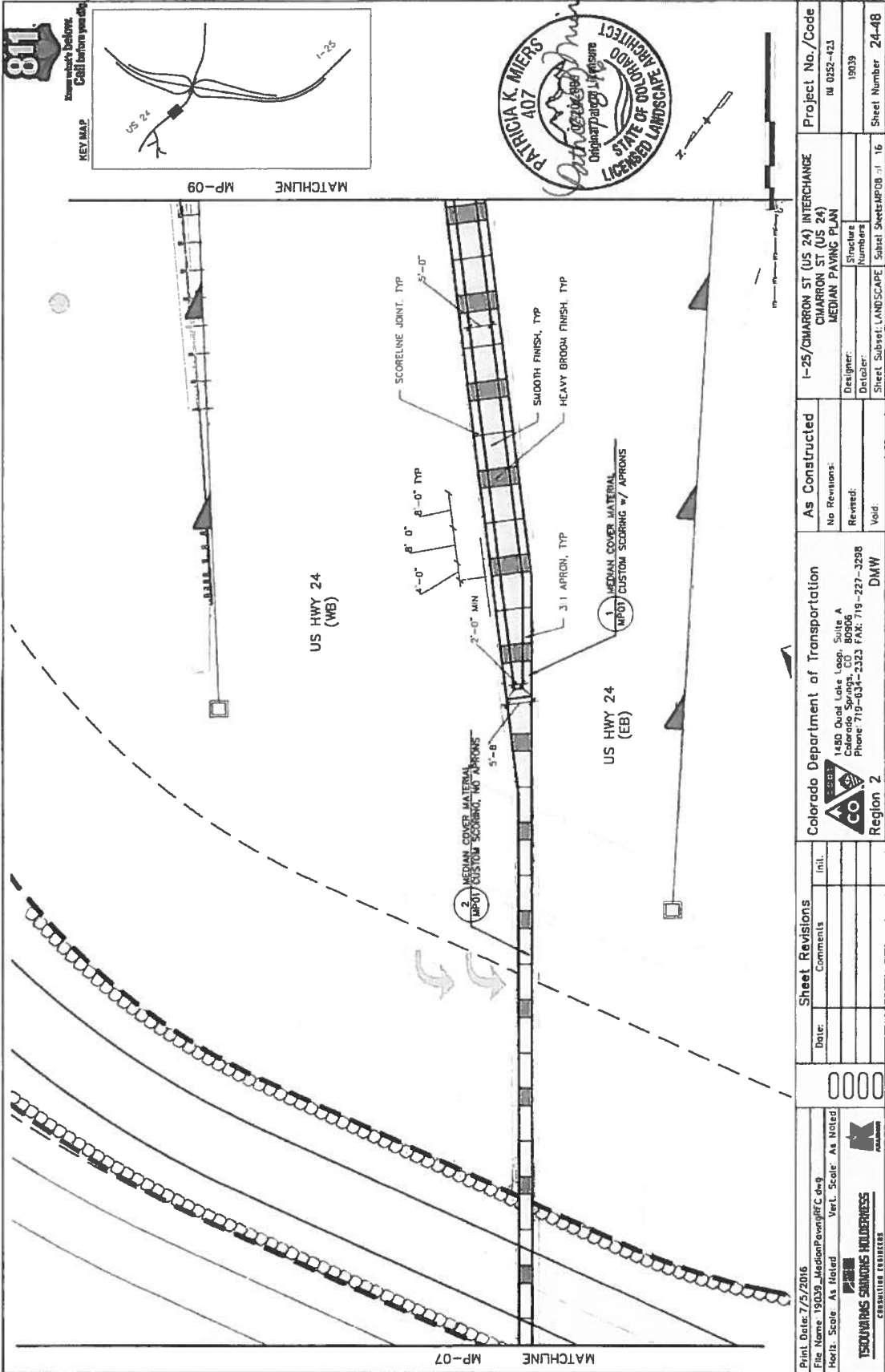
811
 Before you Dig
 Call Before you Dig



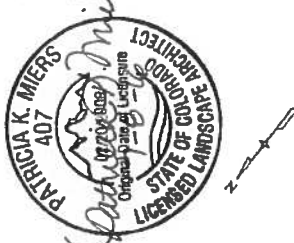
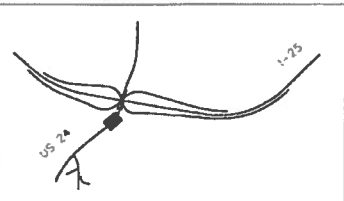
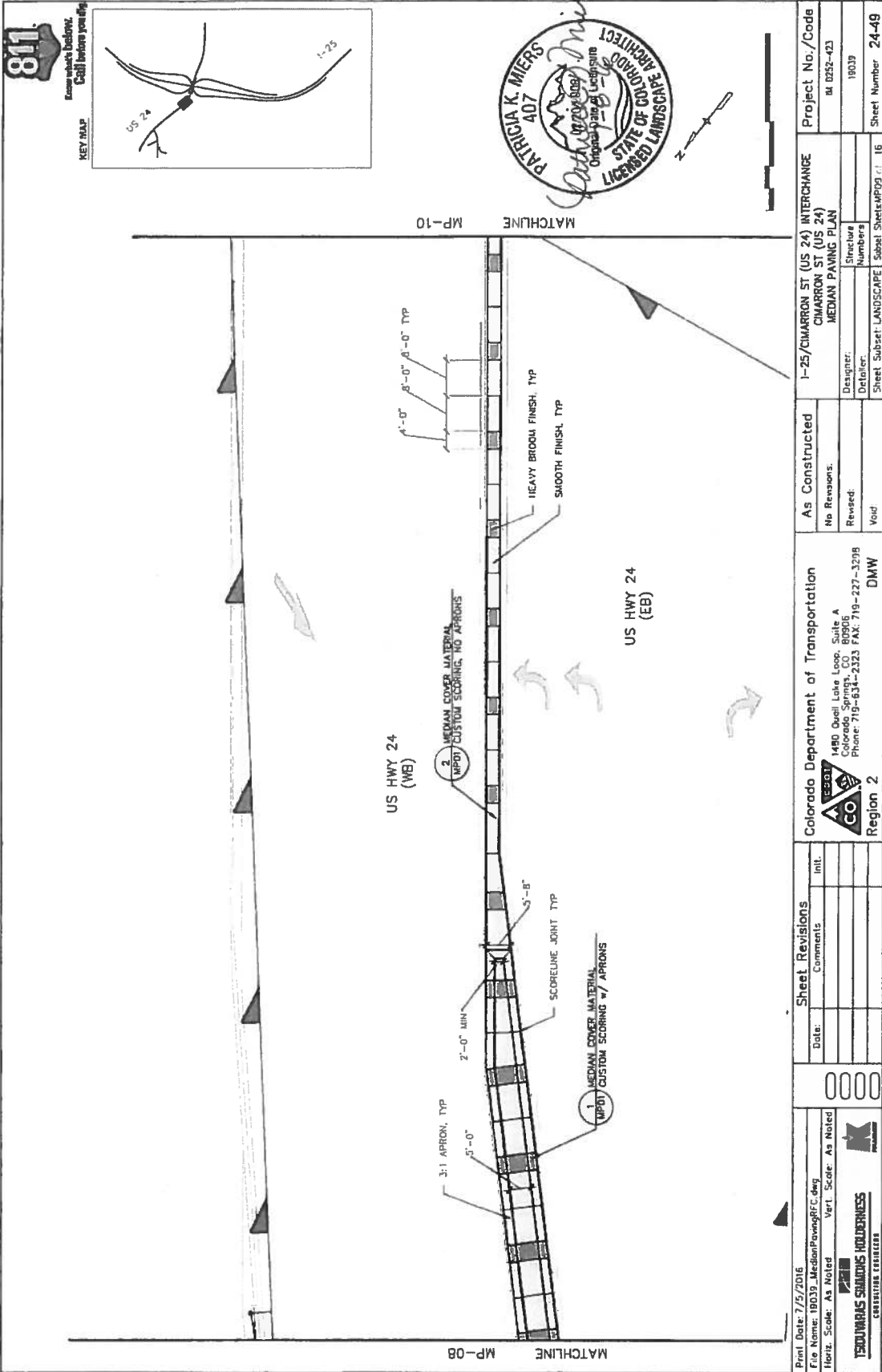
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| Colorado Department of Transportation 1480 Quai Lake Loop, Suite A Colorado Springs, CO 80906 Phone 719-534-2323 FAX: 719-227-3298 DMW | | | |
| As Constructed No Revisions. Revised: Void: | | Project No./Code in 0252-423 19039 | |
| Designer: Detailer: | | Structure Numbers: 19039 | |
| Sheet: Subset: LANDSCAPE | | Sheet: Subset: LANDSCAPE | |
| Sheet: 16 | | Sheet Number: 24-47 | |

| Sheet Revisions | Date: | Comments | Int. |
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Project 19039 - Median Paving RFC.dwg - 7/5/2016 1:25



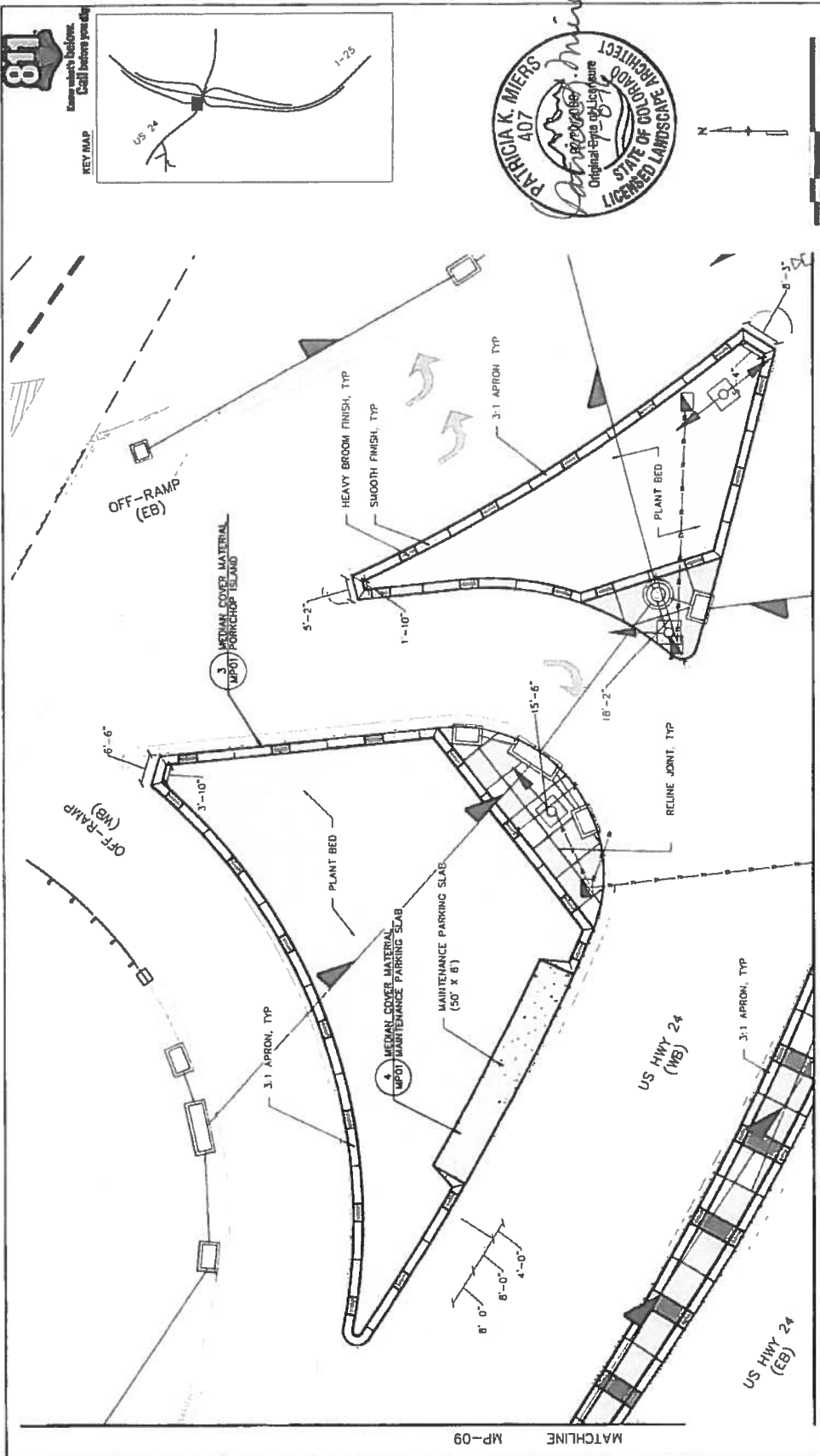
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| Print Date: 7/5/2016 File Name: 19039_MedianPavingRFC.dwg Horiz. Scale: As Noted Vert. Scale: As Noted | | Sheet Revisions Date: _____ Comments: _____ Init.: _____ | | Colorado Department of Transportation 1480 Quind Lake Loop, Suite A Colorado Springs, CO 80906 Phone: 719-634-2323 FAX: 719-227-3288 Region 2 | | As Constructed No Revisions: Revised: Void: | | I-25/CHARRON ST (US 24) INTERCHANGE CHARRON ST (US 24) MEDIAN PAVING PLAN | | Project No./Code III 0252-423 19039 | |
| TSOULING SHIMONS HOLDERS CONSULTING ENGINEERS | | 0000 | | Designer: Detailer: | | Sheet Subtitle: LANDSCAPE Sheet Number: 24-48 | | Sheet No./Code III 0252-423 19039 | | Sheet Number: 24-48 | |



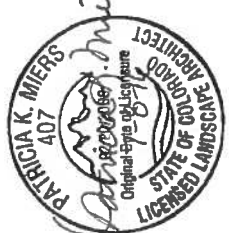
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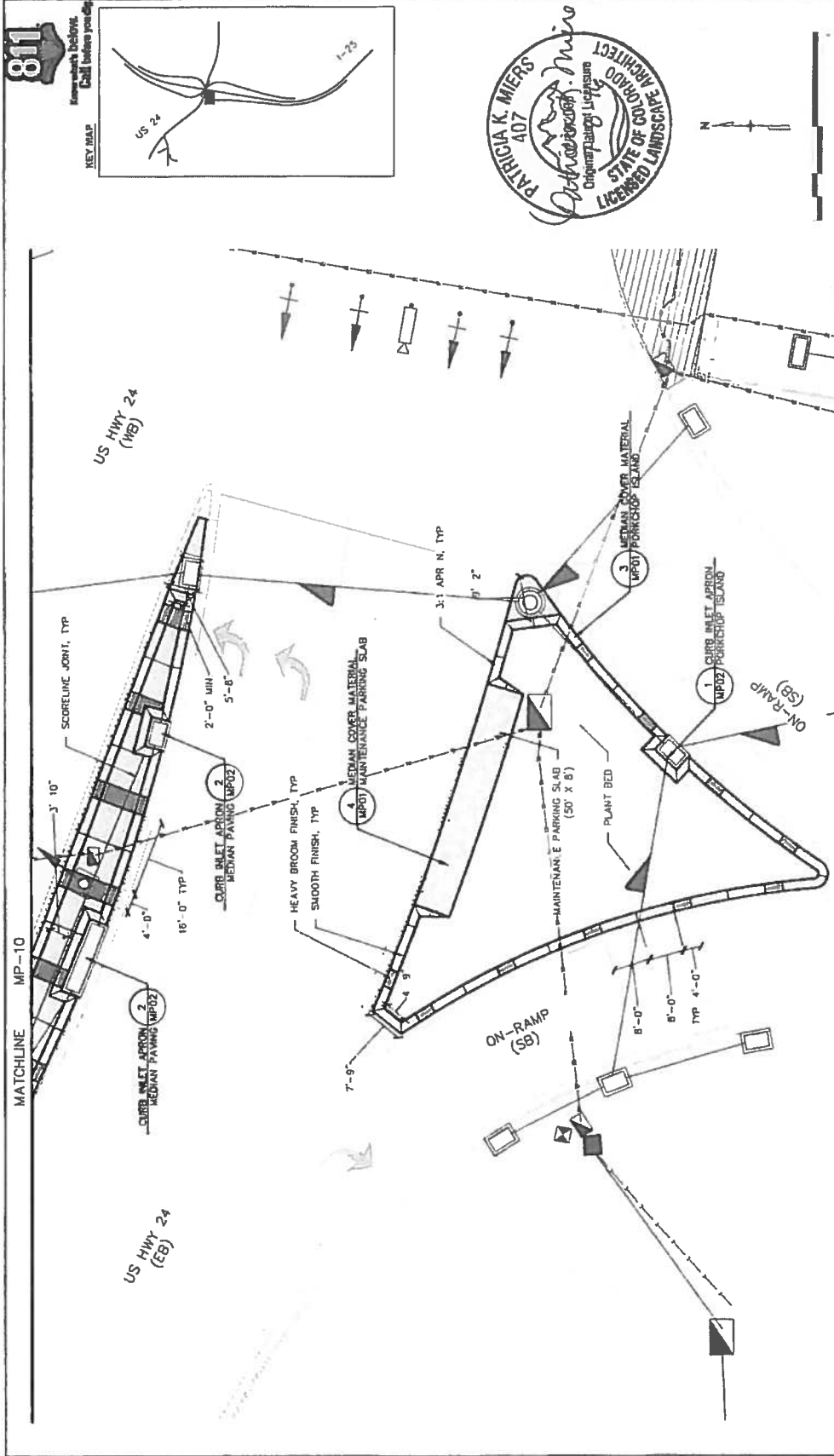
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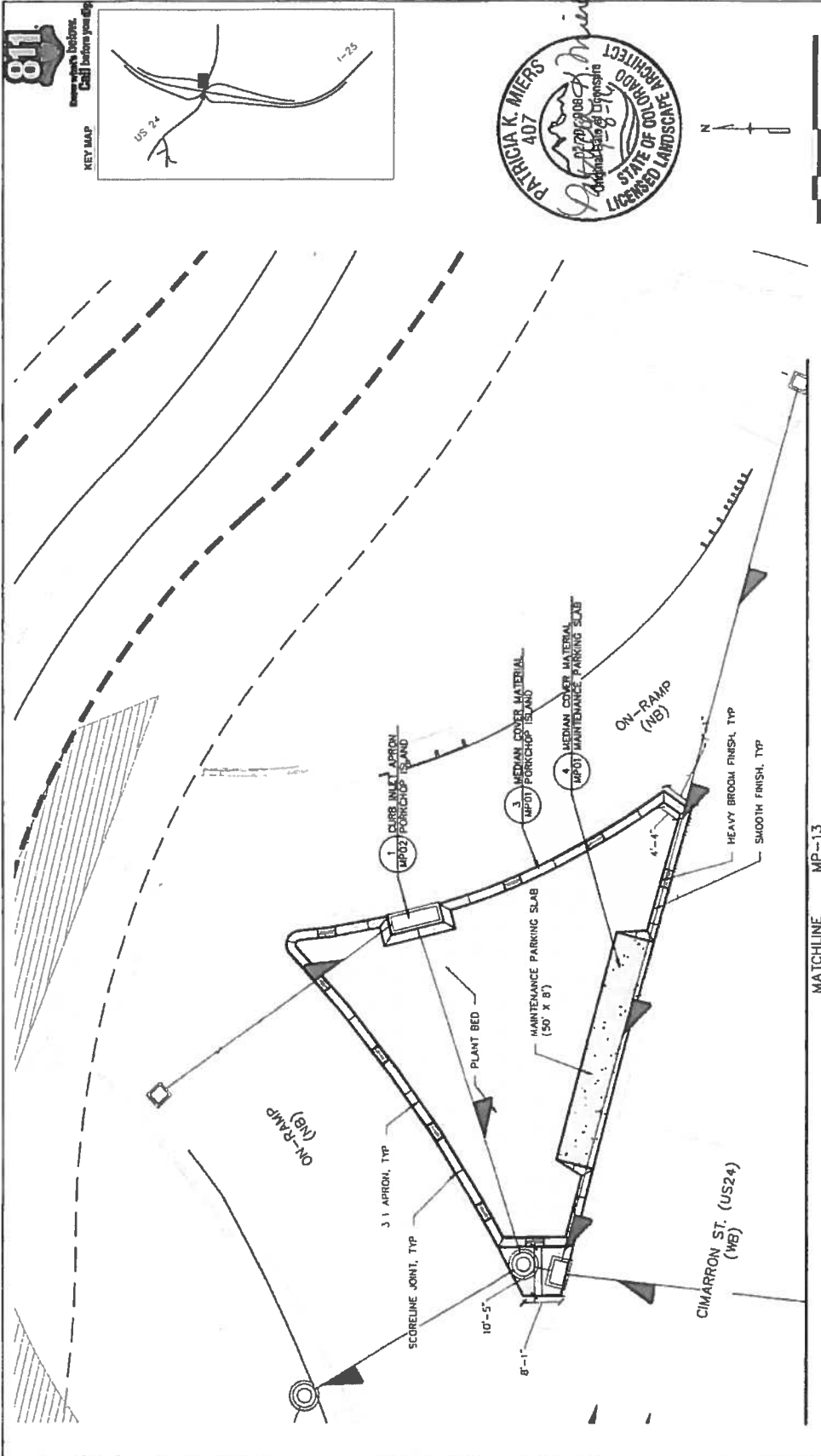
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 KEY MAP



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| Print Date: 7/5/2016 File Name: 19039_MedianPavingRFC.dwg Horiz. Scale: As Noted Vert. Scale: As Noted | | Sheet Revisions Date: _____ Init. _____ Comments: _____ _____ _____ _____ | | As Constructed No Revisions: Revised: Void: | | Project No./Code 19039 0252-423 | |
| Colorado Department of Transportation 1485 West Lake Loop, Suite A Colorado Springs, CO 80906 Phone: 719-534-2323 FAX 719-227-3298 | | | | Designer: Designer: Designer: | | Structure Numbers 19039 | |
| Region 2 | | | | DMW | | Sheet: Subrel LANDSCAPE Sheet: MP10 of 16 | |
| Title Block PROJECT NUMBER: 19039 PROJECT NAME: MEDIAN PAVING | | MATCHLINE MP-11 | | I-25/CIMARRON ST (US 24) INTERCHANGE SB OFF RAMP MEDIAN PAVING PLAN | | Project No./Code 19039 0252-423 | |



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| 0000 | | Region 2 DMW | | Designer: Detailer: Sheet Subsect: LANDSCAPE Subsect: UPT 01 16 Sheet Number: 24-51 | |
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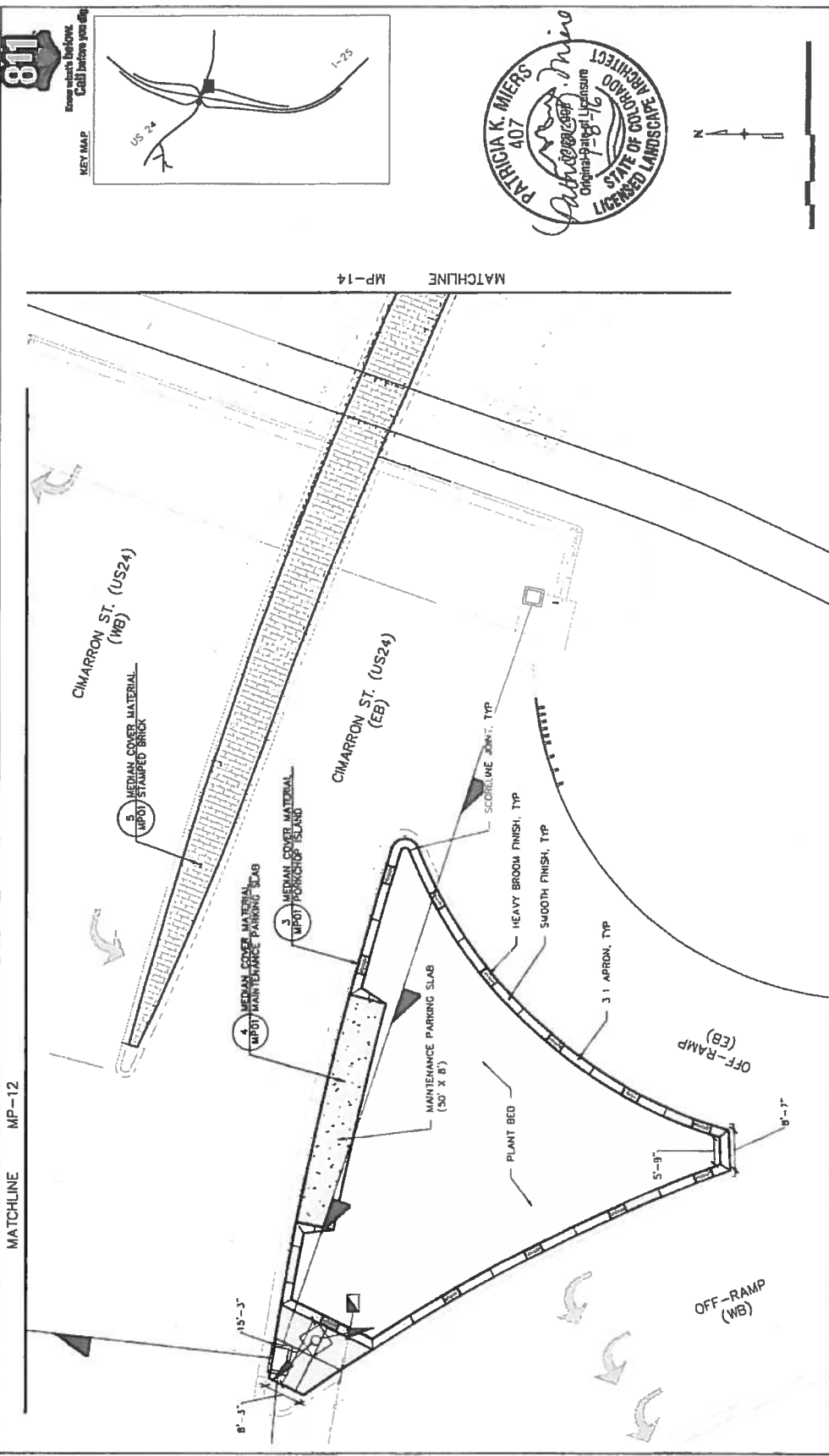


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| I-25/CIMARRON ST (US 24) INTERCHANGE NB ON RAMP MEDIAN PAVING PLAN | | Designer: | Structure Numbers: |
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| 811 Call Before you Dig | | Sheet Subset: LANDSCAPE Sheet: 16 of 16 | |

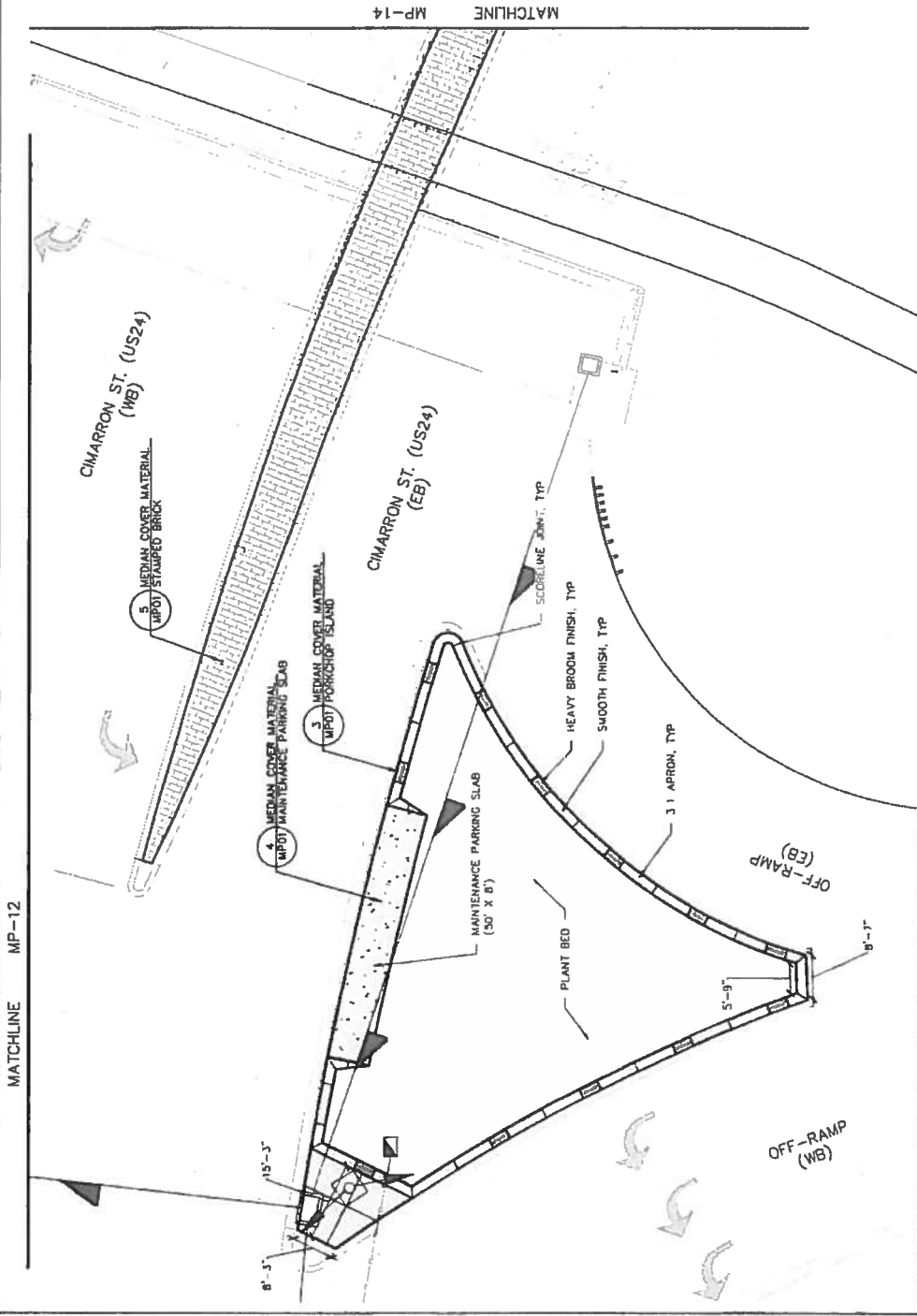
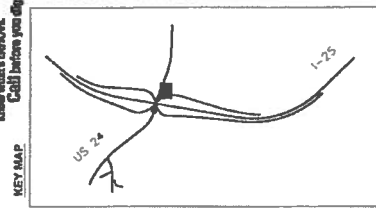
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MATCHLINE MP-13



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| Print Date: 7/5/2016 File Name: 19039_MedianPavingRFC.dwg Horiz. Scale: As Noted Ver. Scale: As Noted | 0000 | Sheet Revisions Date: _____ Comments: _____ Intl: _____ | Colorado Department of Transportation 1480 Quail Lake Loop, Suite A Colorado Springs, CO 80906 Phone 719-634-2323 FAX: 719-227-3298 Region 2 DMW | As Constructed No Revisions: Revised: Void: | I-25/CIMARRON ST (US 24) INTERCHANGE NB OFF RAMP MEDIAN PAVING PLAN Structure Numbers: Detailer: Sheet Subset LANDSCAPE, Subset Sheets: MP13 of 16 | Project No./Code 11 0252-423 19039 Sheet Number 24-53 |
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5 MEDIAN COVER MATERIAL
 IMPU STAMPED BRICK

CIMARRON ST. (US24)
 (MB)

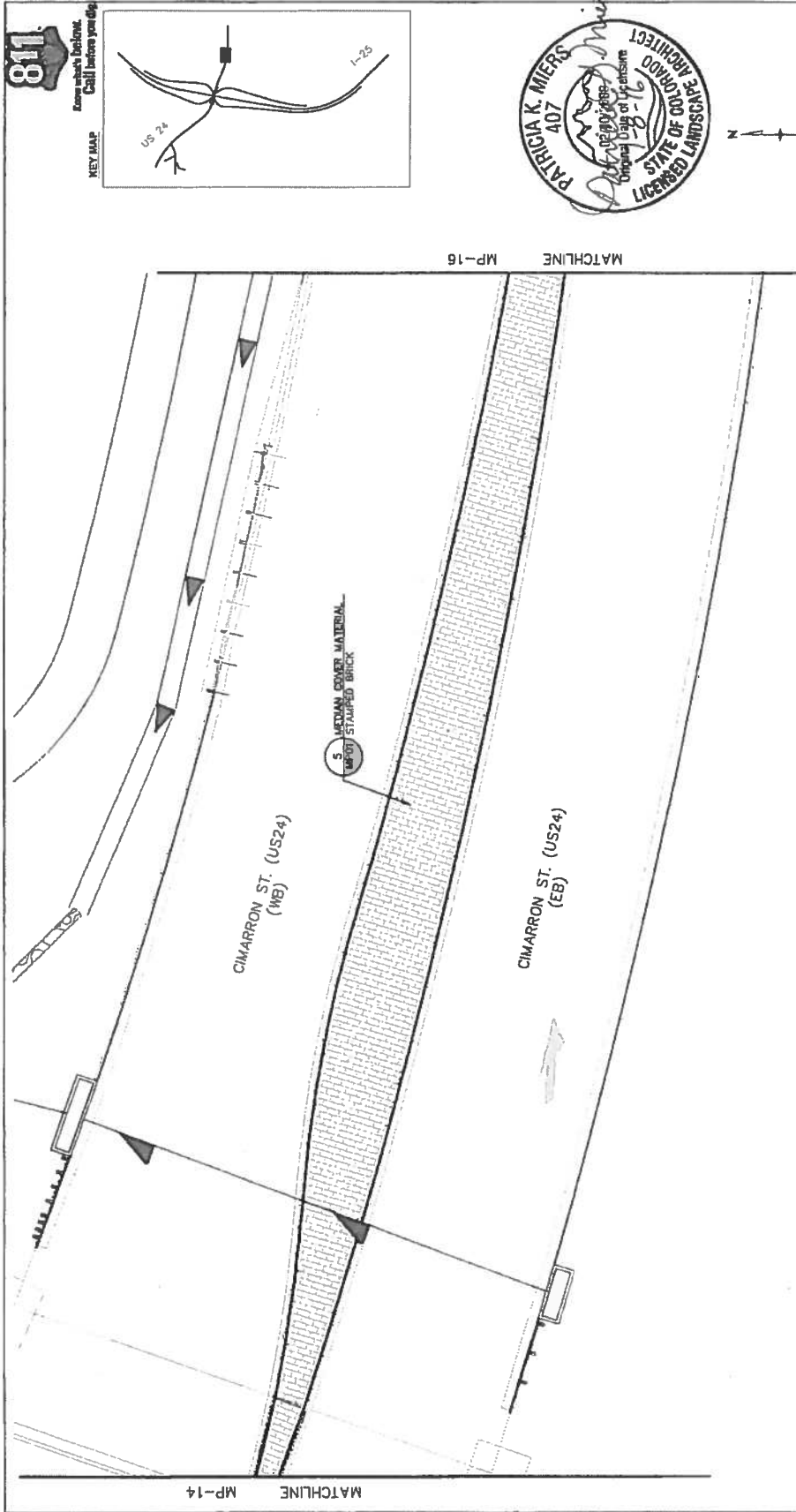
CIMARRON ST. (US24)
 (EB)



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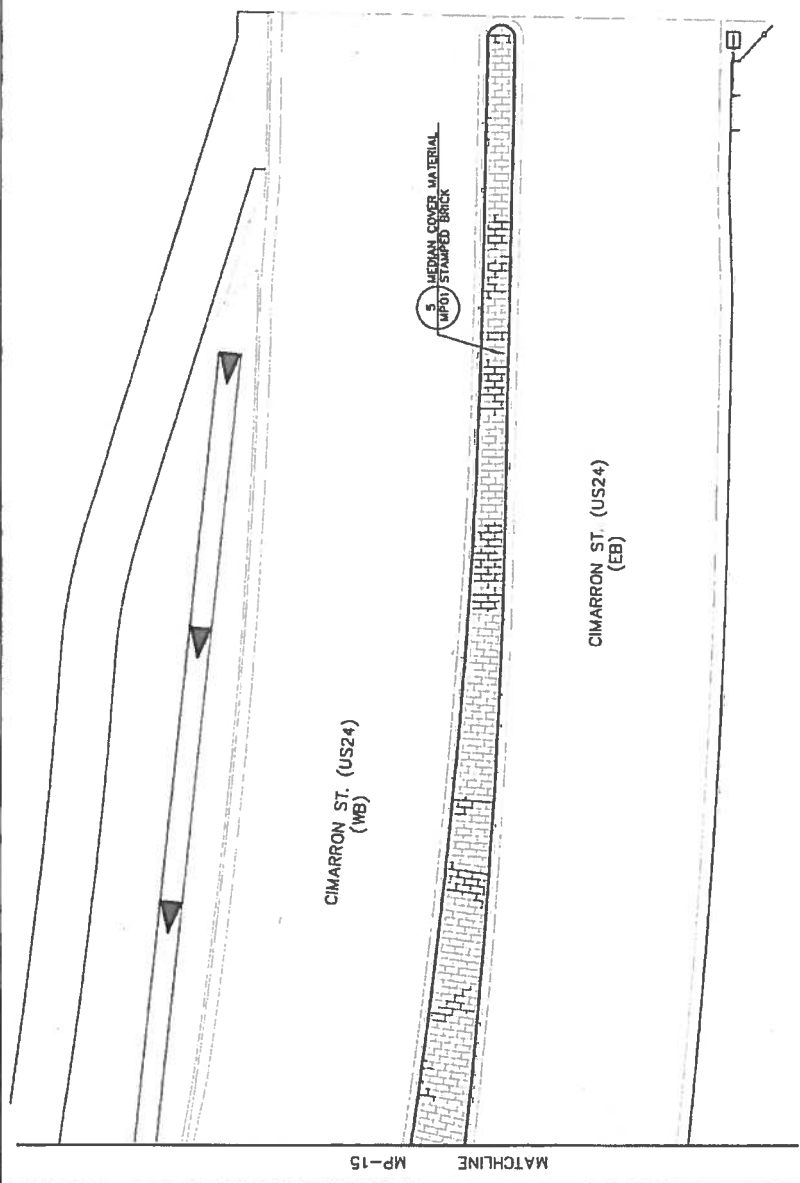
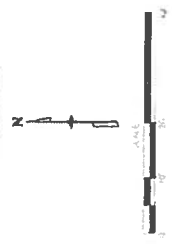
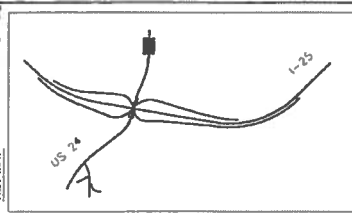
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| As Constructed No Revisions Revised: Void: | | Sheet Revisions Date: _____ Comments: _____ _____ _____ _____ | |
| I-25/CIMARRON ST (US 24) INTERCHANGE CIMARRON ST (US 24) MEDIAN PAVING PLAN | | Project No./Code M 0952-493 19039 | |
| Designer: Detaler: Sheet Subset: LANDSCAPE | | Structure Numbers Sheet Number: 24-54 | |



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| Print Date: 7/5/2016 | Colorado Department of Transportation | As Constructed | Project No./Code |
| File Name: 19039_MedianPavingRFC.dwg | Region 2 | No Revisions: | 1-25/CIMARRON ST (US 24) INTERCHANGE |
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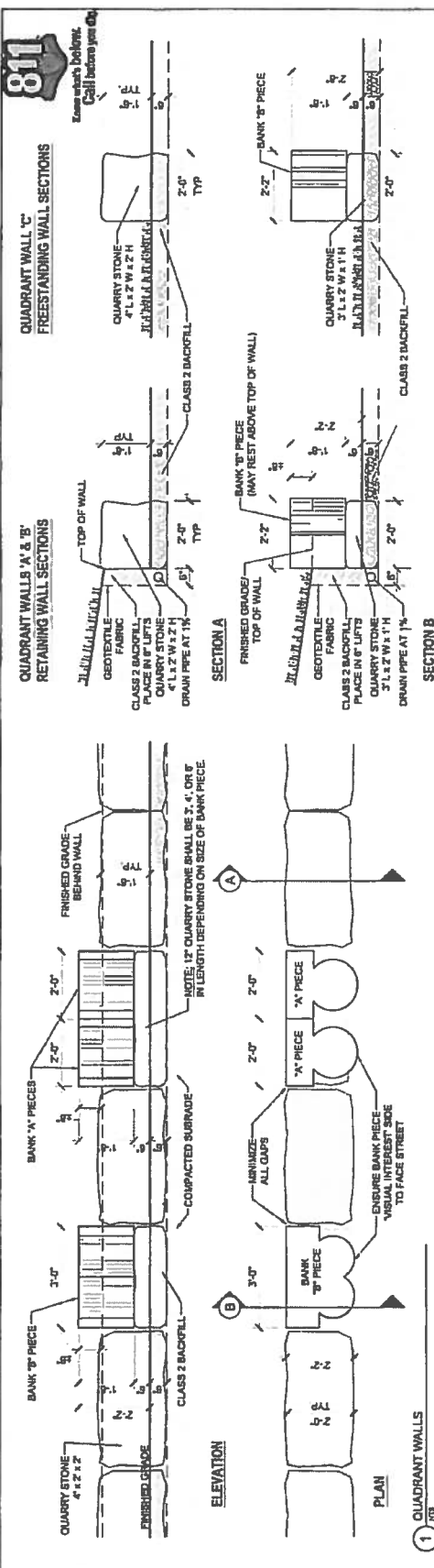
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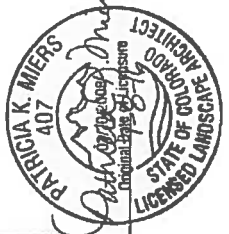
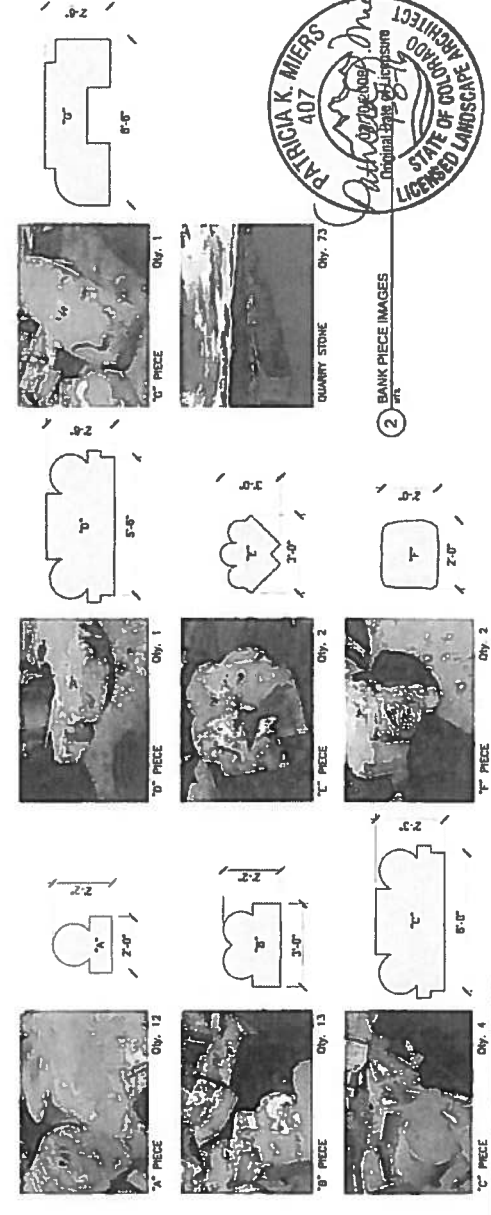
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| Sheet Revisions Date: _____ Comments: _____ _____ _____ _____ | 0000 | 0000 | Sheet Number: 24-56 |



QUADRANT WALL NOTES:

- QUADRANT WALLS 'A' AND 'B' LOCATED NORTH OF THE 8th ST CONNECTION WITH RETAINING WALLS QUADRANT WALL 'C' LOCATED SOUTH OF THE 8th ST CONNECTION ROADWAY SHALL BE A 18" RT FREESTANDING WALL.
- QUARRY STONE SHALL BE SLOAN QUARRY STONE BLOCKS (SLOAN STONE, 3' L x 2' W x 1' H) WITH A FINISH (C) OR A GOOD-APPROVED EQUIVALENT. QUARRY STONE SHALL BE CUT IN DIMENSIONS AS PROVIDED ON QUADRANT WALL PLANS (DWG 24-004).
- SET QUARRY STONE 6" BELOW FINISHED GRADE AS SHOWN IN ELEVATION DETAIL (DWG 24-001).
- FINISHED WALL HEIGHT IS ESTABLISHED UPON QUARRY STONE AND NOT BANK PIECES. BANK PIECES MAY RISE ABOVE TOP OF WALL.
- IF BANK PIECES ARE TO BE INCLUDED IN QUADRANT WALLS AND HAVE BEEN DAMAGED, THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER AND AN ALTERNATE OR NEAREST EQUIVALENT PIECE SHALL BE CHOSEN.
- THE CONTRACTOR SHALL ORDER BANK PIECES WITH PRIMARY VISUAL INTEREST TOWARD THE STREET AS SHOWN ON THE PLAN AND IN PLAN DETAIL (DWG 24-001). FINAL ORIENTATION OF BANK PIECES WILL REQUIRE APPROVAL BY THE PROJECT MANAGER.
- ALL BANK PIECE DIMENSIONS ARE APPROXIMATE. CONTRACTOR SHALL VERIFY DIMENSIONS IN THE FIELD.
- IF USABLE ADDITIONAL BANK PIECES ARE AVAILABLE PRIOR TO COMPLETION OF THE QUADRANT WALLS, THESE BANK PIECES SHALL BE USED IN PLACE OF BANK PIECES DAMAGED OR DEFECTIVE. THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER AND AN ALTERNATE OR NEAREST EQUIVALENT PIECE SHALL BE CHOSEN.

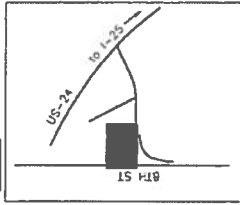


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| Print Date: 7/5/2016 File Name: 19039_QuadrantWallRFC.dwg Horiz. Scale: As Noted Vert. Scale: As Noted | 19039 SUBSET LANDSCAPE IRRIGATION | 1-25/CIMARRON ST (US 24) INTERCHANGE | Project No./Code 04 0352-023 |
| Sheet Revisions | Comments | As Constructed | QUADRANT WALL PLAN |
| Date: | | No Revisions | Structure Number: 1803 |
| | | Revised: | Drawer: 1803 |
| | | Void: | Sheet Number: 24-57 |
| | | | Sheet Subset: LANDSCAPE IRRIGATION |

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Colorado Springs, CO 80906
Phone: 719-634-2323 FAX: 719-227-3298
Region 2
DMW



KEY MAP



LAYOUT DATA - Quadrant Wall 'A'

| NO. | EXISTING (Y) | NOTHING (Y) | NOTES |
|-------|--------------|-------------|---------------------|
| QW-01 | 188934.3681 | | 84230.0510 WEST END |
| QW-02 | 188991.4889 | | 84211.5004 EAST END |

QUARRY STONE

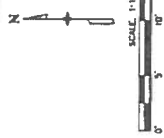
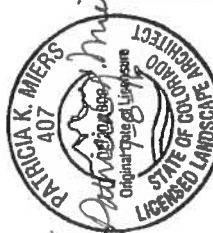
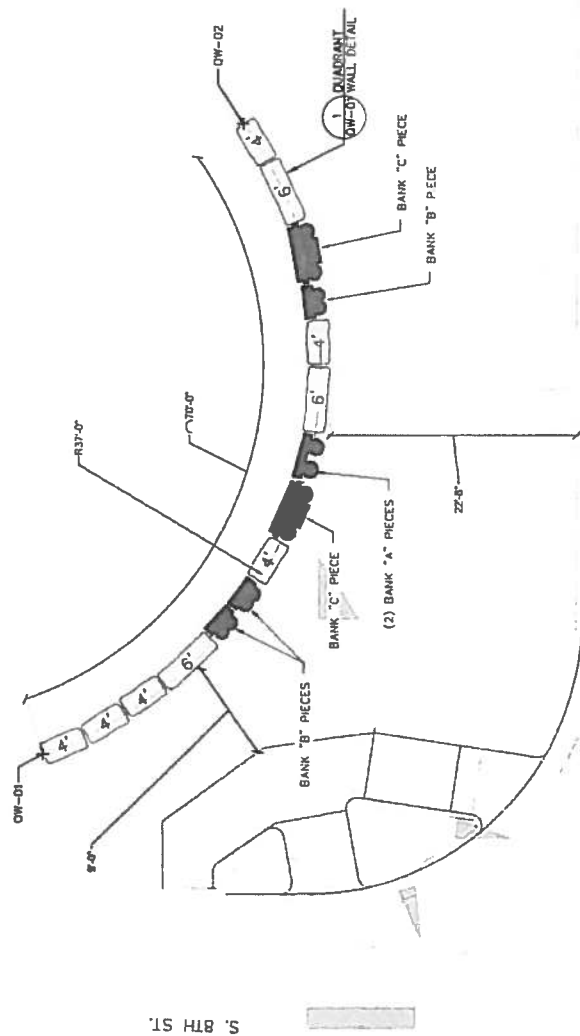
| ITEM/LENGTH | HEIGHT | QUANTITY |
|--------------------|--------|----------|
| 3" QUARRY STONE* | 12" | 3 |
| 4" QUARRY STONE** | 12" | 1 |
| 5" QUARRY STONE*** | 12" | 2 |
| 4" QUARRY STONE | 24" | 8 |
| 8" QUARRY STONE | 24" | 3 |

* PLACED BEHIND BANK PIECE 'B' AND 'C'.
 ** PLACED BEHIND BANK PIECE 'C'.
 *** PLACED BEHIND BANK PIECE 'C', 'D', 'E', AND 'F'.

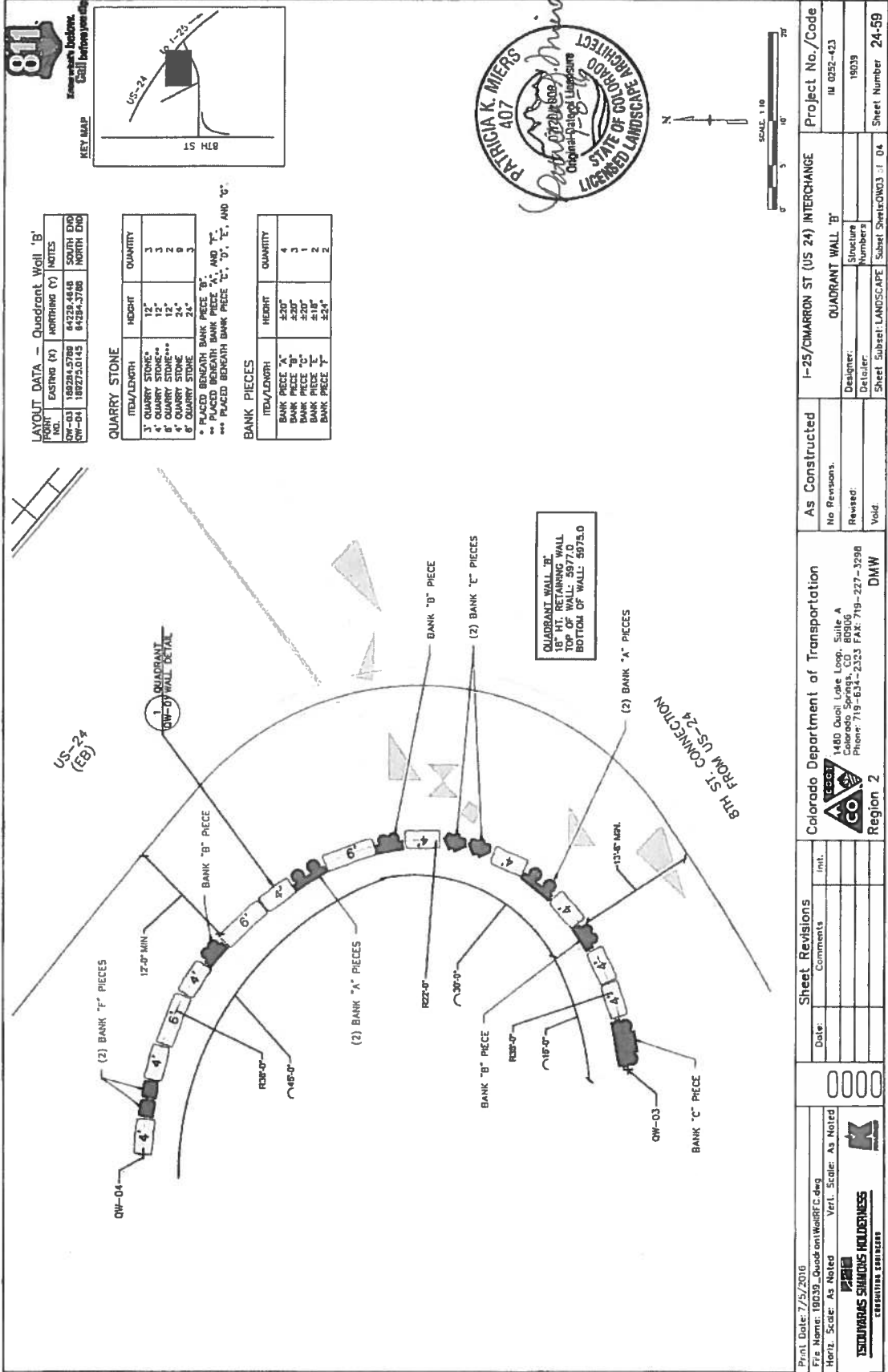
BANK PIECES

| ITEM/LENGTH | HEIGHT | QUANTITY |
|----------------|--------|----------|
| BANK PIECE 'A' | 230" | 2 |
| BANK PIECE 'B' | 230" | 3 |
| BANK PIECE 'C' | 230" | 2 |

QUADRANT WALL 'A'
 18" HT RETAINING WALL
 TOP OF WALL: 5978.5
 BOTTOM OF WALL: 5976.5



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| Print Date: 7/5/2016 File Name: 19039_QuadrantWallRFC.dwg Horiz. Scale: As Noted Verif. Scale: As Noted | Sheet Revisions Date: _____ Comments: _____ Int: _____ | Colorado Department of Transportation 1480 Quail Lake Loop, Suite A Colorado Springs, CO 80906 Phone: 719-631-2323 FAX: 719-227-3298 DMW Region 2 | As Constructed No Revisions: Revised: Void: | I-25/MARRON ST (US 24) INTERCHANGE QUADRANT WALL 'A' Designer: Detailer: Structure Numbers: Sheet Subst: LANDSCAPE Subst Sheet: DWD2 c. 04 | Project No./Code IM 0257-423 19039 Sheet Number 24-58 |
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LAYOUT DATA - Quadrant Wall 'b'

| ITEM | EASTING (X) | NORTHING (Y) | NOTES |
|-------|-------------|--------------|-----------|
| QW-03 | 189294.5789 | 84229.4848 | SOUTH END |
| QW-04 | 189273.0145 | 84284.3789 | NORTH END |

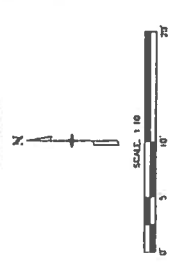
QUARRY STONE

| ITEM/LENGTH | HEIGHT | QUANTITY |
|-------------------|--------|----------|
| 3" QUARRY STONE* | 12" | 3 |
| 4" QUARRY STONE** | 12" | 2 |
| 6" QUARRY STONE** | 12" | 2 |
| 8" QUARRY STONE** | 24" | 9 |
| 6" QUARRY STONE | 24" | 3 |

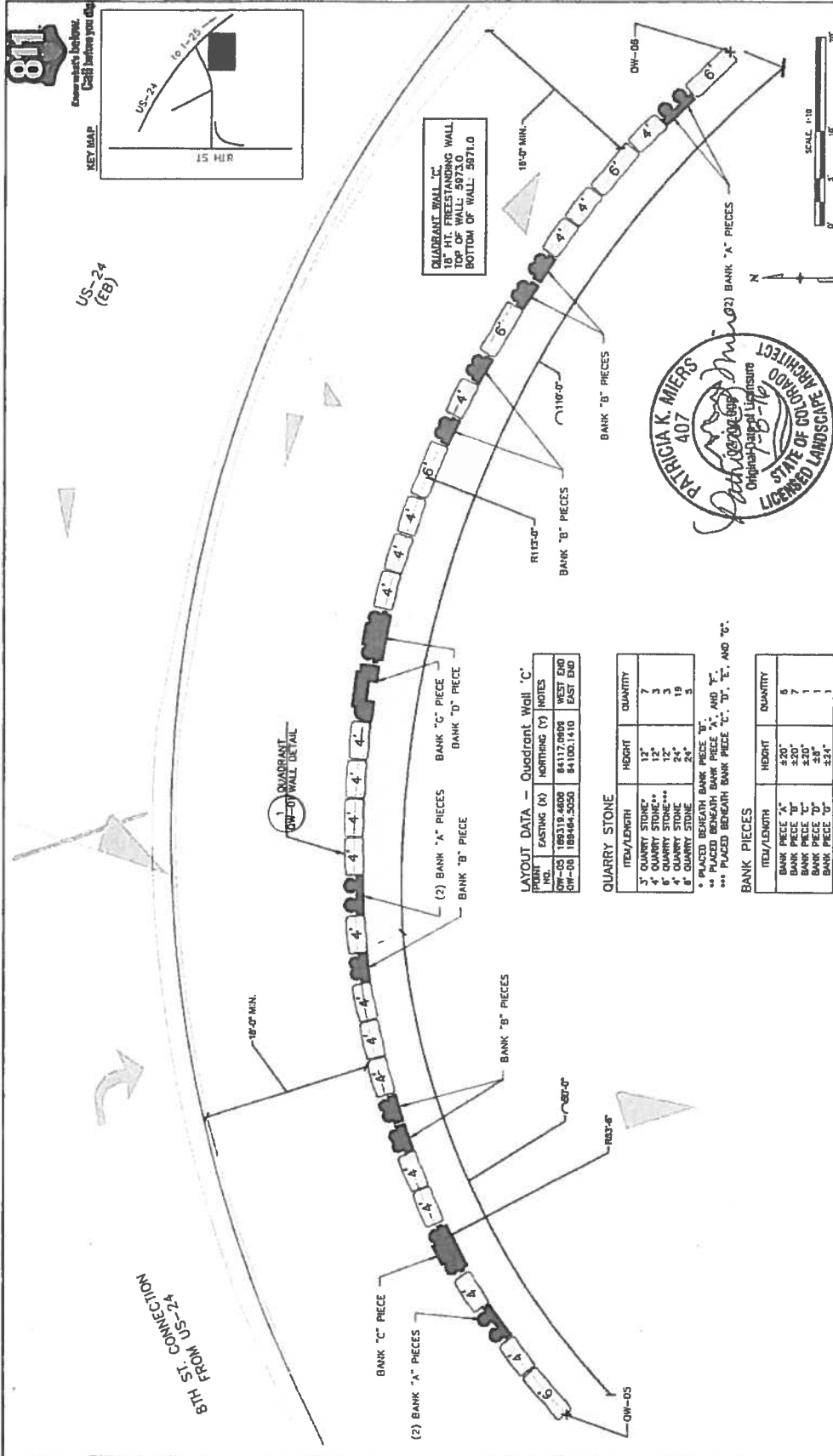
* PLACED BENEATH BANK PIECE 'B', AND 'E', AND 'G'.
 ** PLACED BENEATH BANK PIECE 'A', 'D', 'E', AND 'G'.
 *** PLACED BENEATH BANK PIECE 'C', 'D', 'E', AND 'G'.

BANK PIECES

| ITEM/LENGTH | HEIGHT | QUANTITY |
|----------------|--------|----------|
| BANK PIECE 'A' | ±20" | 4 |
| BANK PIECE 'B' | ±20" | 3 |
| BANK PIECE 'C' | ±20" | 1 |
| BANK PIECE 'D' | ±20" | 2 |
| BANK PIECE 'E' | ±24" | 2 |



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File Name: 19039_QuadrantWallRFC.dwg
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Region 2

DMW

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No Revisions:
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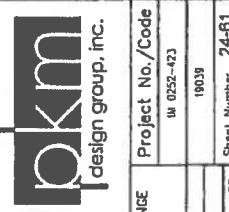
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Sheet Subset LANDSCAPE Subset Sheet-0904 of 04

Sheet Revisions

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ISOURBANS SHAPIRO HOLDINGS
CONSULTING ENGINEERS



1-25 CIMARRON DESIGN BUILD SB 40 TREE AND SHRUB INVENTORY

SENATE BILL 60 - RIPARIAN CORRIDOR NATIVE TREES

Table with columns: SURVEY AREA, TREE SPECIES, NATIVE, QUANTITY. Lists various tree species like Green Ash, Plains Cottonwood, etc.

SENATE BILL 60 - RIPARIAN CORRIDOR NATIVE SHRUBS

Table with columns: SURVEY AREA, SHRUB SPECIES, NATIVE, AREA (SF), QUANTITY. Lists various shrub species like Wild Rose, Green Ash, etc.

SENATE BILL 60 - RIPARIAN CORRIDOR NON-NATIVE TREES

Table with columns: SURVEY AREA, TREE SPECIES, NATIVE, QUANTITY. Lists various non-native tree species like Sherran Elm, Creek Willow, etc.

Non-Native Tree Replacement Policy is 4 Sawtooth Willow Stakes per Tree (4.5F per stake) 786 Trees x 4 Willow Stakes = 3,144 Willow Stakes (1,140 x 4.5F = 5,130 SF)

Summary table with columns: NATIVE, QUANTITY, TOTAL. Totals: 16, 7, 18, 51, 139, 13, 112, 70, 6, 6, 1, 10, 9, 785, 3,140.

WOODY PLANTS TABLE

Table with columns: BOTANICAL NAME, COMMON NAME, SIZE, SPACING, COMMENTS. Lists plants like Populus deltoides, Salix amygdaloides, etc.

* 88 FC and 55 PLW will be planted within the Upper Fountain Creek riparian area. 12 FC and 13 PLW will be planted along Monument Creek in areas as designated by the Project Engineer.

WOODY PLANTS TABLE NOTE

ALL WOODY DECIDUOUS SHRUBS ARE COLORADO DEER RESISTANT AND ROCKY MOUNTAIN KERISCAPE PLANTS AND HAVE BEEN CHOSEN TO LIMIT WILDLIFE FORAGING WITHIN THE RIPARIAN CORRIDOR

SEEDING (NATIVE RIPARIAN GRASS, FORB AND SHRUB)

Table with columns: BOTANICAL NAME, COMMON NAME, USIP ACRE, USIP. Lists seed types like Fourplex Cameraria, Rhus tylosa, etc.

FOR REFERENCE ONLY: SEEDING (NATIVE UPLAND)

Table with columns: BOTANICAL NAME*, COMMON NAME, USIP ACRE, USIP. Lists seed types like Dalea purpurea, Penstemon strictus, etc.

* Nomenclature follows City of Colorado Springs Drainage Criteria Manual. ** RATES ARE FOR GRILLED DOUBLE P HAND BROADCASTED.



SB 40 MITIGATION NOTES:

PRECONSTRUCTION MEETINGS:
 PRIOR TO RIPARIAN CONSTRUCTION COMMENCING A PRECONSTRUCTION MEETING SHALL OCCUR ON SITE BETWEEN THE PROJECT ENGINEER, CONTRACTOR, PROJECT LANDSCAPE ARCHITECT, AND PROJECT WETLAND BIOLOGIST. AT THIS MEETING THE FOLLOWING WILL BE DISCUSSED:

A. PERMITS

B. ACCESS AREAS
 C. PROTECTION OF EXISTING WOODY AND NON-WOODY VEGETATION AND WETLANDS, INCLUDING FLAGGING AREAS TO BE PROTECTED WITH PLASTIC FENCE (REFER TO PHASING PLANS FOR LOCATIONS OF PLASTIC FENCE).

RIAPARIAN, RIVER AND WETLAND PROTECTION AND CONSTRUCTION:

PRIOR TO CONSTRUCTION COMMENCING THE CONTRACTOR SHALL PLACE PLASTIC FENCE TO PROTECT EXISTING VEGETATION (TREES, SHRUBS AND WETLANDS) NOT TO BE DISTURBED AND TO DELINEATE ACCESS AREAS TO LIMIT CONSTRUCTION TRAFFIC. NO DISTURBANCE OF SOIL OR STOCKPILING OF MATERIALS SHALL OCCUR WITHIN PROTECTED AREAS.

CLEARING AND GRUBBING OF SHRUBS AND VEGETATION THAT MAY DISTURB GROUND NESTING BIRDS SHALL BE COMPLETED BEFORE NESTING OR AFTER YOUNG HAVE FLEDGED. IF WORK ACTIVITIES ARE PLANNED BETWEEN APRIL 1 AND AUGUST 31, VEGETATION SHALL BE TRIMMED TO A HEIGHT OF SIX INCHES OR LESS PRIOR TO APRIL 1. ONCE VEGETATION HAS BEEN REMOVED AND/OR TRIMMED, APPROPRIATE MEASURES MUST BE IMPLEMENTED TO ENSURE VEGETATION DOES NOT GROW MORE THAN SIX INCHES.

PRIOR TO WORKING IN LIVE WATER, ANY HEAVY EQUIPMENT OR GEAR (BOOTS, WADERS, TOOLS, ETC.) THAT ARE TO BE USED IN OR NEAR THE WATERS ON THE PROJECT THAT WERE PREVIOUSLY IN ANOTHER STREAM, RIVER, LAKE, POND OR WETLANDS WITHIN 10 DAYS OF INITIATING WORK SHALL BE TREATED WITH ONE OF THE FOLLOWING PROCEDURES TO PREVENT THE SPREAD OF NEW ZEALAND MUD SNAILS AND OTHER AQUATIC HITCHHIKERS:

1. REMOVE ALL MUD AND DEBRIS FROM EQUIPMENT AND KEEP EQUIPMENT DRY FOR AT LEAST 10 DAYS OR
2. REMOVE ALL MUD AND DEBRIS FROM EQUIPMENT AND SPRAY/SOAK EQUIPMENT WITH A 1:1 SOLUTION OF FORMALDA 409 HOUSEHOLD CLEANER AND WATER OR QUAT 4 OR SUPER HOQ NEUTRAL INSTITUTIONAL CLEANER (5 QUINCES PER GALLON OF WATER). TREATED EQUIPMENT MUST BE KEPT MOIST FOR AT LEAST 10 MINUTES, OR
3. REMOVE ALL MUD AND DEBRIS FROM EQUIPMENT AND SPRAY/SOAK EQUIPMENT WITH WATER TEMPERATURE GREATER THAN 120 DEGREES FAHRENHEIT FOR AT LEAST 10 MINUTES.

WETLAND PROTECTION, WILLOW CUTTING AND COTTONWOOD POLE PLANTING

WETLAND AREAS TEMPORARILY IMPACTED UNDER ACCESS AND CONSTRUCTION ROADS SHALL BE PROTECTED WITH GEOTEXTILE FABRIC. PRUNE WILLOWS AND TREES TO GROUND LEVEL PRIOR TO PLACEMENT OF GEOTEXTILE. ABOVE THE FABRIC PLACE 12 INCHES OF LOOSE STRAW AND MINIMUM OF 2 FT. OF EMBANKMENT. AFTER CONSTRUCTION ACTIVITIES ARE COMPLETE, SOIL, STRAW AND GEOTEXTILE SHALL BE CAREFULLY REMOVED, AS DIRECTED. THE FINAL LIFT SHALL BE REMOVED USING A TOOTHLESS BACKHOE. STRAW AND GEOTEXTILE BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. EXCESS FILL SHALL NOT BE WASTED IN WETLAND OR FLOODPLAIN AREA. STRAW AND GEOTEXTILE AND REMOVAL OF STRAW AND GEOTEXTILE SHALL BE INCLUDED IN THE PRICE OF THE WORK.

IT IS ESTIMATED THAT 3,140 SANDBAR WILLOW CUTTINGS WILL BE REQUIRED ON THE PROJECT. ALL WILLOW STAKES SHALL BE PLACED IN AREAS WITH A MINIMUM OF 1 FT. OF SOIL. IT IS ESTIMATED THAT 80 COTTONWOOD AND 68 PEACHLEAF WILLOW (DORMANT LOG CUTTINGS) WILL BE REQUIRED ON THE PROJECT WITHIN THE FOUNTAIN CREEK AND UPPER FOUNTAIN CREEK SECTIONS. AN ADDITIONAL 20 COTTONWOOD TREES WILL BE PLANTED ALONG MONUMENT CREEK IN AREAS DESIGNATED BY THE PROJECT LANDSCAPE ARCHITECT. TREE AND SHRUB PLANTINGS SHALL BE PLANTED IN THE AREAS AS SHOWN ON THE PLANS WITH PLANTING LOCATIONS AS STAKED IN THE FIELD BY THE PROJECT LANDSCAPE ARCHITECT. IMMEDIATELY AFTER PLANTING (SAME DAY) EACH TREE SHALL HAVE ANIMAL PROTECTION FENCE INSTALLED AS SHOWN IN THE DETAILS WITH COST OF ANIMAL PROTECTION INCLUDED IN THE COST OF THE TREE.

SEEDING AND PLANTING WILL BE REQUIRED FOR AREAS AS SHOWN ON THE PLANS. THE PLANTING AND SEEDING SITES SHALL BE VEGETATED BY PLACING WILLOW CUTTINGS ON 2' CENTERS THROUGHOUT THE DESIGNATED AREA. AREAS SHALL ALSO BE SEEDED WITH THE SEED MIX AS SHOWN IN THE SB40 PLANTING PLANS.

SEED APPLICATION: HAND BROADCAST AT DOUBLE THE SEEDING RATE AND MAKE .25 TO .5 INCHES INTO THE TOPSOIL. DO NOT HYDROSEED. SEED BAG LABELS SHALL CONFORM TO CURRENT STATE AND FEDERAL REGULATIONS. ALL SEED BAG LABELS SHALL BE SAVED AND PROVIDED TO THE OWNER'S CONSTRUCTION MANAGER (OR PROJECT MANAGER).

ALL PLANTS ARE TO BE EXAMINED UPON ARRIVAL BY WETLAND BIOLOGIST OR PROJECT LANDSCAPE ARCHITECT TO ASSURE PROPER AND HEALTHY PLANTS. WOOD CHIP MULCH SHALL BE USED ON ALL TUBELING-1 QT. PLANT MATERIAL BUT SHALL NOT BE USED ON WILLOW AND COTTONWOOD CUTTINGS.

SB-40 RIPARIAN AND WETLAND PAY ITEMS

| PAY ITEM | DESCRIPTION | UNIT | QUANTITY |
|----------|----------------------------------|------|----------|
| 212 | SEEDING (RIAPARIAN) | AC | 2.54 |
| 212 | SEEDING (SHRUBS) | LB | 5.6 |
| 214 | DECIDUOUS SHRUB (TUBELING-1 QT.) | EA | 570 |
| 214 | WILLOW CUTTINGS | EA | 3,140 |
| 214 | DORMANT LOG CUTTING | EA | 168 |



Print Date: 7/5/2016
 File Name: 19039_SB_40RFC.dwg
 Horiz. Scale: As Noted
 Vert. Scale: As Noted

TSOURIBARIS SOLUTIONS HOLDINGS
 CONSULTING ENGINEERS

Colorado Department of Transportation
 1480 Duvall Loop, Suite A
 Colorado Springs, CO 80906
 Phone: 719-634-2323 FAX: 719-227-3298

Region 2
 DWV

As Constructed
 No Revisions:
 Revised:
 Void:

I-25/OMARRON ST (US 24) INTERCHANGE
 SB 40 NOTES AND DETAILS
 Designer: CS
 Checker: CS
 Structures Numbers
 Detailer: CS

Project No./Code
 IM 0292-473
 19039
 Sheet Number: 24-62
 Sheet: 5002 of 06



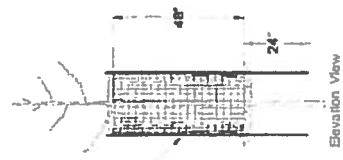
- DORMANT LOG CUTTING DETAIL (COTTONWOODS AND PEACH LEAF WILLOW)**
1. COLLECT DORMANT STEMS 12" LONG, GREATER THAN 3" IN DIAMETER AND CUT BASE AT 45° ANGLE
 2. TRIM TIP WITH A FLAT CUT AND PART TO REDUCE MOISTURE LOSS
 3. STORE BUTTS IN WATER OR WRAP IN WET BURLAP AT ALL TIMES
 4. PLANT IN SITES WITH SAND, GRAVEL OR SMALL COBBLES ABOVE AND IN THE WATER TABLE
 5. AUGER HOLES 6" IN DIAMETER TO THE DEPTH OF THE LOWEST ANTICIPATED GROUNDWATER WATER TABLE OR USE A "STREWER" TO POSE A HOLE LARGE AND DEEP ENOUGH FOR POLE PLANTINGS
 6. SCORE THE BASE OF THE STEMS
 7. PLACE POLE INTO HOLE WITH 3" ABOVE GROUND
 8. BACKFILL COMPACTLY WITH DRY SURFACE SOIL TO MINIMIZE FORMATION OF AIR POCKETS
 9. STAKE THE POLES TO PREVENT WIND DAMAGE
 10. MAINTAIN MOISTURE LEVELS ABOVE 4" HIGH FOR BEAVER. ALSO RESIST WIRE FENCING TO AVOID TANGLING OR IMPROVING IN GRASSING WADLIVE. TO BE PAID FOR AS COST OF TREE REPLACEMENT (DORMANT LOG CUTTINGS)

WILLOW CUTTINGS SHALL BE PLACED 2" O.C. IN THE SPRING WHILE DORMANT LOG CUTTINGS SHALL BE PLACED 12" O.C. TO PREVENT WILLOW CUTTINGS FROM WASHING DOWNSTREAM IN STORM EVENTS. HOLES SHALL BE 2' IN DIAMETER TO PREVENT WILLOW CUTTINGS FROM WASHING TO ENSURE NO AIR POCKETS REMAIN.

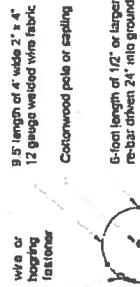


WILLOW CUTTING DETAIL AND NOTES
(Not to Scale)

WILLOW CUTTING DETAIL AND NOTES
NOT TO SCALE



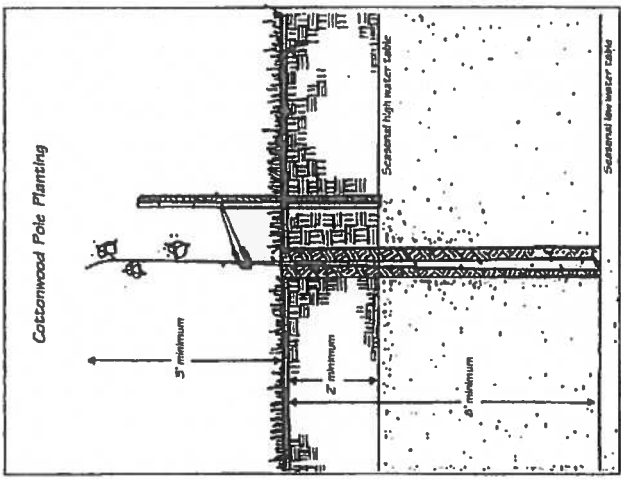
18" dia double wrapped beaver protection sleeve made from 3/5" length of 4" wide 12 gauge 2x4" welded wire fabric, fastened with wire or hoggings. Anchor sleeve upstream and downstream with 3 six foot lengths of # 4 or larger rebar, driven 2' into the soil and hog ringed or wired in two or three places to the sleeve



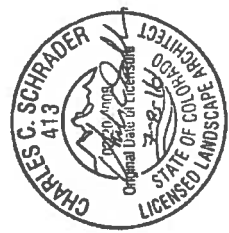
Flow of adjacent stream
Plan View

Beaver Protection Detail

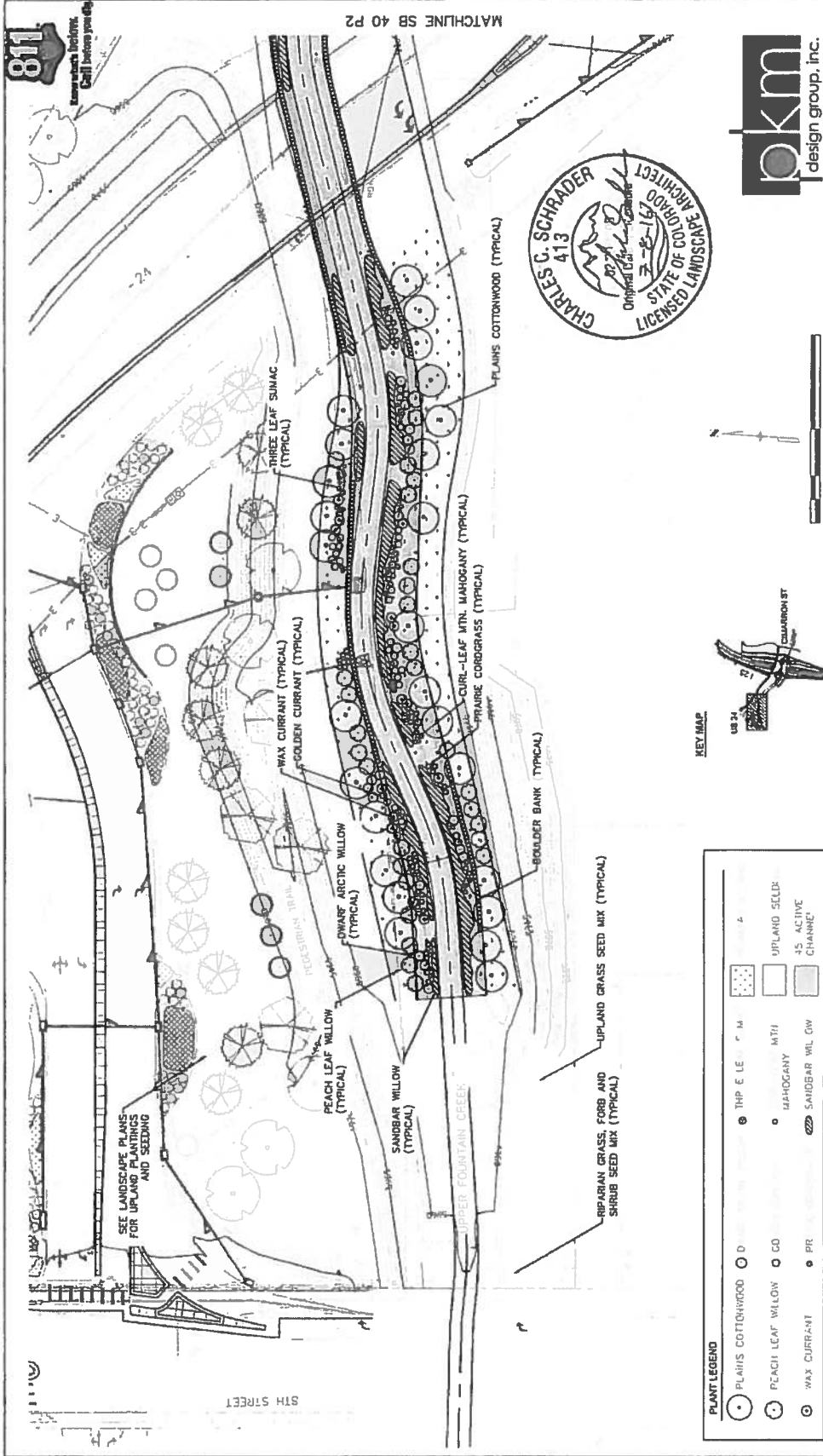
(Illustration adapted from: Urban Drainage and Flood Control District, Soil Bio-engineering or Shoreline Stabilization - Section 32.93.43, 03/2012)



Subsistent high water table
(Illustration adapted from U.S. EPA 1992)

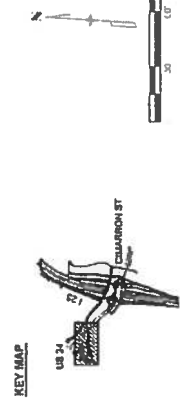


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| TSQUARIS SIGNING HOLDINGS | | | REGISTERED ENGINEERS | | | |
| Colorado Department of Transportation | | | Region 2 | | | |
| 1490 Quail Lake Loop, Suite A Colorado Springs, CO 80906 Phone: 719-634-2323 FAX 719-227-3298 | | | DMW | | | |
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| Sheet: SB40RFC | | | Sheet: SB40RFC | | | |
| Project No./Code | | | I-25/CHARRON ST (US 24) INTERCHANGE | | | |
| SB 40 NOTES AND DETAILS | | | SB 40 NOTES AND DETAILS | | | |
| Project No./Code | | | IU 0252-423 | | | |
| 19039 | | | 19039 | | | |
| Sheet Number | | | 24-63 | | | |



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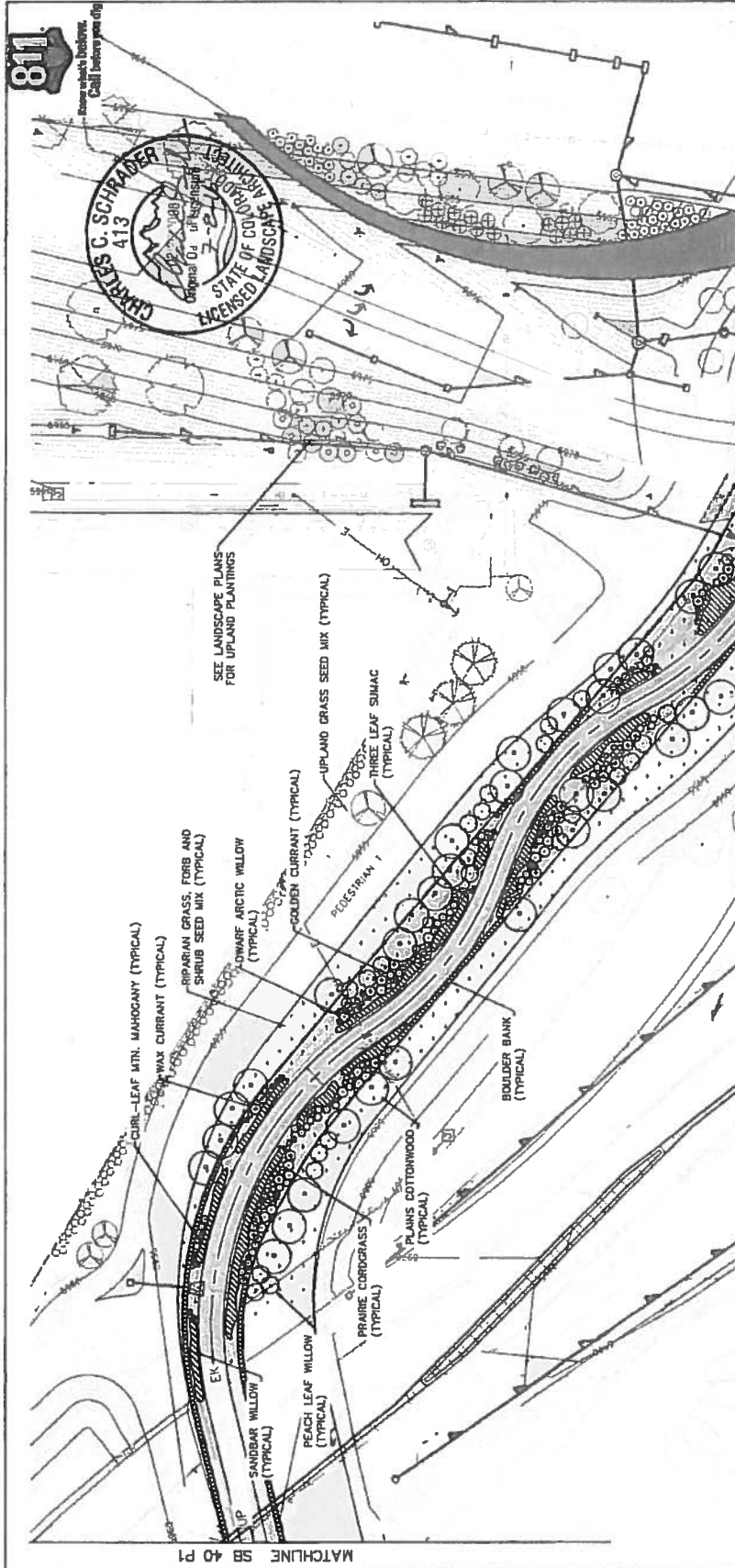
MATCHLINE SB 40 P2



PLANT LEGEND

| | | | | | | |
|---|-------------------|---|----|----------------|---|-------------------|
| ● | PLAINS COTTONWOOD | ○ | D | THP E LE | ■ | ▲ |
| ○ | PEACH LEAF WILLOW | ○ | CO | MAHOGANY | ■ | UPLAND SEED |
| ○ | WAX CURRANT | ○ | PR | SANDBAR WILLOW | ■ | 45 ACTIVE CHANNEL |

| | | |
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| Print Date: 6-30-2016 File Name: 19033_SB_40RF.C.dwg User: Scale As Noted Title: Scale As Noted | Colorado Department of Transportation 1480 Quail Lake Loop, Suite A Golden, Springs, CO 80601 Phone: 719-634-2125 Fax: 719-227-3708 | Project No./Code W 0032-423 19C.7 Designer: AB Detailer: CS Structure Number: Sheet Subrel: LANDSCAPE Subrel Sheet SB04 of 06 |
| Sheet Revisions Date Comments Init | Region 2 DMW | No Revisions Revised: Void: |
| TSUJIMARU SAKAMOTO HOLDINGS CONSULTING ENGINEERS | 0000 | Sheet Number 24-64 |



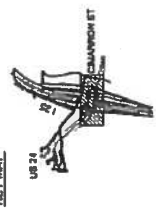
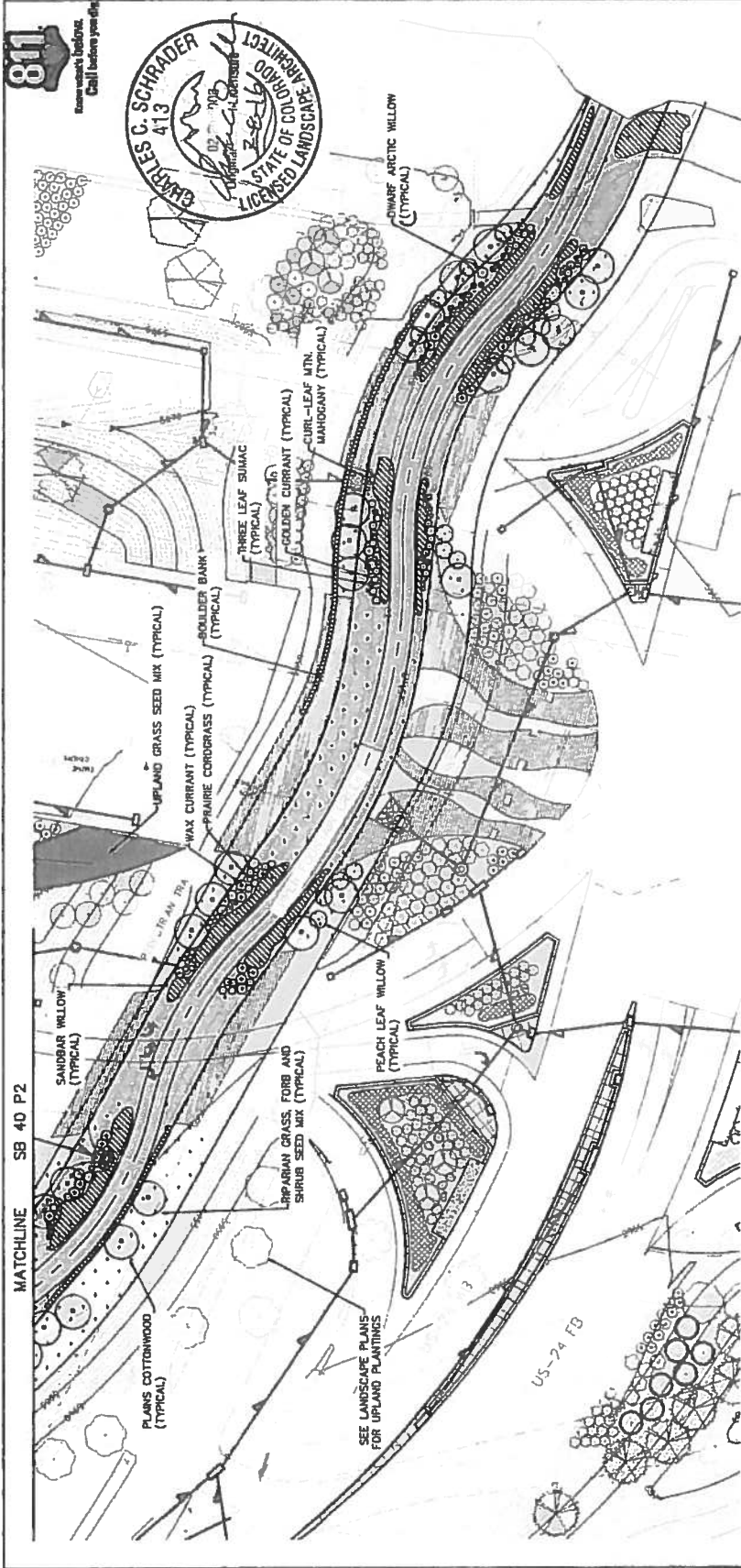
PLANT LEGEND

| | | | |
|----------|----------|----------|----------|
| (Symbol) | (Symbol) | (Symbol) | (Symbol) |
| (Symbol) | (Symbol) | (Symbol) | (Symbol) |
| (Symbol) | (Symbol) | (Symbol) | (Symbol) |

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|---|---|---|---|--|---|



TSOUVARAS SIMMONDS HOLDENNESS
CONSULTING ENGINEERS



PLANT LEGEND

- (with dot) - Upland Cottonwood (Typical)
- (with horizontal lines) - Saving Willow (Typical)
- (with vertical lines) - Upland Grass Seed Mix (Typical)
- (with diagonal lines) - Wax Currant (Typical)
- (with wavy lines) - Prairie Cordgrass (Typical)
- (with cross-hatch) - Shoulder Bank (Typical)
- (with stippling) - Three Leaf Sumac (Typical)
- (with dots) - Golden Currant (Typical)
- (with circles) - Curl-leaf Mt. Mandarin (Typical)
- (with triangles) - Dwarf Arctic Willow (Typical)
- (with squares) - Peach Leaf Willow (Typical)
- (with stars) - Liparum Grass, Forb and Shrub Seed Mix (Typical)

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| Sheet Revisions Date: _____ Comments: _____ | Colorado Department of Transportation 1480 Oxford Lane, Suite A Colorado Springs, CO 80906 Phone: 719.634.2323 FAX: 719.277.3298 DMW | Structure Number: _____ Detailer: CS Sheet Subset: LANDSCAPE Subset Sheet: SB05 of 06 |
| 0000 | Region 2 | Sheet Number: 24-85 |
| CREATED BY: JCS | | |



| ITEM | DESCRIPTION | UNIT | ESTIMATED QTY |
|------------|--|------|---------------|
| 618-40060 | 3/4 inch Copper Pipe | LF | 20 |
| 618-40180 | 2 inch Copper Pipe | LF | 20 |
| 618-50080 | 3/4 inch Plastic Pipe (Poly drip line) | LF | 18,895 |
| 618-50080 | 1 inch Plastic Pipe | LF | 34,770 |
| 618-50120 | 1-1/2 inch Plastic Pipe | LF | 8,480 |
| 618-50160 | 2 inch Plastic Pipe | LF | 2,985 |
| 618-50200 | 2-1/2 inch Plastic Pipe | LF | 1,040 |
| 618-50240 | 3 inch Plastic Pipe | LF | 0** |
| 618-50320 | 4 inch Plastic Pipe | LF | 140 |
| 618-50480 | 6 inch Plastic Pipe | LF | 20 |
| 618-71508 | 1 inch Air and Vacuum Valve | EA | 2 |
| 622-00164 | Drp Emittor | EA | 4,826 |
| 622-00165 | Emittor Valve Assembly | EA | 40 |
| 622-00206 | 6 inch Pop-Up Spray Sprinkler | EA | 16 |
| 622-00304 | 12 inch Pop-Up Rotary Sprinkler | EA | 685 |
| 622-00308 | 24 inch Pop-Up Rotary Sprinkler | EA | 333 |
| 622-00308 | 1 inch Pop-Up Rotary Sprinkler | EA | 118 |
| 622-000408 | 1 inch Quick-Coupler Valve | EA | 38 |
| 622-01912 | 1-1/2 inch Check Valve | EA | |
| 622-01708 | 3/4 inch Backflow Preventer | EA | 1 |
| 622-01716 | 2 inch Backflow Preventer | EA | 2 |
| 622-00208 | 3/4 inch Drain Valve | EA | 11 |
| 622-03108 | 1 inch Automatic Control Valve | EA | 58 |
| 622-03112 | 1-1/2 inch Automatic Control Valve | EA | 47 |
| 622-03118 | 2 inch Automatic Control Valve | EA | 17 |
| 622-05000 | Control Wire 24 Volt (with surge arrester) | LF | 10,610 |
| 622-04002 | Power Source Wire | LF | 175 |
| 622-005-12 | 1-1/2 inch Gate Valve | EA | 1 |
| 622-05016 | 2 inch Gate Valve | EA | 2 |
| 622-05024 | 3 inch Gate Valve | EA | 21 |
| 622-07008 | 3/4 inch Water Meter | EA | 1 |
| 622-07510 | Weather Station (rain sensor) | EA | 3 |
| 622-07601 | 1 inch Flow Sensor | EA | 2 |
| 622-07602 | 2 inch Flow Sensor | EA | 2 |
| 622-08196 | 98 Station Automatic Controller | EA | 3 |
| 622-08200 | Master Controller (Master Valve - 2 inch) | EA | 2 |
| 622-08201 | Master Controller (Master Valve - 1 inch) | EA | 1 |

** 3" pipe (baseline) was included in Irrigation steel plate

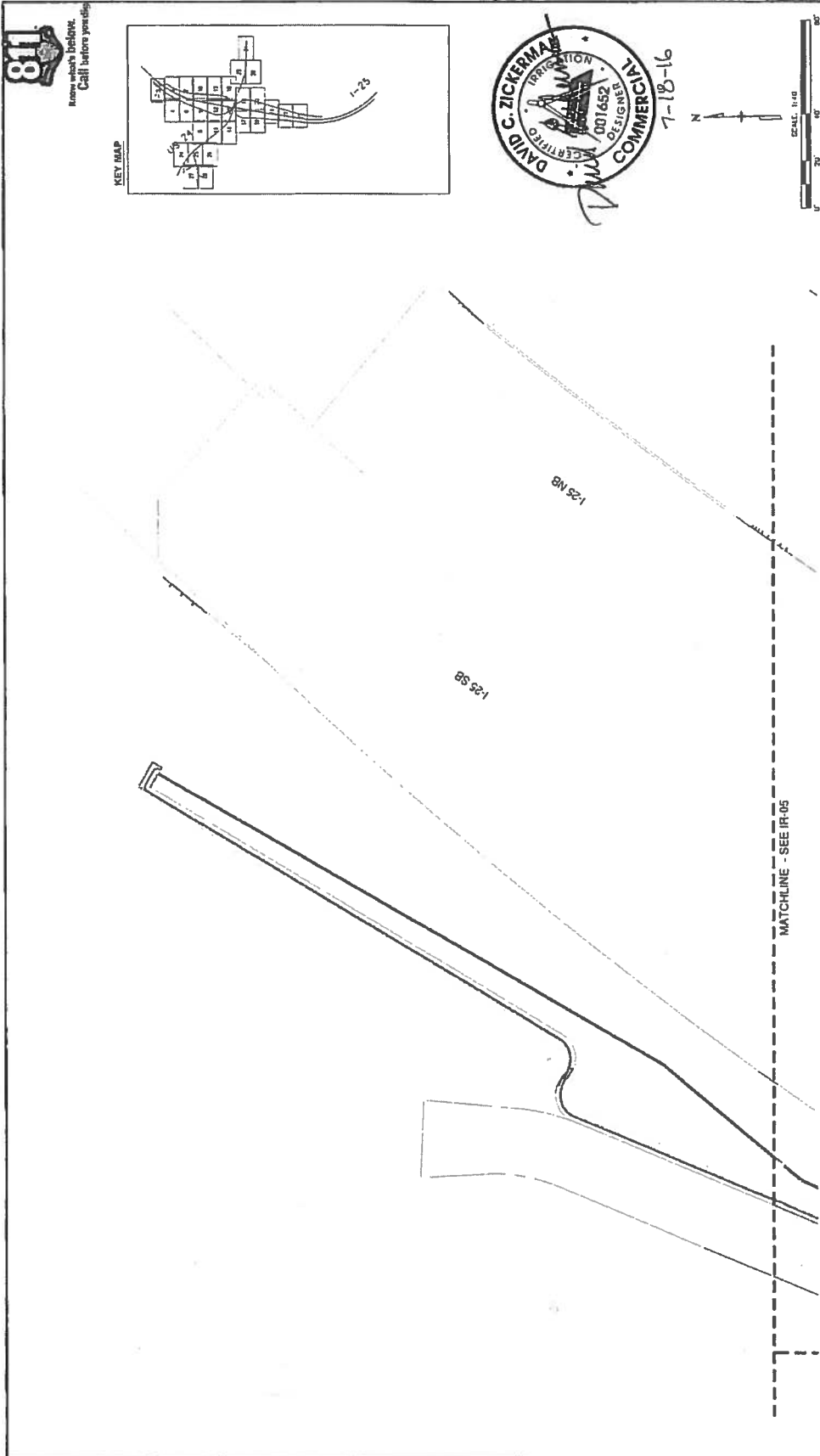


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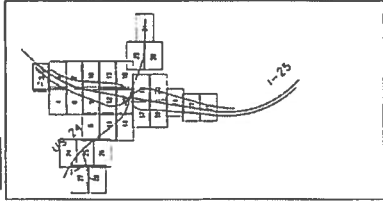
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| Scale: 1"=100' | | | 19039 |
| Scale: 1"=100' | | | Sheet Number 24-68 |
| Scale: 1"=100' | | | Sheet IR-2 of 37 |
| Scale: 1"=100' | | | Subst. Sheet IR-2 of 37 |

Colorado Department of Transportation
 SB&B
 1480 Quail Lake Loop, Suite A
 Colorado Springs, CO 80906
 Phone: 719-634-2323 FAX: 719-227-3298
 Region 2
 DMW

CREATING SOLUTIONS




KEY MAP

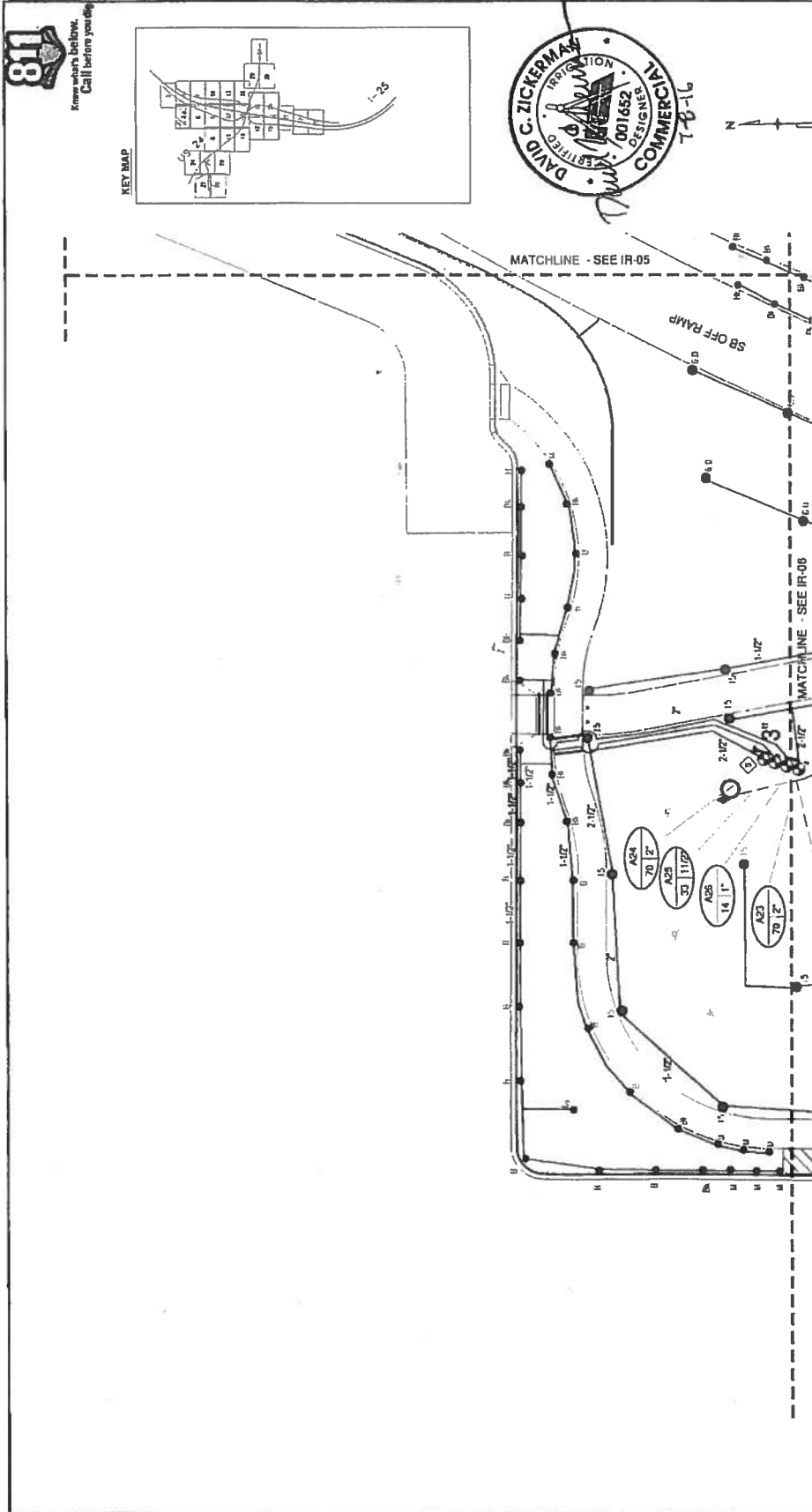


Know what's below.
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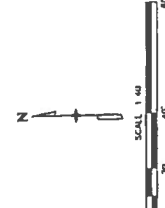
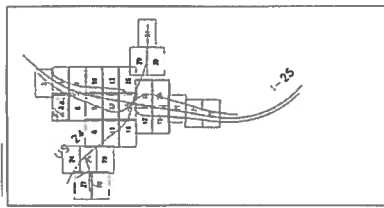


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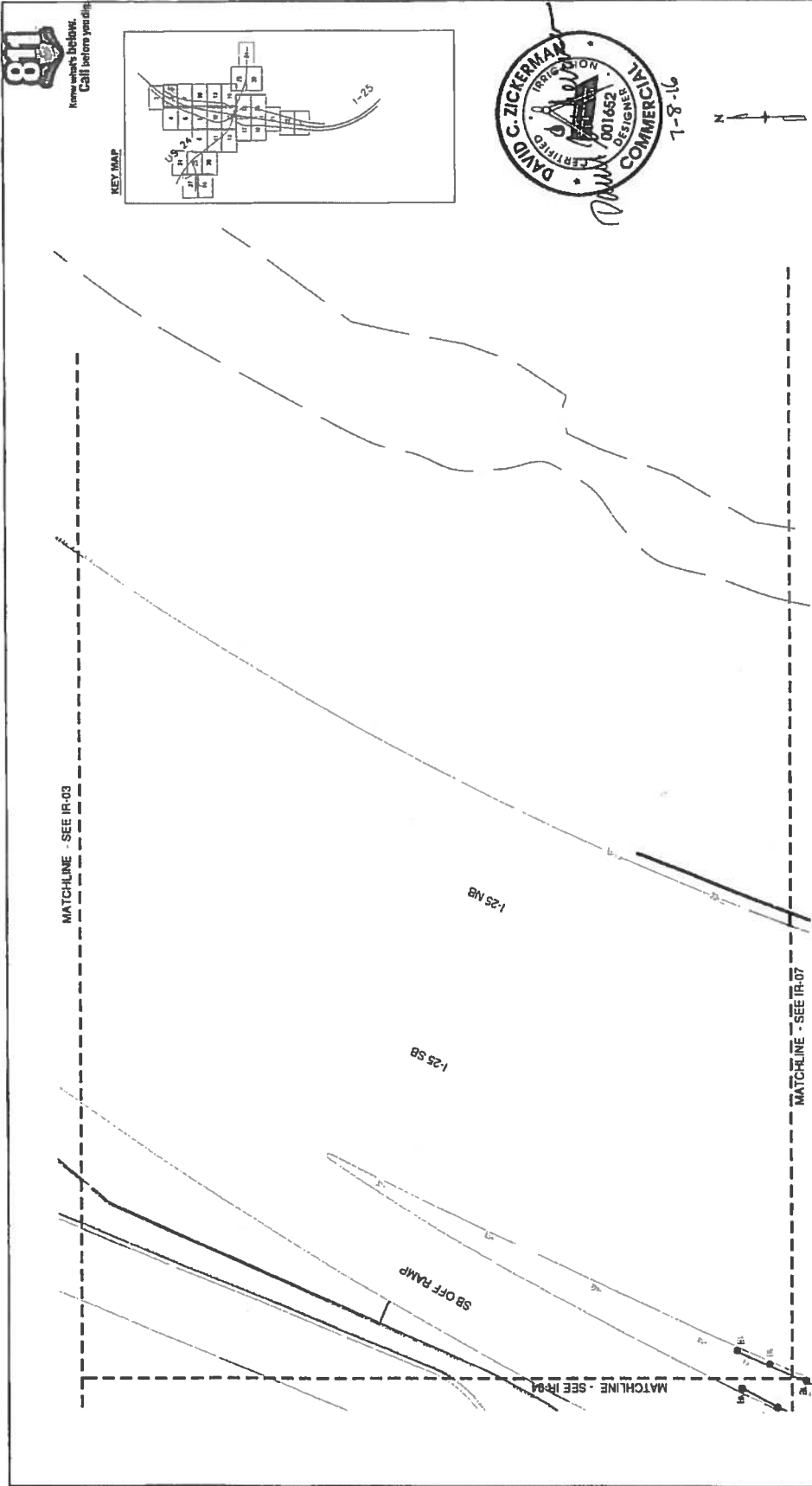
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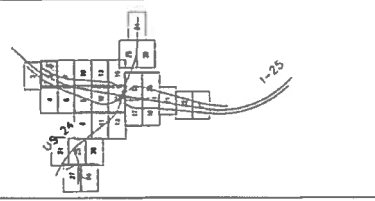
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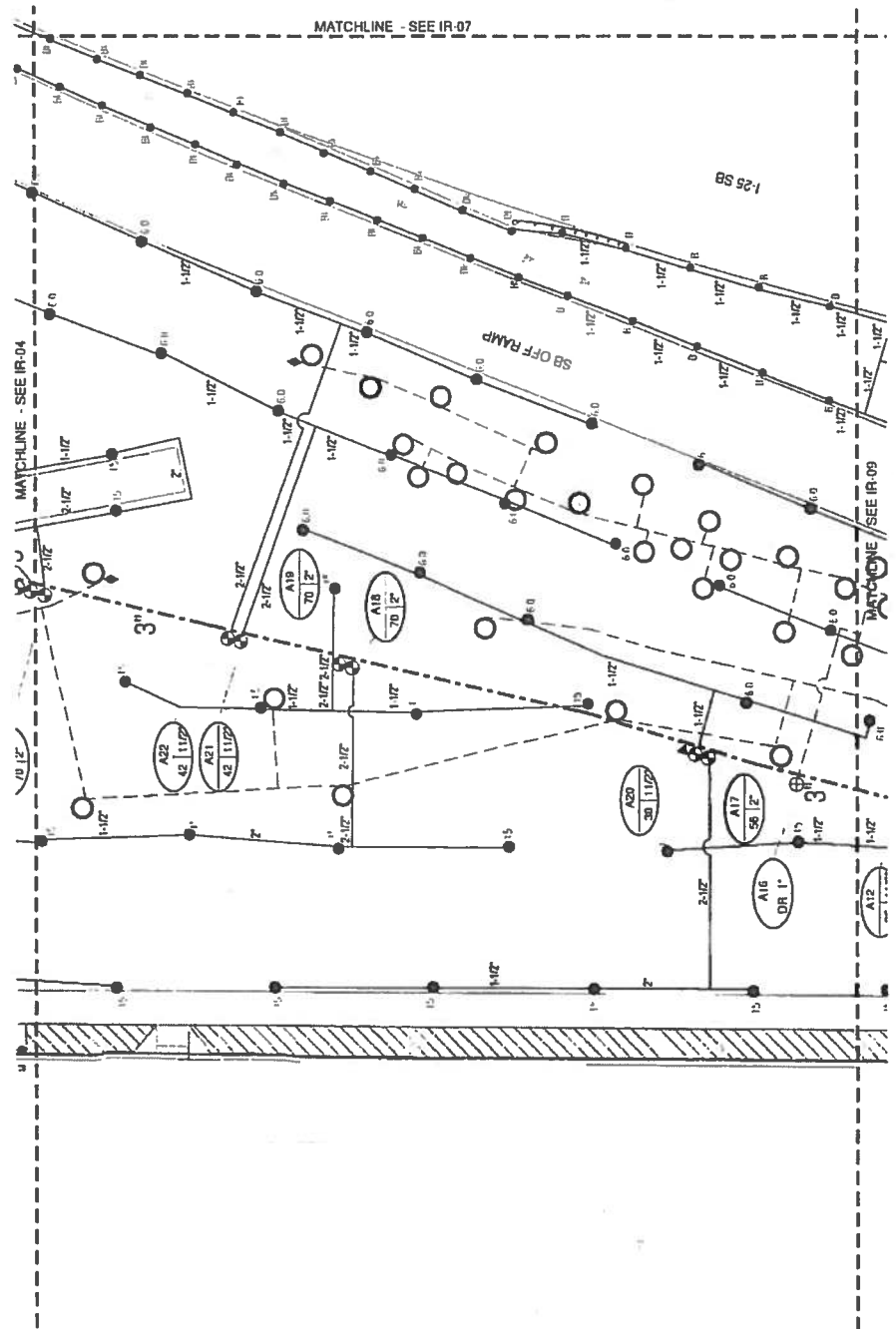
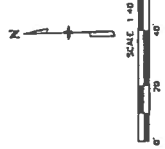
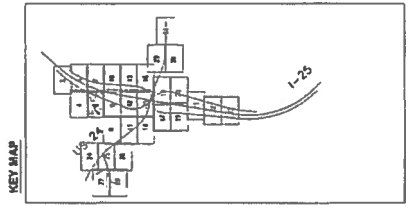
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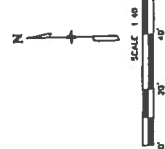
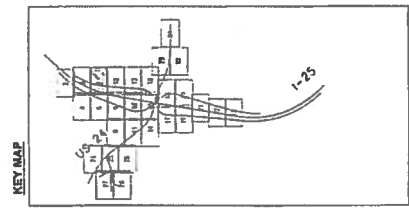
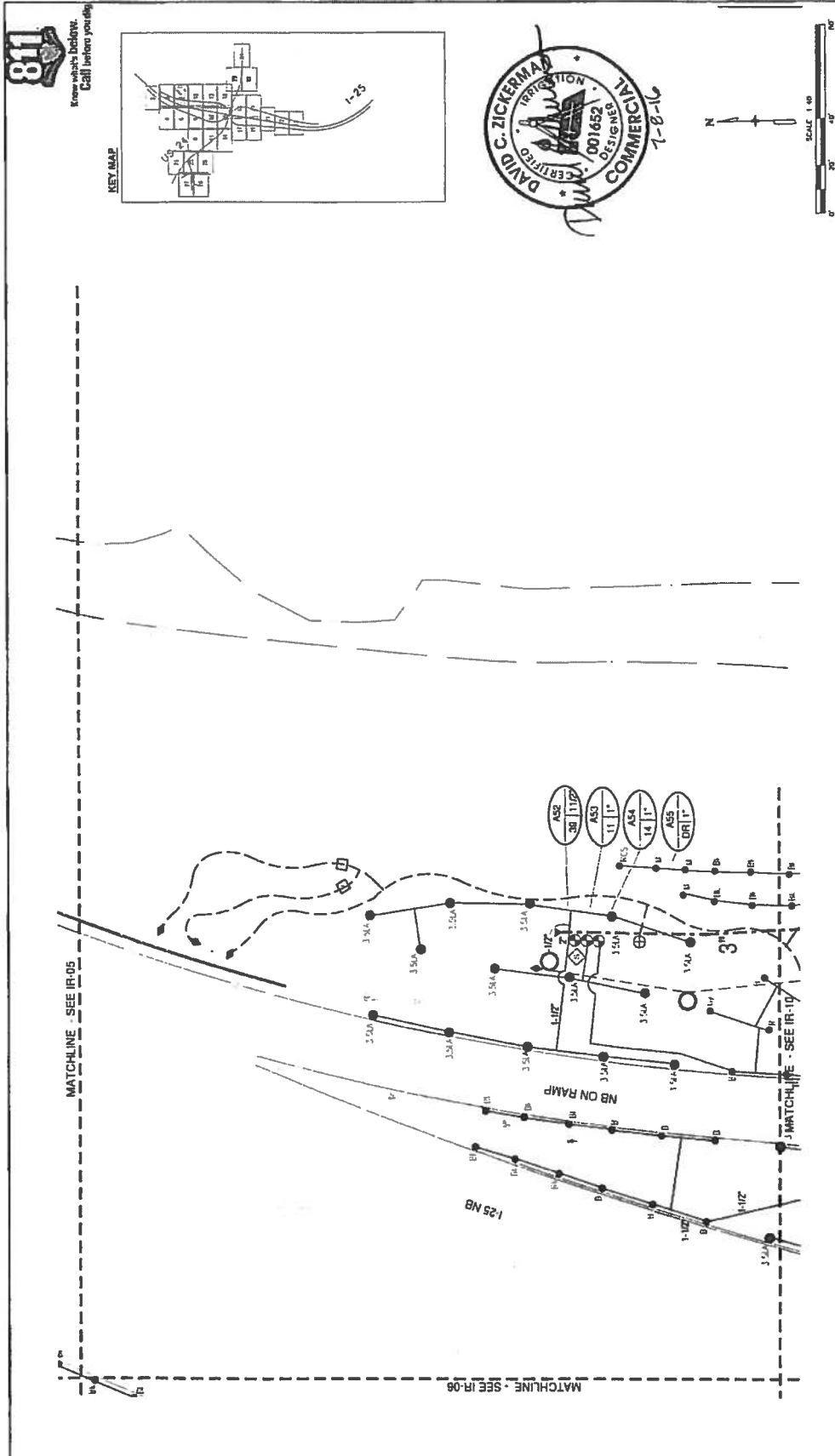
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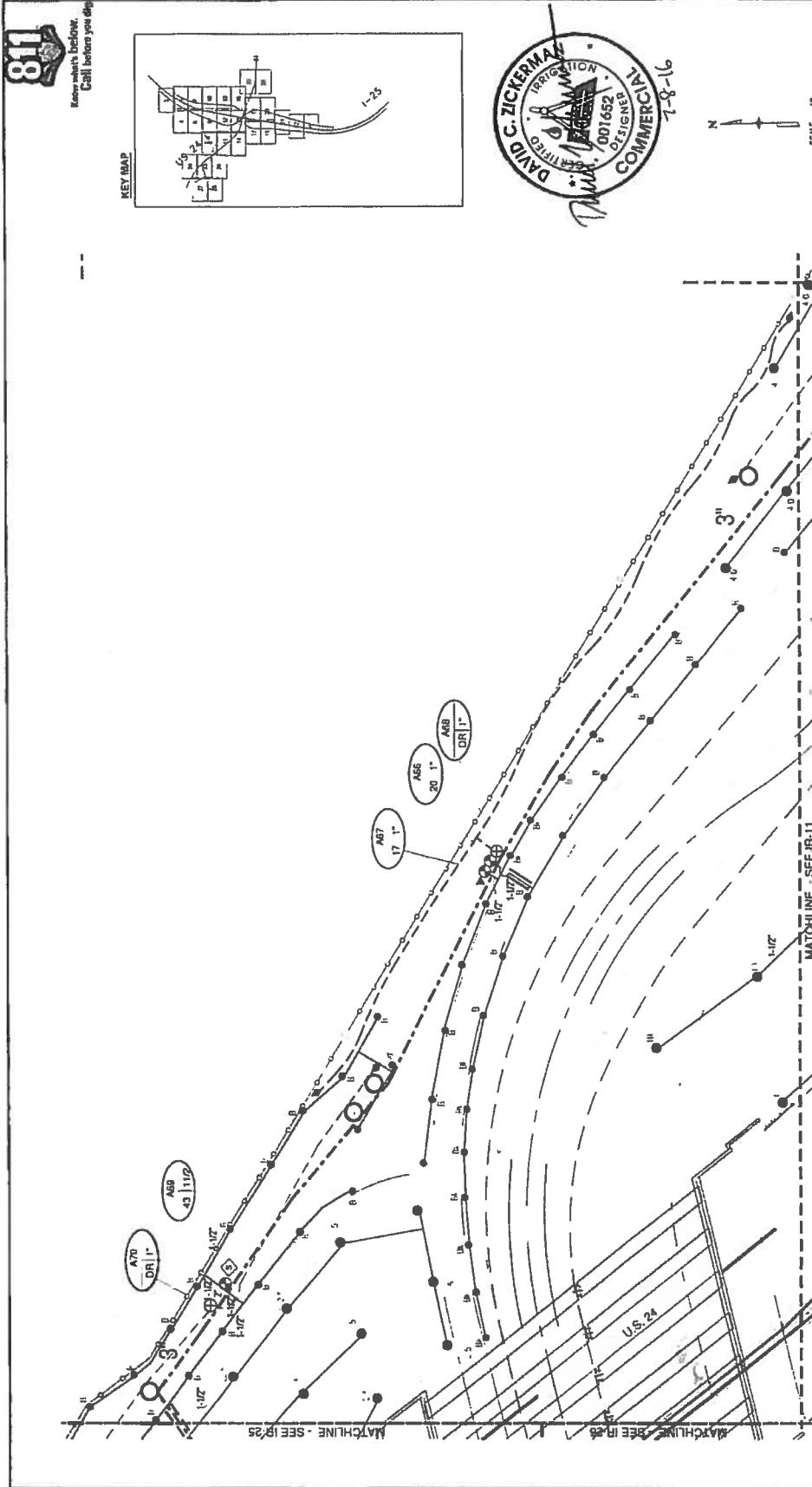
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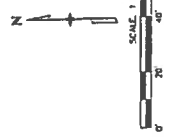
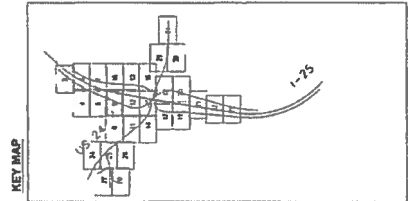


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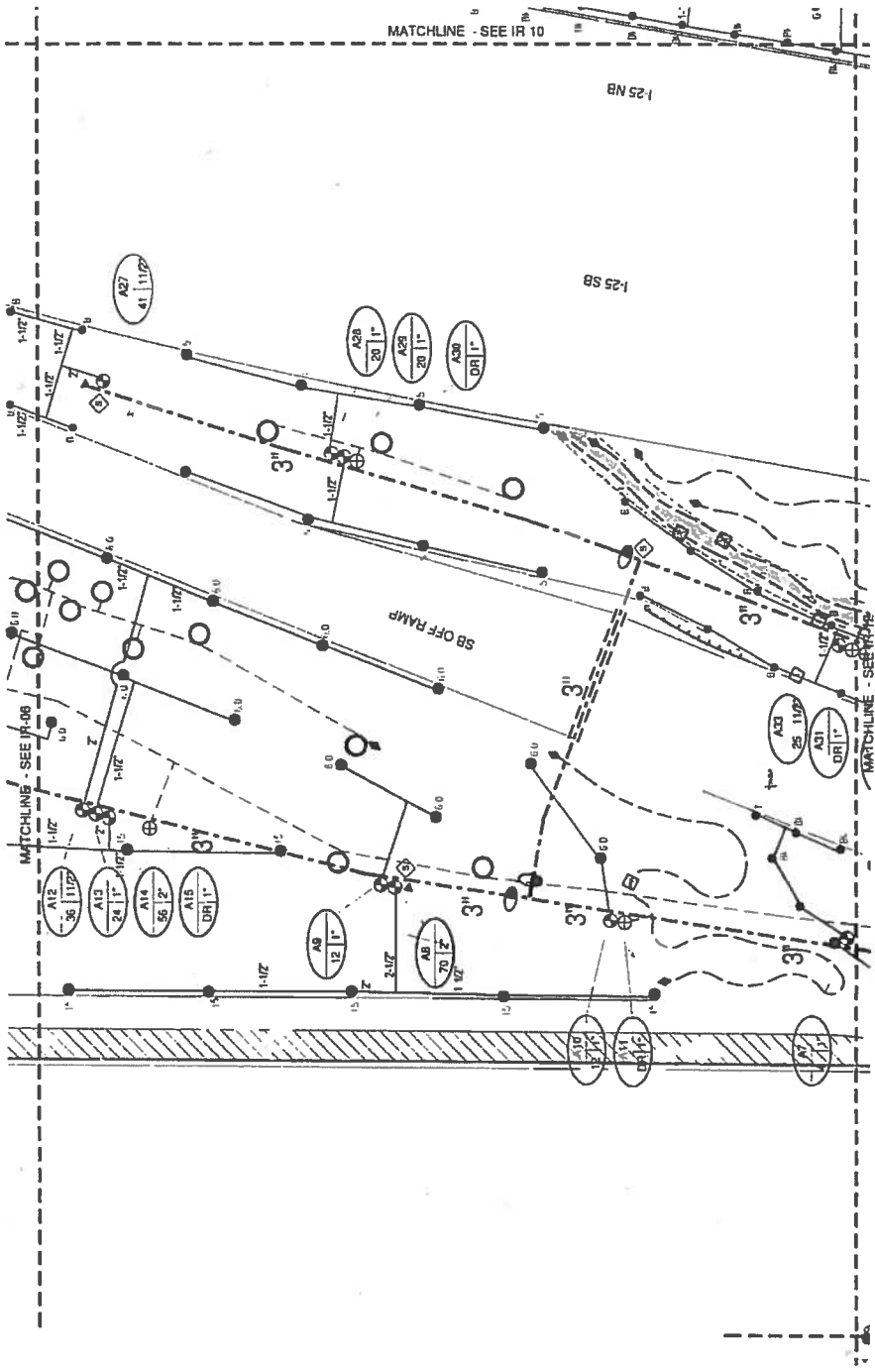
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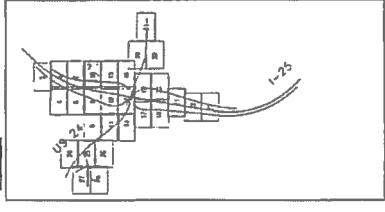


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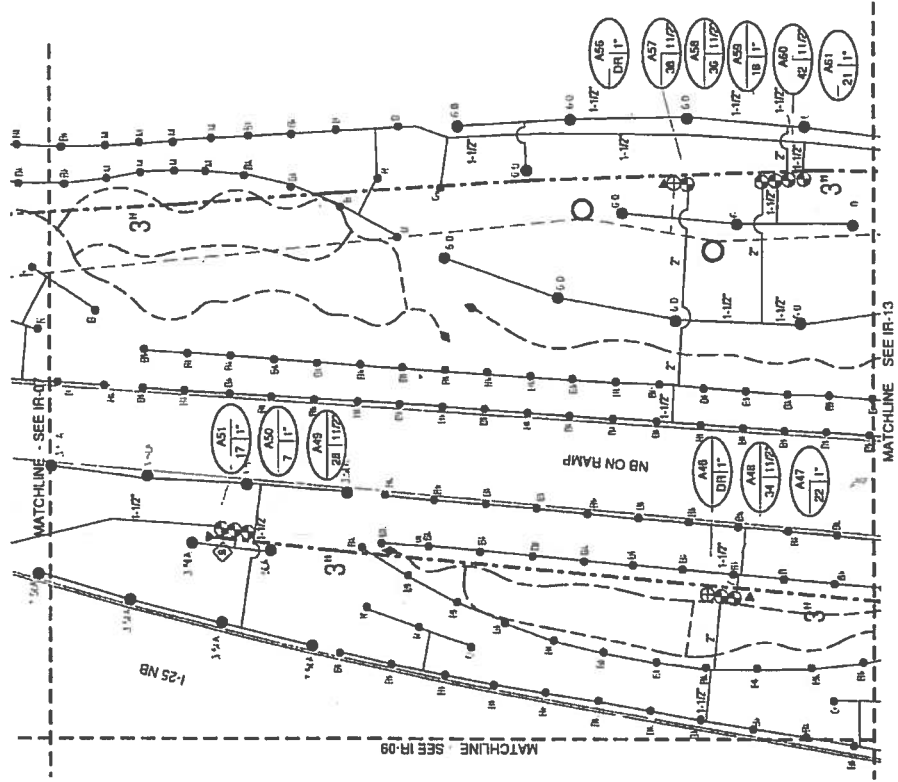
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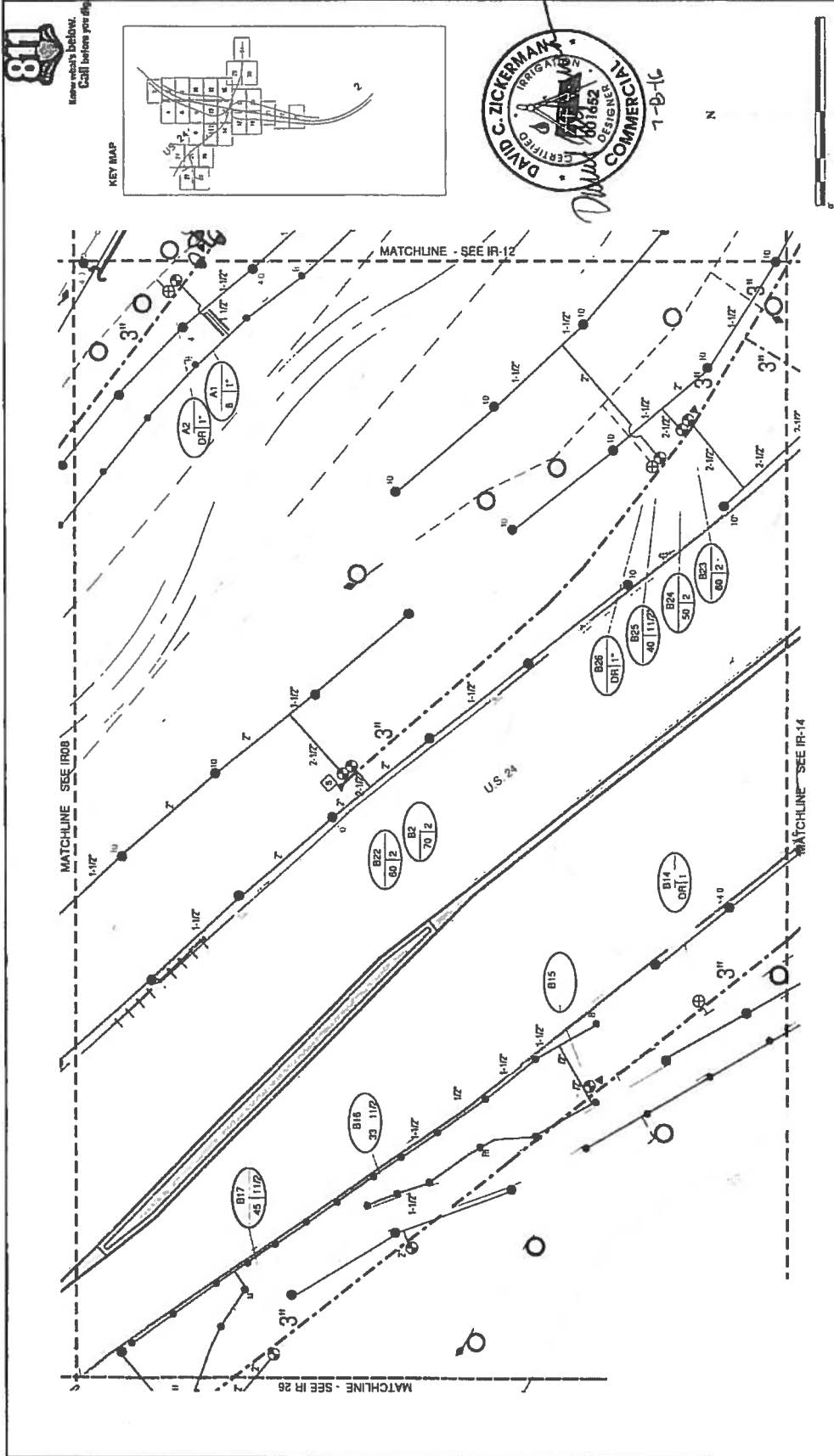
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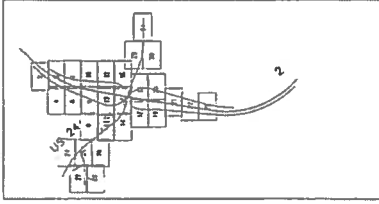
RFC 24 - LANDSCAPE AND IRRIGATION - 07-07-2016



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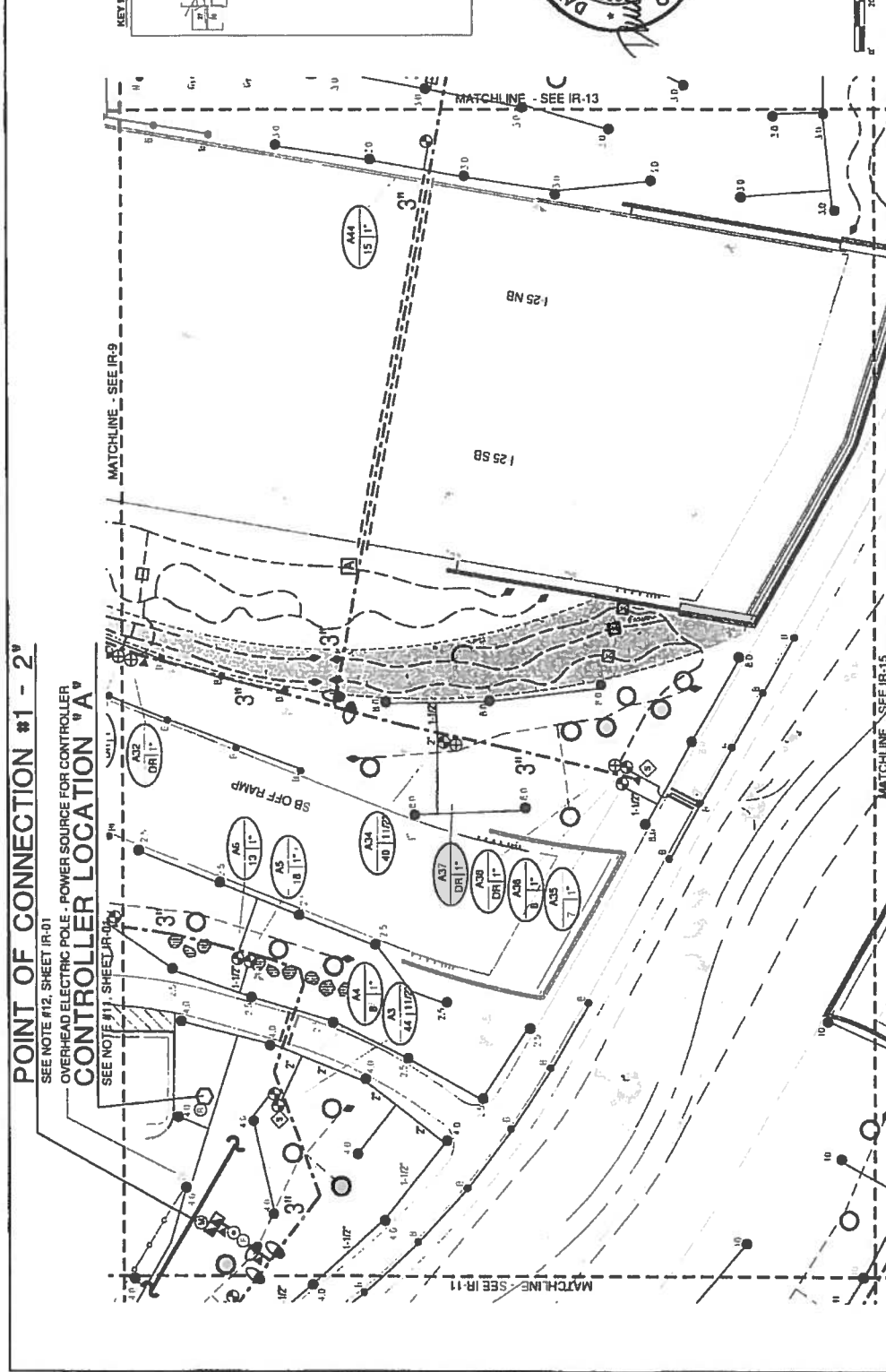
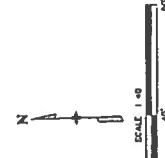
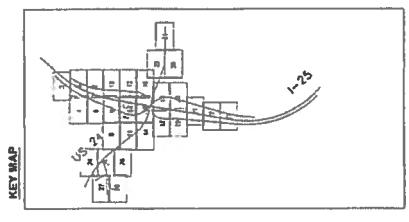


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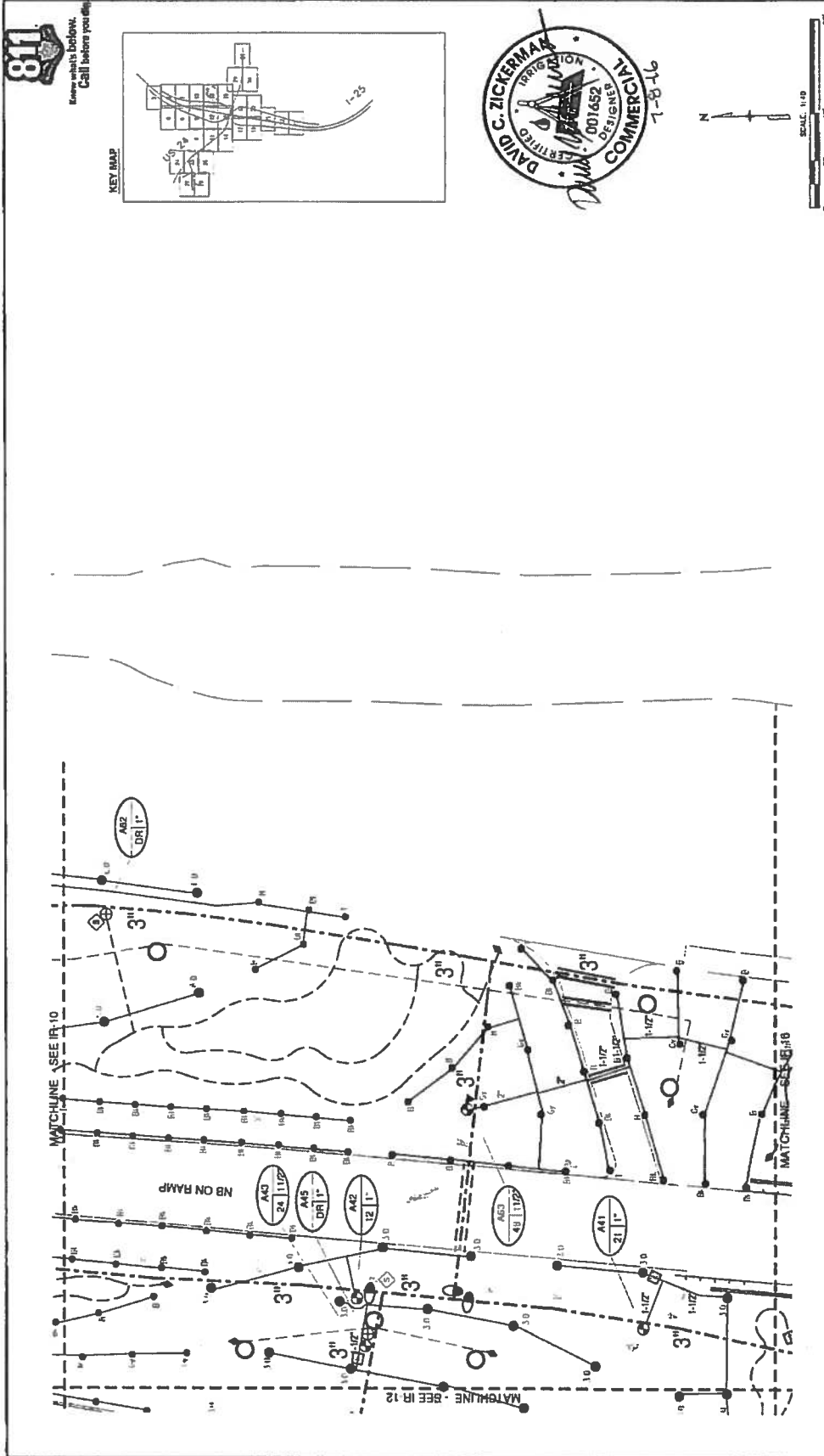
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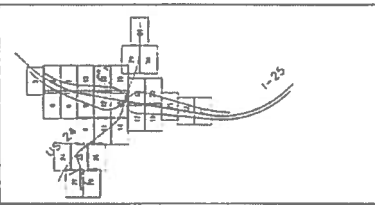
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 SEE NOTE #12, SHEET IR-01
 OVERHEAD ELECTRIC POLE - POWER SOURCE FOR CONTROLLER
CONTROLLER LOCATION #A
 SEE NOTE #11, SHEET IR-001

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| Sheet Revisions | Colorado Department of Transportation | Sheet: 12 of 37 |
| Date: | 1400 Quail Lake Loop, Suite A | |
| Comments: | Colorado Springs, CO 80906 | |
| | Phone: 719-534-3323 FAX: 719-727-3288 | |
| | Region 2 | |



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IRRIGATION PLAN
 I-25/CIMARRON ST (US 24) INTERCHANGE

Sheet Subject:

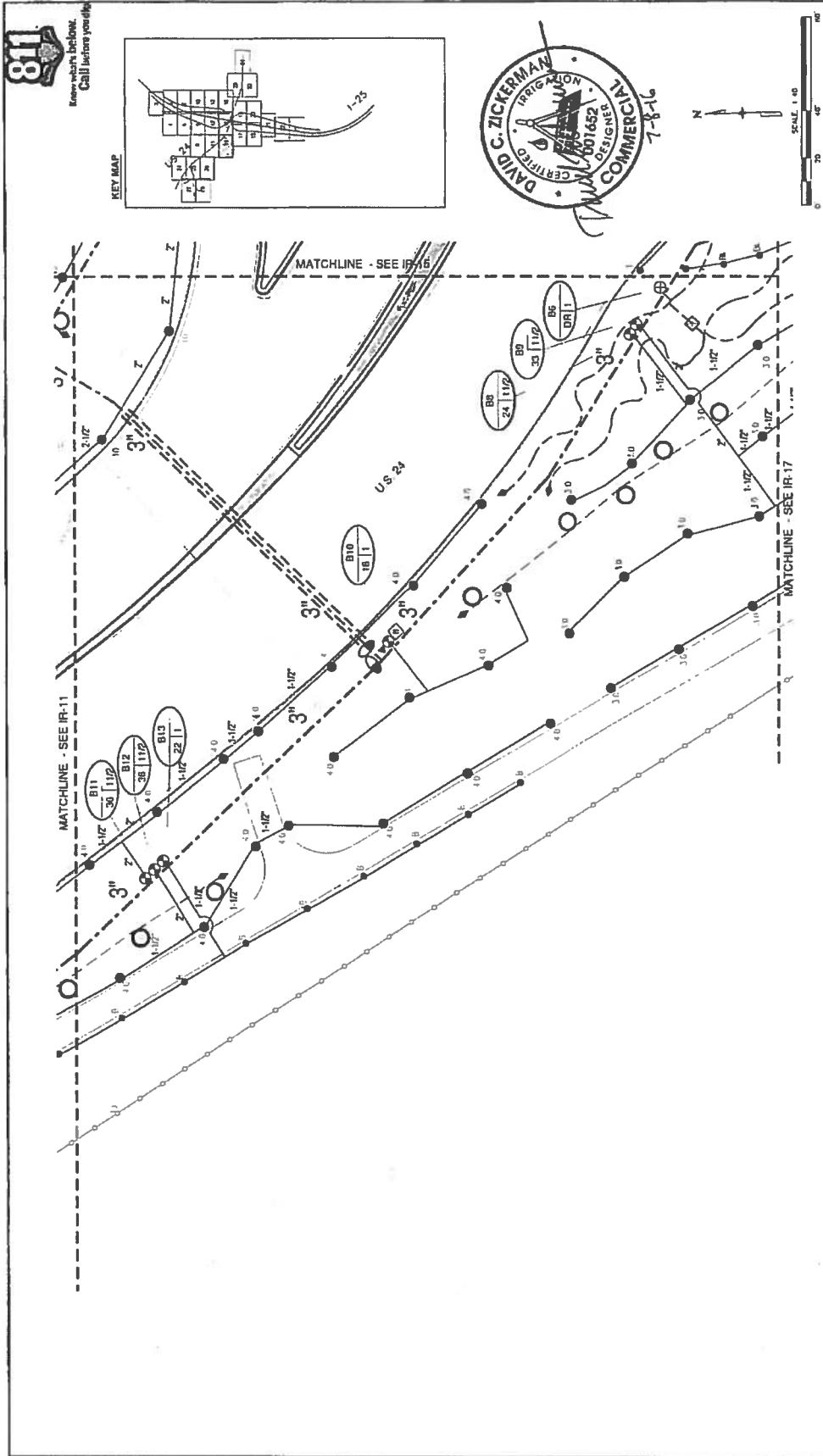
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 Region 2
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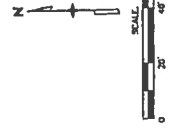
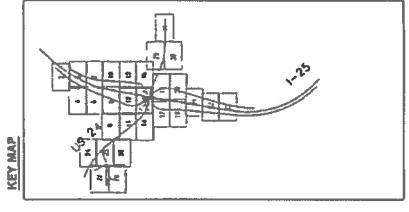
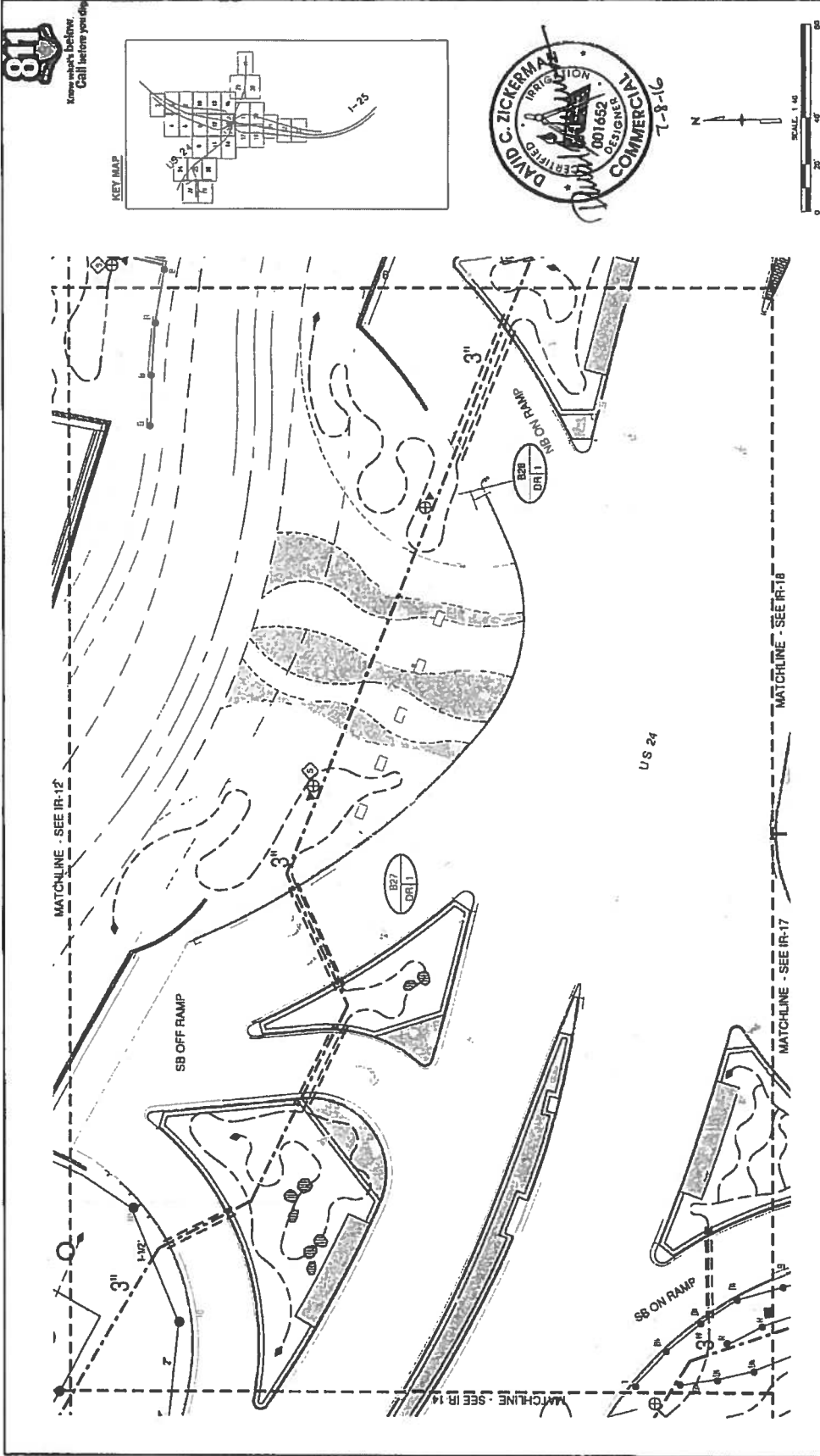
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 I-25/CIMARRON ST (US 24) INTERCHANGE

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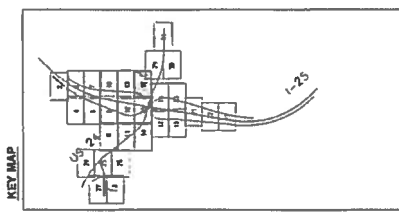
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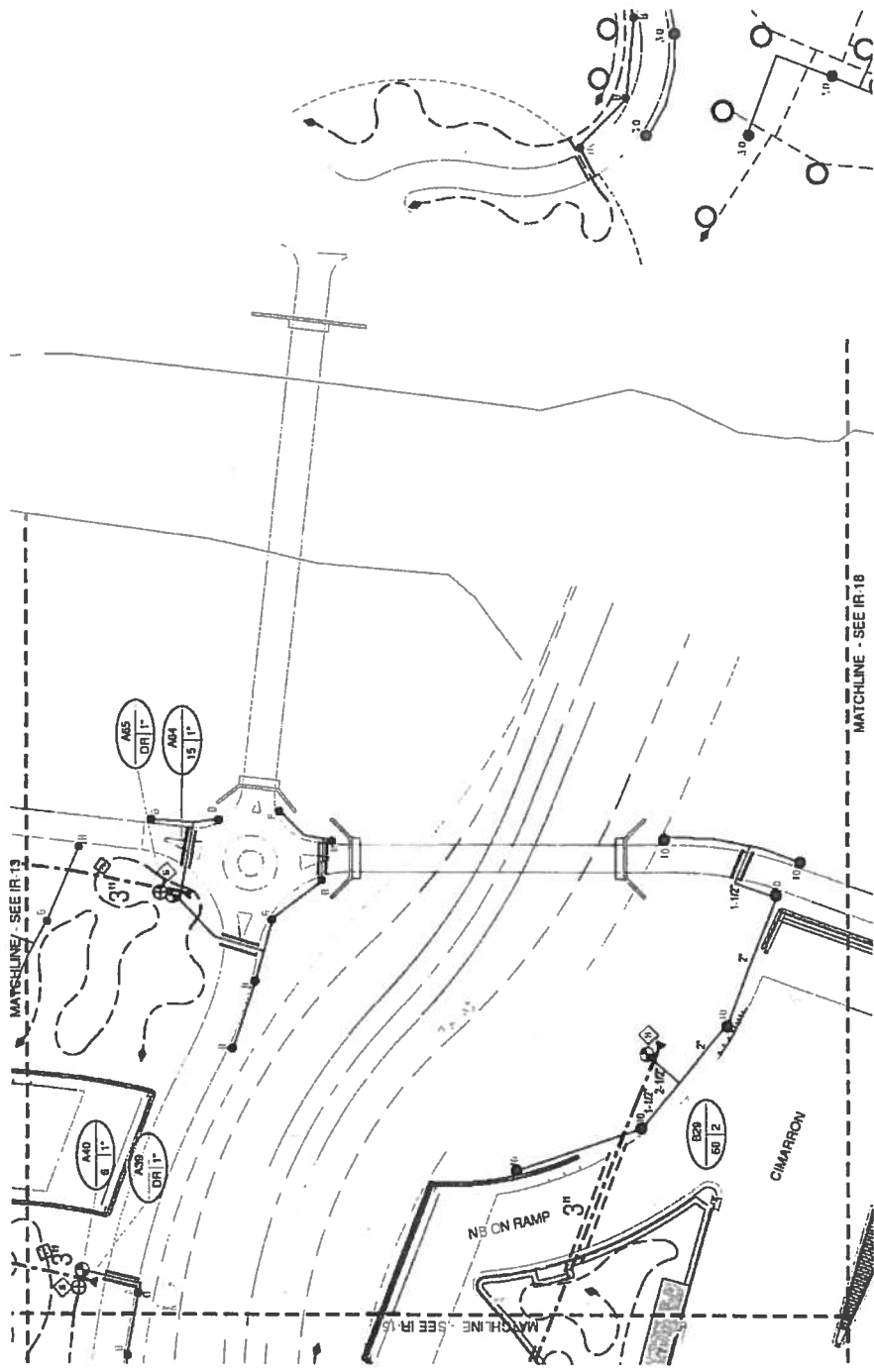
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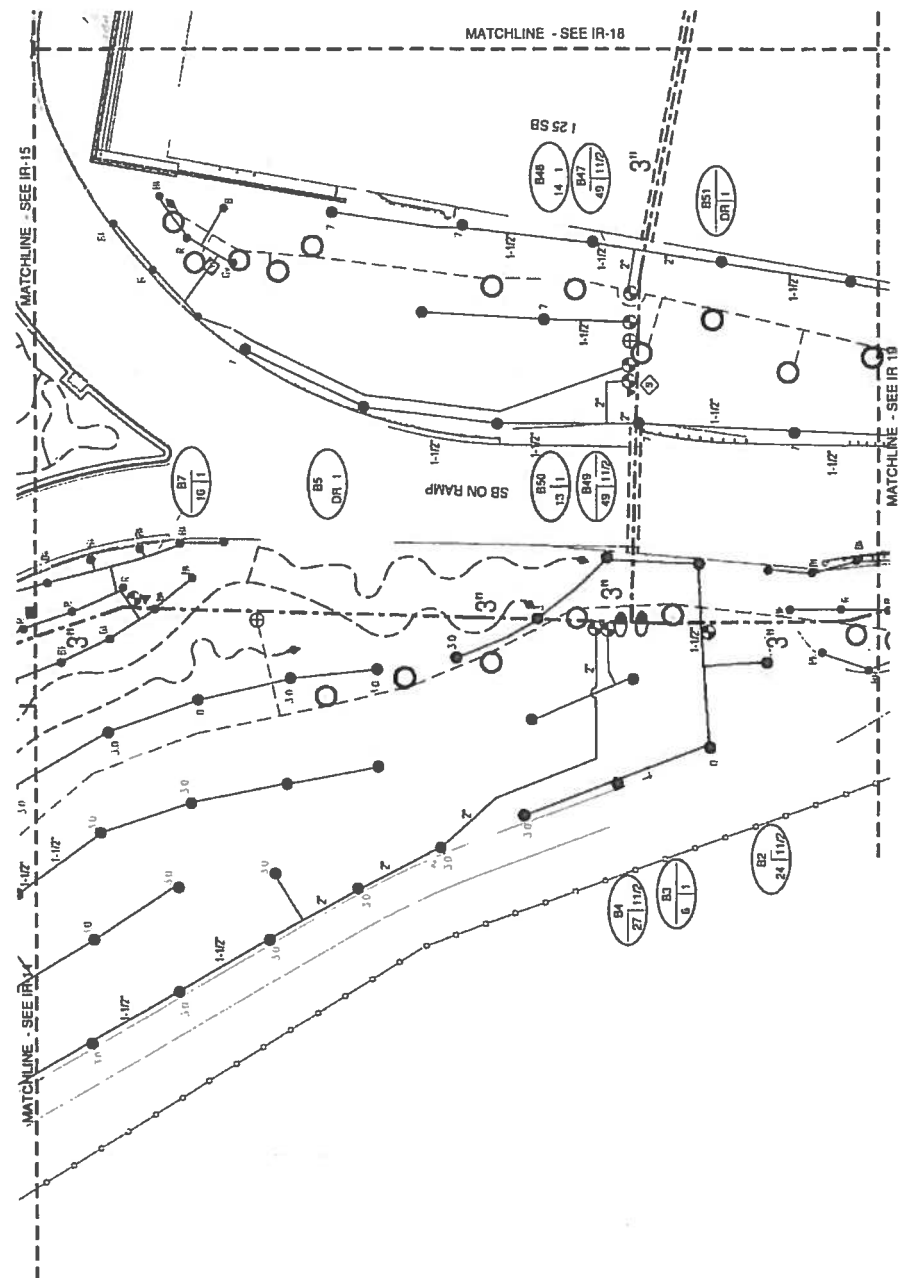
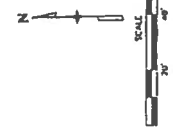
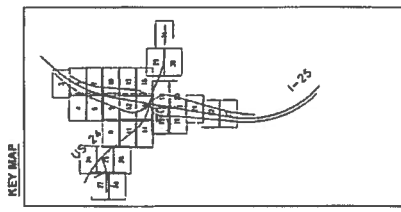
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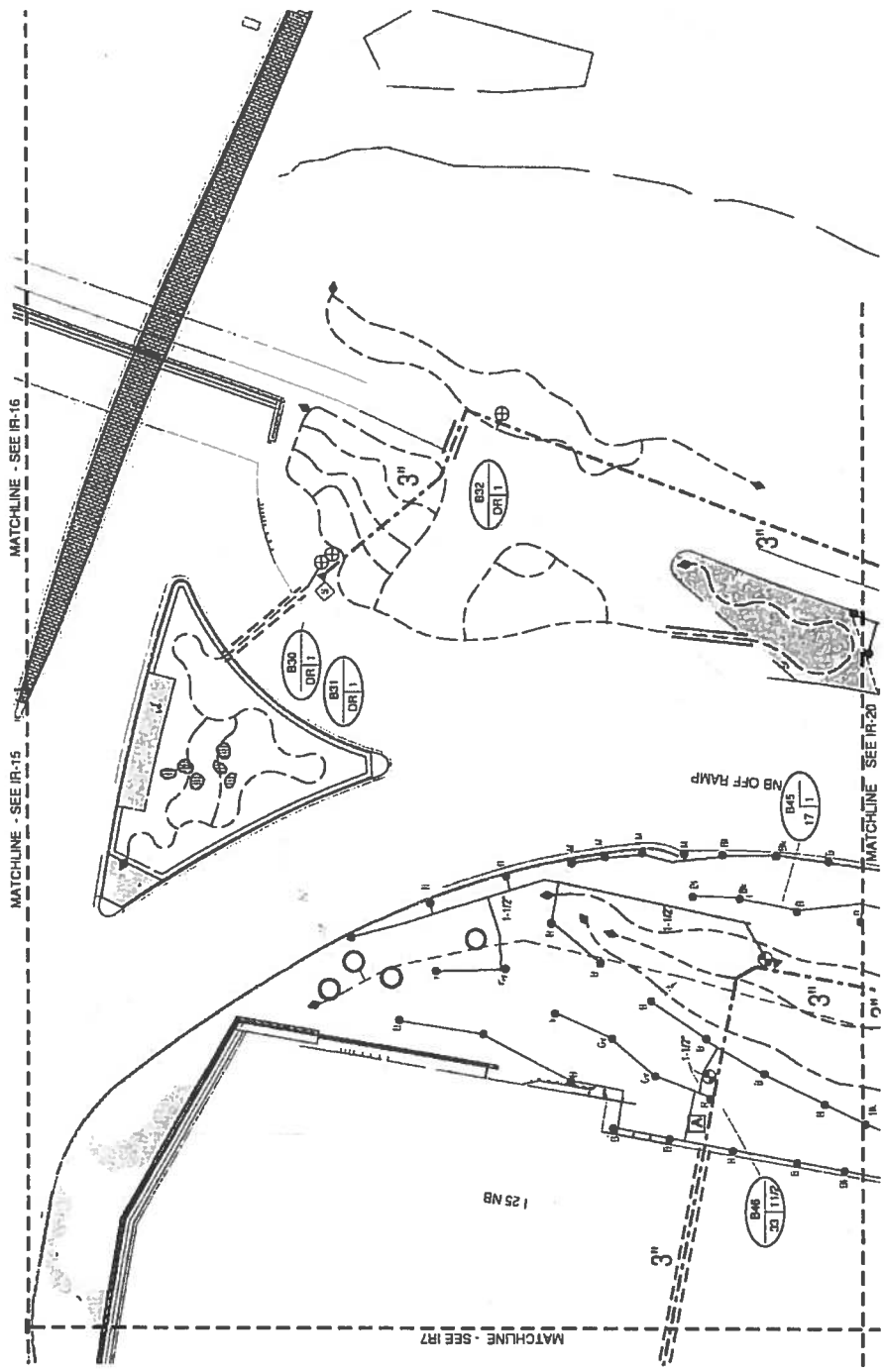
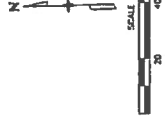
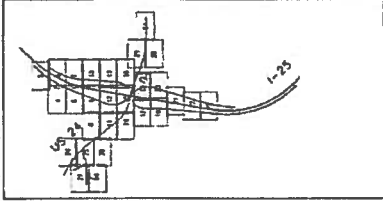


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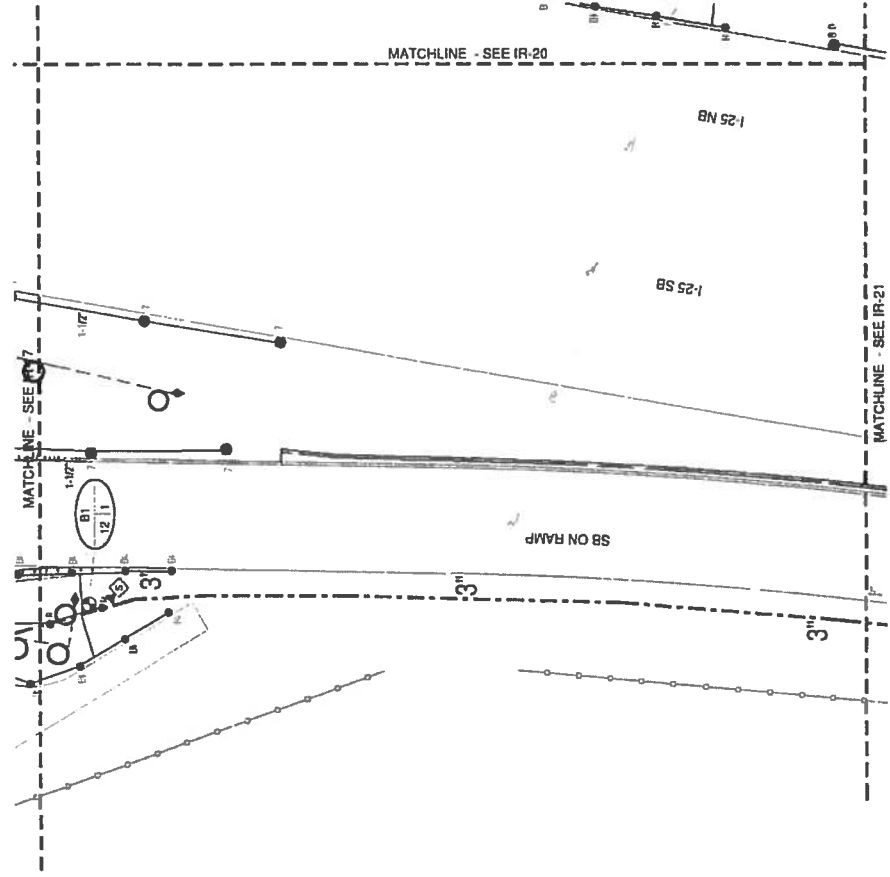
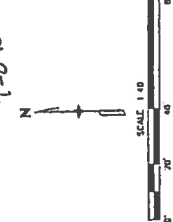
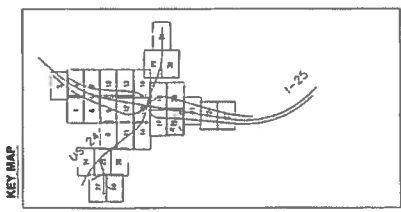
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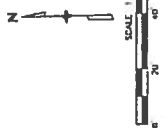
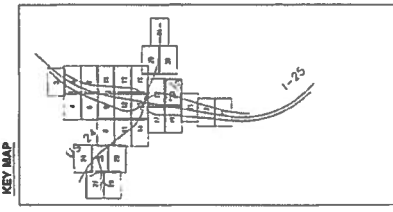
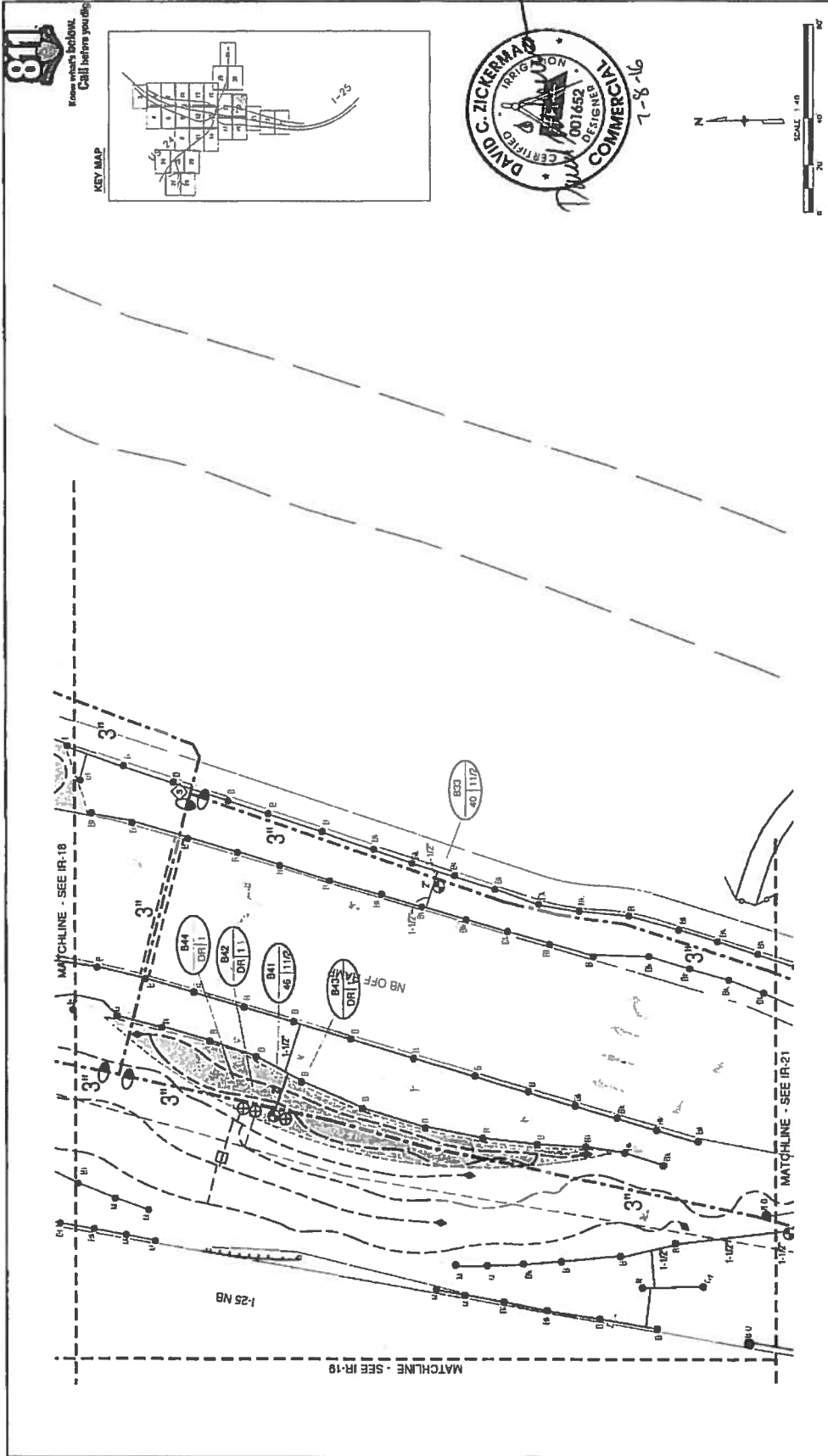
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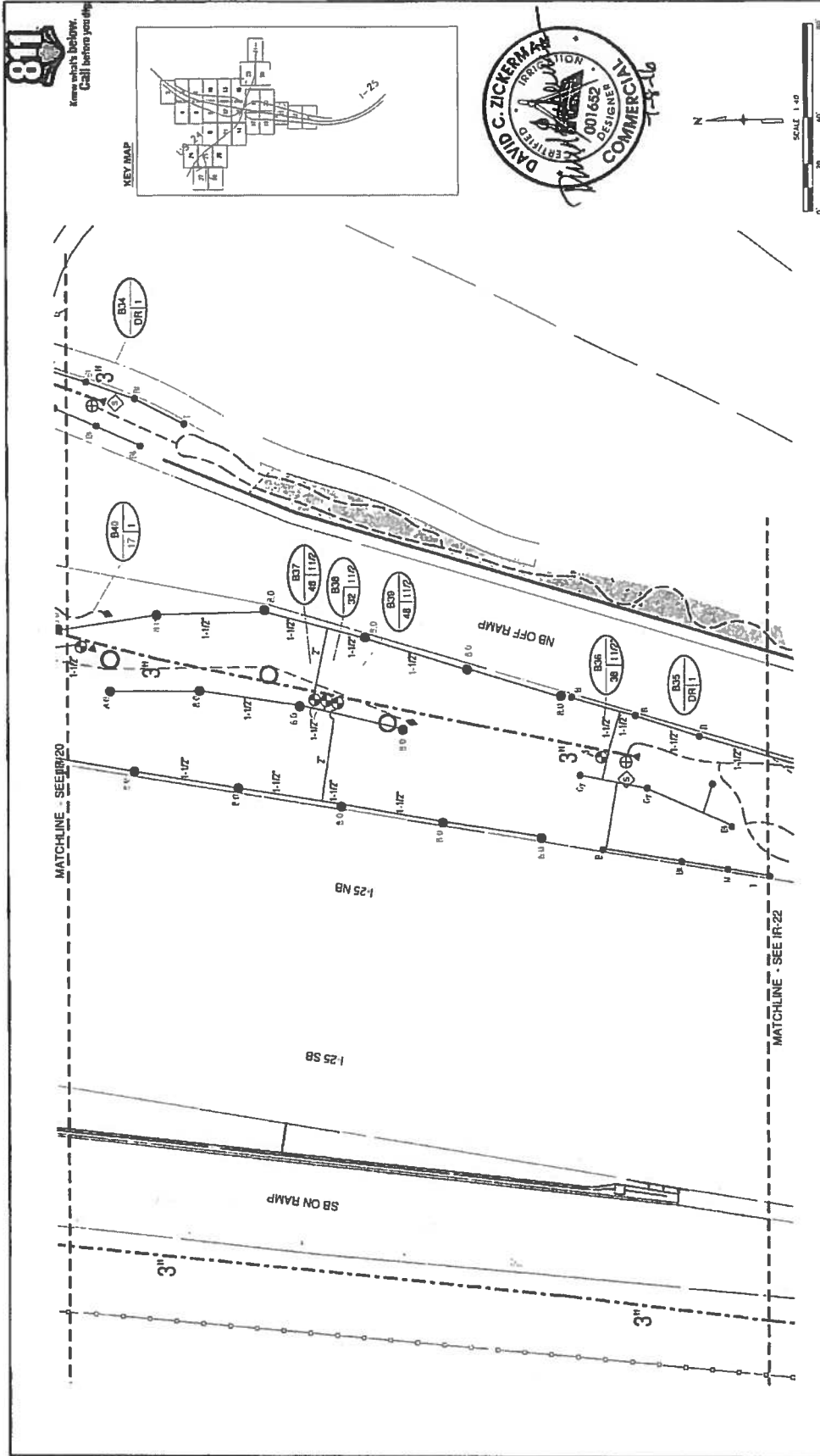
RFC 24 - LANDSCAPE AND IRRIGATION - 07-07-2016

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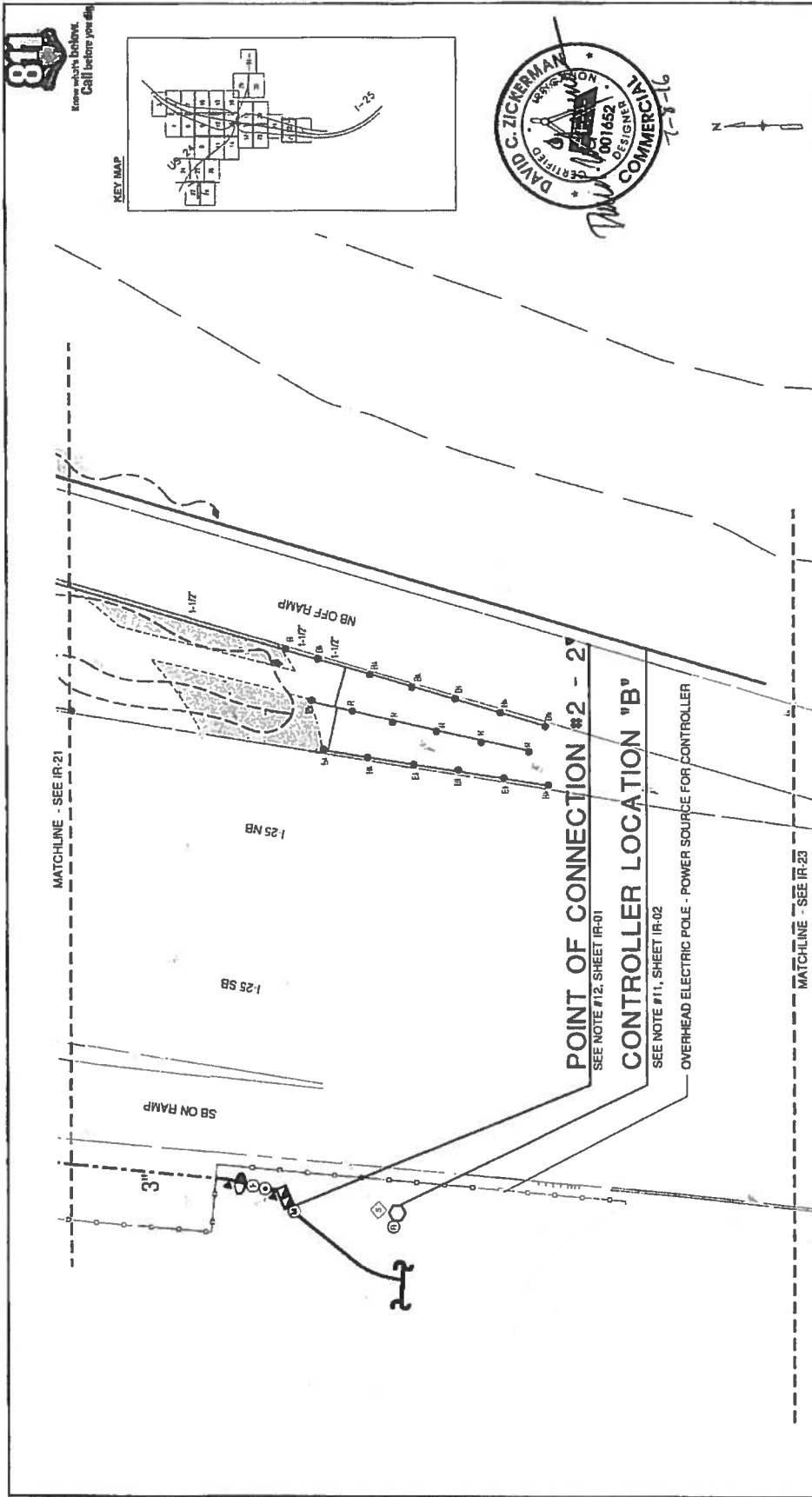


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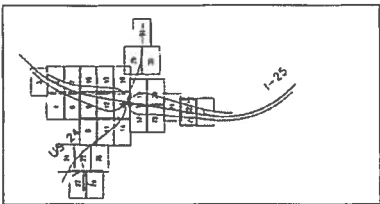
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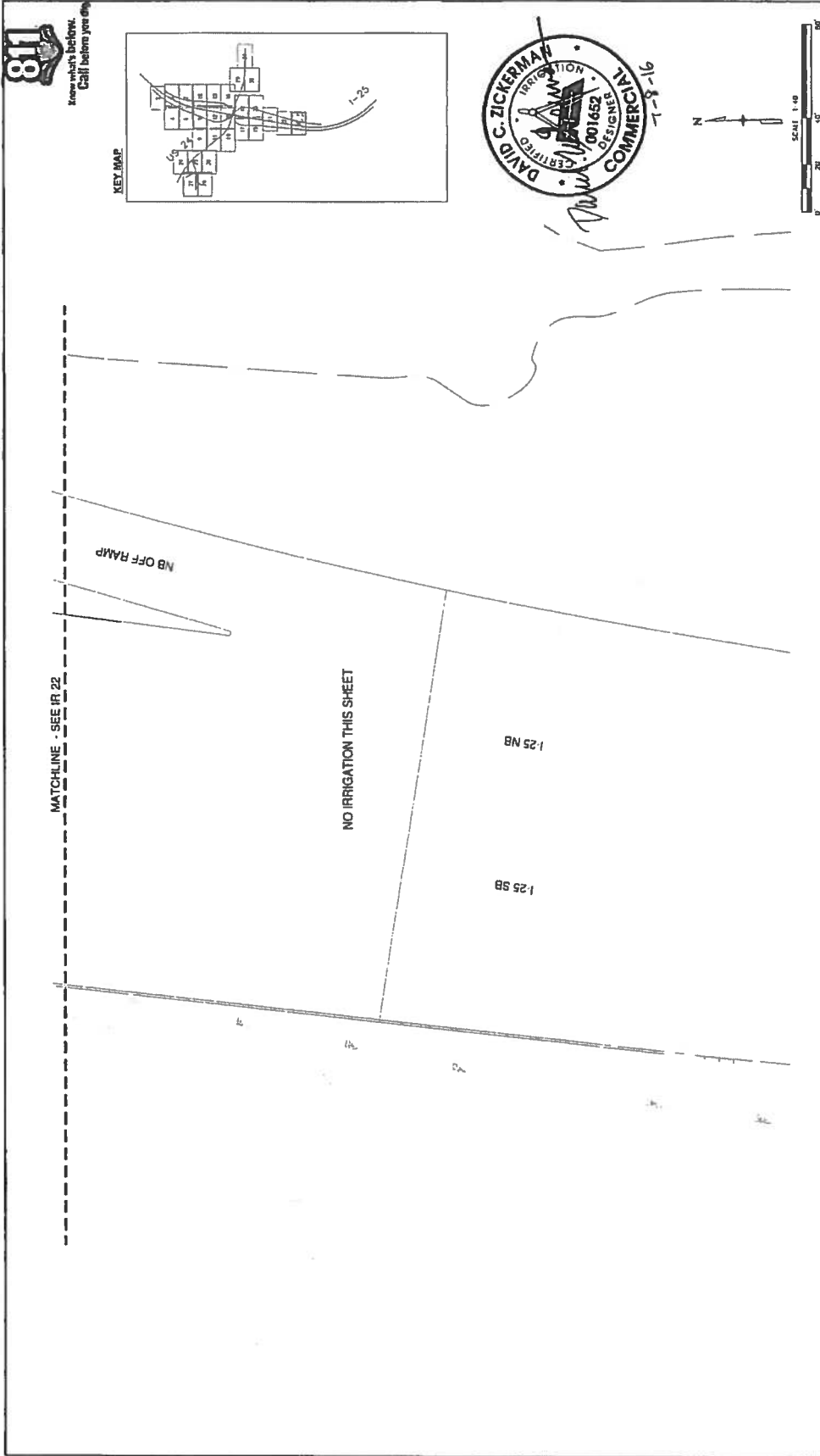
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KEY MAP



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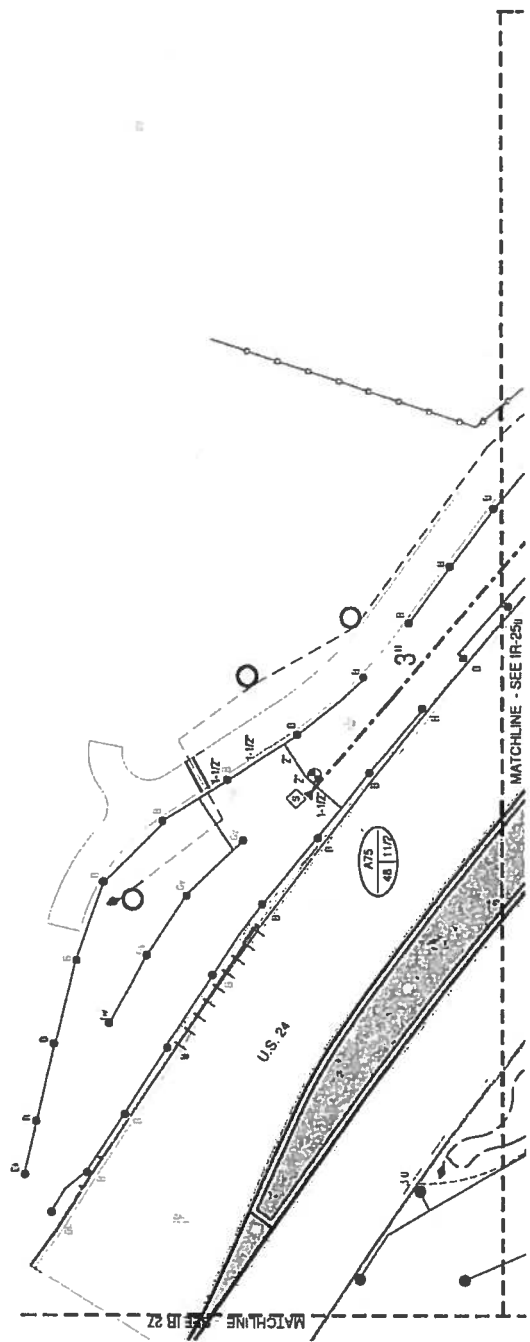
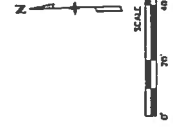
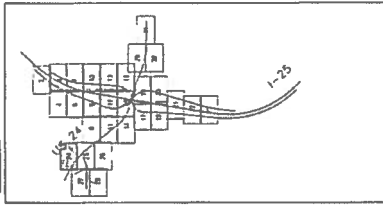


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| Colorado Department of Transportation 1480 Quail Lake Loop, Suite A Colorado Springs, CO 80909 Phone: 719-531-2353 FAX: 719-227-3298 Region 2 DMW | | Sheet: 23 of 37 Sub: SheetIR-23 of 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Know what's below.
Call before you dig.

KEY MAP



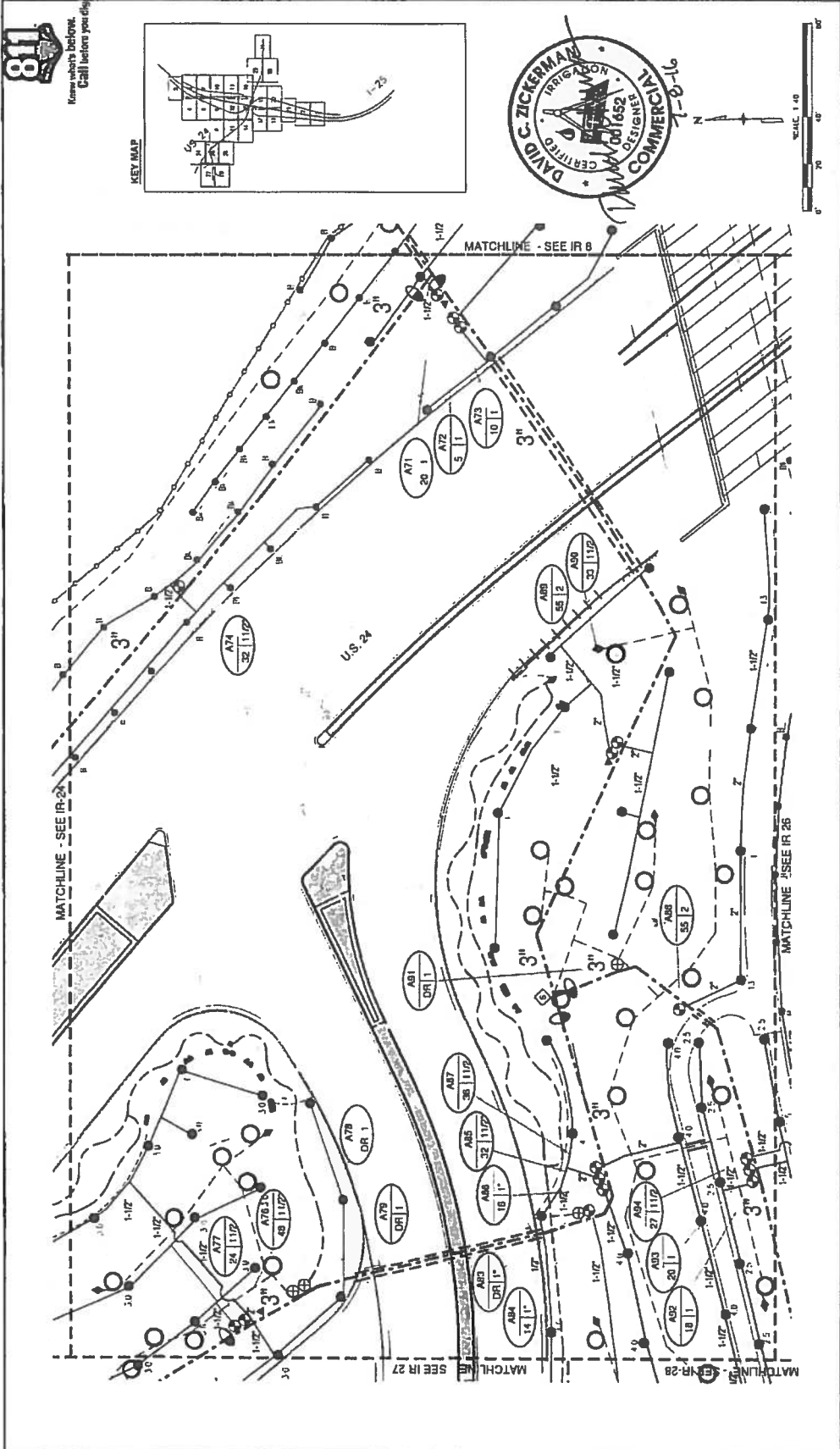
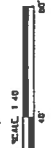
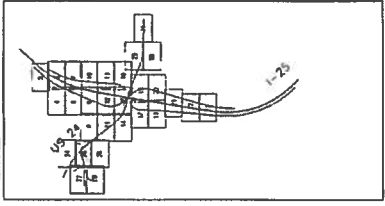
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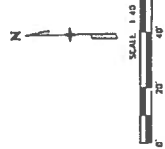
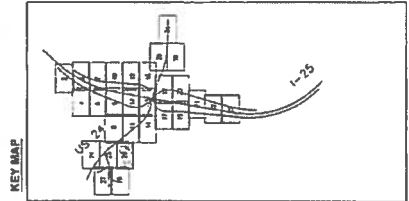
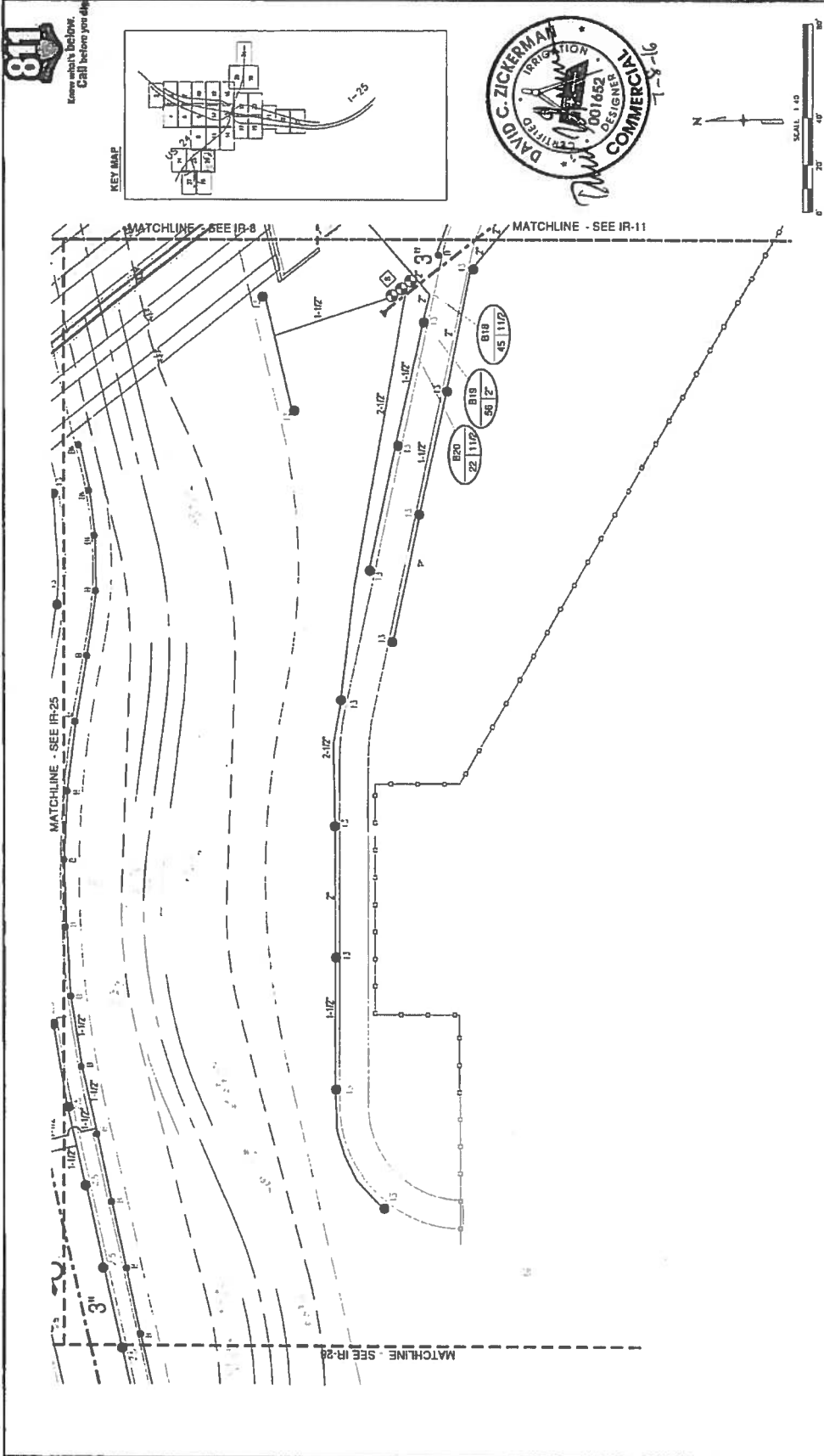
Remember to check the
Call before you dig

KEY MAP

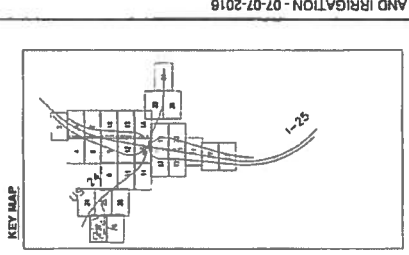


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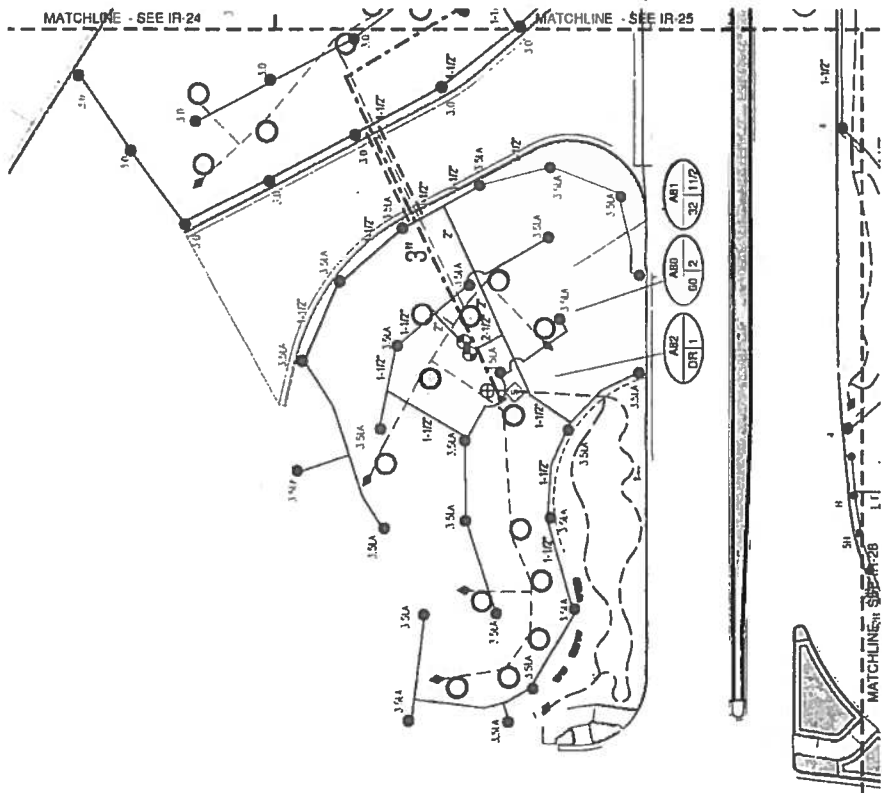
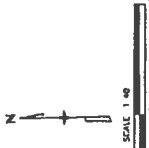
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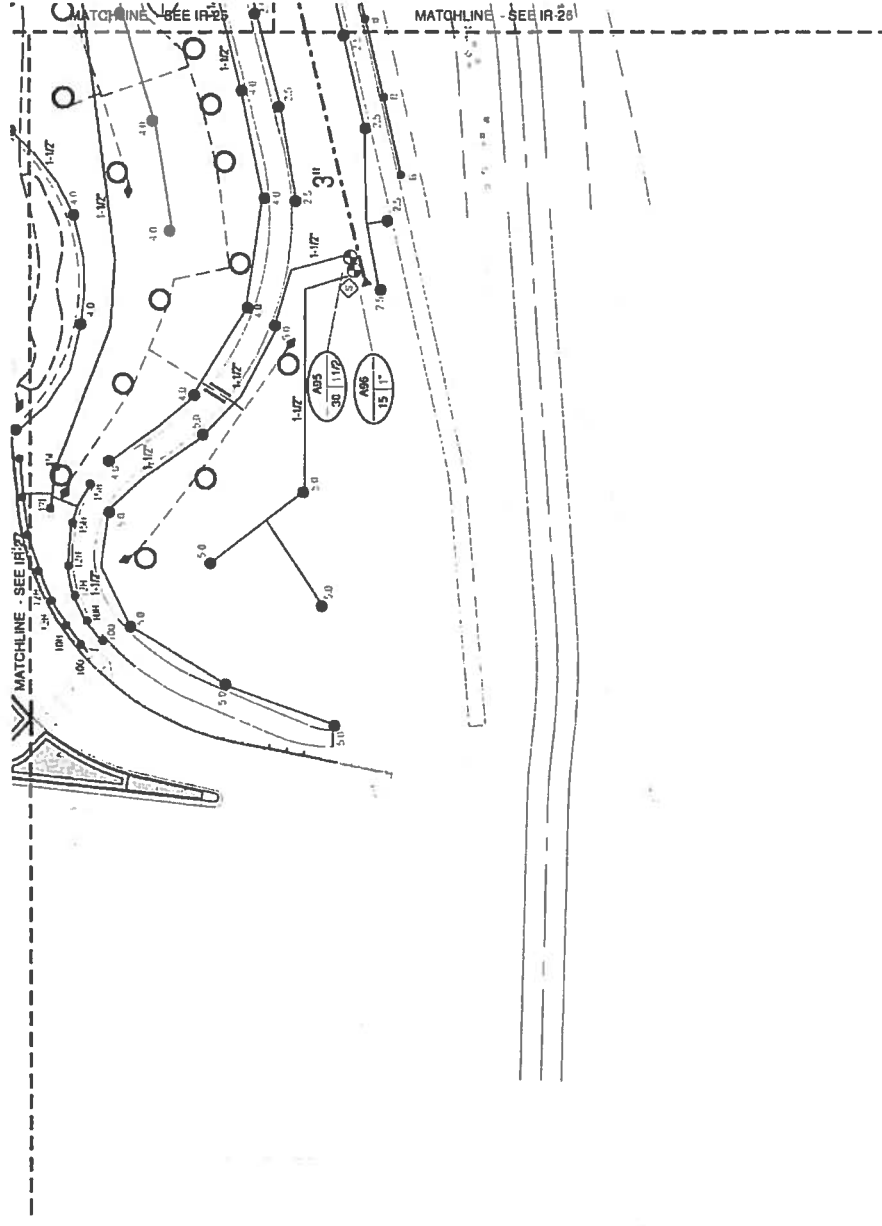
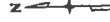
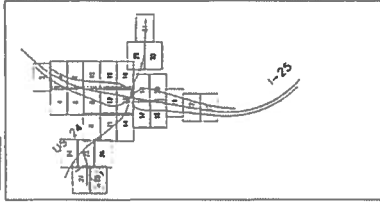


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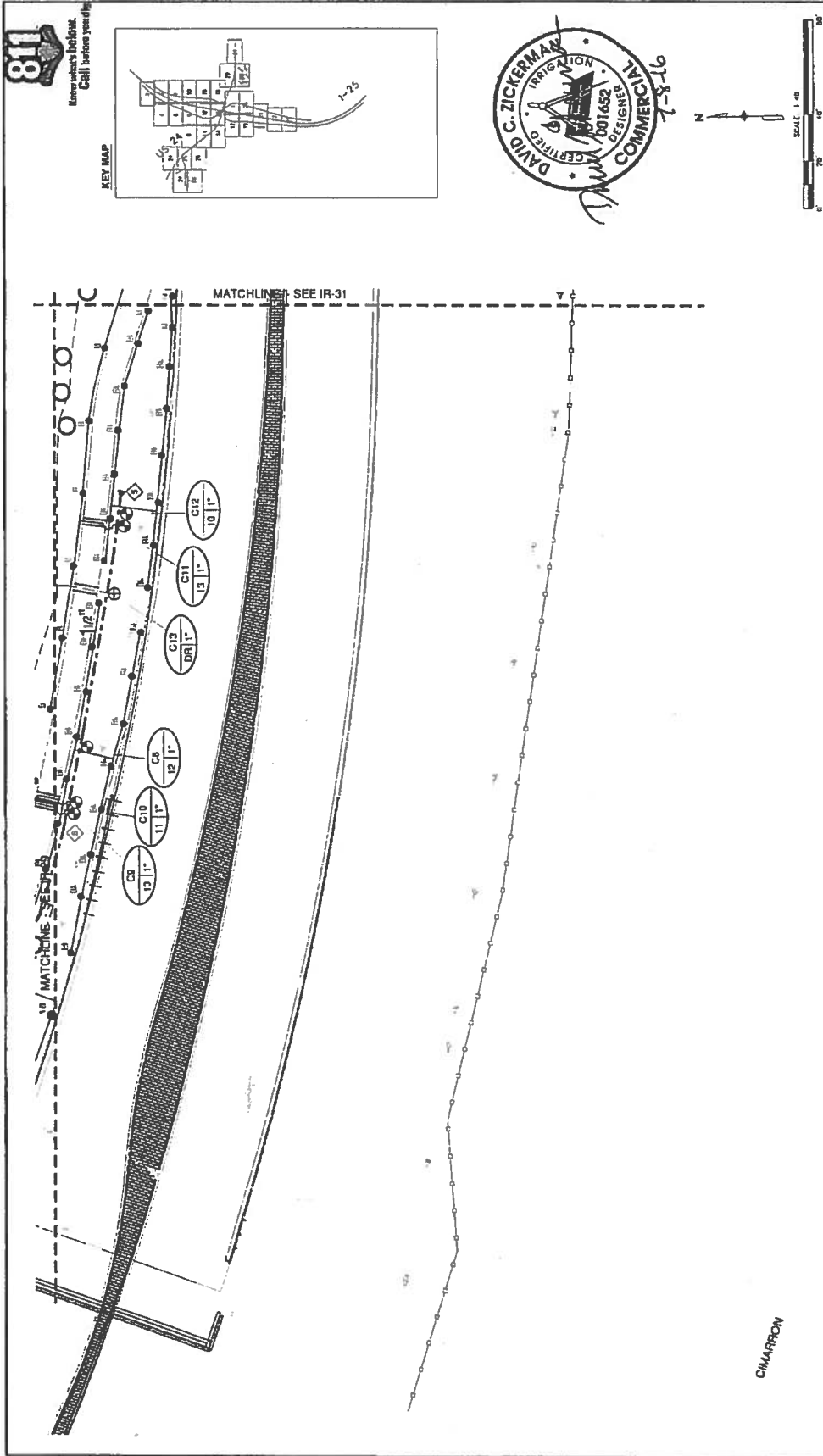


Know what's below.
Call before you dig.

KEY MAP



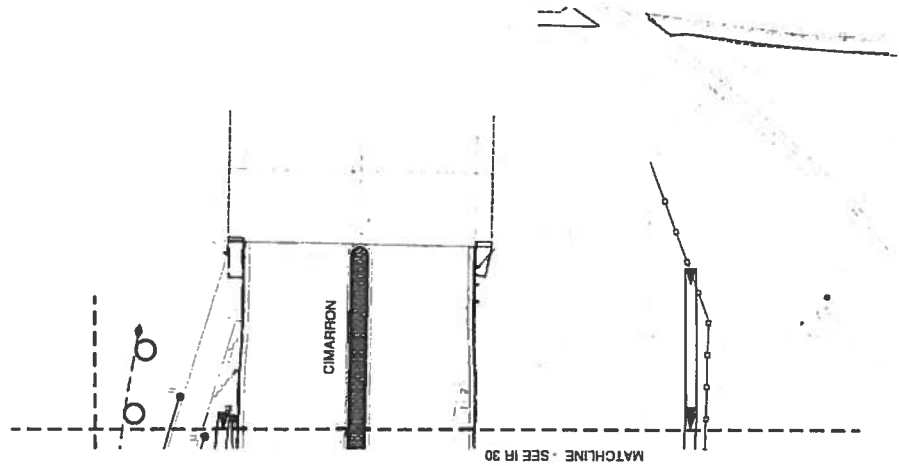
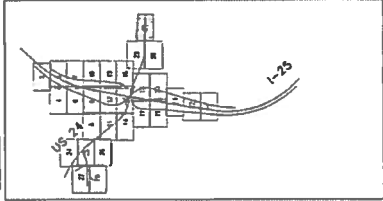
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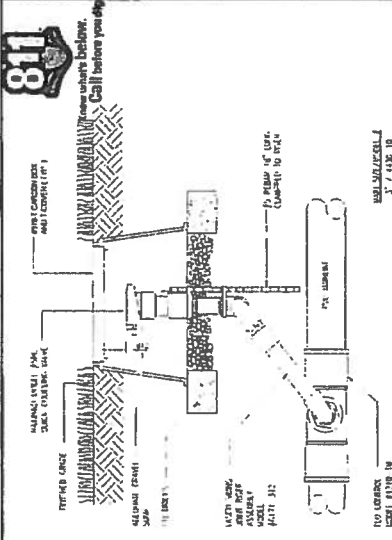
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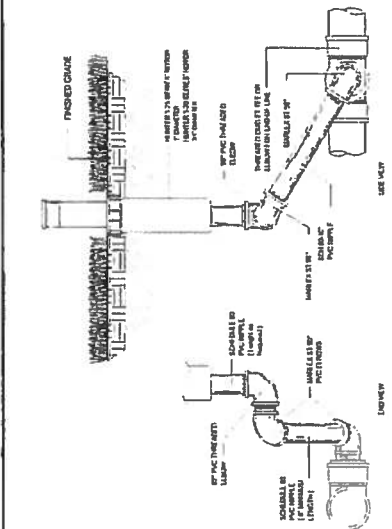
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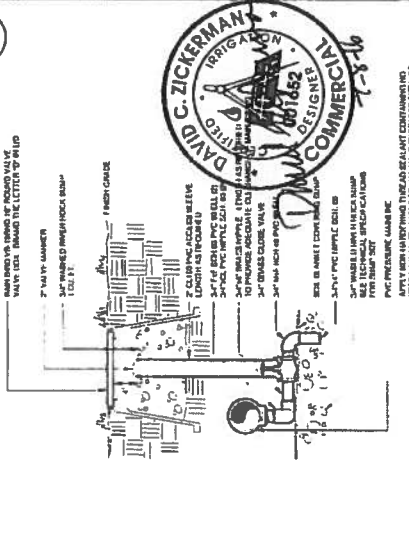


1 POP-UP SPRAY HEAD



2 GEAR DRIVEN ROTOR

3 QUICK COUPLING VALVE



6 MANUAL DRAIN VALVE

1

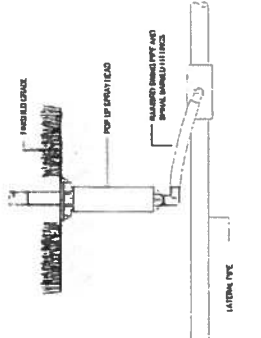
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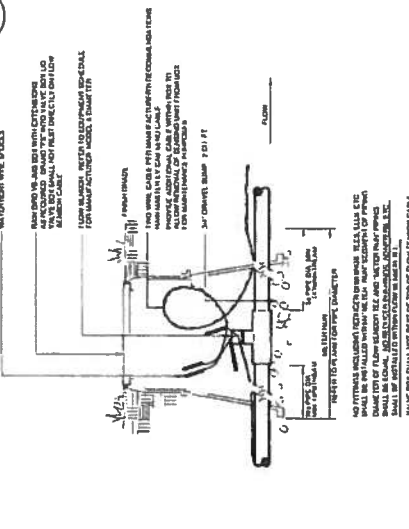
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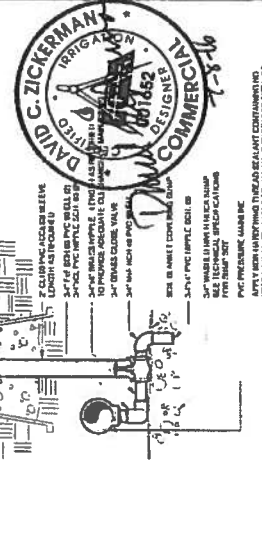
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4 MASTER VALVE



5 FLOW SENSOR



6

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| Colorado Department of Transportation 1480 Oval Lake Loop, Suite A Colorado Springs, CO 80906 Phone: 719-634-2323 FAX: 719-277-3298 | | Designer: Structure Number Detailer: 10039 Sheet Subject: Subel SheetIR-35 of 37 Sheet Number 24-88 | |
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7 ELECTRIC CONTROL VALVE DECODER SYSTEM

NOTE: BRASS INLET TO BE ASSEMBLED AND FREQUENTLY OILED TO MAINTAIN FLEXIBLE COILS ETC.

NOTE: BRASS INLET TO BE ASSEMBLED AND FREQUENTLY OILED TO MAINTAIN FLEXIBLE COILS ETC.

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8 GATE VALVE

NOTE: CONCRETE AND PIPE MATERIALS TO BE 1\"/>

NOTE: CONCRETE AND PIPE MATERIALS TO BE 1\"/>

NOTE: CONCRETE AND PIPE MATERIALS TO BE 1\"/>

NOTE: CONCRETE AND PIPE MATERIALS TO BE 1\"/>

9 TRENCH

NOTE: ALL OPENING TO BE TOP OF THE CONCRETE SHALL TO BE BOTTOM OF TRENCH.

NOTE: ALL OPENING TO BE TOP OF THE CONCRETE SHALL TO BE BOTTOM OF TRENCH.

NOTE: ALL OPENING TO BE TOP OF THE CONCRETE SHALL TO BE BOTTOM OF TRENCH.

10 BACKFLOW ENCLASURE

NOTE: METAL ENCLOSURE WORKING AS PER MANUFACTURER'S PRODUCT OWNER WITH RETRO-FITTING FOR BACKFLOW.

NOTE: METAL ENCLOSURE WORKING AS PER MANUFACTURER'S PRODUCT OWNER WITH RETRO-FITTING FOR BACKFLOW.

NOTE: METAL ENCLOSURE WORKING AS PER MANUFACTURER'S PRODUCT OWNER WITH RETRO-FITTING FOR BACKFLOW.

11 BACKFLOW PREVENTER

NOTE: PVC MAIN TO BENCH OPERATING PLAN

NOTE: PVC MAIN TO BENCH OPERATING PLAN

NOTE: PVC MAIN TO BENCH OPERATING PLAN

BACKFLOW ENCLASURE

BACKFLOW PREVENTER

Project No./Code BI 0252-423

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Colorado Department of Transportation

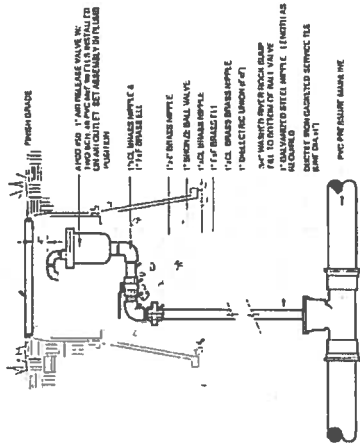
Region 2 DMW

1480 Quail Lake Loop, Suite A
Phone 719-634-2323 FAX 719-227-3298

DAVID S. ZICKERMAN
CERTIFIED IRRIGATION DESIGNER
COMMERCIAL

811
Know what's below.
Call before you dig.

MANUALLY OPERATED VALVE WITH EXTENSION
 1/2" P.V.C. CONDUIT IN 1/2" DIA. GULCH

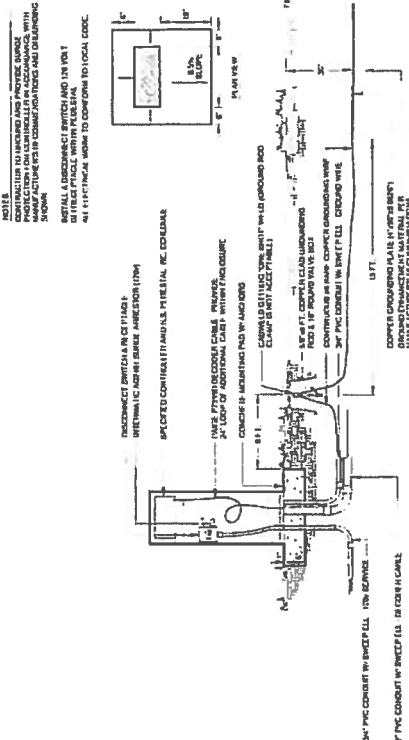


NOTE: AIR RELEASE ASSEMBLY SHALL REST ON GROUND'S SURFACE
 SHALL LOCATE AIR RELEASE AT HIGH POINT OF AIRBORNE PIPING
 IN THE LINE TO BE BLOWN OUT. ALL VALVE THROTTLES SHALL BE
 IN THE OPEN POSITION AT ALL TIMES. THE AIR RELEASE SHALL BE
 OPERABLE BY THE USER.

AIR RELEASE VALVE

12

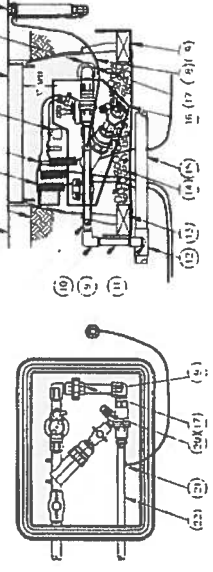
NOTE:
 CONSTRUCTION TO MATCH AND PROVIDE SUFFICIENT
 PROTECTION ON UNDERLAYS IN ACCORDANCE WITH
 STRUCTURE AND CONSTRUCTION AND FINISHING
 DRAWING.



ELECTRIC CONTROLLER - TWO-WIRE SYSTEM

13

WEAR RESISTANT VALVE COUPLER
 MONITOR IT
 LOCAL DECISION IN THE BOX

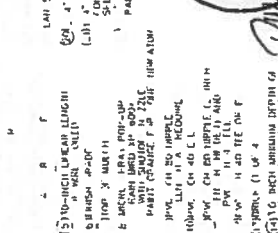


IF VALVE TO PREVENT A HERRING 1/2" - 1/4" HOSE SLUGS WITH CONNECT 6
 ATTACHED TO THE VALVE. THE VALVE SHALL BE IN THE OPEN POSITION
 AT ALL TIMES. THE VALVE SHALL BE OPERABLE BY THE USER.

DRIP LINE BLOW-OUT STUB

14

WEAR RESISTANT VALVE COUPLER
 MONITOR IT
 LOCAL DECISION IN THE BOX



DRIP VALVE ASSEMBLY - DECODER SYSTEM

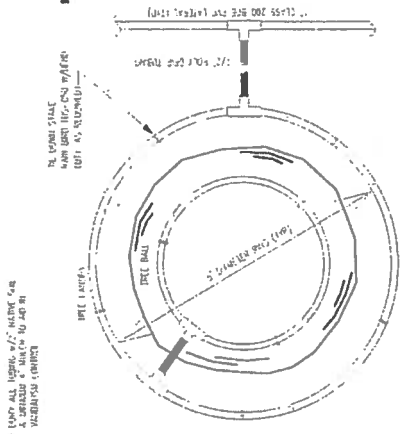
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Remember to call before you dig



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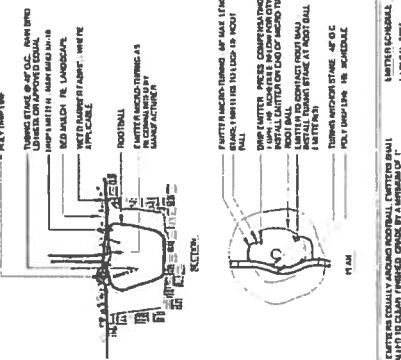


NOTE: RING SHALL BE 24" DIAMETER. RISE SHALL BE 36" DIAMETER. RING SHALL BE 36" DIAMETER. RING SHALL BE 36" DIAMETER. RING SHALL BE 36" DIAMETER.

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17

DRIP RING - TREES IN NATIVE SEED AREAS

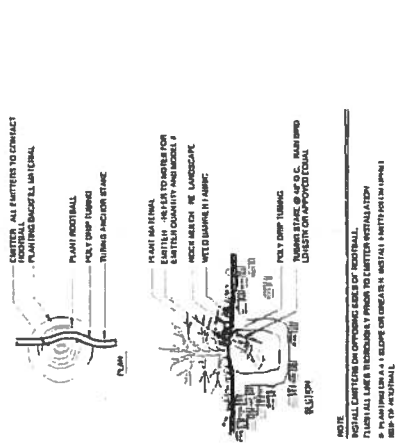


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16

TREE PLANTINGS IN BED AREAS

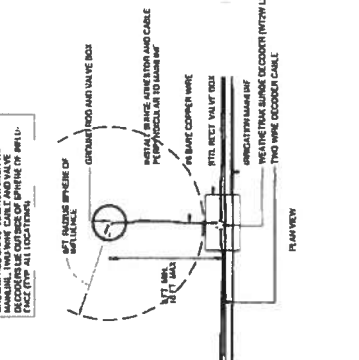


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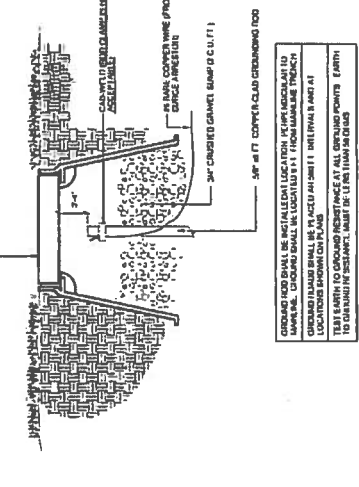
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18

TWO-WIRE SURGE ARRESTOR



NOTE: SURGE ARRESTOR SHALL BE INSTALLED IN THE CENTER OF THE RING. SURGE ARRESTOR SHALL BE INSTALLED IN THE CENTER OF THE RING. SURGE ARRESTOR SHALL BE INSTALLED IN THE CENTER OF THE RING.



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| Sheet Number: | 24-101 |

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 1480 Quail Lake Loop, Suite A
 Colorado Springs, CO 80906
 Phone: 719-534-3323 FAX: 719-227-3298
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CONSTRUCTING ENGINEERS

CONTROLLER 'A'

| Plant No. | Plant Name | Plant Location | Plant Size | Plant Type | Plant Status | Plant Notes |
|-----------|------------|----------------|------------|------------|--------------|-------------|
| A1 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A2 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A3 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A4 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A5 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A6 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A7 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A8 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A9 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A10 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A11 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A12 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A13 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A14 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A15 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A16 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A17 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A18 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A19 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A20 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A21 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A22 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A23 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A24 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A25 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A26 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A27 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A28 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A29 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A30 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A31 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A32 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A33 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A34 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A35 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A36 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A37 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A38 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A39 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A40 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A41 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A42 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A43 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A44 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A45 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A46 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A47 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A48 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A49 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A50 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |

| Plant No. | Plant Name | Plant Location | Plant Size | Plant Type | Plant Status | Plant Notes |
|-----------|------------|----------------|------------|------------|--------------|-------------|
| A51 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A52 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A53 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A54 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A55 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A56 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A57 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A58 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A59 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A60 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A61 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A62 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A63 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A64 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A65 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A66 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A67 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A68 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A69 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A70 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A71 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A72 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A73 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A74 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A75 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A76 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A77 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A78 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A79 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A80 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A81 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A82 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A83 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A84 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A85 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A86 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A87 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A88 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A89 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A90 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |

| Plant No. | Plant Name | Plant Location | Plant Size | Plant Type | Plant Status | Plant Notes |
|-----------|------------|----------------|------------|------------|--------------|-------------|
| A91 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A92 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A93 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A94 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A95 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A96 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A97 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A98 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A99 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |
| A100 | Water Tank | Water Tank | 1000 | Water Tank | Operational | |



Print Date: _____
 File Name: _____
 Horiz. Scale: As Noted
 Vert. Scale: As Noted

Project No./Code: BI 0252-423
 Structure Number: 19039
 Subject: Sheets R-36or 37

As Constructed
 No Revisions
 Revised:
 Void:

Colorado Department of Transportation
 1480 Quail Lake Loop, Suite A
 Colorado Springs, CO 80906
 Phone: 719-531-2323 FAX: 719-527-3298
 UMW

Sheet: _____
 Comments: _____
 Date: _____

TSOUVARAS SMITHS HOLDINGS
 CERRILLO ENGINEERS



D.C. Zickerman 7-18-16

CONTROLLER 'C'

| Controller No. | Quantity | Description | Unit | Price | Total |
|----------------|----------|---------------|------|-------|-------|
| C1 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C2 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C3 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C4 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C5 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C6 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C7 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C8 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C9 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C10 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C11 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C12 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C13 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C14 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C15 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C16 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C17 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C18 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C19 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C20 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C21 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C22 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C23 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C24 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C25 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C26 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C27 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C28 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C29 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| C30 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |

CONTROLLER 'B'

| Controller No. | Quantity | Description | Unit | Price | Total |
|----------------|----------|---------------|------|-------|-------|
| B1 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B2 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B3 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B4 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B5 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B6 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B7 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B8 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B9 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B10 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B11 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B12 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B13 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B14 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B15 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B16 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B17 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B18 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B19 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B20 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B21 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B22 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B23 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B24 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B25 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B26 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B27 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B28 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B29 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B30 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B31 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B32 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B33 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B34 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B35 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B36 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B37 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B38 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B39 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B40 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B41 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B42 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B43 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B44 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B45 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B46 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B47 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B48 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B49 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| B50 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |

CONTROLLER 'A'

| Controller No. | Quantity | Description | Unit | Price | Total |
|----------------|----------|---------------|------|-------|-------|
| A1 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A2 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A3 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A4 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A5 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A6 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A7 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A8 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A9 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A10 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A11 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A12 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A13 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A14 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A15 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A16 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A17 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A18 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A19 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A20 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A21 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A22 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A23 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A24 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A25 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A26 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A27 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A28 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A29 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A30 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A31 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A32 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A33 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A34 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A35 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A36 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A37 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A38 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A39 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A40 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A41 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A42 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A43 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A44 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A45 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A46 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A47 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A48 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A49 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |
| A50 | 1 | Monitor Cable | 0.45 | 0.45 | 0.45 |

Print Date: _____ File Name: _____

Plot Scale: As Noted Vert. Scale: As Noted

TSOUVARAS SWAINSONS HOLDINGS ENGINEERING CONSULTANTS

Date: _____

Comments

Initial

Sheet

Revisions

Rev.

Client

Colorado

Department of Transportation

Project No.

1480 Quail Lake Loop, Suite A Colorado Springs, CO 80906 Phone: 719-531-2323 FAX: 719-531-2277-3288

DMW

As Constructed

No Revisions

Revised

Project No./Code

IM 0232-423

Sheet Number 24 of 103

Design

19039

Sheet Sub: IRRI

Detailer

Structure Number

Sheet Sub: IRRI

EXHIBIT B – LOCAL AGENCY RESOLUTION

Colorado Springs Code Regulations

Below is a link to the City code which contains the information you requested.

http://www.sterlingcodifiers.com/codebook/index.php?book_id=855&chapter_id=62560#s740223

1.2.313: CONTRACTS:

- A. The Mayor shall have the power and duty to approve and execute, by signature, all contracts of, or on behalf of, the City, subject only to approval as to form by the City Attorney's Office in accord with section 1.2.404 of this article.

- B. It shall be the Mayor's duty to ensure that all City contracts are procured in compliance with the requirements of this Code and any related rules and regulations approved by City Council.

- C. The Mayor shall see that the terms and conditions imposed in favor of the City, and in the best interests of the citizens, in any contract or agreements be faithfully kept and fully performed. Upon knowledge of any violation of a contract or agreement, the Mayor shall make a report to the City Attorney.

- D. The Mayor may delegate, by administrative regulation, the Mayor's signatory authority for the approval and execution of contracts to the Mayoral appointees where the contractual matters fall within their area of responsibility. With the Mayor's prior approval, the Mayoral appointees may further delegate signatory authority for those purposes authorized by the Mayor.

- E. No City contract shall be approved or executed under this section unless and until sufficient funds have been appropriated by the City Council and are available for the contract. (Ord. 11-18)