

**Agenda for the
Regular Meeting of the
Englewood City Council
Monday, January 7, 2013
7:30 pm**

Englewood Civic Center – Council Chambers
1000 Englewood Parkway
Englewood, CO 80110

1. Call to Order.
2. Invocation.
3. Pledge of Allegiance.
4. Roll Call.
5. Consideration of Minutes of Previous Session.
 - a. Minutes from the Regular City Council Meeting of December 17, 2012.
6. Recognition of Scheduled Public Comment. (This is an opportunity for the public to address City Council. Council may ask questions for clarification, but there will not be any dialogue. Please limit your presentation to five minutes.)
 - a. Englewood Fire Department and Muscular Dystrophy Association will be on hand to thank Council for their continuing support.
7. Recognition of Unscheduled Public Comment. (This is an opportunity for the public to address City Council. Council may ask questions for clarification, but there will not be any dialogue. Please limit your presentation to three minutes. Time for unscheduled public comment may be limited to 45 minutes, and if limited, shall be continued to General Discussion.)

Council Response to Public Comment

Please note: If you have a disability and need auxiliary aids or services, please notify the City of Englewood (303-762-2405) at least 48 hours in advance of when services are needed.

8. Communications, Proclamations, and Appointments.
 - a. Email from the Code Enforcement Advisory Board Chair, Linda Hart, recommending the vacation of Miguel Drake as a regular board member.
 - b. Letter from Margaret Williams, announcing her resignation from the Englewood Housing Authority effective January 31, 2013.

9. Consent Agenda Items.
 - a. Approval of Ordinances on First Reading.
 - b. Approval of Ordinances on Second Reading.
 - i. Council Bill No. 70, authorizing an Intergovernmental Agreement with the Metro Gang Task Force.
 - ii. Council Bill No. 71, authorizing a pedestrian/bike path along the Littleton section of the City Ditch.
 - c. Resolutions and Motions.
 - i. Recommendation from the Department of Finance and Administrative Services, City Clerk's Office, to approve a resolution designating the bulletin board on the north side of the second floor of the Englewood Civic Center as the Official Posting Place for all Legal Notices for the City of Englewood for 2013. **Staff Source: Frank Gryglewicz, Director of Finance and Administrative Services and Loucrishia A. Ellis, City Clerk.**
 - ii. Recommendation from the Police Department to approve, by motion, the purchase of thirteen replacement marked police vehicles. Staff recommends purchasing the vehicles through the state bid for a total of \$380,072. **Staff Source: Jeff Sanchez, Deputy Chief of Police and Pat White, Fleet Manager.**
 - iii. Recommendation from the Police Department to approve, by motion, a contract to install additional equipment (weapons mounts, lighting, sirens, wiring, and interior/external features) on the new marked Police vehicles. Staff recommends awarding the contract to "Lighting, Accessory & Warning Systems" (L.A.W.S.), the lowest acceptable bidder in the amount of \$79,844.61. **Staff Source: Jeff Sanchez, Deputy Chief of Police and Pat White, Fleet Manager.**
 - iv. Recommendation from the Police Department to approve, by motion, a contract to provide necessary uniforms and equipment. Staff recommends awarding the contract to Ryders Public Safety, the lowest acceptable bidder. **Staff Source: Jeff Sanchez, Deputy Chief of Police.**

10. Public Hearing Items. (There is no Public Hearing scheduled.)

11. Ordinances, Resolutions and Motions
 - a. Approval of Ordinances on First Reading.
 - b. Approval of Ordinances on Second Reading.
 - c. Resolutions and Motions.
 - i. Recommendation from the City Managers Office that Council adopt the attached resolution authorizing the City of Englewood to enter into an agreement with Hampden Broadway, LLC for the City to provide assistance to support redevelopment of the former Flood Middle School site. **Staff Source: Michael Flaherty, Deputy City Manager.**
12. General Discussion.
 - a. Mayor's Choice.
 - b. Council Members' Choice.
13. City Manager's Report.
14. City Attorney's Report.
15. Adjournment.

To: Michael Flaherty
Subject: RE: CEAC Member Replacement request

From: [REDACTED]
Sent: Tuesday, December 11, 2012 11:05 AM
To: Michael Flaherty
Subject: Re: CEAC Member Replacement request

Hi Mike,

So sorry I forgot to reply sooner!

Let this serve as notice that as Chair of the CEAC committee, I am requesting the city council replace Miguel Drake as a committee member because he has had an excess number of unexcused absences as per CEAC by-law requirements.

Thanks,

Linda Hart

CEAC Chair

Margaret Williams
3425 S. Sherman Street #105
Englewood, CO 80113

November 28, 2012

Mr. Randy Penn, Mayor
City of Englewood
1000 Englewood Parkway
Englewood, CO 80110

Re: Resignation as Commissioner
Englewood Housing Authority

Dear Mayor Penn,

Effective January 31, 2013 please accept my resignation as Commissioner on the Englewood Housing Authority Board. I have enjoyed my term as Commissioner and have great respect for the Board Members. However, my health does not permit me to continue to serve as Commissioner and I must resign.

I appreciate the opportunity to be part of the Englewood Housing Authority Board. Please contact me if you need additional information.

Yours truly,

Margaret Williams

BY AUTHORITY

ORDINANCE NO. _____
SERIES OF 2012/2013

COUNCIL BILL NO. 70
INTRODUCED BY COUNCIL
MEMBER GILLIT

AN ORDINANCE AUTHORIZING AN INTERGOVERNMENTAL MEMORANDUM OF UNDERSTANDING FOR PARTICIPATING AGENCIES ENTITLED "METRO GANG TASK FORCE (MGTF)".

WHEREAS, the Metro Gang Task Force was established to provide a collaborative federal, state and local law enforcement effort to identify, target and address organized gang-related groups involved in drug trafficking and/or violence; and

WHEREAS, the Metro Gang Task Force is a multi-agency task force which includes several State and local entities, including the FBI and ICE; and

WHEREAS, agencies participating in this project recognize that combating violent gangs and drugs is of paramount importance to our communities; and

WHEREAS, with united efforts, our resources will be better utilized and our investigative efforts will be more fruitful on behalf of the communities the MGTF serve; and

WHEREAS, the Englewood Police Department would commit and assign personnel to the Metro Gang Task Force; and

WHEREAS, the passage of this Ordinance authorizes the City of Englewood to participate in the Metro Gang Task Force (MGTF).

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ENGLEWOOD, COLORADO, AS FOLLOWS:

Section 1. The City Council of the City of Englewood, Colorado hereby authorizes the Intergovernmental Agreement for the City of Englewood to participate in the Metro Gang Task Force, attached hereto as "Exhibit A".

Section 2. The Englewood City Council hereby authorizes the Mayor to sign the agreement for and on behalf of the City of Englewood, attached as Exhibit A.

Introduced, read in full, and passed on first reading on the 17th day of December, 2012.

Published by Title as a Bill for an Ordinance in the City's official newspaper on the 21st day of December, 2012.

Published as a Bill for an Ordinance on the City's official website beginning on the 19th day of December, 2012 for thirty (30) days.

Read by title and passed on final reading on the 7th day of January, 2013.

Published by title in the City's official newspaper as Ordinance No. ____, Series of 2012/2013, on the 11th day of January, 2013.

Published by title on the City's official website beginning on the 9th day of January, 2013 for thirty (30) days.

Randy P. Penn, Mayor

ATTEST:

Loucrishia A. Ellis, City Clerk

I, Loucrishia A. Ellis, City Clerk of the City of Englewood, Colorado, hereby certify that the above and foregoing is a true copy of the Ordinance passed on final reading and published by title as Ordinance No. ____, Series of 2012/2013.

Loucrishia A. Ellis

Metro Gang Task Force (MGTF)

MEMORANDUM OF UNDERSTANDING FOR PARTICIPATING AGENCIES

METRO GANG TASK FORCE

MEMORANDUM OF UNDERSTANDING

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Purpose

The purpose of this Memorandum of Understanding is to establish general guidelines for a multi-agency task force to address organized gang-related crime. Through the spirit of cooperative efforts and a strong commitment to combat organized gang-related drug trafficking and violence, the *Metro Gang Task Force* is formed. Agencies participating in this project recognize that combating violent gangs and drugs is of paramount importance to our communities. Through our united efforts, our resources will be better utilized and our investigative efforts will be more fruitful on behalf of the communities we serve. The participating agencies are committed to cooperative efforts and full information sharing through their participation in the Metro Gang Task Force.

Mission Statement

The mission of the Metro Gang Task Force is to provide a collaborative federal, state and local law enforcement effort to identify, target and address organized gang-related groups involved in drug trafficking and/or violence. The Metro Gang Task Force will utilize sophisticated long-term investigative approaches, including undercover surveillance operations, the purchase of evidence and information, and electronic surveillance to disrupt and dismantle targeted gang organizations.

Policy Statement

The Metro Gang Task Force Board of Directors shall adopt appropriate standard operating procedures for the Task Force. These operating procedures are intended to provide guidelines to give proper guidance to Task Force operations. They are not intended to supersede any of the participating agencies own policies and procedures.

These procedures are intended as guidelines and the Board of Directors may supersede any of the approved standard operating procedures when applicable. Changes to the standard operating procedures shall require a majority vote of the Board of Directors to ratify the change. Any recommended changes to the standard operating procedures shall be forwarded through the chain of command and presented to the Board of Directors, if appropriate.

In recognition of certain financial and equipment support to the task force, the Board of Directors agrees to affiliate with the FBI Safe Streets Task Force Initiative. This affiliation does not alter the basic structure, management, or oversight of Task Force operations as described in this document.

MGTF Board of Directors

The Metro Gang Task Force will have a Board of Directors. The Board of Directors will consist of a representative or their designee from the agencies participating in the Metro Gang

Task Force. A participating agency is defined as any agency that has an individual assigned to the Metro Gang Task Force on a full-time basis.

The Board of Directors will be responsible for the following:

1. The Board of Directors will utilize pooled intelligence resources of the participating entities, the Project Director and supervisors, to prioritize and mutually decide upon cases/groups that will be targeted by the Task Force.
2. The Board of Directors will address any issues of mutual concern to the participants of the Metro Gang Task Force. This may include budget matters, matters of policy and procedure and other matters.
3. Annually, the Board of Directors will mutually agree upon project goals and objectives for the coming year.
4. The Board of Directors will meet quarterly to facilitate the accomplishment of MGTF goals and communicate on issues of mutual concern. The Project Director will brief the Board of Directors on relevant issues.
5. The Board of Directors will resolve any interagency conflicts that may arise during the operation of this project.
6. A majority of the entire Board shall constitute a quorum. The Board shall transact no business unless a quorum is present. In all matters requiring a vote of the Board of Directors, a simple majority shall prevail. In the case of a tie vote, the Project Director may cast a vote for the purpose of breaking the tie.
7. The Board of Directors will have the final determination on all matters that cannot be resolved by the Project Director.
8. The Board of Directors shall act as the Seizure Board for monies seized by the Metro Gang Task Force. The Board of Directors shall make appropriate decisions regarding the expenditure or utilization of MGTF seizure money.

Project Director

The Metro Gang Task Force will have a designated Project Director. The Project Director will be a command officer from the Aurora Police Department selected by the Aurora Police Chief. The Board of Directors must ratify the selection of the Project Director. If the Board of Directors is unable to ratify the selection with a majority vote, then arrangements will be made to meet with the Aurora Police Chief to select a mutually agreed upon Project Director.

The Project Director will oversee and coordinate the operation of the Metro Gang Task Force on a daily basis. The Project Director will manage all administrative and operational issues to

include, but not limited to, the budget, grants, personnel, purchasing and other related issues. The Project Director will facilitate the flow of relevant information to the Board of Directors.

Task Force Supervisors

A great strength of the task force model is the diversity of personnel and resources that can be brought together to achieve MGTF goals. Bringing these varied resources together will inevitably result in conflicts involving the perspectives, policies, and missions of participating agencies. Task Force supervisors will actively work together to minimize these conflicts. Task Force supervisors will conduct MGTF investigations in a manner that will best accomplish MGTF goals, but in a manner that will also respect the concerns of participating agencies.

Task Force supervisors are those individuals assigned to the Metro Gang Task Force by participating agencies with their respective supervisory rank. The Task Force supervisors are responsible for the day-to-day operations of the project. They are responsible for: supervising project participants, monitoring, directing, coordinating and planning of investigations, case management, personnel training and evaluation, and any other supervisory related function relevant to Task Force personnel or operations. They will report to the Project Director. All supervisors are required to work together in the spirit of teamwork and share necessary information and resources.

Task Force supervisors will ensure that appropriate reports, forms and documentation will be completed in an accurate and timely fashion. Task Force supervisors and the Project Director will ensure that the policies and procedures adopted by the Board of Directors regarding the operation of Metro Gang Task Force will be adhered to by all participating members.

The Special Agent in Charge of the Denver Division of the FBI will designate one Supervisory Special Agent as a Task Force supervisor. This Supervisory Special Agent will be responsible for the direct supervision of all FBI personnel and assets assigned to the Task Force.

The FBI Supervisory Special Agent will also coordinate with other Task Force supervisors and the Project Director to ensure that all MGTF investigations opened as FBI investigations are conducted in compliance with any applicable FBI policies, United States Attorney General's Guidelines, and applicable funding policies under the FBI Safe Streets Initiative.

Program Specialist

The Task Force will be staffed with a Program Specialist. This position will answer to the Project Director. Under the terms of the grant, the position is a contract employee position. The Project Director will administer an annual contract between the Program Specialist and the grant funding source. The Program Specialist's responsibilities will be clearly defined in the contract.

In addition to those obligations contained in the contract, the primary responsibility for the Program Specialist will be management of the MGTF office and to conduct unannounced cash-

on-hand inspections to insure appropriate voucher/documents have been filed and that all cash resources are present and accounted for.

The Program Specialist will be responsible for the financial and statistical record keeping associated with Metro Gang Task Force. The Program Specialist will report those statistics to the Task Force participants. The Program Specialist will facilitate communication with the Board of Directors and other members of MGTf as needed.

MGTf Investigations

All investigations at Metro Gang Task Force will be coordinated through the Task Force supervisors. Participants are strictly prohibited from conducting investigations without supervisory permission. The Project Director will appropriately forward case information to the Board of Directors during the quarterly Board of Directors meeting. All investigations shall be initiated and conducted pursuant to the adopted standard operating procedures of MGTf.

When MGTf personnel engage in enforcement action(s), they will notify a supervisor or acting supervisor from that jurisdiction as soon as practicable unless release of that information would jeopardize the case.

When a long-term case, as defined in the Metro Gang Task Force SOP, is initiated, the Metro Gang Task Force supervisor will attempt to assign an MGTf officer from the jurisdiction where the investigation is centered as a co-case agent to assist when practicable.

For FBI administrative purposes, all MGTf cases opened as FBI investigations will be entered into the relevant FBI computer system.

Intelligence/Staff Meetings

The timely coordination and communication of investigative information is of paramount importance. Participating agencies agree to fully coordinate and communicate regarding investigations. To facilitate this open communication policy, all members of Metro Gang Task Force will, when practicable, meet monthly. The times of these meetings will be posted at MGTf.

Personnel assigned to the Task Force may utilize report forms and reporting formats required by their respective agency. For reasons of continuity and expedience, the Task Force may, however, develop certain forms to aid in arrest planning, surveillance activity, case tracking and related matters. An officer assigned to the Metro Gang Task Force will not be required to prepare or utilize a Task Force developed form, if such use is contrary to their agency's policies, practices, or regulations.

All investigative intelligence and information developed within or generated by an agency remains the property of the agency from which it was obtained. Each participating agency will

control the dissemination of their information in accordance with the law and that agency's established disclosure policies. Members must obtain documented permission from the controlling agency prior to the disclosure of information outside the Metro Gang Task Force agencies.

MGTF Facility Security

Metro Gang Task Force participants agree to keep the Task Force office as a covert operational site. It is essential that participating agencies ensure that their officers adhere to all office security guidelines outlined in the standard operating procedures.

UNDER NO CIRCUMSTANCES WILL INFORMANTS, ARRESTEES, THE MEDIA OR UNAUTHORIZED CIVILIANS BE INFORMED OF THE LOCATION OR BROUGHT TO THE METRO GANG TASK FORCE OFFICE.

Under general circumstances, mail will not be sent directly to the covert off-site location. Mail may be addressed to the Metro Gang Task Force c/o Aurora Police Department, 15001 East Alameda Parkway, Aurora, CO 80012.

Asset Forfeiture

Participants in the Metro Gang Task Force agree that assets forfeited and received by Metro Gang Task Force will be utilized primarily for the continued funding of the Metro Gang Task Force. This money may be utilized to acquire equipment and resources necessary for the activities of MGTF. Funds may also be utilized as matching funds for grant requirements to further the continued existence of the Task Force.

The Board of Directors will function as the Seizure Board for Metro Gang Task Force and may disperse seized assets awarded to MGTF in any manner that is permitted by state or federal guidelines. Any expenditure of forfeited MGTF funds requires approval by a majority of the Board of Directors.

Under normal circumstances, Seizure Board business shall be conducted at the regularly scheduled Board of Directors meetings. Metro Gang will keep a record of any disbursement or expenditure of seizure monies.

If the Project Director determines that there is an urgent need to expend seizure monies, he/she may contact members of the Board of Directors by phone or by email to receive approval. A permanent record of this communication shall be maintained at Metro Gang.

MGTF will comply with the U.S. Department of Justice's requirements for the equitable sharing of federally forfeited property for state and local law enforcement agencies.

Media Information Release Policy

Each participating agency at Metro Gang Task Force agrees to abide by the standard operating procedure regarding the release of information to the media. No member of the Metro Gang Task Force will release case information to the media without permission from the Project Director.

Equipment

Each participating agency is responsible for providing the necessary equipment for their member(s) assigned to MGTF. Each agency will be responsible for the security and inventory of their own equipment. The equipment provided to MGTF will remain the property of the contributing agency, which will be solely responsible for the maintenance, repair and security of said equipment.

Equipment owned by the task force may be signed out to members of a participating agency on an as-needed basis. Each participating agency agrees to replace or repair MGTF equipment if said equipment is lost or damaged while in their employee's possession or custody.

Vehicles

In furtherance of this MOU, and pursuant to a Safe Streets Task Force designation, MGTF members may be permitted to drive FBI owned or leased vehicles for official MGTF business and only in accordance with MGTF policies and procedures and applicable FBI rules and regulations, including those outlined in the FBI Manual of Administrative Operations and Procedures (MAOP), Part I, Section 3.1. The assignment of an FBI owned or leased vehicle to a MGTF member will require the execution of a separate Vehicle Use Agreement. *

The participating agencies agree that FBI vehicles will not be used to transport passengers unrelated to MGTF business.

The FBI and the United States will not be responsible for any tortious act or omission on the part of MGTF and/or its employees or for any liability resulting from the use of an FBI owned or leased vehicle utilized by an MGTF member, except where liability may fall under the provisions of the Federal Tort Claims Act (FTCA), as discussed in the Liability Section herein below.

The FBI and the United States shall not be responsible for any civil liability arising from the use of an FBI owned or leased vehicle by an MGTF task force member while engaged in any conduct other than his or her official duties and assignments under this MOU.

To the extent permitted by applicable law, participating agencies agree to hold harmless the FBI and the United States, for any claim for property damage or personal injury arising from *

any use of an FBI owned or leased vehicle by an MGTF member which is outside the scope of his or her official duties and assignments under this MOU.

Normally only City of Aurora employees may operate Task Force vehicles that are owned or leased by the City of Aurora. Other Task Force members must receive specific direction from an Aurora Task Force supervisor prior to operating a vehicle owned or leased by the City of Aurora.

Personnel

Participating agencies assigning personnel to Metro Gang Task Force are asked to make that person available on a full-time basis. This will allow MGTF to staff investigations in a predictable manner. If circumstances require that an agency participate on less than a full-time basis, nothing in this section shall prohibit that.

Participating agencies are asked to assign personnel to Metro Gang Task Force for a minimum of three (3) years. This will allow for an investigator to receive a security clearance, appropriate training, and to gain the experience necessary to maximize productivity. It is understood that circumstances may exist where an assignment for less than three (3) years is appropriate.

Each participating agency will maintain responsibility for the actions, both personal and professional, of its respective employees. Each participating member will be subject to the laws, regulations, policies, and personnel rules applicable to members of their respective agency.

Salary/Overtime Compensation

Participating agencies agree to assume all personnel costs for their MGTF representatives, including salaries, overtime payments and fringe benefits consistent with their respective agency.

Pursuant to Safe Streets Task Force designation and subject to funding availability and legislative authorization, the FBI may reimburse to Local and State participating agencies the cost of overtime worked by non-federal MGTF members assigned full-time to MGTF, provided overtime expenses were incurred as a result of MGTF related duties. A separate Cost Reimbursement Agreement (CRA) must be executed between the FBI and each Local and State participating agency for full-time employee(s) assigned to MGTF, consistent with regulations and policy. Otherwise, overtime shall be compensated in accordance with applicable Local and State participating agency overtime provisions and shall be subject to the prior approval of appropriate personnel.

Security Clearances and Deputations

The FBI maintains specific secure office space and computer networks within the MGTF facility. A security clearance is required to access FBI secured space and networks.

Local and State law enforcement personnel assigned to the Task Force will have an opportunity to apply for a security clearance sponsored by the FBI. Nothing in this section shall require that a clearance be obtained. Participating members who do not elect to acquire a security clearance will not be allowed to access the FBI secured space and computer networks.

Local and State law enforcement personnel assigned to the MGTF, will be eligible to receive a federal General Title 21 Deputation Authority sponsored by the FBI. These deputations should remain in effect throughout the tenure of each investigator's assignment to the MGTF, or until the termination of the MGTF, whichever comes first. This deputation will have no impact on the administrative and personnel policies of participating agencies affecting their Task Force members.

Prosecution

To the degree possible, MGTF investigations will be conducted in a manner that will allow cases to be prosecuted under both federal and state prosecution procedures. At an appropriate time, a determination will be made for each case regarding whether to prosecute the case at the federal or state level. This determination will be based on the evidence obtained and a consideration of which level of prosecution would be of the greatest benefit to the overall objectives of the MGTF.

In the event that a state or local matter is developed that is outside the jurisdiction of the FBI or it is decided to prosecute a MGTF case at the state or local level, the FBI agrees to provide all relevant information to state and local authorities.

Deadly Force and Shooting Incident Policies

Members of the MGTF will follow their own agency's policies concerning firearms discharge and use of deadly force.

Funding

This MOU is not an obligation or commitment of funds, nor a basis for transfer of funds, but rather is a basic statement of the understanding between the parties hereto of the tasks and methods for performing the tasks described herein. Unless otherwise agreed in writing, each party shall bear its own costs in relation to this MOU. Expenditures by each party will be subject to its budgetary processes and to the availability of funds and resources pursuant to applicable laws, regulations and policies. The parties expressly acknowledge that the above language in no way implies that Congress will appropriate funds for such expenditures.

Liability

Participating agencies acknowledge that this MOU does not alter the applicable law governing civil liability, if any, arising from the conduct of personnel assigned to the MGTf.

Participating members shall immediately notify a Task Force supervisor of any civil, administrative, or criminal claim, complaint, discovery request, or other request for information of which the agency receives notice, concerning or arising from the conduct of personnel assigned to the MGTf or otherwise relating to the MGTf. Upon receiving such notification, a Task Force supervisor will immediately make appropriate notification of the situation to the Project Director and any affected participating agencies.

In the event that a civil claim or complaint is brought against a state or local officer assigned to the MGTf, the officer may request legal representation and/or defense by DOJ, under the circumstances and pursuant to the statutes and regulations identified below.

For the limited purpose of defending against a civil claim arising from alleged negligent or wrongful conduct under common law under the FTCA, 28 U.S.C. § 1346(b), and §§ 2671-2680: An officer who has been specially deputized and who is named as a defendant in a civil action as a result of or in connection with the performance of his or her official duties and assignments pursuant to this MOU may request to be certified by the Attorney General or his designee as having acted within the scope of federal employment at the time of the incident giving rise to the suit. 28 U.S.C. § 2679(d)(2). Upon such certification, the officer will be considered an "employee" of the United States government for the limited purpose of defending the civil claim under the FTCA, and the claim will proceed against the United States as sole defendant. 28 U.S.C. § 2679(d)(2). Once an individual is certified as an employee of the United States for purposes of the FTCA, the United States is substituted for the employee as the sole defendant with respect to any tort claims. Decisions regarding certification of employment under the FTCA are made on a case-by-case basis, and the FBI cannot guarantee such certification to any MGTf member.

For the limited purpose of defending against a civil claim arising from an alleged violation of the U.S. Constitution pursuant to 42 U.S.C. § 1983 or Bivens v. Six Unknown Named Agents of the Federal Bureau of Narcotics, 403 U.S. 388 (1971): An officer who has been specially deputized and who is named as a defendant in a civil action as a result of or in connection with the performance of his or her official duties and assignments pursuant to this MOU may request individual-capacity representation by DOJ to defend against the claims. 28 C.F.R. §§ 50.15, 50.16. Any such request for individual-capacity representation must be made in the form of a letter from the individual defendant to the U.S. Attorney General. The letter should be provided to Chief Division Counsel (CDC) for the FBI Denver Division, who will then coordinate the request with the FBI Office of the General Counsel. In the event of an adverse judgment against the individual officer, he or she may request indemnification from DOJ. 28 C.F.R. § 50.15(c)(4). Requests for DOJ representation and indemnification are determined by DOJ on a case-by-case basis. The FBI cannot guarantee the United States will provide legal representation or indemnification to any federal, state or local law enforcement officer.

Liability for any conduct by an MGTF member undertaken outside of the scope of his or her assigned duties and responsibilities under this MOU shall not be the responsibility of the FBI or the United States and shall be the sole responsibility of the respective employee and/or agency involved.

Duration

The term of this MOU is for the duration of the MGTF's operations, contingent upon approval of necessary funding, but may be terminated at any time upon written mutual consent of the agency involved.

Any participating agency may withdraw from the MGTF at any time by written notification to the MGTF Project Director at least 30 days prior to withdrawal.

Conclusion

The Board of Directors may add or delete to this document as deemed necessary. Such addition or deletion shall be reduced to writing and approved by a majority of the Board of Directors.

This document is intended to provide guidance to MGTF participants and will not supersede any agency's policies and procedures.

The undersigned MGTF participant representatives are committed to the cooperative environment that must exist to ensure the success of this important endeavor.

BY AUTHORITY

ORDINANCE NO. _____
SERIES OF 2012/2013

COUNCIL BILL NO. 71
INTRODUCED BY COUNCIL
MEMBER OLSON

AN ORDINANCE AUTHORIZING AN INTERGOVERNMENTAL AGREEMENT BETWEEN THE CITY OF LITTLETON AND THE CITY OF ENGLEWOOD, COLORADO FOR THE DEVELOPMENT AND OPERATION OF A PEDESTRIAN AND BICYCLE TRAIL ALONG THE CITY DITCH IN THE CITY OF LITTLETON FROM PRENTICE AVENUE TO LITTLETON BOULEVARD.

WHEREAS, the City of Englewood is cooperating with the City of Littleton in the development, by Littleton of a pedestrian and bicycle trail; and

WHEREAS, the City of Littleton submitted an Intergovernmental Agreement for constructing a part of that pedestrian/bike trail along a section of the City Ditch from Prentice Avenue to West Littleton Boulevard; and

WHEREAS, the Englewood Water and Sewer Board reviewed Littleton's proposal at their meeting on January 12, 2010 and had specific requirements regarding where the bike trail was in conjunction with open and piped sections of the City Ditch; and

WHEREAS, this segment of the Littleton Community Trail will generally follow the City Ditch; and

WHEREAS, the City of Englewood owns and controls the City Ditch; and

WHEREAS, intergovernmental agreements are authorized by Article XIV, Section 18 of the Colorado Constitution and C.R.S. § 29-1-203; and

WHEREAS, improvements necessary for the Littleton Community Trail are outlined in the Agreement and Exhibits; and

WHEREAS, the City of Englewood is requiring safety requirements to protect the City of Englewood's water source and to prevent users from contaminating the City Ditch; and

WHEREAS, the Englewood Water and Sewer Board's issues have been addressed in the Intergovernmental Agreement.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ENGLEWOOD, COLORADO, AS FOLLOWS:

Section 1. The City Council of the City of Englewood, Colorado hereby authorizes the Intergovernmental Agreement between the City of Littleton and the City of Englewood, Colorado pertaining to a certain section of the proposed Littleton Community Trail, attached hereto as "Exhibit A".

Section 2. The Mayor is hereby authorized to sign and the City Clerk to attest said Intergovernmental Agreement for and on behalf of the City of Englewood, Colorado.

Introduced, read in full, and passed on first reading on the 17th day of December, 2012.

Published by Title as a Bill for an Ordinance in the City's official newspaper on the 21st day of December, 2012.

Published as a Bill for an Ordinance on the City's official website beginning on the 19th day of December, 2012 for thirty (30) days.

Read by title and passed on final reading on the 7th day of January, 2013.

Published by title in the City's official newspaper as Ordinance No. ____, Series of 2012/2013, on the 11th day of January, 2013.

Published by title on the City's official website beginning on the 9th day of January, 2013 for thirty (30) days.

Randy P. Penn, Mayor

ATTEST:

Loucrishia A. Ellis, City Clerk

I, Loucrishia A. Ellis, City Clerk of the City of Englewood, Colorado, hereby certify that the above and foregoing is a true copy of the Ordinance passed on final reading and published by title as Ordinance No. ____, Series of 2012/2013.

Loucrishia A. Ellis

INTERGOVERNMENTAL AGREEMENT

This Intergovernmental Agreement (this "Agreement"), is made and entered into as of the _____ day of _____, 201__, by and between the CITY OF ENGLEWOOD, COLORADO, a municipal corporation of the State of Colorado ("Englewood"), and the CITY OF LITTLETON, COLORADO, a municipal corporation of the State of Colorado ("Littleton"). Collectively to be known as the "Parties."

WHEREAS, Englewood and Littleton are cooperating in the development and operations of a pedestrian and bicycle trail within the city limits of Littleton from Prentice Avenue to Lee Gulch (the "Trail"); and,

WHEREAS, segments of the Trail will generally follow the City Ditch, which ditch rights are owned and controlled by Englewood (the "City Ditch"); and,

WHEREAS, the open sections and piped sections of the City Ditch have differing requirements; and

WHEREAS, there is a need for coordinated planning, design, construction, operations and maintenance of the Trail consistent with the function and operation of the City Ditch by Englewood; and

WHEREAS, intergovernmental agreements are authorized by Article XIV, Section 18 of the Colorado Constitution and C.R.S. § 29-1-203; and

WHEREAS, Littleton is authorized by Section 67 of its City Charter to enter into cooperative agreements with other governmental bodies.

NOW, THEREFORE, Englewood and Littleton agree as follows:

A. Trail Improvement Plans:

1. The proposed improvements necessary for the Trail (the "Improvements") are detailed on the plans (the "Plans") in Exhibit A, attached hereto and incorporated herein by this reference. Englewood hereby grants to Littleton the right to access, construct, operate and maintain the Trail and Improvements in accordance with the terms of this Agreement.
2. Except as noted on the Plans, the Trail will be located at least 25 feet from the centerline of open sections of the City Ditch. Where the Trail is located within 25

feet from the centerline of open sections of the City Ditch, Littleton shall install signage, in the locations noted on the Plans, to discourage Trail users from leaving the Trail or entering or otherwise contaminating the City Ditch. Where the Trail crosses open sections of the City Ditch, Littleton shall install the Improvements, in accordance with the Plans, to prevent Trail users from entering the City Ditch at such crossings.

B. Construction, Operation and Maintenance of the Trail:

1. Littleton will be responsible for construction of the Trail and Improvements. Littleton shall endeavor to begin construction in 2013 and conclude construction in 2014, provided however, Littleton shall not be in default hereunder for failure to either begin or end construction by the above-recited dates.
2. Littleton will be responsible for maintenance of the Trail and Improvements in accordance with the standards and practices of South Suburban Parks and Recreation District ("SSPRD") and consistent with other SSPRD facilities. Such maintenance activities shall include:
 - a. Removal of litter and debris from the Trail;
 - b. Managing vegetation along the Trail, including mowing of Trail shoulders, trimming of hazardous limbs from trees, maintenance of irrigation systems and removal of noxious weeds along the Trail using a method approved by Englewood for use near its water source;
 - c. Maintaining Trail surfaces, signage, rest areas, furnishings, and trash receptacles;
 - d. Removal of snow from concrete portions of the Trail only (snow shall not be removed from the portions of the Trail that are gravel or other non-concrete material);
 - e. Removing or painting over graffiti; and
 - f. Repairing structural damage to bridges, Trail surfaces, and retaining walls.
3. Littleton shall use reasonable measures to control vandalism, dumping and contamination of open sections of the City Ditch along the Trail, including storm water run-off from the Trail.
4. Englewood retains the right to close the Trail for any reason related to the safe and secure operations of the City Ditch. Upon such closure, Englewood shall promptly notify Littleton.

5. Littleton acknowledges and agrees that Englewood uses the City Ditch to transport its drinking water. Littleton is hereby acknowledging that the Trail is incidental to the priority use of the City Ditch as Englewood's drinking water supply. Littleton further agrees that should there be a conflict between the priority use of the City Ditch by Englewood for its drinking water supply and Littleton's recreational use, the safety and continuation of Englewood's use shall control.
6. Both parties acknowledge that Englewood intends to pipe the entire length of the City Ditch and that Englewood will vigorously oppose historic designation along the City Ditch and the proposed bike path.
7. Littleton intends to construct the Trail in two phases. Prior to construction of each applicable phase, Littleton shall provide to Englewood any revisions to the Plans (the "Revised Plans") and a title opinion that Littleton has acquired a legal right to construct, operate and maintain the Trail from all property owners for property on which the applicable phase of the Trail is located and that the proposed recreational use of the Trail, for such phase, is a legally acceptable use under any such grants. Upon review and approval of such title opinion and Revised Plans, if any, Englewood shall issue to Littleton a Notice to Proceed, and Littleton shall be entitled to rely on such Notice to Proceed as approval by Englewood to construct that phase of the Trail in accordance with the Plans or Revised Plans, as appropriate.
8. Littleton shall comply and satisfy all requirements of any existing utility or right-of-way crossings affected by the Trail or any Trail related structures along the City Ditch.
9. Should Littleton elect not to continue to operate the Trail, because Englewood has closed the Trail or otherwise, Littleton shall notify Englewood, and this Agreement shall terminate with neither party having any further obligations hereunder, except that Littleton shall remove the Improvements and restore the Trail area, as much as reasonably possible, to its condition on the date of this Agreement.
10. The maintenance responsibilities under this Agreement may be assigned by Littleton to SSPRD, provided however any communication or coordination regarding such maintenance responsibilities will occur between Englewood and Littleton, and not between Englewood and SSPRD.

C. Miscellaneous Provisions

1. Should any one or more provisions of this Agreement be determined to be illegal or unenforceable, all other provisions nevertheless shall remain effective; provided, however, the Parties shall forthwith enter into good faith negotiations and proceed with due diligence to draft a provision that will achieve the original intent of the Parties hereunder.
2. This Agreement may be amended, modified, or changed, in whole or in part, only by written agreement duly authorized and executed by the Parties and the authorized signatories for the Parties.
3. All notices, demands, requests and other communications required or permitted hereunder shall be in writing and shall be deemed delivered when actually received or, if earlier, and regardless whether actually received or not, three days after deposit in the United States Mail, first class, postage prepaid, registered or certified addressed as follows:

Englewood:

City of Englewood
City Manager
1000 Englewood Parkway
Englewood, CO 80110

With a copy to:
City Attorney
1000 Englewood Parkway
Englewood, CO 80110

Littleton:

City of Littleton
City Manager
2255 W. Berry Avenue
Littleton, CO 80120

With a copy to:
City Attorney
2255 W. Berry Avenue
Littleton, CO 80120

4. This Agreement shall be governed by, and shall be construed in accordance with, the laws of the State of Colorado. Venue for the trial of any action arising out of any dispute hereunder shall be in Arapahoe County District Court, pursuant to the appropriate rules of civil procedure.
5. This Agreement constitutes the entire agreement of the Parties hereto. The Parties agree that there have been no representations made regarding the subject matter hereof other than those, if any, contained herein, that this Agreement constitutes the entire agreement of the Parties with respect to the subject matter hereof, and further agree that the various promises and covenants contained herein are mutually agreed upon and are in consideration of one another.
6. This Agreement may be executed in counterparts, and upon full execution thereof, such copies taken together shall be deemed to be a full and complete Agreement between the parties.
7. If litigation is commenced by any of the Parties concerning this Agreement, the prevailing Party shall be entitled to recover its reasonable attorney's fees and costs from the other Parties.

IN WITNESS WHEREOF, Englewood and Littleton have executed this Agreement.

ATTEST:

CITY OF ENGLEWOOD:

By: _____
 Lourishia A. Ellis
 City Clerk

By: _____
 Randy P. Penn, Mayor

ATTEST:

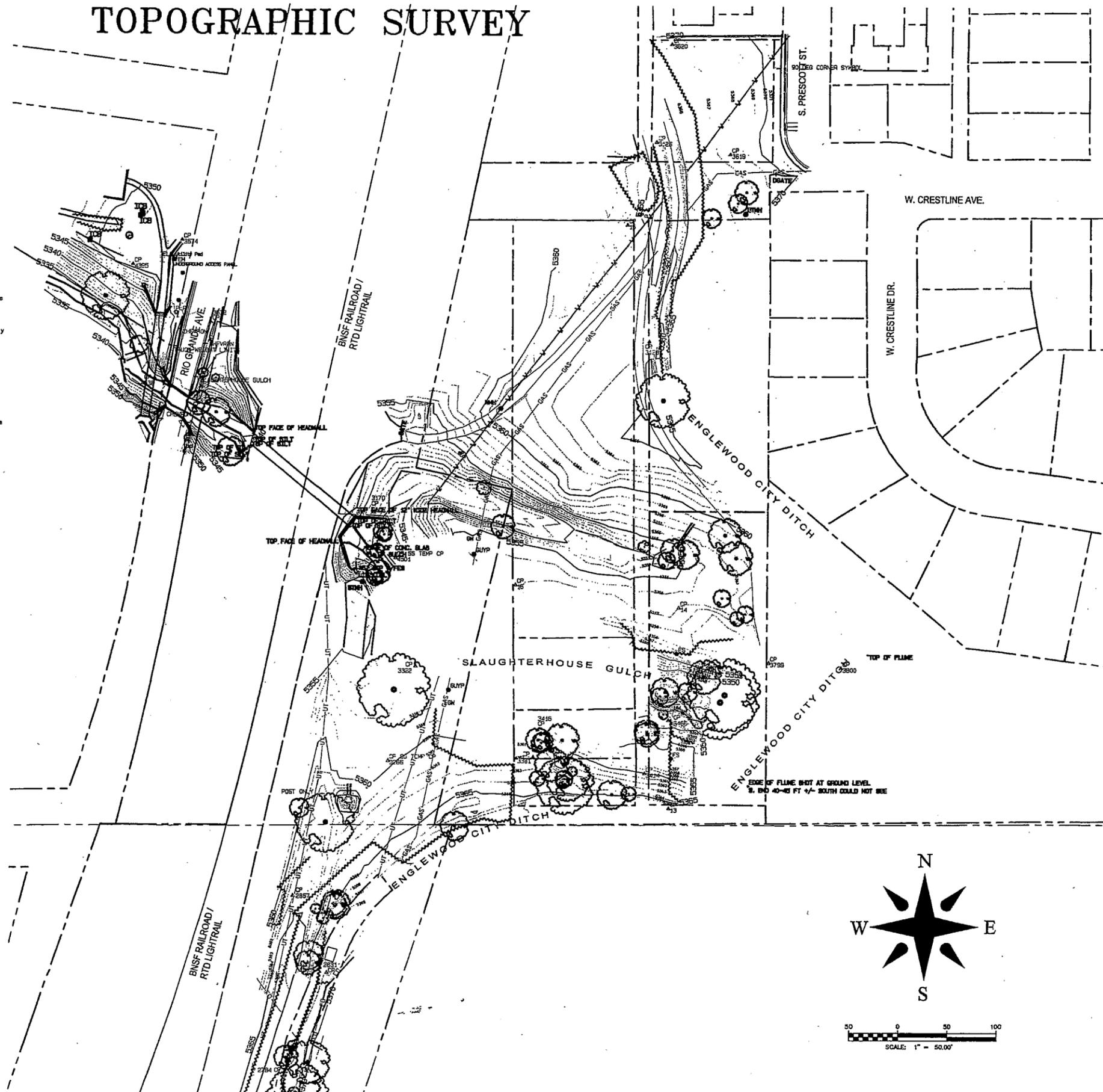
CITY OF LITTLETON:

By: _____

By: _____

APPROVED AS TO FORM:

TOPOGRAPHIC SURVEY



SURVEYOR'S CERTIFICATE

I, Albert V. Valletta, Jr., a Registered Professional Land Surveyor in the State of Colorado, do hereby certify only to SSPRD, that during June and July, 2010, a topographic survey was conducted under my supervision using the normal standard of care of Professional Land Surveyors practicing Colorado and the map hereon accurately represents said survey, to the best of my knowledge.

This drawing does not represent a Land Survey, Land Survey Plat, Improvement Land Survey Plat or Improvement Location Certificate and any monuments or boundary lines shown are for information only and are not to be relied on.



WSSI Job No: 08137:134
 Prepared For and on Behalf of
 WESTERN STATES SURVEYING, INC.
 12753 South Parker Road, Suite 205
 Parker, Colorado 80134
 (303) 841-7438
 By: Albert V. Valletta, Jr., P.L.S. 23524

NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

SURVEYOR'S NOTES:

DATUM & BENCH MARK

This survey is referenced to the CGS vertical Datum and originates from the following Bench mark:
 Q 23, a CGS benchmark disk in concrete, marked "Q 23 1929". Elevation=5385.24 feet (NAVD 88).

COORDINATE SYSTEM

US State Plane 1983
 Datum: NAD 1983 (Geoid)
 Zone: Colorado Central 0502
 Project latitude: N39°06'35.63888"
 Project longitude: W105°00'58.42289"
 Ground scale factor: 1.000301285
 False northing offset: -496.337 ft
 False easting offset: -944.922 ft
 Project height: 5307.693 ft

CONTROL POINTS AND DATUM

This survey is referenced to a modified ground coordinate system based on the Arapahoe County horizontal Datum Phase 7 and originates from the following Control Monuments:

POINT	NORTH	EAST	ELEV	DESCRIPTION
23	1835813.88	3134328.48	5385.24	CP and Benchmark Q 23
1037	1850451.30	3139890.87	5378.93	Aluminum Cap PLS 14115
1054	1850435.34	3137247.82	5341.99	Aluminum Cap PLS 14115
2010	1849243.07	3137065.79	5351.23	Benchmark S23

The following local control monuments were set during the survey:

10	1649315.24	3138110.51	5374.64	CP #4 rebar with 2" Aluminum Cap marked "WSSI CP 10"
11	1649456.89	3138183.88	5378.87	CP brass tag marked "WSSI CP 11"
12	1649823.26	3138422.90	5378.70	CP spike in asphalt
13	1650462.07	3138777.31	5368.95	CP #4 rebar with 2" Aluminum Cap marked "WSSI CP 13"
14	1650669.24	3138786.46	5357.93	CP #4 rebar with 2" Aluminum Cap marked "WSSI CP 14"
15	1651063.03	3138730.53	5364.40	CP #4 rebar with 2" Aluminum Cap marked "WSSI CP 15"
16	1650982.05	3138819.21	5357.52	CP #4 rebar with 2" Aluminum Cap marked "WSSI CP 16"
2003	1649297.22	3138967.89	5346.98	CP mark
2007	1649416.52	3138818.21	5347.62	CP spike

UTILITIES

1. The utilities which are readily visible upon the ground, such as monoholes, power and light poles, inlets, etc. were located by field surveys and shown hereon.

2. Underground utilities if shown are based on maps provided by others. No guarantee is made of the accuracy of these maps.

3. No record search was made to determine utility ownership or easements, recorded or unrecorded.

SITE CONDITIONS AT THE TIME OF THE SURVEY: ditch with trees and vegetation.

CERTIFICATION DEFINED

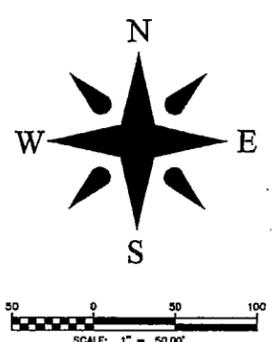
Pursuant to Rule 8-2-Land Surveyors Certification of the State Board of Registration for Professional Engineers and Land Surveyors, a certification is defined as a signed and sealed statement representing that the surveying services thereon have been performed by or under the responsible charge of the Professional Land Surveyor, in accordance with applicable standards of practice and is not a guaranty or warranty, either expressed or implied.

WESTERN STATES SURVEYING, Inc.
 12753 SOUTH PARKER ROAD, SUITE 205
 PARKER, CO 80134-3608 (303) 841-7438

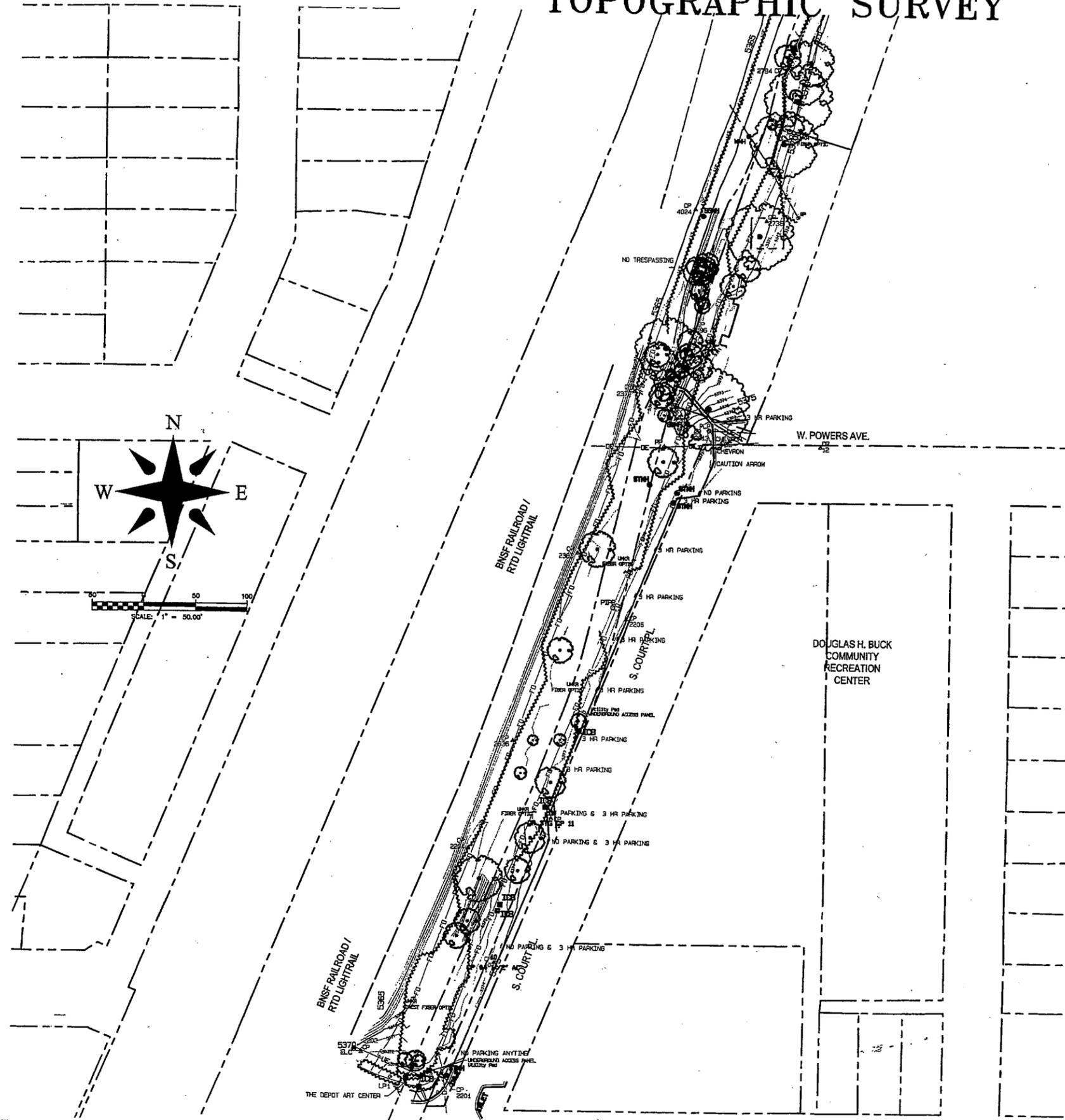
TOPOGRAPHIC SURVEY
SSPRD
CITY DITCH

REVISIONS	DATE	BY	DATE	SCALE
1	08/31/10	AW		1" = 50'

Field Book: 1829
 Surveyed: AW
 Calculated: AW
 Drawn: AW
 Checked: AW



TOPOGRAPHIC SURVEY



LEGEND (NOT ALL SYMBOLS INCLUDED IN THIS SURVEY)

●	AIR VALVE	— GAS —	UNDERGROUND GAS LINE
○	ABANDONED WELL	— UE —	UNDERGROUND ELECTRIC LINE
○	BOREHOLE	— FO —	UNDERGROUND FIBER OPTIC LINE
○	BUSH	— UT —	UNDERGROUND TELEPHONE LINE
○	ROUND COLUMN	— UCA —	UNDERGROUND CABLE LINE
○	SQUARE COLUMN	— U —	UNDERGROUND WATER LINE
○	CABLE TV RISER	— DE —	OVERHEAD ELECTRIC LINE
○	CLEANOUT	— OT —	OVERHEAD TELEPHONE LINE
○	DELINEATOR	— SAN —	SANITARY SEWER LINE
○	ELECTRICAL CONNECTION	— STH —	STORM SEWER LINE
○	ELECTRIC METER	— X —	BARB WIRE FENCE
○	ELECTRIC HANHOLE	— —	CHAIN LINK FENCE
○	FIRE HYDRANT	— —	WOOD FENCE
○	GAS METER	— —	HEDGE LINE
○	GAS VALVE		
○	GUY POLE		
○	GUY WIRE		
○	IRRIGATION CONTROL BOX		
○	INLET GRATE		
○	SPRINKLER HEAD		
○	SPRINKLER VALVE		
○	GUARD POST		
○	INJECTION WELL		
○	LIGHT POLE		
○	FLOOD LIGHT		
○	MAIL BOX		
○	MILE POST MARKER		
○	MONITOR WELL		
○	OBSERVATION WELL		
○	PHOTO TB POINT		
○	PIPE		
○	POWER AND LIGHT POLE		
○	PANEL POINT		
○	WOOD POST		
○	POWER POLE		
○	ROOF DRAIN		
○	RECOVERY WELL		
○	SIGN		
○	POST SIGN		
○	SANITARY SEWER MANHOLE		
○	STORM SEWER MANHOLE		
○	STORAGE TANK		
○	TRAFFIC CONTROL BOX		
○	TEST HOLE		
○	TELEPHONE POLE		
○	TELEPHONE AND LIGHT POLE		
○	TELEPHONE MANHOLE		
○	TELEPHONE RISER BOX		
○	CONIFEROUS TREE (DIAMETER AND DRIP SIZE)		
○	DECIDUOUS TREE (DIAMETER AND DRIP SIZE)		
○	UTILITY BOX		
○	UTILITY MANHOLE		
○	UTILITY MARKER		
○	UTILITY POTHOLE		
○	VENT PIPE		
○	WATER METER		
○	WATER MANHOLE		
○	WATER METER PIT		
○	WATER VALVE		
○	WATER WELL		
○	FLAG POLE		
○	BENCHMARK		
○	CONTROL POINT		
○	FOUND ALUMINUM CAP		
○	FOUND AXLE		
○	FOUND BRASS CAP		
○	FOUND CHISELED CROSS		
○	FOUND HUB AND TACK		
○	FOUND IRON PIPE		
○	FOUND IRON PIPE WITH CAP		
○	FOUND IRON REBAR		
○	FOUND MONUMENT		
○	FOUND PLASTIC CAP		
○	FOUND PK NAIL		
○	FOUND SPIKE		
○	FOUND NAIL WITH TAG		
○	SET #4 REBAR WITH ALUMINUM CAP		
○	SET CHISELED CROSS		
○	SET HUB AND TACK		
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○	SET SPIKE		
○	SET NAIL WITH TAG		

**Western States
SURVEYING, Inc.**
12755 SOUTH PARKER ROAD, SUITE 203
PARKER, CO 80134-3486 (303) 841-2436

**TOPOGRAPHIC SURVEY
SSPRD
CITY DITCH**

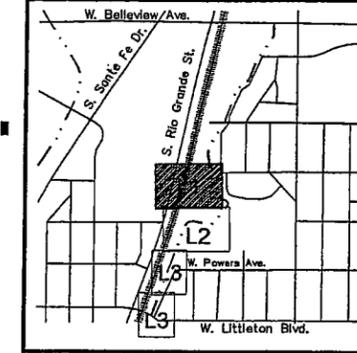
REVISIONS	BY	DATE
1	AW	08/31/10
2	AW	09/13/10

Scale	1" = 50'
Field Book	TS22
Surveyed	JH
Calculated	AW
Drawn	AW
Checked	AW

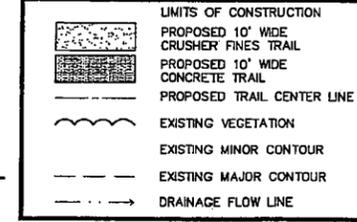


Know what's below.
Call before you dig.

KEYMAP



LEGEND



LAYOUT/ GRADING NOTES

1. SHOULD SITE CONDITIONS BE DIFFERENT THAN WHAT IS INDICATED ON THE DRAWINGS, CONTACT THE OWNER'S REPRESENTATIVE IMMEDIATELY FOR CLARIFICATION.
2. CURVED TRAIL EDGES ARE INTENDED TO BE CONSTRUCTED WITH SMOOTH FLOWING CURVES. ANYTHING OTHER THAN SMOOTH FLOWING CURVES WILL BE REJECTED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING AND STAKING BOTH LINE AND GRADE. ANY DISCREPANCIES, ERRORS OR OMISSIONS ON THE CONSTRUCTION DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
4. CONTRACTOR IS RESPONSIBLE FOR DETAIL SURVEYING/ STAKING OF ALL TRAIL LOCATIONS. ALL SITE IMPROVEMENTS SHALL BE INSPECTED AND APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH CONSTRUCTION.
5. DO NOT DEVIATE FROM PLANS UNLESS SPECIFIC APPROVAL IS OBTAINED FROM THE OWNER'S REPRESENTATIVE.
6. REFER TO SITE SURVEY FOR ADDITIONAL INFORMATION. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING OR PERFORMING ANY CONSTRUCTION ACTIVITIES.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY GRADING AND STORM WATER PERMITS.
8. ALL WORK SHALL BE CONFINED TO THE AREA WITHIN THE LIMITS OF GRADING AS SHOWN ON THE PLANS. ANY AREAS OR IMPROVEMENTS DISTURBED OUTSIDE THESE LIMITS SHALL BE RETURNED TO THEIR ORIGINAL CONDITIONS AT THE CONTRACTOR'S EXPENSE. IN THE EVENT THE CONTRACTOR REQUIRES A MODIFICATION TO THE CONSTRUCTION LIMITS, WRITTEN PERMISSION MUST BE OBTAINED FROM THE OWNER'S REPRESENTATIVE PRIOR TO ANY DISTURBANCE OUTSIDE OF THE LIMITS OF WORK. SEE TECHNICAL SPECS.
9. ALL TRAIL SURFACES TO HAVE 2% MAXIMUM CROSS SLOPE. TRAIL SHALL NOT EXCEED 5% SLOPE.
10. ALL DISTURBED AREAS SHALL BE RESEDED WITH SPECIFIED GRASS SEED MIX.
11. THE CONTRACTOR SHALL NOTIFY THE CITY OF ENGLEWOOD WHEN IN OR NEARBY THE ENGLEWOOD CITY DITCH. WORK IN THE CITY DITCH BETWEEN NOVEMBER AND APRIL MUST BE COORDINATED WITH CITY OF ENGLEWOOD.



LANDSCAPE ARCHITECTURE
LAND PLANNING
URBAN DESIGN
1390 Lawrence Street, Suite 100
Denver, CO 80204 | 303.872.5566

DATE OF DOCUMENT:
DATE OF REVISION:
DATE OF REVISION:
DATE OF REVISION:

Littleton Community Trail

Littleton, Colorado

PROJECT NUMBER: 9227.00
DATE: 04-22-11
DESIGNED: BN
DRAWN: KD
CHECKED: BN

REVISIONS:

AS DESCRIBED
Construction Documents

FILE NAME:

Layout Plan

SHEET NUMBER:

L1

SHEET OF

MATCHLINE - SEE THIS SHEET

W. PRENTICE AVE.

CITY OF LITTLETON

COUNTY OF DENVER

S. PRESCOTT ST.

EXISTING TREES TO REMAIN

EXISTING TREES TO REMAIN

EXISTING ACCESS ROAD

WATER LINE AND GRADE OF EXISTING WALK

EXISTING ACCESS ROAD

V.&D. GURRIE PROPERTY

HEADWALL TREATMENT (BOTH ENDS) - SEE DETAIL 3/L9

3- RAIL WOOD FENCE

66 LF., 48" PVC (RE: CIVIL)

EXISTING WILLOWS TO BE REMOVED

PROVIDE TRASH GRATE ON UP-STREAM SIDE OF CULVERT.

EXISTING WILLOWS TO REMAIN

1 CRUSHER FINES TRAIL

4 TRASH RECEPTACLE

3 "TALLGRASS" BENCH

PROPOSED REST AREA - SEE DETAIL 2/L9

5 FLAGSTONE PAVING

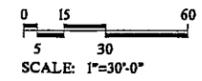
1 INTERPRETIVE SIGN

CL AT STA 20+49.88

CITY OF LITTLETON

MATCHLINE - SEE SHEET L2

MATCHLINE - SEE THIS SHEET



NOTES:
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF LITTLETON SPECIFICATIONS FOR TRAILS AND PATHS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF LITTLETON AND THE CITY OF ENGLEWOOD.
3. THE CONTRACTOR SHALL NOTIFY THE CITY OF ENGLEWOOD WHEN IN OR NEARBY THE ENGLEWOOD CITY DITCH.
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65. ALL TRAIL SURFACES SHALL BE RESEDED WITH SPECIFIED GRASS SEED MIX.
66. ALL DISTURBED AREAS SHALL BE RESEDED WITH SPECIFIED GRASS SEED MIX.
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PRESCOTT STREET CONDOMINIUMS

AT&SF RAILROAD / RTD LIGHTRAIL

ENGLEWOOD CITY DITCH

CULVERT (RE: GRADING PLAN) - STA 18+64.57

EXISTING WETLANDS

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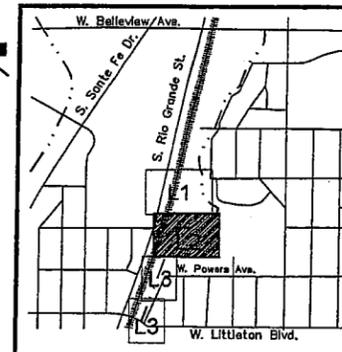
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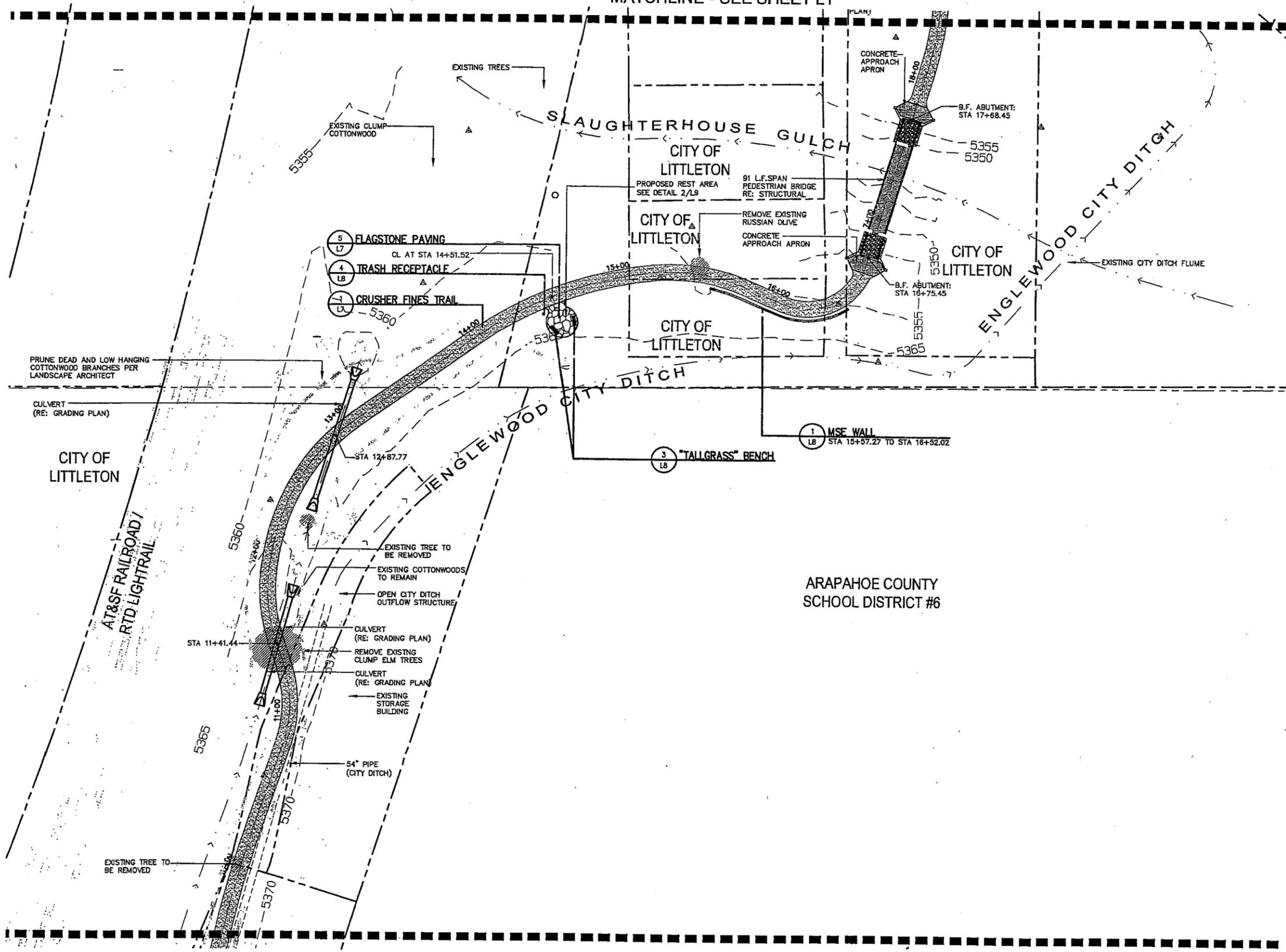
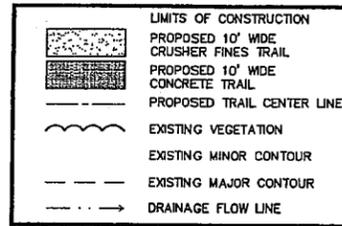
KEYMAP



LANDSCAPE ARCHITECTURE
LAND PLANNING
URBAN DESIGN
1390 Lawrence Street, Suite 100
Denver, CO 80204 | 303.892.5566

REVISIONS TO DOCUMENT
1. 04-22-11
2. 04-22-11
3. 04-22-11
4. 04-22-11
5. 04-22-11
6. 04-22-11
7. 04-22-11
8. 04-22-11
9. 04-22-11
10. 04-22-11

LEGEND



MATCHLINE - SEE SHEET L3

Littleton Community Trail
Littleton, Colorado

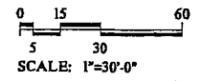
PROJECT NUMBER: 9227.00 DATE: 04-22-11
DESIGNED: BN
DRAWN: KD
CHECKED: BN

S&S DESCRIPTION: Construction Documents
SHEET TITLE: Layout Plan

SHEET NUMBER: L2
SHEET OF



Know what's below.
Call before you dig.



FILE NAME: C:\Users\bnorris\Documents\Projects\9227.00\9227.00-01-01.dwg
PLOT DATE: 04/22/11 10:00 AM
PLOT BY: bnorris
DATE: 04/22/11 10:00 AM
SCALE: 1"=30'-0"

MATCHLINE - SEE SHEET G5



Know what's below.
Call before you dig.

LEGEND

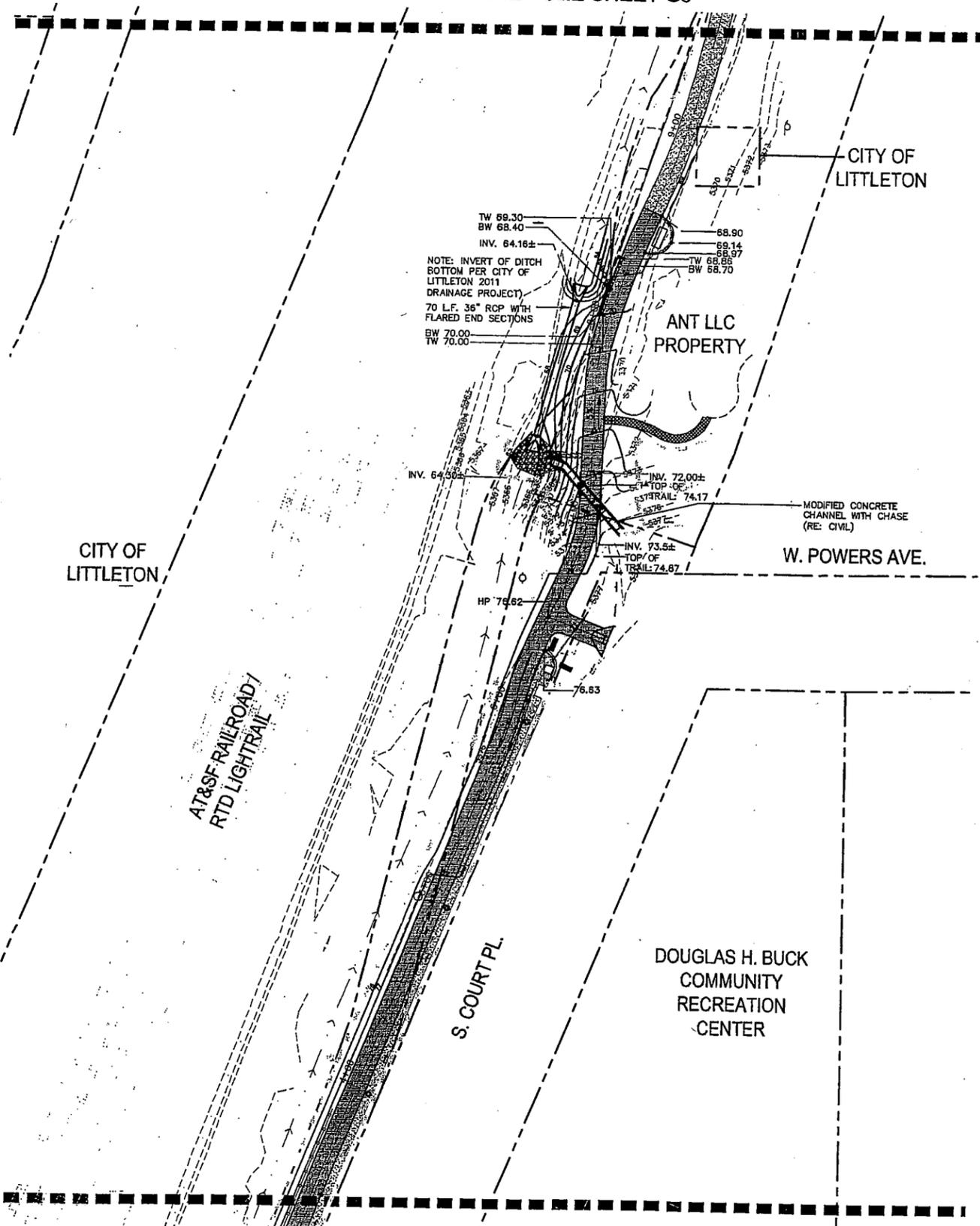
	LIMITS OF CONSTRUCTION
	PROPOSED 10' WIDE CRUSHER FINES TRAIL
	PROPOSED 10' WIDE CONCRETE TRAIL
	PROPOSED TRAIL CENTER LINE
	EXISTING VEGETATION
	EXISTING MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	DRAINAGE FLOW LINE

KEYMAP



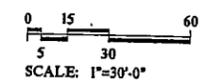
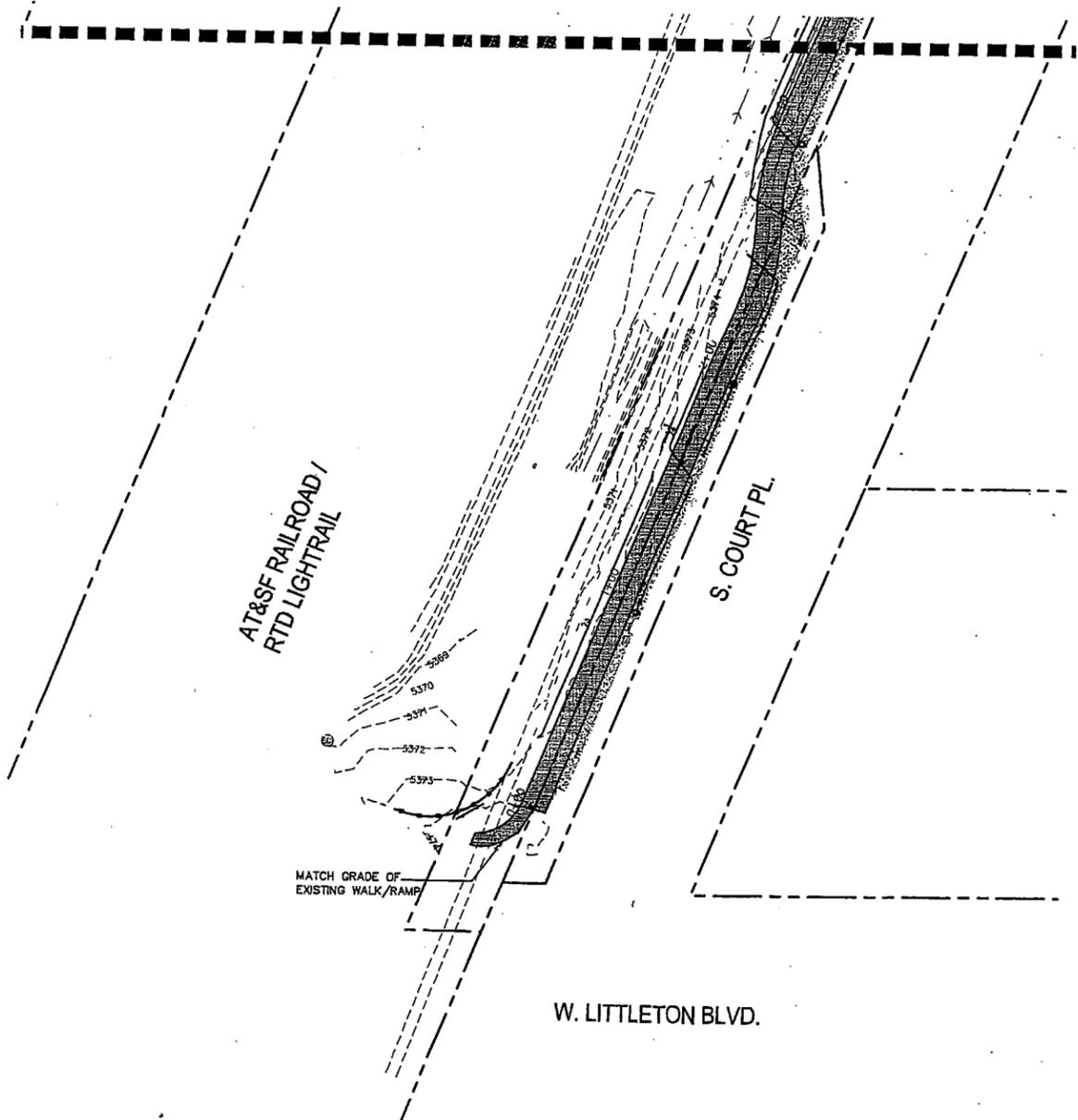
LANDSCAPE ARCHITECTURE
LAND PLANNING
URBAN DESIGN
1970 Lawrence Street, Suite 100
Denver, CO 80204 | 303.892.5566

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MATCHLINE - SEE THIS SHEET

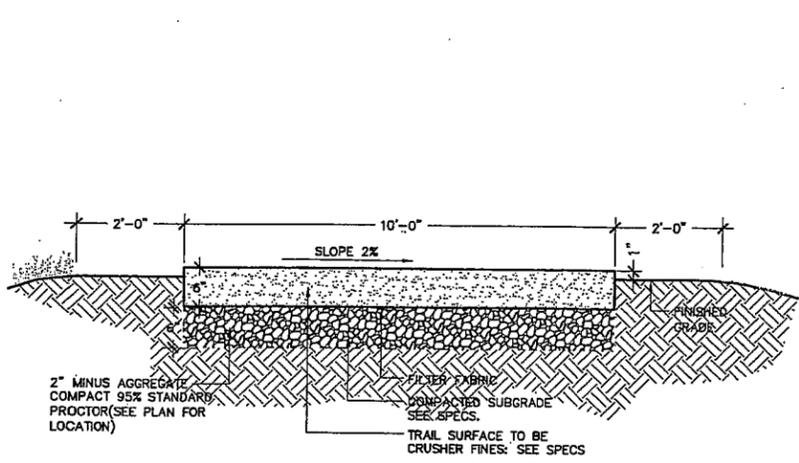
MATCHLINE - SEE THIS SHEET



Littleton Community Trail
Littleton, Colorado

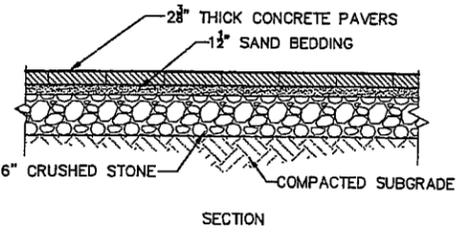
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DRAWN BY: BN	CHECKED BY: BN
REVISIONS:	
JOB DESCRIPTION: Construction Documents	
SHEET TITLE: Grading Plan	
SHEET NUMBER: L6	
SHEET OF	

THE CITY OF LITTLETON, COLORADO, IS THE OWNER OF THIS PROJECT. THE CITY ENGINEER HAS REVIEWED AND APPROVED THIS PLAN FOR CONFORMANCE WITH THE CITY OF LITTLETON, COLORADO, SUBDIVISION MAP ACT AND THE CITY OF LITTLETON, COLORADO, SUBDIVISION MAP ACT. THE CITY ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE PLAN AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED HEREON. THE CITY ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE PLAN AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED HEREON.

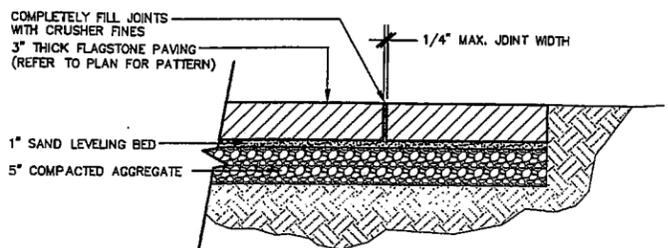


1 CRUSHER FINES TRAIL

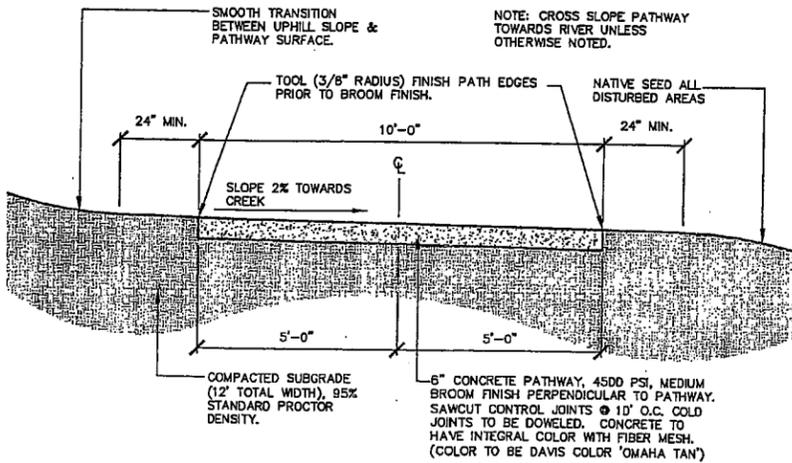
- CRUSHER FINES MATERIAL SHALL MEET THE FOLLOWING SPECIFICATIONS: CLEAN, HARD, DURABLE PARTICLES OR FRAGMENTS OF 3/8" MINUS SELECT GRAY CRUSHED GRANITE, RIVER ROCK OR BASALT. FINES SHALL BE EVENLY MIXED THROUGHOUT THE AGGREGATE. FINES SHALL BE ANGULAR AND MINIMUM OF 80% SHALL HAVE AT LEAST ONE FRACTURED FACE. COLOR TO BE APPROVED BY THE OWNER'S REPRESENTATIVE.
- TRAIL SUB BASE SHALL BE ROLLED AND COMPACTED WITH NO LESS THAN 10 PASSES OF THE ROLLER. BOTH 3 INCH LIFTS OF CRUSHER FINE APPLICATION SHALL BE WATERED, ROLLED AND COMPACTED WITH NO LESS THAN 5 PASSES EACH OF THE ROLLER. TRAIL COMPACTION AND SURFACE WILL BE TESTED BY THE OWNER. PROVIDE A QUALITY LANDSCAPE WEED BARRIER FABRIC UNDER THE ENTIRE EXTENT OF THE CRUSHER FINES TRAIL TYPE #3401 THERMAL POLYPROPYLENE, NON-WOVEN, THIN WEED CONTROL FABRIC 4.0 OZ./LINEAL YARD WEIGHT OR APPROVED EQUAL.
- ALL EDGES OF TRAIL SHOULD BE RAKED, REMOVING EXCESS CRUSHER FINES OUTSIDE OF THE 10' WIDE TRAIL WIDTH.



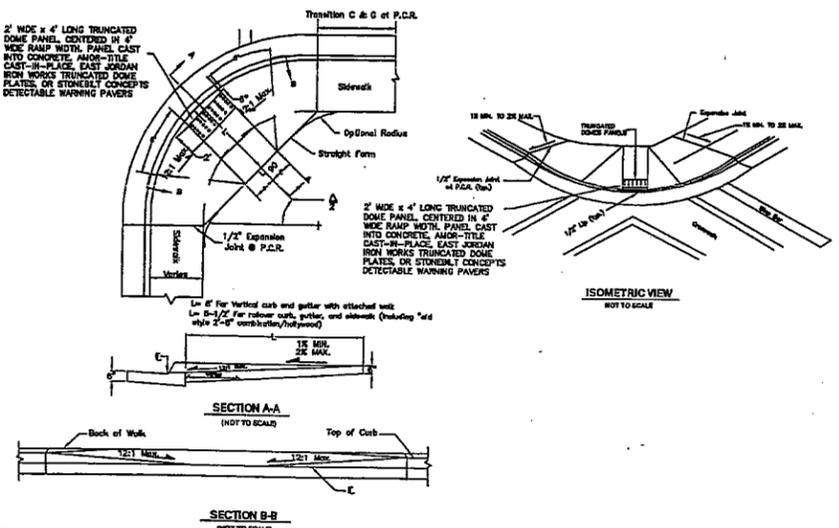
4 INTERLOCKING CONCRETE PAVERS



5 FLAGSTONE PAVING



2 CONCRETE TRAIL

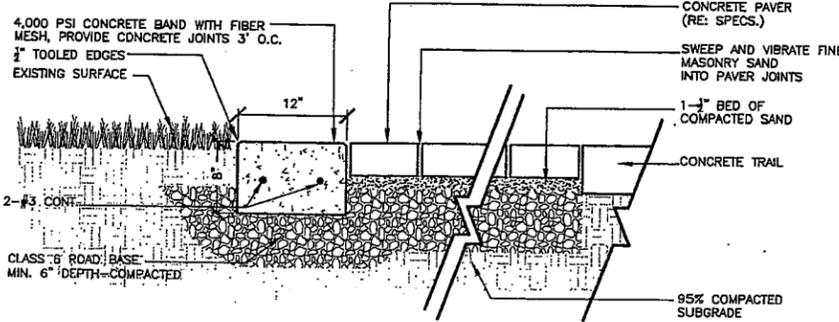


- NOTES
- HANDRAIL RAMP SHALL BE PROVIDED IN ACCORDANCE WITH CURRENT FEDERAL REGULATIONS. THEY SHALL BE PROVIDED AT ALL INTERSECTIONS WHERE THERE IS EXISTING OR PROPOSED SIDEWALK CURB RAMP. RAMP SHALL BE PROVIDED AT WALK LOCATIONS IN WALK-BLOCK IN THE VICINITY OF HOSPITALS, MEDICAL CENTERS, ATHLETIC STADIUMS, AND T-INTERSECTIONS. LOCATIONS OF WALK-BLOCK RAMP SHALL BE DETERMINED BY THE LITTLETON TRAFFIC ENGINEER.
 - ALL WORK SHALL BE DONE IN ACCORDANCE WITH STANDARD SPECIFICATIONS OF THE CITY OF LITTLETON.
 - SIDEWALKS SHALL BE RAMPED WHERE A DRAINAGE CURB IS EXTENDED ACROSS THE WALK.
 - DETAILS SHOWN IN THIS PLAN SHALL APPLY TO ALL CONSTRUCTION OR RECONSTRUCTION OF STREETS, CURBS, OR SIDEWALKS IN THE CITY OF LITTLETON.
 - RAMP AND WALK SHALL BE POURED MONOLITHICALLY.
 - MINIMUM WIDTH OF RAMP SHALL BE 5 FEET.
 - SLOPE SIDEWALK UP AT 1% MAX. 2% MAX. FROM TOP OF CURB TO BACK OF WALK.
 - NORMAL OUTLET FLOW LINE AND PROFILE SHALL BE MAINTAINED THROUGH THE RAMP AREA.
 - RAMP SURFACE SHALL HAVE A COURSE BROOM FINISH.
 - 1/2" EXPANSION JOINT SHALL BE REQUIRED WHERE THE CONCRETE RAMP JOINS ANY EXISTING PAVEMENT OR STRUCTURE.
 - DRAINAGE STRUCTURES SHALL NOT BE PLACED IN LINE WITH RAMP. LOCATION OF THE RAMP SHALL TAKE PRECEDENCE OVER LOCATION OF THE DRAINAGE STRUCTURE, EXCEPT WHERE EXISTING DRAINAGE STRUCTURES ARE BEING STRIPPED IN THE NEW CONSTRUCTION.
 - ALL PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
 - PAVING SHALL BE ELIMINATED A MINIMUM OF 30 FEET BACK PEDIESTRIAN CROSSWALK.
 - TACTILE WARNING (TRUNCATED DOME), AS DEFINED IN AMERICANS WITH DISABILITIES ACT LATEST VERSION, SHALL BE INSTALLED FULL WIDTH OF THE THROAT OF THE RAMP IF 300 AND 48" UP FROM THE FLOOR. AT THE END OF THE RAMP, TRUNCATED DOMES ARE TO BE CAST INTO THE CONCRETE. TRUNCATED DOMES SHALL BE BROWN, RED, OR OTHER EQUIVANT COLOR TO PROVIDE COLOR CONTRAST WITH ADJACENT WALK SURFACE.
 - IF RIGHT OF WAY IS AVAILABLE, SIDEWALK SHOULD CONTINUE AROUND RAMP AT 1% TO 2% CROSS SLOPE. DETAIL MAY NEED TO BE MODIFIED TO FIT FIELD CONDITIONS AND AS APPROVED BY LITTLETON ENGINEERING.

6 RAMP

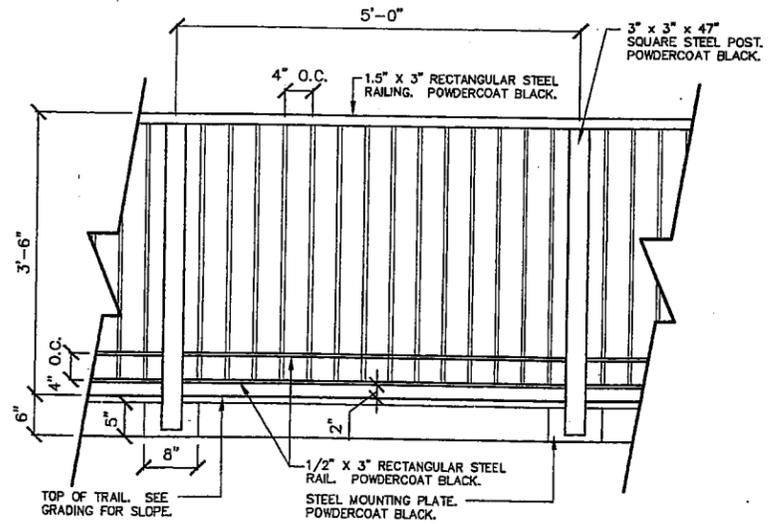
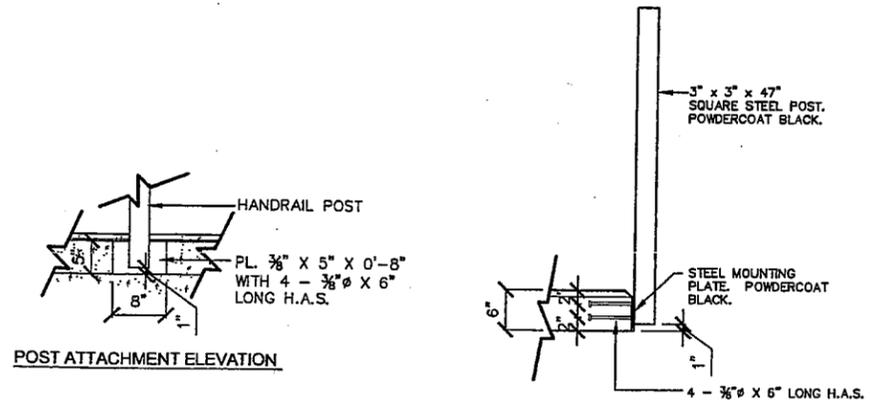
SCALE: NTS

NOTE: CONCRETE PAVERS TO BE OLD TOWN BLEND HOLLAND STONE (3/8" THICK) BY PAVESTONE OR APPROVED EQUAL.



3 CONCRETE PAVERS WITH EDGING

SCALE: NTS



7 HAND RAILING

SCALE: NTS

Littleton Community Trail
Littleton, Colorado

PROJECT NUMBER: 9227.00	DATE: 04-22-11
DESIGNED: BN	
DRAWN: KD	
CHECKED: BN	

REVISIONS:

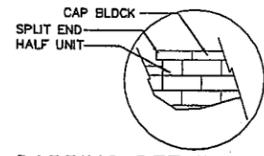
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Construction Documents

SHEET TITLE:
Site Details

SHEET NUMBER:

L7

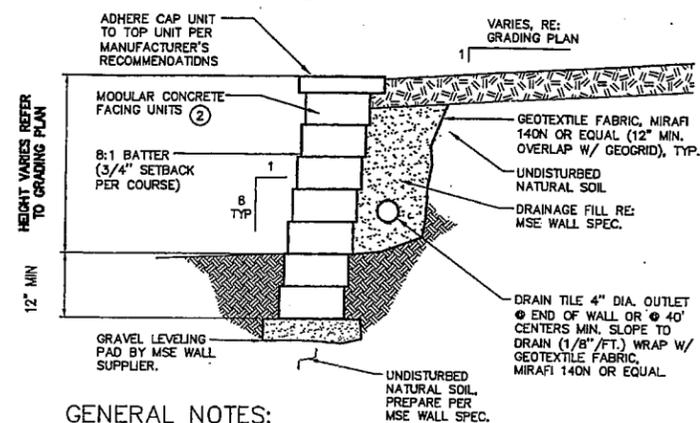
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USER: KD
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PLOTTER: HP DesignJet T1100e
PLOT SCALE: 1:1
PLOT SHEETS: 1 of 1
PLOT STATUS: Success
PLOT MESSAGE: Plotting completed successfully.
PLOT ERROR: None
PLOT WARNING: None
PLOT CANCELLED: No
PLOT INTERRUPTED: No
PLOT ABORTED: No
PLOT FAILED: No
PLOT SUCCESS: Yes



- GENERAL NOTES FOR CAPPING:**
1. CAPS SHALL BE PLACED ON ALL WALLS
 2. CAPS SHALL BE ADHERED TO WALL USING CONCRETE ADHESIVE AND PER MANUFACTURER'S RECOMMENDATIONS
 3. WHEN CUTTING CAP UNIT FOR WALL END DO NOT USE A CAP SECTION LESS THAN 6" WIDE
 4. CAPS TO BE PLACED WITH A 3/4" OVERHANG ON TOP OF WALL
 5. CONTRACTOR IS RESPONSIBLE FOR PROVIDING FINAL DESIGN OF GEOGRID/MSE WALL

CAPPING DETAIL

SCALE: NONE



GENERAL NOTES:

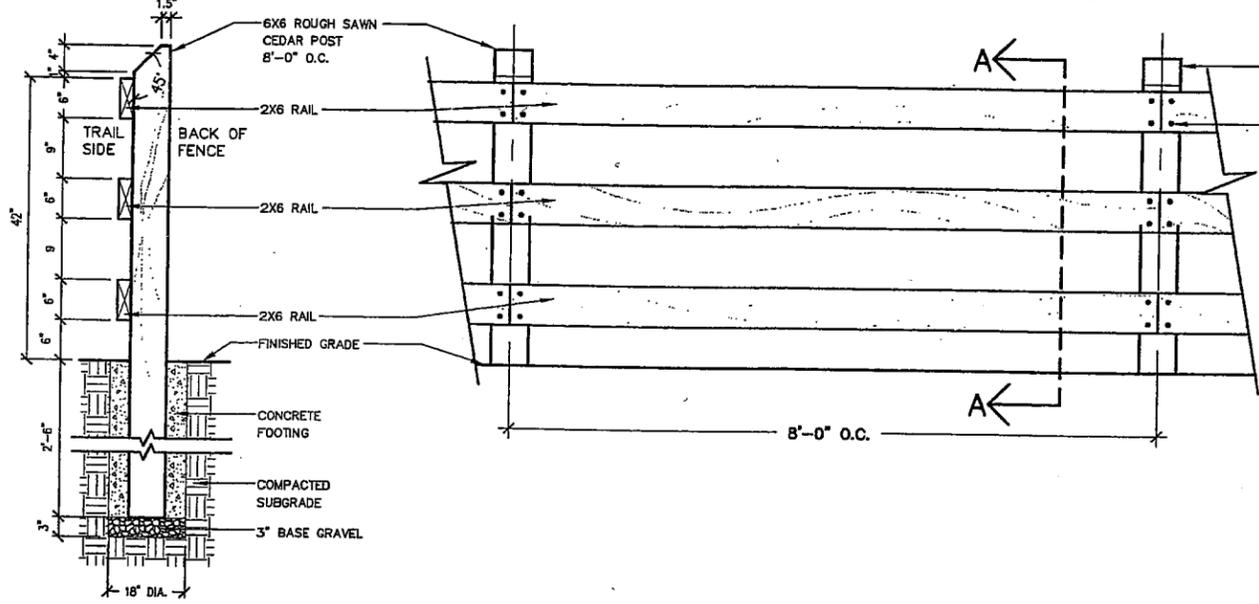
1. MINIMUM EMBEDMENT OF WALL BELOW FINISH GRADE SHALL BE 10"
2. FOLLOW APPLICABLE PROVISIONS OF THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.
3. DRAINAGE FILL 10" THICK SHALL BE INSTALLED BEHIND THE WALL TO WITHIN 10" OF THE TOP OF THE WALL
4. BACKFILL AND COMPACT IN FRONT OF THE WALL AS WALL IS INSTALLED.
5. COMPACTION SHALL BE TO 95% OF MAXIMUM STANDARD PROCTOR DENSITY.
6. PULL GEOGRID TIGHT PRIOR TO BACKFILLING.
7. PROVIDE LATERAL DRAINAGE SWALES TO DIRECT FLOWS AROUND THE ENDS OF THE WALL

1 MSE WALL

SCALE: NTS

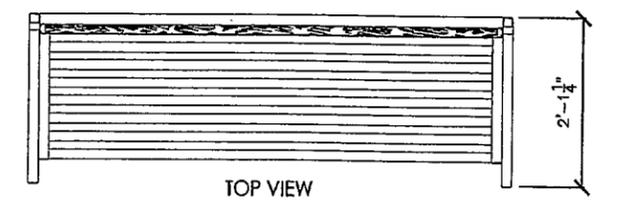
SECTION A-A

ELEVATION FROM TRAIL SIDE

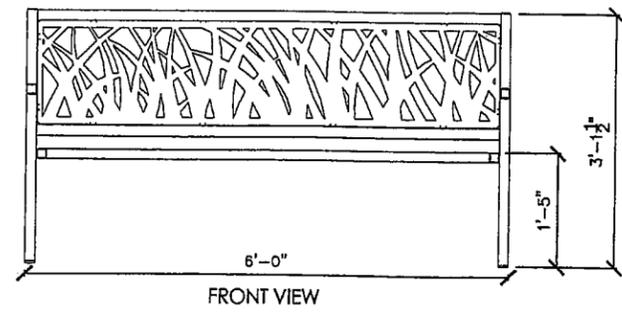


2 3-RAIL WOOD FENCE

SCALE: NTS



Mounted w/ four 1/2" x 4-5" Stainless Steel Anchor Bolts (Contractor to supply).



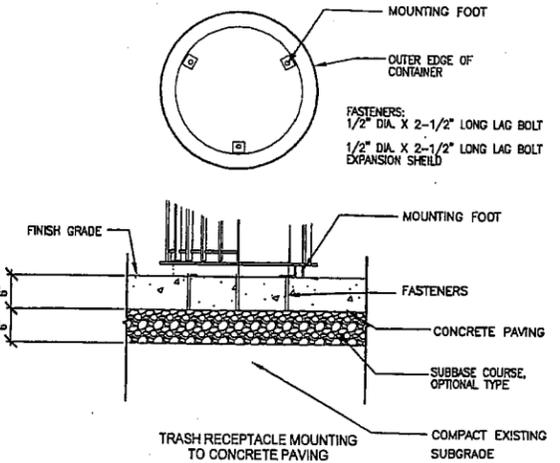
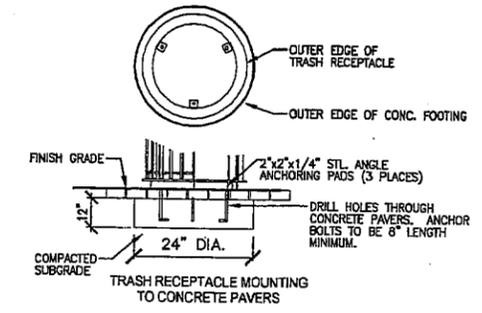
3 'TALLGRASS' BENCH

SITESCAPES 6' WIDE TALLGRASS PATTERN BENCH W/BACK, MODEL# TG1-1000, COLOR: BRONZE, AS SUPPLIED BY G.R. MAROLT AND ASSOCIATES, TEL. (303) 762-1090

MATERIALS LIST

- (1) Frame - 1 1/2" Sq. x 1/8" Wall Steel Tubing
- (2) Panels - 7 Ga. Steel Sheet Metal
- (3) Foot Plates - 1/4" x 1 1/2" Stainless Steel Flat Bar # with 9/16" Mounting Holes
- (4) Mounted with Four 1/2" x 4-5" Stainless Steel Anchor Bolts (Contractor to supply)

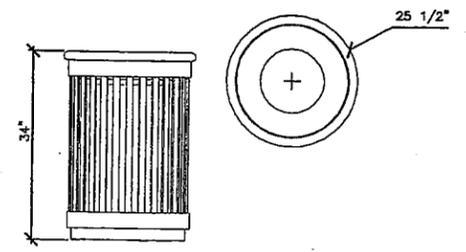
NOT TO SCALE



4 TRASH RECEPTACLE

MANUFACTURER: MAGLIN
MODEL #: MLWR250-32
COLOR: POWDERCOAT BLACK

SCALE: NTS



TRASH RECEPTACLE NOTES:

PRODUCT: MAGLIN FURNITURE SYSTEMS LTD. PRODUCT # MLWR250-32, OR APPROVED EQUAL. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. FASTENERS NOT INCLUDED IN PACKAGE.

MATERIALS: HEAVY DUTY STEEL FLAT BAR AND H.S. STEEL TUBE CONSTRUCTION, 32 GAL. COMMERCIAL GRADE PLASTIC LINER WITH SPUN METAL LID. COLOR: STANDARD BLACK FINISH. ALL STEEL COMPONENTS ARE RUST PROOFED PRIOR TO POWDER COATING.

INSTALLATION: MOUNTING FEET WITH THREE (3) 15mm (1/2") DIA. HOLES FOR ANCHORING RACK TO CONCRETE. THE FASTENERS SHALL BE THE SIZES SHOWN ON THE DETAIL AND ARE NOT INCLUDED. (FASTENERS TO BE INCLUDED IN BID PRICE.)

PAVING STONES

TRASH CONTAINERS CAN BE LAGGED TO THE PAVING STONES DIRECTLY. FOR A MORE SECURE INSTALLATION, WE SUGGEST POURING A CONCRETE FOOTING BENEATH THE PAVERS. TO INSTALL FURNITURE, DRILL THROUGH THE PAVERS AND INTO THE CONCRETE. USING LONG LAG BOLTS, FURNITURE CAN BE BOLTED DOWN THROUGH THE PAVERS AND LAGGED INTO THE CONCRETE FOOTING.

5 PET STATION

DOGIPOT PET STATION #1003-L SCALE: NTS
(ALUMINUM) PROPET DISTRIBUTORS
2100 PRINCIPAL ROW, SUITE 405
ORLANDO, FLORIDA 32837
(866) 364-4788



Littleton Community Trail
Littleton, Colorado

PROJECT NUMBER: 9227.00 DATE: 04-22-11
DESIGNED: BN
DRAWN: KD
CHECKED: BN

REVISIONS:

JOB DESCRIPTION: Construction Documents

SHEET NUMBER: L8

Site Details

SHEET OF

L8

SHEET OF

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DATE: 04/22/11 11:30 AM
SCALE: NTS
SHEET: 1 OF 1

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Littleton Community Trail
Littleton, Colorado

PROJECT NUMBER:	DATE:
5227.00	04-22-11
DESIGNED BY:	BN
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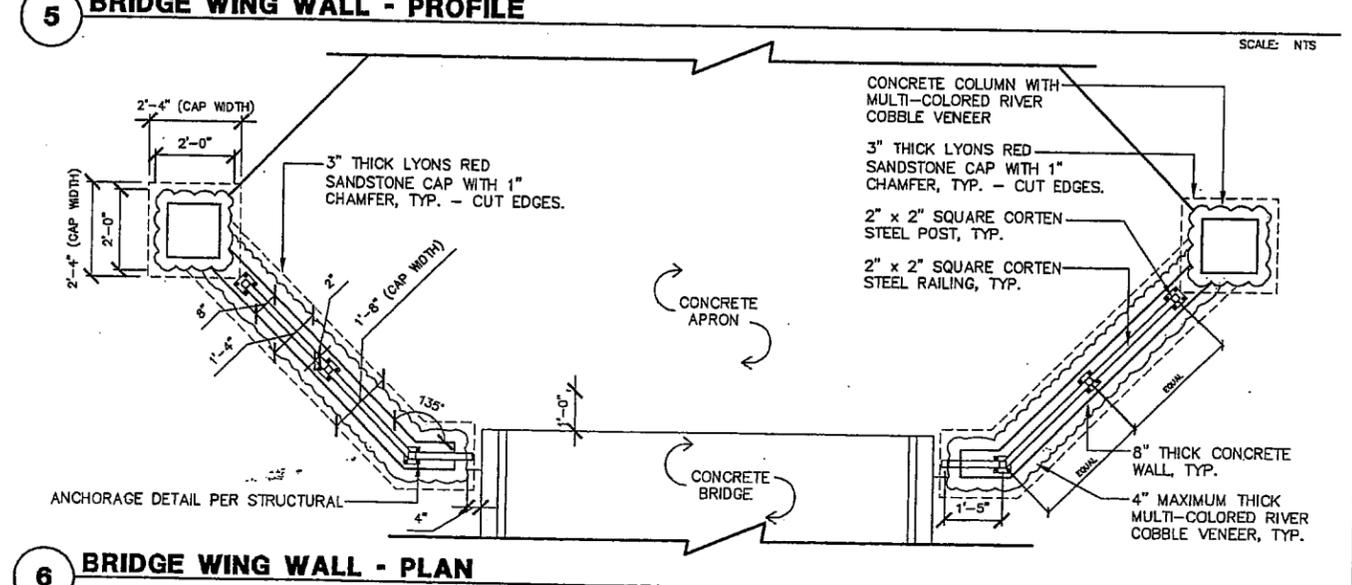
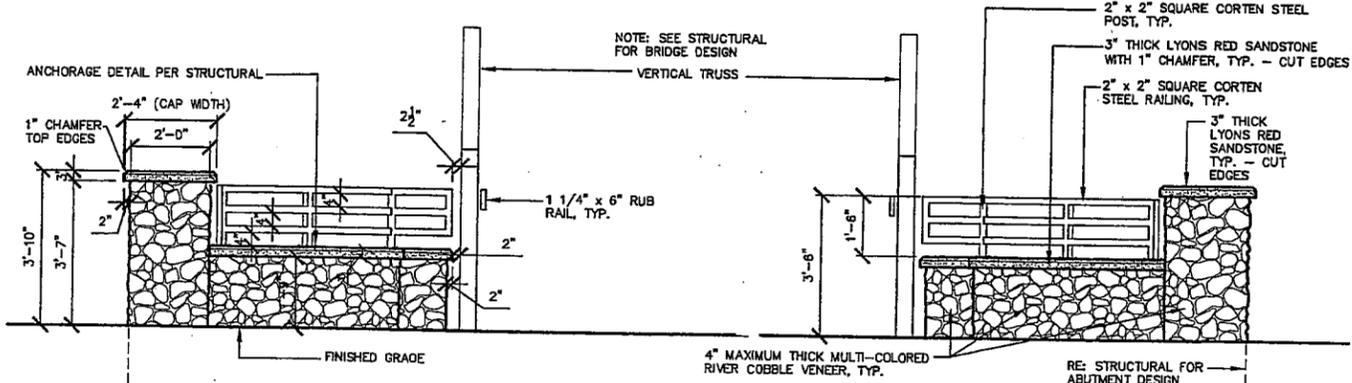
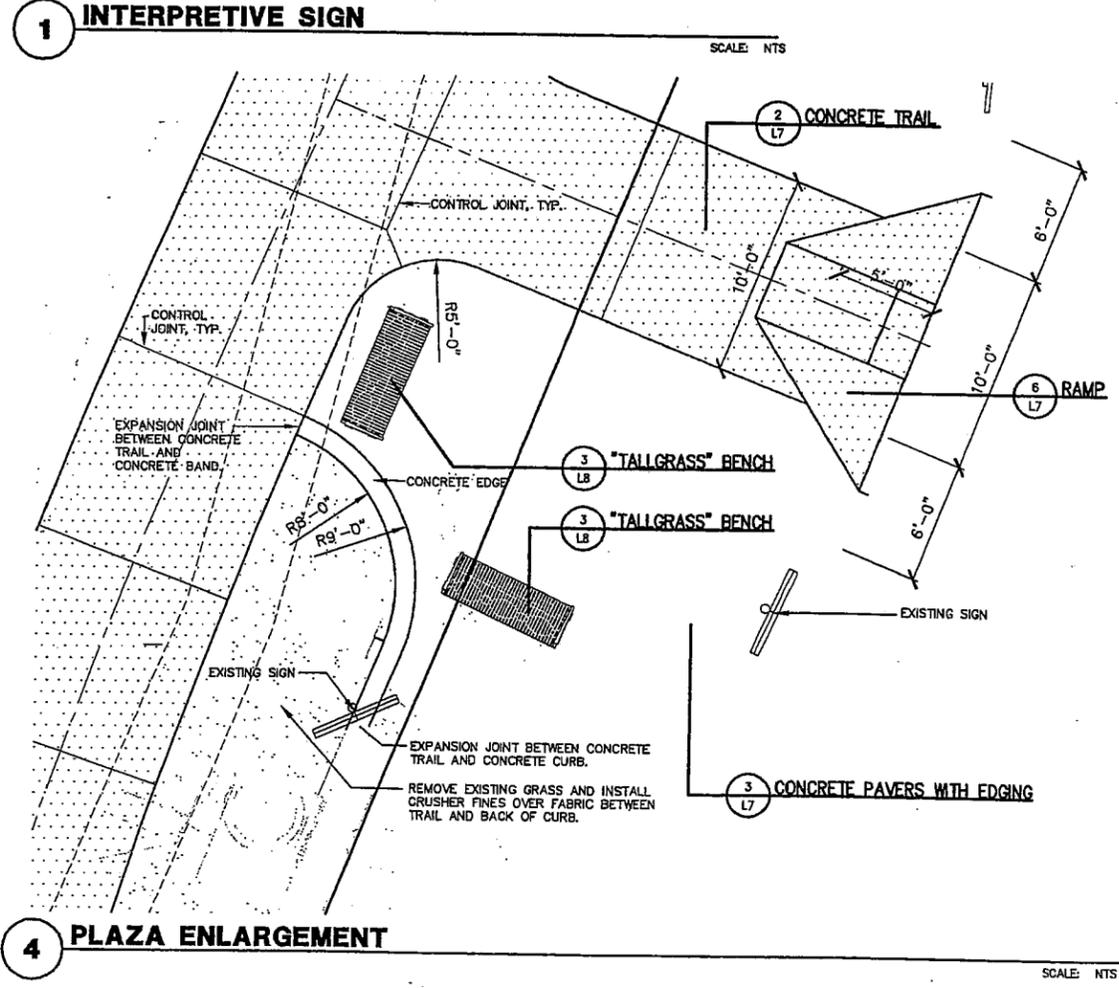
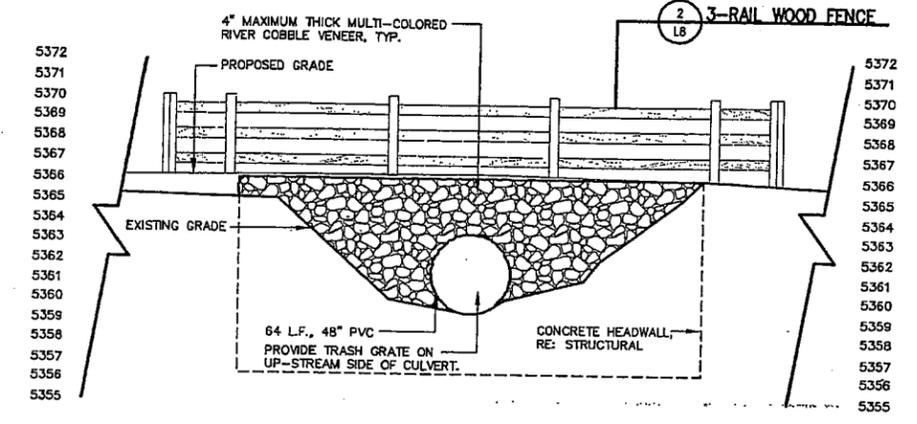
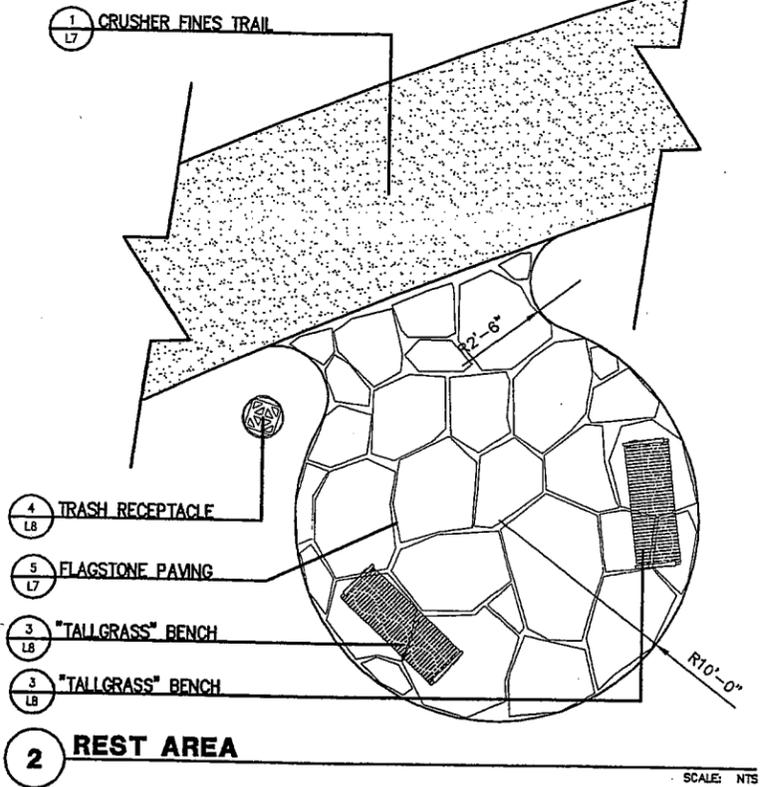
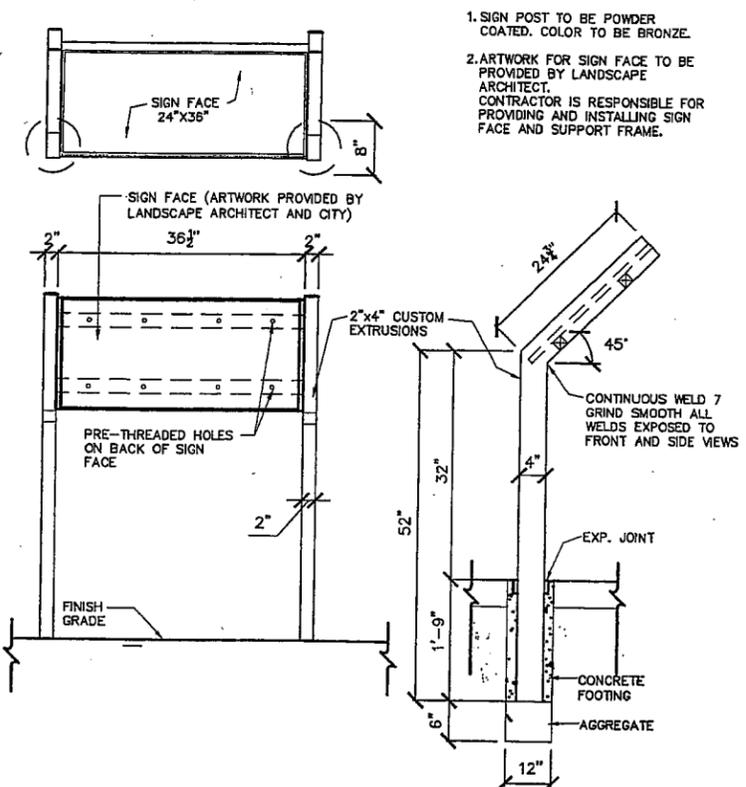
REVISIONS:

JOB DESCRIPTION:
Construction Documents

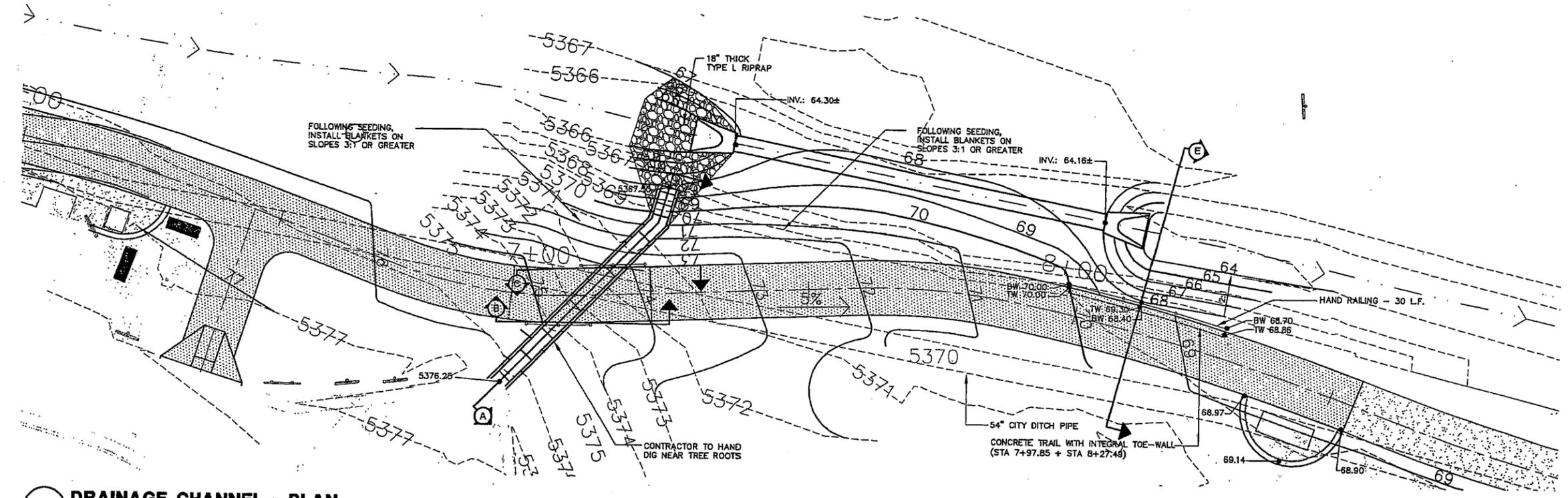
SHEET TITLE:
Site Details

SHEET NUMBER:

L9
SHEET OF

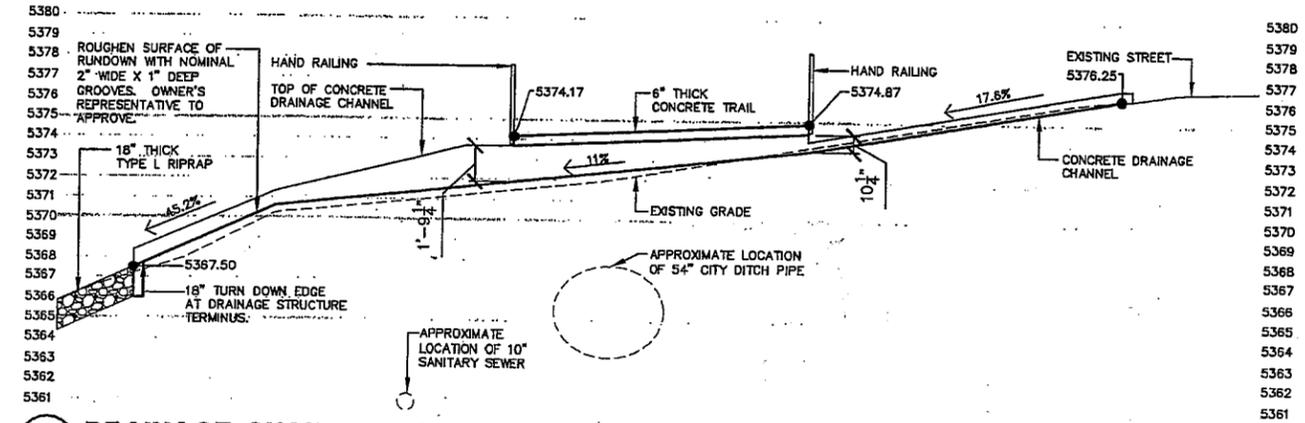


NOTES:
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF DENVER STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC WORKS, LATEST EDITION.
2. ALL MATERIALS SHALL BE OF THE BEST QUALITY AVAILABLE.
3. ALL DIMENSIONS SHALL BE IN FEET AND INCHES.
4. ALL FINISHES SHALL BE AS SHOWN.
5. ALL UTILITIES SHALL BE PROTECTED.
6. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
7. ALL TRAFFIC CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
8. ALL NEIGHBORHOODS SHALL BE KEPT ADVISED OF CONSTRUCTION ACTIVITIES.
9. ALL NEIGHBORHOODS SHALL BE KEPT ADVISED OF TRAFFIC CONTROL MEASURES.
10. ALL NEIGHBORHOODS SHALL BE KEPT ADVISED OF EROSION CONTROL MEASURES.
11. ALL NEIGHBORHOODS SHALL BE KEPT ADVISED OF TRAFFIC CONTROL MEASURES.
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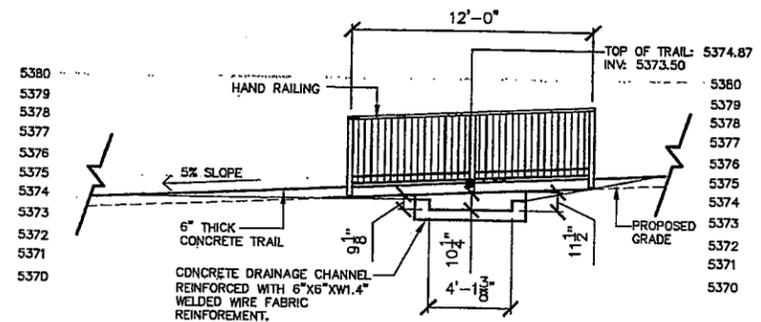
1 DRAINAGE CHANNEL - PLAN

SCALE: 1" = 10'-0"



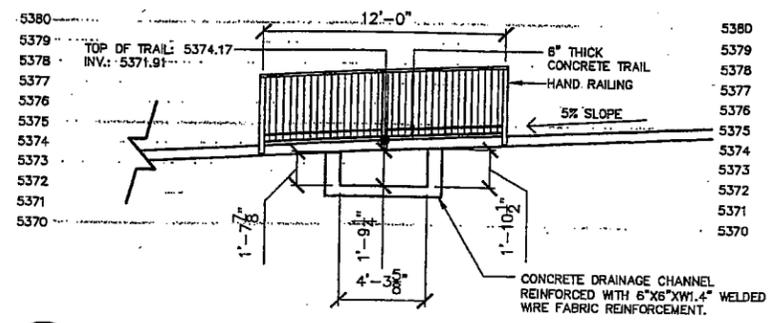
A DRAINAGE CHANNEL - SECTION 'A'

SCALE: 1/4" = 1'-0"



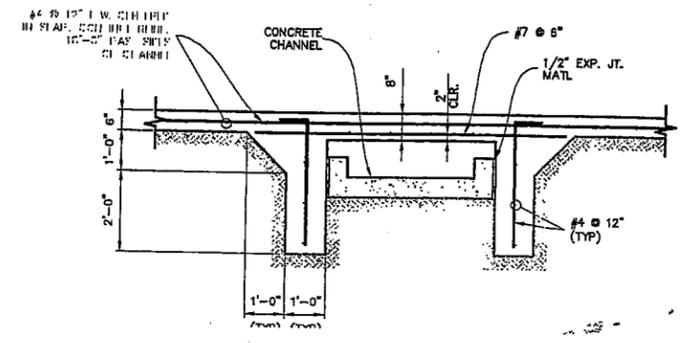
B DRAINAGE CHANNEL - SECTION 'B'

SCALE: 1/4" = 1'-0"



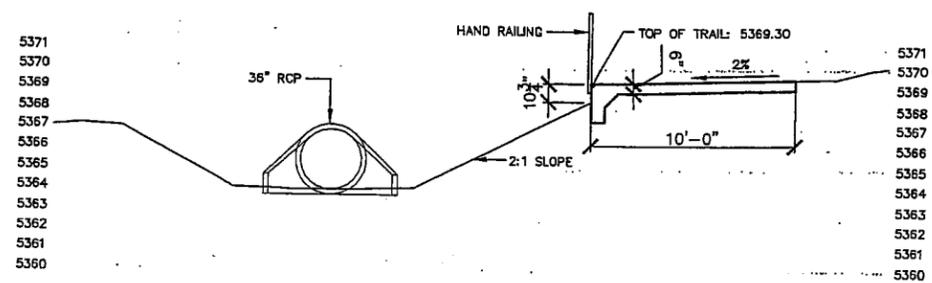
C DRAINAGE CHANNEL - SECTION 'C'

SCALE: 1/4" = 1'-0"



D DRAINAGE CHANNEL - TYPICAL STRUCTURAL SECTION

SCALE: 1/2" = 1'-0"



E CONCRETE TRAIL WITH TOE-WALL SECTION 'E'

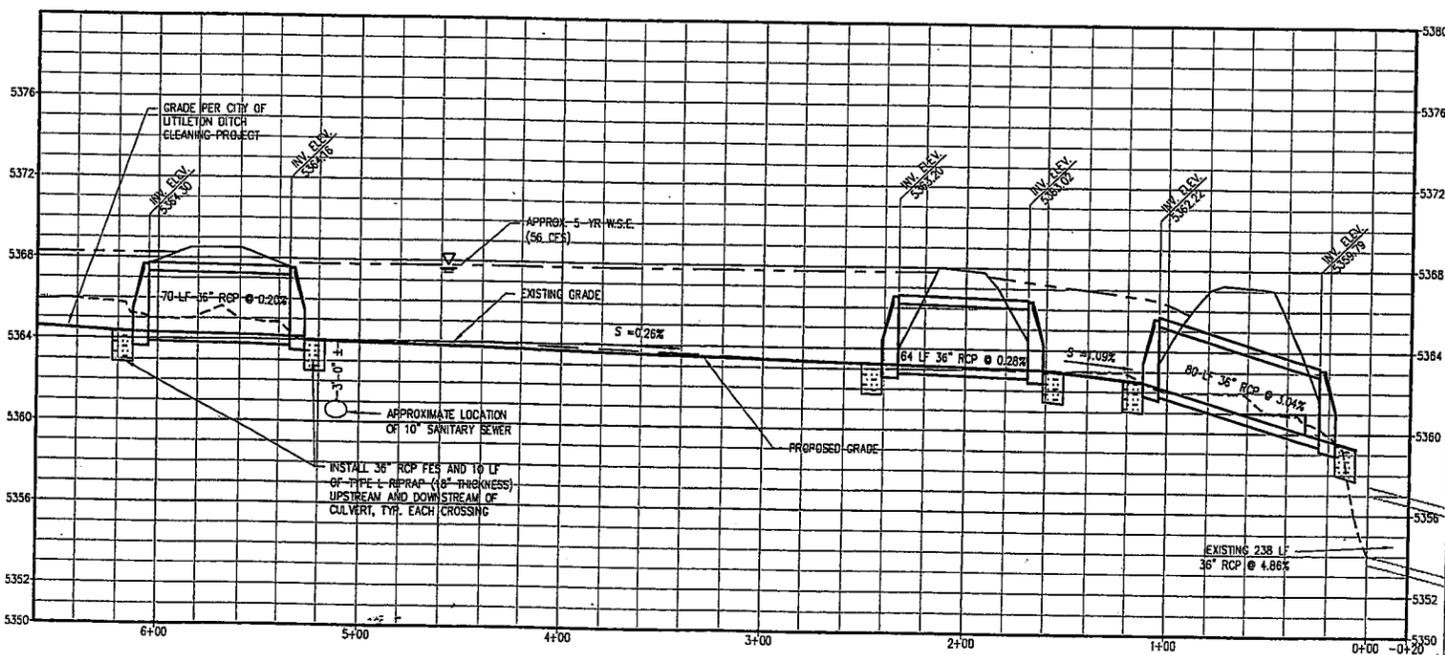
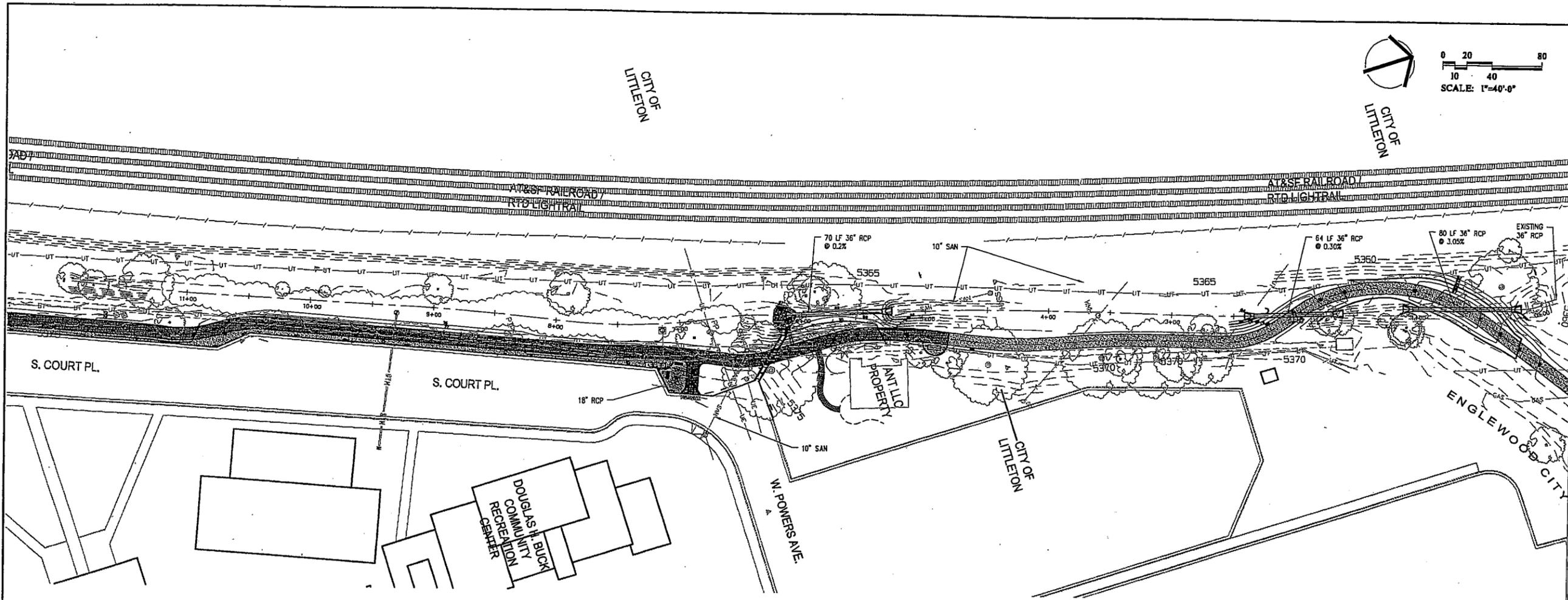
SCALE: 1/4" = 1'-0"

SHEET NO. 111 OF 111
 DATE: 04-22-11
 PROJECT: LITTLETON COMMUNITY TRAIL
 LOCATION: LITTLETON, COLORADO
 DRAWN BY: BN
 CHECKED BY: KD
 DESIGNED BY: BN
 PROJECT NUMBER: 9227.00
 DATE: 04-22-11
 SHEET TITLE: Site Details
 SHEET NUMBER: L11
 SHEET OF: 111 OF 111

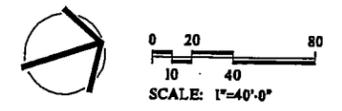
Littleton Community Trail
 Littleton, Colorado

PROJECT NUMBER:	9227.00	DATE:	04-22-11
DESIGNED BY:	BN	DRAWN BY:	KD
CHECKED BY:	BN		
REVISIONS:			
JOB DESCRIPTION:	Construction Documents		
SHEET TITLE:	Site Details		
SHEET NUMBER:	L11		
SHEET OF:	111 OF 111		

DATE: 01-05-11
 PROJECT NUMBER: 9227.00
 DESIGNED BY: ELS
 DRAWN BY: JMP
 CHECKED BY: JMP
 REVISIONS:
 JOB DESCRIPTION: Construction Documents
 SHEET TITLE: Drainage Ditch Plan and Profile
 SHEET NUMBER: D1



SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL



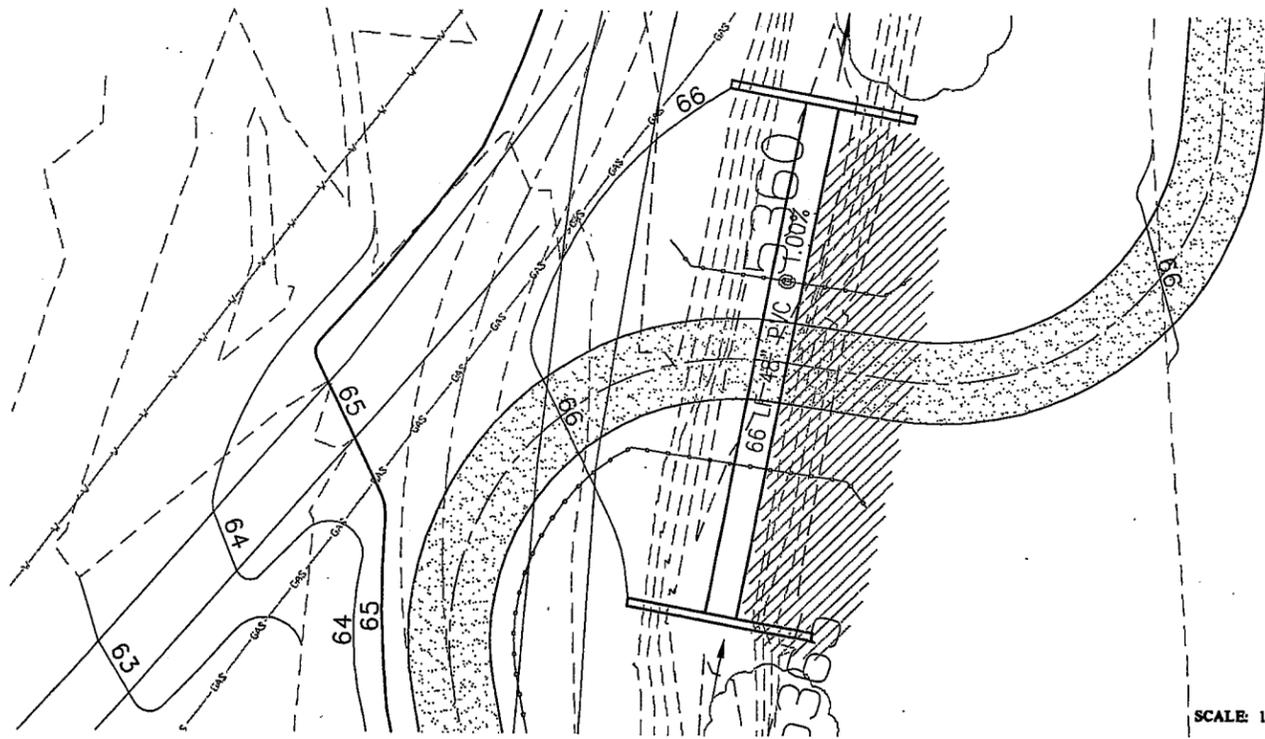
LANDSCAPE ARCHITECTURE
 LAND PLANNING
 URBAN DESIGN
 1390 Lawrence Street, Suite 100
 Denver, CO 80204 | 303.892.5564

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 This document is the property of DMM Design Corp. The user and design incorporated on this document is an instrument of professional service and shall not be used for any other project without written authorization of DMM Design Corp.



Littleton Community Trail
 Littleton, Colorado

PROJECT NUMBER: 9227.00
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 DESIGNED BY: ELS
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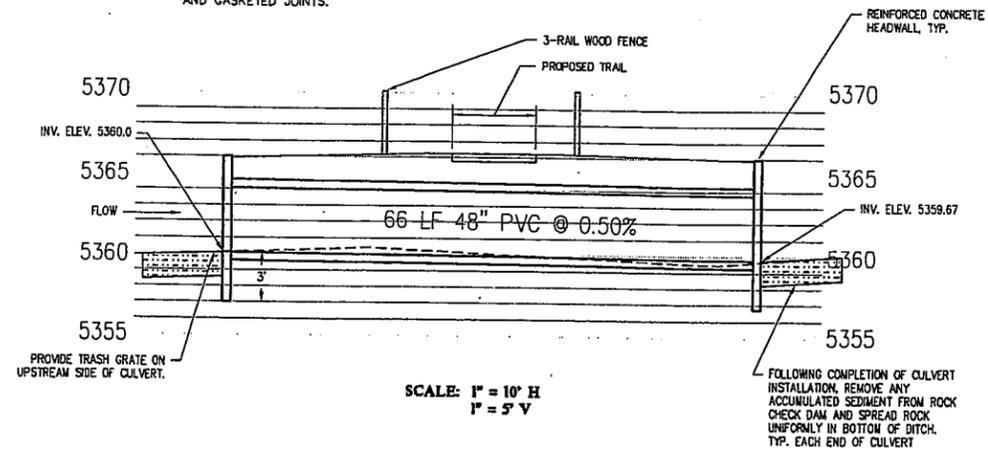


SCALE: 1" = 10'

1 CITY DITCH CROSSING

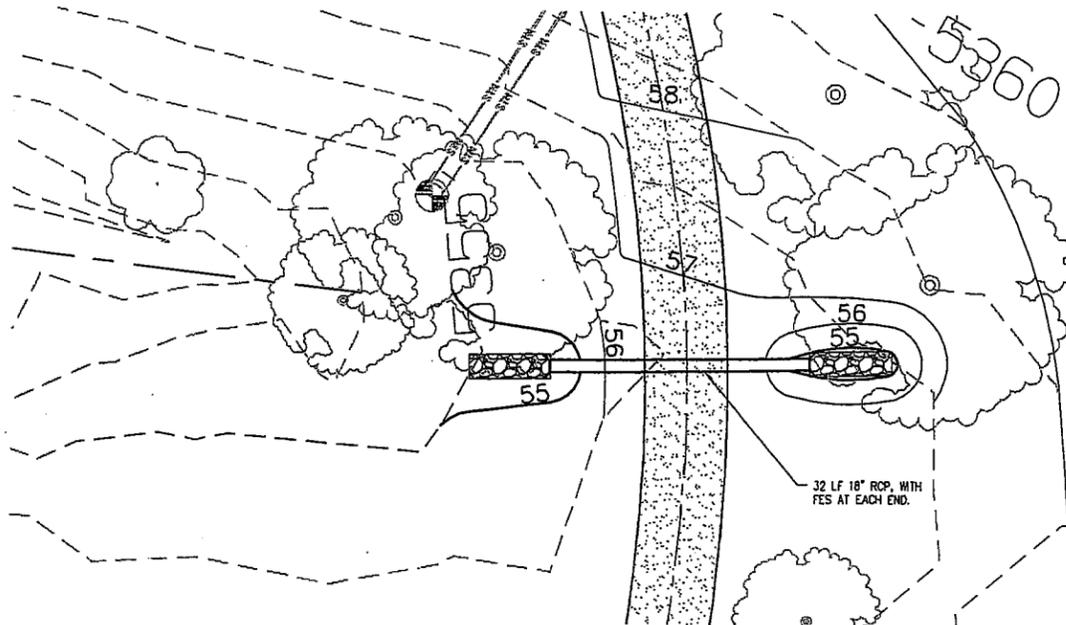
NOTES:

- SEE DRAWING L4 FOR GRADING PLAN.
- PVC PIPE SHALL MEET THE REQUIREMENTS OF ASTM F784 (DUAL WALL CORRUGATED PIPE) OR ASTM F1803 (CLOSED PROFILE) WITH CELL CLASSIFICATION 12454, PIPE STIFFNESS = 46, SMOOTH INSIDE WALL AND GASKETED JOINTS.



SCALE: 1" = 10' H
1" = 5' V

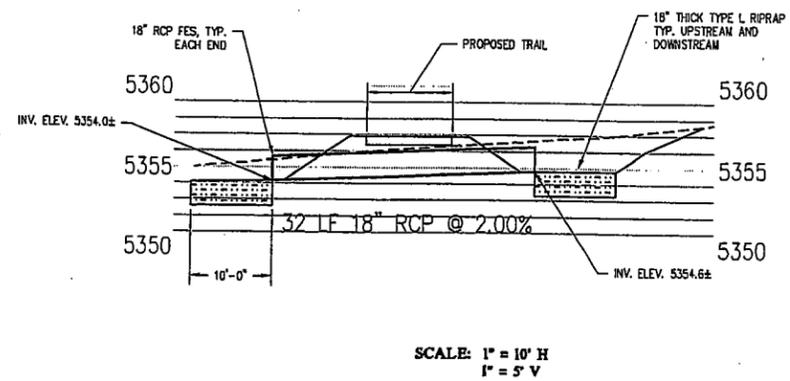
FOLLOWING COMPLETION OF CULVERT INSTALLATION, REMOVE ANY ACCUMULATED SEDIMENT FROM ROCK CHECK DAM AND SPREAD ROCK UNIFORMLY IN BOTTOM OF DITCH, TYP. EACH END OF CULVERT.



SCALE: 1" = 10'

2 WETLAND CROSSING

NOTE: SEE DRAWING L4 FOR GRADING PLAN



SCALE: 1" = 10' H
1" = 5' V

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PROJECT NUMBER:	DATE:
0227.00	01-05-11
DESIGNED: ELS	
DRAWN:	
CHECKED: JMP	
REVISIONS:	

JOB DESCRIPTION:
Construction Documents
SHEET TITLE:
Trail Crossing Profiles and Details

SHEET NUMBER:
D2
SHEET OF

FILE NAME: \\server\projects\2011\01-05-11\01-05-11-01.dwg
 PLOT DATE: 01/05/11 10:00 AM
 PLOT BY: ELS
 PLOT SCALE: 1" = 10'
 PLOT SHEET: 1 OF 1
 PLOT AREA: 11.00 X 17.00
 PLOT ORIGIN: 11.00, 17.00
 PLOT SIZE: 11.00 X 17.00
 PLOT UNIT: INCHES
 PLOT WEIGHT: 1.00
 PLOT COLOR: 1.00
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 PLOT LAYER: 0
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 PLOT PENWID100: 1

City of Littleton

Revised 12/30/2009

STANDARD NOTES FOR GRADING AND EROSION CONTROL PLANS

- The property owner is ultimately responsible for the installation and maintenance of all erosion control facilities that are installed on the property, even if specific tasks may be designated to others such as contractors, sub-contractors or site operators. If the City gives direction to a designer, it is the designer's responsibility to notify the owner.
- The City may require that the owner or their designee provide additional erosion control measures should unforeseen water or wind erosion problems occur or should the Erosion and Sediment Control Plan (ESCP) implemented not function as intended.
- All erosion control devices shown on the plan are to be installed properly prior to the start of grading or soil disturbance on the site. The silt fencing, sediment traps, inlet protection and other Best Management Practices (BMP's) shall be inspected, cleaned and maintained by the owner or their designee as needed. A written report shall be prepared at least every two weeks and after all storms (rain or snow) runoff events. The owner or their designee shall submit copies of all inspection reports to the City for review. BMP's removed to accommodate construction phasing, including clearing and grubbing, utilities, roads, vertical construction, final grading, and stabilization shall have redundant BMP's in place to provide adequate erosion control.
- The ESCP measures are to remain in place and operational until all site paving and permanent landscaping is completed. A sustainable vegetation growth in a density of at least 70% of the pre-existing condition, is to be established on all seeded areas or permanent erosion control measures shall be installed and maintained. Temporary irrigation may be necessary to establish plant growth.
- All areas disturbed by grading or construction traffic shall be seeded, mulched and watered or otherwise vegetated to stabilize the ground surface within 30 days of the completion of grading operations, or as approved by the City if seasonal or weather conditions do not allow. The City shall approve the seed mix and rate of application prior to seeding the area.
- After the site has been stabilized or vegetation established, the owner or their designee shall remove all erosion control measures and clean all storm sewers where sediment has been deposited. It may also be necessary to periodically clean the public storm sewers and down gradient properties during the development of the site.
- The owner or their designee is responsible to clean all public streets and sidewalks where sediment or mud is tracked onto the paved surface. The owner or their designee may be required to clean the public way immediately upon being notified by the City.
- The owner or their designee shall be responsible for the development and implementation of a Storm Water Management Plan (SWMP) of appropriate control measures and maintenance procedures to prevent pollution from all non-storm water discharges on the site. The SWMP shall address, at a minimum:
 - Concrete mixer truck wash water disposal areas
 - Spill protection for petroleum products and other chemicals, including vehicle fueling and potentially hazardous materials
 - Prohibition of chemicals added to storm water
 - Building material waste disposal
 - Provisions to install and maintain redundant BMP's to accommodate removal of BMP's shown on the ESCP for construction phasing, including but not limited to clearing and grubbing, utilities, roads, vertical construction, final grading and stabilization.
- If the owner or their designee fails to implement any of the provisions of the ESCP and ignores the City's verbal or written request for immediate remedy, the City may make arrangements or hire a private contractor to clean the public ways and bill the owner directly for the actual cost of such cleanup plus a \$300 administrative fee.
- The City may issue a "Stop Work" order to stop any permitted site construction work from proceeding until the erosion control measures provided on the ESCP are reinstalled, implemented as intended, or until corrective measures are taken and any necessary cleanup is performed.
- The owner or their designee may not utilize the public street as a staging area for the temporary storage of building materials, excavated materials, or construction equipment. Use of offsite private property for staging may be subject to review by the Littleton Zoning Official.
- For all sites equal to or greater than one (1) acre, the State of Colorado requires a CDPS General Permit entitled "Stormwater Discharges Associated with Construction Activity." A copy of that permit shall be submitted to the City of Littleton Engineering & Utilities Division prior to the issuance of any Grading, Foundation or Building Permit by the City.
- An Air Pollutant Emission Notice Construction Permit issued by the Colorado Department of Public Health and Environment (CDPHE), Air Pollution Control Division is required for all sites larger than 25 acres or for those areas which take more than six months to reach completion. A copy of that permit shall be submitted to the City of Littleton Engineering & Utilities Division prior to the issuance of any Grading, Foundation or Building Permit.
- A Construction Dewatering Discharge Permit shall be obtained from CDPHE prior to pumping of any surface or sub-surface water into any City public way or storm drainage system. Adequate sediment control BMP's shall be required at the pump's inlet and outlet.

DESIGNER CERTIFICATION:
"I hereby certify that this Erosion and Sediment Control Plan was prepared by me (or under my direct supervision) in accordance with the provisions of the City of Littleton's Storm Drainage Design and Technical Criteria Manual for the owners thereof."

Registered Professional Engineer _____ Date _____
State of Colorado No. _____

PROPERTY OWNER CERTIFICATION:
"I hereby certify that this Erosion and Sediment Control Plan for _____ is my responsibility to implement and maintain and I accept all of the terms stated above. I understand that the City of Littleton does not and will not assume liability for this Plan."

Printed Name: _____ Signed Name: _____
Property Owner _____
Address: _____

Phone Number: _____

Date: _____

Standard Notes for Grading and Erosion Control Plans, Revised May 10, 2001; February 11, 2004; August 24, 2009; January 14, 2009

STORMWATER MANAGEMENT

1. PROJECT SITE DESCRIPTION:

THE PROPOSED EAST BANK TRAIL WILL BEGIN AT THE INTERSECTION OF W. LITTLETON BLVD. AND S. COURT PL. AND EXTEND APPROXIMATELY 2,000 FEET NORTH TO CONNECT TO S. PRESCOTT ST. PROPOSED IMPROVEMENTS INCLUDE:

- A CONTINUOUS, 10-FT WIDE CONCRETE TRAIL MAINTENANCE ROUTE FROM W. LITTLETON BLVD. TO A CONNECTION AT S. PRESCOTT ST.
- MISCELLANEOUS CULVERT CROSSINGS TO ACCOMMODATE THE TRAIL.
- A SINGLE SPAN PEDESTRIAN BRIDGE (APPROX. 91' SPAN) ACROSS SLAUGHTERHOUSE GULCH.
- ASSOCIATED GRADING AND LANDSCAPE RESTORATION.

2. MS4 PHASE I / PHASE II X

3. RECEIVING WATER

RECEIVING WATER NAME: SLAUGHTERHOUSE GULCH
DISTANCE FROM PROJECT: VARIES FROM IMMEDIATELY ADJACENT TO 1,000 FEET AWAY.
SENSITIVE OR TMOL (TOTAL MAXIMUM DAILY LOAD) NO
WETLAND IMPACTS: NO

STREAM IMPACTS: POTENTIAL ALONG SLAUGHTERHOUSE GULCH IN VICINITY OF NEW PEDESTRIAN BRIDGE. POST-CONSTRUCTION RUNOFF WILL BE DIRECTED TO GRASS OR RIPRAP BUFFERS ALONG TRAIL BEFORE SHEET FLOW TO GULCH.
THREATENED AND ENDANGERED SPECIES: NO

4. ESTIMATED RUNOFF COEFFICIENT

PRE CONSTRUCTION: 0.16 POST CONSTRUCTION: 0.20

5. EXISTING SOIL DATA:

ACCORDING TO THE NRCS SOIL SURVEY DATA, SOILS PRESENT ON THE SITE ARE PRIMARILY EDGEWATER LOAM, ASCALON SANDY LOAM AND BRESSER LOAM, IN HYDROLOGIC GROUP B, HAVING A MODERATE INFILTRATION RATE, AND MODERATELY LOW RUNOFF POTENTIAL.

6. ACRES OF DISTURBANCE:

TOTAL AREA OF CONSTRUCTION SITE: 2.0 ACRES
TOTAL AREA OF DISTURBANCE: 2.0 ACRES
ACREAGE OF SEEDING: 1.5 ACRES

7. EXISTING VEGETATION, INCLUDING PERCENT COVER:

VEGETATION ON THE PROJECT SITE CONSISTS OF NON-IRRIGATED NATIVE GRASSES, WITH APPROXIMATELY 90 PERCENT COVER AT THE SITE.

8. POTENTIAL POLLUTANTS/MATERIALS HANDLING AND SPILL PREVENTION:

BEFORE CONSTRUCTION BEGINS, THE CONTRACTOR SHALL PROVIDE A REPORT TO THE ENGINEER ON THE POTENTIAL POLLUTION SOURCES ON SITE, INCLUDING A MAP OF THEIR LOCATIONS AND A SPILL CONTINGENCY.

9. OTHER NON-STORMWATER DISCHARGES:

NO NON-STORMWATER DISCHARGES ARE ANTICIPATED IN THE PROJECT AREA. NO SPRINGS WERE ENCOUNTERED DURING SITE RECONNAISSANCE VISITS BY THE ENGINEER. NO LANDSCAPE IRRIGATION RETURN FLOWS ARE ANTICIPATED AT THE PROJECT SITE.

10. OTHER DRAINAGE AREAS NOT ON THE SWMP:

THE 100-YEAR FLOODPLAIN HAS BEEN EVALUATED BY THE ENGINEER FOR THE PROJECT, AND IT HAS BEEN DETERMINED THAT THE PROPOSED PROJECT HAS NO ADVERSE IMPACT TO 100-YEAR FLOOD LEVELS IN THE PROJECT AREA. THE 100-YEAR FLOODPLAIN IS ADDRESSED IN THE "FLOODPLAIN ANALYSIS REPORT FOR THE LITTLETON COMMUNITY TRAIL - PEDESTRIAN BRIDGE CROSSING AT SLAUGHTERHOUSE GULCH" DATED DECEMBER, 2010 AND ON FILE AT THE CITY OF LITTLETON OFFICES.

REFERENCES TO SPECIFICATIONS, DETAILS AND NOTES:

THE CONTRACTOR SHALL REFER TO ALL SPECIFICATIONS, DETAILS AND NOTES PERTAINING TO THIS PROJECT TO ENSURE ADHERENCE TO THE COPS PERMIT. ITEMS THAT WILL BE AVAILABLE AT THE PROJECT TRAILER INCLUDE THE CONTRACT SPECIFICATIONS, A COPY OF THE COPS PERMIT, AND THE CONTRACTOR'S POTENTIAL POLLUTION REPORT-SPILL CONTINGENCY PREVENTION PLAN.

INTENT OF STORMWATER MANAGEMENT PLAN

1) THE INTENT OF THIS SWMP IS TO MINIMIZE WATER POLLUTION BY PROVIDING GUIDANCE ON HOW TO:

- PROTECT OFFSITE AREAS, DITCHES AND SLAUGHTERHOUSE GULCH FROM DISTURBANCE BY TRAIL CONSTRUCTION ACTIVITIES, INCLUDING TRAIL GRADING AND PAVING OPERATIONS, CONCRETE SAW WATER OR WATER BLASTING OPERATIONS, CONCRETE CHUTE WASH WATER AND ANY DISTURBANCES TO DIRT/EARTH.
- INSTALL CONTROL MEASURES TO PREVENT SEDIMENT FROM CONSTRUCTION ACTIVITIES FROM ENTERING DITCHES AND SLAUGHTERHOUSE GULCH.
- INSTALL PROTECTION MEASURES AT TRIBUTARY STORM INFLOW LOCATIONS.
- MONITOR CONSTRUCTION ACTIVITIES, PROVIDE REGULARLY SCHEDULED INSPECTIONS OF INSTALLED BMP'S AND MAINTAIN TEMPORARY CONTROL MEASURES DURING CONSTRUCTION PRIOR TO INSTALLATION OF PERMANENT CONTROL MEASURES.
- PROTECT EXISTING VEGETATION TO REMAIN AND PROVIDE FOR PHASED STABILIZATION AND SEEDING AND MULCHING WHERE POSSIBLE, AND
- INSTALLATION OF PERMANENT SEDIMENT AND EROSION CONTROL MEASURES, SEEDING AND MULCHING AND PLANTING AT COMPLETION OF CONSTRUCTION.

DUE TO THE PROJECTS CLOSE PROXIMITY TO STATE WATERS, WORK SHALL BE PERFORMED TO MINIMIZE WATER POLLUTION DURING CONSTRUCTION.

2) AN ON-SITE PRE-CONSTRUCTION CONFERENCE WITH THE ENGINEER, CONTRACTOR, AND OWNER IN ATTENDANCE IS REQUIRED PRIOR TO CONSTRUCTION COMMENCING. AT THIS MEETING THE INTENT OF THE STORMWATER MANAGEMENT PLAN, THE DUTIES OF THE EROSION CONTROL SUPERVISOR, SENSITIVE HABITATS ON SITE, WETLANDS AND OTHER VEGETATION TO BE PROTECTED WILL BE DISCUSSED.

REQUIRED NOTES:

- REQUIRED PERMITS:

404 PERMIT - NOT REQUIRED
CDPS PERMIT - TO BE ISSUED UPON SUBMITTAL OF APPLICATION TO CDPHE.

DISCHARGE PERMIT - MAY BE NECESSARY IF DISCHARGE FROM CONSTRUCTION ACTIVITIES TO SLAUGHTERHOUSE GULCH.

THE SWMP SHALL BE IMPLEMENTED IN A MINIMUM OF THREE PHASES: PRIOR TO CONSTRUCTION, DURING CONSTRUCTION AND POST CONSTRUCTION.

FAILURE TO PERFORM

FAILURE TO IMPLEMENT SWMP PUTS THE PROJECT IN AUTOMATIC VIOLATION OF THE STORMWATER CONSTRUCTION PERMIT.

FAILURE TO COMPLY WITH THE CDPHE PERMIT REQUIREMENTS WILL CONSTITUTE A VIOLATION BY THE CONTRACTOR. CIVIL PENALTIES FOR VIOLATIONS CAN BE UP TO \$10,000 PER DAY, AND A CRIMINAL POLLUTION OF STATE WATER IS PUNISHABLE BY FINES OF UP TO \$25,000 PER DAY. FOR ADDITIONAL INFORMATION, REVIEW THE PERMIT ON FILE OR GO ON-LINE TO THE CDPHE WEB SITE AT [HTTP://WWW.CDPHE.STATE.CO.US/WQ/PERMITS/UNL/WQCDPMT.HTML](http://www.cdphe.state.co.us/wq/permits/unl/wqcdpmt.html)

FIRST CONSTRUCTION ACTIVITIES THE CONTRACTOR SHALL PERFORM THE FOLLOWING:

SITE MAP COMPONENTS:

DURING CONSTRUCTION ITEMS SHALL BE ADDED BY THE CONTRACTOR:

- AREAS USED FOR STORAGE OF BUILDING MATERIALS, SOILS OR WASTES.
- LOCATION OF WORK ACCESS ROUTES DURING CONSTRUCTION.
- LOCATION OF BORROW AND WASTE LOCATIONS.

PRIOR TO WORK COMMENCING:

1) THE CONTRACTOR SHALL ASSIGN AN EMPLOYEE TO ACT AS THE EROSION CONTROL SUPERVISOR (ECS) FOR THE PROJECT. THE COST FOR THE SERVICES OF THE ECS SHALL BE INCLUDED AS A SUBSIDIARY OBLIGATION OF THE EROSION CONTROL BMP'S REQUIRED FOR THIS PROJECT. RESPONSIBILITIES ARE AS FOLLOWS:

- ENSURE COMPLIANCE WITH ALL WATER QUALITY PERMITS OR CERTIFICATIONS IN EFFECT DURING THE CONSTRUCTION WORK.
- DIRECTLY SUPERVISE THE INSTALLATION, CONSTRUCTION, AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SPECIFIED IN THE CONTRACT AND COORDINATE THE CONSTRUCTION OF EROSION CONTROL MEASURES WITH ALL OTHER CONSTRUCTION OPERATIONS.
- DIRECT THE IMPLEMENTATION, AND SUBSEQUENT DISMANTLING, OF SUITABLE TEMPORARY EROSION AND SEDIMENT CONTROL FEATURES AS NECESSARY TO CORRECT UNFORESEEN CONDITIONS OR EMERGENCY SITUATIONS.
- INSPECT ALL EROSION CONTROL FEATURES AT LEAST ONCE EVERY 14 CALENDAR DAYS AND AFTER EACH STORM EVENT THAT CAUSES SURFACE RUNOFF. A REPORT SHALL BE SUBMITTED TO THE OWNER AFTER EVERY INSPECTION AND SHALL BECOME PART OF THE PROJECT RECORDS. THE APPROPRIATE FORM FOR THIS REPORT WILL BE SUPPLIED BY THE OWNER. THE INSPECTIONS SHALL BE MADE UNTIL FINAL ACCEPTANCE OR THE WORK.
- ATTEND THE PRE-CONSTRUCTION CONFERENCE AND ALL PROJECT PROGRESS MEETINGS, UNLESS OTHERWISE DIRECTED BY THE OWNER.
- IMPLEMENT NECESSARY ACTIONS TO REDUCE ANTICIPATED OR PRESENTLY EXISTING WATER QUALITY OR EROSION PROBLEMS RESULTING FROM CONSTRUCTION ACTIVITIES.
- MAKE AVAILABLE, UPON THE OWNER'S REQUEST, ALL LABOR, MATERIAL, AND EQUIPMENT JUDGED APPROPRIATE BY THE OWNER TO INSTALL AND MAINTAIN SUITABLE EROSION AND SEDIMENT CONTROL FEATURES.

2) EROSION CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE APPROVED SCHEDULE PRIOR TO ANY CONSTRUCTION.

3) PERIMETER CONTROL SHALL BE ESTABLISHED AS THE FIRST ITEM ON THE SWMP.

4) IDENTIFY AND IMPLEMENT BMP'S FOR OTHER POLLUTANTS LISTED IN THE POTENTIAL POLLUTION REPORT-SPILL CONTINGENCY PLAN, EQUIPMENT MAINTENANCE AND VEHICLE WASHING.

OFFSITE DRAINAGE:

1) PROJECT SITE SHALL BE EVALUATED BY THE CONTRACTOR FOR ALL WATER DRAINING INTO OR THROUGH THE PROJECT SITE. THIS MAY MEAN PROTECTING INLETS NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL REVISE THE SWMP ACCORDINGLY.

2) BMP'S SHALL BE USED TO CONTROL EROSION AND SEDIMENT FROM OFF-SITE WATER ENTERING THE SITE.

INLET PROTECTION:

1) PRIOR TO CONSTRUCTION COMMENCING, INLETS SHALL BE PROTECTED WITH STORM DRAIN INLET PROTECTION MEASURES.

STABILIZED CONSTRUCTION ENTRANCE:

1) IT IS ESTIMATED THAT TWO STABILIZED CONSTRUCTION ENTRANCES WILL BE REQUIRED AS DIRECTED, TO PROTECT ADJACENT ROADWAYS FROM SEDIMENT TRACKING BY CONSTRUCTION TRAFFIC.

DURING CONSTRUCTION - THE CONTRACTOR SHALL MONITOR AND EVALUATE POTENTIAL POLLUTANT SOURCES THROUGHOUT THE TERM OF THE CONTRACT.

1) CONSTRUCTION EQUIPMENT SHALL BE CLEANED PRIOR TO SITE ARRIVAL. VEHICLES SHALL BE FREE OF SOIL AND DEBRIS CAPABLE OF TRANSPORTING NOXIOUS WEED SEEDS OR ROOTS ONTO THE SITE.

2) VEHICLE CLEANING MAY OCCUR ON SITE, IN APPROVED AREAS, WHERE WASH WATER CAN BE CONTAINED.

GRADING AND SLOPE STABILIZATION:

1) PURSUE AND STABILIZE ALL DISTURBANCES TO COMPLETION. THE CONTRACTOR SHALL INCLUDE WITH THE OVERALL SCHEDULE THE DATES WHEN AREAS ARE TO BE COMPLETED AND STABILIZED.

2) DISTURBED SURFACES SHALL BE LEFT IN A ROUGHENED CONDITION AT ALL TIMES BY EQUIPMENT TRACKING, SCARIFYING OR DISKING THE SURFACE ON CONTOUR WITH A 2 TO 4 INCH MINIMUM VARIATION IN SOIL SURFACE.

3) PLACEMENT OF SEED, FERTILIZER, MULCH (WEED FREE) AND MULCH TACKIFIER (OR BLANKETS) WILL NOT BE DONE IN A SINGLE OPERATION, BUT SHALL BE COMPLETED:

A) WHEN AREAS HAVE BEEN COMPLETED, PERMANENT STABILIZATION SHALL OCCUR WITHIN 7 CALENDAR DAYS.

B) WHEN DISTURBED AREAS WHERE WORK IS TEMPORARILY HALTED, SHALL BE TEMPORARILY STABILIZED WITHIN 7 CALENDAR DAYS AFTER ACTIVITY HAS CEASED UNLESS WORK IS TO BE RESUMED WITHIN 30 CALENDAR DAYS AFTER THE ACTIVITY CEASED AS AUTHORIZED BY THE ENGINEER.

4) THE CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO THOSE AREAS WITHIN THE LIMITS OF DISTURBANCE SHOWN ON THE PLANS AND CROSS-SECTIONS. CONSTRUCTION ACTIVITIES IN ADDITION TO NORMAL CONSTRUCTION PROCEDURES SHALL INCLUDE THE ON-SITE PARKING OF VEHICLES OR EQUIPMENT, ON-SITE STAGING, STOCKPILE AREAS, HAUL ROADS OR WORK ACCESS AND ANY OTHER ACTION WHICH WOULD DISTURB EXISTING CONDITIONS. OFF ROAD STAGING AREAS OR STOCKPILES MUST BE PRE-APPROVED BY THE OWNER AND ENGINEER. DISTURBANCES BEYOND THESE LIMITS SHALL BE RESTORED TO THE ORIGINAL CONDITION BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

CONCRETE WASHOUT:

1) IT IS ESTIMATED THAT TWO CONCRETE WASHOUT STRUCTURES SHALL BE REQUIRED ON THE PROJECT.

2) WASHOUT AREAS SHALL BE CHECKED BY THE CONTRACTOR AND MAINTAINED AS REQUIRED.

3) WHEN APPROVED BY THE ENGINEER AN "URBAN" CONCRETE WASHOUT STRUCTURE (SUCH AS AN "ECO-PAN") MAY BE USED. AFTER USE STRUCTURE MUST BE REMOVED FROM THE PROJECT SITE.



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Littleton Community Trail
Littleton, Colorado

PROJECT NUMBER: 9227.00 DATE: 04-22-11

DESIGNED: BN
DRAWN: KD
CHECKED: BN

REVISIONS:

JOB DESCRIPTION:
Construction Documents

SHEET TITLE:
Stormwater Management Plan Notes

SHEET NUMBER:

SMP 1

SHEET OF

SAW CUTTING:

- 1) THE CONTRACTOR SHALL PROTECT ALL STORM DRAIN FACILITIES ADJACENT TO LOCATIONS WHERE PAVEMENT CUTTING OPERATIONS INVOLVING WHEEL CUTTING, SAW CUTTING, WAND BLASTING OR ABRASIVE WATER JET CUTTING ARE TO TAKE PLACE.
- 2) THE CONTRACTOR SHALL CONTAIN, VACUUM REMOVE AND PROPERLY DISPOSE OF ALL WATER OR SAND PRODUCTS GENERATED BY SUCH ACTIVITIES. THE COST OF VACUUMING SHALL BE INCLUDED IN THE COST OF THE WORK.

INLET PROTECTION:

- 1) NEWLY CONSTRUCTED INLETS AND CULVERTS SHALL BE PROTECTED CONTINUALLY THROUGHOUT CONSTRUCTION AND IMMEDIATELY UPON COMPLETION OF CONSTRUCTION. THE CONTRACTOR SHALL REMOVE SEDIMENT, MILLING, DEBRIS AND OTHER POLLUTANTS GENERATED FROM THE SYSTEM, PRIOR TO USE, AT NO ADDITIONAL COST TO THE PROJECT.

SOIL RETENTION BLANKET

- 1) SOIL RETENTION BLANKET SHALL BE PLACED ALONG SLOPES WHERE INDICATED ON THE DRAWINGS AND/OR DIRECTED AT THE SITE BY THE OWNER OR ENGINEER.

ADDITIONAL SEDIMENT/EROSION CONTROL:

- 1) THE OWNER OR ENGINEER MAY DIRECT THAT ADDITIONAL SEDIMENT/EROSION CONTROL MEASURES BE IMPLEMENTED. COSTS WILL GENERALLY BE PAID FOR BY EXTENSION OF UNIT PRICE QUANTITIES.

MATERIALS HANDLING:

- 1) MATERIAL STOCKPILE LOCATIONS FOR PROJECTS IN SENSITIVE AREAS. ANY MATERIAL STOCKPILES SHALL BE LOCATED AWAY FROM SENSITIVE AREAS AND CONFINED SO THAT NO MATERIAL OR THEIR RUN-OFF WILL ENTER STATE WATERS. LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
- 2) SILT FENCE, BERMS OR OTHER SEDIMENT CONTROL DEVICES SHALL BE PLACED AT THE TOE (OR JUST BEYOND TOE) OF ALL STOCKPILES (INCLUDING TOPSOIL). SEDIMENT CONTROL FOR STOCKPILES WILL NOT BE PAID FOR SEPARATELY.
- 3) THERE SHALL BE NO STOCKPILING OR SIDE CASTING OF WASTE MATERIALS INCLUDING BUT NOT LIMITED TO PAINT CHIPS, ASPHALT, AND CONCRETE ADJACENT TO ANY STATE WATERS THAT COULD POTENTIALLY RESULT FROM PROJECT ACTIVITIES.
- 4) CONTAINMENT AND CLEAN UP OF EQUIPMENT FUEL, OIL AND LUBRICANT LEAKS:
CONTRACTOR SHALL INSPECT AND CERTIFY EQUIPMENT AND VEHICLES DAILY TO ENSURE PETROLEUM, OILS, AND LUBRICANTS (POL) ARE NOT LEAKING ONTO THE SOIL OR PAVEMENT. ABSORBENT MATERIAL OR CONTAINERS APPROVED BY THE ENGINEER SHALL BE USED TO PREVENT LEAKING POL FROM REACHING THE SOIL OR PAVEMENT. CONTRACTOR SHALL HAVE READY APPROVED ADSORBENT MATERIAL OR CONTAINERS OF SUFFICIENT CAPACITY TO CONTAIN ANY LEAK POL THAT CAN REASONABLY BE FORESEEN. ALL MATERIALS RESULTING FROM POL LEAKAGE CONTROL AND CLEANUP SHALL BE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE SITE. THE COST FOR CONTROL AND CLEANUP OF POL LEAKS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE WORK.

STREET CLEANING:

- 1) WHENEVER SEDIMENT IS TRANSPORTED ONTO THE HIGHWAY, THE ROAD SHALL BE CLEANED AS NEEDED. STREET WASHING WILL NOT BE ALLOWED. STORM DRAIN INLET PROTECTION SHALL BE IN PLACE PRIOR TO SHOVELING, SWEEPING OR VACUUMING. STREET CLEANING SHALL NOT BE PAID FOR SEPARATELY.

GENERAL SITE CONDITIONS:

- 1) AT THE END OF EACH DAY THE CONTRACTOR SHALL BE RESPONSIBLE FOR COLLECTING ALL TRASH AND DISPOSING IT IN APPROPRIATE CONTAINERS. CONTAINERS SHALL BE EMPTIED AS NEEDED.

MAINTENANCE OF EROSION CONTROL DEVICES:

- 1) INSPECTIONS SHALL BE CONTINUOUS AND REPAIRS OR REPLACEMENTS OF EROSION CONTROL MEASURES SHALL BE MADE WITHIN 2 DAYS OR AS DIRECTED BY THE ENGINEER. EROSION BALES, SILT FENCE, EROSION LOGS, STORM DRAIN INLET PROTECTION DEVICES SHALL BE INSPECTED FOLLOWING EACH OCCURRENCE OF PRECIPITATION OR SNOW MELT EVENT THAT MAY CAUSE EROSION OR RUN-OFF. SEDIMENT SHALL BE CLEANED OUT WHEN SILT DEPTH IS 50% OR GREATER THEN THE EROSION CONTROL DEVICE. SEDIMENT REMOVAL AND DISPOSAL SHALL NOT BE PAID FOR SEPARATELY. COST OF CLEANING IS INCLUDED IN THE EROSION CONTROL DEVICE.

INSPECTIONS:

- 1) THE PROJECT IS SUBJECT TO INSPECTIONS BY THE OWNER, ENGINEER, COPHE, COE, EPA, COLORADO DEPARTMENT OF TRANSPORTATION AND THE CITIES OF LITTLETON AND ENGLEWOOD AT ANY TIME.
- 2) INSPECTION OF THE STORMWATER MANAGEMENT SYSTEM SHALL BE PERFORMED BY THE CONTRACTOR AT LEAST EVERY 14 CALENDAR DAYS AND AFTER THE OCCURRENCE OF PRECIPITATION OR SNOW MELT EVENT THAT MAY CAUSE EROSION OR RUN-OFF. SUBMIT COPIES OF WRITTEN REPORTS TO THE OWNER AND THE CITY OF LITTLETON. TIME SPAN GREATER THAN 14 CALENDAR DAYS IS A VIOLATION OF THE CDPS PERMIT.

RECORD KEEPING

- 1) KEEPING ACCURATE AND COMPLETE RECORDS IS A REQUIREMENT OF THE STORMWATER CONSTRUCTION PERMIT; ENFORCEMENT ACTION, INCLUDING FINES COULD RESULT IF RECORDS ARE NOT ADEQUATE.
- 2) THE SWMP SHOULD BE CONSIDERED A "LIVING DOCUMENT" THAT IS CONTINUOUSLY REVIEWED AND MODIFIED. THE CONTRACTOR SHALL MAKE CHANGES TO THE SWMP, INCLUDING BUT NOT LIMITED TO: ADDITIONS, DELETIONS, CHANGING LOCATIONS OF BMPs SHALL BE MARKED IN THE PLANS, DATED AND SIGNED AT TIME OF OCCURRENCE.
- 3) ALL INSPECTION AND MAINTENANCE ACTIVITIES OR OTHER REPAIRS SHALL BE DOCUMENTED BY THE CONTRACTOR AND THE RECORDS KEPT ON THE PROJECT SITE.
- 4) RECORDS OF SPILL, LEAKS OR OVERFLOWS THAT RESULT IN THE DISCHARGE OF POLLUTANTS MUST BE DOCUMENTED AND MAINTAINED. INFORMATION THAT SHOULD BE RECORDED FOR ALL OCCURRENCES INCLUDE THE TIME AND DATE, WEATHER CONDITIONS, REASONS FOR SPILL, ETC. SOME SPILLS MAY NEED TO BE REPORTED TO THE WATER QUALITY CONTROL DIVISION IMMEDIATELY, SPECIFICALLY, A RELEASE OF ANY CHEMICAL, OIL, PETROLEUM PRODUCT, SEWAGE, ETC., WHICH MAY ENTER STATE WATERS MUST BE REPORTED.
- 5) AT 14 DAY INSPECTIONS INCIDENTS OF NONCOMPLIANCE, SUCH AS UNCONTROLLED RELEASES OF POLLUTANTS INCLUDING MUD, MUDDY WATER OR MEASURABLE QUANTITIES OF SEDIMENT FOUND OFF-SITE SHALL BE NOTED, ALONG WITH A BRIEF EXPLANATION AS TO MEASURES TAKEN TO PREVENT FUTURE VIOLATIONS AND MEASURES TAKEN TO CLEAN UP SEDIMENT THAT HAS LEFT THE SITE.
- 6) AFTER MEASURES HAVE BEEN TAKEN TO CORRECT ANY PROBLEMS AND RECORDED, OR WHERE A REPORT DOES NOT IDENTIFY INCIDENTS OF NONCOMPLIANCE, THE REPORT SHALL CONTAIN A SIGNED CERTIFICATION INDICATING THE SITE IS IN COMPLIANCE.

*** BY SIGNING THE CERTIFICATE THE SIGNER CERTIFIES:**

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT A QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

PRIOR TO FINAL ACCEPTANCE

- 1) AFTER ALL CONCRETE OPERATIONS ARE COMPLETE, AREAS AFFECTED BY THESE OPERATIONS (INCLUDING WASH-OUT AREAS) SHALL BE RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.
- 2) PRIOR TO FINAL ACCEPTANCE, A FINAL WALK THROUGH OF THE PROJECT SHALL OCCUR WITH THE OWNER AND ENGINEER IN ATTENDANCE. AT THIS TIME BMPs SHALL BE INSPECTED FOR CLEANING, MAINTENANCE OR REMOVAL. AREAS WILL BE INSPECTED FOR ANY ADDITIONAL BMPs THAT MAY BE REQUIRED.
- 3) BMPs SHALL BE REMOVED WHEN 70% OF PREEXISTING COVER HAS BEEN ESTABLISHED WITHIN THE DISTURBED PROJECT LIMITS. BMPs SUBJECT TO REMOVAL SHALL BE DETERMINED AT THE FINAL WALK THROUGH OF THE PROJECT. THE CONTRACTOR SHALL REMOVE APPROVED BMPs; COST OF BMP REMOVAL WILL BE INCLUDED IN THE BMP.
- 4) UPON COMPLETION OF WORK REQUIRED BY WALK THROUGH THE CONTRACTOR WILL MODIFY THE SWMP TO AN ACCURATE DEPICTION OF WHAT REMAINS ON THE PROJECT SITE.

SEEDING PLAN

THE FOLLOWING TYPES AND RATES SHALL BE USED:

UPLAND SEED MIXTURE

BY WEIGHT % OF MIX	SPECIES
20%	CRESTED WHEATGRASS "FAIRWAY"
20%	WESTERN WHEATGRASS "ARRIBA" OR "BARTON"
20%	SMOOTH BROME "LINCOLN" OR "MANCHAR"
20%	TALL FESCUE "K-31"
10%	SIDEOATS GRAMA
10%	BLUE GRAMA

APPLY AT 30 POUNDS/ACRE

SEEDING NOTES:

ALL DISTURBED AREAS MUST BE SEEDED AND MULCHED.

SOIL PREPARATION FOR SEEDING:

RIP TO 18 INCHES ALL COMPACTED SOILS FROM CONSTRUCTION OR PRECONSTRUCTION TRAFFIC. EVENLY DISTRIBUTE 600 POUNDS PER ACRE BIOSOL, OR EQUAL APPROVED BY THE ENGINEER.

FINE GRADING IN ALL LANDSCAPE AREAS:

- SHALL BE DONE WHEN THE SOIL IS NO EXCESSIVELY WET OR DRY OR FROZEN.
 - ESTABLISH FINISH GRADES TO WITHIN 0.1 FOOT OF GRADES INDICATED.
 - NOXIOUS WEEDS OR PARTS OF THEREOF SHALL NOT BE PRESENT IN THE SURFACE GRADE PRIOR TO SEEDING.
- PRIOR TO ACCEPTANCE OF GRADES, HAND RAKE TO SMOOTH, EVEN SURFACE, FREE OF DEBRIS, CLODS, ROCKS AND VEGETABLE MATTER GREATER THAN 2 INCHES.

SEEDING APPLICATION:

DRILL UPLAND SEED PER SPECIFICATIONS.
SEEDING TIME: PLANT INTO FROST-AND SNOW-FREE SEED BED BETWEEN PER SPECIFICATIONS. FALL AND SPRING SEEDING TIMES ARE PREFERRED.

MULCHING:

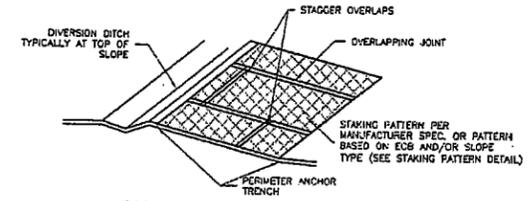
WITHIN 24 HOURS AFTER SEEDING, MULCH SEEDED AREAS WITH 2500#/ACRE VIRGIN WOOD FIBER HYDROMULCH WITH 150#/ACRE ORGANIC TACKIFIER.
ALL UPLAND SEEDED SLOPES OVER 3:1 AND AT LOCATIONS WHERE DIRECTED BY ENGINEER SHALL HAVE A JUTE SOIL RETENTION BLANKET INSTALLED. SLOPES SHOULD BE RAKED SMOOTH AND ROCKS REMOVED TO PREVENT DRAPING OR GAPS UNDER NETTING. LAPPING OF SEAMS MUST BE 6" AND STAKE ALL LOW AREAS AND BODY PLUS EDGE OF JUTE ON 24" INTERVALS WITH 6" LANDSCAPE STAPLES. JUTE NETTING NOT INSTALLED AS SPECIFIED MAY BE REQUESTED TO BE REINSTALLED AT NO ADDITIONAL COST.

RESEEDING OPERATIONS/CORRECTIVE STABILIZATION

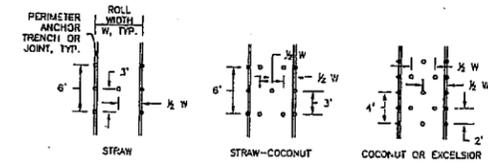
PRIOR TO FINAL ACCEPTANCE:

- 1) SEEDED AREAS SHALL BE REVIEWED AT 14 DAY INSPECTIONS BY THE EROSION CONTROL SUPERVISOR FOR BARE SOILS CAUSED BY SURFACE OR WIND EROSION. BARE AREAS CAUSED BY SURFACE OR GULLY EROSION, BLOWN AWAY MULCH, ETC. SHALL BE REGRADED, SEEDED, MULCHED AND HAVE MULCH TACKIFIER (OR BLANKET) APPLIED AS NECESSARY, AT NO ADDITIONAL COST TO THE PROJECT.
- 2) AREAS WHERE SEED HAS NOT GERMINATED AFTER ONE SEASON SHALL BE EVALUATED BY THE ENGINEER AND CDOT LANDSCAPE ARCHITECT. AREAS THAT HAVE NOT GERMINATED SHALL HAVE SEED, MULCH AND MULCH TACKIFIER (OR BLANKET) REAPPLIED, AT NO ADDITIONAL COST TO THE PROJECT.
- 3) THE CONTRACTOR SHALL MAINTAIN, MOW TO CONTROL WEEDS OR APPLY HERBICIDE TO CONTROL WEEDS IN THE SEEDED AREAS UNTIL FINAL ACCEPTANCE, AT NO ADDITIONAL COST TO THE PROJECT.

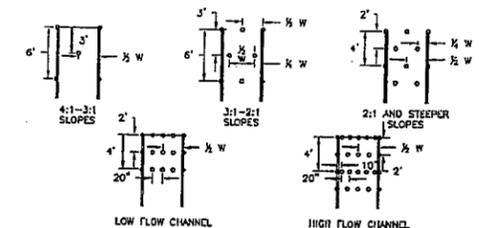
Rolled Erosion Control Products (RECP) EC-6



ECB-3, OUTSIDE OF DRAINAGEWAY



STAKING PATTERNS BY ECB TYPE



STAKING PATTERNS BY SLOPE OR CHANNEL TYPE

EROSION CONTROL BLANKET INSTALLATION NOTES

- SEE PLAN VIEW FOR:
-LOCATION OF ECB.
-TYPE OF ECB (STRAW, STRAW-COCOONUT, COCOONUT, OR EXCELSIOR).
-AREA, A, IN SQUARE YARDS OF EACH TYPE OF ECB.
- 100% NATURAL AND BIODEGRADABLE MATERIALS ARE PREFERRED FOR RECPs, ALTHOUGH SOME JURISDICTIONS MAY ALLOW OTHER MATERIALS IN SOME APPLICATIONS.
- IN AREAS WHERE ECBs ARE SHOWN ON THE PLANS, THE PERMITTEE SHALL PLACE TOPSOIL AND PERFORM FINAL GRADING, SURFACE PREPARATION, AND SEEDING AND MULCHING. SUBGRADE SHALL BE SMOOTH AND MOIST PRIOR TO ECB INSTALLATION AND THE ECB SHALL BE IN FULL CONTACT WITH SUBGRADE. NO GAPS OR VOIDS SHALL EXIST UNDER THE BLANKET.
- PERIMETER ANCHOR TRENCH SHALL BE USED ALONG THE OUTSIDE PERIMETER OF ALL BLANKET AREAS.
- JOINT ANCHOR TRENCH SHALL BE USED TO JOIN ROLLS OF ECBs TOGETHER (LONGITUDINALLY AND TRANSVERSELY) FOR ALL ECBs EXCEPT STRAW WHICH MAY USE AN OVERLAPPING JOINT.
- INTERMEDIATE ANCHOR TRENCH SHALL BE USED AT SPACING OF ONE-HALF ROLL LENGTH FOR COCOONUT AND EXCELSIOR ECBs.
- OVERLAPPING JOINT DETAIL SHALL BE USED TO JOIN ROLLS OF ECBs TOGETHER FOR ECBs ON SLOPES.
- MATERIAL SPECIFICATIONS OF ECBs SHALL CONFORM TO TABLE ECB-1.
- ANY AREAS OF SEEDING AND MULCHING DISTURBED IN THE PROCESS OF INSTALLING ECBs SHALL BE RESEEDED AND MULCHED.
- DETAILS ON DESIGN PLANS FOR MAJOR DRAINAGEWAY STABILIZATION WILL GOVERN IF DIFFERENT FROM THOSE SHOWN HERE.

TABLE ECB-1, ECB MATERIAL SPECIFICATIONS				
TYPE	COCOONUT CONTENT	STRAW CONTENT	EXCELSIOR CONTENT	RECOMMENDED NETTING**
STRAW*	-	100%	-	DOUBLE/NATURAL
STRAW-COCOONUT	30% MIN	70% MAX	-	DOUBLE/NATURAL
COCOONUT	100%	-	-	DOUBLE/NATURAL
EXCELSIOR	-	-	100%	DOUBLE/NATURAL

*STRAW ECBs MAY ONLY BE USED ON SLOPES OF 3:1 OR GREATER.
**ALTERNATE NETTING MAY BE ACCEPTABLE IN SOME JURISDICTIONS.

EROSION CONTROL BLANKET MAINTENANCE NOTES

- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
- FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
- ECBs SHALL BE LEFT IN PLACE TO EVENTUALLY BIODEGRADE, UNLESS REQUESTED TO BE REMOVED BY THE LOCAL JURISDICTION.
- ANY ECB PULLED OUT, TORN, OR OTHERWISE DAMAGED SHALL BE REPAIRED OR REINSTALLED. ANY SUBGRADE AREAS BELOW THE GEOTEXTILE THAT HAVE EXPOSED TO CREATED A VOID UNDER THE BLANKET, OR THAT REMAIN DEVOID OF GRASS SHALL BE REPAIRED, RESEEDED AND MULCHED AND THE ECB REINSTALLED.

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

(DETAILS ADAPTED FROM DOUGLAS COUNTY, COLORADO AND TOWN OF FAIRVIEW, COLORADO, NOT AVAILABLE IN AUTOCAD)

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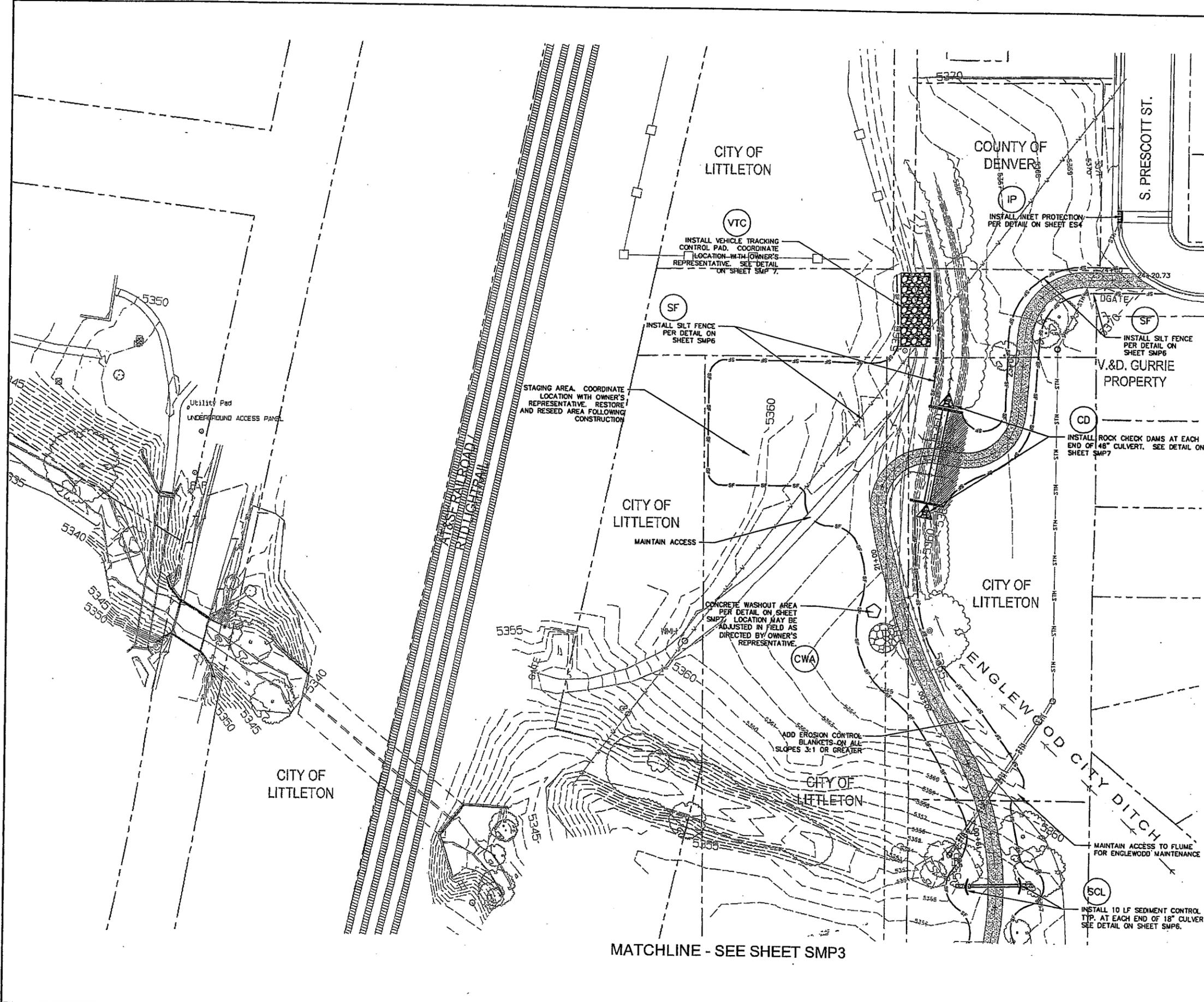
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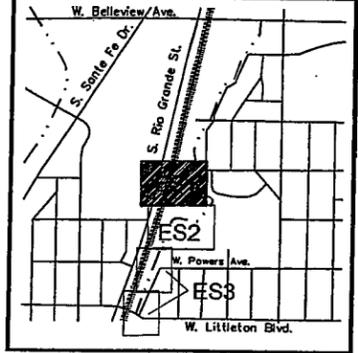
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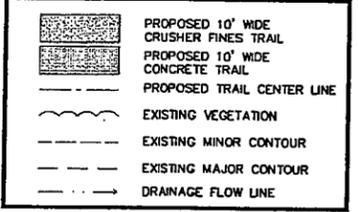
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SHEET TITLE: Stormwater Management Plan Notes
SHEET NUMBER: SMP 2
SHEET OF



KEYMAP



LEGEND



- NOTES:**
1. REFER TO THE CITY OF LITTLETON STANDARD EROSION CONTROL NOTES ON SHEET SMP1.
 2. COORDINATE PROJECT ACCESS LOCATIONS WITH OWNER'S REPRESENTATIVE. INSTALL TEMPORARY VEHICLE TRACKING CONTROL MEASURES AT ALL ACCESS POINTS. SEE DETAIL ON SHEET ES5.
 3. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF EXISTING TREES, STRUCTURES AND PAVEMENTS, CONTROL OF SURFACE WATER AND GROUNDWATER DURING CONSTRUCTION, AND FOR CONSTRUCTION AND MAINTENANCE OF SUITABLE EROSION AND SEDIMENT CONTROL MEASURES.
 4. CONFINE ALL OPERATIONS WITHIN LIMITS OF CONSTRUCTION. THE OBJECTIVE IS TO PROTECT AREAS OUTSIDE OF THE WORK LIMITS FROM DAMAGE DUE TO SITE CONSTRUCTION.
 5. ALL DISTURBED AREAS SHALL BE SEEDING AND MULCHED. REFER TO THE SPECIFICATIONS FOR NATIVE SEED MIX AND MULCH REQUIREMENTS.

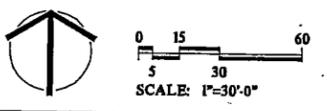
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SHEET TITLE:	
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SHEET NUMBER:	
SMP3	
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MATCHLINE - SEE SHEET SMP3

MATCHLINE - SEE SHEET SMP3

KEYMAP

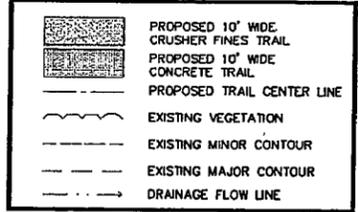


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LEGEND



NOTES:

1. REFER TO THE CITY OF LITTLETON STANDARD EROSION CONTROL NOTES ON SHEET SMP1.
2. COORDINATE PROJECT ACCESS LOCATIONS WITH OWNER'S REPRESENTATIVE. INSTALL TEMPORARY VEHICLE TRACKING CONTROL MEASURES AT ALL ACCESS POINTS. SEE DETAIL ON SHEET ESS.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF EXISTING TREES, STRUCTURES AND PAVEMENTS, CONTROL OF SURFACE WATER AND GROUNDWATER DURING CONSTRUCTION, AND FOR CONSTRUCTION AND MAINTENANCE OF SUITABLE EROSION AND SEDIMENT CONTROL MEASURES.
4. CONFINE ALL OPERATIONS WITHIN LIMITS OF CONSTRUCTION. THE OBJECTIVE IS TO PROTECT AREAS OUTSIDE OF THE WORK LIMITS FROM DAMAGE DUE TO SITE CONSTRUCTION.
5. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED. REFER TO THE SPECIFICATIONS FOR NATIVE SEED MIX AND MULCH REQUIREMENTS.

Littleton Community Trail
 Littleton, Colorado

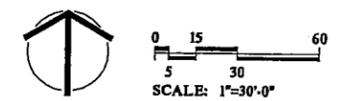
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 DATE: 04-22-11
 DESIGNED: JP
 DRAWN: JP
 CHECKED: JP
 REVISIONS:

JOB DESCRIPTION:
 Construction Documents

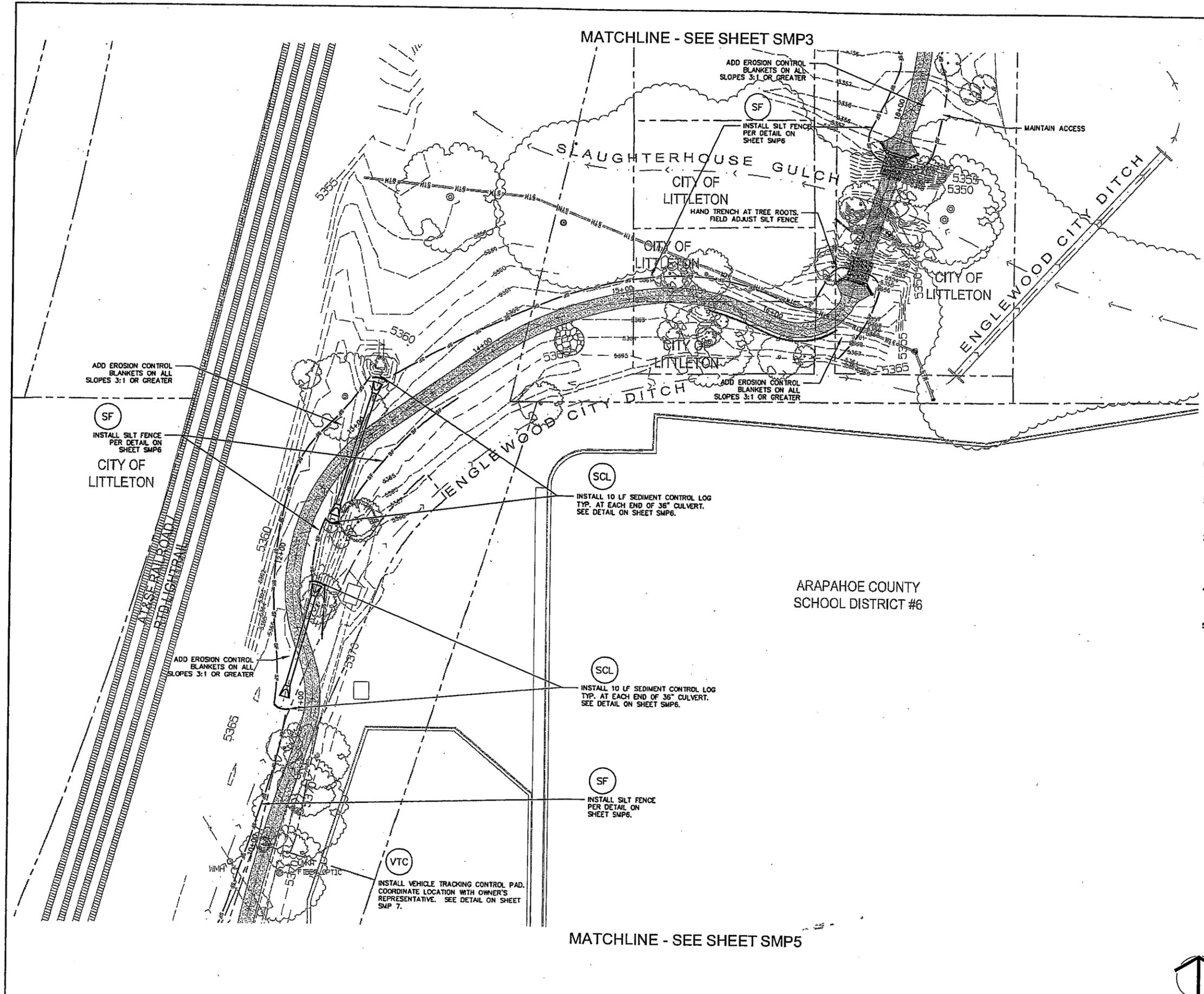
SHEET TITLE:
 Stormwater Management Plan

SHEET NUMBER:

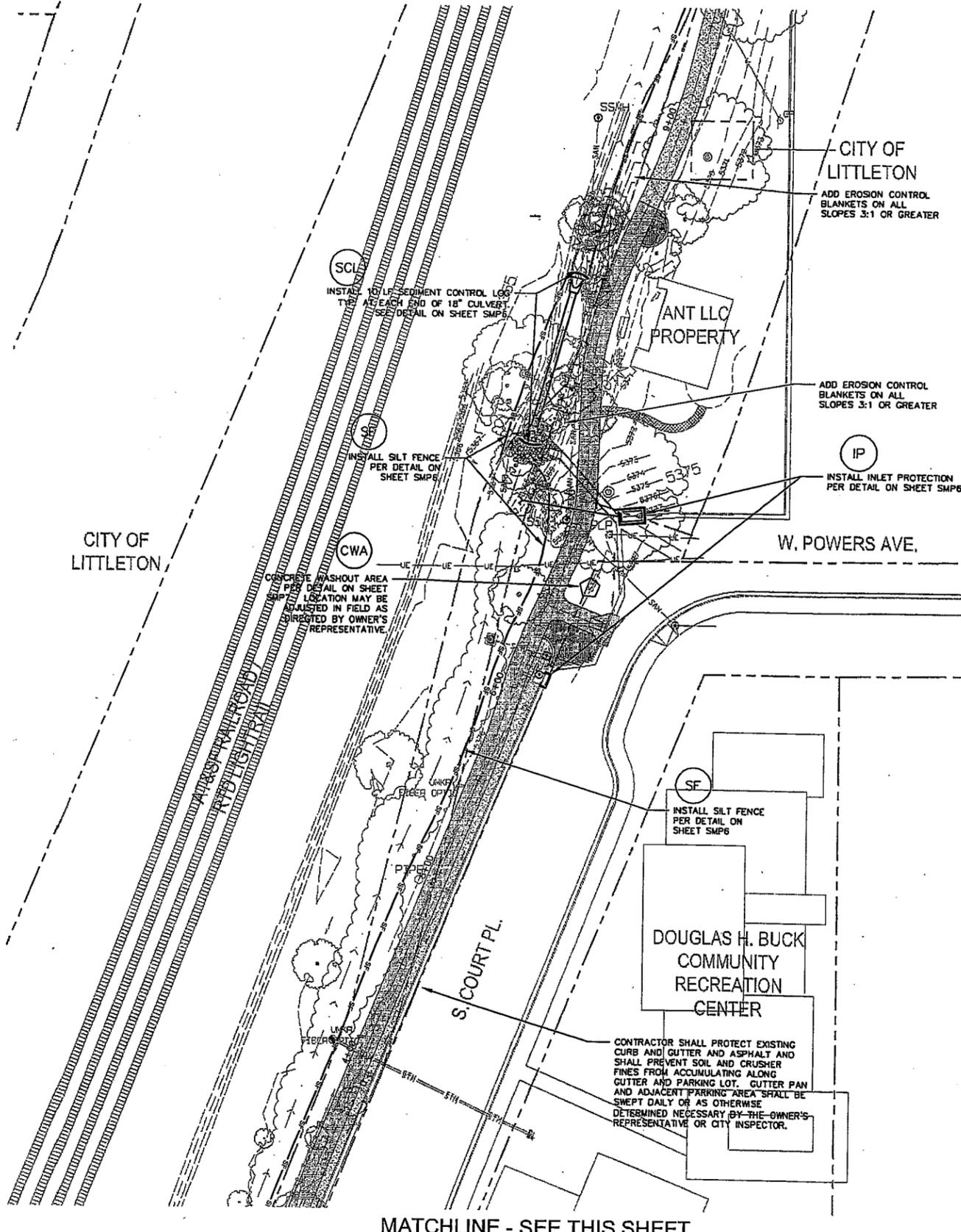
SMP4
 SHEET OF



MATCHLINE - SEE SHEET SMP5



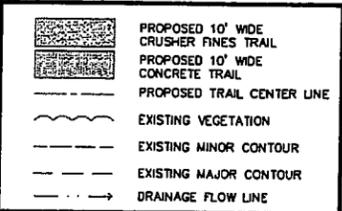
MATCHLINE - SEE SHEET SMP4



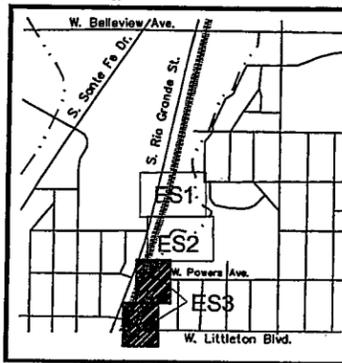
MATCHLINE - SEE THIS SHEET

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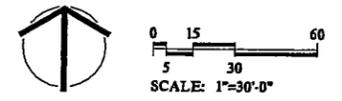
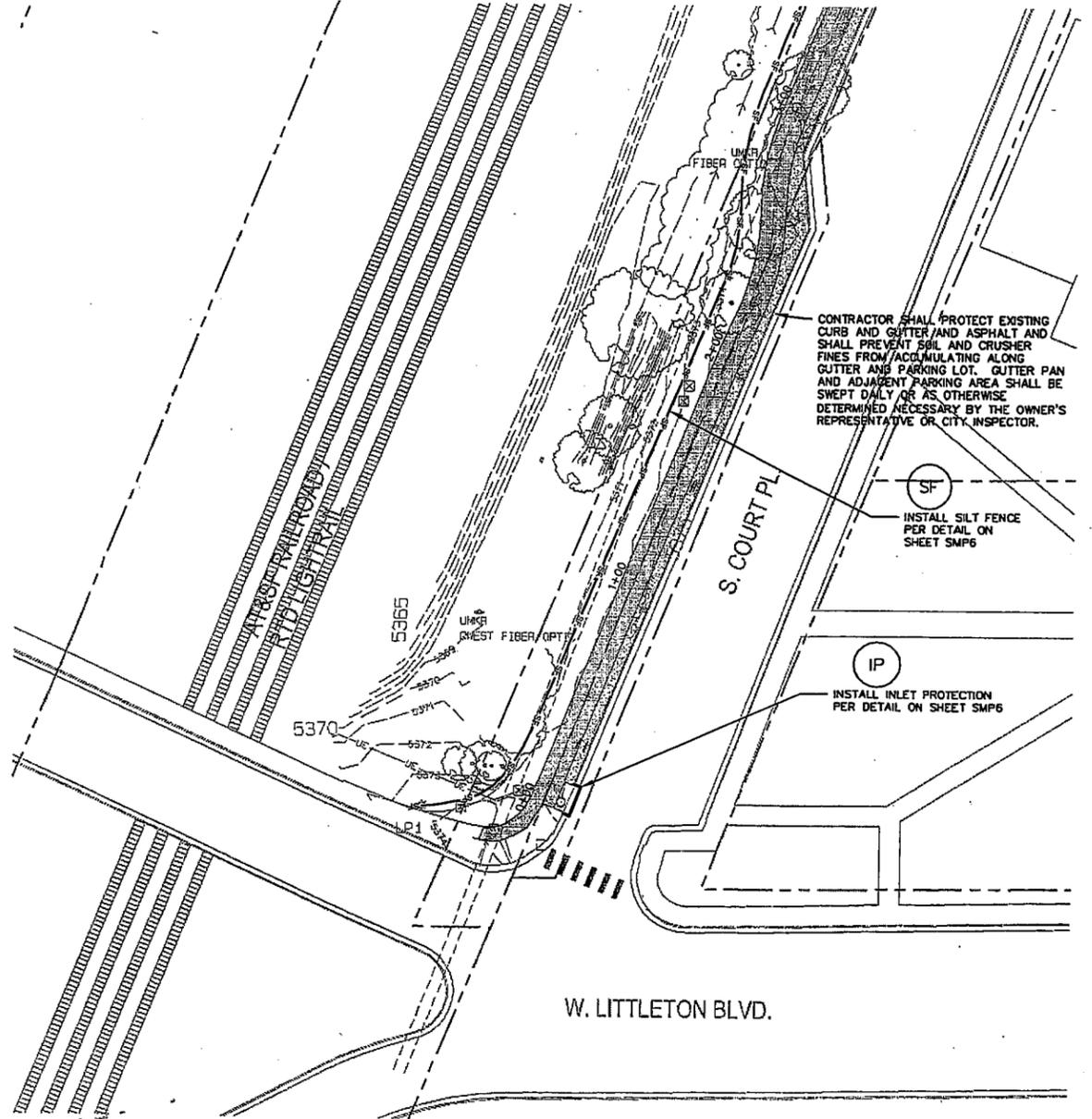
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KEYMAP



MATCHLINE - SEE THIS SHEET



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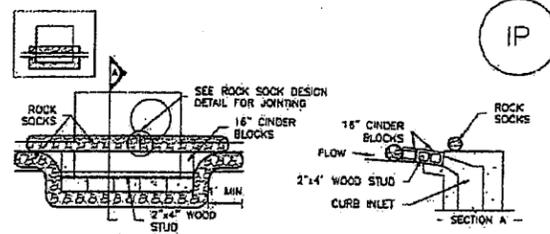
Littleton Community Trail
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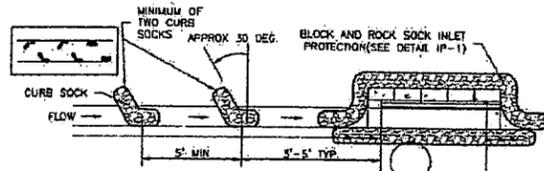
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SMP5
 SHEET OF



IP-1. BLOCK AND ROCK SOCK SUMP OR ON GRADE INLET PROTECTION

BLOCK AND CURB SOCK INLET PROTECTION INSTALLATION NOTES

1. SEE ROCK SOCK DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.
2. CONCRETE "CINDER" BLOCKS SHALL BE Laid ON THEIR SIDES AROUND THE INLET IN A SINGLE ROW, ABUTTING ONE ANOTHER WITH THE OPEN END FACING AWAY FROM THE CURB.
3. GRAVEL BAGS SHALL BE PLACED AROUND CONCRETE BLOCKS, CLOSELY ABUTTING ONE ANOTHER AND JOINTED TOGETHER IN ACCORDANCE WITH ROCK SOCK DESIGN DETAIL.



IP-2. CURB ROCK SOCKS UPSTREAM OF INLET PROTECTION

CURB ROCK SOCK INLET PROTECTION INSTALLATION NOTES

1. SEE ROCK SOCK DESIGN DETAIL INSTALLATION REQUIREMENTS.
2. PLACEMENT OF THE SOCK SHALL BE APPROXIMATELY 30 DEGREES FROM PERPENDICULAR IN THE OPPOSITE DIRECTION OF FLOW.
3. SOCKS ARE TO BE FLUSH WITH THE CURB AND SPACED A MINIMUM OF 5 FEET APART.
4. AT LEAST TWO CURB SOCKS IN SERIES ARE REQUIRED UPSTREAM OF ON-GRADE INLETS.

GENERAL INLET PROTECTION INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
 - LOCATION OF INLET PROTECTION.
 - TYPE OF INLET PROTECTION (IP-1, IP-2, IP-3, IP-4, IP-5, IP-6)
2. INLET PROTECTION SHALL BE INSTALLED PROMPTLY AFTER INLET CONSTRUCTION OR PAVING IS COMPLETE (TYPICALLY WITHIN 48 HOURS). IF A RAINFALL/RUNOFF EVENT IS FORECAST, INSTALL INLET PROTECTION PRIOR TO ONSET OF EVENT.
3. MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

INLET PROTECTION MAINTENANCE NOTES

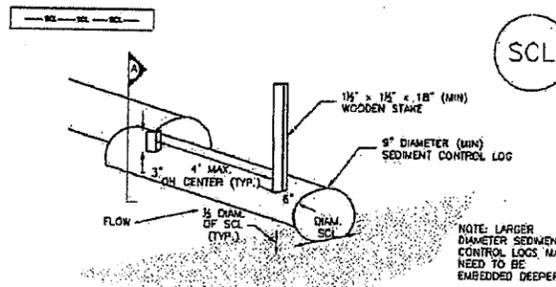
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. SEDIMENT ACCUMULATED UPSTREAM OF INLET PROTECTION SHALL BE REMOVED AS NECESSARY TO MAINTAIN BMP EFFECTIVENESS, TYPICALLY WHEN STORAGE VOLUME REACHES 50% OF CAPACITY, A DEPTH OF 6" WHEN SILT FENCE IS USED, OR 1/2 OF THE HEIGHT FOR STRAW BALES.
5. INLET PROTECTION IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS PERMANENTLY STABILIZED, UNLESS THE LOCAL JURISDICTION APPROVES EARLIER REMOVAL OF INLET PROTECTION IN STREETS.
6. WHEN INLET PROTECTION AT AREA INLETS IS REMOVED, THE DISTURBED AREA SHALL BE COVERED WITH TOP SOIL, SEEDED AND MULCHED, OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

(DETAIL ADAPTED FROM TOWN OF PARKER, COLORADO AND CITY OF AURORA, COLORADO, NOT AVAILABLE IN AUTOCAD)

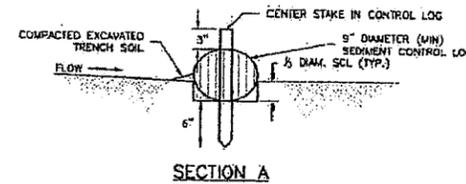
NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

NOTE: THE DETAILS INCLUDED WITH THIS FACT SHEET SHOW COMMONLY USED, CONVENTIONAL METHODS OF INLET PROTECTION IN THE DENVER METROPOLITAN AREA. THERE ARE MANY PROPRIETARY INLET PROTECTION METHODS ON THE MARKET, UDFCD NEITHER ENDORSES NOR DISCOURAGES USE OF PROPRIETARY INLET PROTECTION; HOWEVER, IN THE EVENT PROPRIETARY METHODS ARE USED, THE APPROPRIATE DETAIL FROM THE MANUFACTURER MUST BE INCLUDED IN THE SWMP AND THE BMP MUST BE INSTALLED AND MAINTAINED AS SHOWN IN THE MANUFACTURER'S DETAILS.

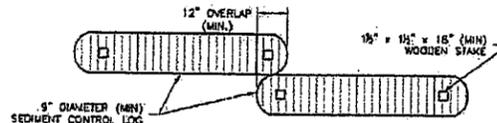
NOTE: SOME MUNICIPALITIES DISCOURAGE OR PROHIBIT THE USE OF STRAW BALES FOR INLET PROTECTION. CHECK WITH LOCAL JURISDICTION TO DETERMINE IF STRAW BALE INLET PROTECTION IS ACCEPTABLE.



SEDIMENT CONTROL LOG



SECTION A



SEDIMENT CONTROL LOG JOINTS

SCL-1. SEDIMENT CONTROL LOG

SEDIMENT CONTROL LOG INSTALLATION NOTES

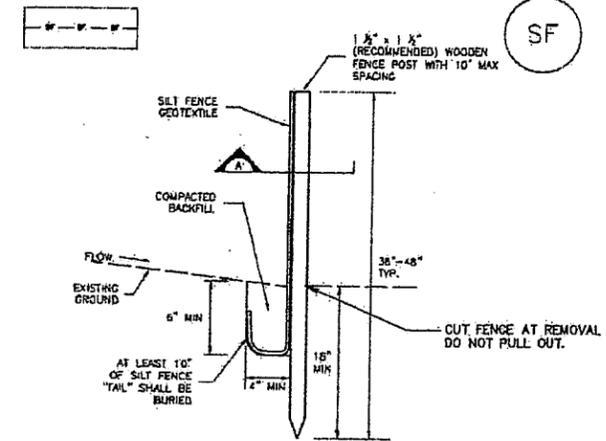
1. SEE PLAN VIEW FOR LOCATION AND LENGTH OF SEDIMENT CONTROL LOGS.
2. SEDIMENT CONTROL LOGS THAT ACT AS A PERIMETER CONTROL SHALL BE INSTALLED PRIOR TO ANY UPGRADING LAND-DISTURBING ACTIVITIES.
3. SEDIMENT CONTROL LOGS SHALL CONSIST OF STRAW, COMPOST, EXCELISOR OR COCONUT FIBER, AND SHALL BE FREE OF ANY NOXIOUS WEED SEEDS OR DEFECTS INCLUDING IPS, HOLES AND OBVIOUS WEAR.
4. SEDIMENT CONTROL LOGS MAY BE USED AS SMALL CHECK DAMS IN DITCHES AND SWALES. HOWEVER, THEY SHOULD NOT BE USED IN PERMANENT STREAMS OR HIGH VELOCITY DRAINAGE WAYS.
5. IT IS RECOMMENDED THAT SEDIMENT CONTROL LOGS BE TRENCHED INTO THE GROUND TO A DEPTH OF APPROXIMATELY 1/2 OF THE DIAMETER OF THE LOG. IF TRENCHING TO THIS DEPTH IS NOT FEASIBLE AND/OR DESIRABLE (SHORT TERM INSTALLATION WITH DESIRE NOT TO DAMAGE LANDSCAPE) A LESSER TRENCHING DEPTH MAY BE ACCEPTABLE WITH MORE ROBUST STAKING.
6. THE UPHILL SIDE OF THE SEDIMENT CONTROL LOG SHALL BE BACKFILLED WITH SOIL THAT IS FREE OF ROCKS AND DEBRIS. THE SOIL SHALL BE TIGHTLY COMPACTED INTO THE SHAPE OF A RIGHT TRIANGLE USING A SHOVEL OR WEIGHTED LAWN ROLLER.
7. FOLLOW MANUFACTURERS' GUIDANCE FOR STAKING. IF MANUFACTURERS' INSTRUCTIONS DO NOT SPECIFY SPACING, STAKES SHALL BE PLACED ON 4' CENTERS AND EMBEDDED A MINIMUM OF 6" INTO THE GROUND. 3" OF THE STAKE SHALL PROTRUDE FROM THE TOP OF THE LOG. STAKES THAT ARE BROKEN PRIOR TO INSTALLATION SHALL BE REPLACED.

SEDIMENT CONTROL LOG MAINTENANCE NOTES

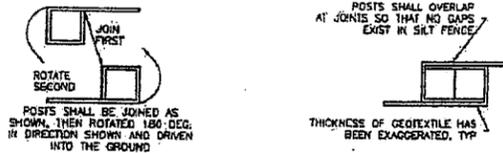
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. SEDIMENT ACCUMULATED UPSTREAM OF INLET PROTECTION SHALL BE REMOVED AS NECESSARY TO MAINTAIN FUNCTIONALITY OF THE BMP. TYPICALLY WHEN DEPTH OF ACCUMULATED SEDIMENTS IS APPROXIMATELY 1/2 OF THE HEIGHT OF THE SEDIMENT CONTROL LOG.
5. SEDIMENT CONTROL LOG SHALL BE REMOVED AT THE END OF CONSTRUCTION, IF DISTURBED AREAS EXIST AFTER REMOVAL, THEY SHALL BE COVERED WITH TOP SOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

(DETAILS ADAPTED FROM TOWN OF PARKER, COLORADO, JEFFERSON COUNTY, COLORADO, DOUGLAS COUNTY, COLORADO, AND CITY OF AURORA, COLORADO, NOT AVAILABLE IN AUTOCAD)

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.



SILT FENCE



SECTION A

SF-1. SILT FENCE

SILT FENCE INSTALLATION NOTES

1. SILT FENCE MUST BE PLACED AWAY FROM THE TOE OF THE SLOPE TO ALLOW FOR WATER PONDING. SILT FENCE AT THE TOE OF A SLOPE SHOULD BE INSTALLED IN A FLAT LOCATION AT LEAST SEVERAL FEET (2-3 FT) FROM THE TOE OF THE SLOPE TO ALLOW ROOM FOR PONDING AND DEPOSITION.
2. A UNIFORM 6" X 4" ANCHOR TRENCH SHALL BE EXCAVATED USING TRENCHER OR SILT FENCE INSTALLATION DEVICE, NO ROAD GRADERS, BACKHOES, OR SIMILAR EQUIPMENT SHALL BE USED.
3. COMPACT ANCHOR TRENCH BY HAND WITH A "JUMPING JACK" OR BY WHEEL ROLLING. COMPACTATION SHALL BE SUCH THAT SILT FENCE RESISTS BEING PULLED OUT OF ANCHOR TRENCH BY HAND.
4. SILT FENCE SHALL BE PULLED TIGHT AS IT IS ANCHORED TO THE STAKES. THERE SHOULD BE NO NOTICEABLE SAG BETWEEN STAKES AFTER IT HAS BEEN ANCHORED TO THE STAKES.
5. SILT FENCE FABRIC SHALL BE ANCHORED TO THE STAKES USING 1" HEAVY DUTY STAPLES OR NAILS WITH 1" HEADS. STAPLES AND NAILS SHOULD BE PLACED 3" ALONG THE FABRIC DOWN THE STAKE.
6. AT THE END OF A RUN OF SILT FENCE ALONG A CONTOUR, THE SILT FENCE SHOULD BE TURNED PERPENDICULAR TO THE CONTOUR TO CREATE A "J-HOOK." THE "J-HOOK" EXTENDING PERPENDICULAR TO THE CONTOUR SHOULD BE OF SUFFICIENT LENGTH TO KEEP RUNOFF FROM FLOWING AROUND THE END OF THE SILT FENCE (TYPICALLY 10' - 20').
7. SILT FENCE SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.

SILT FENCE MAINTENANCE NOTES

1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. SEDIMENT ACCUMULATED UPSTREAM OF THE SILT FENCE SHALL BE REMOVED AS NEEDED TO MAINTAIN THE FUNCTIONALITY OF THE BMP. TYPICALLY WHEN DEPTH OF ACCUMULATED SEDIMENTS IS APPROXIMATELY 6".
5. REPAIR OR REPLACE SILT FENCE WHEN THERE ARE SIGNS OF WEAR, SUCH AS SAGGING, TEARING, OR COLLAPSE.
6. SILT FENCE IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION, OR IS REPLACED BY AN EQUIVALENT PERIMETER SEDIMENT CONTROL BMP.
7. WHEN SILT FENCE IS REMOVED, ALL DISTURBED AREAS SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

(DETAIL ADAPTED FROM TOWN OF PARKER, COLORADO AND CITY OF AURORA, NOT AVAILABLE IN AUTOCAD)

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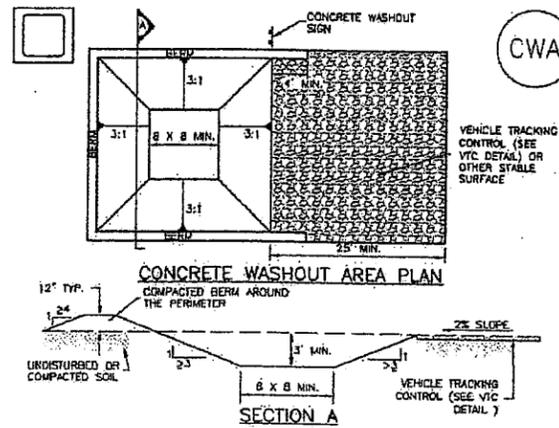
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SHEET NUMBER:	
SMP6	
SHEET OF	

Concrete Washout Area (CWA)

MM-1



CWA-1. CONCRETE WASHOUT AREA

CWA INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
 - CWA INSTALLATION LOCATION.
2. DO NOT LOCATE AN UNLINED CWA WITHIN 400' OF ANY NATURAL DRAINAGE PATHWAY OR WATERBODY. DO NOT LOCATE WITHIN 1,000' OF ANY WELLS OR DRINKING WATER SOURCES. IF SITE CONSTRAINTS MAKE THIS INFEASIBLE, OR IF HIGHLY PERMEABLE SOILS EXIST ON SITE, THE CWA MUST BE INSTALLED WITH AN IMPERMEABLE LINER (16 MIL MIN. THICKNESS) OR SURFACE STORAGE ALTERNATIVES USING PREFABRICATED CONCRETE WASHOUT DEVICES OR A LINED ABOVE GROUND STORAGE ARE SHOULD BE USED.
3. THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.
4. CWA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 6' BY 8' SLOPES LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1 OR FLATTER THE PIT SHALL BE AT LEAST 3' DEEP.
5. BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL HAVE MINIMUM HEIGHT OF 1'.
6. VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARDS THE CWA.
7. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CWA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA TO OPERATORS OF CONCRETE TRUCKS AND PUMP TRIGS.
8. USE EXCAVATED MATERIAL FOR PERIMETER BERM CONSTRUCTION.

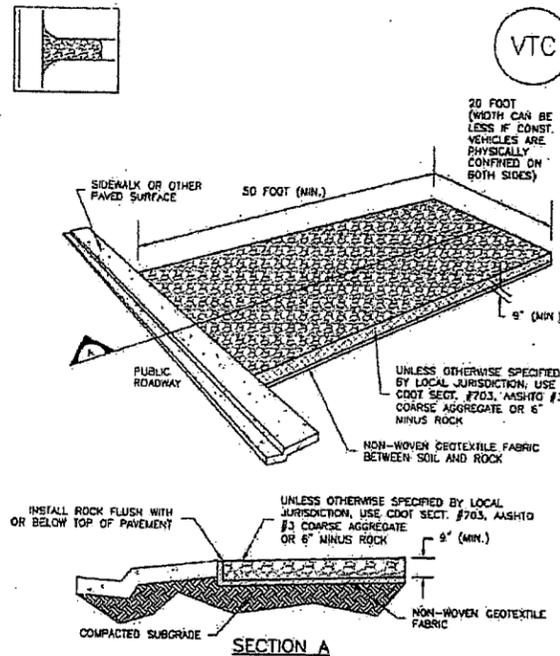
CWA MAINTENANCE NOTES

1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. THE CWA SHALL BE REPAIRED, CLEANED, OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE WASTE. CONCRETE MATERIALS ACCUMULATED IN PIT, SHALL BE REMOVED ONCE THE MATERIALS HAVE REACHED A DEPTH OF 2'.
5. CONCRETE WASHOUT WATER, WASTED PIECES OF CONCRETE AND ALL OTHER DEBRIS IN THE SUBSURFACE PIT SHALL BE TRANSPORTED FROM THE JOB SITE IN A WATER-TIGHT CONTAINER AND DISPOSED OF PROPERLY.
6. THE CWA SHALL REMAIN IN PLACE UNTIL ALL CONCRETE FOR THE PROJECT IS PLACED.
7. WHEN THE CWA IS REMOVED, COVER THE DISTURBED AREA WITH TOP SOIL, SEED AND MULCH OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

(DETAILS ADAPTED FROM DOUGLAS COUNTY, COLORADO AND THE CITY OF BRECKENRIDGE, COLORADO, NOT AVAILABLE IN AUTOCAD)
 NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

Vehicle Tracking Control (VTC)

SM-4



VTC-1. AGGREGATE VEHICLE TRACKING CONTROL

STABILIZED CONSTRUCTION ENTRANCE/EXIT INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
 - LOCATION OF CONSTRUCTION ENTRANCE(S)/EXIT(S).
 - TYPE OF CONSTRUCTION ENTRANCE(S)/EXIT(S) (WITH/WITHOUT WHEELED WASH, CONSTRUCTION MAT OR TRIG).
2. CONSTRUCTION MAT OR TRIG STABILIZED CONSTRUCTION ENTRANCES ARE ONLY TO BE USED ON SHORT DURATION PROJECTS (TYPICALLY RANGING FROM A WEEK TO A MONTH) WHERE THERE WILL BE LIMITED VEHICULAR ACCESS.
3. A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE LOCATED AT ALL ACCESS POINTS WHERE VEHICLES ACCESS THE CONSTRUCTION SITE FROM PAVED RIGHT-OF-WAYS.
4. STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
5. A NON-WOVEN GEOTEXTILE FABRIC SHALL BE PLACED UNDER THE STABILIZED CONSTRUCTION ENTRANCE/EXIT PRIOR TO THE PLACEMENT OF ROCK.
6. UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECT. #703, AASHTO #3 COARSE AGGREGATE OR 6" (MINUS) ROCK.

STABILIZED CONSTRUCTION ENTRANCE/EXIT MAINTENANCE NOTES

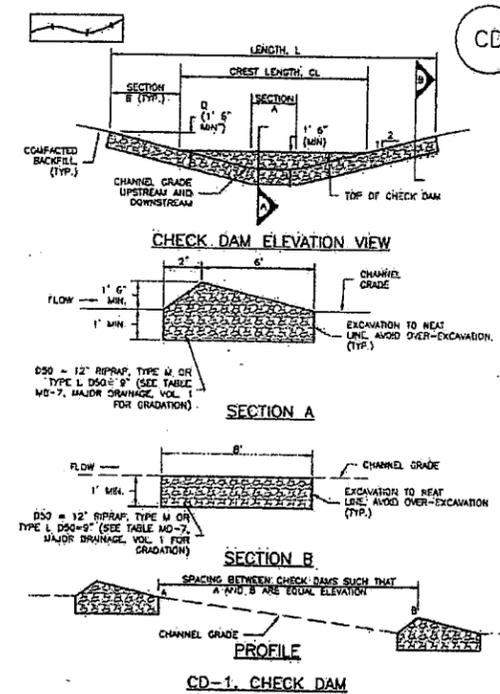
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. ROCK SHALL BE REAPPLIED OR REGRADED AS NECESSARY TO THE STABILIZED ENTRANCE/EXIT TO MAINTAIN A CONSISTENT DEPTH.
5. SEDIMENT TRACKED ONTO PAVED ROADS IS TO BE REMOVED THROUGHOUT THE DAY AND AT THE END OF THE DAY BY SHOVELING OR SWEEPING. SEDIMENT MAY NOT BE WASHED DOWN STORM SEWER DRAINS.

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

(DETAILS ADAPTED FROM CITY OF BRECKENRIDGE, COLORADO, NOT AVAILABLE IN AUTOCAD)

Check Dams (CD)

EC-12



CD-1. CHECK DAM

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 CD-3

CHECK DAM INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
 - LOCATION OF CHECK DAMS.
 - CHECK DAM TYPE (CHECK DAM OR REINFORCED CHECK DAM)
 - LENGTH (L), CREST LENGTH (CL), AND BEMPH (B)
2. CHECK DAMS INDICATED ON INITIAL SWMP SHALL BE INSTALLED AFTER CONSTRUCTION FENCE, BUT PRIOR TO ANY UPSTREAM LAND DISTURBING ACTIVITIES.
3. RIPRAP UTILIZED FOR CHECK DAMS SHOULD BE OF APPROPRIATE SIZE FOR THE APPLICATION. TYPICAL TYPES OF RIPRAP USED FOR CHECK DAMS ARE TYPE M (D50 12") OR TYPE L (D50 9").
4. RIPRAP PAD SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 1'.
5. THE ENDS OF THE CHECK DAM SHALL BE A MINIMUM OF 1' 6" HIGHER THAN THE CENTER OF THE CHECK DAM.

CHECK DAM MAINTENANCE NOTES

1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. SEDIMENT ACCUMULATED UPSTREAM OF THE CHECK DAMS SHALL BE REMOVED WHEN THE SEDIMENT DEPTH IS WITHIN 1/4 OF THE HEIGHT OF THE CREST.
5. CHECK DAMS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION.
6. WHEN CHECK DAMS ARE REMOVED, EXCAVATIONS SHALL BE FILLED WITH SUITABLE COMPACTED BACKFILL. DISTURBED AREA SHALL BE SEEDS AND MULCHED AND COVERED WITH GEOTEXTILE OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

(DETAILS ADAPTED FROM DOUGLAS COUNTY, COLORADO, NOT AVAILABLE IN AUTOCAD)
 NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.



LANDSCAPE ARCHITECTURE
 LAND PLANNING
 URBAN DESIGN
 1300 Lawrence Street, Suite 100
 Denver, CO 80204 | 303.892.5544

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Littleton Community Trail
 Littleton, Colorado

PROJECT NUMBER: 9227.00
 DATE: 04-22-11
 DESIGNED: JIP
 DRAWN: JIP
 CHECKED: JIP
 REVISIONS:

JOB DESCRIPTION:
 Construction Documents
 SHEET TITLE:
 Stormwater Management Plan
 SHEET NUMBER:

SMP7
 SHEET OF

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GENERAL NOTES:

EXCEPT AS SHOWN IN THE PLANS, STRUCTURE EXCAVATION AND BACKFILL SHALL BE IN ACCORDANCE WITH M-206-2.
STRUCTURE EXCAVATION AND BACKFILL SHALL BE AS SHOWN ON THE PLANS, EXCEPT SHORING MAY BE REQUIRED FOR EXCAVATION ADJACENT TO THE EXISTING ROADWAY. TEMPORARY EXCAVATION SUPPORT SHALL BE PAID FOR BY ITEM 206 SHORING.

EXPANSION JOINT MATERIAL SHALL MEET AASHTO SPECIFICATION M-213.

THE FOLLOWING STRUCTURAL STEEL SHALL BE AASHTO M-183 (ASTM A-36): EXPANSION DEVICES, BEARING PLATES, AND BEARING DEVICES.

LEVELING PADS ARE UNLAMINATED BEARINGS. THEY SHALL BE CUT OR WOLDED FROM AASHTO ELASTOMER GRADE 3, 4, OR 5 AS DESCRIBED IN TABLES 705-1 AND 705-2 WITH A DUROMETER (SHORE "A") HARDNESS OF 60.

GRADE 60 REINFORCING STEEL IS REQUIRED.

ALL REINFORCING STEEL SHALL BE NON-EPOXY COATED UNLESS OTHERWISE NOTED.

Ⓢ DENOTES EPOXY COATED REINFORCING STEEL.

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR EPOXY COATED REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06. THESE SPLICE LENGTHS SHALL BE INCREASED BY 25% FOR BARS SPACED AT LESS THAN 6" ON CENTER.

BAR SIZE	#4	#5	#6	#7	#8	#9	#10	#11
SPLICE LENGTH FOR CLASS B CONCRETE	1'-3"	1'-6"	2'-0"	2'-8"	4'-6"	5'-8"	7'-3"	8'-11"
SPLICE LENGTH FOR CLASS D CONCRETE	1'-3"	1'-6"	1'-10"	2'-2"	3'-8"	4'-8"	5'-11"	7'-3"

WHEN THE CONTRACTOR ELECTS TO SUBSTITUTE EPOXY COATED REINFORCEMENT FOR BLACK REINFORCING BARS, THE MINIMUM LAP SPLICE SHALL BE AS DESCRIBED ABOVE.

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR BLACK REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06. THESE SPLICE LENGTHS SHALL BE INCREASED BY 25% FOR BARS SPACED AT LESS THAN 6" ON CENTER.

BAR SIZE	#4	#5	#6	#7	#8	#9	#10	#11
SPLICE LENGTH FOR CLASS B CONCRETE	1'-0"	1'-4"	1'-8"	2'-3"	3'-0"	3'-10"	4'-10"	5'-11"
SPLICE LENGTH FOR CLASS D CONCRETE	1'-0"	1'-4"	1'-7"	1'-10"	2'-5"	3'-1"	3'-11"	4'-10"

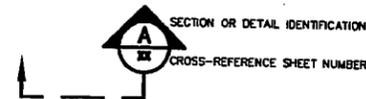
THE ABOVE SPLICE LENGTHS SHALL BE INCREASED BY 20 PERCENT FOR 3 BAR BUNDLES AND 33 PERCENT FOR 4 BAR BUNDLES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION.

E.F. = EACH FACE
F.F. = FAR FACE
N.F. = NEAR FACE

FOR STRUCTURE NUMBER INSTALLATION, SEE STANDARD S-614-12.

STATIONS, ELEVATIONS, AND DIMENSIONS CONTAINED IN THESE PLANS ARE CALCULATED FROM A RECENT FIELD SURVEY. THE CONTRACTOR SHALL VERIFY ALL DEPENDENT DIMENSIONS IN THE FIELD BEFORE ORDERING OR FABRICATING ANY MATERIAL. 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 1-800-922-1987 AT LEAST 2 DAYS (NOT INCLUDING THE DAY OF NOTIFICATION) PRIOR TO ANY EXCAVATION OR OTHER EARTHWORK.



SPECIFICATIONS:

PREFABRICATED BRIDGE SUPERSTRUCTURE SHALL BE FABRICATED AND INSTALLED IN STRICT CONFORMANCE WITH PROJECT SPECIFICATIONS REVISION OF SECTION 628.

DESIGN CALCULATIONS AND SHOP FABRICATION DETAILS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION.

BRIDGE PLANS SHEET INDEX

- S1 - TITLE SHEET AND GENERAL INFORMATION
- S2 - BRIDGE GENERAL LAYOUT
- S3 - ABUTMENT PLAN AND ELEVATION
- S4 - ABUTMENT AND WINGWALL DETAILS
- SS - APPROACH DETAILS
- S6 - BEARING AND EXPANSION JOINT DETAILS

BRIDGE DESCRIPTION

1-SPAN 91'-0" PREFABRICATED STEEL TRUSS
SUPERSTRUCTURE OVER SLAUGHTERHOUSE GULCH
10'-4 1/2" CLR. TRUSS TO TRUSS
3'-6" MINIMUM RAIL HEIGHT (FROM DECK)

DESIGN DATA

AASHTO, 3rd EDITION LRFD WITH CURRENT INTERIMS.

DESIGN METHOD: LOAD AND RESISTANCE FACTOR DESIGN.

VEHICULAR LIVE LOAD: H-5 (10,000-LB MAINTENANCE TRUCK)
PEDESTRIAN LIVE LOAD: 85 PSF

REINFORCED CONCRETE:
CLASS B CONCRETE: $f'_c = 3,000$ psi
REINFORCING STEEL: $f_y = 60,000$ psi

HANDRAIL DESIGN LOADINGS:
50 PLF ALONG TOP RAIL
200 LBS POINT LOAD IN ANY DIRECTION ON ALL RAILS
50 PSF ON AN AREA EQUAL TO 1 SQUARE FOOT ON ALL INTERMEDIATE RAILS.

Littleton Community Trail
Littleton, Colorado

PROJECT NUMBER: 9227.00
DATE: 04-22-11
DESIGNED: JM
DRAWN: JM
CHECKED: JM

REVISIONS:

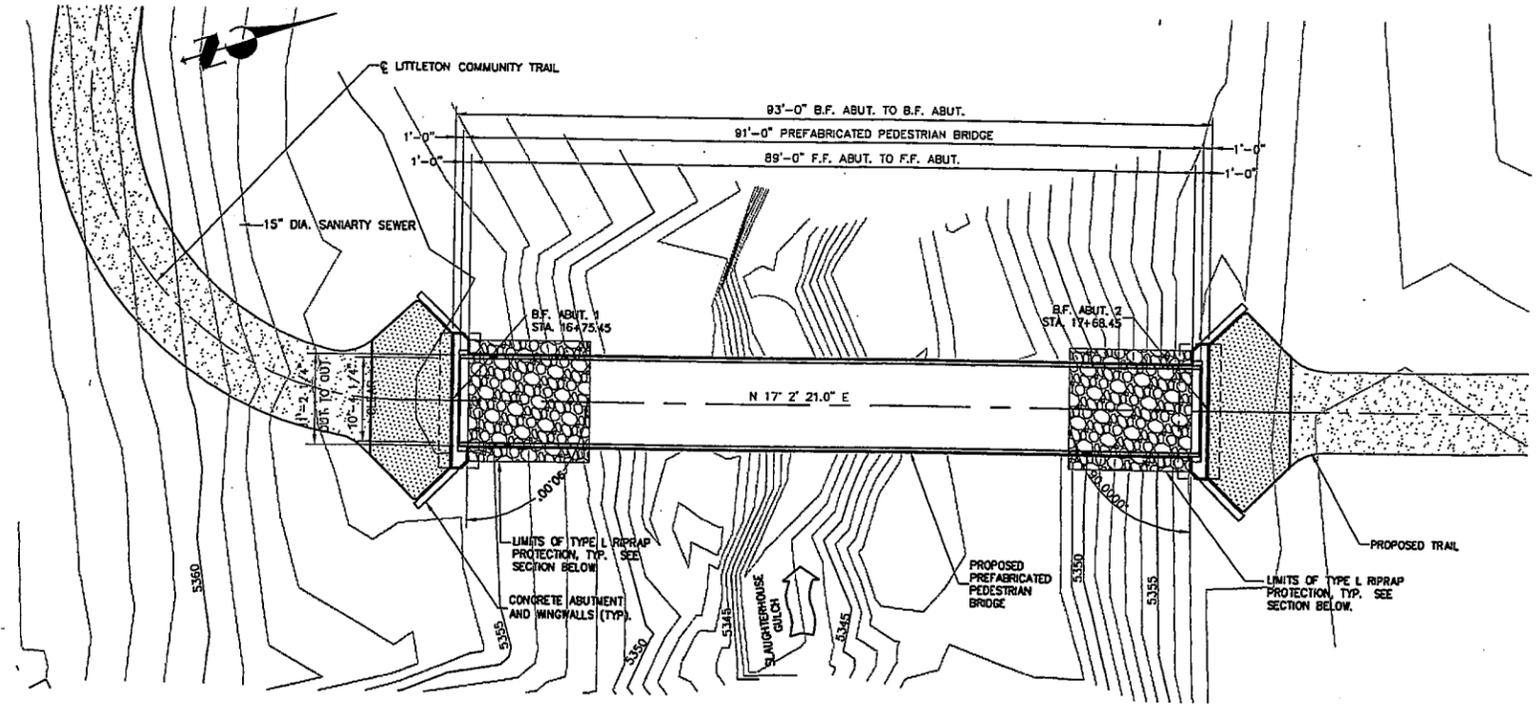
JOB DESCRIPTION:
Construction Documents

SHEET TITLE:
Pedestrian Bridge
General Notes
and Design Info

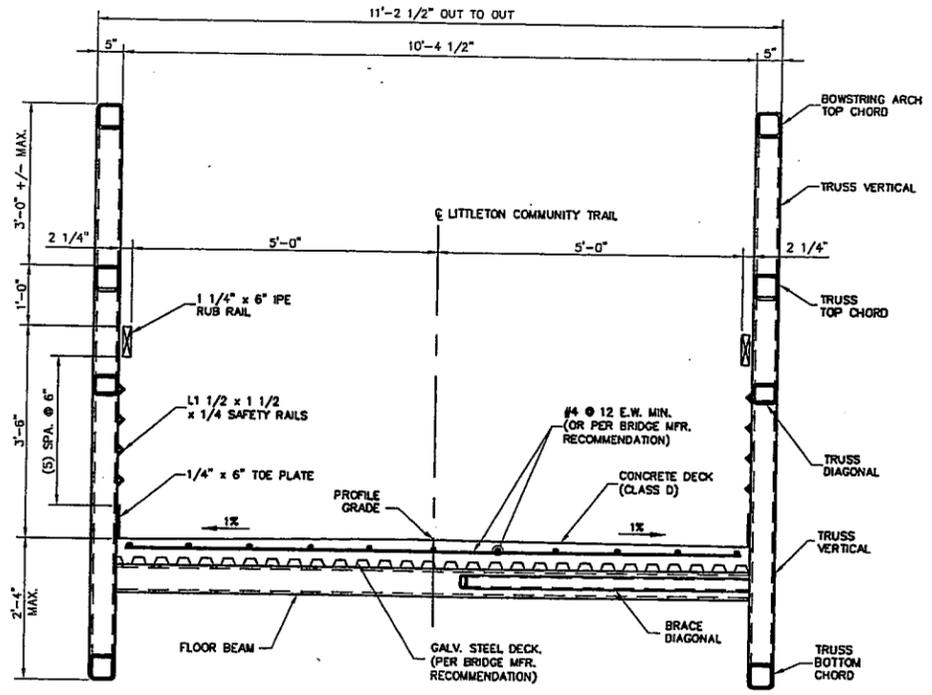
SHEET NUMBER:
S1
SHEET OF

FILE NAME: C:\Users\jmc\Documents\Projects\San Eng\San Eng - 04-22-11\San Eng - 04-22-11.dwg
DATE PLOT: 04/22/11 10:00 AM
PLOT BY: JMC
SCALE: 1/8" = 1'-0"

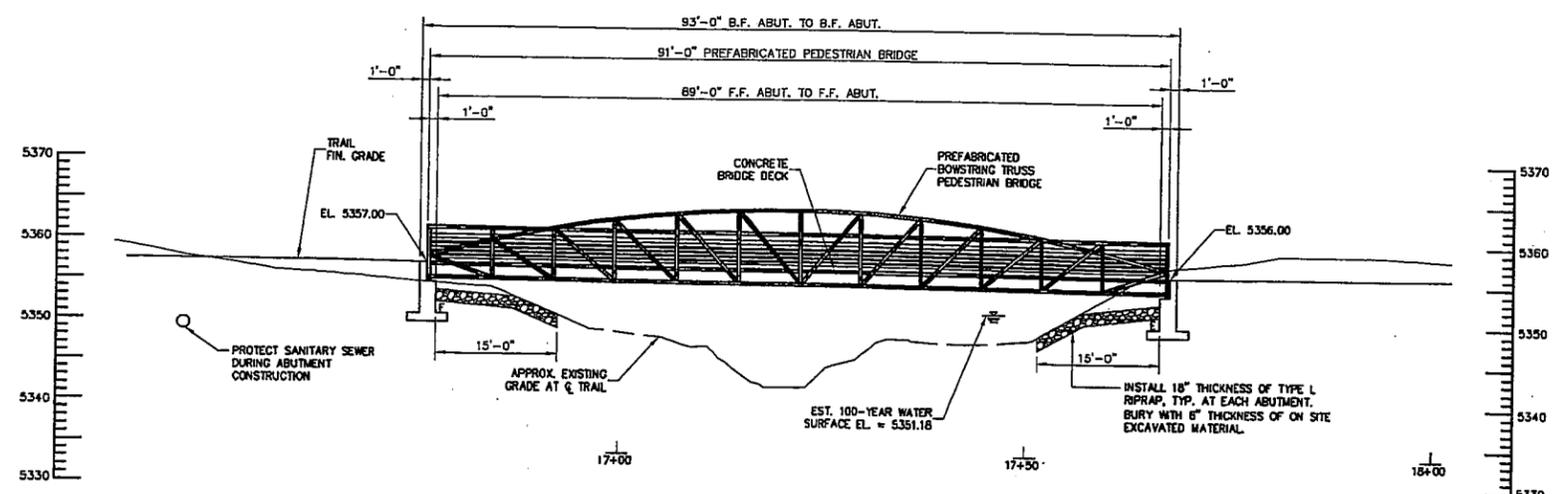
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BRIDGE PLAN
SCALE: 1"=10'-0"



TYPICAL SECTION
SCALE: 3/4"=1'-0"



BRIDGE SECTION
SCALE: 1"=10'-0"

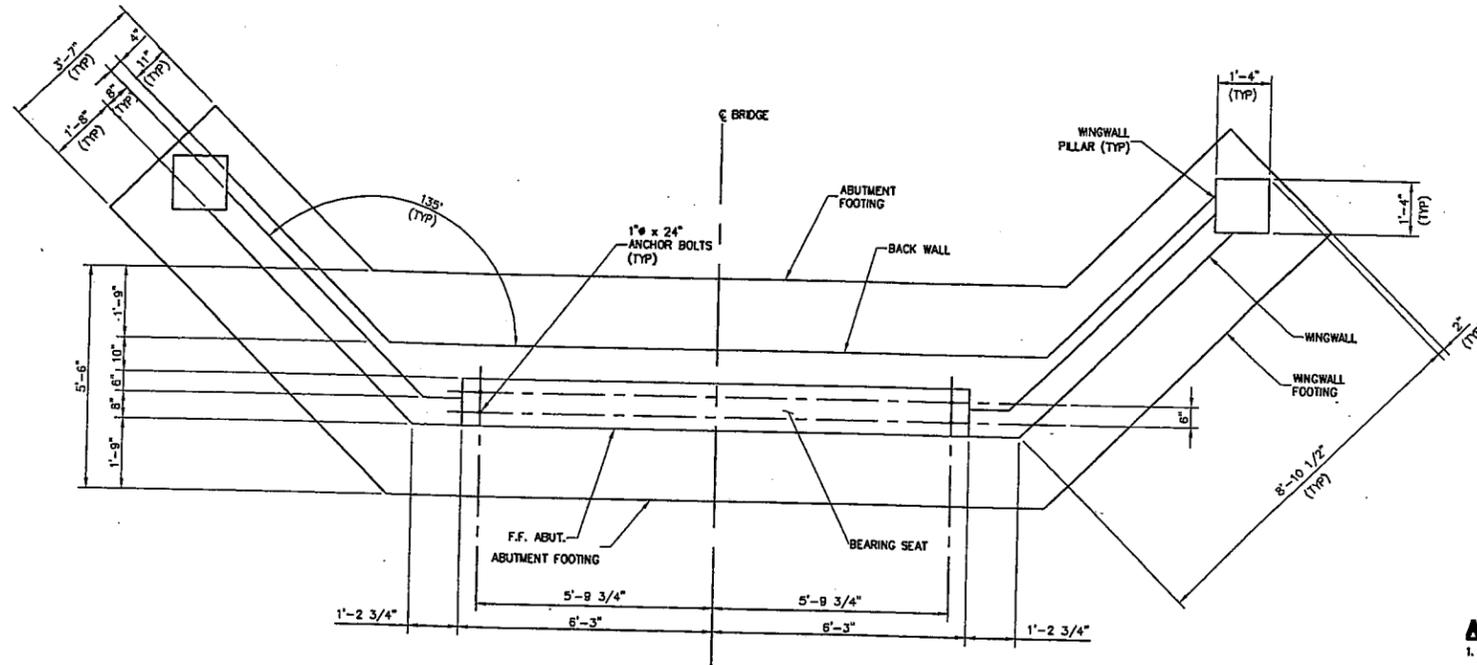
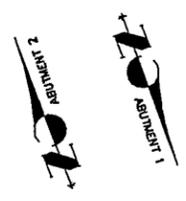
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 PROJECT: Littleton Community Trail
 DATE: 04-22-11
 DRAWN BY: JM
 CHECKED BY: JM
 PROJECT NUMBER: 9227.00
 DATE: 04-22-11
 DESIGNED BY: JM
 DRAWN BY: JM
 CHECKED BY: JM

Littleton Community Trail
Littleton, Colorado

PROJECT NUMBER: 9227.00	DATE: 04-22-11
DESIGNED BY: JM	DRAWN BY: JM
CHECKED BY: JM	
REVISIONS:	
JOB DESCRIPTION: Construction Documents	
SHEET TITLE: Pedestrian Bridge General Layout	
SHEET NUMBER: S2	
SHEET OF	

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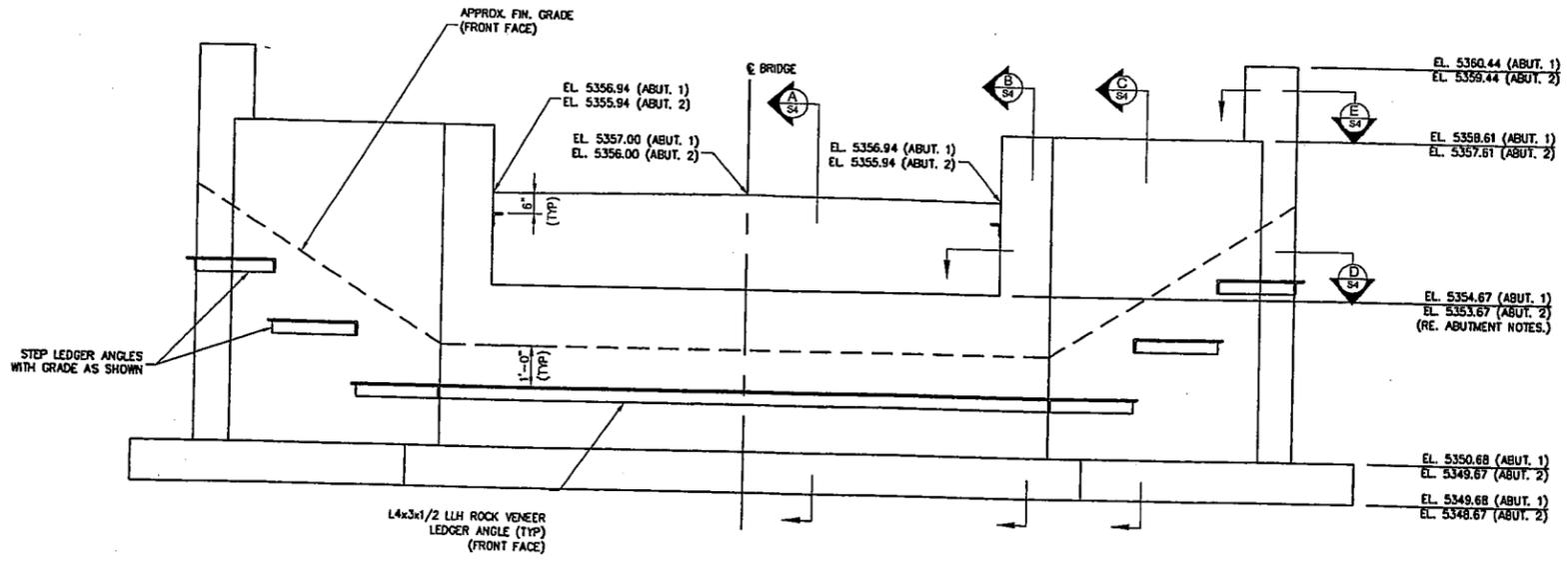
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ABUTMENT PLAN
SCALE: 1/2"=1'-0"

ABUTMENT NOTES:

1. VERIFY BACKWALL HEIGHT WITH BRIDGE MANUFACTURER AND COORDINATE WITH MANUFACTURER'S SHOP DRAWINGS PRIOR TO ABUTMENT CONSTRUCTION. ADJUST BEARING SEAT ELEVATION ACCORDINGLY TO HOLD FINISHED DECK ELEVATION AT ELEVATION SHOWN.
2. VERIFY ANCHOR BOLT LOCATIONS WITH MANUFACTURER AND COORDINATE WITH MANUFACTURER'S SHOP DRAWINGS PRIOR TO ABUTMENT CONSTRUCTION.
3. ALL REINFORCING SHALL HAVE A 2" CLEAR COVER EXCEPT AS NOTED.
4. DO NOT BACKFILL UNTIL BRIDGE SUPERSTRUCTURE IS IN PLACE.



ABUTMENT ELEVATION
SCALE: 1/2"=1'-0"

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 PLOT DATE: 04/22/2011 10:10:10 AM
 PLOT BY: JDM
 PLOT SCALE: 1/2"=1'-0"

Littleton Community Trail
Littleton, Colorado

PROJECT NUMBER: 9227.00 DATE: 04-22-11
 DESIGNED: JM
 DRAWN: JM
 CHECKED: JM

REVISIONS:
 JOB DESCRIPTION:
 Construction Documents

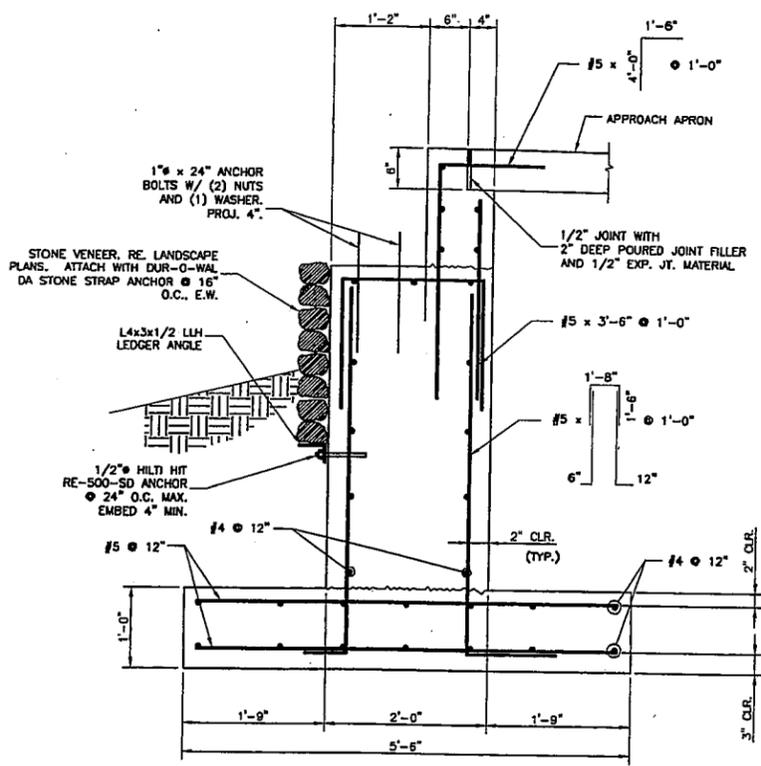
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 Pedestrian Bridge Abutment Plan and Elevation

SHEET NUMBER:

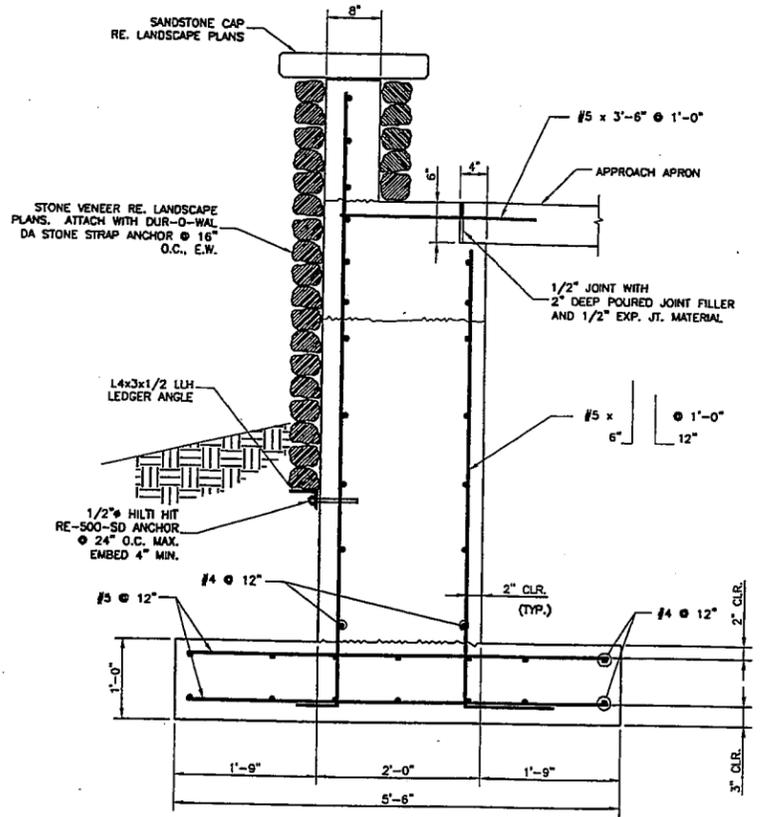
S3

SHEET OF

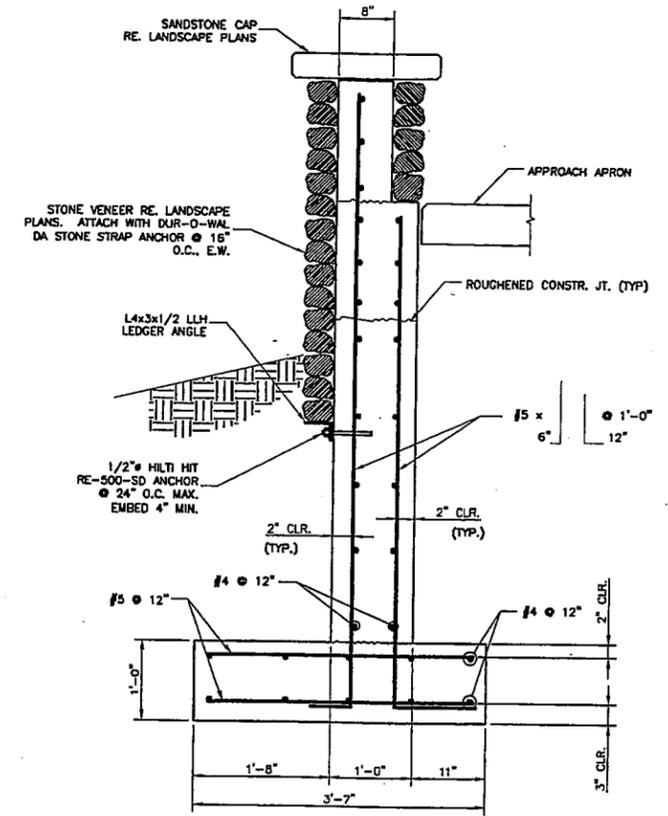
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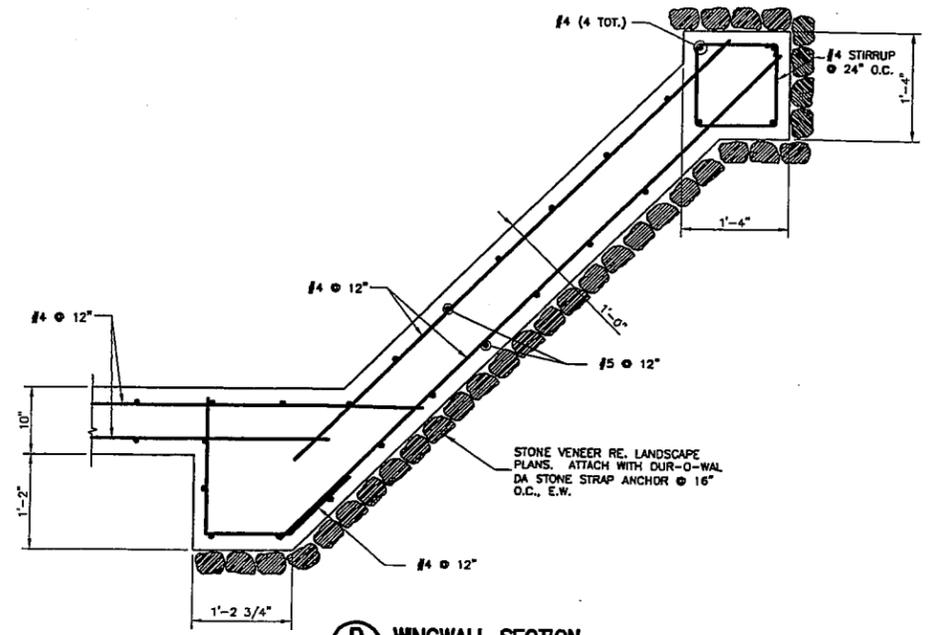
A ABUTMENT SECTION
SCALE: 1"=1'-0"



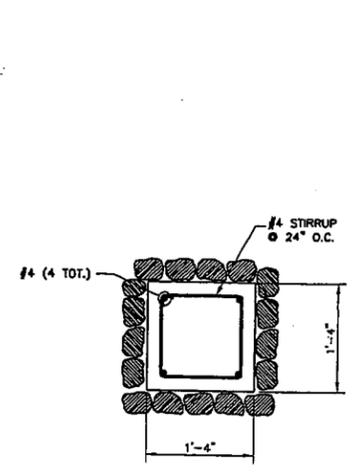
B ABUTMENT SECTION
SCALE: 1"=1'-0"



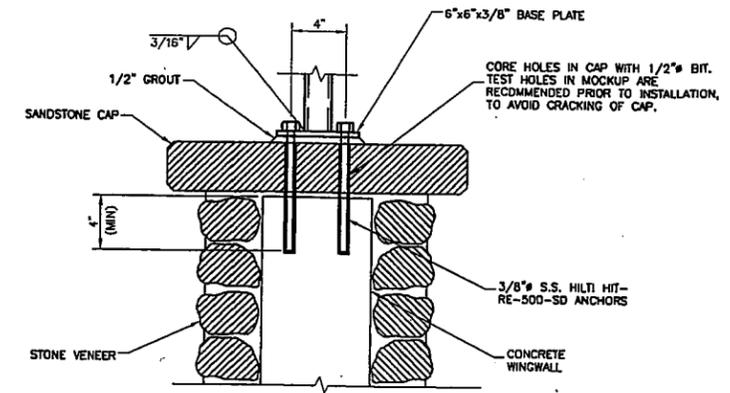
C WINGWALL SECTION
SCALE: 1"=1'-0"



D WINGWALL SECTION
SCALE: 1"=1'-0"



E END PILLAR SECTION
SCALE: 1"=1'-0"

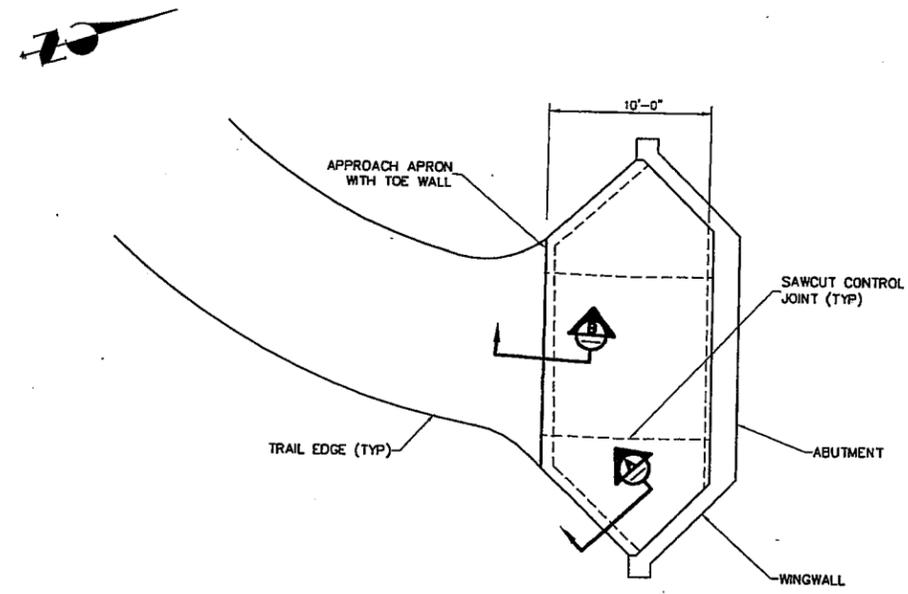


F HANDRAIL ANCHORAGE DETAIL
SCALE: 2"=1'-0"

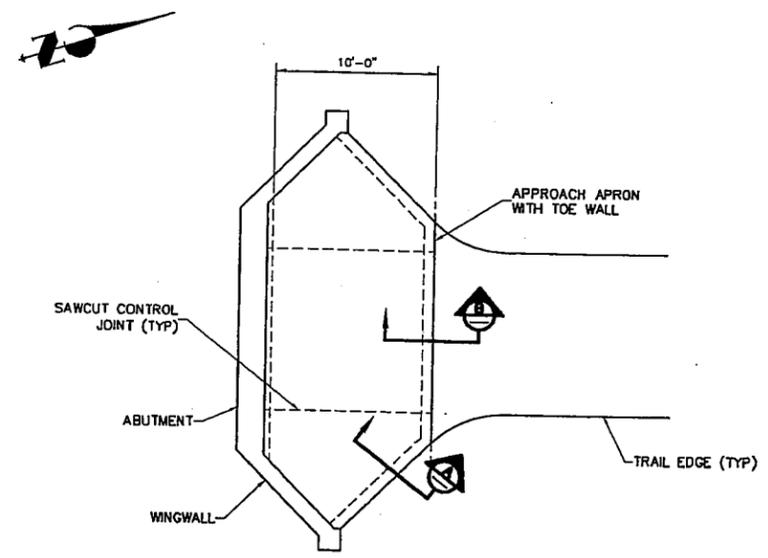
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 PROJECT NUMBER: 0227.00
 DATE: 04-22-11
 DESIGNED: JIM
 DRAWN: JIM
 CHECKED: JIM
 REVISIONS:
 JOB DESCRIPTION: Construction Documents
 SHEET TITLE: Pedestrian Bridge Abutment and Wingwall Details
 SHEET NUMBER: S4 OF

Littleton Community Trail
 Littleton, Colorado

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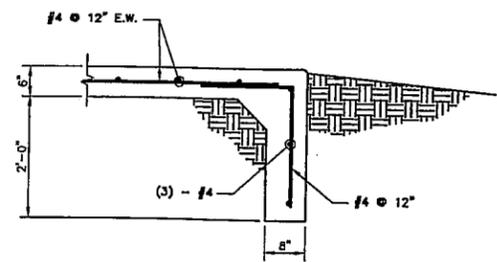
SOUTH APPROACH PLAN
SCALE: 1"=5'-0"



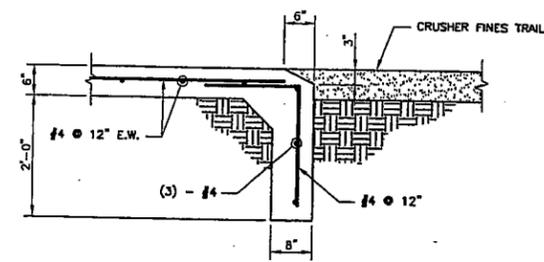
NORTH APPROACH PLAN
SCALE: 1"=5'-0"

FOUNDATION AND SUBGRADE NOTES:

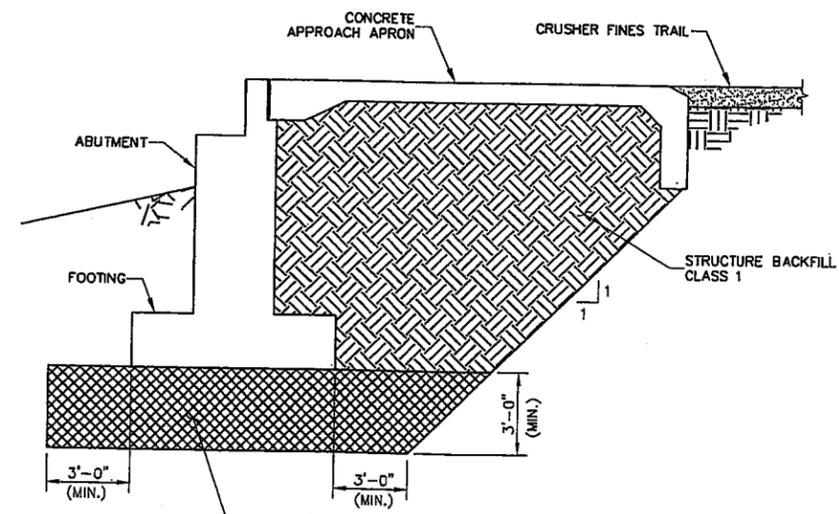
1. REFER TO GEOTECHNICAL REPORT NO. 11-3014 FOR ADDITIONAL REQUIREMENTS REGARDING SUBGRADE REQUIREMENTS. ALL RECOMMENDATIONS LISTED IN THIS REPORT SHALL BE ADHERED TO DURING CONSTRUCTION.
2. FOOTINGS SHALL BEAR ON AT LEAST 36 INCHES OF PROPERLY COMPACTED REMORKED ON-SITE SOILS. REMORK SOILS BASED ON THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.
3. CARE SHOULD BE TAKEN DURING EXCAVATION TO AVOID DISTURBING THE SUPPORTING MATERIALS BELOW THE FILL SECTION. DISTURBED MATERIALS SHALL BE REMOVED AND REPLACED WITH IMPORTED FILL.
4. FOOTINGS ARE DESIGNED FOR AN ALLOWABLE BEARING PRESSURE OF 2,000 PSF.
5. IT MAY BE NECESSARY TO DE-WATER SOME FOOTING EXCAVATIONS DURING CONSTRUCTION.
6. ALL FOOTING AREAS SHOULD BE COMPACTED WITH A VIBRATORY PLATE COMPACTOR PRIOR TO PLACEMENT OF CONCRETE.
7. REMORKED SOIL ZONE BELOW FOOTING SHALL EXTEND 3'-0" BEYOND ALL SIDES OF FOOTING PERIMETER.



A APPROACH APRON SECTION
SCALE: 3/4"=1'-0"



B APPROACH APRON SECTION
SCALE: 3/4"=1'-0"



REMOVE EXISTING SUBGRADE TO LIMITS SHOWN AND REPLACE WITH COMPACTED IMPORTED CRUSHED ROCK. RE. NOTES, THIS SHEET.

TYPICAL SECTION
SCALE: 3/4"=1'-0"

Littleton Community Trail
Littleton, Colorado

PROJECT NUMBER: 9227.00
DATE: 04-22-11
DESIGNED: JM
DRAWN: JM
CHECKED: JM

REVISIONS:

JOB DESCRIPTION:
Construction Documents

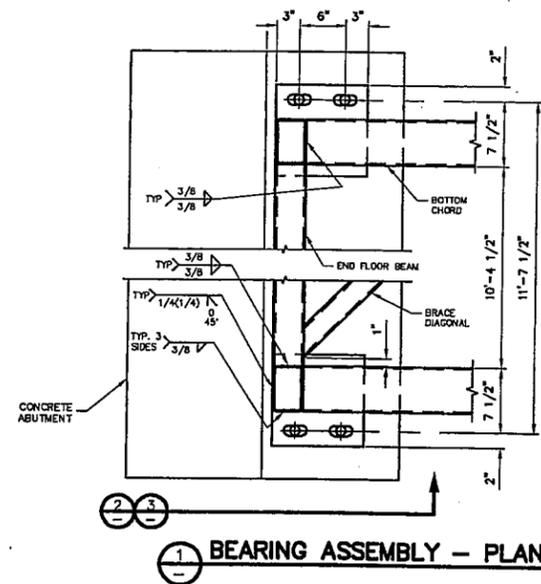
SHEET TITLE:
Pedestrian Bridge Approach Details

SHEET NUMBER:
S5
SHEET OF

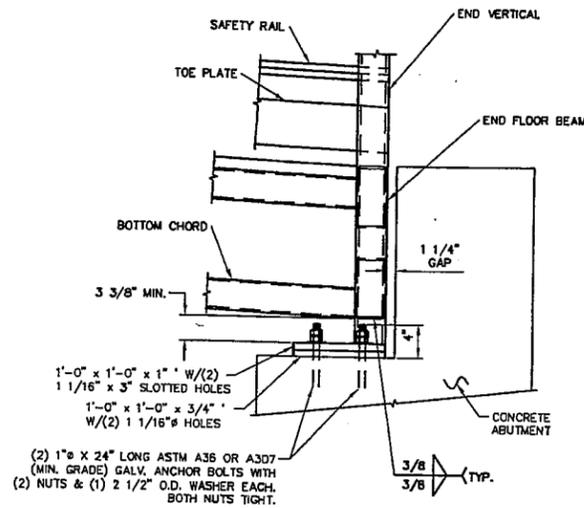
FILE NAME: C:\Users\jman\Documents\SanEng\Projects\Littleton Community Trail\Drawings\Structural\Approach Details.dwg
 PROJECT: Littleton Community Trail
 DATE: 04/22/11
 DRAWN BY: JM
 CHECKED BY: JM
 PROJECT LOCATION: Littleton, Colorado
 PROJECT NUMBER: 9227.00
 SHEET NUMBER: S5 OF 5

REUSE OF DOCUMENT

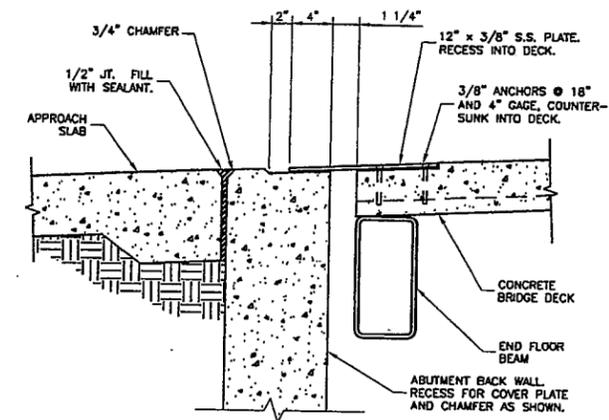
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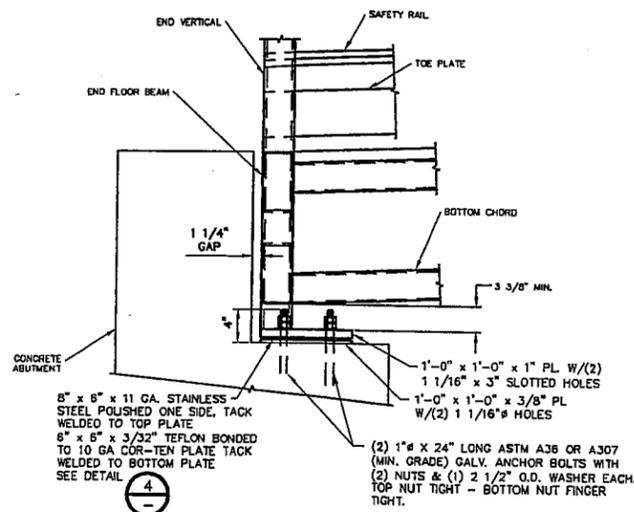
1 BEARING ASSEMBLY - PLAN



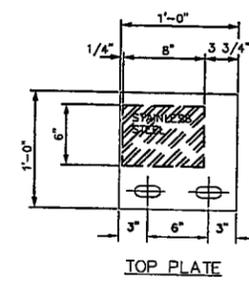
3 SIDE VIEW - BEARING ASSEMBLY (FIXED END)



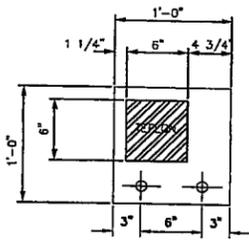
D EXPANSION JOINT DETAIL
SCALE: 1 1/2"=1'-0"



2 SIDE VIEW - BEARING ASSEMBLY (EXPANSION END)

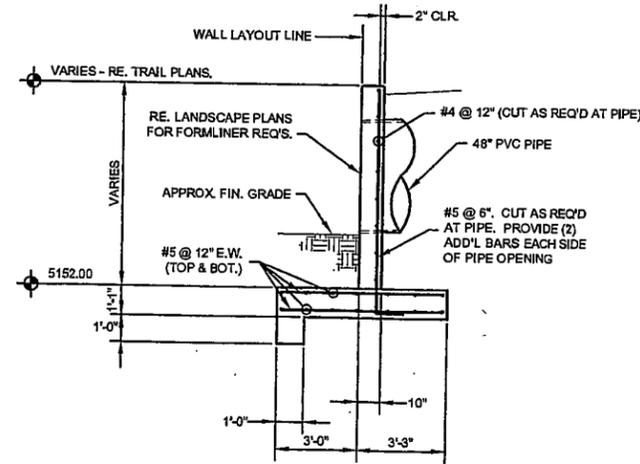


TOP PLATE



BOTTOM PLATE

4 TEFLON BEARING DETAIL



5 CONCRETE HEADWALL
SCALE: NOT TO SCALE

FILE NAME: C:\Users\jmc\Documents\San Eng\Projects\Littleton Community Trail\Drawings\Structural\S6.dwg
 PLOT DATE: 04/22/2011 10:58:11 AM
 PLOT BY: jmc
 4/22/2011 10:58:11 AM

Littleton Community Trail
Littleton, Colorado

PROJECT NUMBER: 9227.00 DATE: 04-22-11
 DESIGNED: JM
 DRAWN: JM
 CHECKED: JM

JOB DESCRIPTION:
 Construction Documents
 SHEET TITLE:
 Pedestrian Bridge Bearing & Expansion Joint Details

SHEET NUMBER:
S6
 SHEET OF

COUNCIL COMMUNICATION

Date January 7, 2013	Agenda Item 9 c i	Subject Designation of Bulletin Board on the north side of the second floor of Englewood Civic Center as the Official Posting Place for all Legal Notices of the City of Englewood for 2013
INITIATED BY Department of Finance and Administrative Services City Clerk's Office		STAFF SOURCE Frank Gryglewicz, Director of Finance and Administrative Services Loucrishia Ellis, City Clerk

COUNCIL GOAL AND PREVIOUS COUNCIL ACTION

On January 9, 2012 City Council designated the bulletin board on the north side of the second floor of Englewood Civic Center as the Official Posting Place for all Legal Notices of the City of Englewood for 2012.

RECOMMENDED ACTION

Approve a resolution designating the bulletin board on the north side of the second floor of Englewood Civic Center as the Official Posting Place for all Legal Notices of the City of Englewood for 2013.

BACKGROUND, ANALYSIS, AND ALTERNATIVES IDENTIFIED

The OPEN MEETINGS LAW, State Statute § 24-6-402 (2) (c) states that "a local public body shall be deemed to have given full and timely notice if the notice of the meeting is posted in a designated public place within the boundaries of the local public body no less than twenty-four hours prior to the holding of the meeting. The public place or places for posting such notice shall be designated annually at the local public body's first regular meeting of each calendar year."

FINANCIAL IMPACT

None

LIST OF ATTACHMENTS

Resolution

RESOLUTION NO. _____
SERIES OF 2013

A RESOLUTION DESIGNATING THE BULLETIN BOARD ON THE NORTH SIDE OF THE SECOND FLOOR OF THE ENGLEWOOD CIVIC CENTER AS THE OFFICIAL POSTING PLACE FOR ALL LEGAL NOTICES OF THE CITY OF ENGLEWOOD FOR 2013.

WHEREAS, the "Open Meetings Law", State Statute §24-6-402(2)(c) requires that the public place or places for posting legal notices shall be designated annually at the local public body's first regular meeting of each calendar year.

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

Section 1. The official posting place for all legal notices of the City of Englewood for the year 2013, shall be the Bulletin Board on the north side of the second floor of the Englewood Civic Center and such notices shall be posted under the heading "OFFICIAL CITY NOTICES." This Resolution does not in any way of itself create a requirement for notice.

ADOPTED AND APPROVED this 7th day of January, 2013.

ATTEST:

Randy P. Penn, Mayor

Loucrishia A. Ellis, City Clerk

I, Loucrishia A. Ellis, City Clerk for the City of Englewood, Colorado, hereby certify the above is a true copy of Resolution No. _____, Series of 2013.

Loucrishia A. Ellis, City Clerk

COUNCIL COMMUNICATION

Date: January 7, 2013	Agenda Item: 9 c ii	Subject: Police Vehicle Replacement
Initiated By: Police Department		Staff Source: Jeff Sanchez, Deputy Chief of Police Pat White, Fleet Manager

COUNCIL GOAL AND PREVIOUS COUNCIL ACTION

City Council regularly approves requests for new vehicle replacement.

RECOMMENDED ACTION

The Police Department is recommending that Council approve, by motion, the purchase of ten (10) 2013 Chevrolet Caprices and three (3) 2013 Chevrolet Tahoes for use as marked police vehicles.

BACKGROUND, ANALYSIS, AND ALTERNATIVES IDENTIFIED

The Police Department and the Public Works Department are working together to facilitate the replacement of thirteen (13) marked police vehicles. Due to mileage and heavy use, marked police vehicles need to be replaced every four years. Eleven (11) 2009 Ford Crown Victorias and two (2) 2009 Chevrolet Tahoes are due to be replaced.

FINANCIAL IMPACT

The Chevrolet Caprices are available on a state bid for \$28,499 each for a total of \$284,990.

The Chevrolet Tahoes are available on a state bid for \$31,694 each for a total of \$95,082.

The total cost is \$380,072 which will be paid for through the existing CERF account budgeted by the Police Department.

LIST OF ATTACHMENTS

Service Center Garage Summary Specification Sheet for New Vehicles (Chevrolet Caprice)
Service Center Garage Summary Specification Sheet for New Vehicles (Chevrolet Tahoe)
Quote Worksheet (Chevrolet Caprice)
Quote Worksheet (Chevrolet Tahoe)

SERVICENTER GARAGE

**SUMMARY SPECIFICATION SHEET
FOR
NEW VEHICLES**

STATE AWARD # 07000YYY82M

ENGLEWOOD BID# _____

MANUFACTURER OF VEHICLE Chevrolet

MODEL OF VEHICLE Caprice

AIR CONDITIONING	YES	NO
AUTOMATIC TRANSMISSION	YES	NO
POWER WINDOWS	YES	NO
POWER DOOR LOCKS	YES	NO
4 WHEEL DRIVE	YES	NO
FLEX FUEL OPTION	YES	NO
CERF REPLACEMENT	YES	NO
NEW ADDITION TO FLEET	YES	NO

DEPARTMENT VEHICLE ASSIGNED TO 021105, Police Patrol Operations

COMMENTS: CERF Replacement on 4 year cycle. Replacing ten (10) 2009 Crown Victoria patrol cars with ten (10) 2013 Chevrolet Caprice patrol cars at \$28,499.00 each for a total of \$284,990.00.

SERVICENTER GARAGE

**SUMMARY SPECIFICATION SHEET
FOR
NEW VEHICLES**

STATE AWARD # 07000YYY82M

ENGLEWOOD BID# _____

MANUFACTURER OF VEHICLE Chevrolet

MODEL OF VEHICLE Tahoe

AIR CONDITIONING	YES	NO
AUTOMATIC TRANSMISSION	YES	NO
POWER WINDOWS	YES	NO
POWER DOOR LOCKS	YES	NO
4 WHEEL DRIVE	YES	NO
FLEX FUEL OPTION	YES	NO
CERF REPLACEMENT	YES	NO
NEW ADDITION TO FLEET	YES	NO

DEPARTMENT VEHICLE ASSIGNED TO 021105, Police Operations

COMMENTS: CERF replacement on a 4 year cycle. Replacing two (2) 2009 Chevrolet Tahoe's (Patrol Supervisor Units) and one (1) Crown Victoria patrol unit as per Department request. Cost per unit is \$31,694.00 for a total of \$95,082.00

Prepared By:

MARKM

Mark McMunn -- John Elway Chev

1313 Motor City Dr.

Colorado Springs, CO 80905

Phone: (719) 332-8165

Fax: (719) 634-1058

Email: |

2013 Fleet/Non-Retail Chevrolet Caprice Police Patrol Vehicle 4dr Sdn Polic

QUOTE WORKSHEET

QUOTE WORKSHEET - 2013 Fleet/Non-Retail 1EW19 4dr Sdn Police

MSRP	\$31,420.00
Destination Charge	\$825.00
Optional Equipment	\$1,361.00
Dealer Advertising	\$0.00
Customer Discount	(\$6,422.00)
Accessories	
TWO TONE 4 DOORS & TOP	\$1,315.00
Total Accessories	\$1,315.00
Taxable Price	\$28,499.00
TOTAL	\$28,499.00

Customer Signature / Date

Dealer Signature / Date

Report content is based on current data version referenced. Any performance-related calculations are offered solely as guidelines. Actual unit performance will depend on your operating conditions.

GM AutoBook, Data Version: 254.0, Data updated 12/4/2012 3:36:00 PM

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Customer File:

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 MARKM
 Mark McMunn -- John Elway Chev
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 Email: r

2013 Fleet/Non-Retail Chevrolet Caprice Police Patrol Vehicle 4dr Sdn Polic

WINDOW STICKER

2013 Chevrolet Caprice Police Patrol Vehicle 4dr Sdn Police		Interior: - Jet Black
* 6.0L/364 CID * Gas/Ethanol V8		Exterior 1: - Phantom Black Metallic
6-Speed Automatic w/OD		Exterior 2: - No color has been selected.
CODE	MODEL	MSRP
1EW19	2013 Chevrolet Caprice Police Patrol Vehicle 4dr Sdn Police	\$31,420.00
OPTIONS		
FE9	EMISSIONS, FEDERAL REQUIREMENTS	\$0.00
L77	ENGINE, 6.0L V8 SFI WITH ACTIVE FUEL MANAGEMENT, INCLUDES (E85) FL	\$0.00
MX0	TRANSMISSION, 6-SPEED AUTOMATIC, ELECTRONICALLY CONTROLLED	\$0.00
1SB	POLICE PREFERRED EQUIPMENT GROUP	\$0.00
9C1	POLICE PACKAGE	\$0.00
GIE	PHANTOM BLACK METALLIC	\$0.00
---	STANDARD PAINT	\$0.00
ACC	SEATS, FRONT BUCKET, CLOTH WITH HEAVY-DUTY FOAM, VINYL REAR BE	\$110.00
4BB	JET BLACK, CLOTH SEAT TRIM	\$0.00
UBW	AUDIO SYSTEM, AM/FM STEREO WITH CD PLAYER, SEEK-AND-SCAN, DIGIT	\$0.00
G80	DIFFERENTIAL, LIMITED SLIP	INC
---	COOLING, ENGINE OIL COOLER	INC
7X7	SPOTLAMP, DRIVER- AND PASSENGER-SIDE	\$820.00
6A3	FLOOR COVERING, HEAVY-DUTY VINYL, FRONT AND REAR	INC
6N5	WINDOW SWITCHES, REAR-WINDOW INOPERATIVE	\$70.00
AMF	KEYS, 6 CUT	\$150.00
6E3	DOOR LOCKS, SINGLE KEY LOCKING SYSTEM, ENTIRE FLEET CODED ALIKE	\$25.00
6N6	DOOR LOCKS AND HANDLES, INSIDE REAR DOORS INOPERATIVE	\$66.00
7Y6	LIGHTING, INOPERATIVE DOME AND COURTESY LAMPS	\$25.00
SGT	SPEED LIMITER, 130 MPH TOP SPEED	\$95.00

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Email: r

2013 Fleet/Non-Retail Chevrolet Caprice Police Patrol Vehicle 4dr Sdn Polic

WINDOW STICKER

SUBTOTAL	\$32,781.00
Advert/Adjustments	\$0.00
Destination Charge	\$825.00
TOTAL PRICE	\$33,606.00
Est City: - TBD - mpg	
Est Highway: - TBD - mpg	
Est Highway Cruising Range: - TBD - mi	

Report content is based on current data version referenced. Any performance-related calculations are offered solely as guidelines. Actual unit performance will depend on your operating conditions.

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Colorado Springs, CO 80905

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Fax: (719) 634-1058

Email: |

2013 Fleet/Non-Retail Chevrolet Tahoe 4WD 4dr 1500 Commercial CK1070

QUOTE WORKSHEET

QUOTE WORKSHEET - 2013 Fleet/Non-Retail CK10706 4WD 4dr 1500 Commercial

MSRP	\$43,890.00
Destination Charge	\$995.00
Optional Equipment	(\$4,544.00)
Dealer Advertising	\$0.00
Customer Discount	(\$9,962.00)
Accessories	
TWO TONE PAINT 4 DOORS AND ROOF	\$1,315.00
Total Accessories	\$1,315.00
Taxable Price	\$31,694.00
TOTAL	\$31,694.00

Customer Signature / Date

Dealer Signature / Date

Report content is based on current data version referenced. Any performance-related calculations are offered solely as guidelines. Actual unit performance will depend on your operating conditions.

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Colorado Springs, CO 80905

Phone: (719) 332-8165

Fax: (719) 634-1058

Email:

2013 Fleet/Non-Retail Chevrolet Tahoe 4WD 4dr 1500 Commercial CK1070

WINDOW STICKER

2013 Chevrolet Tahoe 4WD 4dr 1500 Commercial		Interior: - Ebony
5.3L/323 CID Gas/Ethanol V8		Exterior 1: - Black
6-Speed Automatic		Exterior 2: - No color has been selected.
CODE	MODEL	MSRP
CK10706	2013 Chevrolet Tahoe 4WD 4dr 1500 Commercial	\$43,890.00
OPTIONS		
ZW7	SUSPENSION PACKAGE, PREMIUM SMOOTH RIDE	\$0.00
FE9	EMISSIONS, FEDERAL REQUIREMENTS	\$0.00
LMG	ENGINE, VORTEC 5.3L V8 SFI FLEXFUEL	\$0.00
MYC	TRANSMISSION, 6-SPEED AUTOMATIC, ELECTRONICALLY CONTROLLED	\$0.00
GU6	REAR AXLE, 3.42 RATIO	INC
1FL	COMMERCIAL PREFERRED EQUIPMENT GROUP	\$0.00
NX7	WHEELS, 4 - 17" X 7" (43.2 CM X 17.8 CM) STEEL	\$0.00
QGI	TIRES, P265/70R17 ALL-SEASON, BLACKWALL	\$0.00
ZY1	SOLID PAINT	\$0.00
41U	BLACK	\$0.00
A95	SEATS, FRONT BUCKET WITH PREMIUM CLOTH	\$935.00
19C	EBONY, PREMIUM CLOTH SEAT TRIM	\$0.00
US8	AUDIO SYSTEM, AM/FM STEREO WITH MP3 COMPATIBLE CD PLAYER	\$0.00
5W4	IDENTIFIER FOR SPECIAL SERVICE VEHICLE.	-\$5,710.00
K5L	TRAILERING PACKAGE, HEAVY-DUTY	INC
6J1	IGNITION	INC
KNP	COOLING, AUXILIARY TRANSMISSION OIL COOLER, HEAVY-DUTY AIR-TO-OIL	INC
KC4	COOLING, EXTERNAL ENGINE OIL COOLER, HEAVY-DUTY AIR-TO-OIL, INTE	INC
K47	AIR CLEANER, HIGH-CAPACITY	INC
NQH	TRANSFER CASE, ACTIVE, 2-SPEED ELECTRONIC AUTOTRAC	INC

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2013 Fleet/Non-Retail Chevrolet Tahoe 4WD 4dr 1500 Commercial CK1070

WINDOW STICKER

___	BATTERY, 660 COLD CRANKING AMPS	INC
___	KEY, SINGLE, 2-SIDED	INC
6E2	KEY COMMON, COMPLETE SPECIAL SERVICE VEHICLE FLEET.	\$25.00
___	LUGGAGE RACK, DELETE	INC
7X7	SPOTLAMPS, LEFT- AND RIGHT-HAND	\$820.00
___	WIPERS, FRONT INTERMITTENT WET-ARM	INC
UN9	RADIO SUPPRESSION, BRAIDED BRASS STRAPS	INC
AG2	SEAT ADJUSTER, FRONT PASSENGER 6-WAY POWER	INC
ATD	SEAT DELETE, THIRD ROW PASSENGER	INC
UT7	GROUND STUDS, AUXILIARY	INC
9G8	HEADLAMPS, DAYTIME RUNNING LAMPS AND AUTOMATIC HEADLAMP CON	\$1.00
UE0	ONSTAR, DELETE	INC
___	SAFETY BELTS, 3-POINT, DRIVER AND FRONT PASSENGER IN ALL SEATING	INC
VPV	SHIP THRU, PRODUCED IN ARLINGTON ASSEMBLY AND SHIPPED TO KERR I	INC
SPECIAL EQUIPMENT OPTIONS		
9N5	FLOOR CONSOLE DELETE	-\$625.00
5T5	SEATS, REAR VINYL WITH FRONT CLOTH SEATS	INC
UTQ	CONTENT THEFT ALARM DISABLE	\$10.00
SUBTOTAL		\$39,346.00
Advert/Adjustments		\$0.00
Destination Charge		\$995.00
TOTAL PRICE		\$40,341.00
Est City: 15.00 mpg		
Est Highway: 21.00 mpg		
Est Highway Cruising Range: 546.00 mi		

Report content is based on current data version referenced. Any performance-related calculations are offered solely as guidelines. Actual unit performance will depend on your operating conditions.

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Customer File:

COUNCIL COMMUNICATION

Date: January 7, 2013	Agenda Item: 9 c iii	Subject: Police Patrol Fleet Equipment and Installation
Initiated By: Police Department		Staff Source: Jeff Sanchez, Deputy Chief of Police Pat White, Fleet Manager

COUNCIL GOAL AND PREVIOUS COUNCIL ACTION

City Council regularly reviews requests for new vehicle replacement, which includes additional equipment required for marked Police vehicles.

RECOMMENDED ACTION

The Police Department is recommending that Council approve, by motion, a contract to install additional equipment (weapons mounts, lighting, sirens, wiring, and interior/external features) in the new marked Police vehicles. Staff recommends awarding the bid to the lowest acceptable bidder, "Lighting, Accessory & Warning Systems" (L.A.W.S.), in the amount of \$79,844.61.

BACKGROUND, ANALYSIS, AND ALTERNATIVES IDENTIFIED

The Public Works Department, working in conjunction with the Finance Department, recently completed an "Invitation for Bid" process. Three vendors submitted sealed bids. L.A.W.S. submitted the lowest bid and has the expertise and facilities to do the installation.

FINANCIAL IMPACT

The cost to install the equipment in the ten (10) Chevrolet Caprices is \$65,035.54.

The cost to install the equipment in the three (3) Chevrolet Tahoes is \$14,809.07.

The total cost is \$79,844.61 which will be paid for through the existing CERF account budgeted by the Police Department.

LIST OF ATTACHMENTS

City of Englewood Bid Tabulation Sheet

City of Englewood Bid Tabulation Sheet

Bid Opening Date: November 29, 2012 2:00 P.M. MST

Apparent Low Bidder

ITEM BID: IFB-12-025 Englewood Patrol Fleet Equipment & Installation

Vendor	Addendum Y/N	Patrol Cars (10) Equip & Install	Patrol Tahoes (3) Equip & Install	Total Bid	Exceptions:
Av-Tech Electronics					Vendor can offer new Cancom amps and control heads at no extra charge in exchange for old units. Also offer a labor warranty that matches the MFG part warranty at no extra charge.
12851 W 43rdn Dr					
Golden, CO 80403					
Neil Paccione - Sales					
303-288-0313	Y	\$ 78,214.90	\$ 17,539.68	\$ 95,754.58	
Wireless Advanced Communications					
3901 W Service Rd					
Evans, CO 80620					
Kirk Waddell - Manager					
970-330-9415	Y	\$ 67,851.10	\$ 15,566.46	\$ 83,417.56	
L.A.W.S.					
7124 S Dillon Ct Ste 100					
Englewood, CO 80112					
Devin Marciano - President					
720-870-4965	Y	\$ 65,035.54	\$ 14,809.07	\$ 79,844.61	

COUNCIL COMMUNICATION

Date: January 7, 2013	Agenda Item: 9 c iv	Subject: Police Uniform Vendor
Initiated By: Police Department		Staff Source: Jeff Sanchez, Deputy Chief of Police

COUNCIL GOAL AND PREVIOUS COUNCIL ACTION

City Council has previously approved contracts regarding uniform apparel and equipment.

RECOMMENDED ACTION

The Police Department is recommending that Council approve, by motion, a contract for Police uniforms and equipment. Staff recommends awarding the contract to Ryders Public Safety, the lowest technically acceptable bidder.

BACKGROUND, ANALYSIS, AND ALTERNATIVES IDENTIFIED

The Police Department, working in conjunction with the Finance Department, recently completed an "Invitation for Bid" process. Two vendors submitted sealed bids. Ryders Public Safety submitted the lowest overall bid and has the qualifications necessary to provide uniform apparel and equipment. In addition, they are located nearby in Sheridan.

FINANCIAL IMPACT

Funds are included in the approved 2013 Budget for Police uniforms and equipment.

LIST OF ATTACHMENTS

City of Englewood Bid Tabulation Sheet
Uniform Agreement

City of Englewood Bid Tabulation Sheet

Bid Opening: Thursday, August 30, 2012 2:00 PM MDT

ITEM: IFB-12-021 Englewood Police Department Personnel Uniforms

Apparent Low Bidder:

Item # and Description	Ryders Public Safety 4131 S Natches Cr. Unit A Englewood, CO 80110 Rick Ryder 303-781-4539	Ryders Public Safety Supplemental Alternates Manufacturer Bid Amount	Neve's Uniforms & Equipment 5120 Osage St. #200 Denver, CO 80221 Jack Shinnick 303- 455-7000	Exceptions:
Receipt of Addendum #1 Y/N	Y		Y	
1. Shirt, Short Sleeve Dac/Rayon LAPD Navy Size 14.5-18.5		\$ 41.95	\$ 47.95	
1. Shirt, Short Sleeve Dac/Rayon LAPD Navy Size 19-20		\$ 41.95	\$ 52.75	
2. Shirt, Short Sleeve Dac/Wool LAPD Navy Size 14.5-18.5		\$ 51.95	\$ 58.95	
2. Shirt, Short Sleeve Dac/Wool LAPD Navy Size 19-20		\$ 51.95	\$ 64.85	
3. Shirt, Long Sleeve Dac/Rayon LAPD Blue Size 14.5-18.5		\$ 46.95	\$ 52.95	
3. Shirt, Long Sleeve Dac/Rayon LAPD Blue Size 19-20		\$ 46.95	\$ 58.25	
4. Shirt, Long Sleeve Dac/Wool LAPD Navy Size 14.5-18.5		\$ 56.95	\$ 64.95	
4. Shirt, Long Sleeve Dac/Wool LAPD Navy Size 19-20		\$ 56.95	\$ 71.45	
5. Pant, Dac/Wool Elastique LAPD Navy Size 28-42		\$ 92.95	\$ 105.95	
5. Pant, Dac/Wool Elastique LAPD Navy Size 44-50		\$ 92.95	\$ 116.55	
6. Pant, Dac/Wool Serge Navy Blue Size 28-42		\$ 68.95	\$ 74.95	
6. Pant, Dac/Wool Serge Navy Blue Size 44-50		\$ 68.95	\$ 82.45	
7. Pant, Poly/Rayon Side Cargo pockets Navy Blue Size 28-42		\$ 74.95	\$ 79.95	
7. Pant, Poly/Rayon Side Cargo pockets Navy Blue Size 44-50		\$ 74.95	\$ 87.95	
8. Pant, Poly/Rayon Side 4 pocket Navy Blue Size 28- 42		\$ 68.95	\$ 59.95	
8. Pant, Poly/Rayon Side 4 pocket Navy Blue Size 44- 50		\$ 68.95	\$ 65.95	
9. Pant, Poly/Wool/Lycra Navy Blue Size 28-42	No bid	No bid	\$ 77.95	
9. Pant, Poly/Wool/Lycra Navy Blue Size 44-50	No bid	No bid	\$ 85.75	
10. Sweater, V Neck Pil-Trol Commando Size S-XL		\$ 31.95	\$ 75.95	
10. Sweater, V Neck Pil-Trol Commando Size 2XL-3XL		\$ 31.95	\$ 83.55	
11. Raincoat, Reversible Black/Hi-Vis Yellow Size S- XL		\$ 56.95	\$ 109.95	
11. Raincoat, Reversible Black/Hi-Vis Yellow Size 2XL-3XL		\$ 56.95	\$ 120.95	

12. Jacket, Duty Dark Navy Size S-XL	\$	122.95		\$	129.95	
12. Jacket, Duty Dark Navy Size 2XL-3XL	\$	122.95		\$	142.95	
13. Hat, 8 Point top style cap Size S-XL	\$	34.95		\$	36.50	
14. Baton Holder 26" Basketweave	\$	35.95		\$	36.95	
15. Baton 26" Foam Handle F26B	\$	77.95		\$	81.95	
16. Badge Holder with neck chain			\$	11.95	\$	11.50
17. Belt, Sam Browne Nickle, Basketweave	\$	31.95		\$	38.95	
18. Underbelt, Velcro, Basketweave	\$	17.95		\$	17.95	
19. Cuff Case, Single Hidden Snap, Basketweave	\$	29.95		\$	26.95	
20. Cuff Case, Double Hidden Snap, Basketweave	\$	37.95		\$	39.50	
21. Flashlight Holder, Open bottom, Basketweave			\$	12.95	\$	16.50
22. Flashlight Holder, Open top, Basketweave			\$	22.95	\$	25.95
23. Flashlight Holder, Closed top, Basketweave			\$	22.95	\$	25.95
24. Holster, Mid Ride, Basketweave	\$	97.95		\$	115.95	
25. Holster, Hi Ride, Basketweave	\$	93.95		\$	128.95	
26. Tactical Holster, Kydex, Basketweave	\$	124.95		\$	129.95	
27. Keepers, Hidden Snap, Basketweave	\$	2.95		\$	3.75	
28. Key Holder, Silent, Basketweave			\$	16.95	\$	22.95
29. Mace Holder, MKIII Open top, Basketweave	\$	25.95		\$	23.75	
30. Mace Holder, MKIV Hidden Snap, Basketweave	\$	31.95		\$	27.75	
31. Mag Pouch, Open top, Basketweave	\$	27.95		\$	25.95	
32. Radio Holder, Basketweave			\$	15.95	\$	24.95
33. Handcuff, Nickle	\$	24.95		\$	25.95	
34. Mace, MKIII	\$	10.95		\$	11.95	
35. Mace, MKIV	\$	12.95		\$	13.95	
36. Traffic Template, Accident Investigations	\$	9.95		\$	14.95	
37. Citation Holder	\$	19.95		\$	24.95	
38. Clip Board	\$	24.95		\$	30.95	
39. Tie, Clip On, Black			\$	5.95	\$	4.95
40. Nameplate, 3/8" clutch back	\$	5.95		\$	6.95	
41. Bike Short, lined, Black			\$	46.95	\$	69.95
42. Bike Pant, unlined, Black			\$	66.95	\$	71.95
43. Nametape, 1" with 5/8" letters, Navy with white letters	\$	6.95		\$	4.95	

UNIFORM AGREEMENT

THIS AGREEMENT entered into the 1st day of January 2013 by and between the City of Englewood, Colorado (hereinafter referred to as "the City", whose address is 1000 Englewood Parkway, Englewood, Colorado 80110-2373 and **Ryders Public Safety** (hereinafter referred to as "Vendor"), whose address is **4131 S. Natches Ct. Unit A Englewood, CO 80110.**

Whereas, the City is desirous of obtaining various Uniforms for police personnel as per the attached specifications.

TERMS OF AGREEMENT

1. Vendor agrees to have uniforms available for use within thirty (30) days after the formal award and maintain said services and current prices through 2013. Prices may change for the years 2014, 2015 and 2016, not to exceed five percent (5%) per year.
2. The City shall be supplied according to the actual needs of the Police Department.
3. Vendor shall provide all bid items in accordance with the specifications as found in the Invitation For Bid.
4. Vendor agrees to have on hand stock equal to one quarter of the yearly estimated use at all times on all garments classified as stock items to insure prompt delivery.
5. The Vendor agrees that the cost of any alterations relative to the proper length of pant cuff for the employee for whom the garment is supplied shall be reflected in the "net Unit Price" under the bid item shown on the Bid Proposal form.
6. Vendor shall unconditionally guarantee the workmanship and material in any item supplied. Merchandise found to be defective in either workmanship or material shall be replaced at the full expense of the Vendor within fifteen (15) working days from the date the Vendor is notified of the defect.
7. As various garments named in the specifications are required by police personnel of the City, a Uniform Requisition shall be issued which has been authorized by the user's supervisor.
8. The Vendor agrees upon receipt of the Uniform Requisition to issue the uniform garment (s) to the City Employee. Vendor shall supply employee with a packing slip showing employee's name and listing garment (s) received.

9. The Vendor shall provide the requesting employee with detailed invoice accompanied by receipts relative to that invoice. The invoice charges will be processed for payment utilizing an authorized City of Englewood Purchasing Credit Card. The City shall pay for said charges within thirty (30) days from receipt of undisputed invoice.
10. Vendor agrees to pay for the return shipment of incorrect merchandise via UPS call tag or other methods.
11. THIS AGREEMENT for providing uniforms shall be for a period of the remainder of the current year (2013), 2014, 2015 and 2016 or until terminated. Should both parties agree to extend this contract for an additional year or years, Vendor must submit a written proposal to the Buyer no later than the First day of January 2017. The City reserves the right to accept, modify, or reject said written proposal. The City shall inform Vendor of its decision through the office of the Purchasing Division.
12. **TERMINATION:** Either party may terminate this Agreement by giving notice in writing by registered mail, return receipt requested, to the other party thirty (30) days prior to any such intent to cancel this Agreement.
13. **APPROPRIATION OF FUNDS:** Funds have been appropriated for this project for 2012 and 2013, and it is anticipated that monies will be appropriated for the remaining three (3) years of the agreement. Notwithstanding anything contained in this Agreement to the contrary, in the event no funds or insufficient funds are appropriated and budgeted by the governing body or are otherwise unavailable by any means whatsoever in the following fiscal period for which appropriations were received without penalty or expense except as to those portions of the agreement or other amount herein for which funds have already been appropriated or are otherwise available. The City shall immediately notify **Ryders Public Safety** or its assignee of such occurrence in the event of such termination.
14. Both parties hereto represent that they have read this Agreement, understand it, and agree to be bound by all terms and conditions stated herein and acknowledge receipt of a signed, true and exact copy of this Agreement together with such documents referenced herein which shall constitute the entire Agreement with respect to the subject matter herein.

**VERIFICATION OF COMPLIANCE WITH C.R.S. 8-17.5-101 ET. SEQ.
REGARDING HIRING OF ILLEGAL ALIENS**

(a) **Employees, Contractors and Subcontractors:** Contractor shall not knowingly employ or contract with an illegal alien to perform work under this contract. Contractor shall not contract with a subcontractor that fails to certify to the Contractor that the subcontractor will not knowingly employ or contract with an illegal alien to perform work under this Contract. [CRS 8-17.5-102(2)(a)(I) & (II).]

(b) **Verification:** Contractor will participate in either the E-Verify program or the Department program, as defined in C.R.S. 8-17.5-101 (3.3) and 8-17.5-101 (3.7) respectively, in order to confirm the employment eligibility of all employees who are newly hired for employment to perform work under this public contract for services. Contractor is prohibited from using the E-Verify program or the Department program procedures to undertake pre-employment screening of job applicants while this contract is being performed.

(c) **Duty to Terminate a Subcontract:** If Contractor obtains actual knowledge that a subcontractor performing work under this contract knowingly employs or contracts with an illegal alien, the Contractor shall;

(1) Notify the subcontractor and the City within three days that the Contractor has actual knowledge that the subcontractor is employing or contracting with an illegal alien; and

(2) Terminate the subcontract with the subcontractor if, within three days of receiving notice required pursuant to this paragraph the subcontractor does not stop employing or contracting with the illegal alien; except that the Contractor shall not terminate the contract with the subcontractor if during such three days the subcontractor provides information to establish that the subcontractor had not knowingly employed or contracted with the illegal alien.

(d) **Duty to Comply with State Investigation:** Contractor shall comply with any reasonable request of the Colorado Department of Labor and Employment made in the course of an investigation by that the Department is undertaking pursuant to C.R.S. 8-17.5-102 (5).

(e) **Damages for Breach of Contract:** The City may terminate this contract for a breach of contract, in whole or in part, due to Contractor's breach of any section of this paragraph or provisions required pursuant to C.R.S. 8-17.5-102. Contractor shall be liable for actual and consequential damages to the City in addition to any other legal or equitable remedy the City may be entitled to for a breach of this Contract under this Paragraph 29.

IN WITNESS WHEREOF the parties hereto have executed this Agreement the day and year first written above.

CITY OF ENGLEWOOD

VENDOR

By: _____
Gary Sears
City Manager

Ryders Public Safety
Company or Corporation

By: RICHARD A. Ryden
(Print Name)

By: _____
Signature

COUNCIL COMMUNICATION

Date: January 7, 2013	Agenda Item: 11 c i	Subject: Flood Middle School Redevelopment Assistance Request
Initiated By: City Manager's Office		Staff Source: Michael Flaherty, Deputy City Manager

COUNCIL GOAL AND PREVIOUS COUNCIL ACTION

City Council discussed the proposed Redevelopment Assistance Agreement at the December 10, 2012 Executive Session and there was consensus to bring the proposal forward for consideration at an upcoming City Council meeting.

One related goal of Englewood's Comprehensive Plan is to initiate business retention, revitalization, and growth strategies. The Retail Analysis and Site Development Assessment also recommends considering City involvement in the development of the former Flood Middle School site. In addition, late last summer City Council implemented an Economic Development Incentive Policy aimed at encouraging redevelopment in Englewood.

RECOMMENDED ACTION

Staff recommends that Council adopt the attached resolution authorizing the City of Englewood to enter into an agreement with Hampden Broadway, LLC for the City to provide assistance to support redevelopment of the former Flood Middle School site. (Hampden Broadway has been established by Barbury Holdings to take ownership of the Flood property from the Englewood School District and prepare the site for vertical development by Wood Partners.)

BACKGROUND, ANALYSIS, AND ALTERNATIVES IDENTIFIED

The proposed agreement calls for the City to assist Hampden Broadway with the proposed redevelopment of the former Flood Middle School, which was vacated in 2007, when Englewood Schools merged the two middle schools. The proposed redevelopment will result in a private investment of \$38 million for the construction of up to 310 apartment units that will house approximately 500 new residents.

Based on Council's goal to attract new sales and use tax, and retain and expand existing jobs in the City, the proposed agreement is presented for City Council's consideration. If Council approves the agreement, any assistance would be contingent upon the completion of the new development no later than December 31, 2015.

The agreement contains the following elements:

1. The City shall rebate to Hampden Broadway, LLC those use tax revenues derived from the City's 3.5% general use tax that are actually attributable to this project. Rebates shall not exceed \$170,000 or the actual cost incurred for relocation of the City Ditch, whichever amount is lower.
2. The City will agree to reduce the park dedication fee-in-lieu from \$20,000 to \$10,000 per acre of the park land dedication requirement. As required by Englewood's Unified Development Code, the actual amount due will be based on the total number of dwelling units X 1.8 X .0107 X \$10,000. For example, based on 310 units, the land dedication requirement is 5.9706 acres, which would total \$59,706, calculated at \$10,000 per acre.
3. The City will agree to use its credit from Xcel Energy to relocate (underground) Xcel's overhead utility distribution lines, which is estimated to cost \$300,000. The Xcel agreement provides only for utility lines owned by Xcel. Hampden Broadway is responsible for the cost of relocating all other lines.
4. Prior to acquiring a building permit, Hampden Broadway will deposit \$10,000 in escrow with the City for the cost of associated project-related traffic improvements deemed necessary by the City at the Broadway and Kenyon intersection adjacent to the development. These funds will remain in escrow for a period of two years after issuance of the certificate of occupancy or at such time the development is 90% occupied, whichever comes first.

FINANCIAL IMPACT

The property will begin to yield property tax to the City at an estimated \$11,000 annually. Since the property has not previously been on the tax rolls, the property tax income will be fully "net" relative to current receipts.

The redevelopment's projected \$38 million construction costs, based on an estimated \$115,000 per unit, is expected to yield an estimated \$500,000 in Building Use Taxes.

In addition, the 500 new residents, with a projected average annual household income of between \$85,000 and \$100,000, are likely to be purchasing goods and services in the City of Englewood. This spending will not only help improve business for local merchants, but will result in increased Sales Taxes to the City.

LIST OF ATTACHMENTS

Proposed Redevelopment Assistance Agreement

RESOLUTION NO. _____
SERIES OF 2013

A RESOLUTION APPROVING A REDEVELOPMENT ASSISTANCE AGREEMENT WITH HAMPDEN BROADWAY, LLC, FOR THE REDEVELOPMENT OF 3695 SOUTH LINCOLN STREET IN ENGLEWOOD, COLORADO.

WHEREAS, the successful attraction and retention of high quality development to the City of Englewood provides employment and housing opportunities and increased revenue for citizen services and is therefore an important public purpose; and

WHEREAS, it is important for the City of Englewood to attract new sales and use tax revenue in the City and remain competitive with other local governments in creating assistance for redevelopment of existing space in the City; and

WHEREAS, Hampden Broadway Holdings plans to demolish the former Flood Middle School and build an apartment complex; and

WHEREAS, pursuant to the provisions of Section 31-15-903, C.R.S., the City has the authority to negotiate for incentive payments or credits with taxpayers who establish new business facilities or who expand existing business facilities; and

WHEREAS, there has been proposed a Redevelopment Assistance Agreement between the City and Hampden Broadway, LLC, a copy of which is attached hereto as Exhibit "A" and incorporated herein by this reference; and

WHEREAS, pursuant to the Constitution of the State of Colorado, and the Home Rule Charter and ordinances of the City of Englewood, the City has authority to enter into the proposed Redevelopment Assistance Agreement; and

WHEREAS, the City Council finds that the proposed Redevelopment Assistance Agreement is consistent with and in furtherance of the business assistance policies of the City, and desires to approve the Agreement and authorize its execution and implementation;

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

Section 1. The proposed Redevelopment Assistance Agreement between the City of Englewood and Hampden Broadway, LLC. is hereby approved, a copy of which is attached hereto as Exhibit A.

Section 2. The Mayor is hereby authorized to execute the Agreement on behalf of the City Council of the City of Englewood.

ADOPTED AND APPROVED this 7th day of January, 2013.

ATTEST:

Randy P. Penn, Mayor

Loucrishia A. Ellis, City Clerk

I, Loucrishia A. Ellis, City Clerk for the City of Englewood, Colorado, hereby certify the above is a true copy of Resolution No. _____, Series of 2013.

Loucrishia A. Ellis, City Clerk

**REDEVELOPMENT ASSISTANCE AGREEMENT FOR
HAMPDEN BROADWAY, LLC,
IN THE CITY OF ENGLEWOOD.**

THIS AGREEMENT ("Agreement") is made and entered into as of the _____ day of _____, 2012, between the CITY OF ENGLEWOOD, a Colorado home rule municipal corporation (the "City"), and HAMPDEN BROADWAY, LLC, a Colorado limited liability corporation.

WHEREAS, the City wishes to provide certain business assistance in connection with the former Flood Middle School site redevelopment of approximately 4.56 acres located at South Broadway and Kenyon Avenue also known as 3695 South Lincoln Street, in Englewood, Colorado (the project); and

WHEREAS, Hampden Broadway, LLC plans to purchase and cause the redevelopment of the property located at 3695 South Lincoln Street, Englewood, CO 80113 into an apartment project; and

WHEREAS, it is anticipated that the project will generate property tax and revenue, and create new housing and associated improvements in the City; to generate new sales and use tax revenue, and to create new jobs in the City; and

WHEREAS, City Council finds the execution of this Agreement will serve to provide a public benefit and advance the public interest and welfare of the City.

NOW, THEREFORE, in consideration of the mutual promises set forth below, the City and Hampden Broadway, LLC agree as follows:

1. Use Tax Rebates. The City shall rebate to Hampden Broadway, LLC, building use tax revenues, derived from the imposition of the City's 3.5% use tax, that are actually collected by the City and attributable to this project. Rebates shall not exceed the lesser amount of \$170,000 or the actual cost incurred for relocation of the City Ditch. This rebate is to assist in the necessary relocation of the City Ditch across the subject property. The City Ditch Right-of-Way vacation and grant of a new Right-of-Way must be approved by the Water and Sewer Board and City Council, which approval process requires approximately six weeks to complete. The construction of the relocated City Ditch will be pursuant to City approved plans and specifications. Construction may take place at any time with the tie-ins or reconnection limited to 48 hours on an approved date. Documentation and City approval of the completed City Ditch and documentation of the actual cost of relocation is required prior to the processing of the request for the rebate of building use tax.
2. Payment of Funds. The building use tax rebate shall be paid by the City in a single payment and shall be made after receipt of payments of building use tax in an amount equal to or in excess of the rebate amount. The City shall pay no interest on the amount subject to rebate.



3. Use of Funds. Funds rebated pursuant to this Agreement shall be used by Hampden Broadway, LLC solely to reimburse Hampden Broadway, LLC for the costs incurred for the relocation of the City Ditch.
4. The City agrees to reduce the park dedication fee-in-lieu from \$20,000 to \$10,000 per acre of the park land dedication requirement. As required by the City's Unified Development Code, the actual amount due will be based on the total number of dwelling units X 1.8 X .0107 X \$10,000. For example, based on 310 units, the land dedication requirement is 5.9706 acres, which at \$10,000 per acre would total \$59,706.
5. The City agrees to utilize its credit from Xcel Energy for relocation and/or undergrounding of Xcel overhead utility distribution lines located on the property, estimated at \$300,000. The Xcel agreement provides only for utility lines owned by Xcel. Hampden Broadway, LLC is responsible for the cost of relocation of all other lines. Hampden Broadway, LLC will coordinate the Xcel undergrounding through the City's Public Works Department.
6. Prior to acquiring a building permit, Hampden Broadway, LLC will deposit \$10,000 in escrow with the City Finance Department for the cost of associated project related traffic improvements at the Broadway/Kenyon intersection as deemed necessary by the City. These funds will remain in escrow with the City for a period of two years after issuance of the certificate of occupancy or at such time as the development is 90% occupied, whichever comes first. At that time, the City will refund any amount not obligated or expended by the City for such traffic improvements.
7. Entire Agreement. This instrument shall constitute the entire agreement between the City and Hampden Broadway, LLC and supersedes any prior agreements between the parties and their agents or representatives, all of which are merged into and revoked by this Agreement with respect to its subject matter. Contact information is as follows:

Edward Barsocchi, Co-Manager
Thomas Bradbury, Jr., Co-Manager
Hampden Broadway, LLC
4725 South Monaco Street, Suite 205
Denver, CO 80237

Mike Flaherty, Deputy City Manager
Alan White, Director of Community Development
1000 Englewood Parkway
Englewood, CO 80110

8. Termination. This Agreement shall terminate and become void and of no force or effect upon the City if, by December 31, 2015, Hampden Broadway, LLC has not completed the project (as evidenced by the issuance of a certificate of occupancy); or should Hampden Broadway, LLC fail, after a thirty day Notice of Violation, to comply with any City code.

9. Subordination. The City's obligations pursuant to this Agreement are subordinate to the City's obligations for the repayment of any current or future bonded indebtedness and are contingent upon the existence of a surplus in sales and use tax revenues in excess of the sales and use tax revenues necessary to meet such existing or future bond indebtedness. The City shall meet its obligations under this Agreement only after the City has satisfied all other obligations with respect to the use of sales and use tax revenues for bond repayment purposes. For the purposes of this Agreement, the terms "bonded indebtedness," "bonds," and similar terms describing the possible forms of indebtedness include all forms of indebtedness that may be incurred by the City, including, but not limited to, general obligation bonds, revenue bonds, revenue anticipation notes, tax increment notes, tax increment bonds, and all other forms of contractual indebtedness of whatsoever nature that is in any way secured or collateralized by sales and use tax revenues of the City.
10. Annual Appropriation. Nothing in this Agreement shall be deemed or construed as creating a multiple fiscal year obligation on the part of the City within the meaning of Colorado Constitution Article X, Section 20, or any other constitutional or statutory provision, and the City's obligations hereunder are expressly conditional upon annual appropriation by the City Council, in its sole discretion. Hampden Broadway, LLC understands and agrees that any decision of City Council to not appropriate funds for payment shall be without penalty or recourse to the City and, further, shall not affect, impair, or invalidate any of the remaining terms or provisions of this Agreement.
11. Governing Law: Venue. This Agreement shall be governed and construed in accordance with the laws of the State of Colorado. This Agreement shall be subject to, and construed in strict accordance with the City of Englewood City Charter and the City of Englewood Municipal Code. In the event of a dispute concerning any provision of this Agreement, the parties agree that prior to commencing any litigation; they shall first engage, in good faith, the services of a mutually acceptable, qualified, and experienced mediator or panel of mediators for the purpose of resolving such dispute. In the event such dispute is not fully resolved by mediation or otherwise within 60 days after a request for mediation by either party, then either party may commence legal proceedings regarding the dispute. The venue for any lawsuit concerning this agreement shall be in the District Court for Arapahoe County, Colorado.
12. Legal Challenge: Escrow. The City shall have no obligation to make any rebate payment hereunder during the pendency of any legal challenge to this Agreement. The parties covenant that neither will initiate any legal challenge to the validity or enforceability of this Agreement against any challenge by any third party. Any funds appropriated for payment under this Agreement shall be escrowed in a separate City account in the event there is a legal challenge to this Agreement.
13. Assignment. This Agreement is personal to Hampden Broadway, LLC and Hampden Broadway, LLC may not assign any of the obligations, benefits or provisions of the Agreement in whole or in any part without the express written authorization of the City Council. Any purported assignment, transfer, pledge, or encumbrance made without such prior written authorization shall be void.

_____, 2012, by Edward Barsocchi, as Co-Manager of Hampden Broadway, LLC

My commission expires: 09/19/2016

~~Notary~~

**HUGH E. SMITH
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20084033111
MY COMMISSION EXPIRES SEPTEMBER 29, 2016**

CITY OF ENGLEWOOD

By: _____
Randy P. Penn, Mayor

ATTEST:

Loucrishia A. Ellis, City Clerk