141 Union Boulevard, Suite 150 Lakewood, Colorado 80228-1898 Tel: 303-987-0835 800-741-3254 Fax: 303-987-2032

NOTICE OF SPECIAL MEETING AND AGENDA

Board of Directors:	Office:	<u>Term/Expiration</u> :
Jay Perlmutter	President	2020/May 2020
Jonathan Perlmutter	Treasurer	2022/May 2022
Douglas C. Ernst	Assistant Secretary	2022/May 2022
G. Darwin Toll, Jr.	Assistant Secretary	2020/May 2020
Kenya Jenkins	Assistant Secretary	2022/May 2022
Ann Finn	Secretary	•

DATE: April 17, 2020

TIME: 11:30 a.m.

PLACE: VIA Conference Call

DUE TO CONCERNS REGARDING THE SPREAD OF THE CORONAVIRUS (COVID-19) AND THE BENEFITS TO THE CONTROL OF THE SPREAD OF THE VIRUS BY LIMITING IN-PERSON CONTACT, THIS DISTRICT BOARD MEETING WILL BE HELD BY CONFERENCE CALL WITHOUT ANY INDIVIDUALS (NEITHER DISTRICT REPRESENTATIVES NOR THE GENERAL PUBLIC) ATTENDING IN PERSON. IF YOU WOULD LIKE TO ATTEND THIS MEETING, PLEASE CALL IN TO THE CONFERENCE BRIDGE AT 1-877-261-8991 AND WHEN PROMPTED, DIAL IN THE PASSCODE OF 6168588.

I. ADMINISTRATIVE MATTERS

	A.	Present Disclosures of Potential Conflicts of Interest and confirm quorum.
	В.	Approve Agenda; confirm location of the meeting and posting of meeting notices and designate 24-hour posting location.
	C.	Review and approve Minutes of the December 2, 2019 Special Meeting (enclosure).
II.	PUB	LIC COMMENTS
	A.	

III. FINANCIAL MATTERS

A. Review and ratify approval of payment of claims for the following periods (enclosures):

	Period ending		Period ending		F	Period ending	Period ending		
Fund	Dec. 19, 2019		Jan	January 20, 2020		Feb. 20, 2020	March 20, 2020		
General	\$	16,168.16	\$	15,875.61	\$	22,583.86	\$	13,125.91	
Debt	\$	1,512.50	\$	-0-	\$	-0-	\$	-0-	
Capital	\$	-0-	\$	-0-	\$	1,470.25	\$	5,705.15	
Total	\$	17,680.66	\$	15,875.61	\$	24,054.11	\$	18,831.06	

В.	Review and accept unaudited financial statements through the period endin	ng
	December 31, 2019, and the schedule of cash position statement dated	,
	2020 (to be distributed).	

IV. LEGAL MATTERS

A. Discuss cost sharing for the Chanson Plaza Stormwater Drainage Improvement Project.

V. CAPITAL PROJECTS

A. Review the Chanson Plaza Drainage Alternative Analysis Report provided by Matrix Design Group, Inc (enclosure).

VI. OTHER MATTERS

A.

VII. ADJOURNMENT <u>THE NEXT REGULAR MEETING IS SCHEDULED FOR JUNE</u> 22, 2020

MINUTES OF A SPECIAL MEETING OF THE BOARD OF DIRECTORS OF THE SECTION 14 METROPOLITAN DISTRICT HELD DECEMBER 2, 2019

A special meeting of the Board of Directors of the Section 14 Metropolitan District, Jefferson County and the City and County of Denver, Colorado was duly posted and held on Monday, the 2nd day of December, 2019, at 11:00 a.m., at the offices of Jordon Perlmutter and Co., 1601 Blake Street, Suite 600, Denver, Colorado 80217. The meeting was open to the public.

ATTENDANCE

Directors In Attendance Were:

Jay Perlmutter Jonathan Perlmutter Douglas C. Ernst Kenya Jenkins

Following discussion, upon motion duly made by Director Jay Perlmutter, seconded by Director Jonathan Perlmutter and, upon vote, unanimously carried, the absence of Director Toll, Jr. was excused.

Also In Attendance Were:

Ann Finn and Steve Beck; Special District Management Services, Inc.

MaryAnn M. McGeady, Esq.; McGeady Becher P.C.

DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST

<u>Disclosure of Potential Conflicts of Interest</u>: The Board discussed the requirements pursuant to the Colorado Revised Statutes to disclose any potential conflicts of interest or potential breaches of fiduciary duty to the Board of Directors and to the Secretary of State. Attorney McGeady noted that a quorum was present and requested members of the Board to disclose any potential conflicts of interest with regard to any matters scheduled for discussion at this meeting, and incorporated for the record those applicable disclosures made by the Board members prior to this meeting in accordance with the statute. It was noted that Directors' Disclosure Statements have been filed for all Directors.

ADMINISTRATIVE MATTERS

Agenda: Ms. Finn distributed for the Board's review and approval a proposed Agenda for the District's special meeting.

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Following discussion, upon motion duly made by Director Jay Perlmutter, seconded by Director Jonathan Perlmutter and, upon vote, unanimously carried, the Agenda was approved, as amended.

Minutes: The Board reviewed the Minutes of the July 11, 2019 special meeting.

Following discussion, upon motion duly made by Director Ernst, seconded by Director Jay Perlmutter and, upon vote, unanimously carried, the Board approved the Minutes of the July 11, 2019 special meeting.

Resolution No. 2019-12-01; Resolution Establishing Regular Meeting Dates, Time and Location, Establish District Website, and Designating Locations for Posting of 24-Hour Notices: Ms. Finn discussed with the Board Resolution No. 2019-12-01; Resolution Establishing Regular Meeting Dates, Time and Location, Establish District Website, and Designating Locations for Posting of 24-Hour Notices.

The Board determined to meet at 9:30 a.m. on June 22, 2020 and November 30, 2020 at the offices of Jordon Perlmutter and Co., 1601 Blake Street, Suite 600, Denver, Colorado 80217.

Following discussion, upon motion duly made by Director Jonathan Perlmutter, seconded by Director Ernst and, upon vote, unanimously carried, the Board adopted Resolution No. 2019-12-01; Establishing Regular Meeting Dates, Time and Location, Establishing District Website, and Designating Location for 24–Hour Notices.

§32-1-809, C.R.S., Transparency Notice Reporting Requirements and Mode of Eligible Elector Notification for 2020: The Board discussed §32-1-809, C.R.S., Transparency Notice reporting requirements and mode of eligible elector notification for 2020.

Following discussion, upon motion duly made by Director Jonathan Perlmutter, seconded by Director Jenkins and, upon vote, unanimously carried, the Board determined to post the required transparency notice information on the Special District Association's website and the District website, when created.

FINANCIAL MATTERS

<u>Claims</u>: The Board considered ratifying the approval of the payment of claims as follows:

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		eriod ending	Period ending Period ending		Period ending		
Fund	Ju	ine 17, 2019	July 16, 2019	Aug. 27, 2019		S	ept. 19, 2019
General	\$	27,694.11	\$ 53,470.72	\$	70,089.37	\$	32,769.30
Debt	\$	1,512.50	\$ -0-	\$	-0-	\$	-0-
Capital	\$	-0-	\$ -0-	\$	-0-	\$	-0-
Total	\$	29,206.61	\$ 53,470.72	\$	70,089.37	\$	32,769.30

	Period ending	Period ending				
Fund	Oct. 19, 2019	Nov. 21, 2019				
General	\$ 14,456.58	\$ 27,132.86				
Debt	\$ -0-	\$ -0-				
Capital	\$ -0-	\$ -0-				
Total	\$ 14,456.58	\$ 27,132.86				

Following review, upon motion duly made by Director Ernst, seconded by Director Jenkins and, upon vote, unanimously carried, the Board ratified the approval of the payment of claims as presented.

<u>Unaudited Financial Statements</u>: Mr. Beck reviewed with the Board the unaudited financial statements through the period ending October 31, 2019, and the schedule of cash position statement dated October 31, 2019.

Following review, upon motion duly made by Director Ernst, seconded by Director Jenkins and, upon vote, unanimously carried, the unaudited financial statements for the period ending October 31, 2019 and the schedule of cash position statement dated October 31, 2019 were accepted, as presented.

<u>2019 Audit</u>: The Board reviewed the proposal from Schilling & Company, Inc. to perform the 2019 Audit.

Following discussion, upon motion duly made by Director Ernst, seconded by Director Jenkins and, upon vote, unanimously carried, the Board approved the engagement of Schilling & Company, Inc. to perform the 2019 Audit, for an amount not to exceed \$5,000.

2019 Budget Amendment Hearing: The President opened the public hearing to consider the Resolution to Amend the 2019 Budget and discuss related issues.

Ms. Finn advised the Board that publication of Notice stating that the Board would consider adoption of a Resolution to Amend the 2019 Budget and the date, time and place of the public hearing was made in a newspaper having general circulation within the District. No written objections were received prior to this public hearing. No public comments were received and the public hearing was closed.

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Following review and discussion, Director Jay Perlmutter moved to adopt the Resolution to Amend 2019 Budget, Director Jonathan Perlmutter seconded the motion and, upon vote, unanimously carried, the Board adopted Resolution No. 2019-12-02 to Amend the 2019 Budget. A copy of the adopted Resolution is attached hereto and incorporated herein by this reference.

<u>2020 Budget Hearing</u>: The President opened the public hearing to consider the proposed 2020 Budget and discuss related issues.

Ms. Finn advised the Board that publication of Notice stating that the Board would consider adoption of the 2020 Budget and the date, time and place of the public hearing was made in a newspaper having general circulation within the District. No written objections were received prior to or at this public hearing. No public comments were received and the President closed the public hearing.

Mr. Beck reviewed with the Board the expected revenues and expenditures in the General Fund and the Capital Fund in 2020, noting the Debt Service Fund would not be in the 2020 Budget as the District has paid off its bonds in 2019.

Following discussion, the Board considered the adoption of Resolution No. 2019-11-03 to Adopt the 2020 Budget and Appropriate Sums of Money and Resolution No. 2019-11-04 to Set Mill Levies (for the General Fund at 20.000 mills and the Debt Service Fund at 0.000 mills, for a total of 20.000 mills). Upon motion duly made by Director Jay Perlmutter, seconded by Director Jonathan Perlmutter and, upon vote, unanimously carried, the Resolutions were adopted, as discussed, and execution of the Certification of Budget and Certification of Mill Levies was authorized, subject to receipt of final Certification of Assessed Valuation from the County on or before December 10, 2019. Mr. Beck was authorized to transmit the Certification of Mill Levies to the Division of Local Government not later than December 15, 2019. Mr. Beck was also authorized to transmit the Certification of Budget to the Division of Local Government not later than January 30, 2020. Copies of the adopted Resolutions are attached hereto and incorporated herein by this reference.

<u>DLG-70 Mill Levy Certification Form</u>: The Board considered authorizing the District Accountant to prepare and sign the DLG-70 Mill Levy Certification form for certification to the Board of County Commissioners of Jefferson County and the City and County of Denver Assessor and the Division of Local Government, not later than December 15, 2019.

Following discussion, upon motion duly made by Director Jay Perlmutter, seconded by Director Jonathan Perlmutter and, upon vote, unanimously carried,

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the Board authorized the District Accountant to prepare and sign the DLG-70Mill Levy Certification form for certification to the Board of County Commissioners of Jefferson County and the City and County of Denver Assessor and the Division of Local Government, not later than December 15, 2019.

Preparation of the 2021 Budget: The Board discussed preparation of the 2021 Budget.

Following discussion, upon motion duly made by Director Jay Perlmutter, seconded by Director Jonathan Perlmutter, and upon vote, unanimously carried, the Board appointed the District Accountant to prepare the 2021 Budget.

LEGAL MATTERS

Certified Record of Proceedings of Section 14 Metropolitan District, Jefferson County and City and County of Denver, Colorado Relating to the November 5, 2019 Election: The Board reviewed the Certified Record of Proceedings of Section 14 Metropolitan District, Jefferson County and City and County of Denver, Colorado Relating to the November 5, 2019 election.

Following discussion, upon motion duly made by Director Jonathan Perlmutter, seconded by Director Jay Perlmutter, and upon vote, unanimously carried, the Board ratified the approval of the Certified Record of Proceedings of Section 14 Metropolitan District, Jefferson County and City and County of Denver, Colorado Relating to the November 5, 2019 election.

2020 Election Resolution: Ms. Finn reviewed with the Board Resolution No. 2019-12-04; Resolution Calling a Regular Election for Directors on May 5, 2020, appointing the Designated Election Official ("DEO") and authorizing the DEO to perform all tasks required for the conduct of a mail ballot election.

Following discussion, upon motion duly made by Director Jonathan Perlmutter, seconded by Director Ernst and, upon vote, unanimously carried, the Board adopted Resolution No. 2019-12-04; Resolution Calling a Regular Election for Directors on May 5, 2020, designating the DEO and authorizing the DEO to perform all tasks required for the conduct of a mail ballot election. A copy of the adopted Resolution is attached hereto and incorporated herein by this reference.

<u>Conveyance of the Chanson Plaza Stormwater Drainage Improvement to</u> <u>the District</u>: The Board entered into discussion regarding the possible conveyance of the Chanson Plaza stormwater drainage structure to the District for operation and maintenance. The Board also discussed cost sharing of the repair work with other entities that benefit from the improvement.

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McGeady Becher P.C. District Records Retention Policy: Attorney McGeady presented to the Board an update to the McGeady Becher P.C. Records Retention Policy.

Following discussion, the Board approved the update and directed a copy of the approved the McGeady Becher P.C. Records Retention Policy be attached to the Minutes. Accordingly, a copy of the updated McGeady Becher P.C. Records Retention Policy is attached hereto and incorporated herein by reference.

CAPITAL PROJECTS

<u>Capital Improvement Projects for 2020</u>: The Board entered into discussion regarding possible capital improvement projects for 2020.

<u>Monument Upgrades (Bowles Village)</u>: Director Jonathan Perlmutter provided the Board an update on the Monument Upgrade Project for monuments in the Bowles Village portion of the District.

<u>Stormwater Drainage Structure at Chanson Plaza</u>: The Board entered into discussion regarding repairs to the stormwater drainage structure at Chanson Plaza. Following discussion, the Board directed staff to continue their research on the stormwater drainage issues and work with Matrix Design Group, Inc. on the alternatives for the repair work.

Service Agreement for Chanson Plaza Drainage Alternative Analysis between the District and Matrix Design Group, Inc.: The Board reviewed the Service Agreement for Chanson Plaza Drainage Alternative Analysis between the District and Matrix Design Group, Inc.

Following review and discussion, upon motion duly made by Director Jay Perlmutter, seconded by Director Jenkins and, upon vote, unanimously carried, the Board approved the Service Agreement for Chanson Plaza Drainage Alternative Analysis between the District and Matrix Design Group, Inc. for the amount of \$23,140.00, to be provided on a time and materials basis to not exceed \$23,140.00.

OTHER MATTERS

There were no other matters to discuss at this time.

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There being no further business to come before the Board at this time, upon motion duly made, seconded and, upon vote, unanimously carried, the meeting was adjourned.

Respec	etfully submitted,
By:	
<u> </u>	Secretary for the Meeting

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RESOLUTION NO. 2019 - 12 - 01

RESOLUTION OF THE BOARD OF DIRECTORS OF THE SECTION 14 METROPOLITAN DISTRICT ESTABLISHING REGULAR MEETING DATES, TIME, AND LOCATION, [ESTABLISHING DISTRICT WEBSITE] AND DESIGNATING LOCATION FOR POSTING OF 24-HOUR NOTICES

- A. Pursuant to Section 32-1-903, C.R.S., special districts are required to designate a schedule for regular meetings, indicating the dates, time and location of said meetings.
- B. Pursuant to Section 24-6-402(2)(c)(I), C.R.S., special districts are required to designate annually at the board of directors of the district's first regular meeting of each calendar year, the public place at which notice of the date, time and location of regular and special meetings ("Notice of Meeting") will be physically posted at least 24 hours prior to each meeting ("Designated Public Place"). A special district is deemed to have given full and timely notice of a regular or special meeting if it posts its Notice of Meeting at the Designated Public Place at least 24 hours prior to the meeting.
- C. Pursuant to Section 24-6-402(2)(c)(III), C.R.S., special districts are relieved of the requirement to post the Notice of Meeting at the Designated Public Place, and are deemed to have given full and timely notice of a public meeting, if a special district posts the Notice of Meeting online at a public website of the special district ("District Website") at least 24 hours prior to each regular and special meeting
- D. Pursuant to Section 24-6-402(2)(c)(III), C.R.S., if a special district is unable to post a Notice of Meeting on the District Website at least 24 hours prior to the meeting due to exigent or emergency circumstances, then it must physically post the Notice of Meeting at the Designated Public Place at least 24 hours prior to the meeting.
- E. Pursuant to Section 32-1-903, C.R.S., all special and regular meetings of the board shall be held at locations which are within the boundaries of the district or which are within the boundaries of any county in which the district is located, in whole or in part, or in any county so long as the meeting location does not exceed twenty (20) miles from the district boundaries unless such provision is waived.
- F. The provisions of Section 32-1-903, C.R.S., may be waived if: (1) the proposed change of location of a meeting of the board appears on the agenda of a regular or special meeting; and (2) a resolution is adopted by the board stating the reason for which a meeting is to be held in a location other than under Section 32-1-903(1), C.R.S., and further stating the date, time and place of such meeting.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Section 14 Metropolitan District (the "District"), Jefferson and Denver County, Colorado:

1. That the provisions of Section 32-1-903(1), C.R.S., be waived pursuant to the adoption of this Resolution.

- 2. That the Board of Directors (the "District Board") has determined that conducting regular and special meetings pursuant to Section 32-1-903(1), C.R.S., would be inconvenient and costly for the directors and consultants of the District in that they live and/or work outside of the twenty (20) mile radius requirement.
- 3. That regular meetings of the District Board for the year 2020 shall be held on June 22, 2020 and November 30, 2020 at 9:30 a.m.
- , at the offices of Jordon Perlmutter & Co., 1601 Blake Street, Suite 600, Denver, Colorado 80217.
- 5. That special meetings of the District Board shall be held as often as the needs of the District require, upon notice to each director.
- 6. That, until circumstances change, and a future resolution of the District Board so designates, the location of all special and regular meetings of the District Board shall appear on the agenda(s) of said special and regular meetings.
- 7. That the residents and taxpaying electors of the District shall be given an opportunity to object to the meeting(s) location(s), and any such objections shall be considered by the District Board in setting future meetings.
- 8. That the District Board authorizes establishment of a District Website, if such District Website does not already exist, in order to provide full and timely notice of regular and special meetings of the District Board online pursuant to the provisions of Section 24-6-402(2)(c)(III), C.R.S.
- 9. That, if the District has established a District Website, the Notice of Meeting of the District Board shall be posted on the District Website at least 24 hours prior to each regular and special meeting pursuant to Section 24-6-402(2)(c)(III), C.R.S. and Section 32-1-903(2), C.R.S.
- 10. That, if the District has not yet established a District Website or is unable to post the Notice of Meeting on the District Website at least 24 hours prior to each meeting due to exigent or emergency circumstances, the Notice of Meeting shall be posted within the boundaries of the District at least 24 hours prior to each meeting, pursuant to Section 24-6-402(2)(c)(I) and (III), C.R.S., at the following Designated Public Place:
- (a) Bowles Village Shopping Center, 7421 W. Bowles Ave., Littleton, CO 80123
- Special District Management Services, Inc., or his/her designee, is hereby appointed to post the above-referenced notices.

[SIGNATURE PAGE FOLLOWS]

[SIGNATURE PAGE TO RESOLUTION ESTABLISHING REGULAR MEETING DATES, TIME, AND LOCATION, [ESTABLISHING DISTRICT WEBSITE] AND DESIGNATING LOCATION FOR 24-HOUR NOTICES]

RESOLUTION APPROVED AND ADOPTED on Docember 2, 2019.

SECTION 14 METROPOLITAN DISTRICT

By

President

Attest:

Secretary

RESOLUTION TO AMEND 2019 BUDGET SECTION 14 METROPOLITAN DISTRICT

WHEREAS, the Board of Directors of the Section 14 Metropolitan District adopted an amended budget and appropriated funds for the fiscal year 2019 as follows:

General Fund	\$ 726,590
Debt Service Fund	\$ 1,063,475
Capital Projects Fund	\$ 384,494

WHEREAS, the necessity has arisen for additional expenditures in the General Fund and Capital Projects Fund requiring the unanticipated expenditure of funds in excess of those appropriated for the fiscal year 2019; and

WHEREAS, the expenditure of such funds is a contingency which could not have been reasonably foreseen at the time of adoption of the budget; and

WHEREAS, funds are available for such expenditures in the General Fund from the ending fund balance.

WHEREAS, funds are available for such expenditures in the Capital Projects Fund from the ending fund balance.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Section 14 Metropolitan District shall and hereby does amend the adopted Budget for the fiscal year 2019 and adopts a supplemental budget and appropriation for the General Fund for the fiscal year 2017, as follows:

General Fund	\$ 833,578
Capital Projects Fund	\$ 425,000

BE IT FURTHER RESOLVED, that such sums are hereby appropriated from the revenues of the District to the proper funds for the purposes stated.

DATED this 2nd day of December, 2019.

SECTION	14 METROPOLITAN DISTRICT
By:	Secretary

RESOLUTION NO. 2019 - 12 - 63 A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SECTION 14 METROPOLITAN DISTRICT TO ADOPT THE 2020 BUDGET AND APPROPRIATE SUMS OF MONEY

WHEREAS, the Board of Directors of the Section 14 Metropolitan District ("District") has appointed the District Accountant to prepare and submit a proposed 2020 budget to the Board at the proper time; and

WHEREAS, the District Accountant has submitted a proposed budget to this Board on or before October 15, 2019, for its consideration; and

WHEREAS, upon due and proper notice, published or posted in accordance with the law, said proposed budget was open for inspection by the public at a designated place, a public hearing was held on December 2, 2019, and interested electors were given the opportunity to file or register any objections to said proposed budget; and

WHEREAS, the budget has been prepared to comply with all terms, limitations and exemptions, including, but not limited to, reserve transfers and expenditure exemptions, under Article X, Section 20 of the Colorado Constitution ("TABOR") and other laws or obligations which are applicable to or binding upon the District; and

WHEREAS, whatever increases may have been made in the expenditures, like increases were added to the revenues so that the budget remains in balance, as required by law.

WHEREAS, the Board of Directors of the District has made provisions therein for revenues in an amount equal to or greater than the total proposed expenditures as set forth in said budget; and

WHEREAS, it is not only required by law, but also necessary to appropriate the revenues provided in the budget to and for the purposes described below, as more fully set forth in the budget, including any interfund transfers listed therein, so as not to impair the operations of the District.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Section 14 Metropolitan District:

- 1. That the budget as submitted, amended, and summarized by fund, hereby is approved and adopted as the budget of the Section 14 Metropolitan District for the 2020 fiscal year.
- 2. That the budget, as hereby approved and adopted, shall be certified by the Secretary of the District to all appropriate agencies and is made a part of the public records of the District.

3. That the sums set forth as the total expenditures of each fund in the budget attached hereto as **EXHIBIT A** and incorporated herein by reference are hereby appropriated from the revenues of each fund, within each fund, for the purposes stated.

ADOPTED this 2nd day of December, 2019.



Secretary

EXHIBIT A (Budget)

2020 Budget Message

Introduction

Section 14 Metropolitan District (the "District") was formed in 1987 for the purpose of providing streets, associated safety protection facilities, storm drainage and irrigation facilities, sanitary sewer and water facilities, and landscaping improvements. All services are provided for property owners located within District boundaries.

The District consists of approximately 177 acres located in Jefferson County, City and County of Denver, and the City of Lakewood.

Under agreement with various jurisdictions, a majority of improvements have been dedicated to the respective jurisdictions.

The 2020 budget was prepared in accordance with the Local Government Budget Law of Colorado. The budget reflects the projected spending plan for the 2020 fiscal year based on available revenues. This budget provides for the general operation of the District and reimbursement of capital expenses.

Current District

The District's assessed value of non-excluded property increased 7.09% to \$54,053,065 in 2019. The District's total mill levy is to 20.465 mills including refunds and abatements with all 20.465 mills dedicated to the General Fund for tax collected in the 2020 fiscal year.

Exclusions

The District has excluded four parcels of real property from its boundaries ("Excluded Parcels"). The Excluded Parcels were responsible for servicing debt on the Series 2000 General Obligation Variable Rate Refunding Bonds. The mill levies for the Excluded Parcels were adjusted annually based on each exclusion's responsible share of the annual debt service. As of December 1, 2019 the District has no General Obligation Long-Term Debt. The Westlake/Fairmark and Jefferson 1994 Exclusions have a mill levy of 0.000 and the Villages at Raccoon Creek and Grant Ranch Cove Exclusions have a mill levy of 0.000 mills.

Budgetary Basis of Accounting

The District uses funds to budget and report on the financial position and results of operations. Fund accounting is designed to demonstrate legal compliance and to aid financial management by segregating transactions related to certain governmental functions. The various funds determine the total District budget. All of the District's funds are considered governmental funds and are reported using the current financial resources and the modified accrual basis of accounting. Revenues are recognized when they are measurable and available. Revenues are considered available when they are collectible within the current period. For this purpose, the District considers revenues to be available if they are collected within 60 days of the end of the current fiscal period. Expenditures, other than the interest on long term obligations, are recorded when the

liability is incurred or the long-term obligation paid.

Fund Summaries

The General Fund is used to account for resources traditionally associated with government such as property taxes, specific ownership tax and expenditures which include district administration, legal services, and other expenses related to statutory operations of a local government. The District retains the services of a contract administrator to provide the on-going management of the District. No change in the level of services from the current year is proposed. In 1999, the District began contributing to the landscape maintenance responsibilities and anticipates that the level of service will continue to increase in the years ahead. The District contributes for maintenance of monuments and landscape improvements.

The **Debt Service Fund** is used to account for property taxes and other revenues dedicated to pay the fiscal year's debt expense which includes principal payments, interest payments, and administrative costs associated with debt obligations. As of December 1, 2019, the District does not have any General Obligation Long-Term Debt.

The Capital Projects Fund is used to account for revenues and expenditures for reimbursement of capital projects. In 2020, the Board budgeted for a developer reimbursement in the amount of \$380,000 for capital projects, pursuant to the Project Funding and Reimbursement Agreement.

Emergency Reserve

As required by Section 20 of Article X of the Colorado Constitution, the District has provided for an Emergency Reserve in the amount of 3% of the total fiscal year revenues in the General Fund.

SECTION 14 METROPOLITAN DISTRICT Assessed Value, Property Tax and Mill Levy Information

		2018 Actual		2019 opted Budget	2020 Adopted Budget		
Assessed Valuation		40.757.006	•	41 154 072	\$	42,890,765	
Jefferson County	\$	42,757,296 9,583,720	\$	41,154,972 9,315,930	Φ	11,162,300	
Denver County Sub Total Assessed Valuation	-	52,341,016		50,470,902	_	54,053,065	
Assessed Valuation Exclusions							
Jefferson Exclusions:						0.011.001	
Jefferson-1994		4,886,852		4,915,422		5,783,353	
Grant Ranch Cove-04		3,672,778		3,689,155		3,985,184	
Denver Exclusions:		100000		122123			
Westlake (Fairmark)		4,806,530		4,598,240		5,647,680	
Villages at Raccoon Creek		3,762,240		3,592,890		3,842,370	
Sub Total Assessed Valuations Exclusions		17,128,400		16,795,707		19,258,587	
TOTAL ASSESSED VALUATIONS	\$	69,469,416	\$	67,266,609	\$	73,311,652	
Mill Levy						10.023	
General Fund		9.857		7.519		20.000	
Temporary Mill Levy Reduction		0.000		0:000		0.000	
Refunds and Abatements		0.000		0.000		0.000	
Denver		0.000		0.000		0.000	
Denver - Villages at Raccoon Creek		0.000		0.134		0.465	
Jefferson Jefferson - Exclusion 1994		0.000		0.000		0.000	
Jefferson - Grant Ranch Cove		0.000		0.000		0.000	
Debt Service Fund							
Denver		13.812		16.150		0.000	
Denver - Westlake aka Fairmark		4.976		5.819		0.000	
Denver - Villages at Raccoon Creek		13.812		16.150		0.000	
Jefferson		13.812		16.150		0.000	
Jefferson - Exclusion 1994		4.976		5.819		0.000	
Jefferson - Exclusion Grant Ranch Cove		13.812		16.150		0.000	
Combined Total Mill Levy-Jefferson/Denver ONLY	_	23.669		23.669		20.465	
Property Taxes						8.443.450	
General Fund	\$	515,926		379,490	\$	1,081,061	
Debt Service Fund		722,934		815,105			
Debt Service Fund Exclusions		150,926		172,965		(1)	
Temporary Mill Levy Reduction		₩		127		- 02 24	
Refunds and Abatements		1,685		5,515		19,944	
Actual/Budgeted Property Taxes	\$	1,391,471	\$	1,373,075	\$	1,101,005	

GENERAL FUND 2020 Adopted Budget with 2018 Actual, 2019 Adopted Budget, and 2019 Estimated

	2018 Actual	2019 Estimated	2020 Adopted Budget
BEGINNING FUND BALANCE	\$ 463,606	\$ 828,395	\$ 611,351
REVENUE			
Property Taxes - Denver	92,260	94,467	223,246
Property Taxes - Jeff. Cty.	408,863	421,459	877,759
Specific Ownership Taxes	118,881	86,608	86,608
nterest Income	16,067	14,000	5,001
Total Revenue	636,071	616,534	1,192,614
Total Funds Available	1,099,677	1,444,929	1,803,965
EXPENDITURES			
Vessunting	11,261	11,200	12,000
Accounting	8,443	9,000	12,000
District Management Audit	5,685	5,685	6,000
Director's Fees	800	1,600	2,300
Dues & Subscriptions	000	1,000	600
Election Expense	998	3,000	1,000
nsurance	5,740	5,740	7,300
egal	9,293	20,000	25,000
egal Publications	68	100	100
discellaneous Expenses	288	1,000	1,000
C&C of Denver Annual Fee	3,000	3,000	3,000
Payroll Taxes	61	62	176
Treasurer's Fees	7,092	7,739	16,515
Utilities	109,366	110,000	110,000
andscape Maintenance	109,188	110,000	115,000
Contingency	1000	81,230	85,000
Emergency Reserves		18,225	35,778
Total Expenditures	271,282	387,581	432,769
Transfers and Other Uses			
		120.00	102213
Transfer to Capital		423,202	1,332,454
Transfer to Debt Service		22,795	177 51
Total Expenditures Requiring Appropriation	271,282	833,578	1,765,223
ENDING FUND BALANCE	\$ 828,395	\$ 611,351	\$ 38,742

DEBT SERVICE FUND 2020 Adopted Budget with 2018 Actual, 2019 Adopted Budget, and 2019 Estimated

		2018 Actual	2019 Estimated	2020 Adopted Budget
BEGINNING FUND BALANCE	\$	229,836	\$ 44,394	\$
REVENUE				
Property Taxes - Denver		128,049	150,452	1
Property Taxes - Jeff. Cty.		575,058	670,168	
Prty Taxes - Ex Denver		72,807 75,758	84,782 88,183	
Prty Taxes - Ex Jeff. Cty. Interest Income		14,465	2,380	
Transfer from General Fund	*	63,155	22,795	
Total Revenue		866,137	1,018,760	
Total Funds Available	_	1,095,973	1,063,154	
EXPENDITURES				
Bond Principal 2000		940,000	995,000	
Bond Interest 2000		96,750	49,750	
Trustee/Paying Agent Fees Treasurer's Fees		3,025 11,804	3,500 14,904	
Total Expenditures	_	1,051,579	1,063,154	
Total Expenditures Requiring Appropriation		1,051,579	1,063,154	
ENDING FUND BALANCE	\$	44,394	\$ 	\$

CAPITAL PROJECTS FUND 2020 Adopted Budget with 2018 Actual, 2019 Adopted Budget, and 2019 Estimated

		2018 Actual	2019 Estimated	2020 Adopted Budget
BEGINNING FUND BALANCE	\$	1,769	\$ 1,783	\$ 1.
REVENUE				
Interest Income Transfer from General Fund		14	15 423,202	1,332,454
Total Revenue		14	423,217	1,332,469
Total Funds Available		1,783	425,000	1,332,469
EXPENDITURES				
Reimbrse developer- cap. proj. Management		-	380,000 10,000	380,000 10,000
Legal Engineering		7	15,000 20,000	30,000 30,000
Storm Drainage Improvements Contingency		1,4%		200,000 1,799
Total Expenditures	_	1	425,000	651,799
Total Expenditures Requiring Appropriation		130	425,000	651,799
ENDING FUND BALANCE	\$	1,783	\$	\$ 680,670

I, Ann E. Finn, hereby certify that I am the duly appointed Secretary of the Section 14 Metropolitan District, and that the foregoing is a true and correct copy of the budget for the budget year 2020, duly adopted at a meeting of the Board of Directors of the Section 14 Metropolitan District held on December 2, 2019.

By: Co Secretary

RESOLUTION NO. 2019 - 12 - 24 A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SECTION 14 METROPOLITAN DISTRICT TO SET MILL LEVIES

WHEREAS, the Board of Directors of the Section 14 Metropolitan District ("District") has adopted the 2020 annual budget in accordance with the Local Government Budget Law on December 2, 2019; and

WHEREAS, the adopted budget is attached to the Resolution of the Board of Directors to Adopt the 2020 Budget and Appropriate Sums of Money, and such budget is incorporated herein by this reference; and

WHEREAS, the amount of money necessary to balance the budget for general fund expenses from property tax revenue is identified in the budget; and

WHEREAS, the amount of money necessary to balance the budget for debt service fund expenses from property tax revenue is identified in the budget; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of Section 14 Metropolitan District:

- 1. That for the purposes of meeting all general fund expenses of the District during the 2020 budget year, the District determined to levy mills upon each dollar of the total valuation for assessment of all taxable property within the District, as set forth in the budget, to raise the required revenue.
- 2. That for the purposes of meeting all debt service fund expenses of the District during the 2020 budget year, the District determined to levy mills upon each dollar of the total valuation for assessment of all taxable property within the District, as set forth in the budget, to raise the required revenue.
- 3. That the District Accountant of the District is hereby authorized and directed to immediately certify to the City Council of the City and County of Denver and the County Commissioners of Jefferson County, Colorado, the mill levies for the District as set forth in the District's Certifications of Tax Levies (attached hereto as **EXHIBIT A** and incorporated herein by reference), recalculated as needed upon receipt of the final certification of valuation from the County Assessors in order to comply with any applicable revenue and other budgetary limits.

ADOPTED this 2nd day of December, 2019.



Secretary

EXHIBIT A (Certification of Tax Levies)

64181

CERTIFICATION OF TAX LEVIES for NON-SCHOOL Governments

то	: County Commissioners ¹ of	Y-125	Jefferson County			, Colora	ado.
Oı	behalf of the	Section 14	Metropolitan Distric	:t			
	7 500000 50 900		(taxing entity) ^A				
	the		ard of Directors				
		1074	(governing body) ^B				
	of the		4 Metropolitan Distr	ict			
		(local government) ^C				
to b	reby officially certifies the following mine levied against the taxing entity's GRO essed valuation of:	SS \$	\$4 assessed valuation, Line 2 of	2,890,765	tion of Valu	ustion Form DLG	: 57 ^E \
	e: If the assessor certified a NET assessed valua		assessed valuation, Line 2 (n the Certifica	tion of vait	iation Form DEG	31)
(AV) different than the GROSS AV due to a Tax	1914		2 200 765			
	ement Financing (TIF) Area ^F the tax levies must ulated using the NET AV. The taxing entity's to	be \$	assessed valuation, Line 4 o	2,890,765		otion Form DLC	671
prop	erty tax revenue will be derived from the mill le ciplied against the NET assessed valuation of:	vy USE VAI	LUE FROM FINAL CERT BY ASSESSOR NO I	TFICATION	OF VALU	ATION PROVI	DED
	omitted: 12/13/2019	fo	r budget/fiscal yea		2020		
(no la	ater than Dec. 15) (mm/dd/yyyy)				(уууу)		
	PURPOSE (see end notes for definitions and example	es)	LEVY ²		R	EVENUE ²	1
1.	General Operating Expenses ^H		20.000	mills	\$	857,815	
2.	<minus> Temporary General Property Temporary Mill Levy Rate Reduction¹</minus>	Tax Credit/	< 0.000	_ mills	\$ <	0	>
	SUBTOTAL FOR GENERAL OPER	ATING:	20.000	mills	\$	857,815	
3.	General Obligation Bonds and Interest ^J			mills	\$		
4.	Contractual Obligations ^K		0.000	mills	\$	0	
5.	Capital Expenditures ^L		0.000	mills	\$	0	
6.	Refunds/Abatements ^M		.465	mills	\$	19,944	
7.	Other ^N (specify):		0.000	mills	\$	0	
			0.000	mills	\$	0	_
	TOTAL: Sum of C	General Operating and Lines 3 to 7	20.465	mills	\$	877,759	
Cor	ntact person: James Steven E	Beck	Daytime phone: (303		987-0835	Ext. 206	
	ned:	-	Title:		ict Acco	untant	
D12	inci.					NATURE PROPERTY.	

DLG 70 (Rev.6/16)

¹ If the taxing entity's boundaries include more than one county, you must certify the levies to each county. Use a separate form for each county and certify the same levies uniformly to each county per Article X, Section 3 of the Colorado Constitution. ² Levies must be rounded to three decimal places and revenue must be calculated from the total NET assessed valuation (Line 4 of Form DLG57 on the County Assessor's FINAL certification of valuation).

CERTIFICATION OF TAX LEVIES, continued

THIS SECTION APPLIES TO TITLE 32, ARTICLE 1 SPECIAL DISTRICTS THAT LEVY TAXES FOR PAYMENT OF GENERAL OBLIGATION DEBT (32-1-1603 C.R.S.). Taxing entities that are Special Districts or Subdistricts of Special Districts must certify separate mill levies and revenues to the Board of County Commissioners, one each for the funding requirements of each debt (32-1-1603, C.R.S.) Use additional pages as necessary. The Special District's or Subdistrict's total levies for general obligation bonds and total levies for contractual obligations should be recorded on Page 1, Lines 3 and 4 respectively.

CERTIFY A SEPARATE MILL LEVY FOR EACH BOND OR CONTRACT:

BON 1.	Purpose of Issue:			
	Series:			
	Date of Issue:			
	Coupon Rate:			
	Maturity Date:			
	Levy:			
	Revenue:			
2.	Purpose of Issue:			
	Series:			
	Date of Issue:			
	Coupon Rate:			
	Maturity Date:			
	Levy:			
	Revenue:			
CON	TRACTS ^k :			
3.				
	Title:			
	Date:			
	Principal Amount:			
	Maturity Date:			
	Levy:			
	Revenue:			
4.	Purpose of Contract:			
	Title:			
	Date:			
	Principal Amount:			
	Maturity Date:			
	Levy:			
	Revenue:			

Use multiple copies of this page as necessary to separately report all bond and contractual obligations per 32-1-1603, C.R.S.

64181

CERTIFICATION OF TAX LEVIES for NON-SCHOOL Governments

то	: County Commission	ners ¹ of	Je	efferson Cou	nty			, Color	ado.
Or	behalf of the	Section 14 Met	ropolitan	District (Bor	nds only) E	X 94-4	806		
	V 3/0/40 00 00 0			axing entity)A					
	the			rd of Directo	rs				
				overning body) B					
	of the	S		Metropolita					
	2000 2010 2010 2010	1 4 1 w 2	(lo	cal government)					
	eby officially certifie				\$5,78	3.353			
	e levied against the ta essed valuation of:	(GROSS ^D a	ssessed valuation,			tion of Valua	tion Form DLC	3 57 ^E)	
		a NET assessed valuation	121120470		700				
(AV) different than the GROS	S AV due to a Tax			\$5,78	3.353			
	ement Financing (11F) Are ulated using the NET AV.	ea ^F the tax levies must be \$ The taxing entity's total	(NET ^G as	sessed valuation,		CONTRACTOR OF THE PARTY OF THE	ion of Valuat	on Form DLG	57)
prop	erty tax revenue will be d	erived from the mill levy		UE FROM FINA BY ASSESSO	L CERTIFIC	CATION	OF VALUA	TION PROVI	
	iplied against the NET ass	12/13/2019	for	budget/fisc			2020		
	omitted: ster than Dec. 15)	(mm/dd/yyyy)		budget/11sc	ai yeai _		(уууу)		
	PURPOSE (see end note	s for definitions and examples)		LEV	Y^2		RI	EVENUE	2
1.	General Operating Ex	American (a)		0.00	00 r	nills	\$	0	
2.	<minus> Temporary Temporary Mill Levy</minus>	General Property Tax C y Rate Reduction ¹	redit/	< 0.00	0 > r	nills	\$<	0	>
	SUBTOTAL FOR	GENERAL OPERATIN	G:	0.00	00 1	nills	\$	0	
3.	General Obligation E	Sonds and Interest ^J		0.00	00 r	nills	\$	0	
4.	Contractual Obligation	ons ^K		0.00	00 r	nills	\$	0	
5.	Capital Expenditures	L		0.00	00 r	nills	\$	0	
6.	Refunds/Abatements	М		0.00	001	nills	\$	0	
7.	Other ^N (specify):			0.00	001	nills	\$	0	
				0.00	1 00	nills	\$	0	
	Т	OTAL: Sum of General O	perating 1	0.00	00	nills	s	0	
	ntact person:	James Steven Beck		Daytime phone:	(303)		987-0835	Ext. 206	
		- Company		- Phone.	()	(50.5		Mar. 1741	
(pr	ned:	X. ///		Title:		Dist	ict Accou	ntant	

Form DLG57 on the County Assessor's FINAL certification of valuation).

¹ If the taxing entity's boundaries include more than one county, you must certify the levies to each county. Use a separate form for each county and certify the same levies uniformly to each county per Article X, Section 3 of the Colorado Constitution. ² Levies must be rounded to three decimal places and revenue must be calculated from the total NET assessed valuation (Line 4 of

CERTIFICATION OF TAX LEVIES, continued

THIS SECTION APPLIES TO TITLE 32, ARTICLE 1 SPECIAL DISTRICTS THAT LEVY TAXES FOR PAYMENT OF GENERAL OBLIGATION DEBT (32-1-1603 C.R.S.). Taxing entities that are Special Districts or Subdistricts of Special Districts must certify separate mill levies and revenues to the Board of County Commissioners, one each for the funding requirements of each debt (32-1-1603, C.R.S.) Use additional pages as necessary. The Special District's or Subdistrict's total levies for general obligation bonds and total levies for contractual obligations should be recorded on Page 1, Lines 3 and 4 respectively.

CERTIFY A SEPARATE MILL LEVY FOR EACH BOND OR CONTRACT:

BOI	NDS ^J :	
1.	Purpose of Issue:	
	Series:	
	Date of Issue:	
	Coupon Rate:	
	Maturity Date:	
	Levy:	
	Revenue:	
2.	Purpose of Issue:	
	Series:	
	Date of Issue:	
	Coupon Rate:	
	Maturity Date:	
	Levy:	
	Revenue:	
CO	NTRACTS ^k :	
3.	Purpose of Contract:	
	Title:	
	Date:	
	Principal Amount:	
	Maturity Date:	
	Levy:	
	Revenue:	
4.	Purpose of Contract:	
	Title:	
	Date:	
	Principal Amount:	
	Maturity Date:	
	Levy:	
	Revenue:	

Use multiple copies of this page as necessary to separately report all bond and contractual obligations per 32-1-1603, C.R.S.

CERTIFICATION OF TAX LEVIES for NON-SCHOOL Governments

то	: County Commiss	ioners ¹ of	J	efferson County			, Colo	rado.
O	n behalf of the	Section 14 Metropolitan	District (Bonds only) EX-04-	4807 Grant	Ranch C	ove	
	77. 74. 74. 75. 74. 5		(ta	ixing entity)A				
	the		1.73	rd of Directors				
				overning body) ^B				
	of the	S		Metropolitan Distr	rict			
	1		(lo	cal government) ^C				
	그리 경우를 가득하는 그림으로 그렇게 걸어가 되었다. 하게 되어 되었다.	ies the following mills		5	3,985,184			
	essed valuation of:	taxing entity's GROSS \$	(GROSS ^D a	ssessed valuation, Line 2	TA POLICE CO.	tion of Valua	tion Form DL0	G 57 ^E)
		ed a NET assessed valuation	(4,114,5			25 / 70	011111111111111111111111111111111111111	101.4
(AV	different than the GRO	OSS AV due to a Tax		5	3,985,184			
		Area ^F the tax levies must be \$ V. The taxing entity's total	(NET ^G as	sessed valuation, Line 4 c		ion of Valuat	ion Form DLC	57)
prop	perty tax revenue will be	derived from the mill levy	USE VALU	E FROM FINAL CER BY ASSESSOR NO	FIFICATION	OF VALUA	TION PROV	IDED
	tiplied against the NET about the NET and the NET a	12/13/2019	for	budget/fiscal yea		2020	ak 10	
	ater than Dec. 15)	(mm/dd/yyyy)	101	budget/fiscal yea		(уууу)		
	PURPOSE (see end no	otes for definitions and examples)		LEVY ²		RI	EVENUE	2
1.	General Operating	Expenses ^H		0.000	mills	\$	0	
2.	<minus> Tempora Temporary Mill Le</minus>	ry General Property Tax C vy Rate Reduction ¹	redit/	< 0.000	>_mills	\$<	0	>
	SUBTOTAL FO	R GENERAL OPERATIN	G:	0.000	mills	\$	0	
3.	General Obligation	Bonds and Interest ^J		0.000	mills	\$	0	
4.	Contractual Obliga	tions ^K		0.000	mills	\$	0	
5.	Capital Expenditur	es ^L		0.000	mills	\$	0	
6.	Refunds/Abatemen	ts ^M		0.000	mills	\$	0	
7.	Other ^N (specify):	Y''		0.000	mills	\$	0	
				0.000	mills	\$	0	
		TOTAL: Sum of General O	perating s 3 to 7	0.000	mills	s	0	
	ntact person:	James Steven Beck		Daytime phone: (303	3)	987-0835	Ext. 206	
		Se Do		Title:		ict Accou	ntant	
019	med:	The the		Title.	DISCI	ice Accou	rearre	

Page 1 of 4

¹ If the taxing entity's boundaries include more than one county, you must certify the levies to each county. Use a separate form for each county and certify the same levies uniformly to each county per Article X, Section 3 of the Colorado Constitution. ² Levies must be rounded to three decimal places and revenue must be calculated from the total NET assessed valuation (Line 4 of Form DLG57 on the County Assessor's FINAL certification of valuation).

CERTIFICATION OF TAX LEVIES, continued

THIS SECTION APPLIES TO TITLE 32, ARTICLE 1 SPECIAL DISTRICTS THAT LEVY TAXES FOR PAYMENT OF GENERAL OBLIGATION DEBT (32-1-1603 C.R.S.). Taxing entities that are Special Districts or Subdistricts of Special Districts must certify separate mill levies and revenues to the Board of County Commissioners, one each for the funding requirements of each debt (32-1-1603, C.R.S.) Use additional pages as necessary. The Special District's or Subdistrict's total levies for general obligation bonds and total levies for contractual obligations should be recorded on Page 1, Lines 3 and 4 respectively.

CERTIFY A SEPARATE MILL LEVY FOR EACH BOND OR CONTRACT:

BON	NDS ^J :			
1.	Purpose of Issue:			
	Series:			
	Date of Issue:			
	Coupon Rate:			
	Maturity Date:			
	Levy:	-		
	Revenue:			
2.	Purpose of Issue:			
	Series:			
	Date of Issue:			
	Coupon Rate:			
	Maturity Date:			
	Levy:			
	Revenue:			
CON	NTRACTS ^k :			
3.	Purpose of Contract:			
	Title:			
	Date:			
	Principal Amount:			
	Maturity Date:			
	Levy:			
	Revenue:			
4.	Purpose of Contract:			
	Title:			
	Date:			
	Principal Amount:			
	Maturity Date:			
	Levy:			
	Revenue:			

Use multiple copies of this page as necessary to separately report all bond and contractual obligations per 32-1-1603, C.R.S.

64181

CERTIFICATION OF TAX LEVIES for NON-SCHOOL Governments

TO: County Commissi	ioners ¹ of	City and County of Denver	HEI		, Colora	ado.	
On behalf of the	Sectio	14 Metropolitan District					
		(taxing entity) ^A					
the		Board of Directors					
1.65	Acces	(governing body) ^B					
of the	Secti	on 14 Metropolitan Distric	t				
SS SERVICE AND THE		(local government) ^C					
Hereby officially certif	taxing entity's GROSS \$	11.	162,300				
assessed valuation of:	(GR	OSS ^D assessed valuation, Line 2 of t		tion of Valu	uation Form DLG	57 ^E)	
	ed a NET assessed valuation						
(AV) different than the GRO Increment Financing (TIF)		11.1	162,300				
calculated using the NET A		ETG assessed valuation, Line 4 of the	and the same of th	on of Valu	ation Form DLG :	57)	
property tax revenue will be	derived from the mill levy US	E VALUE FROM FINAL CERTIF BY ASSESSOR NO LA	TICATION	OF VALU	ATION PROVII	DED	
multiplied against the NET a Submitted:	12/13/2019	for budget/fiscal year		2020	JAN 10		
(no later than Dec. 15)	(mm/dd/yyyy)	_ for budget/fiscal year		(уууу)			
PURPOSE (see end no	otes for definitions and examples)	LEVY ²		R	EVENUE ²		
1. General Operating	Expenses ^H	20.000	mills	\$	223,246		
2. <minus></minus> Tempora Temporary Mill Le	ry General Property Tax Credi	0.000	mills	\$ <	0	>	
SUBTOTAL FO	OR GENERAL OPERATING:	20.000	mills	\$	223,246		
3. General Obligation	Bonds and Interest ^J		mills	\$			
4. Contractual Obliga	tions ^K	0.000	mills	\$	0		
5. Capital Expenditure	es ^L	0.000	mills	\$	0		
6. Refunds/Abatemen	ts ^M	0.000	mills	\$	0		
7. Other ^N (specify):		0.000	mills	\$	0		
		0.000	_mills	\$	0		
	TOTAL: Sum of General Operati	ng 7 20.00	mills	\$	223,246		
Contact person:	James Steven Beck	Daytime phone: (303)	9	987-0835	i Ext. 206		
(print)	The state of the s	Pilotio.					
(print) Signed:	Stu Ble	Title:	Distri	ict Acco	untant		

for each county and certify the same levies uniformly to each county per Article X, Section 3 of the Colorado Constitution. ² Levies must be rounded to three decimal places and revenue must be calculated from the total NET assessed valuation (Line 4 of Form DLG57 on the County Assessor's FINAL certification of valuation).

Page 1 of 4 DLG 70 (Rev.6/16)

¹ If the taxing entity's boundaries include more than one county, you must certify the levies to each county. Use a separate form

CERTIFICATION OF TAX LEVIES, continued

THIS SECTION APPLIES TO TITLE 32, ARTICLE 1 SPECIAL DISTRICTS THAT LEVY TAXES FOR PAYMENT OF GENERAL OBLIGATION DEBT (32-1-1603 C.R.S.). Taxing entities that are Special Districts or Subdistricts of Special Districts must certify separate mill levies and revenues to the Board of County Commissioners, one each for the funding requirements of each debt (32-1-1603, C.R.S.) Use additional pages as necessary. The Special District's or Subdistrict's total levies for general obligation bonds and total levies for contractual obligations should be recorded on Page 1, Lines 3 and 4 respectively.

CERTIFY A SEPARATE MILL LEVY FOR EACH BOND OR CONTRACT:

BOI	NDS ³ :	
1.	Purpose of Issue:	
30	Series:	
	Date of Issue:	
	Coupon Rate:	
	Maturity Date:	
	Levy:	
	Revenue:	
2.	Purpose of Issue:	
	Series:	
	Date of Issue:	
	Coupon Rate:	
	Maturity Date:	
	Levy:	
	Revenue:	
CO	NTRACTS ^k :	
3.	Purpose of Contract:	
	Title:	
	Date:	
	Principal Amount:	
	Maturity Date:	
	Levy:	
	Revenue:	
4.	Purpose of Contract:	
	Title:	
	Date:	
	Principal Amount:	
	Maturity Date:	
	Levy:	
	Revenue:	

Use multiple copies of this page as necessary to separately report all bond and contractual obligations per 32-1-1603, C.R.S.

CERTIFICATION OF TAX LEVIES for NON-SCHOOL Governments

TO: County Commissioners ¹ of	City and County of Denver	, Colorado.
On behalf of the Section 14 Metropolitan Dist	rict (Bonds only) EX '95 Villages at	Raccoon Creek
AND THE PROPERTY OF THE PARTY O	(taxing entity) ^A	
the	Board of Directors	
4.0	(governing body) ^B	
of theSec	tion 14 Metropolitan District	
	(local government)	
Hereby officially certifies the following mills to be levied against the taxing entity's GROSS \$	3,842,370	
	$ROSS^\mathbf{D}$ assessed valuation, Line 2 of the Certifi	cation of Valuation Form DLG 57 ^E)
Note: If the assessor certified a NET assessed valuation (AV) different than the GROSS AV due to a Tax	12 and 221	
Increment Financing (TIF) Area ^F the tax levies must be	3,842,370	
calculated using the NET AV. The taxing entity's total property tax revenue will be derived from the mill levy multiplied against the NET assessed valuation of:	NET ^G assessed valuation, Line 4 of the Certific SE VALUE FROM FINAL CERTIFICATIO BY ASSESSOR NO LATER THA	N OF VALUATION PROVIDED
Submitted: 12/13/2019	for budget/fiscal year	2020
(no later than Dec. 15) (mm/dd/yyyy)		(уууу)
PURPOSE (see end notes for definitions and examples)	LEVY ²	REVENUE ²
 General Operating Expenses^H 	0.000mills	\$ 0
 <minus> Temporary General Property Tax Cred Temporary Mill Levy Rate Reduction</minus> 	lit/ < 0.000 > mills	\$< 0 >
SUBTOTAL FOR GENERAL OPERATING:	0.000 mills	\$ 0
 General Obligation Bonds and Interest^J 	mills	\$
4. Contractual Obligations ^κ	0.000mills	\$ 0
 Capital Expenditures^L 	0.000mills	\$ 0
6. Refunds/Abatements ^M	0.000mills	\$ 0
7. Other ^N (specify):	0.000mills	\$ 0
Y. G. D. Z. (1997)	0.000mills	\$ 0
TOTAL: Sum of General Opera	ting 0.000 mills	\$ 0
Contact person: (print) James Steven Beck	Daytime phone: (303)	987-0835 Ext. 206
Signed: Signed:		rict Accountant

² Levies must be rounded to <u>three</u> decimal places and revenue must be calculated from the total <u>NET assessed valuation</u> (Line 4 of Form DLG57 on the County Assessor's <u>FINAL</u> certification of valuation).

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Page 1 of 4

¹ If the taxing entity's boundaries include more than one county, you must certify the levies to each county. Use a separate form for each county and certify the same levies uniformly to each county per Article X, Section 3 of the Colorado Constitution.

CERTIFICATION OF TAX LEVIES, continued

THIS SECTION APPLIES TO TITLE 32, ARTICLE 1 SPECIAL DISTRICTS THAT LEVY TAXES FOR PAYMENT OF GENERAL OBLIGATION DEBT (32-1-1603 C.R.S.). Taxing entities that are Special Districts or Subdistricts of Special Districts must certify separate mill levies and revenues to the Board of County Commissioners, one each for the funding requirements of each debt (32-1-1603, C.R.S.) Use additional pages as necessary. The Special District's or Subdistrict's total levies for general obligation bonds and total levies for contractual obligations should be recorded on Page 1, Lines 3 and 4 respectively.

CERTIFY A SEPARATE MILL LEVY FOR EACH BOND OR CONTRACT:

BOI	NDS ^J :	
1.	Purpose of Issue: Series: Date of Issue:	
	Coupon Rate:	
	Maturity Date:	
	Levy:	
	Revenue:	
2.	Purpose of Issue:	
	Series:	
	Date of Issue:	
	Coupon Rate:	
	Maturity Date:	
	Levy:	
	Revenue:	
CO	NTRACTS ^K :	
3.	Purpose of Contract:	
	Title:	
	Date:	
	Principal Amount:	
	Maturity Date:	
	Levy:	
	Revenue:	
4.	Purpose of Contract:	
	Title:	
	Date:	
	Principal Amount:	
	Maturity Date:	
	Levy:	
	Revenue:	

Use multiple copies of this page as necessary to separately report all bond and contractual obligations per 32-1-1603, C.R.S.

CERTIFICATION OF TAX LEVIES for NON-SCHOOL Governments

TO: County Commissioners ¹ of				and County		, Colorado.					
On behalf of	the	Section 14 Metropolitan District (Bonds only) EX '95 Fairmark/Westlake									
		(taxing entity) ^A									
1	the	Board of Directors									
	1/4	(governing body) ^B									
of	the	14 Metropolitan District (local government) ^C									
Uarahy afficia	Un cortifica	the following mills	(1	ocai governine	nt)						
to be levied ag	5,647,680										
assessed valua	(GROSS ^D	OSS ^D assessed valuation, Line 2 of the Certification of Valuation Form DLG 57 ^E									
		NET assessed valuation									
(AV) different than the GROSS AV due to a Tax Increment Financing (TIF) Area ^F the tax levies must be \$					5,647,680						
property tax rever	nue will be der	The taxing entity's total rived from the mill levy essed valuation of:	(NET ^G a	assessed valuat LUE FROM F BY ASSE	INAL CER	of the Certifica TIFICATION LATER THA	OF VALUA	TION PROV	57) IDED		
Submitted: 12/13/2019			fo	for budget/fiscal year			2020 .				
(no later than Dec. 15))	(mm/dd/yyyy)					(уууу)				
PURPOSI	PURPOSE (see end notes for definitions and examples)			LI	EVY ²		R	EVENUE	2		
1. General Operating Exp		penses ^H			0.000	mills	\$	0			
	<minus> Temporary General Property Tax Credit/ Temporary Mill Levy Rate Reduction^I</minus>			< 0.	000	<u>mills</u>	\$ <	0	>		
SUBTOTAL FOR GENERAL OPERATING:					0.000	mills	s	0			
3. General O	General Obligation Bonds and Interest ^J					mills	\$				
4. Contractua	0	.000	mills	\$	0						
5. Capital Ex	0	mills	ills \$	0							
6. Refunds/A	Refunds/Abatements ^M				0.000						
7. Other ^N (sp	Other ^N (specify):			0	.000	mills	\$	0			
				0	.000	mills	\$	0			
TOTAL: Sum of General Operating Subtotal and Lines 3 to 7					.000	mills	\$	0.000			
Contact person: (print) James Steven Beck					Daytime phone: (303)		987-0835 Ext. 206				
Signed:						-	District Accountant				
G1 1				Title:		DIST	LICT ACCOL	intant			

Page 1 of 4 DLG 70 (Rev.6/16)

¹ If the taxing entity's boundaries include more than one county, you must certify the levies to each county. Use a separate form for each county and certify the same levies uniformly to each county per Article X, Section 3 of the Colorado Constitution.

² Levies must be rounded to <u>three</u> decimal places and revenue must be calculated from the total <u>NET assessed valuation</u> (Line 4 of Form DLG57 on the County Assessor's <u>FINAL</u> certification of valuation).

CERTIFICATION OF TAX LEVIES, continued

THIS SECTION APPLIES TO TITLE 32, ARTICLE 1 SPECIAL DISTRICTS THAT LEVY TAXES FOR PAYMENT OF GENERAL OBLIGATION DEBT (32-1-1603 C.R.S.). Taxing entities that are Special Districts or Subdistricts of Special Districts must certify separate mill levies and revenues to the Board of County Commissioners, one each for the funding requirements of each debt (32-1-1603, C.R.S.) Use additional pages as necessary. The Special District's or Subdistrict's total levies for general obligation bonds and total levies for contractual obligations should be recorded on Page 1, Lines 3 and 4 respectively.

CERTIFY A SEPARATE MILL LEVY FOR EACH BOND OR CONTRACT:

BOI	NDS ^J :	
1.	Purpose of Issue: Series: Date of Issue: Coupon Rate: Maturity Date: Levy: Revenue:	\$
	Revenue:	*
2.	Purpose of Issue: Series: Date of Issue: Coupon Rate: Maturity Date: Levy: Revenue:	
CO	NTRACTS ^k :	
3.	Purpose of Contract: Title: Date: Principal Amount: Maturity Date: Levy: Revenue:	
4.	Purpose of Contract: Title: Date: Principal Amount: Maturity Date: Levy: Revenue:	

Use multiple copies of this page as necessary to separately report all bond and contractual obligations per 32-1-1603, C.R.S.

RESOLUTION NO. 2019-12-05

A RESOLUTION OF THE BOARD OF DIRECTORS OF SECTION 14 METROPOLITAN DISTRICT CALLING A REGULAR ELECTION FOR DIRECTORS MAY 5, 2020

- A. The terms of the offices of Directors Jay Perlmutter and G. Darwin Toll, Jr. shall expire upon the election of their successors at the regular election, to be held on May 5, 2020 ("Election"), and upon such successors taking office.
- B. In accordance with the provisions of the Special District Act ("Act") and the Uniform Election Code ("Code"), the Election must be conducted to elect two (2) Directors to serve until the second regular election, to occur May 2, 2023.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Section 14 Metropolitan District (the "District") of the Counties of Jefferson and Denver, Colorado:

- 1. <u>Date and Time of Election</u>. The Election shall be held on May 5, 2020, between the hours of 7:00 A.M. and 7:00 P.M. pursuant to and in accordance with the Act, Code, and other applicable laws. At that time, two (2) Directors shall be elected to serve until the second regular election, to occur May 2, 2023.
- 2. <u>Precinct</u>. The District shall consist of one (1) election precinct for the convenience of the eligible electors of the District.
- 3. <u>Conduct of Election</u>. The Election shall be conducted as an independent mail ballot election in accordance with all relevant provisions of the Code. The Designated Election Official shall have on file, no later than fifty-five (55) days prior to the Election, a plan for conducting the independent mail ballot Election.
- 4. <u>Designated Election Official</u>. Ann Finn shall be the Designated Election Official and is hereby authorized and directed to proceed with any action necessary or appropriate to effectuate the provisions of this Resolution and of the Act, Code or other applicable laws. The Election shall be conducted in accordance with the Act, Code and other applicable laws. Among other matters, the Designated Election Official shall appoint election judges as necessary, arrange for the required notices of election (either by mail or publication) and printing of ballots, and direct that all other appropriate actions be accomplished.
- 5. <u>Absentee Ballot Applications</u>. NOTICE IS FURTHER GIVEN, pursuant to Section 1-13.5-1002, C.R.S., that applications for and return of absentee ballots may be filed with the Designated Election Official of the District, c/o Special District Management Services, Inc., 141 Union Boulevard, Suite 150, Lakewood, Colorado 80228, between the hours of 8:00 a.m. and 5:00 p.m., until the close of business on the Tuesday immediately preceding the Election (April 28, 2020).

- 6. <u>Self-Nomination and Acceptance Forms</u>. Self-nomination and acceptance forms are available at the office of the Designated Election Official located at the above address. All candidates must file a self-nomination and acceptance form with the Designated Election Official no later than 3:00 P.M. on February 28, 2020.
- 7. <u>Cancellation of Election</u>. If the only matter before the electors is the election of Directors of the District and if, at 5:00 P.M. on March 3, 2020, there are not more candidates than offices to be filled at the Election, including candidates timely filing affidavits of intent, the Designated Election Official shall cancel the Election and declare the candidates elected. Notice of such cancellation shall be published and posted in accordance with law.
- 8. <u>Severability</u>. If any part or provision of this Resolution is adjudged to be unenforceable or invalid, such judgment shall not affect, impair or invalidate the remaining provisions of this Resolution, it being the Board of Director's intention that the various provisions hereof are severable.
- 9. Repealer. All acts, orders and resolutions, or parts thereof, of the Board of Directors which are inconsistent or in conflict with this Resolution are hereby repealed to the extent only of such inconsistency or conflict.
- 10. <u>Effective Date</u>. The provisions of this Resolution shall take effect as of the date adopted and approved by the Board of Directors of the District.

[SIGNATURE PAGE FOLLOWS]

[SIGNATURE PAGE TO RESOLUTION CALLING A REGULAR ELECTION FOR DIRECTORS MAY 5, 2020]

RESOLUTION APPROVED AND ADOPTED on December 2, 2019.

SECTION 14 METROPOLITAN DISTRICT

By:

President

Attest:

Secretary

McGeady Becher P.C. Document Retention Policy

Types of Documents

In representing you we will or may take possession of, create, and/or keep various types of documents. These consist of documents you provide to us, documents which constitute the District's official public record, and internal documents we create to assist us in providing services to you.

Documents You Provide to Us

It is our policy to copy and return original documents you provide to us as soon as practicable. Exceptions to this policy are original documents which should be kept as part of the District's official public record, instances where we must have an original document to represent you, or cases where we have affirmatively agreed retain a document for safekeeping.

The District's Record

As a part our engagement, we will maintain the District's official public Record (the "Record"). The Record is a highly useful and detailed compilation of documents reflecting the official actions of the District and serves multiple functions. First, it collects those documents which the public is entitled to inspect and copy under various state and federal public records and freedom of information statutes. Second, it organizes the records of the District – such as its contracts, land and title records, and easements - in a manner which is useful in conducting the ongoing business of the District. Third, the Record helps expedite the District's annual audit process. Fourth, in the event you should change legal counsel or employ in-house counsel, the Record will enable that counsel to understand the status and assume representation of the District with maximum efficiency.

The Record includes the District's organizational documents, fully-executed agreements which are still in effect, rules, regulations, resolutions adopted by the District, official minutes books, meeting notices, agendas, insurance policies, District maps, election records, bond documents, audit documents, and many more. A comprehensive list of documents comprising the Record is available from us at any time upon request.

Creating and maintaining the Record is an important and complex task, and you agree to pay our actual costs and hourly fees associated with doing this.

Supplemental Documents

All other documents created in course of representing you are referred to as Supplemental Documents. These include our notes, drafts, memoranda, worksheets, electronic communications, and other electronic documents stored in various media or file servers.

Documents We Retain

Except as provided in this Document Retention Policy or an amendment thereto, we will keep the Record and any original documents accepted by us for safekeeping so long as we represent you.

Delivery of the Record

Once a matter is concluded or our has representation terminated, we deliver the original, printed Record, together with any original documents we have accepted for safekeeping, to you or the District's designee, provided our fees and costs have been paid in full. If you do not designate someone to receive these records, we will deliver them to a then-current officer or director of the District. If we are unable to deliver these documents because of your failure to designate a recipient, we may retain, destroy, or otherwise dispose of them in manner which assures their continued confidentiality within thirty (30) days following the conclusion of a matter or the termination of our representation.

We will also confidentially destroy the Record of any District in our possession if a final order of dissolution of the District is entered.

All other documents, including all Supplemental Documents, are routinely, periodically, confidentially, and permanently purged by us once they are no longer useful to us in providing services to you.

Section 14 Metropolitan District December-19

	 General	 Debt	 Capital	Totals
Disbursements	\$ 16,168.16	\$ 1,512.50	\$ -	\$ 17,680.66
Payroll				\$ ~
Payroll Taxes (Annually)	\$ _			\$
Total Disbursements from Checking Acct	\$ 16,168.16	\$ 1,512.50	\$ -	\$ 17,680.66

Section 14 Metropolitan District Check Register - S14 Page: 1 Check Issue Dates: 12/1/2019 - 12/31/2019 Dec 26, 2019 02:36PM Check No and Date Payee Invoice No **GL Account Title GL Acct** Amount Total Void/I 4154 12/26/2019 Bowles Village Center 12/2019 Landscape Maintenance 1-786 577.00 577.00 12/26/2019 Bowles Village Center 12/2019 Utilities 1-710 473.00 473.00 Total 4154: 1,050.00 4155 12/26/2019 Chanson, LLC 12/2019 Landscape Maintenance 1-786 1,995.00 1,995.00 12/26/2019 Chanson, LLC 12/2019 Utilities 1-710 1,568.00 1,568.00 Total 4155: 3,563.00 4156 12/26/2019 Colorado Community Media 00214933 Legal Publications 1-680 19.16 19.16 Total 4156: 19.16 4157 12/26/2019 Dodge Data & Analytics A40020360 Legal Publications 1-680 48.98 48.98 Total 4157: 48.98 4158 12/26/2019 Manhard Consulting 46881 Contingency 1-799 2,000.00 2,000.00 Total 4158: 2,000.00 4159 12/26/2019 McGeady Becher P.C. 198C 10/19 Legal 1-675 1,352.00 1,352.00 12/26/2019 McGeady Becher P.C. 198C 10/19 **Election Expense** 1-635 370.00 370.00 12/26/2019 McGeady Becher P.C. 198M 11/19 Legal 1-675 1,232.50 1,232.50 12/26/2019 McGeady Becher P.C. 198M 11/19 **Election Expense** 1-635 85.00 85.00 Total 4159: 3,039.50 4160 Section 14 Development Company 12/26/2019 12/2019 Landscape Maintenance 1-786 1,570.00 1,570.00 12/26/2019 Section 14 Development Company 12/2019 Utilities 1-710 463.00 463.00 Total 4160: 2,033.00 4161 12/26/2019 Special District Management Servic 61193 **District Management** 1-614 1,810.88 1,810.88 12/26/2019 Special District Management Servic 61193 Accounting 1-613 996.00 996.00 12/26/2019 Special District Management Servic 61193 Miscellaneous Expenses 1-685 1,553.50 1,553.50 Total 4161: 4,360.38 4162

5565558

5256 12/19

Trustee/Paying Agent Fees

Utilities

2-668

1-710

1,512.50

22.26

1,512.50

1,512.50

22.26 M

12/26/2019 US Bank

12/26/2019 Denver Water

Total 4162:

20191201

Section 14 Metropolitan Distr	rict	Check Register - S14 Check Issue Dates: 12/1/2019 - 12/31/2019				Page: Dec 26, 2019 02:36PN		
Check No and Date	Payee	Invoice No	GL Account Title	GL Acct	Amount	Total	Void/l	
Total 20191201:						22.26		
20191202 12/26/2019 Denver	Water	5392 12/19	Utilities	1-710	15.94	15.94	М	
Total 20191202:						15.94		
20191203 12/26/2019 Denver	Water	5261 12/19	Utilities	1-710	15.94	15.94	М	
Total 20191203:						15.94		
Grand Totals:						17,680.66		

Section 14 Metropolitan District January-20

	General		Debt	Capital		Totals	
Disbursements	\$	15,506.21		\$		\$	15,506.21
Payroll	\$	369.40				\$	369.40
Payroll Taxes (Annually)	\$	-				s	-
Total Disbursements from Checking Acct	\$	15,875.61	\$	\$	-	\$	15,875.61

Section 14 Metropolitan District

Check Register - Section 14 Report Dates: 1/22/2020-1/22/2020

Page: 1 Jan 22, 2020 02:40PM

Check Issue Date	Check Number	Payee	Amount
01/22/2020	9093	Ernst, Douglas C	92.35
01/22/2020	9094	Perlmutter, Jay	92.35
01/22/2020	9095	Perlmutter, Jonathan	92.35
01/22/2020	9096	Jenkins, Kenya	92.35
Grand '	Totals:		
	4		369.40

Section 14 Metropolitan District Check Register - S14 Page: 1 Check Issue Dates: 1/1/2020 - 1/31/2020 Jan 22, 2020 02:36PM Check No and Date Payee Invoice No **GL** Account Title **GL Acct** Amount Total Void/l 4163 01/22/2020 **Bowles Village Center** 01/2020 Landscape Maintenance 1-786 554.00 554.00 01/22/2020 **Bowles Village Center** 01/2020 Utilities 1-710 368.00 368.00 Total 4163: 922.00 4164 01/22/2020 Chanson, LLC 01/2020 Landscape Maintenance 1-786 1,608.00 1,608.00 01/22/2020 Chanson, LLC 01/2020 Utilities 1-710 1,078.00 1,078.00 Total 4164: 2,686.00 4165 01/22/2020 Colorado Special District P&L POL-003247 Prepaids 1-125 4,402.00 4,402.00 Total 4165: 4,402.00 4166 01/22/2020 McGeady Becher P.C. 198M 12/19 Legal 1-675 1,910.00 1,910.00 Total 4166: 1,910.00 4167 Section 14 Development Company 01/22/2020 01/2020 Landscape Maintenance 1-786 1.856.00 1,856.00 Section 14 Development Company 01/22/2020 01/2020 Utilities 1-710 260.00 260.00 Total 4167: 2,116.00 4168 01/22/2020 Special District Management Servic **District Management** 1-614 1,870.23 1,870.23 Special District Management Servic 01/22/2020 Accounting 1-613 770.00 770.00 Total 4168: 2,640.23 4169 01/22/2020 T Charles Wilson Insurance 8168 Insurance 1-670 775.00 775.00 Total 4169: 775.00 20200101 01/22/2020 Denver Water 5256 1/20 Utilities 1-710 22.72 22.72 M Total 20200101: 22.72 20200102 01/22/2020 Denver Water 5392 1/20 Utilities 1-710 16.13 16.13 M Total 20200102: 16.13 20200103 01/22/2020 Denver Water 5261 1/20 Utilities 1-710 16.13 16.13 M Total 20200103: 16.13 **Grand Totals:** 15,506.21

Section 14 Metropolitan District February-20

	 General	Deb	t	Capital	Totals
Disbursements	\$ 22,583.86			\$ 1,470.25	\$ 24,054.11
Payroll	\$ -				\$, <u>.</u>
Payroll Taxes (Annually)	\$ 				\$ _
Total Disbursements from Checking Acct	\$ 22,583.86	\$	-	\$ 1,470.25	\$ 24,054.11

Section 14 Metropolitan District

Check Register - S14
Check Issue Dates: 2/1/2020 - 2/29/2020

Page: 1 Feb 19, 2020 11:05AM

	Check Issue Dates: 2/1/2020 - 2/29/2020				Feb 19	Feb 19, 2020 11:05AM			
Chec	k No and Date	Payee	Invoice No	GL Account Title	GL Acct	Amount	Total	Void/	
4170									
	02/19/2020	Bowles Village Center	02/2020	l andagana Maintenana	4 700				
	02/19/2020		02/2020	Landscape Maintenance Utilities	1-786 1-710	688.00 230.00	688.00 230.00		
	Total 4170:						918.00	-)	
4171									
	02/19/2020	Chanson, LLC	02/2020	Utilities	1-710	220.00	220.00		
	02/19/2020		02/2020	Landscape Maintenance	1-716	330.00	330.00		
	02/19/2020		02/2020	Utilities	1-710	5,259.00 72.00	5,259.00		
	02/19/2020	Chanson, LLC	02/2020	Utilities	1-710	670.20	72.00 670.20		
	Total 4171:						6,331.20	-	
4172							-1	-	
	02/19/2020	Colorado Community Media	00218843	Election Expense	1-635	26.64	26.64		
	Total 4172:						26.64	-	
4173							20.04	-	
4110	02/19/2020	Dodge Data & Analytics	A40021288	Election Expense	1-635	71.40	71.40		
	Total 4173:				, 666	71.40	71.40		
							71.40		
4174	02/19/2020	Matrix Design Group, Inc	28395	Engineering	3-660	1 470 05	4 470 05		
	Total 4174:			g.nooning	3-000	1,470.25	1,470.25		
							1,470.25		
4175	02/19/2020	Section 14 Development Company	02/2020	Landscape Maintenance	4 700	4 704 00	. =		
	02/19/2020	Section 14 Development Company	02/2020	Utilities	1-786	1,731.00	1,731.00		
	02/19/2020	Section 14 Development Company	02/2020	Utilities	1-710 1-710	10,063.00	10,063.00		
-	Total 4175:	,		·	1-710	147.00	147.00		
	10tai 4175.					-	11,941.00		
4176	02/19/2020	Special District Association	2020 MEMPEROLII	In					
		Operation Association	2020 MEMBERSHI	Insurance	1-670	1,237.50	1,237.50		
1	Total 4176:					_	1,237.50		
4177		_							
	02/19/2020	Special District Management Servic	01/2020	Accounting	1-613	826.00	826.00		
	02/19/2020	Special District Management Servic	01/2020	Election Expense	1-635	204.00	204.00		
	02/19/2020	Special District Management Servic	01/2020	District Management	1-614	971.14	971.14		
Т	Total 4177:						2,001.14		
202002						-			
	02/19/2020	Denver Water	5261 02/20	Utilities	1-710	18.13	18.13	М	
Т	otal 20200201	:					18.13		
02002	02								
	02/19/2020	Denver Water	5392 02/20	Utilities	1-710	16.13	16.13	м	
							- 50-5 1 10-	•	

Section 14 Metropolitan Distr	rict	Check Reg Check Issue Dates: 2	Page: 2 Feb 19, 2020 11:05AM				
Check No and Date	Payee	Invoice No	GL Account Title	GL Acct	Amount	Total	Void/
Total 20200202:						16.13	
20200203 02/19/2020 Denver	Water	5256 02/20	Utilities	1-710	22.72	22.72	М
Total 20200203:						22.72	
Grand Totals:					-	24,054.11	

Section 14 Metropolitan District March-20

D. I	General		D	ebt	Capital		Totals	
Disbursements	\$	13,125.91			\$	5,705.15	\$	18,831.06
Payroll	\$	-					\$	· <u>-</u>
Payroll Taxes (Annually)	\$	-					\$	_
Total Disbursements from Checking Acct	\$	13,125.91	\$		\$	5,705.15	\$	18,831.06

Section 14 Metropolitan District			Check Req Check Issue Dates:	Mar 30,	1 OPM			
Check	No and Date	Payee	Invoice No	GL Acct	Amount	Total	Void/l	
4178				***************************************				
	03/30/2020 03/30/2020	3	03/20 03/20	Landscape Maintenance Utilities	1-786 1-710	190.00 1,495.00	190.00 1,495.00	
	Total 4178:						1,685.00	
4179								•
	03/30/2020 03/30/2020 03/30/2020	Chanson, LLC	03/20 03/20 03/20	Landscape Maintenance Utilities Utilities	1-786 1-710 1-710	1,744.00 4,864.00 301.00	1,744.00 4,864.00 301.00	
	Total 4179:						6,909.00	
4180							-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
4100	03/30/2020	Matrix Design Group, Inc	28987	Engineering	3-660	5,705.15	5,705.15	
	Total 4180:						5,705.15	
4181								
	03/30/2020 03/30/2020	Section 14 Development Company Section 14 Development Company	03/20 03/20	Landscape Maintenance Utilities	1-786 1-710	1,117.00 2,138.00	1,117.00 2,138.00	
-	Total 4181:					-	3,255.00	
4182						-		
	03/30/2020	Special District Management Servic		Accounting	1-613	560.00	560.00	
	03/30/2020 03/30/2020	Special District Management Servic	02/2020	Election Expense	1-635	148.00	148.00	
	03/30/2020	Special District Management Servic	02/2020	District Management	1-614	513.93 -	513.93	
7	Fotal 4182:						1,221.93	
202003	801					-		
	03/30/2020	Denver Water	5256 03/20	Utilities	1-710	22.72	22.72	M
7	Total 20200301	1:				_	22.72	
202003						_		
	03/30/2020	Denver Water	5392 03/20	Utilities	1-710	16.13	16.13	M
T	otal 20200302	2:					16.13	
202003		D						
	03/30/2020	Denver Water	5261 03/20	Utilities	1-710	16.13	16.13	M
Т	otal 20200303	k:				_	16.13	
G	Grand Totals:					-	18,831.06	
						=		

CHANSON PLAZA DRAINAGE IMPROVEMENTS ALTERNATIVES ANALYSIS REPORT

Prepared for:

Section 14 Metropolitan District 141 Union Boulevard, Suite 150 Lakewood, Colorado 80228

Prepared by:



1601 Blake Street, Suite 200 Denver, CO 80202

Submitted:

March 27, 2020

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г	Ctandard Dataila	20



I. PROJECT DESCRIPTION

Section 14 Metropolitan District, the Project Sponsor, has initiated an alternatives analysis of the drainage facility at the outfall on the northeast side of Johnson Reservoir in Columbine, CO. In the 1990s, the unnamed drainageway was converted into a piped conveyance system discharging into Johnson Reservoir. The system now includes a forebay, constructed from grouted riprap, into which three pipes outfall. Two 72" reinforced concrete pipes (RCPs) and one 24" RCP. Flow then enters a 48" x 72" horizontal elliptical RCP (ERCP) culvert which flows under the lakeside trail into Johnson Reservoir, see Appendix A for a base map. The reservoir side of the trail crossing is also constructed from grouted riprap. This trail/culvert protection is failing and is the reason for this alternative analysis. As hydrology for the forebay outfalls is not known, it is assumed that the pipes' full flow is the design hydrology. All alternatives proposed consider this scenario and are intended to protect the trail crossing and culvert.

A. Site Location

The site is located at a latitude and longitude of 39° 36'29"N and 105° 5'21"W and is adjacent to Chanson Plaza and Johnson Reservoir. The project is sited within the limits of a FEMA regulated floodplain, Zone AE. The FIRM panel (08059C0402F) can be found in Appendix A.

B. Description of Property

The existing 72" pipes and 24" pipes convey runoff from Chanson Plaza parking lot and from Wadsworth Boulevard. Runoff is then conveyed to the reservoir through the 48" x 72" ERCP culvert, or in some scenarios over the trail crossing. The culvert invert is about 6" above the reservoirs low water elevation and completely submerged during the high-water elevation. The low point of the trail crossing, where the trail will be inundated first during an overtopping event, is located ~75 feet to the south west of the trail crossing. This alternative analysis focused on the culvert and the protections around it.

II. DESIGN CRITERIA

A. Regulations

The project site is located within unincorporated areas of Jefferson County and is within the Mile High Flood District's boundaries. The proposed alternatives in this report are intended to meet the criteria set forth by the Jefferson County Storm Drainage Design & Technical Criteria and the Mile High Flood District Storm Drainage Criteria Manual.

B. Drainage Studies and Site Constraints

A formal drainage study for the local drainage system has not been completed. However, an ALTA survey was completed by Matrix Design Group April 3, 2007. Flood Insurance Study number 08059CV005D panel 296P is the relevant study for this area. A utility map showing the routing of the incoming culverts can be seen, along with the previously mentioned references, in Appendix C.



C. Existing Conditions

Several site visits and a survey of the area were conducted to gather data on existing conditions. The existing forebay as well as the culvert was determined to be in adequate condition with no significant signs of deterioration or cracking and should be protected in place. The trail was also in adequate condition. The slab just to the southeast of the trail, on the lakeside of the railing, will need to be removed and the railing reinstalled. The entire grouted riprap protection on the south east side of the trail will need to be removed and properly disposed. The grouted riprap likely failed over time due to piping under the slab and the FES. Piping occurs when small soil particles are slowly removed via water which causing extremely settling under hardened structures such as pipes and concrete. The flared end section (FES) is detached and will need to either be reattached to the culvert or discarded and replaced with a new FES. The banks adjacent to the failing grouted riprap will need to be regraded and revegetated to help stabilize the banks next to the trail crossing.



Reservoir (southeast) side of the trail



FES separation from culvert from the outside

Forebay (northwest) side of the trail



FES separation from culvert from the inside





Grouted riprap cracking above the culvert



Inside of the culvert, in good condition



Undermining of slab adjacent to trail, handrails that will need to be reset or replaced



III. ALTERNATIVES ANALYSIS

Each alternative was evaluated based on site constraints, feasibility, constructability, and cost constraints. The proposed alternatives were all evaluated to meet the project objectives. Alternatives 1 and 2 are considered robust yet invasive, while the 3, 4 and 5 are considered modest and unobtrusive.

Objectives for the project included:

- Protecting the trail embankment from overtopping forces
- Protecting the trail embankment from wave action erosion
- Protecting the culvert and trail infrastructure
- Flexibility to allow for the swelling soils that occur when water levels rise and fall

Five alternatives were considered separately and are described below. Each alternative addresses the objectives adequately. Each alternative also includes the cost of addressing the issues described in the *Existing Conditions* section. Cost estimates were based on recent Matrix projects, UD-MP COST Version 2.2, and professional judgement.

A. Alternative 1 Concrete Headwall and Wingwall

This alternative is a concrete headwall and wingwall that holds the grade on the trail side of the culvert while protecting against wave erosion. This solution does not require the FES to be reattached. The headwall and wingwall would require the site to be dewatered during construction. A toe wall would need to extend into the subgrade to provide stability to both the culvert and the walls themselves. It is recommended that a geotechnical study be done to determine the correct depth for the toe wall. This alternative creates an area next to the trail and behind the headwall where a softscape buffer could be constructed, creating an aesthetically pleasing solution. If this option is chosen, further design considerations would need to be considered, such as: designing for a saturated condition or if weep holes would be introduced, handrails on the top of the walls, proper culvert connection, and the correct bedding material to prevent settling of the walls.

Estimated Total Cost (Alternative 1): \$87,010





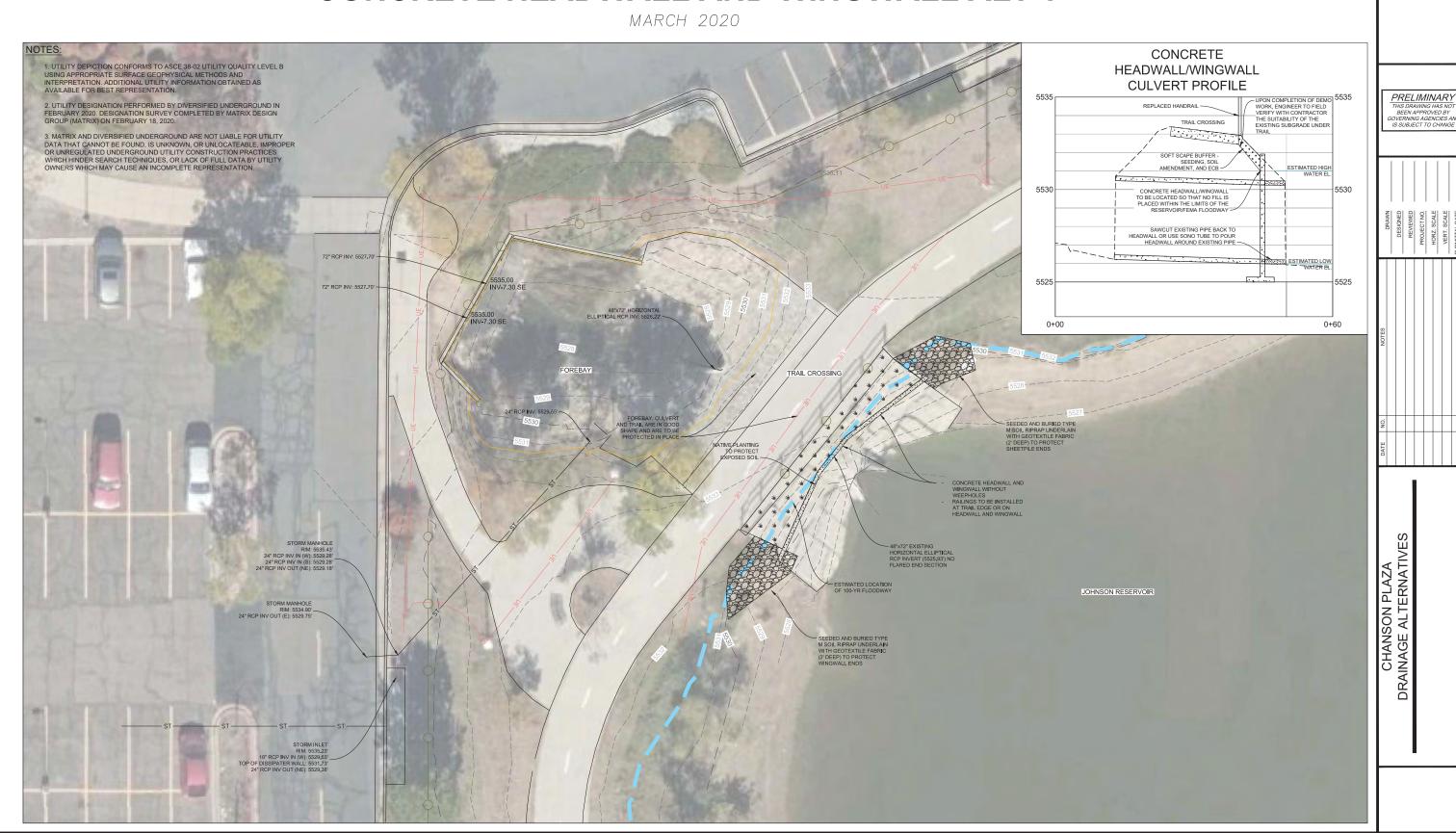
CHANSON PLAZA DRAINAGE ALTERNATIVES

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Matrix

NORTHWEST QUARTER OF SECTION 23
TOWNSHIP 5 SOUTH, RANGE 69 WEST OF THE 6TH P.M., JEFFERSON COUNTY, STATE OF COLORADO

CONCRETE HEADWALL AND WINGWALL ALT 1



B. Alternative 2 Sheetpile

Alternative 2 provides a robust solution while minimizing the cost of dewatering the site. This alternative proposes installing a sheetpile wall with a concrete cap parallel to the trail. Like the concrete headwall and wingwall solution, this solution would not require the FES to be reattached. Instead of the softscape buffer that the concrete headwall and wingwall alternative proposes on the trail side, a concrete slab is recommended. The estimated depth of sheetpile needed is about 15-ft. It is recommended that a geotechnical study be done to determine the correct depth for the sheetpile wall. Matrix recommends piling Type M riprap on the reservoir side to help mask the sheetpile. If this option is chosen, further design considerations would need to be considered, such as: weep holes above the highwater mark, handrails on top of the cap, proper culvert connection/penetration to ensure piping does not occur, and steel bar reinforcement above the culvert penetration.

Estimated Total Cost (Alternative 2): \$98,591



Example of sheetpile headwall with steel bracing





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PRELIMINARY

Matrix Matrix

NORTHWEST QUARTER OF SECTION 23
TOWNSHIP 5 SOUTH, RANGE 69 WEST OF THE 6TH P.M., JEFFERSON COUNTY, STATE OF COLORADO

SHEETPILE ALT 2



C. Alternative 3 Buried Riprap

For alternatives 3, 4, and 5, the FES is to be reattached first. To reattach the FES, 8-ft of sheetpile would be driven to a depth of 10-ft or until refusal and capped with a steel sheetpile cap. Class II aggregate would then be placed as fill on the embankment side of sheetpile to help support the FES. The FES would rest on the sheetpile and the class II aggregate. The FES would be reattached to the culvert following the CDOT detail for fastening a concrete joint. Following reattachment of the FES, type M soil riprap, buried under 6" of topsoil, is proposed to be installed on the existing slope at a depth of 2-ft. Prior to installation, a geotextile lining should blanket the slope followed by a thin layer of class 6 or equivalent aggregate to reduce piercing of the geotextile blanket. Care should be taken to ensure the culvert penetrates the geotextile in a way that prevents the penetration from becoming a weak point in the overall design, as piping could occur and soil could start eroding from here. Following installation, the surface should be seeded and blanketed to ensure proper revegetation. This alternative can be constructed with less dewatering effort that the previous two alternatives but will still require some dewatering in order to correctly place the geotextile and riprap at the toe of the embankment. This alternative will be aesthetically pleasing following revegetation as there is no visible stabilization. If this option is chosen, further design considerations would need to be considered, such as: the aforementioned pipe penetration, consideration of depth to drive sheetpile, and consideration when laying the class II aggregate to achieve the stable bedding required for the FES.

Estimated Total Cost (Alternative 3): \$59,570





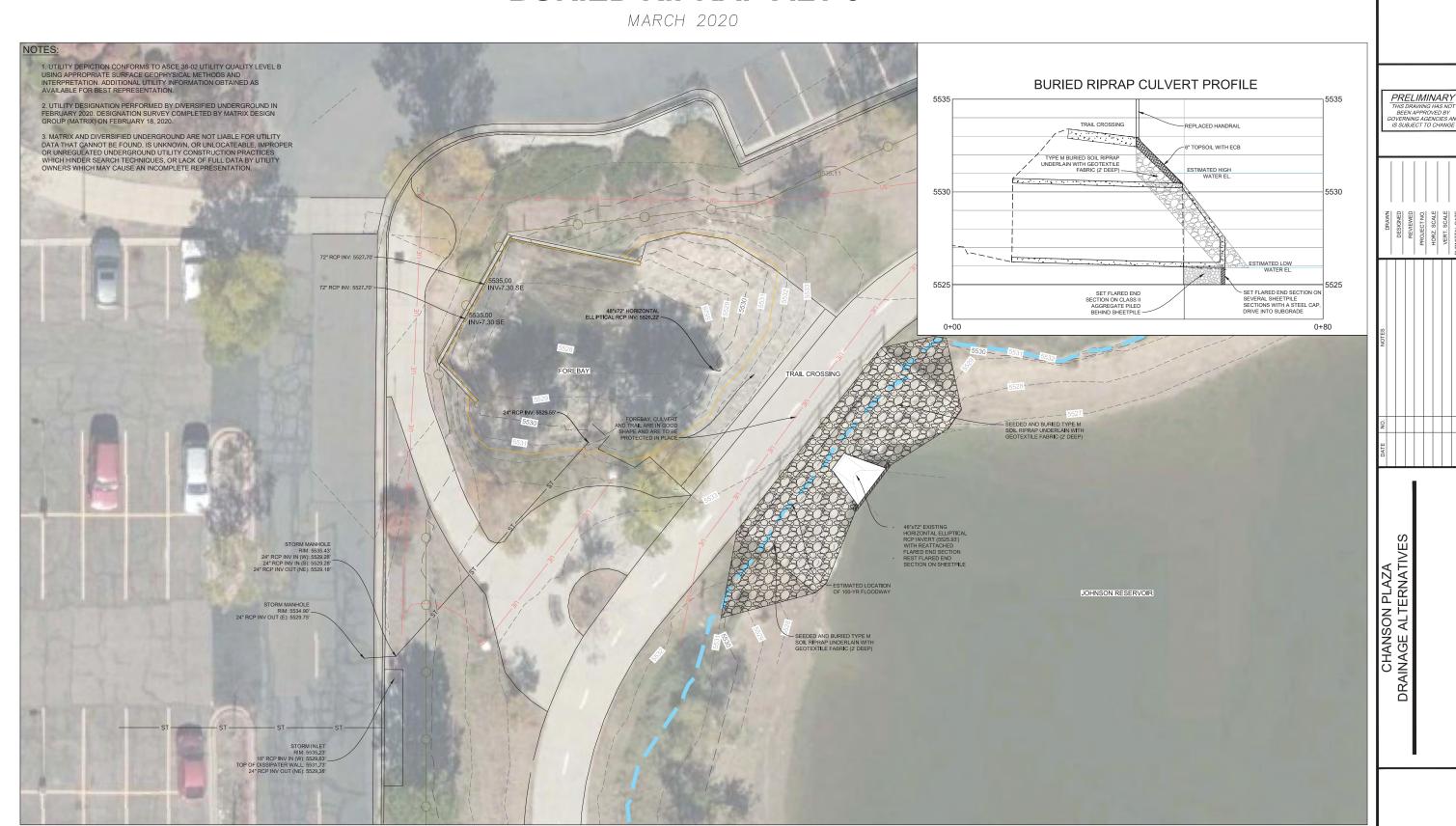
CHANSON PLAZA DRAINAGE ALTERNATIVES

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Matrix Matrix

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TOWNSHIP 5 SOUTH, RANGE 69 WEST OF THE 6TH P.M., JEFFERSON COUNTY, STATE OF COLORADO

BURIED RIPRAP ALT 3



D. Alternative 4 Buried Riprap with Sheetpile

See alternative 3 for the FES reattachment recommendation. Alternative 4 is the same as alternative 3, however the sheetpile under the FES has been extended about 20-ft on either side of the FES. This allows for greater protection of the embankment toe, a backstop for the embankment riprap and provides dewatering during the riprap installation. Geotech would not be required for this alternative due to the minimal height of the exposed sheetpile. This alternative can be constructed without dewatering efforts, as the initial sheetpile installation essentially provides all the dewatering required for this alternative. Just like alternative 3, this option will be aesthetically pleasing following revegetation. If this option is chosen, further design considerations would need to be considered, such as: the depth of the sheetpile, interface at the ends of the sheetpile wall, and consideration when laying the class II aggregate to achieve the stable bedding required for the FES.

Estimated Total Cost (Alternative 4): \$82,250





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TOWNSHIP 5 SOUTH, RANGE 69 WEST OF THE 6TH P.M., JEFFERSON COUNTY, STATE OF COLORADO

BURIED RIPRAP WITH SHEETPILE ALT 4



E. Alternative 5 Flexamat

See alternative 3 for the FES reattachment recommendation. Alternative 5 is the only alternative that considers a proprietary solution. Flexamat is a robust "tied concrete block mat." This turf reinforcement mat is inlaid with 6.5" x 6.5" concrete blocks embedded into a geogrid. The blocks are separated by 1.5" spacing allowing for vegetation growth. Flexamat is simple to install and is robust. To install the mat, it is trenched in at the top of the embankment and then rolled down and staked in at the bottom. The weight of the mat is considered enough to secure it in place; however, staking is an extra precaution often taken. Prior to installation, a layer of topsoil and a site-specific seed mix should be placed on the slope. If this option is chosen, further design considerations would need to be considered, such as: the grouting between the mats and the FES, the interface between the trail and the trenched in mats and trenching in of the outside of the mats along the side of the embankment.

Estimated Total Cost (Alternative 5): \$63,315





Example Flexamat used to stabilize an outfall and embankment with grout around outfall



Example of Flexamat used around a lakeshore





CHANSON PLAZA DRAINAGE ALTERNATIVES

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PRELIMINARY

Matrix

NORTHWEST QUARTER OF SECTION 23
TOWNSHIP 5 SOUTH, RANGE 69 WEST OF THE 6TH P.M., JEFFERSON COUNTY, STATE OF COLORADO

FLEXAMAT ALT 5



IV. Pros and Cons Table

	Pros	Cons
CONCRETE HEADWALLS AND WINGWALLS	 Uniform and consistent design Robust - minimizes long term risk of reoccurrence Provides soft scape buffer Contractors have experience with this type of installation 	 Requires dewatering Possible Geotech required Costly
SHEETPILE	 Uniform and consistent design Minimal dewatering Robust - minimizes long term risk of reoccurrence Specialized sub-contractor ensures quality 	 Potential design complications for pipe interface Possible Geotech required Costly
BURIED RIPRAP	 Simple design and installation Aesthetic (not visible when vegetated) Easily maintained 	 FES reattachment Potential larger disturbed area due to quantity of riprap to be staged
BURIED RIPRAP WITH SHEETPILE	 Simple design and installation Minimal dewatering Robust - minimizes long term risk of reoccurrence Aesthetic (not visible when vegetated) Easily maintained 	 FES reattachment Potential larger disturbed area due to quantity of riprap to be staged Costly
FLEXAMAT	 Minimal dewatering Simple installation Possibly less design required/standard details Easily maintained Easily replicated for other unstable bank areas of the reservoir 	 FES reattachment Proprietary Possible difficulty finding experienced contractor to install Not uniform with current bank stabilization measures



V. RECOMMENDED PLAN

A. Recommended Alternative

The recommended alternative is Alternative 3. Buried riprap will protect the embankment from wave action and overtopping, while the sheetpile and class II aggregate will stabilize the FES to prevent undermining from occurring again. This alternative, once vegetated will be aesthetically pleasing and fit in with the overall aesthetic of the reservoir. Most contractors are experienced in riprap and sheetpile installation. Some dewatering may be required for proper installation. This alternative can also be used for the other outfall to the south as well once a crew becomes familiar with the installation process.

B. Permitting Requirements

All designs would need to eliminate the need to raise grades on the reservoir side of the 5531.5' contour in order to avoid permitting associated with the FEMA regulated floodplain.

A floodplain development permit (FDP) from Jefferson County would be required. If alternative 1 or 2 are chosen, a retaining wall permit, falling under a Miscellaneous Permit could possibly be required by Jefferson County. No grading or GESC (grading erosion and sediment control) permit would be required for any of the alternatives due to the disturbed area being less than an acre. Regardless, care should be taken to provide sediment control during the project.

The contractor would need to obtain contractor permits including a CDPHE stormwater permit.

C. Next Steps

Because Johnson Reservoir is classified as a Waters of the United States (WOTUS) a section 404 permit from the US Army Corps of Engineers will be required regardless of which option is selected. It is likely that most of the options presented herein would fall under a Nationwide permit, however an environmental permitting expert should be consulted prior to advancing any design solutions or any action is taken within or adjacent to the reservoir.



VI. REFERENCES

Jefferson County. *Storm Drainage Design & Technical Criteria*. 1987 Edition with revisions through December 2019.

Urban Drainage and Flood Control District (UDFCD). *Urban Storm Drainage Criteria Manual, Volumes 1 & 2.* 2001 Edition with revisions through August 2018





VII. APPENDICES





A. Mapping





NORTHWEST QUARTER OF SECTION 23 TOWNSHIP 5 SOUTH, RANGE 69 WEST OF THE 6TH P.M., JEFFERSON COUNTY, STATE OF COLORADO

EXISTING CONDITIONS BASE MAP

MARCH 2020



NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables shown on this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Floodway Data table shown on

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 13. The horizontal datum was NAD 83, GRS 1980 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov or contact the National Geodetic Survey at the following

NGS Information Services NOAA, N/NGS12 National Geodetic Survey SSMC-3, #9202 1315 East-West Highway Silver Spring, Maryland 20910-3282 (301) 713-3242

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713- 3242, or visit its website at http://www.ngs.noaa.gov.

Base map information shown on this FIRM was derived from U.S. Geological Survey Digital Orthophoto Quadrangles produced at a scale of 1:12,000 from photography dated 1998 or later.

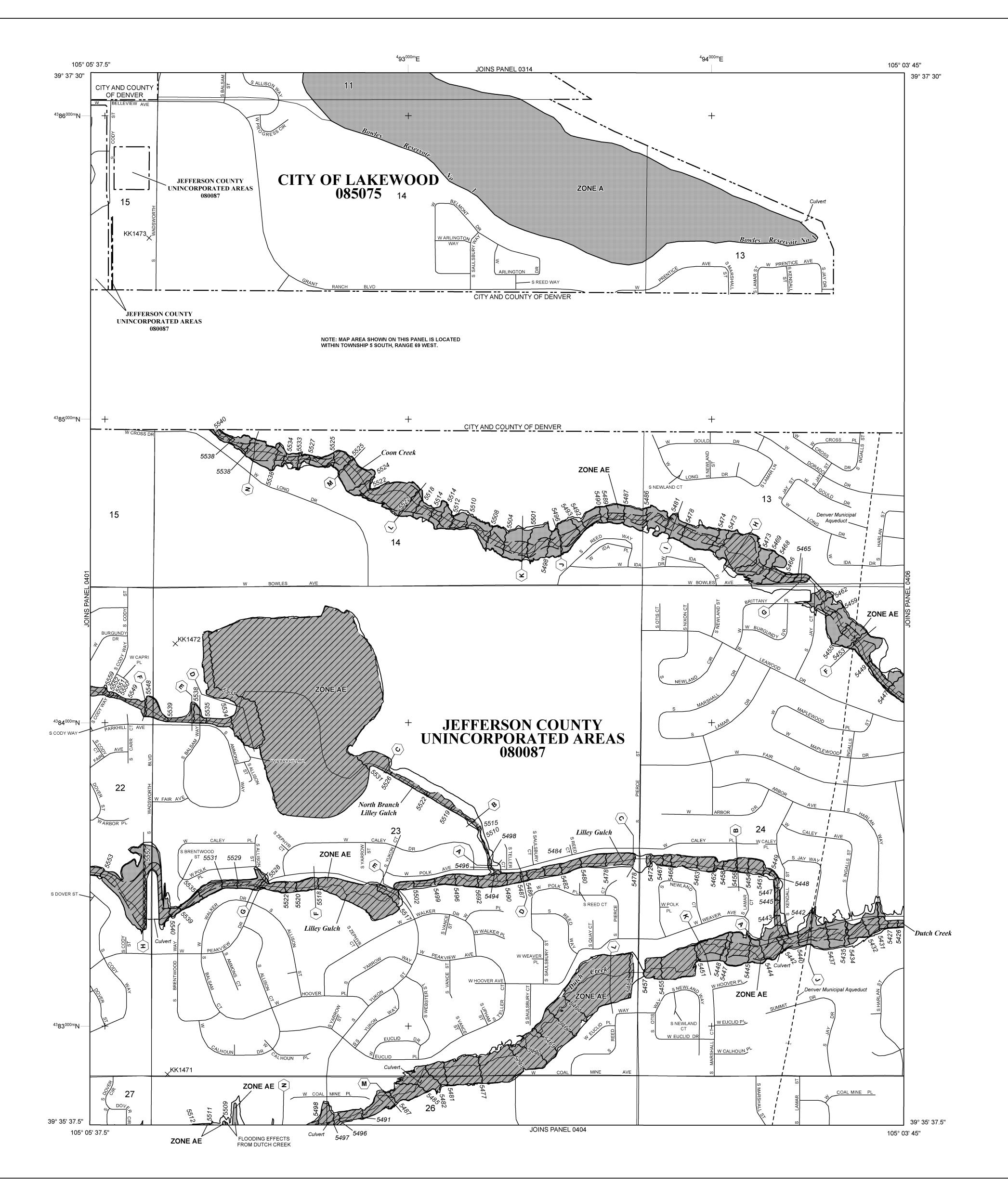
This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables to conform for multiple streams in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community

For Information on available products associated with this FIRM, visit the FEMA Map Service Center (MSC) website at http://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, or digital versions of this map. Many of these products can be ordered or obtained directly from

If you have **questions about this map**, how to order products, or the National Flood Insurance Program in general, please call the **FEMA Map Information eXchange** (FMIX) at 1-877-FEMA MAP (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/.



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard

include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface

No Base Flood Elevations determined.

elevation of the 1% annual chance flood.

ZONE AE Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined. Special Flood Hazard Areas formerly protected from the 1% annual chance

flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations

ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

OTHER AREAS

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D Areas in which flood hazards are undetermined, but possible. COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas. 1% Annual Chance Floodplain Boundary

0.2% Annual Chance Floodplain Boundary

Floodway boundary Zone D boundary

CBRS and OPA boundary •••••

Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.

Base Flood Elevation line and value; elevation in feet* ~~~ 513~~~

Base Flood Elevation value where uniform within zone; elevation in (EL 987)

*Referenced to the North American Vertical Datum of 1988

(23) - - - - - (23) Geographic coordinates referenced to the North American Datum of

1983 (NAD 83) Western Hemisphere

1000-meter Universal Transverse Mercator grid values, zone 13N

Bench mark (see explanation in Notes to Users section of this FIRM

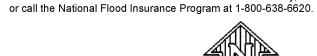
MAP REPOSITORIES Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL February 5, 2014: to update corporate limits, to change base flood elevations, to add base flood elevations, to add special flood hazard areas, to update map format, to add roads and road names, to reflect updated topographic information, to incorporate previously issued letters of map revision.

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent



FIRM FLOOD INSURANCE RATE MAP JEFFERSON COUNTY, COLORADO AND INCORPORATED AREAS **PANEL 402 OF 675** (SEE MAP INDEX FOR FIRM PANEL LAYOUT) JEFFERSON COUNTY 080087 085075 0402 _AKEWOOD, CITY OF

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

PANEL 0402F





B. Costing





MATRIX PROJECT NO. 19.1103.001

Concrete Headwall and Wingwalls (Alt 1)

BID ITEM NO.	DESCRIPTION OF BID ITEM	QUANTITY	PAY UNIT	UNIT PRICE	TOTAL COST OF BID ITEM			
	Site Preparation							
1	Mobilization and Demobilization	1	LS	\$10,000	\$10,000			
2	Water Control and Dewatering	1	LS	\$30,000	\$30,000			
3	Construction Staking & Surveying	1	LS	\$1,000	\$1,000			
4	Demo and Disposal	1	LS	\$2,000	\$2,000			

Sub-Total \$43,000

	Concrete Work							
5	Headwall	3	CY	\$1,200	\$3,000			
6	Wingwall	12	CY	\$1,200	\$14,400			

Sub-Total \$17,400

	Wingwall Protection						
7 Soil Riprap, Type M 5 CY \$100 \$500							

Sub-Total \$500

	Re-Vegetation and Erosion Control							
8	Soil Amendment	20	LBS	\$2.50	\$50			
9	Seeding	1,000	SF	\$0.20	\$200			
10	Regrading	1	LS	\$1,000	\$1,000			

Sub-Total \$1,250

 Sub-Total
 \$62,150

 Soft Costs 15%
 \$9,322.50

 Contingency 25%:
 \$15,537.50

Total: \$87,010



MATRIX PROJECT NO. 19.1103.001

Sheetpile (Alt 2)

BID ITEM NO.	DESCRIPTION OF BID ITEM	QUANTITY	PAY UNIT	UNIT PRICE	TOTAL COST OF BID ITEM			
	Site Preparation							
1	Mobilization and Demobilization	1	LS	\$10,000	\$10,000			
2	Water Control and Dewatering	1	LS	\$1,000	\$1,000			
3	Construction Staking & Surveying	1	LS	\$1,000	\$1,000			
4	Demo and Disposal	1	LS	\$2,000	\$2,000			

Sub-Total \$14,000

Sheetpile							
5	Sheetpile (50'L x 15'D)	750	SF	\$60	\$45,000		
6	Sheetpile Cap and Trail-Side Slab	5	CY	\$1,200	\$6,000		

Sub-Total \$51,000

	End Protection and Sheetpile Masking							
7	Soil Riprap, Type M	40	CY	\$100	\$4,000			

Sub-Total \$4,000

	Re-Vegetation and Erosion Control								
8	Soil Amendment	10	LBS	\$2.50	\$25				
9	Seeding	500	SF	\$0.20	\$100				
10	Regrading	1	LS	\$1,000	\$1,000				

Sub-Total \$1,125

 Sub-Total
 \$70,125

 Soft Costs 15%
 \$10,518.75

 Contingency 25%:
 \$17,531.25

Total: \$98,175



MATRIX PROJECT NO. 19.1103.001

Riprap (Alt 3)

BID ITEM NO.	DESCRIPTION OF BID ITEM	QUANTITY	PAY UNIT	UNIT PRICE	TOTAL COST OF BID ITEM			
	Site Preparation							
1	Mobilization and Demobilization	1	LS	\$10,000	\$10,000			
2	Water Control and Dewatering	1	LS	\$10,000	\$10,000			
3	Construction Staking & Surveying	1	LS	\$1,000	\$1,000			
4	Demo and Disposal	1	LS	\$2,000	\$2,000			

Sub-Total \$23,000

	Flared End Section Reattach							
6	Class II Aggregate	5	CY	\$100	\$500			
6	Sheetpile (8'L x 10'D)	80	SF	\$60	\$4,800			

Sub-Total \$5,300

	Riprap						
6	Soil Riprap, Type M	100	CY	\$100	\$10,000		

Sub-Total \$10,000

7 Geotextile 145 SY \$15 \$2,175	Geotextile						
	7 Geotextile		145	SY			

Sub-Total \$2,175

Re-Vegetation and Erosion Control					
8	Soil Amendment	26	LBS	\$2.50	\$65
9	Seeding	1,300	SF	\$0.20	\$260
10	Blanketing	150	SY	\$5	\$750
10	Regrading	1	LS	\$1,000	\$1,000

Sub-Total \$2,075

 Sub-Total
 \$42,550

 Soft Costs 15%
 \$6,382.50

 Contingency 25%:
 \$10,637.50

Total: <u>\$59,570</u>



MATRIX PROJECT NO. 19.1103.001

Riprap with Sheetpile (Alt 4)

BID ITEM NO.	DESCRIPTION OF BID ITEM	QUANTITY	PAY UNIT	UNIT PRICE	TOTAL COST OF BID ITEM
Site Preparation					
1	Mobilization and Demobilization	1	LS	\$10,000	\$10,000
2	Water Control and Dewatering	1	LS	\$1,000	\$1,000
3	Construction Staking & Surveying	1	LS	\$1,000	\$1,000
4	Demo and Disposal	1	LS	\$2,000	\$2,000

Sub-Total \$14,000

Flared End Section Reattach and Sheetpile					
6	Class II Aggregate	5	CY	\$100	\$500
6	Sheetpile (50'L x 10'D)	500	SF	\$60	\$30,000

Sub-Total \$30,500

Riprap					
6	Soil Riprap, Type M	100	CY	\$100	\$10,000

Sub-Total <u>\$10,000</u>

Geotextile					
7	Geotextile	145	SY	\$15	\$2,175

Sub-Total \$2,175

Re-Vegetation and Erosion Control					
8	Soil Amendment	26	LBS	\$2.50	\$65
9	Seeding	1,300	SF	\$0.20	\$260
10	Blanketing	150	SY	\$5	\$750
10	Regrading	1	LS	\$1,000	\$1,000

Sub-Total \$2,075

 Sub-Total
 \$58,750

 Soft Costs 15%
 \$8,812.50

 Contingency 25%:
 \$14,687.50

Total: <u>\$82,250</u>



MATRIX PROJECT NO. 19.1103.001

Flexamat (Alt 5)

BID ITEM NO.	DESCRIPTION OF BID ITEM	QUANTITY	PAY UNIT	UNIT PRICE	TOTAL COST OF BID ITEM
Site Preparation					
1	Mobilization and Demobilization	1	LS	\$10,000	\$10,000
2	Water Control and Dewatering	1	LS	\$10,000	\$10,000
3	Construction Staking & Surveying	1	LS	\$1,000	\$1,000
4	Demo and Disposal	1	LS	\$5,000	\$2,000

Sub-Total \$23,000

l	Flared End Section Reattach					
I	6	Class II Aggregate	5	CY	\$100	\$500
	6	Sheetpile (8'L x 10'D)	80	SF	\$60	\$4,800

Sub-Total \$5,300

Flexamat					
6	Flexamat	1,300	SF	\$12.00	\$15,600

Sub-Total \$15,600

Re-Vegetation and Erosion Control					
7	Soil Amendment	26	LBS	\$2.50	\$65
8	Seeding	1,300	SF	\$0.20	\$260
9	Regrading	1	LS	\$1,000	\$1,000
B				A : = / :	4

Sub-Total \$1,325

 Sub-Total
 \$45,225

 Soft Costs 15%
 \$6,783.75

 Contingency 25%:
 \$11,306.25

Total: \$63,315



C. Alternative Exhibits and Calcs





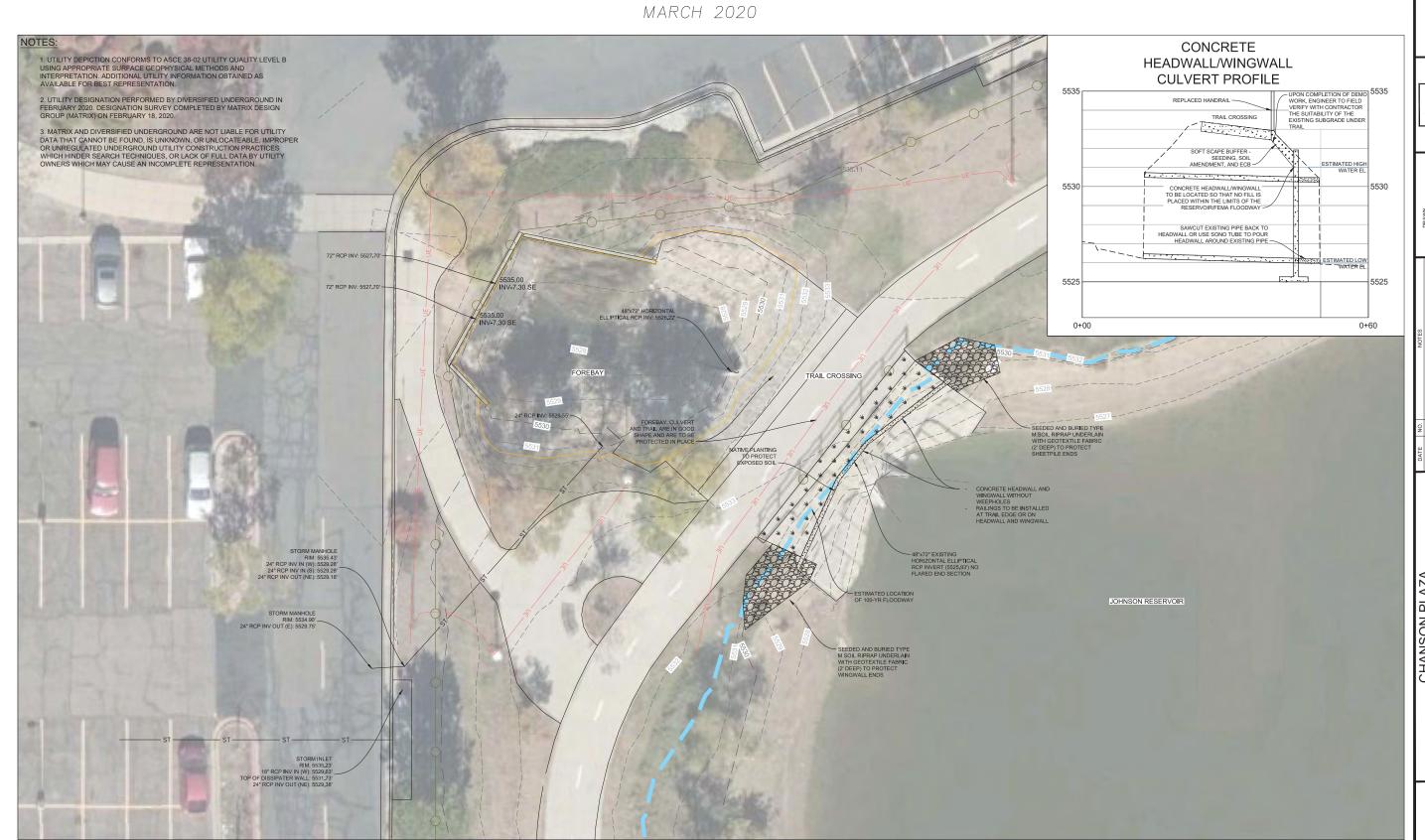


1601 BLAKE ST, SUITE 200 DENVER, CO 80202 PH: 303-572-0200 WWW MATRIXDESIGNGROUP COM

Matrix Matrix

NORTHWEST QUARTER OF SECTION 23
TOWNSHIP 5 SOUTH, RANGE 69 WEST OF THE 6TH P.M., JEFFERSON COUNTY, STATE OF COLORADO

CONCRETE HEADWALL AND WINGWALL ALT 1



PRELIMINARY
THIS DRAWING HAS NOT
BEEN APPROVED BY
GOVERNING AGENCIES AND
IS SUBJECT TO CHANGE



CHANSON PLAZA DRAINAGE ALTERNATIVE:



1601 BLAKE ST, SUITE 200 DENVER, CO 80202 PH: 303-572-0200 WWW.MATRIXDESIGNGROUP.COM

PRELIMINARY

Matrix Matrix

NORTHWEST QUARTER OF SECTION 23
TOWNSHIP 5 SOUTH, RANGE 69 WEST OF THE 6TH P.M., JEFFERSON COUNTY, STATE OF COLORADO

SHEETPILE ALT 2



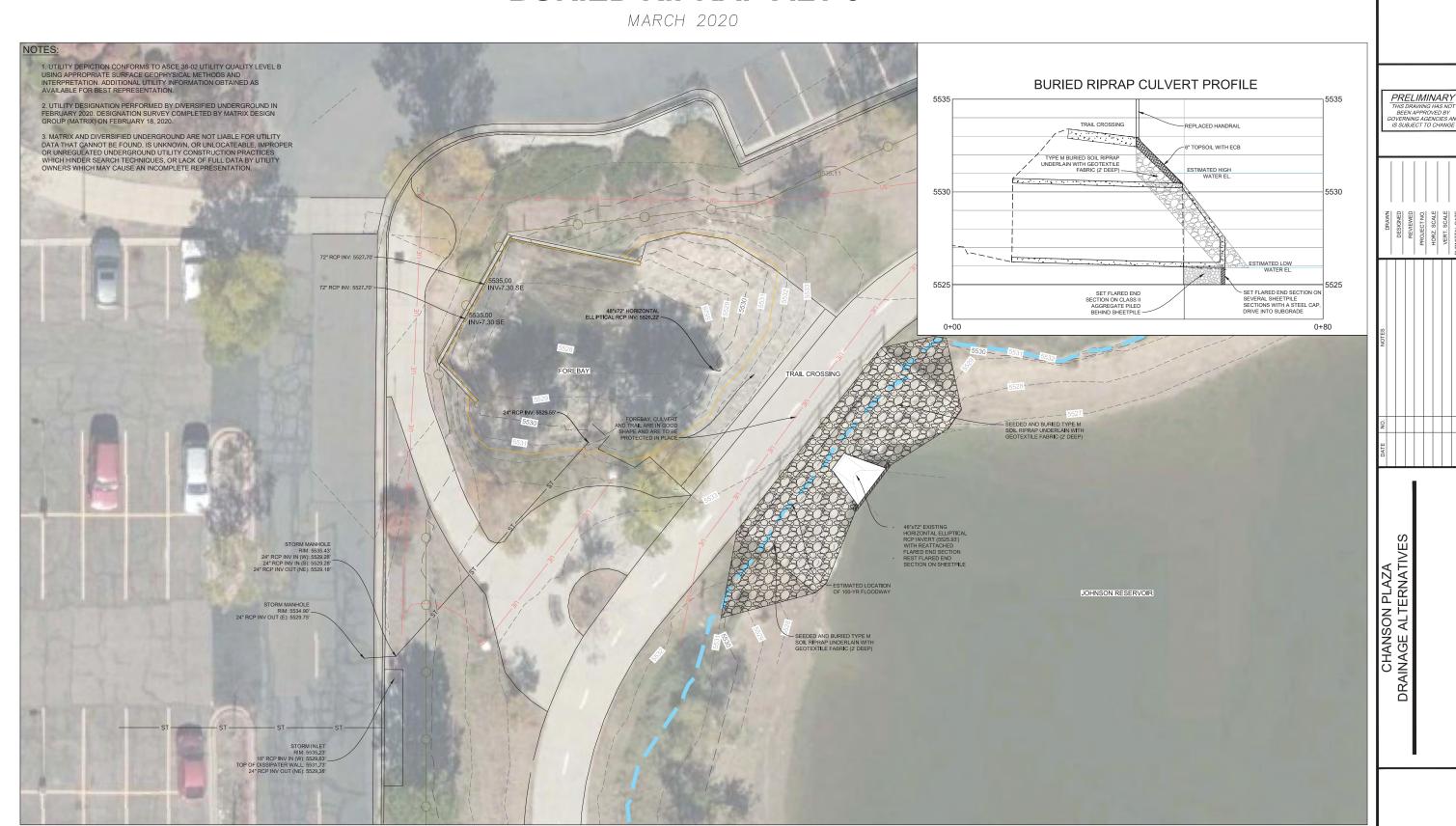


1601 BLAKE ST, SUITE 200 DENVER, CO 80202 PH: 303-572-0200 WWW.MATRIXDESIGNGROUP.COM

Matrix Matrix

NORTHWEST QUARTER OF SECTION 23
TOWNSHIP 5 SOUTH, RANGE 69 WEST OF THE 6TH P.M., JEFFERSON COUNTY, STATE OF COLORADO

BURIED RIPRAP ALT 3





1601 BLAKE ST, SUITE 200 DENVER, CO 80202 PH: 303-572-0200

Matrix Matrix

NORTHWEST QUARTER OF SECTION 23
TOWNSHIP 5 SOUTH, RANGE 69 WEST OF THE 6TH P.M., JEFFERSON COUNTY, STATE OF COLORADO

BURIED RIPRAP WITH SHEETPILE ALT 4





1601 BLAKE ST, SUITE 200 DENVER, CO 80202 PH: 303-572-0200 WWW.MATRIXDESIGNGROUP.COM

PRELIMINARY

Matrix

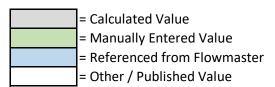
NORTHWEST QUARTER OF SECTION 23
TOWNSHIP 5 SOUTH, RANGE 69 WEST OF THE 6TH P.M., JEFFERSON COUNTY, STATE OF COLORADO

FLEXAMAT ALT 5



SOIL RIPRAP SIZING - TRAIL CROSSING EMBANKMENT

Mile High Flood District Volume I - August 2018 Chapter 8 - Open Channels 8.1.2 - Steep Slope Conditions



USACE Steep Slope Riprap Equation

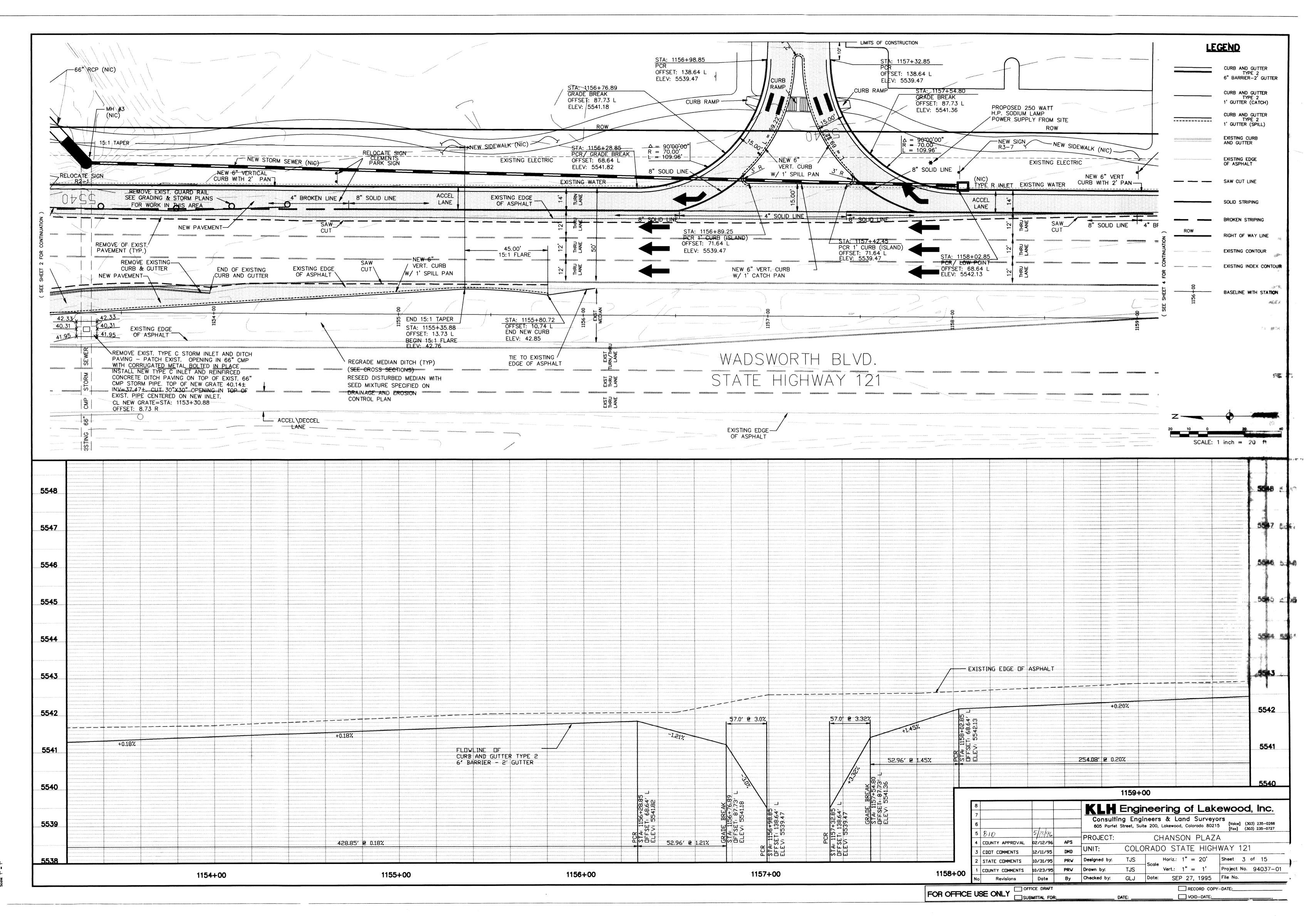
U.S. Army Corps of Engineers. 1994. Hydraulic Design of Flood Control Channels. EM 1110-2-1601, Change 1. June 30. Steep Slope Method

 $S = \boxed{0.3} \quad \textit{Channel Slope (ft/ft)}$ $q = \textit{Peak Unit Discharge (cfs/ft)} \qquad D_{50} = \textit{Median Stone Size (ft)}$ $\text{Pipe Full Flow} \quad \boxed{3.0} \qquad \text{Pipe Full Flow} = \boxed{0.99} \quad \text{*Type M riprap, Dso 1.0}$ to be used $F_{fc} = \boxed{1.25} \qquad \qquad Flow \textit{Concentration Factor (1.25 recommednded in EM 1601)}$ $q = \boxed{32.2} \qquad \qquad Gravity (ft/s^2)$ $F_{fc} \times q = \textit{Peak Unit Discharge by Flow Concentration Factor (cfs/ft)}$ $100\text{-Year} = \boxed{3.75}$

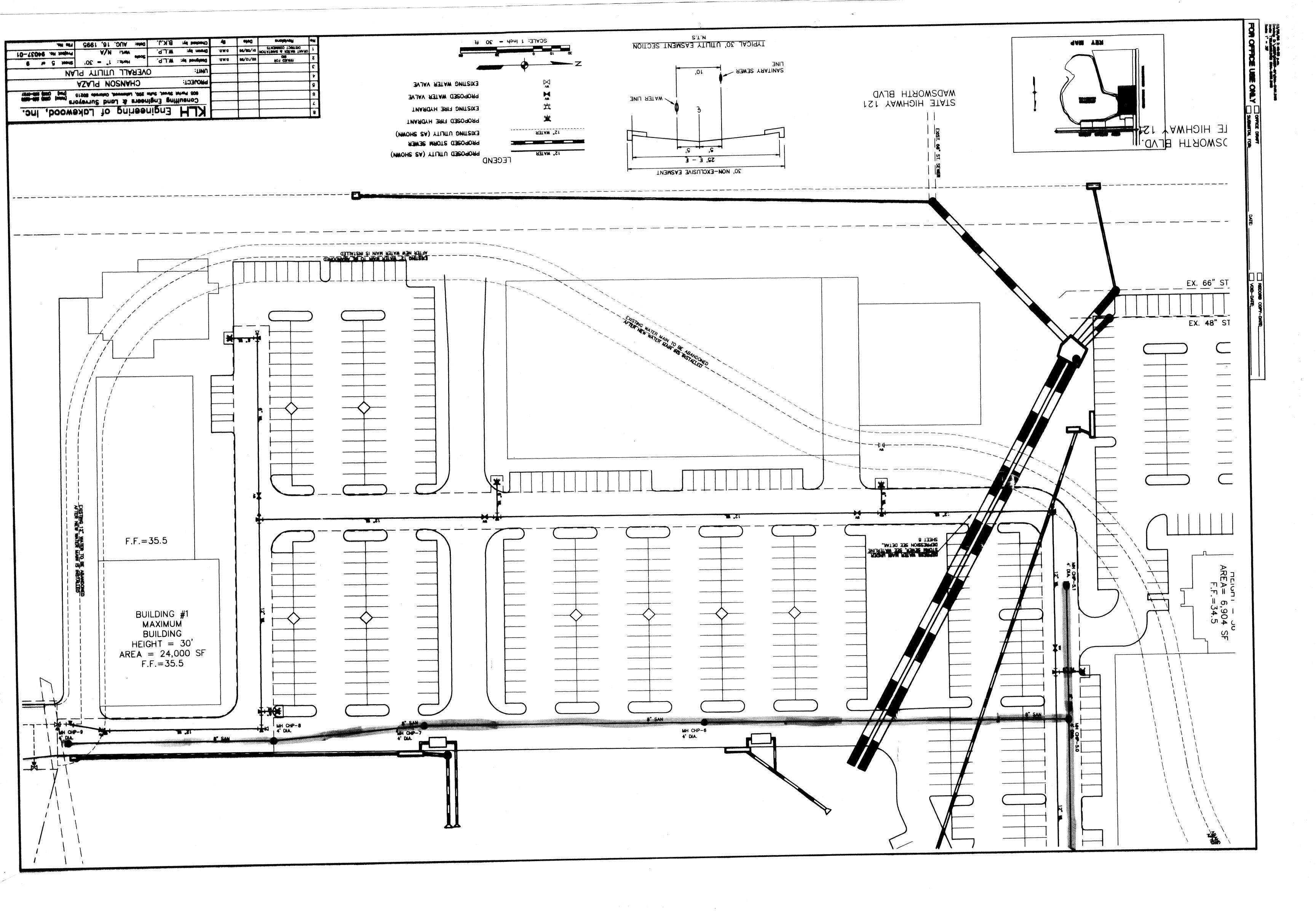
 D_{30} = Rock Diameter for which 30% is smaller by mass (ft) 100-Year = 0.76

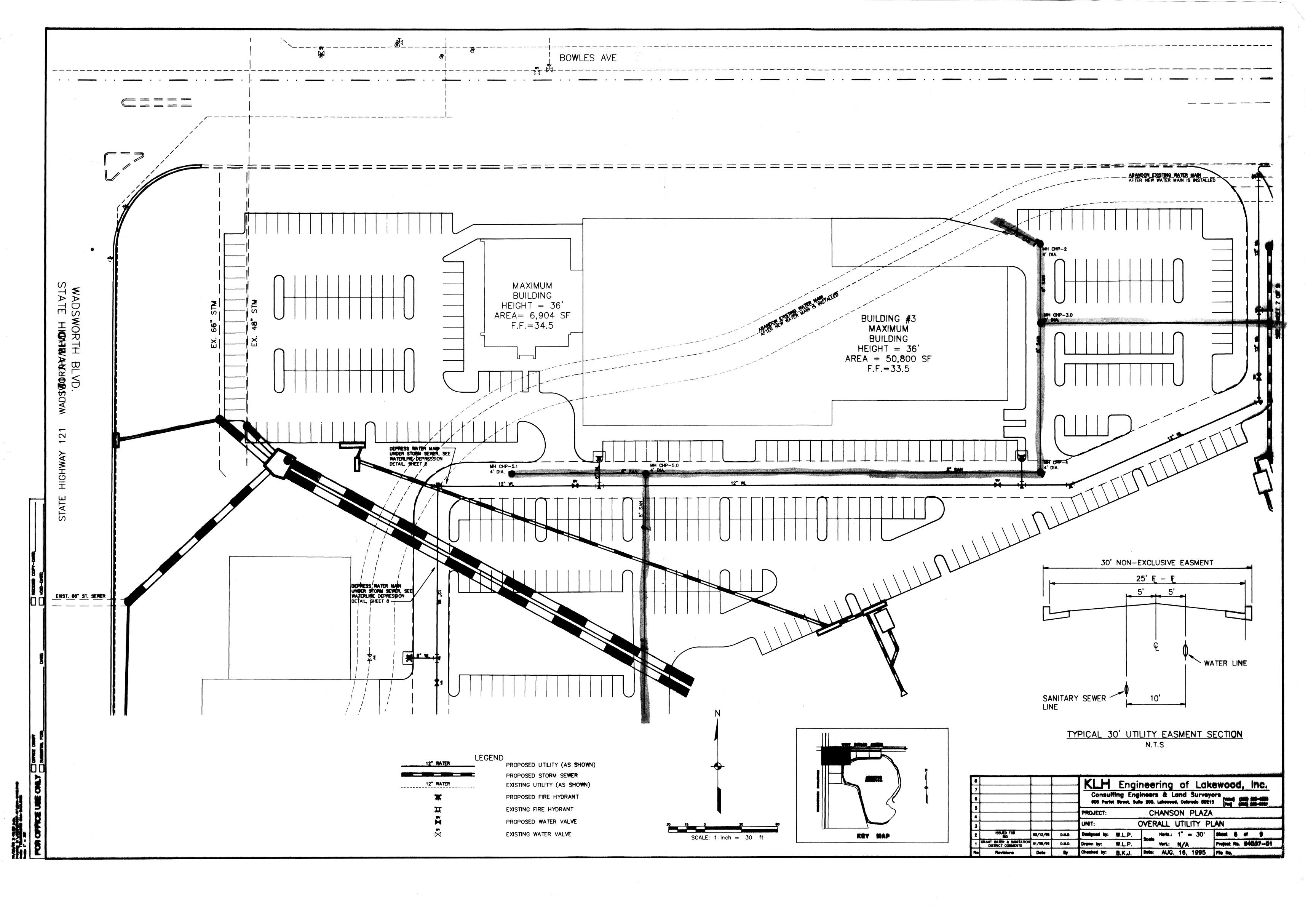
D. Reference Documents





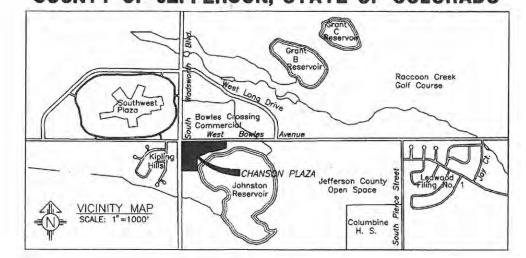
02/13/96 9: 01: 22 a.m.
Drawing: D: \u08S\94037-01\CHA-SP02.DWG (GBG Xrefs: CHA-C001.DWG CHA-BA01.DWG





CHANSON PLAZA

A PARCEL OF LAND BEING IN THE NORTHWEST QUARTER OF SECTION 23, TOWNSHIP 5 SOUTH, RANGE 69 WEST OF THE 6TH P.M. COUNTY OF JEFFERSON, STATE OF COLORADO



Know all men by these presents: that the undersigned, being the owner of those lands described below, has laid out, subdivided and platted the same into lots, streets/roads, building envelopes and easements, as shown hereon under the name and style of CHANSON PLAZA, and does, by these presents, of its own free will and voluntarily, without coercion, threat or business compulsion, grant, deflacte and convey to the County of Jefferson, State of Colorodo, in fee simple Tract A for public use and grant and convey to the County of Jefferson all easements as shown hereon (except those of prior resord) and grant and convey to the County of Jefferson and easement over any and all private access drives and righte-of-way for the purpose of passage of service and emergency vehicles (either public or private). It is expressly understood that the acceptance of the dedication of this easement is not to be construed as an acceptance by the acceptance of the dedication of this easement is not to be construed as an acceptant the County of sold private access drives and rights—of-way for any other purpose including

LEGAL DESCRIPTION:

A parcel of land in the Northwest quarter of Section 23, Township 5 South, Range 69 West of the 6th Principal Meridian, County of Jefferson, State of Colorado, more particularly described

Commencing at the Northwest corner of said Section 23; thence N 89°55'05" E a distance of 100.00 feet to a point on the East right of way line of South Wodsworth Boulevard, as said right of way is described in Book 1465, Page 27; thence S 00'21'47" W along said right of way line a distance of 88.00 feet to the True Point of Beginning; thence continuing along said East line S 00'21'47" W a distance of 1085.20 feet; thence S 89°38'13" E along the north line of Southwest Healthpark Filing No. 2 a distance of 437.21 feet; thence clong the westerly and northerly line of Johnston Reservoir as described in the instrument recorded at Reception No. 85022749 the following six (6) courses:

- N 00'12'51" E a distance of 682.86 feet;
 N 89'44'24" E a distance of 68.28 feet;
 N 69'26'13" E a distance of 43.23 feet;
 N 89'52'40" E a distance of 770.58 feet;
 N 33'16'58" E a distance of 770.58 feet;
 N 00'04'55" W a distance of 87.07 feet;
 N 00'04'55" W a distance of 139.95 feet to a point 88.00 feet South of the North

thence \$ 89°55'05" W a long a line 88.00 feet South of and parallel with the North line of sold Section 23 a distance of 1731.76 feet to the True Point of Beginning.

COVENANT AND PLAT RESTRICTION ON SALE, CONVEYANCE OR TRANSFER:

As a condition of approval of this plot by the Board of County Commissioners of Jefferson County and to meet the requirements of Section 30—28—137, C.R.S., as amended, no conveyance, sale, or transfer of title of this entire subdivision, or of any lot, lots, tract or tracts of land identified hereon, shall be made, nor shall any building permit or certificate of accupancy be issued by the County of Jefferson until a CERTIFICATE OF COMPLIANCE has been granted by the County of Jefferson, State of Colorado, duly recorded by the Clerk and Recorder of sold same County, certifying that:

(c) Those public improvements as set forth in Exhibit "A" of the Subdivision Improvements Agreement, recorded under Reception Number FOTYETS of the records of the Jefferson County Clerk and Recorder, or that parties of self improvements as shall be necessary to totally serve specific lot(s) or tract(s) covered by a particular Cartificate of Compliance, have been properly designed, engineered, constructed and accepted as meeting the standards of the County of Jefferson, applicable special districts, and applicable servicing authorities, or, that a substituted security or collateral authorized pursuant to Section 310–28–101, C.R.S., as a substituted security or collateral authorized pursuant to Section 310–28–101, C.R.S., as amended, has been submitted to and accepted by the County of Jefferson, which is sufficient in the judgment of the County to assure completion of all public improvements are set forth in Exhibit A" of said Subdivision Improvements Agreement recorded under Reception Number FOTYETS or any portion thereof necessary to serve the specific lot(s) or tract(s) to be covered by a particular Certificate of Compliance and to assure said improvements are completed in accordance with reasonable design and time specifications, and,

(b) The applicable special district or servicing authority has certified in writing to the County of Jefferson that all necessary water tops needed to serve the specific lot(s) or tract(s) to be covered by a porticular Certificate of Compliance have or will in fact be issued by such district or authority. Provided, however, that a conveyance, sale, or transfer of a specific lot or lots or tract or tracts of land identified hereon may be made prior to compliance with the provisions of this paragraph (b) where the Subdivider and the proposed transferse, who must also qualify as a "Subdivider" under the provisions of Section 30–28–137, C.R.S., as defined in Section 30–28–101(9), C.R.S., have been granted on exemption from platting from the Board of County Commissioners of Jefferson County expressly conditioned upon execution of an exemption agreement between the Board and the Subdivider whereby the transferse Subdivider agrees in writing to compliance with the some requirements and restrictions of this paragraph (b) and all pertinent provisions related thereto.

These restrictions on conveyance, sale or transfer of title of this entire subdivision or any lot, lots, tract or tracts of land identified hereon shall run with the land and shall extend to and be binding upon the heirs, executors, legal representatives and assigns of the Subdivider and shall be enforceable pursuant to the provisions of Section 30-28-137, C.R.S., as amended.

Approved, covenanted and agreed to as consideration for final plat approval by the Board of County Commissioners this 4th day of March , 1996.

The Section 14 Development Co., A Colorado General Partnership

- By: P&C Partnership, a Colorado General Partnership, General Partner By: Jacobs Jachmutta
- Sordon Perimutter, General, Portner M/Class (some
- By: Grant Properties, II., LTD, General Partne
- By: Grant Ranch LLC, General Partner DOWY 7. Davide

The foregoing dedication and the foregoing Covenant and Plot Restriction on Sale, Conveyance or Transfer were acknowledged before me this 201% day of FEBLUARY 1996 by Jordon Perimutter as Managing Agent of P&C Partnership, a General Partner of the Section 14 Development Co., a Colorado General Partnership.

Witness my hand and official seal My Commission Expires: 4-23-95



alerus Co 80202

State of Colorado Sounty of Den ver

The foregoing dedication and the foregoing Covenant and Plat Restriction on Sale, Conveyance or Transfer were admonistedged before me this #2** day of February, 1995 which cell Cooper as Managing Agent of P&C Portnership, a General Portner of the Section 14 Development Co., a Colorado General Partnership.



Denver CA 80202

The foregoing dedication and the foregoing Covenant and Plat Restriction on Sale, Conveyance or Transfer were acknowledged before me this 30 K, day of Films and by Homer L. Hancock as Manager of Grant Ranch LLC, a General Partner of Grant Properties, II, a General Partner of The Section 14 Development CO., a Colorado General Partnership.

KLH Engineering of Lakewood, Inc. Consulting Engineers & Land Surveyors
605 Perfet Street, Suits 200, Lehewood, Coloredo 80215
Feel (200) 389-6255





NOTES:

- 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 swent may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.
- Bearings are based on the north line of the Northwest Quarter of Section 2.3, Township 5 South, Range 69 West of the Sixth Principal Meridian being N 89°55'05" E.
- Any person who knowingly removes, afters or defaces any public land survey monument or land boundary monument or accessory commits a Class Two (2) Misdemeanor pursuant to State Statute 18-4-508, C.R.S.
- Buildings must be contained within building envelopes as shown on sheet 2. This means architectural features such as eaves, firsplaces, decks, cantilevers, and overhangs shall fall within the delineated building envelopes.
- 5. Except for approved drainage facilities, and associated appurtenances, no other structures shall be allowed in drainage easements as shown on the approved drainage plan on file with the County Department of Highways and Transportation. No alterations or modification to such drainage facilities and appurtenances shall be made without prior approved by the Department of Highways and Transportation. The drainage facilities and associated appurtenances shall be maintained by the developer, its successors or assigns.
- 6. Each lot contains one or more building envelopes, porking areas and private access drive. The parking areas and the private access drives will be maintained by the owners, it's successors, or assigns until such time as maintenance of the private access drives is assumed by the managing agency. The private access drives shall not be accepted for ownership nor maintained by Jefferson County in the future.
- The official development plan applicable to this subdivision is recorded in Jefferson County records at reception number 84109655.
- Finished floor elevations for each building shall be as shown on the Grading Plan as approved by Jefferson County Department of Highways and Transportation Design and Review Engineer. The approved Grading Plan is on file with the Highways and Transportation
- No building permit will be leaved within lots 1, 2 and 3 until such time as the water line
 in the Deriver Water Board easement as defined by reception number 84098983 has been
 abondoned. No building permit will be issued within lot 2 or lot 4 until such time as the
 storm pipes per reception numbers 86140817, 86154107, and 86140818 have been relocated.
- 10. Tract A is additional right-of-way for South Wadsworth Boulevard also known as Colorado
- 11. Ingress and egress to Colorado State Highway 121 shall be limited to the access points shown on this plot.

Prior to the issuance of each building permit, a geotechnical engineer, licensed in the State of Colorada and experienced in design and construction of structures on expansive soils, shall certify to the County the following.

- That a subsurface soils investigation, including a test boring, has been conducted on the specific lot to which the building permit references and that a determination has been made as to the design criteria necessary to assure the sofety and structural integrity for all buildings and structures as defined in Section 1 of the Jefferson County Zoning Resolution.
- That proper subsurface drainage has been designed for the specific lot to which the building permit references and that a determination has been made as to the design criteria necessary to assure the safety and structural integrity for all buildings and structures as defined in Section 1 of the Jefferson County Zoning Resolution.
- That the plans submitted to Jefferson County Building Department have been reviewed and/or prepared by subject engineer and that he has verified that said plans meet a exceed the criteria set forth in paragraphs (1) and (2) above.

Before the County performs a final inspection pursuant to the County Building Code, on engineer, licensed in the State of Colorado and experienced in the field of design and construction of structures on expansive soils, shall verify and certify that the actual construction of the foundation and subsurface drainage system meets the specification in the plane as submitted in the building permit application.

REVIEW CERTIFICATE:

Reviewed by the Jefferson County Administrative Review Team this 26th day of FEBPURRY

Reviewed by the Jefferson County Department of Health and Environment this 29th day of

MAP NO. _

CASE NO. SC31-11-94

VACATION CERTIFICATE:

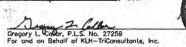
Drainage Easements and a portion of Right-of-Way as superseded by this plot, deeded to Jefferson County by Reception Numbers 86140817, 86140818 and 88070185, one hereby vacated.



SURVEYOR'S CERTIFICATION:

I, Gregory L. Collar, a Registered Land Surveyor in the State of Colorado, do hereby certify that the survey of CHANSON PLAZA was made by me or directly under my supervision on or obout the 21st day of April, 1995, and that the accompanying plot accurately and properly shows sold subdivision and the survey thereof.

Dated this 20 day of FEBRUARY



ATTORNEY'S CERTIFICATE:

), Skeldon Siverman, an Attorney at Law duly licensed to practice before Courts of Record of the State of Colorado, do hereby certify that I have examined the title of lands hereh dedicated and shown upon the within plot as public lands, public ways and easements, and the title of such lands is in the dedicator(s), free and clear of all liens and encumbrances.

Altorney at Low
Registration Number 2514

ACCEPTANCE CERTIFICATE:

The foregoing plat is approved for filling; and conveyance of Tract A and the easements is accepted by the County of Jefferson, State of Colorado, this 4Th day of March 1996.



Board of Bounty Commissioners

Beef Mills

Chairman Profitem dow K. Dineall

CLERK AND RECORDER'S CERTIFICATE:

Accepted for filling in the Office of the County Clerk and Recorder of Jefferson County at Golden, Colorado on this 4th day of WARCA., 1995.

Reception No. <u>F0194826</u> Time <u>13:48 P.78</u>.

JOAN FITZ - GERALO

liger over co. 0- 'po

SHEET 1 OF 2

OK Q.R.C. 4 March 1996

BK 128 pg 24 Reat F0194826 CHANSON PLAZA MAP NO. _ BOWLES CROSSING A PARCEL OF LAND BEING IN THE NORTHWEST QUARTER OF SECTION 23, CASE NO. _____SC31-11-94 BK. 88 PG. 8 TOWNSHIP 5 SOUTH, RANGE 69 WEST OF THE 6TH P.M. REC. # 86028732 COUNTY OF JEFFERSON, STATE OF COLORADO BASIS OF BEARING NORTH LINE OF THE NW 1/4 SEC. 23 N 89"55"05" E 2845.70" POINT OF COMMENCEMENT NW COR. SEC. 23 3 1/4" ALUM CAP STAMPED LS 27259 IN RANGE BOX R = 50.00' T = 49.61' L = 78.15' S00'42'01" REC & FO121957 TO BE VACATED BY THE DENVER WATER BOARD S00'42'01"W-838.64 L5' SIDEWALL TRUE POINT LE SIDEWALK 389.57 RAINAGE EASEMENT 2.10 AC LOT 3 29.94 23.575 29.94 23.575 20.75 23.575 TO BE VACATED BY THE DENVER WATER BOARD \$89'55'05"W 150.01" TRACT A LOT : 1.86 AC 55.00 1.86 AC 57.07 58.00 57.00 1.86 AC 57.07 58.00 57.0 SO' UTILITY LOT 5 N89'55'05"E 351.24" 0.27 AC SIM SEWER, UTILITY,
46.60 ENVELOPE 4A AND DRAINAGE EASEMENTS BUILDING ENVELOPE 4C MAXIMUM BUILDING HEIGHT = 24* GFA = 6,958 S F.F.= 34.1 543'23'09' 13 UTLUTY ESMT. MES 2752 W 1 341.64 25' UTRITY N89'52'40"E 770.58 444.96 30 UTILITY AND DRAINAGE EASEMENT

AND PRIVADE ACCESS DRIVE 324.08 SAN. SEWER, UTILITY,
IN AND DRAINAGE EASEMENTS
STI-OVERLAP HERE. JOHNSTON RESERVOIR RECEPTION NO. 85022749 EASOMOVITOE BUILDING PERMIT WILL BE ISSUED FOR BUILDING ENVELO 2A & 2B UNTIL SUCH THE AS THE ENCROACHING EASEMENT IS VACATED BY THE DERVER WATER BOARD, AND BY SOUTH WEST PROPERTIES VENTURE LOT 2 4.54 AC LEGEND FOUND #4 REBAR 18" LONG WITH 1" YELLOW PLASTIC CAP LS 25379 88719'32'W NB9'38'13"E 15.84' NOTES All building envelope lines are parallel to the lot lines to which they are tied unless noted otherwise. 3. "GFA" Indicates Ground Floor Area. 4. F.F. indicates Finished Floor Elevation LOT 1 3.42 AC C16 58938'13"E 126,50" \$89'38'13'E 122.00' 10.00 30' UTILITY AND DRAINAGE EASEMENT BUILDING
HEIGHT = 26'
GFA = 12,000 SF
F.F.= 37.3 N89'38'13"W SOUTHWEST SCALE: 1 inch = 60 ft DATE OF SURVEY: APRIL 21, 1995 HEALTHPARK FILING NO. 2 W 1/4 COR. SEC 23 5-1/4" ALUMINUM CAP STAMPED LS 27259 BK. 104 PG. 41-43 REC. # 90101035 TO BE VACATED BY THE DENVER WATER BOARD E SIDEWALK KLH Engineering of Lakewood, Inc. Consulting Engineers & Land Surveyors 605 Parfet Street, Suite 200, Lokewood, Colorado 80215 [Fed] (303) 235-0727 S89'38'13"E SHEET 2 OF 2

LEGAL DESCRIPTION: PARCEL A:

ALL OF CHANSON PLAZA AMENDMENT NO. 4, ACCORDING TO THE PLAT THEREOF RECORDED FEBRUARY 6, 1997 AT RECEPTION NO. F0368180; AN AMENDMENT OF CHANSON PLAZA, ACCORDING TO THE PLAT THEREOF RECORDED MARCH 4, 1996 AT RECEPTION NO. F0194826; CHANSON PLAZA AMENDMENT NO. 1, ACCORDING TO THE PLAT THEREOF RECORDED ON MAY 7, 1996 AT RECEPTION NO. F0229684; CHANSON PLAZA AMENDMENT NO. 2 ACCORDING TO THE PLAT THEREOF RECORDED JUNE 18, 1996 AT RECEPTION NO. F0254185; AND CHANSON PLAZA AMENDMENT NO. 3, ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 9, 1996 AT RECEPTION NO. F0283351, COUNTY OF JEFFERSON, STATE OF COLORADO.

PARCEL B:

THOSE BENEFICIAL RIGHTS PERTAINING TO THE DISPOSAL OF STORM DRAINAGE GENERATED BY SUBJECT PROPERTY INTO JOHNSON RESERVOIR, CREATED BY TERMS OF INSTRUMENTS RECORDED JUNE 18, 1981 IN RECEPTION NO. 81043521; JANUARY 2, 1985 IN RECEPTION NO. 85000280; SEPTEMBER 17, 1992 IN RECEPTION NO. 92115766, AND SEPTEMBER 17, 1992 IN RECEPTION NO. 92115767, COUNTY OF JEFFERSON, STATE OF COLORADO.

TITLE COMMITMENT NOTES:

1. THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY MATRIX DESIGN GROUP, INC. TO DETERMINE THE COMPATIBILITY OF THIS DESCRIPTION WITH THAT OF ADJACENT TRACTS OF LAND, OWNERSHIP OR EASEMENTS OF RECORD. FOR ALL INFORMATION REGARDING EASEMENTS, RIGHTS-OF-WAY OR TITLE OF RECORD, MATRIX DESIGN GROUP, INC. RELIED UPON THE PRO FORMA ENDORSEMENT ATTACHED TO POLICY NO. CW-1425767, ISSUED BY FIRST AMERICAN TITLE INSURANCE COMPANY, DATED JULY 10, 1997.

THE FOLLOWING COMMENTS ARE IN REGARDS TO THE ABOVE-REFERENCED TITLE POLICY. THE NUMBERS IN OUR COMMENTS CORRESPOND TO THE NUMBERING SYSTEM USED IN SAID POLICY.

SCHEDULE A

1,,2,,3. MATRIX DESIGN GROUP, INC. DID NOT EXAMINE OR ADDRESS THESE ITEMS.

4. THE LEGAL DESCRIPTION OF THE SUBJECT PARCEL IS SHOWN HEREON, TO THE BEST OF OUR INFORMATION, KNOWLEDGE AND BELIEF.

SCHEDULE B - PART 1

1. RIGHTS OR CLAIMS OF PARTIES IN POSSESSION NOT SHOWN BY THE PUBLIC RECORD, ARE SHOWN HEREON, PER EVIDENCE THAT WAS VISIBLE AND APPARENT DURING THIS SURVEY, TO THE BEST OF OUR INFORMATION, KNOWLEDGE AND BELIEF.

- 2. EASEMENTS OR CLAIMS OF EASEMENTS NOT SHOWN BY THE PUBLIC RECORD ARE SHOWN HEREON, PER EVIDENCE THAT WAS VISIBLE AND APPARENT DURING THIS SURVEY, TO THE BEST OF OUR INFORMATION, KNOWLEDGE AND BELIEF.
- 3. DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, SHORTAGES IN AREA AND ENCROACHMENTS NOT SHOWN BY THE PUBLIC RECORD, ARE SHOWN HEREON, PER EVIDENCE THAT WAS VISIBLE AND APPARENT DURING THIS SURVEY, TO THE BEST OF OUR INFORMATION, KNOWLEDGE AND BELIEF.
- 4.,5. MATRIX DESIGN GROUP, INC. DID NOT EXAMINE OR ADDRESS THESE ITEMS.
- 6. THE RIGHT OF THE PROPRIETOR OF A VEIN OR LODE TO EXTRACT AND REMOVE HIS ORE THEREFROM SHOULD THE SAME BE FOUND TO PENETRATE OR INTERSECT THE PREMISES HEREBY GRANTED, AND A RIGHT OF WAY FOR DITCHES OR CANALS CONSTRUCTED BY THE AUTHORITY OF THE UNITED STATES, AS RESERVED IN UNITED STATES PATENT RECORDED ON JANUARY 26, 1897 IN BOOK 97 AT PAGE 154. MATRIX DESIGN GROUP, INC. DOES NOT EXAMINE OR ADDRESS (GAS) (OIL) (OR OTHER) MINERAL RIGHTS. MATRIX DESIGN GROUP, INC., AND THE SURVEYOR OF RECORD, ASSUMES NO RESPONSIBILITY FOR THE MINERAL RIGHTS ON THIS TRACT OF LAND.
- 7. TERMS, CONDITIONS, OBLIGATIONS AND AGREEMENTS PERTAINING TO THE DETENTION OF STORM DRAINAGE FROM SOUTHWEST PLAZA. AND ALL EASEMENTS RELATIVE THERETO. CONTAINED IN DECLARATION OF COVENANTS RECORDED JUNE 18, 1981 AT RECEPTION NO 81043521; AMENDMENT TO DECLARATION OF COVENANTS RECORDED JANUARY 2, 1985 AT RECEPTION NO. 85000280: STORM DRAINAGE AGREEMENT RECORDED SEPTEMBER 17. 1992 AT RECEPTION NO. 92115766, AND STORM DRAINAGE AGREEMENT RECORDED SEPTEMBER 17, 1992 AT RECEPTION NO. 92115767, ARE SHOWN HEREON, PER EVIDENCE THAT WAS VISIBLE AND APPARENT DURING THIS SURVEY, TO THE BEST OF OUR INFORMATION, KNOWLEDGE AND BELIEF.
- EASEMENTS FOR STORM AND SURFACE WATER DRAINAGE, AND OTHER PURPOSES. GRANTED TO SOUTHWEST PROPERTIES VENTURE. A COLORADO JOINT VENTURE. IN DEED RECORDED DECEMBER 12, 1986 AT RECEPTION NO. 86154107, ARE SHOWN HEREON, PER EVIDENCE THAT WAS VISIBLE AND APPARENT DURING THIS SURVEY, TO THE BEST OF OUR INFORMATION, KNOWLEDGE AND BELIEF.
- TERMS, CONDITIONS, COVENANTS AND AGREEMENTS IMPOSED BY TERMS OF OFFICIAL DEVELOPMENT PLAN FOR CHANSON PLAZA, RECORDED ON NOVEMBER 27, 1984 AT RECEPTION NO. 84109655, AND DESIGN REVIEW BOARD COVENANT IN CONNECTION THEREWITH, BY THE SECTION 14 DEVELOPMENT CO., A COLORADO GENERAL PARTNERSHIP, RECORDED FEBRUARY 14, 1996 AT RECEPTION NO. F0186186. MATRIX DESIGN GROUP, INC. DID NOT EXAMINE OR ADDRESS THIS ITEM.
- 10. LIMITATIONS, CONDITIONS, COVENANTS AND AGREEMENTS IMPOSED BY TERMS OF GRANT RANCH OFFICIAL DEVELOPMENT PLAN RECORDED APRIL 28, 1989 AT RECEPTION NO. 89036324. MATRIX DESIGN GROUP, INC. DID NOT EXAMINE OR ADDRESS THIS ITEM.
- 11. EASEMENT FOR UTILITY LINES AN OTHER PURPOSES GRANTED TO THE MOUNTAIN STATES TELEPHONE AND TELEGRAPH COMPANY IN INSTRUMENT RECORDED JUNE 3, 1986 AT RECEPTION NO. 86058782; STREET DEDICATIONS, IN CONNECTION WITH SAID EASEMENT, RECORDED MARCH 4, 1996 AT RECEPTION NO. F0194827 AND RECEPTION NO. F0194828, IS SHOWN HEREON TO THE BEST OF OUR INFORMATION, KNOWLEDGE AND BELIEF.
- 12. EASEMENT FOR WATER PIPELINE AND OTHER PURPOSES GRANTED TO CITY AND COUNTY OF DENVER ACTING BY AND THROUGH ITS BOARD OF WATER COMMISSIONERS IN INSTRUMENT RECORDED ON SEPTEMBER 28, 1995 AT RECEPTION NO. F0121957 IS SHOWN HEREON TO THE BEST OF OUR INFORMATION, KNOWLEDGE AND BELIEF.
- 13 EASEMENT FOR WATER PIPELINE AND OTHER PURPOSES GRANTED TO CITY AND COUNTY OF DENVER ACTING BY AND THROUGH ITS BOARD OF WATER COMMISSIONERS IN INSTRUMENT RECORDED SEPTEMBER 28, 1995 AT RECEPTION F0121956 IS SHOWN HEREON TO THE BEST OF OUR INFORMATION, KNOWLEDGE AND BELIEF.
- 14. EASEMENT FOR SANITARY SEWER AND OTHER PURPOSES GRANTED TO GRANT WATER AND SANITATION DISTRICT IN INSTRUMENT RECORDED DECEMBER 16, 1996 AT RECEPTION NO. F0345374; CONSENT TO EASEMENT AGREEMENT RECORDED DECEMBER 16, 1995 AT RECEPTION NO. F0345375 IS SHOWN HEREON TO THE BEST OF OUR INFORMATION, KNOWLEDGE AND BELIEF.

SCHEDULE B - PART 1 (CONT.)

- 15. EASEMENTS FOR SIDEWALK, UTILITY, DRAINAGE, PRIVATE ACCESS DRIVES, SANITARY SEWER, EMERGENCY ACCESS, AND OTHER PURPOSES AS SET FORTH AND RESERVED ON THE PLATS OF CHANSON PLAZA, RECORDED MON MARCH 4, 1996 AT RECEPTION NO. F0194826; CHANSON PLAZA AMENDMENT NO. 1 RECORDED MAY 7, 1996 AT RECEPTION NO. F0229684; CHANSON PLAZA AMENDMENT NO. 2 RECORDED JUNE 18, 1996 AT RECEPTION NO. F025485; CHANSON PLAZA AMENDMENT NO. 3 RECORDED AUGUST 9, 1996 AT RECEPTION NO. F0283351, AND CHANSON PLAZA AMENDMENT NO. 4, RECORDED ON FEBRUARY 6, 1997 AT RECEPTION NO. F0368180 IS SHOWN HEREON TO THE BEST OF OUR INFORMATION, KNOWLEDGE AND BELIEF.
- 16. TERMS CONDITIONS AND OBLIGATIONS OF SUBDIVISION IMPROVEMENTS AGREEMENT BY AND BETWEEN THE SECTION 14 DEVELOPMENT CO., A COLORADO GENERAL PARTNERSHIP, AND JEFFERSON COUNTY, RECORDED ON MARCH 4, 1996 AT RECEPTION NO. F0194825.
- 17. COVENANTS, NOTES, RESTRICTIONS AND CONDITIONS SPECIFIED AND RESERVED ON THE PLATS OF CHANSON PLAZA, RECORDED ON MARCH 4, 1996 AT RECEPTION NO. F0194826; CHANSON PLAZA AMENDMENT NO. 1 RECORDED MAY 7, 1996 AT RECEPTION NO. F0229684; CHANSON PLAZA AMENDMENT NO. 3 RECORDED AUGUST 9, 1996 AT RECEPTION NO. F0283351, AND CHANSON PLAZA AMENDMENT NO. 4, RECORDED ON FEBRUARY 6, 1997 AT RECEPTION NO. F0368180.
- 18. THE PROPERTY IS LOCATED WITHIN THE BOUNDARIES OF SECTION 14 METROPOLITAN DISTRICT, BY ORDER FOR INCLUSION ISSUED BY THE DISTRICT COURT, JEFFERSON COUNTY, COLORADO, RECORDED NOVEMBER 21, 1995 IN RECEPTION NO. F0148279, AND IS SUBJECT TO ASSESSMENTS OR CHARGES RELATIVE THERETO. ALL ASSESSMENTS NOW DUE AND PAYABLE ARE PAID.
- THIS ALTA/ACSM LAND TITLE SURVEY IS A RESPONSE TO THE REQUIREMENT FOR A SURVEY.

SCHEDULE B - PART 2

- 1. ASSIGNMENT OF LEASES AND RENTS BY AND BETWEEN CHANSON LLC, A COLORADO LIMITED LIABILITY COMPANY AND IDS LIFE INSURANCE COMPANY, A MINNESOTA CORPORATION, RECORDED JULY 10, 1997 IN RECEPTION NO. F0442032, RECORDS OF JEFFERSON COUNTY, COLORADO.
- RIGHTS OF TENANT, AS TENANT ONLY, UNDER TERMS, CONDITIONS AND OBLIGATIONS OF LEASE AGREEMENT BETWEEN CHANSON LLC, A COLORADO LIMITED LIABILITY COMPANY, LANDLORD, AND BRINKER RESTAURANT CORPORATION, TENANT, AS EVIDENCED BY MEMORANDUM OF LEASE RECORDED OCTOBER 7, 1996 AT RECEPTION NO. F0311952.
- RIGHTS OF TENANT, AS TENANT ONLY, UNDER TERMS, CONDITIONS AND OBLIGATIONS OF LEASE AGREEMENT BETWEEN CHANSON LLC, A COLORADO LIMITED LIABILITY COMPANY, LANDLORD, AND GUNTHER TOODY'S OF COLORADO, INC., A COLORADO CORPORATION, TENANT, AS EVIDENCED BY MEMORANDUM OF LEASE RECORDED NOVEMBER 21, 1996 AT RECEPTION NO. F0332540.
- 4. RIGHTS OF TENANT, AS TENANT ONLY, UNDER TERMS, CONDITIONS AND OBLIGATIONS OF LEASE AGREEMENT BETWEEN CHANSON LLC, A COLORADO LIMITED LIABILITY COMPANY, LANDLORD, AND MADHU & CO., LLC, A COLORADO LIMITED LIABILITY CORPORATION, D/B/A ONE HOUR MARTINIZING, LESSEE, AS EVIDENCED BY ASSIGNMENT OF REAL ESTATE LEASE AND AGREEMENT RECORDED DECEMBER 10, 1996 AT RECEPTION NO. F0342171, AND ON JANUARY 27, 1997 AT RECEPTION NO. F0362391.
- 5. RIGHTS OF TENANT, AS TENANT ONLY, UNDER TERMS, CONDITIONS AND OBLIGATIONS OF LEASE AGREEMENT AS EVIDENCED BY MEMORANDUM OF LEASE BY AND BETWEEN SECTION 14 DEVELOPMENT COMPANY, A COLORADO GENERAL PARTNERSHIP, LANDLORD, AND BARNES & NOBLE, INC., A DELAWARE CORPORATION, TENANT, RECORDED ON JANUARY 8, 1996 AS RECEPTION NO. F0169334.
- RIGHTS OF TENANTS, AS TENANTS ONLY, UNDER UNRECORDED LEASES DESCRIBED IN THE RENT ROLL SCHEDULE ATTACHED HERETO.

 ALL PARTIES OR THEIR AGENTS RELYING UPON THIS SURVEY, BY RECEIPT HEREOF. ACKNOWLEDGE THAT THE FOLLOWING ALTA/ACSM REQUIREMENTS HAVE NOT BEEN COMPLIED WITH DUE TO SITE CONDITIONS OR A SPECIFIC CONTRACTUAL ARRANGEMENT BETWEEN THE CLIENT AND THE SURVEYOR, AND THAT THE SURVEYOR ASSUMES NO LIABILITY FOR NON-DISCLOSURE OF OR FAILURE TO ADDRESS THE FOLLOWING:

INFORMATION LISTED IN PARAGRAPH NO. 5 OF THE "MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS", BUT NOT SHOWN ON THIS SURVEY IS AS FOLLOWS:

- -- ADJOINING LAND OWNERS NAMES AND RECORDING INFORMATION
- -- PARTIES USING DRIVES OR ALLEYS
- -- FUTURE STREETS
- 2. THE FOLLOWING ITEMS FROM "TABLE A OPTIONAL SURVEY RESPONSIBILITIES AND SPECIFICATIONS FOR ALTA/ACSM LAND TITLE SURVEYS" HAVE BEEN ADDRESSED AT OUR CLIENTS REQUEST AND WHERE APPLICABLE ARE NOTED ON OUR SURVEY.

1, 2, 3, 4, 6, 7(a), 7(b)(1), 7(c), 8, 9, 10, 11(b), 14, 15 AND 16

W. | BELLEVIEW | AVE. RACCOON CREEK G.C. い W. BOWLES AVE. MINE AVE. W. KEN | CARYL AVE

VICINITY MAP:

GENERAL NOTES: (CONT.)

- UTILITY INFORMATION SHOWN HEREON IS FROM APPARENT SURFACE EVIDENCE AND FROM AVAILABLE UTILITY COMPANY MAPS ONLY, AND MAY OR MAY NOT BE COMPLETE. THIS SURVEY MAY NOT ADDRESS FULL UTILITY INFORMATION OF ALL AVAILABLE UTILITIES FOR THIS SITE. UTILITIES ARE SHOWN FOR EVIDENCE OF POSSIBLE EASEMENTS. INTERESTED PARTIES REQUIRING MORE COMPLETE LOCATION INFORMATION ARE DIRECTED TO CALL THE UTILITY NOTIFICATION CENTER OF COLORADO AT 1-800-922-1987 FOR ON-SITE MARKING OF UNDERGROUND UTILITIES.
- 4. AS SET FORTH ON THE IN THE OFFICIAL DEVELOPMENT PLAN FOR CHANSON PLAZA (SEE EXCEPTION 9 ABOVE), THE FOLLOWING RESTRICTIONS WERE ESTABLISHED:

ALLOWED USES: RETAIL USES, OFFICES, RESTAURANTS, FINANCIAL INSTITUTIONS AND CLINICS.

MAXIMUM BUILDING HEIGHT: 40 FEET MAXIMUM BUILDING COVERAGE: 35% MINIMUM OPEN SPACE: 25%3.

- 5. REFERENCES HEREON TO BOOKS, PAGES, MAPS AND RECEPTION NUMBERS ARE PUBLIC DOCUMENTS FILED IN THE RECORDS OF JEFFERSON COUNTY, COLORADO.
- 6. EASEMENTS AND PUBLIC DOCUMENTS SHOWN OR NOTED HEREON WERE EXAMINED AS TO LOCATION AND PURPOSE AND WERE NOT EXAMINED AS TO RESERVATIONS. RESTRICTIONS. CONDITIONS, OBLIGATIONS, TERMS, OR AS TO THE RIGHT TO GRANT THE SAME.
- 7. BURIED UTILITIES AND/OR PIPE LINES ARE SHOWN PER VISIBLE AND APPARENT SURFACE EVIDENCE OR RECORD DRAWINGS OF THE CONSTRUCTED UTILITY LINES. IF MORE ACCURATE LOCATIONS OF UNDERGROUND UTILITIES ARE REQUIRED, THE UTILITY WILL HAVE TO BE VERIFIED BY FIELD POTHOLING. MATRIX DESIGN GROUP, INC. AND THE SURVEYOR OF RECORD SHALL NOT BE LIABLE FOR THE LOCATION OF OR THE FAILURE TO NOTE THE LOCATION OF NON-VISIBLE UTILITIES.
- 8. THIS SITE IS IN ZONE C, AS DETERMINED BY GRAPHIC INTERPRETATION. FLOODPLAIN INFORMATION WAS OBTAINED FROM F.E.M.A. FLOODPLAIN. AS DETERMINED BY THE FLOOD INSURANCE RATE MAP FOR JEFFERSON COUNTY, COLORADO, COMMUNITY PANEL NUMBER 080087 0380 C, MAP REVISED JULY 4, 1989.
- 9. ALL TIES TO RECORD TITLE LINES FROM THE BUILDING CORNERS OR OTHER IMPROVEMENTS SHOWN HEREON ARE PERPENDICULAR TO THE RECORD TITLE LINE.
- 10. ANY PERSON WHO KNOWINGLY REMOVES, ALTERS OR DEFACES ANY PUBLIC LAND SURVEY MONUMENT OR LAND MONUMENT OR ACCESSORY, COMMITS A CLASS TWO (2) MISDEMEANOR PURSUANT TO STATE STATUTE 18-4-508, C.R.S.
- 11. THERE IS NO VISIBLE EVIDENCE OF RECENT EARTH MOVING WORK OR BUILDING CONSTRUCTION OR ADDITIONS WITHIN THE SUBJECT PROPERTY.
- 12. THERE IS NO VISIBLE EVIDENCE OF RECENT STREET OR SIDEWALK REPAIRS.
- 13. THERE IS NO VISIBLE EVIDENCE THAT THE SUBJECT PROPERTY IS BEING USED AS A SOLID WASTE DUMP, SUMP OR LANDFILL. MATRIX DESIGN GROUP, INC. DID NOT RESEARCH THE HISTORIC USE OF THIS SITE.
- 14. THERE ARE 857 STANDARD PARKING SPACES AND 29 HANDICAP PARKING SPACES PROVIDED ON THIS PROPERTY.
- 15. DEFINITION: CERTIFY, CERTIFICATION A PROFESSIONAL'S OPINION BASED ON HIS OR HER OBSERVATION OF CONDITIONS, KNOWLEDGE, INFORMATION AND BELIEFS. IT IS EXPRESSLY UNDERSTOOD THAT THE PROFESSIONAL'S CERTIFICATION OF A CONDITION'S EXISTENCE RELIEVES NO OTHER PARTY OF ANY RESPONSIBILITY OR OBLIGATION HE OR SHE HAS ACCEPTED BY CONTRACT OR CUSTOM.
- 16. MATRIX DESIGN GROUP, INC. DOES NOT WARRANT THAT THE PARCEL, AS DESCRIBED HEREON, COMPLIES WITH COLORADO SENATE BILL 35. (30-28-101).

SURVEYOR'S STATEMENT:

THIS ALTA/ACSM LAND TITLE SURVEY WAS PREPARED FOR THE EXCLUSIVE USE OF THE PERSON, PERSONS OR ENTITY NAMED IN THE STATEMENT HEREON. SAID STATEMENT DOES NOT EXTEND TO ANY UNNAMED PERSON OR ENTITY WITHOUT AN EXPRESSED RESTATEMENT BY THE SURVEYOR NAMING SAID PERSON OR ENTITY.

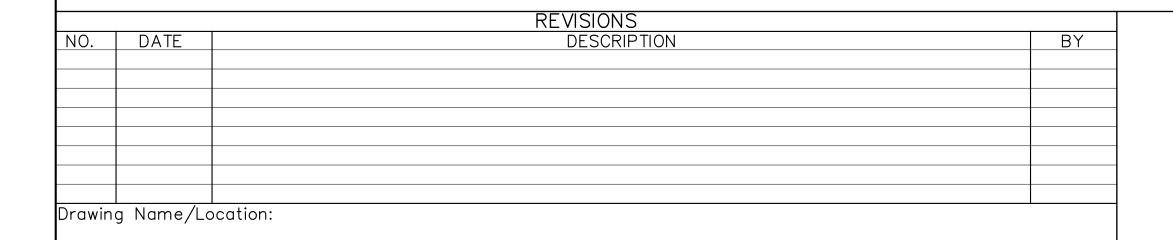
I, ROBERT L. MEADOWS JR., A PROFESSIONAL LAND SURVEYOR, LICENSED IN THE STATE OF COLORADO, ON THE BASIS OF MY INFORMATION, KNOWLEDGE, AND BELIEF, DO HEREBY STATE TO CHANSON LLC, A COLORADO LIMITED LIABILITY COMPANY; PERLMUTTER AND ASSOCIATES, INC. AND FIRST AMERICAN TITLE INSURANCE COMPANY THAT IN MARCH 2007, TO NORMAL STANDARDS OF CARE OF A PROFESSIONAL LAND SURVEYOR PRACTICING IN THE STATE OF COLORADO, THIS MAP OR PLAT AND THE LAND SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH "MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS". JOINTLY ESTABLISHED AND ADOPTED BY THE AMERICAN LAND TITLE ASSOCIATION, THE AMERICAN CONGRESS ON SURVEYING AND MAPPING, AND THE NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS IN 1999, EXCEPT AS NOTED HEREON IN GENERAL NOTE 1, AND MEETS THE ACCURACY REQUIREMENTS OF POSITIONAL UNCERTAINTY AND POSITIONAL TOLERANCES SET FORTH IN SAID STANDARD DETAIL REQUIREMENTS, AND INCLUDES THOSE ITEMS OF TABLE A THEREOF AS NOTED HEREON IN GENERAL NOTE NUMBER 2. DIMENSIONS AND BEARINGS, SHOWN HEREON, ACCURATELY REPRESENT SAID LAND SURVEY. VISIBLE AND APPARENT IMPROVEMENTS WERE FOUND TO BE LOCATED IN RELATION TO THE RECORD TITLE LINES AS SHOWN; VISIBLE AND APPARENT EASEMENTS AND RIGHTS-OF-WAY IN EVIDENCE OR KNOWN TO ME AND VISIBLE AND APPARENT ENCROACHMENTS BY OR ON THE PREMISES ARE AS SHOWN.

ROBERT L. MEADOWS JR., PROFESSIONAL LAND SURVEYOR DATE COLORADO P.L.S. NO. 32977 FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.

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.

MONUMENTED SURVEY PLAT DEPOSITING CERTIFICATE:

DEPOSITED THIS DAY OF, 20 A.D. AT O'CLOCKM., IN
BOOK, OF LAND SURVEY PLATS AT PAGE, DEPOSIT NO.
, RECORDS OF JEFFERSON COUNTY, COLORADO.
SIGNED:
TITLE:



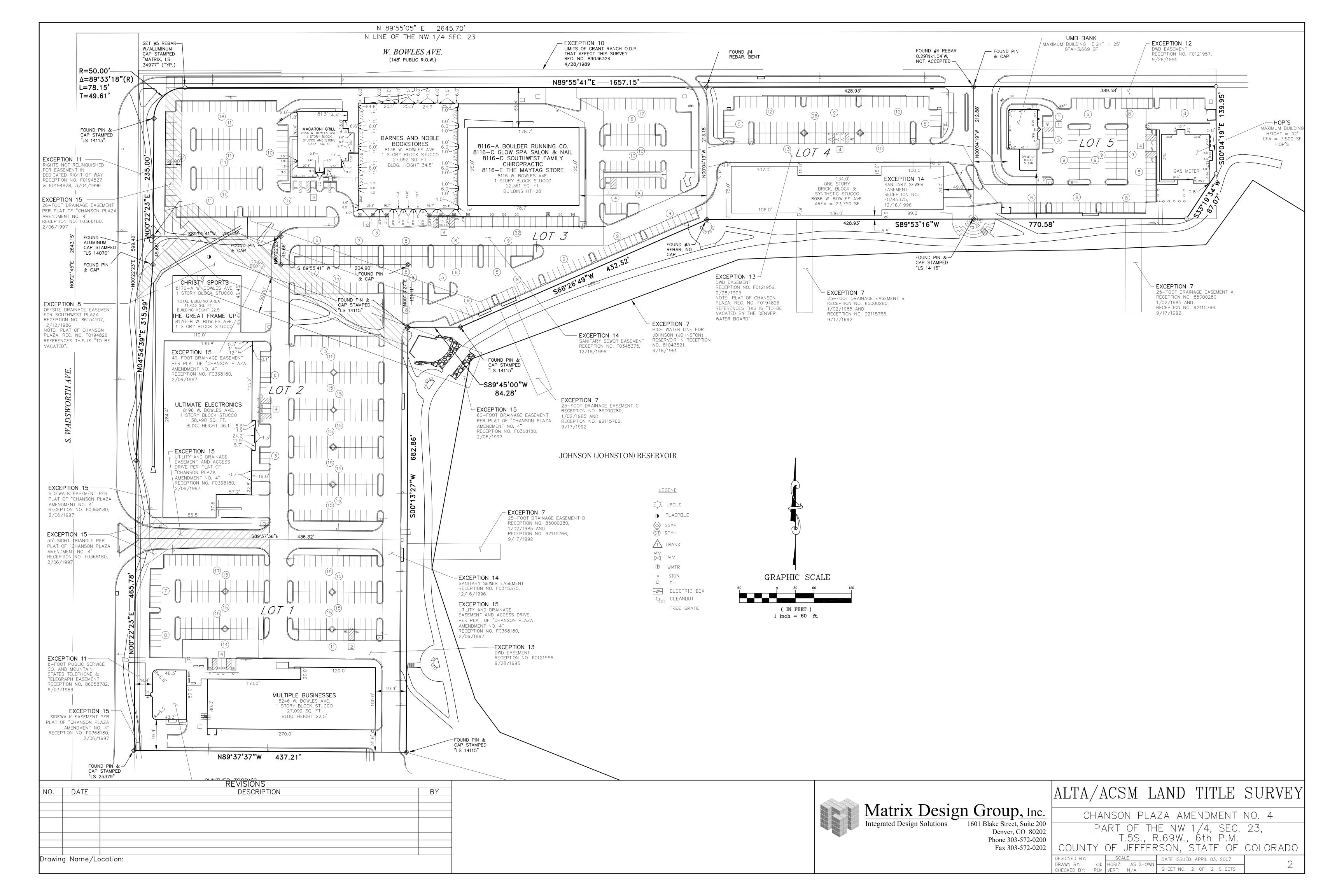


Fax 303-572-0202

|ALTA/ACSM LAND TITLE SURVEY

CHANSON PLAZA AMENDMENT NO. 4 PART OF THE NW 1/4, SEC. 23, T.5S., R.69W., 6th P.M. COUNTY OF JEFFERSON, STATE OF COLORADO

DATE ISSUED: APRIL 3, 2007 DRAWN BY: dib HORIZ: AS SHOWN SHEET NO. 1 OF 2 SHEETS CHECKED BY: RLM VERT: N/A



E. Standard Details





Motz Enterprises, Inc. 3153 Madison Road Cincinnati OH 45209 Office: 513-772-6689

Fax: 513-772-6690 www.Flexamat.com

Data Sheet

Flexamat[®] is a tied concrete block mat used to control erosion in swales, slopes, ditches, channels, shorelines and any area where soil sediment may be lost due to water runoff.

The matting consists of pyramidal concrete blocks that are interconnected utilizing a high tensile strength polypropylene geogrid. The completed mat yields a high strength, ultraflexible hard armor system of Erosion Control. Flexamat's superior Percentage of Open Area (POA) affords an ideal zone for vegetation growth while remaining a permanent armor against long-term erosional forces.

General Composition of Materials

Blocks	5000 PSI, Wet-cast Portland Cement
Interlocking Biaxial Geogrid	Fornit 30/30 – Polypropylene Geogrid with 2,055 lb/ft biaxial strength
Underlayment Options	Standard
	Polypropylene netting
	Curlex [®] II ECB

Manufacturing Values

Flexamat Properties	Values
Roll Width	4', 5.5', 8', 10', 12' 16'
Roll Length	30', 40', 50' / custom
Material Weight	10 lbs./sf
Block Size	6.5" x 6.5" x 2.25"
Percentage Open Area (POA)	30% min.

Performance

Test	Tested Value	Bed Slope	Soil Classification	Limiting Value
ASTM 6460	Shear Stress	30%	Sandy Loam (USDA)	24 PSF
ASTM 6460	Velocity	20%	Loam (USDA)	30 ft./sec

Flexamat - Tied Concrete Block Mats

1. DESCRIPTION

Flexamat - Tied Concrete Block Erosion Control Mats

This work shall consist of furnishing and placing the Flexamat system in accordance with this specification and conforming with the lines, grades, design, and dimensions shown on the plans.

2. MATERIALS

Flexamat is manufactured from individual concrete blocks tied together with high strength polypropylene biaxial geogrid. Each block is tapered, beveled and interlocked and includes connections that prevent lateral displacement of the blocks within the mats when they are lifted for placement.

Tied Concrete Block Mats shall be Flexamat, manufactured by Motz Enterprises, Inc. or approved equal (See Section 3, Alternative Products).

- 2.1. **Blocks.** Furnish blocks manufactured with concrete conforming to the cement requirements of ASTM C150 and to the aggregate requirements of ASTM C33. Meet a minimum compressive strength of 5,000 psi at 28 days. Furnish blocks that have a minimum weight of 3 lb. per block. Blocks shall be placed no further than 2 in. apart.
- 2.2. **Polypropylene Bi-Axial Geogrid.** Provide revetment mat that is constructed of a high tenacity, low elongating, and continuous filament polypropylene fibers that is securely cast into and embedded within the base of the concrete blocks and obtains connection strength greater than that of the geogrid. Ensure the geogrid meets the requirements of Table 1:

Table1
Polypropylene Bi-Axial Geogrid

Polypropylene bi-Axiai Geogrid			
Description	Requirement		
UV Stabilization	2% Carbon Black		
Ultimate Tensile Strength 2055 lb./lf			

2.3. **Underlayment Materials –** Three backing options:

- Standard Flexamat Includes Curlex® II backing
- Flexamat Plus Includes both Curlex® II and Recyclex TRM-V
- Flexamat with Filter Fabric Includes non-woven filter fabric backing.

The backing material shall be packaged within roll of Flexamat.

Curlex® II:

Curlex II erosion control blanket (ECB) consists of a specific cut of naturally seed free Great Lakes Aspen curled wood excelsior with 80% six-inch fibers or greater fiber length. It is of consistent thickness with fibers evenly distributed throughout the entire area of the blanket. The top and bottom of each blanket is covered with degradable polypropylene netting.

Index Property	<u>Test Method</u>	<u>Value</u>
Thickness	ASTM D 6525	$\overline{0.418}$ in (10.62 mm)
Light Penetration	ASTM D 6567	34.6%
Resiliency	ASTM D 6524	64%
Mass per Unit Area	ASTM D 6475	$0.57 lb/yd^2 (309 g/m^2)$
MD-Tensile Strength Max.	ASTM D 6818	127.0 lb/ft (1.9 kN/m)
TD-Tensile Strength Max.	ASTM D 6818	0.57 lb/yd² (309 g/m²) 127.0 lb/ft (1.9 kN/m) 50.9 lb/ft (0.7 kN/m)
MD-Elongation	ASTM D 6818	28.64%
TD-Elongation	ASTM D 6818	29.84%
Swell	ECTC Procedure	89%
Water Absorption	ASTM D 1117/ECTC	199%
Bench-Scale Rain Splash	ECTC Method'2	SLR = 6.84 @ 2 in/hr ^{2,3} SLR = 7.19 @ 4 in/hr ^{2,3}
Bench-Scale Rain Splash	ECTC Method 2	$SLR = 7.19 @ 4 in/hr^{2,3}$
Bench-Scale Rain Splash	ECTC Method 2	$SLR = 7.56 @ 6 in/hr^{2,3}$
Bench-Scale Shear 1	ECTC Method 3	$2.6 \text{ lb/ft}^2 @ 0.5 \text{ in soil loss}^3$
Germination Improvement	ECTC Method 4	645%

¹ Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of Great Lakes Aspen excelsior is 22%.

Recyclex® TRM:

Recyclex TRM – V is a permanent non-degradable Turf Reinforcement Mat (TRM), consists of 100% post-consumer recycled polyester (green or brown bottles) with 80% five-inch fibers or greater fiber length. It is of consistent thickness with fibers evenly distributed throughout the entire area of the TRM. The top and bottom of each TRM is covered with heavy duty polypropylene net. Fibers are tightly crimped and curled to allow fiber interlock, and to retain 95% memory of the original shape after loading by hydraulic events. Fibers have a specific gravity greater than 1.0; therefore, the blanket will not float during hydraulic events. Recyclex TRM – V meets Federal Government Executive Order initiatives for use of products made from, or incorporating, recycled materials. Recyclex TRM – V shall be manufactured in the U.S.A. and the fibers shall be made from 100a% recycled post-consumer goods.

Index Property	Test Method	<u>Value</u>
Thickness	ASTM D 6525	0.294 in (7.47 mm)
Light Penetration	ASTM D 6567	57%
Resiliency	ASTM D 6524	86%
Mass per Unit Area	ASTM D 6566	$0.50 \text{lb/yd}^2 (271 \text{g/m}^2)$
MD-Tensile Strength Max.	ASTM D 6818	295.2 lb/ft (4.32 kN/m)
TD-Tensile Strength Max.	ASTM D 6818	0.50 lb/yd² (271 g/m²) 295.2 lb/ft (4.32 kN/m) 194.4 lb/ft (2.85 kN/m)
MD-Elongation	ASTM D 6818	32.2%
TD-Elongation	ASTM D 6818	40.8%
Swell	ECTC Procedure	8%
Water Absorption	ASTM D 1117/ECTC	33.8%
Specific Gravity	ASTM D 792	1.21
ÚV Stability	ASTM D 4355 (1,000 hr)	80% minimum
Porosity	Calculated	97.5%
Bench-Šcale Rain Splash	ECTC Method 2	SLR = 5.86 @ 2 in/hr ^{1,2} SLR = 5.00 @ 4 in/hr ^{1,2} SLR = 6.33 @ 6 in/hr ^{1,2} 2.41 lb/ft ² @ 0.5 in soil loss ²
Bench-Scale Rain Splash	ECTC Method 2	$SLR = 5.00 @ 4 in/hr^{1,2}$
Bench-Scale Rain Splash	ECTC Method 2	$SLR = 6.33 @ 6 in/hr^{1,2}$
Bench-Scale Shear	ECTC Method 3	2.41 lb/ft ² @ 0.5 in soil loss ²
Germination Improvement	ECTC Method 4	432%

¹ SLR is the Soil Loss Ratio, as reported by NTPEP/AASHTO. ² Bench-scale index values should not be used for design purposes

² SLR is the Soil Loss Ratio, as reported by NTPEP/AASHTO. ³ Bench-scale index values should not be used for design purposes.

10oz non-woven filter fabric:

The underlayment material shall be packaged in roll of Flexamat and shall meet the following characteristics:

Property	Test Method	English	Metric
Weight - Typical	ASTM D-5261	10 oz/sy	339 g/sm
Tensile Strength	ASTM D-4632	250 lbs	1,112 N
Elongation @ Break	ASTM D-4632	50%	50%
Mullen Burst*	ASTM D-3786*	500 psi	3,447 kPa
Puncture Strength*	ASTM D-4833*	155 lbs	690 N
CBR Puncture	ASTM D-6241	700 lbs	3,115 N
Trapezoidal Tear	ASTM D-4533	100 lbs	444 N
Apparent Opening Size	ASTM D-4751	100 US Sieve	0.150 mm
Permittivity	ASTM D-4491	1.20 Sec-1	1.20 Sec-1
Water Flow Rate	ASTM D-4491	80 g/min/sf	3,251 l/min/sm
UV Resistance @ 500 Hours	ASTM D-4355	70%	70%

- 2.4. Cover the mat or otherwise protect it during long periods of storage to protect against degradation of the backing material as recommended by the manufacturer.
- 2.5. Mats will be rolled for shipment and are packaged with handling straps. These handling straps shall only be used for lifting below 2 ft. to place heavy duty lifting straps under rolls. Upon delivery, rolls may be left exposed for up to 30 days. If exposure will exceed 30 days, cover or tarp the rolls to minimize UV exposure.

All mats to be inspected upon delivery. Assure that all units are sound and free of defects that would interfere with the proper placing of the unit or impair the strength or permanence of the construction.

Chipping or missing concrete resulting in a weight loss exceeding 15% of the average weight of a concrete unit is grounds for rejection by the engineer. Replace, repair or patch the damaged areas per the manufacturer's recommendations.

3. ALTERNATIVE PRODUCTS

Alternative products may be considered if composition matches the materials detailed in Section 2. Such products must be pre-approved in writing by the Engineer prior to bid date. Alternative product packages must be submitted to the Engineer a minimum of fifteen (15) days prior to bid date. Submittal packages for alternate products must include, as a minimum, the following:

- a. Product Properties Composition of materials, stating product is comprised of the following components:
 - i. **Concrete Blocks** minimum compressive strength of 5,000 psi at 28 days. Furnish blocks that have a minimum weight of 3 lb. per block. Blocks shall be placed no further than 2 in. apart.
 - ii. **Polypropylene Bi-Axial Geogrid –** minimum tensile strength of 2055lbs
 - iii. **Underlayment** Minimum of a double-net excelsior (wood fiber) blanket, plus additional turf reinforcement or filter fabric as specified by design engineer. Underlayment must be packaged within the Tied Concrete Block Mat rolls.

- b. Full-Scale laboratory testing performed by an independent 3rd party testing facility with associated engineered calculations certifying the hydraulic capacity of the proposed Tied-Concrete Block Erosion Control Mat meets the performance requirements listed in Section 4 of this specification.
- c. A list of 15 comparable projects in terms of project size, application and material dimensions in the United States, where the results of the specific alternative material's use can be verified and reviewed for system integrity and sustained after a minimum of 5 years of service life.

4. PERFORMANCE

Full-Scale laboratory testing performed by an independent 3rd party testing facility with associated engineered calculations certifying the hydraulic capacity of the proposed Tied-Concrete Block Erosion Control Mat meets the following requirements:

Test	Tested Value	Bed Slope	Soil Classification	Limiting Value
ASTM 6460	Shear Stress	30%	Sandy Loam (USDA)	24lb./ft²
ASTM 6460	Velocity	20%	Loam (USDA)	30 ft./sec

5. EQUIPMENT

Provide the proper equipment to place the mat that will not damage the mat material or disturb the top soil subgrade and seed bed.

6. CONSTRUCTION

Prior to installing Flexamat, prepare the subgrade as detailed in the plans. All subgrade surfaces to be smooth and free of all rocks, stones, sticks, roots, and other protrusions or debris of any kind that would result in an individual block being raised more than 3/4 in. above the adjoining blocks. When seeding is shown on the plans, provide subgrade material that can sustain growth.

Ensure the prepared subgrade provides a smooth, firm, and unyielding foundation for the mats. The subgrade shall be graded into a parabolic or trapezoidal shape to concentrate flow to middle of mat or mats.

When vegetation is required, distribute seed on the prepared topsoil subgrade before installation of the concrete mats in accordance with the specifications.

Install mats to the line and grade shown on the plans and per the **manufacturer's** guidelines. The manufacturer or authorized representative will provide technical assistance during the slope preparation and installation of the concrete block mats as needed.

Provide a minimum 18 in. deep concrete mat embedment toe trench at all edges exposed to concentrated flows. Recess exterior edges subject to sheet flow a minimum of 3 in.

When needed, provide fastening or anchoring as recommended by the manufacturer or engineer for the site conditions.

For seams parallel to the flow line in ditch or channel applications, center a minimum 3 ft. wide strip of soil retention blanket under the seam. Fasten along the seam at 5 ft. maximum spacing. Parallel seams in the center of the ditch shall be avoided when possible.

Shingle seams perpendicular to the flow line with the downstream mat recessed a minimum of 2 blocks under the upstream mat and fastened together along the seam at 2 ft. maximum spacing if required by manufacturer or engineer.

7. MEASUREMENT

This Item will be measured by the square foot as shown on the plans, complete in place.

8. PAYMENT

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Flexamat". This price is full compensation for loading and transporting, placing concrete block mats; excavation and disposal; furnishing topsoil and bedding; and equipment, labor, materials, tools, and incidentals.



Motz Enterprises, Inc. 3153 Madison Road Cincinnati, OH 45209 Office: 513-772-6689

Fax: 513-772-6690 www.Flexamat.com

INSTALLATION GUIDELINES

Flexamat[®] is a tied concrete block system that is manufactured with site specific underlay. First, for applications where vegetation growth is expected, we use a 12-18 month degradable excelsior blanket (Curlex[®] II), second, for applications where vegetation will be sparse, we use a permanent synthetic erosion control blanket (Recyclex[®] TRM-V), and third, for sandy, non-cohesive soils, we use a non-woven geotextile fabric

Flexamat[®] is available in widths of 4', 5.5', 8', 10', 12', and 16'. For applications with wider widths, mats are installed adjacent to another. The manufacturer or authorized representative will provide technical assistance during installation as needed.

SHIPPING, TRANSPORT, STORAGE & HANDLING:

Flexamat[®] is packaged in rolls for shipment. The rolls have a minimum weight of 10 pounds per square feet. Rolls are packaged with handling straps. For safety, it is recommended that these straps only be used for lifting below 2' as a means to place heavy duty lifting straps under rolls.

Upon delivery, rolls may be left exposed for up to 30 days. If exposure will exceed 30 days, the rolls must be tarped or otherwise covered to minimize UV exposure.

SUBGRADE PREPARATION:

The prepared subgrade shall provide a firm, unyielding foundation for the mats. The subgrade shall be prepared as detailed on the plans. Subgrade surface shall be free of any debris, protrusions, rocks, sticks, roots or other hindrances which would result in an individual block being raised more than ¾" above the adjoining blocks. Undulations, rolls, knolls and rises in the subgrade to which the tied concrete mat is able to contour over and maintain intimate contact with the subgrade will be allowed. The Flexamat block has a height of 2.25". When grading next to hard surfaces like a road, sidewalk, or outlet pad, consider lowering the grade to allow for a smooth transition for water to flow from the hard surface onto the Flexamat. Before unrolling the Flexamat, apply seed and soil amendments directly to the prepared soil prior to installation of mats. Use seed and soil amendments or topsoil per project specifications.

UNROLLING:

Position the rolls in the direction to be unrolled, with the leading edge at the bottom of the roll with the line and grade shown on the plans and according to the manufacturer's installation guidelines. Flexamat can be unrolled down or across slopes. It is important to considering the direction of any overland or channel flow when anchoring and installing the succeeding rolls for seams or abutments in the design. All edges exposed to concentrated flows, especially the upstream leading edges must be terminated and properly anchored according to engineer drawings. If no hydraulic or overland flow is expected, a soil transition cover of 4"-6" can be graded over the edges in lieu of placement in an anchor trench. Overlapping seam should be installed like a shingle on a roof.

PANEL SEAMING:

Panel seams (Channel and Slopes) perpendicular to the hydraulic flow must be overlapped. The downstream panels will be terminated and properly anchored according to engineer drawings and placed under the upstream panel by overlapping 18". If no hydraulic or overland flow is expected, butting the seams together is acceptable along with a 4' section of erosion control matting is used with 2' being placed under each neighboring panel.

ANCHORING:

Flexamat shall have an 18" toe-in at edges perpendicular to concentrated hydraulic flow. For areas exposed to surface sheet flow, recess the mat 12". Alternately, edges not exposed to surface sheet flow do not need to be toed. Rather, a soil transition cover may be placed 4" along the edge of mat to transition to landscape.

Where permanent anchoring is required, e.g., installing mats on steep slopes, the cables (polypropylene grid) shall be attached to the anchoring system as indicated on the contract drawings. Important areas for considering anchoring are the leading edges, seams and overlaps. The design and layout of the anchored system shall be designed by the engineer with assistance from manufacturer.

MAINTENANCE:

Inspect at regular intervals and after storm events. Mow and fertilize vegetation. Do not maintain with grass killing chemicals. Remove sediment buildups in any swales or outlets.





Hay Hooks

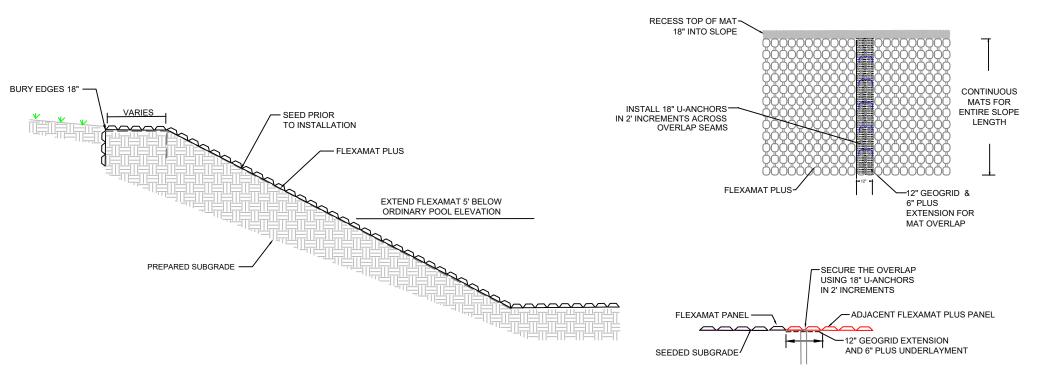
Flexamat Project Check List:

Here are some suggestions for a successful Flexamat installation:

Decide which Flexama	t option is best for the site.				
	2. Curlex II & Recyclex Combo (Flex	amat PLUS)	3. Geotextile (10 oz		
Order Flexamat (may need up to 5-7% waste factor)					
Have installation crew watch videos on Flexamat's YouTube Channel					
Plan staging area for F	lexamat (helps reduce trucking issu	es and allows for adva	nce ordering)		
Prepare work prior to	installation – remove stumps, rocks	s, soil, etc – for smooth	ı surface		
Seed and fertilizer, this	s needs to be done prior to installat	tion of Flexamat			
Clevis shackle of appro	ppriate weight rating. (For connection	ng to D-ring on bucket	.)		
Swivel and rigging with	n latched sling hooks of appropriate	e weight rating.			
3-4 hay bale hooks (Us	sed for adjusting Flexamat as neede	ed during installation.)			
Lifting straps for large	rolls.				
Smooth (toothless) bu	cket on excavator (refer to install vi	ideos)			
May be needed - #3 re	bar 18" U-Anchors				
May be needed - 4' Cu	rlex II for seams and edges				
May be needed - Geog	grid for splices				
May be needed - Zip ti	es (same ones used for silt fence) o	or hog rings and hog rir	ng pliers		
Gloves	□ Rakes & Shovels	□ Hay hooks			
Clevis	Swivel and rigging w/ latched sling hooks	□ Chop saw if cutt	ing is required		
Swivel		~	1		

Sling Hook with Latch

Rigging



CONSTRUCTION NOTES:

- AN ENGINEER OR MANUFACTURES REPRESENTATIVE SHALL BE ONSITE FOR THE START OF THE INSTALLATION.
- 2. ALL SUBGRADE SURFACES PREPARED FOR PLACEMENT OF MATS SHALL BE SMOOTH AND FREE OF ALL ROCKS, STICKS, ROOTS, OTHER PROTRUSIONS, OR DEBRIS OF ANY KIND.
- 3. PRIOR TO FLEXAMAT INSTALLATION, SEED THE AREA WITH SITE SPECIFIC SEED MIX.
- 4. INSTALL FLEXAMAT PLUS ROLLS THAT ARE 15.5' WIDE AND INCLUDE A 12" GEOGRID AND 6" PLUS UNDERLAYMENT EXTENSION FOR OVERLAPPING MATS. THE TOP EDGE OF MAT SHALL BE RECESSED 18" INTO
 THE SLOPE. INSTALL SUBSEQUENT MATS OVER THE 12" GEOGRID AND 6" PLUS EXTENSION OF THE DOWNSTREAM MAT INSTALLED ADJACENT MAT. MATS SHALL BE CONTINUOUS FOR ENTIRE LENGTH OF SLOPE.
- SECURE OVERLAP SEAMS IN 2' INCREMENTS USING 18" U-ANCHORS.
- 6. AT THE BEGINNING AND END OF THE LEVEE PROTECTION, EMBED THE MAT 18" PAST THE ANTICIPATED SCOUR POINT. FILL AND COMPACT TERMINATION TRENCH WITH COHESIVE SOIL.
- 7. EXTEND FLEXAMAT 5' BELOW ORDINARY POOL ELEVATION.

FLEXAMAT INFORMATION

Manufacturer: Motz Enterprises, Inc.

Product Name: Flexamat

Address: 3153 Madison Road

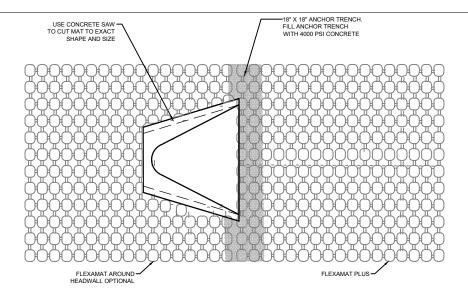
Cincinnati, OH 45209

Telephone: 513-772-6689

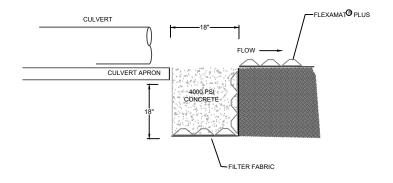
Email: info@Flexamat.com
Website: www.Flexamat.com

FLEXAMAT WAVE IMPACT SHORELINE ARMORING DETAIL NTS

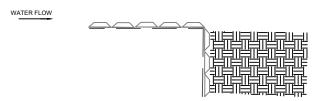




CONCRETE ABUTMENT ANCHOR TRENCH



18" TERMINATION TRENCH AT END OF ARMOR



GUIDANCE TABLE FOR STORMWATER OUTFALL PROTECTION				
PIPE DIAMETER	FLEXAMAT PROTECTION WIDTH	FLEXAMAT PROTECTION LENGTH (*MIN)		
12" 8 CFS		5.5'	5'	
18" 20 CFS 24" 30 CFS 36" 75 CFS		8'	8'	
		8'	10'	
		12'	16'	
48"	100 CFS	16'	20'	
60"	150 CFS	20'	25'	

*LENGTH OF PROTECTION WILL VARY ON THE LENGTH OF THE SLOPE, DEGREE OF SLOPE, OR IF IT IS DISCHARGING ONTO A FLAT AREA. OUTFALLS DISCHARGING ONTO SLOPES, IT IS RECOMMENDED TO EXTEND FLEXAMAT THE LENGTH OF THE SLOPE AND 3" PAST THE TOE.

*CONSULT MANUFACTURER FOR GUIDANCE IF DESIGN DISCHARGE VARIES SIGNIFICANTLY FROM VALUES LISTED IN TABLE.

FLEXAMAT INFORMATION

EDGE EXPOSED TO SHEET FLOW:

RECESS TWO OUTSIDE BLOCKS

12" INTO SUBGRADE.

Manufacturer: Motz Enterprises, Inc.

Product Name: Flexamat® Address:

3153 Madison Road

Cincinnati, Ohio 45209

Telephone: 513-772-MOTZ (6689) 513-772-6690 Fax:

Info@Flexamat.com Email:

Website: www.Flexamat.com

CONSTRUCTION NOTES:

- 1. GRADE CHANNEL SO THAT WATER WILL FLOW DOWN THE CENTER OF THE CHANNEL AND BE CONTAINED TO THE CHANNEL. ALL SUBGRADE SURFACES PREPARED FOR PLACEMENT OF MATS SHALL BE SMOOTH AND FREE OF ALL ROCKS, STICKS, ROOTS, OTHER PROTRUSIONS, OR DEBRIS OF ANY KIND. THE PREPARED SURFACE SHALL PROVIDE A FIRM UNYIELDING FOUNDATION FOR THE MATS.
- WHEN VEGETATION IS DESIRED, APPLY SEED DIRECTLY TO THE PREPARED SOIL PRIOR TO FLEXAMAT INSTALLATION. USE SEED PER PROJECT SPECIFICATIONS.
- INSTALL FLEXAMAT ROLLS. AVAILABLE WIDTHS ARE 4', 5.5', 8', 10', 12', & 16' AVAILABLE IN CUSTOM LENGTHS.
- AT THE BEGINNING OF CHANNEL, THE INITIAL LEADING EDGE OF FLEXAMAT EXPOSED TO CONCENTRATED FLOWS SHALL BE EMBEDDED 18" VERTICALLY INTO ANCHOR TRENCH. THE TRENCH SHALL BE FILLED WITH 4000 PSI CONCRETE.
- AT THE END OF THE ARMORED CHANNEL, EMBED THE MAT 18" IN A TERMINATION TRENCH. FILL AND COMPACT TERMINATION TRENCH WITH COHESIVE FILL.



WHEN NO SURFACE FLOW IS

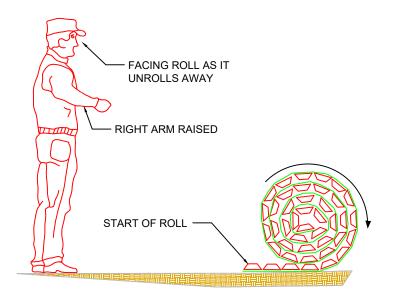
ENTERING CHANNEL, OUTSIDE

EDGE OF MAT DOES NOT NEED

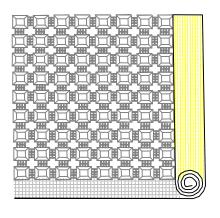
TO BE RECESSED.

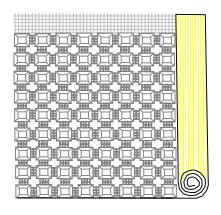


ORIENTATION IS FACING ROLL AS IT UNROLLS AWAY FROM THIS POINT



UNROLLING DIRECTION





RIGHT SIDE EXTENSION

LEFT SIDE EXTENSION

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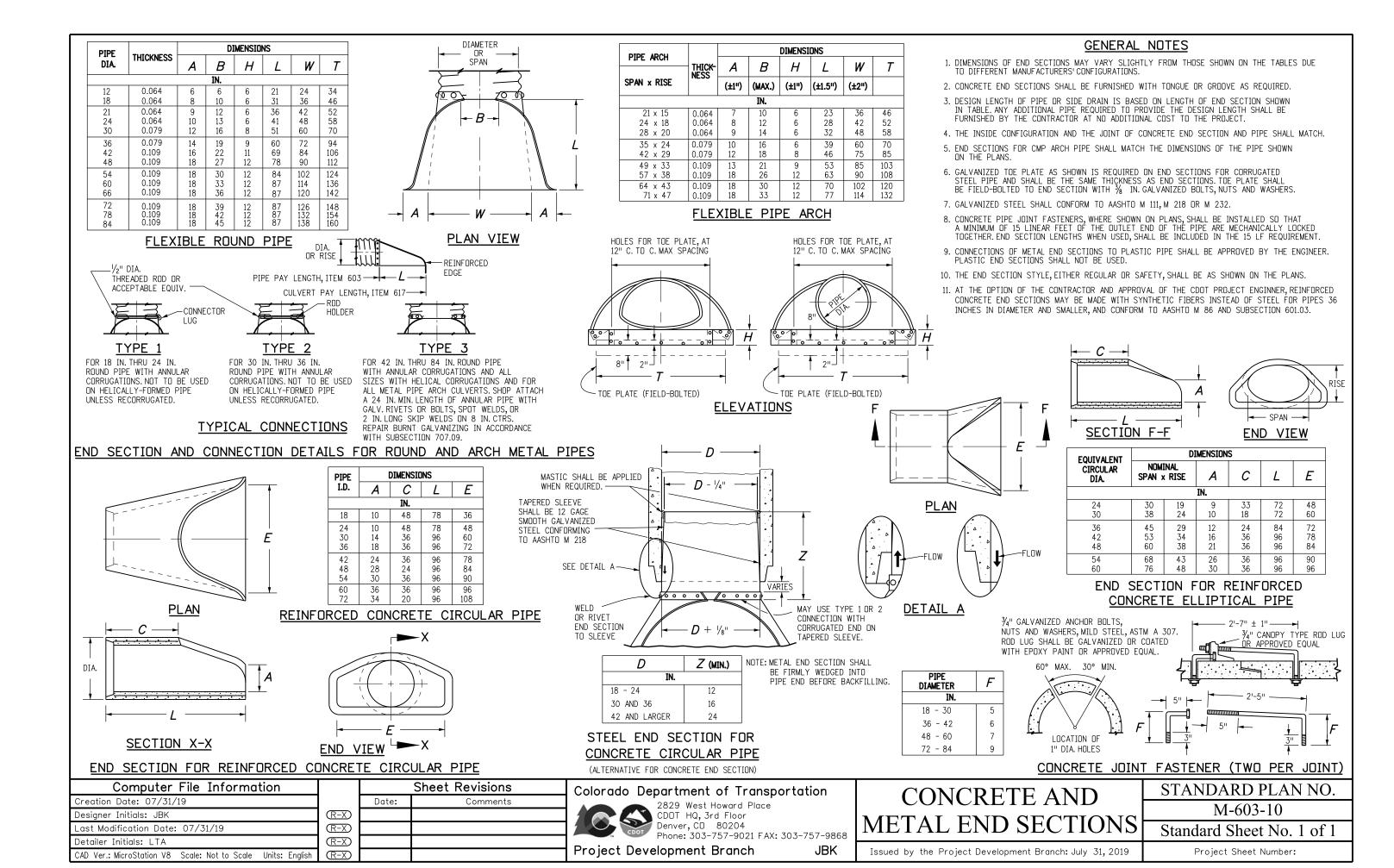
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FLEXAMAT EXTENSION ORIENTATION NTS





NORTHWEST QUARTER OF SECTION 23 TOWNSHIP 5 SOUTH, RANGE 69 WEST OF THE 6TH P.M., JEFFERSON COUNTY, STATE OF COLORADO

EXISTING CONDITIONS BASE MAP

MARCH 2020

