

## AGREEMENT FOR PARK IMPROVEMENTS

THIS AGREEMENT FOR PARK IMPROVEMENTS (this “Agreement”) is made and entered into as of June \_\_\_\_\_, 2017 (the “Effective Date”), by and among HT FLATIRON LP, a Delaware limited partnership (“HT Flatiron”), the TOWN OF ERIE, a Colorado municipal corporation (the “Town”), and FIDELITY TITLE INSURANCE COMPANY (“Escrow Agent”).

### BACKGROUND:

A. Reference is hereby made to that certain Second Amended and Restated Master Development Agreement dated September 8, 2015 recorded September 8, 2015 at Reception No. 03472486, Boulder County, Colorado (the “Master Development Agreement”). All capitalized terms used herein and not defined shall have the meanings assigned to such terms in the Master Development Agreement.

B. Section IX(F)(1)(b) of the Master Development Agreement provides the following; “*Prior to commencement of construction of the Neighborhood Park, and following notice by the Erie, the Owner shall pay for the following: water tap fees, sewer tap fees, and raw water dedication fees necessary for the construction, maintenance and upkeep of the park.*” The fees that HT Flatiron is to pay pursuant to such sentence are referred to herein as the “Fees”.

C. Section IX(F)(1)(b) of the Master Development Agreement further provides the following: “*At the same time, the Owner shall also pay all costs associated with the following: final grading; soil preparation; the purchase and installation of grass; the purchase and installation a permanent irrigation system (including electrical facilities for said system); landscaping within all adjacent right-of-ways; and, landscape buffers.*” The costs that HT Flatiron is required to pay pursuant to such sentence are referred to herein as the “Costs”; and the work comprised of the grading, soil preparation, purchase and installation of grass, purchase and installation of a permanent irrigation system (including electrical facilities for said system), landscaping within all adjacent right-of-ways and landscape buffers required by such sentence is referred to herein as the “Work”. The scope of the Work is set forth on the working drawings attached hereto as Exhibit B.

D. The parties desire to enter into this Agreement to set forth the terms and conditions upon which HT Flatiron shall pay the Fees and Costs in connection with the Town’s performance of the Work.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, HT Flatiron, the Town, and Escrow Agent agree as follows:

### AGREEMENT:

1. Cost Backup Evidence; Approval; Establishment of Escrow. Cost backup evidencing the contractor’s bid of the Work, together with the proposed plans and specifications for the Work, are set forth in Exhibit A, attached hereto and incorporated herein by this reference. HT Flatiron’s execution of this Agreement shall evidence its approval of the estimated cost for the Work. HT Flatiron shall deposit in escrow with Escrow Agent, within five (5) business days of Town’s execution of this Agreement, the estimated cost of the Work plus ten percent (10%) (the “Contingency”) as a contingency (together with the Contingency, the “Escrow Amount”). Based upon the estimated cost for the Work and the ten percent contingency required herein, the Escrow Amount is Three Hundred Ninety-four Thousand Three Hundred Ninety-four Dollars (\$394,394.00). The Escrow Agent shall immediately deposit (and thereafter maintain

until distribution as contemplated herein) the Escrow Amount into a federally-insured, interest-bearing account reasonably acceptable to the Town and HT Flatiron, and all interest accruing thereon shall become a part of the Escrow Amount. Failure by HT Flatiron to deposit the Escrow Amount in escrow with Escrow Agent as required herein shall be deemed to be a default of this Agreement.

2. The Work.

(a) The Town shall perform and complete the Work substantially in accordance with all applicable laws and ordinances of the Town, and in accordance with the plans and specifications referenced in Section 1 above. The Work shall be completed on or before eighteen (18) months from the Effective Date (the “Completion Deadline”). The Work shall be deemed “completed” at such time as the Town delivers to HT Flatiron a certificate of substantial completion, or similar certificate, from the engineer or other primary design professional for the Work, stipulating that the Work has been substantially completed.

(b) Any material modification to the plans and specifications of the Work (including, without limitation, any modification which would affect the use of the Contingency) shall be subject to the prior approval of HT Flatiron, such approval shall not be unreasonably withheld, conditioned or delayed. Furthermore, HT Flatiron shall be deemed to approve any modification if HT Flatiron fails to object to same within ten (10) days after written receipt of a request for approval from the Town. Upon approval (or deemed approval) of any such modification, such modification shall be considered part of the Work. Any change in the Work, whether pursuant to this subsection (b) or otherwise, shall not require HT Flatiron to contribute any additional required funds to the Escrow Amount.

(c) No notice to or approval of HT Flatiron shall be required for any material modification to the plans and specifications of the Work which the Town makes and pays for entirely (i.e., Town pays entirely and not out of Contingency).

3. Cost Responsibility. The Town shall be responsible for all costs and expenses necessary for the completion of the Work, subject to the Town being entitled to the use of the Escrow Amount as contemplated herein, and subject to the terms of Section 2 above. Upon the earlier of completion of the Work or the Completion Deadline, any and all of the remaining Escrow Amount shall be promptly returned to HT Flatiron within 15 days after such date

4. Disbursements.

(a) From time to time as the Work progresses, but no more than twice in any calendar month, the Town shall prepare a request for distribution (each a “Request”) and submit same to Escrow Agent and HT Flatiron. The respective Request shall: (a) specify, by separate line item for each of the contractors associated with the Request at issue, the portion of the Escrow Amount to be disbursed to pay the costs and expenses for the Work that are specified by such Request (“Requested Escrow Amount”); and (b) represent and warrant to HT Flatiron and Escrow Agent, as of the date of the Request, that to the Town’s knowledge: (i) all amounts reflected by each previous Request have been disbursed to the contractors entitled to payment thereof; (ii) there exists no default by the Town under this Agreement, and (iii) other than the Requested Escrow Amount reflected by the Request at issue and other non-delinquent amounts incurred in furtherance of the Work that will thereafter be timely paid, there are no unpaid costs or expenses arising out of the Work that could give rise to any mechanic’s or materialman’s liens.

(b) Provided that the Request complies with the provisions of subsection (a)

immediately above and HT Flatiron has not provided an "Objection Notice" (herein so called) within seven (7) business days after HT Flatiron's receipt of the Request, Escrow Agent shall promptly disburse to the Town (or the applicable payee(s) designated by the Town) the Requested Escrow Amount as provided in the respective Request. To the extent that it is disbursed to the Town, the Town shall cause all such amounts to be delivered to the applicable contractor prior to delinquency. If Escrow Agent shall have received an Objection Notice to any Request within the time period herein prescribed, Escrow Agent shall refuse to comply with any requests or demands on Escrow Agent contained in the Request to which such Objection Notice relates and shall continue to hold that applicable Escrow Amount that is the subject of the Objection Notice until Escrow Agent receives either (i) a written notice signed by both HT Flatiron and the Town stating who is entitled to such portion of the Escrow Amount, or (ii) a final non-appealable order of a court of competent jurisdiction directing disbursement of the Escrow Amount in a specific manner, and in either case, Escrow Agent shall then disburse the Escrow Amount, or such portion thereof as is specified in such joint notice or order, in accordance with such joint notice or order. Any Objection Notice that relates to only a portion of the Request shall not result in the Escrow Agent being unable to fund the remainder. Failure to send an Objection Notice with regard to any particular Request shall in no way be deemed a waiver of such party's rights hereunder to give an Objection Notice with regard to any future Request.

5. Term. Notwithstanding anything contained herein to the contrary, in the event that any portion of the Escrow Amount has not been disbursed by the Completion Deadline, then without prejudice to any other rights or remedies available to the parties at such time, any portion of the Escrow Amount held by Escrow Agent on such date shall be disbursed to HT Flatiron. Upon such disbursement, Escrow Agent shall thereafter have no further rights or obligations under this Agreement.

6. Fees. With respect to HT Flatiron's obligation for payment of the Fees, any and all Fees paid shall be at the same rate the Town would have to pay if the Town was obligated to pay the same. The Town shall follow all of its ordinances and code with respect to the foregoing. It shall further provide all calculations and documentation substantiating such Fees. HT Flatiron shall pay the Fees as invoiced within ten (10) business days of receipt of the invoice from the Town. Payment of the Fees by HT Flatiron is in addition to, and separate from, the payment of the Escrow Amount.

7. Escrow Agent Provisions.

(a) Escrow Agent's sole obligation shall be to make disbursements in accordance with the provisions of this Agreement. Escrow Agent may rely upon and shall be protected in acting or refraining from acting upon any written instrument, instruction or request furnished to it hereunder and believed by it in good faith to be genuine and to have been signed or presented for delivery to Escrow Agent by HT Flatiron, the Town, or any third party to which this Agreement applies in the particular context. Escrow Agent may resign as escrow agent hereunder, for any reason or no reason, upon providing at least fifteen (15) days' prior written notice to the parties herein.

(b) Escrow Agent, as part of the consideration for the acceptance of this Agreement, shall not be liable for any acts or omissions done in good faith and believed by it to be authorized or within the rights or powers conferred upon it by this Agreement, and may consult with counsel of its own choice with respect to such rights and powers and shall not be liable for any acts taken or suffered by it hereunder in good faith and in accordance with the opinion of such counsel. Escrow Agent shall in no event be liable for any claims, demands or losses for any damages made or suffered by any party, except such as may arise through or be caused by its willful default or

negligence hereunder.

(c) In the event of any controversy regarding the possession or delivery of any of the funds held in escrow by Escrow Agent, Escrow Agent reserves the right for its protection only and not by way of any right reserved or to be exercised by or for the benefit of the HT Flatiron or the Town, to retain possession of all money and/or other property held by Escrow Agent pursuant to the terms of this Agreement and all papers executed in connection with or concerning this Agreement until a mutual agreement has been reached by all of the parties to such controversy or delivery is legally authorized and ordered by final non-appealable judgment or decree of a court of competent jurisdiction. Neither HT Flatiron, the Town, or any other party shall have any claim against Escrow Agent by reason of its retaining possession of funds delivered to it in accordance herewith and held in escrow by Escrow Agent, excepting claims that may arise through or be caused by Escrow Agent's willful default or negligence hereunder.

8. Miscellaneous.

(a) This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, executors, administrators, legal representatives, successors and permitted assigns; provided, however, neither the Town nor HT Flatiron shall assign this Agreement without the other's prior written consent.

(b) All notices, requests, approvals, and other communications required or permitted to be delivered under this Agreement must be in writing and are effective: (1) on the day sent, if: (A) sent on a business day by fax or email; and (B) on the date of sending (i) the sending fax generates a written confirmation of sending, or (ii) a copy of the sent email appears in the sending party's "sent" file or similar storage; or (2) on the date of deposit, if deposited with a nationally recognized, overnight courier service for delivery on or before the next business day; or (3) three (3) business days after being deposited, if deposited on a business day in the United States mail, certified, return receipt requested, postage prepaid; or (4) upon receipt by the intended recipient, if delivered by other means (including personal delivery).

In each instance, such communication must be addressed to HT Flatiron, the Town, or Escrow Agent, as the case may be, at the following addresses, or such updated address as the receiving party has previously designated by at least ten (10) days' prior notice to the other parties hereto:

the Town:

P.O. Box 750  
Erie, Colorado 80516  
Attention: Town Administrator  
Facsimile: (303) \_\_\_\_\_  
Email: [ajkrieger@erieco.gov](mailto:ajkrieger@erieco.gov)

with a copy (which shall not constitute notice) to:

P.O. Box 750  
Erie, Colorado 80516  
Attention: Parks and Recreation Director  
Facsimile: (303) \_\_\_\_\_  
Email: [fbuller@erieco.gov](mailto:fbuller@erieco.gov)

HT Flatiron:

c/o Hines Interests Limited Partnership  
1515 Wynkoop, Suite 390  
Denver, Colorado 80202  
Attention: Chad Murphy & Dave Klebba  
Facsimile: (303) 573-8808  
Email: chad.murphy@hines.com & dave.klebba@hines.com

with a copy (which shall not constitute notice) to:

Thompson & Knight LLP  
1722 Routh Street, Suite 1500  
Dallas, Texas 75201  
Attn: Rick Haan  
Facsimile: (214) 999-9242  
Email: [rick.haan@tklaw.com](mailto:rick.haan@tklaw.com)

Escrow Agent:

8055 E Tufts Avenue, Suite 300  
Denver, Colorado 80237  
Attn: Peppy Newton  
Facsimile: (303) 633-7626  
Email: [pnewton@fnf.com](mailto:pnewton@fnf.com)

(c) Any changes in the terms and conditions hereof may only be made in writing and shall be effective only if signed by the Town and HT Flatiron. Any such changes that affect Escrow Agent's duties and obligations herein must be signed by Escrow Agent, as well. This Agreement may be executed in any number of counterparts, each of which shall be deemed an original, and all of such counterparts shall constitute one and the same instrument. Facsimiles or "PDFs" of original signatures, whether transmitted by fax or by email or otherwise, are binding as originals.

(d) In the event that any litigation arises in connection with this Agreement, it is hereby agreed that the prevailing party shall be entitled to recover its reasonable attorneys' fees and court costs. The mere failure or delay in exercising any remedy under this Agreement shall not constitute a waiver of the claims associated with same.

(e) The laws of the State of Colorado shall govern the interpretation, validity, performance and enforcement of this Agreement. For the resolution of any dispute arising hereunder, venue shall be in the Courts of the County of Weld, State of Colorado.

(f) In the event there is any fee charged by Escrow Agent for acting as the escrow agent hereunder, such fee shall be paid for by HT Flatiron.

[SIGNATURE PAGE FOLLOWS]

**EXECUTED** to be effective as of the Effective Date.

**HT FLATIRON:**

**HT FLATIRON LP,**  
a Delaware limited partnership

By: Hines Flatiron Associates Limited Partnership,  
a Texas limited partnership  
its general partner

By: Hines Flatiron GP LLC,  
a Delaware limited liability company,  
its general partner

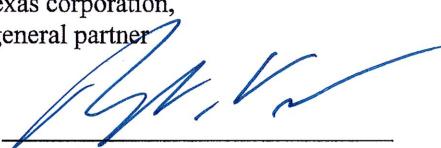
By: Hines Investment Management Holdings Limited Partnership,  
a Texas limited partnership,  
its sole member

By: HIMH GP LLC,  
a Delaware limited liability company,  
its general partner

By: Hines Real Estate Holdings Limited Partnership,  
a Texas limited partnership,  
its sole member

By: JCH Investments, Inc.,  
a Texas corporation,  
its general partner

By: \_\_\_\_\_  
CM Robert W. Witte  
Senior Managing Director



**THE TOWN:**

**TOWN OF ERIE,**  
a Colorado municipal corporation

By: \_\_\_\_\_  
Tina Harris, Mayor

ATTEST:

By: \_\_\_\_\_  
Nancy J. Parker, Town Clerk

**ESCROW AGENT:**

**FIDELITY TITLE INSURANCE COMPANY**

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**EXHIBIT A**

[see following 4 pages]

**Bid Tabulation**

**March 22, 2017**

**Star Meadows Park Construction (PR-17-05)**

<b>Goodland Construction</b>									<b>Goodland Construction - REVISED</b>								
NO.	DESCRIPTION	QTY	UNITS	UNIT PRICE	% OF AVERAGE			EXTENSION	QTY	UNITS	UNIT PRICE	% OF AVERAGE			EXTENSION		
	<b>START-UP</b>																
	Traffic control	1	LS	\$ 7,500.00	90%	\$	7,500.00		1	LS	\$ 7,500.00	90%	\$	7,500.00			
	Site staking/surveying	1	LS	\$ 16,500.00	78%	\$	16,500.00		1	LS	\$ 16,500.00	78%	\$	16,500.00			
	Temporary construction fence	2485	LF	\$ 5.50	133%	\$	13,667.50		2485	LF	\$ 5.50	133%	\$	13,667.50			
	<i>Additional Items (List):</i>																
	Mobilization	1	LS	\$ 115,000.00	117%	\$	115,000.00		1	LS	\$ 115,000.00	117%	\$	115,000.00			
	Staging	1	LS	\$ 6,500.00	100%	\$	6,500.00		1	LS	\$ 6,500.00	100%	\$	6,500.00			
	<b>EROSION CONTROL</b>																
	Silt fence	1325	LF	\$ 3.50	148%	\$	4,637.50		1325	LF	\$ 3.50	148%	\$	4,637.50			
	Concrete washout	1	EA	\$ 1,250.00	78%	\$	1,250.00		1	EA	\$ 1,250.00	78%	\$	1,250.00			
	Inlet protection	10	EA	\$ 450.00	92%	\$	4,500.00		10	EA	\$ 450.00	92%	\$	4,500.00			
	Vehicle tracking control	1	EA	\$ 2,850.00	100%	\$	2,850.00		1	EA	\$ 2,850.00	100%	\$	2,850.00			
	Sedimentation pond	1	EA	\$ 3,500.00	53%	\$	3,500.00		1	EA	\$ 3,500.00	53%	\$	3,500.00			
	Seeding and mulching	4.8	AC	\$ 500.00	26%	\$	2,400.00		4.8	AC	\$ 500.00	26%	\$	2,400.00			
	Fuel containment area	1	EA	\$ 1,500.00	225%	\$	1,500.00		1	EA	\$ 1,500.00	225%	\$	1,500.00			
	Erosion control maintenance (months)	6	EA	\$ 850.00	38%	\$	5,100.00		6	EA	\$ 850.00	38%	\$	5,100.00			
	<i>Additional Items (List):</i>																
	Sediment Control Log	1325	LF	\$ 8.50	165%	\$	11,262.50		40	LF	\$ 8.50	165%	\$	340.00			
	Curb sock		EA		0%	\$	-				EA		0%	\$	-		
	Stabilized staging area		EA		0%	\$	-				EA		0%	\$	-		
	Curb Rock Socks	20	EA	\$ 125.00	180%	\$	2,500.00		20	EA	\$ 125.00	180%	\$	2,500.00			
	<b>DEMOLITION</b>																
	Demo existing curb and gutter	105	LF	\$ 10.50	41%	\$	1,102.50		105	LF	\$ 10.50	41%	\$	1,102.50			
	Demo existing sidewalk	710	SF	\$ 2.50	24%	\$	1,775.00		710	SF	\$ 2.50	24%	\$	1,775.00			
	Sawcut asphalt	300	LF	\$ 4.25	67%	\$	1,275.00		300	LF	\$ 4.25	67%	\$	1,275.00			
	Demo existing asphalt	590	SF	\$ 3.25	13%	\$	1,917.50		590	SF	\$ 3.25	13%	\$	1,917.50			
	Clear and grub vegetation	338500	SF	\$ 0.025	100%	\$	8,462.50		338500	SF	\$ 0.025	100%	\$	8,462.50			
	<i>Additional Items (List):</i>																
	<b>UTILITIES - STORM DRAINAGE SYSTEM</b>																
	Storm line - 6" PVC SDR 35 (underdrain connections)	50	LF	\$ 45.00	93%	\$	2,250.00		50	LF	\$ 45.00	93%	\$	2,250.00			
	Storm line - 15" RCP	480	LF	\$ 75.00	84%	\$	36,000.00		480	LF	\$ 75.00	84%	\$	36,000.00			
	Cleanout - Underdrain, foundation drain or roof drain	3	EA	\$ 650.00	120%	\$	1,950.00		3	EA	\$ 650.00	120%	\$	1,950.00			
	Inlet - Type 13 (3' depth)	3	EA	\$ 5,850.00	123%	\$	17,550.00		3	EA	\$ 5,850.00	123%	\$	17,550.00			
	Inlet - 3' Combination (3' depth)	1	EA	\$ 6,650.00	109%	\$	6,650.00		1	EA	\$ 6,650.00	109%	\$	6,650.00			
	Manhole - 4' (5' depth, w/ grated pedestrian rated lid)	3	EA	\$ 4,100.00	80%	\$	12,300.00		3	EA	\$ 4,100.00	80%	\$	12,300.00			
	24" Sidewalk Chase	12	LF	\$ 285.00	116%	\$	3,420.00		12	LF	\$ 285.00	116%	\$	3,420.00			
	<i>Additional Items (List):</i>																
	Storm Line - 15" PVC	380	LF	\$ 65.00	118%	\$	24,700.00		380	LF	\$ 65.00	118%	\$	24,700.00			
	Storm Line - 4" PVC																
	3/4" IPEX Mister Waterline	395	LF	\$ 42.50	100%	\$	16,787.50		395	LF	\$ 42.50	100%	\$	16,787.50			
	<b>ELECTRICAL</b>																
	Electrical Service:																
	New Excel Transformer	0	LS	\$ -	0%	\$	-		0	LS	\$ -	0%	\$	-			
	New Power Pedestal P1	1	LS	\$ 12,555.00	91%	\$	12,555.00		1	LS	\$ 12,555.00	91%	\$	12,555.00			
	New Service Entrance feeder (#3)	1	LF	\$ 5,725.00	148%	\$	5,725.00		1	LF	\$ 5,725.00	148%	\$	5,725.00			
	<b>General Power and Lighting:</b>																
	General Receptacle	5	EA	\$ 420.00	109%	\$	2,100.00		5	EA	\$ 420.00	109%	\$	2,100.00			
	Recept & Ltg Branch Circuit	600	LF	\$ 14.00	105%	\$	8,400.00		600	LF	\$ 14.00	105%	\$	8,400.00			
	Fiber Optic	1	LS	\$ 42,500.00	104%	\$	42,500.00		1	LS	\$ 42,500.00	104%	\$	42,500.00			
	<b>Misting Pumps Power</b>																
	Misting Pumps Power	1	LS	\$ 5,335.00	95%	\$	5,335.00		1	LS	\$ 5,335.00	95%	\$	5,335.00			
	<i>Additional Items (List):</i>																
	<b>SITE CONSTRUCTION</b>																
	Stripping and stockpile topsoil	4.8	AC	\$ 3,125.00	130%	\$	15,000.00		4.8	AC	\$ 3,125.00	130%	\$	15,000.00			
	Place stockpiled topsoil	3910	CY	\$ 4.00	123%	\$	15,640.00		3910	CY	\$ 4.00	123%	\$	15,640.00			
	Pavement subgrade prep (36" depth)	5300	CY	\$ 7.00	133%	\$	37,100.00		5300	CY	\$ 7.00	133%	\$	37,100.00			
	Cut, fill and compact onsite material	19100	CY	\$ 5.80	80%	\$	110,780.00		19100	CY	\$ 5.80	80%	\$	110,780.00			
	Concrete flatwork	28165	SF	\$ 7.50	116%	\$	211,237.50		28165	SF	\$ 7.50	116%	\$	211,237.50			
	Colored concrete at Plaza	1105	SF	\$ 16.50	59%	\$	18,232.50		1105	SF	\$ 16.50	59%	\$	18,232.50			
	Crusher fines	6650	SF	\$ 3.10	125%	\$	20,615.00		6650	SF	\$ 3.10	125%	\$	20,615.00			
	Sandblasting	1	LS	\$ 11,150.00	47%	\$	11,150.00		1	LS	\$ 11,150.00	47%	\$	11,150.00			
	Colored concrete at Sundial	320	SF	\$ 23.50	42%	\$	7,520.00		320	SF	\$ 23.50	42%	\$	7,520.00			
	Concrete at Sundial	240	SF	\$ 12.50	38%	\$	3,000.00		240	SF	\$ 12.50	38%	\$	3,000.00			
	Concrete Phases of the Moon Table	35	LF	\$ 410.00	96%	\$	14,350.00		35	LF	\$ 410.00	96%	\$	14,350.00			
	Colored concrete seat walls	75	LF	\$ 310.00	61%	\$	23,250.00		75	LF	\$ 310.00	61%	\$	23,250.00			
	<i>Additional Items (List):</i>																
	Import		CY	\$ 16.50	0%	\$	-				CY	\$ 5.80	0%	\$	-		
	Export	1440	CY	\$ 16.50	96%	\$	23,760.00		1440	CY	\$ 5.80	34%	\$	8,352.00			
	Concrete pads for electrical																
	Backflow and enclosure																
	3/4" PEX pipe																
	<b>PARKING LOT</b>																
	Asphalt paving - 6.5"	380	tons	\$ 115.00	85%	\$	43,700.00		380	tons	\$ 115.00	85%	\$	43,700.00			
	Concrete curb & gutter-6"vertical, 1' pan	660	LF	\$ 27.50	111%	\$	18,150.00		660	LF	\$ 27.50	111%	\$	18,150.00			

**Bid Tabulation**

**March 22, 2017**

**Star Meadows Park Construction (PR-17-05)**

**Goodland Construction**

**Goodland Construction - REVISED**

NO.	DESCRIPTION	QTY	UNITS	UNIT PRICE	% OF AVERAGE	EXTENSION	QTY	UNITS	UNIT PRICE	% OF AVERAGE	EXTENSION
	Concrete curb ramps (with detectable warning)	2	EA	\$ 1,450.00	85%	\$ 2,900.00	2	EA	\$ 1,450.00	85%	\$ 2,900.00
	Concrete 8" pan (8" thick reinforced)	35	LF	\$ 76.00	97%	\$ 2,660.00	35	LF	\$ 76.00	97%	\$ 2,660.00
	Striping(4" wide)	330	LF	\$ 4.50	98%	\$ 1,485.00	330	LF	\$ 4.50	98%	\$ 1,485.00
	Signage (small including post)	2	EA	\$ 310.00	83%	\$ 620.00	2	EA	\$ 310.00	83%	\$ 620.00
<i>Additional Items (List):</i>											
Recycled concrete base											
<b>SITE AMENITIES AND FURNISHINGS</b>											
	Curbwall at play area	660	LF	\$ 27.50	52%	\$ 18,150.00	660	LF	\$ 27.50	52%	\$ 18,150.00
	Concrete mowband at Sundial	605	LF	\$ 18.50	85%	\$ 11,192.50	80	LF	\$ 18.50	85%	\$ 1,480.00
	Play Area EWF	8320	SF	\$ 3.10	90%	\$ 25,792.00	8320	SF	\$ 3.10	90%	\$ 25,792.00
	Playworld Playform 7	1	LS	\$ 109,100.00	93%	\$ 109,100.00	1	LS	\$ 109,100.00	93%	\$ 109,100.00
	Playworld Play Cube	2	EA	\$ 4,100.00	72%	\$ 8,200.00	2	EA	\$ 4,100.00	72%	\$ 8,200.00
	Landscape Structures Oodle Swing	1	EA	\$ 14,675.00	114%	\$ 14,675.00	1	EA	\$ 14,675.00	114%	\$ 14,675.00
	Landscape Structures 2 Bay Swing (3 Belt, 1 Bucket)	1	EA	\$ 3,970.00	131%	\$ 3,970.00	1	EA	\$ 3,970.00	131%	\$ 3,970.00
	Landscape Structures ADA Bucket Seat	1	EA	\$ 1,680.00	147%	\$ 1,680.00	1	EA	\$ 1,680.00	147%	\$ 1,680.00
	Dynamo Mini Apollo	1	EA	\$ 22,815.00	100%	\$ 22,815.00	1	EA	\$ 22,815.00	100%	\$ 22,815.00
	Kompan Supernova	1	LS	\$ 12,135.00	91%	\$ 12,135.00	1	LS	\$ 12,135.00	91%	\$ 12,135.00
	Goric Floating Rocks	1	LS	\$ 20,735.00	94%	\$ 20,735.00	1	LS	\$ 20,735.00	94%	\$ 20,735.00
	Concrete Steppers	15	EA	\$ 875.00	110%	\$ 13,125.00	15	EA	\$ 875.00	110%	\$ 13,125.00
	Half Moon Climbing Rock	1	LS	\$ 21,200.00	93%	\$ 21,200.00	1	LS	\$ 21,200.00	93%	\$ 21,200.00
	Sandstone Bridge Climber	1	EA	\$ 9,500.00	165%	\$ 9,500.00	1	EA	\$ 9,500.00	165%	\$ 9,500.00
	Concrete Access Ramps	2	EA	\$ 1,650.00	75%	\$ 3,300.00	2	EA	\$ 1,650.00	75%	\$ 3,300.00
	4" perforated pipe at play pits	160	LF	\$ 12.50	50%	\$ 2,000.00	160	LF	\$ 12.50	50%	\$ 2,000.00
	Landscape Forms Parc Vue Backless Benches	8	EA	\$ 1,680.00	103%	\$ 13,440.00	8	EA	\$ 1,680.00	103%	\$ 13,440.00
	Landscape Forms Parc Vue Backed Benches	7	EA	\$ 2,010.00	101%	\$ 14,070.00	7	EA	\$ 2,010.00	101%	\$ 14,070.00
	Landscape Forms Charlie Picnic Table	16	EA	\$ 4,865.00	96%	\$ 77,840.00	16	EA	\$ 4,865.00	96%	\$ 77,840.00
	Wausau Game Tables	2	EA	\$ 2,810.00	104%	\$ 5,620.00	2	EA	\$ 2,810.00	104%	\$ 5,620.00
	Landscape Forms Parc Vue Trash/Recycle Receptacles	8	EA	\$ 1,200.00	110%	\$ 9,600.00	8	EA	\$ 1,200.00	110%	\$ 9,600.00
	Landscape Forms Bike Racks	6	EA	\$ 700.00	125%	\$ 4,200.00	6	EA	\$ 700.00	125%	\$ 4,200.00
	BBQ Grills	3	EA	\$ 1,615.00	104%	\$ 4,845.00	3	EA	\$ 1,615.00	104%	\$ 4,845.00
	Shade Shelter (Large)	1	EA	\$ 31,825.00	110%	\$ 31,825.00	1	EA	\$ 31,825.00	110%	\$ 31,825.00
	Shade Shelter (Small)	2	EA	\$ 23,450.00	104%	\$ 46,900.00	2	EA	\$ 23,450.00	104%	\$ 46,900.00
	Arbor Shelters 7 1/2' x 20'	2	EA	\$ 19,850.00	88%	\$ 39,700.00	2	EA	\$ 19,850.00	88%	\$ 39,700.00
	Swing Benches	4	EA	\$ 4,150.00	130%	\$ 16,600.00	4	EA	\$ 4,150.00	130%	\$ 16,600.00
	Slack Line Posts	4	EA	\$ 1,150.00	40%	\$ 4,600.00	4	EA	\$ 1,150.00	40%	\$ 4,600.00
	Restroom Enclosure	1	EA	\$ 18,100.00	101%	\$ 18,100.00	1	EA	\$ 18,100.00	101%	\$ 18,100.00
	Stainless Steel Dome	1	EA	\$ 5,455.00	88%	\$ 5,455.00	1	EA	\$ 5,455.00	88%	\$ 5,455.00
	Rock Misters (Granite Landscape Boulders w/ parts,labor)	3	EA	\$ 7,120.00	76%	\$ 21,360.00	3	EA	\$ 7,120.00	76%	\$ 21,360.00
	Bollard (Misting activator)	1	EA	\$ 8,830.00	122%	\$ 8,830.00	1	EA	\$ 8,830.00	122%	\$ 8,830.00
<i>Additional Items (List):</i>											
<b>SPORTS FIELDS/EQUIPMENT</b>											
	Backstop	1	LS	\$ 36,110.00	222%	\$ 36,110.00	1	LS	\$ 4,025.00	25%	\$ 4,025.00
	Basketball court (post tension concrete)	1800	SF	\$ 15.50	98%	\$ 27,900.00	1800	SF	\$ 15.50	98%	\$ 27,900.00
	Basketball goals	2	EA	\$ 3,555.00	105%	\$ 7,110.00	2	EA	\$ 3,555.00	105%	\$ 7,110.00
	Basketball court striping	1	LS	\$ 2,225.00	136%	\$ 2,225.00	1	LS	\$ 2,225.00	136%	\$ 2,225.00
<i>Additional Items (List):</i>											
<b>LANDSCAPE</b>											
	Trees deciduous	66	EA	\$ 525.00	105%	\$ 34,650.00	66	EA	\$ 525.00	105%	\$ 34,650.00
	Trees ornamental	25	EA	\$ 440.00	104%	\$ 11,000.00	25	EA	\$ 440.00	104%	\$ 11,000.00
	Trees coniferous	17	EA	\$ 525.00	86%	\$ 8,925.00	17	EA	\$ 525.00	86%	\$ 8,925.00
	Buff sandstone landscape boulders	32	EA	\$ 445.00	90%	\$ 14,240.00	32	EA	\$ 445.00	90%	\$ 14,240.00
	Granite landscape boulders	44	EA	\$ 495.00	86%	\$ 21,780.00	44	EA	\$ 495.00	86%	\$ 21,780.00
	Buff step stones	40	EA	\$ 140.00	114%	\$ 5,600.00	40	EA	\$ 140.00	114%	\$ 5,600.00
	Shrubs	166	EA	\$ 60.00	105%	\$ 9,960.00	166	EA	\$ 60.00	105%	\$ 9,960.00
	Perennials and Grasses	508	EA	\$ 21.00	118%	\$ 10,668.00	508	EA	\$ 21.00	118%	\$ 10,668.00
	Rock mulch, planting beds	9500	SF	\$ 1.25	88%	\$ 11,875.00	9500	SF	\$ 1.25	88%	\$ 11,875.00
	Soil prep and seed mix	5150	SF	\$ 0.35	75%	\$ 1,802.50	5150	SF	\$ 0.35	75%	\$ 1,802.50
	Metal edge (planting beds, Solar Summit)	140	LF	\$ 6.50	178%	\$ 910.00	140	LF	\$ 6.50	178%	\$ 910.00
	Fine grading	269000	SF	\$ 0.05	63%	\$ 13,450.00	269000	SF	\$ 0.05	63%	\$ 13,450.00
	Soil prep and sod	269000	SF	\$ 0.525	99%	\$ 141,225.00	269000	SF	\$ 0.525	99%	\$ 141,225.00
	Irrigation	283000	SF	\$ 0.55	116%	\$ 155,650.00	283000	SF	\$ 0.55	116%	\$ 155,650.00
	Irrigation controller	1	LS	\$ 3,780.00	86%	\$ 3,780.00	1	LS	\$ 3,780.00	86%	\$ 3,780.00
	Irrigation pump	1	LS	\$ 32,000.00	85%	\$ 32,000.00	1	LS	\$ 32,000.00	85%	\$ 32,000.00
<i>Additional Items (List):</i>											
Pump Enclosure											
ROW Landscaping - Deciduous Trees											
ROW Landscaping - Ornamental Trees											
Landscape Buffers (Shrubs at Parking Lot)											
Back flow and enclosure											
Tap Fees (contractors do not bid on this)											
<b>GRAND TOTAL</b>											



DATE: April 17, 2017

TO: Shanen Weber  
Design Concepts

FROM: Jim Pokorny  
GoodLand Construction, Inc.

RE: Star Meadow Park

Dear Shanen:

Thank you for the opportunity to work with you on your exciting project. The following are the corrections to our bid proposal per our conversation:

Bid Items	Quantity	Unit Price	Total Cost
<b><u>Original Bid</u></b>			
Sediment Control Logs	1,325 LF	\$ 8.50	\$11,262.50
Export Soil	1,440 CY	\$16.50	\$23,760.00
Concrete Mow Band	605 LF	\$18.50	\$11,192.50
Backstop	1 LS	\$36,110.00	<u>\$36,110.00</u>
TOTAL			\$82,325.00
<b><u>Corrected Bid</u></b>			
Sediment Control Logs	40 LF	\$ 8.50	\$ 340.00
Cut & Fill Soil	1,440 CY	\$ 5.80	\$ 8,352.00
Concrete Mow Band	80 LF	\$18.50	\$ 1,480.00
Backstop	1 LS	\$4,025.00	<u>\$ 4,025.00</u>
TOTAL			\$14,197.00
TOTAL DIFFERENCE			\$68,128.00

If you have any questions regarding the above please do not hesitate to call me. Thank you.

<b>Star Park Work Breakout</b>	<b>Cost</b>
Fine Grading	\$ 13,450
Soil Preparation and sod	\$ 141,225
Permenant Irrigation System	\$ 155,650
Irrigation Controller	\$ 3,780
Irrigation Pump	\$ 32,000
Back flow preventer	\$ 3,500
ROW Landscaping and Landscape Buffers	\$ 8,935
Total Hard Cost	<hr/> \$ 358,540
Contingency (10% of Goodland Bid)	\$ 35,854
	<hr/> <b>\$ 394,394</b>

**EXHIBIT B**

[see following 42 pages]













DESIGN CONCEPTS

STAR MEADOWS PARK



**Craftsland Inc.** \$575 & 3677  
Checked By: H. M. G.

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#### GENERAL NOTES

LEGEND







DESIGN  
CONCEPTS



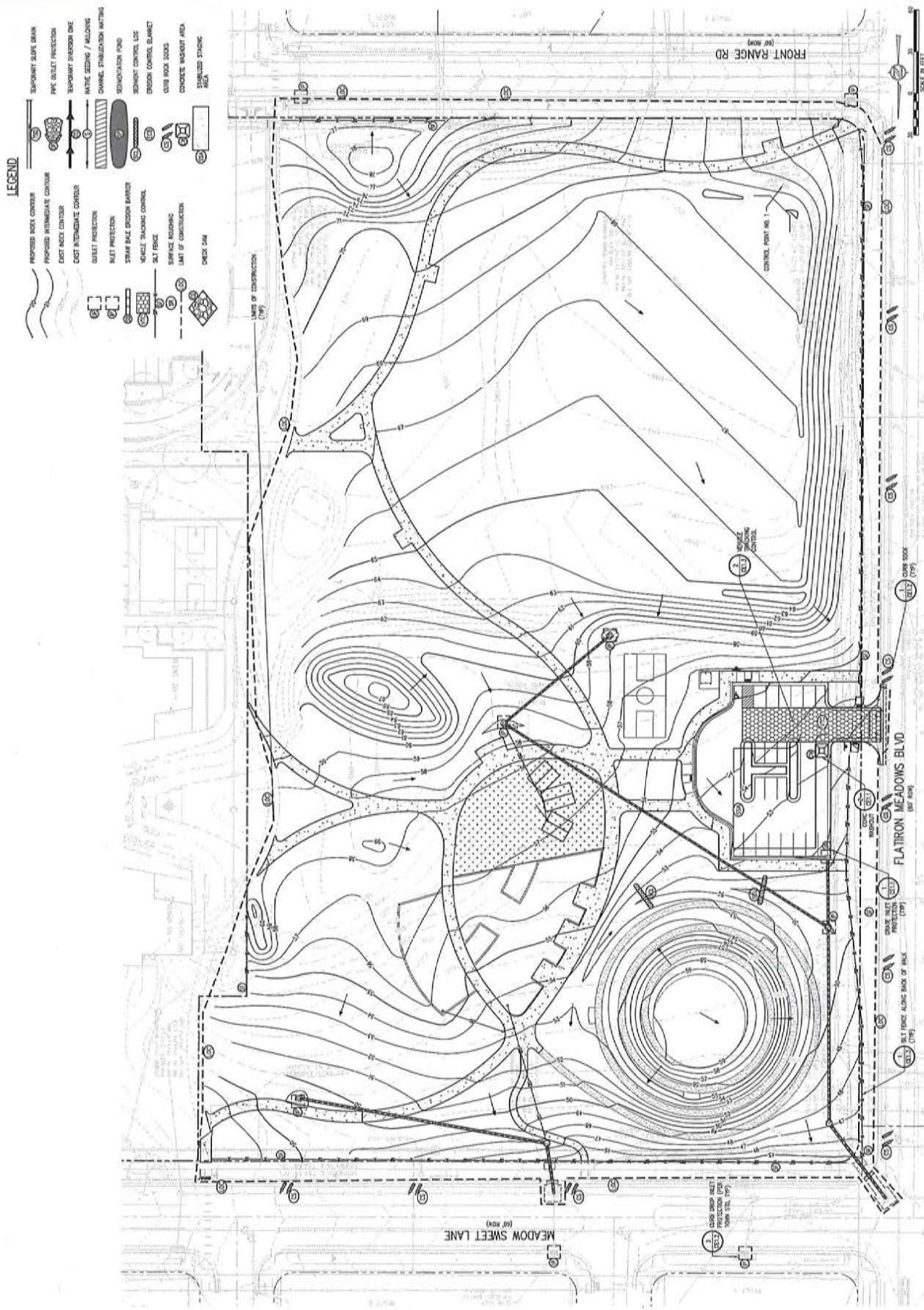
STAR MEADOWS PARK



Issued Per:	Date:
2020C-DSG	11.04.16
2020C-CDS	12.13.16
2020C-CD	10.24.17
2020C-CDD	02.21.17
Drafted By:	SW & WTP Institute
Checked By:	

All documents are available online at [www.sed.gov.in](http://www.sed.gov.in) and [www.wtpprojects.org](http://www.wtpprojects.org). The document is subject to continuous review and improvement. Any comments or suggestions are welcome for the improvement, contact us at [info@wtpprojects.org](mailto:info@wtpprojects.org).

CE10







DESIGN  
CONCEPTS

Engineering Services  
Planning  
Land Development  
Architectural  
Interior Design  
Construction Management



## STAR MEADOWS PARK

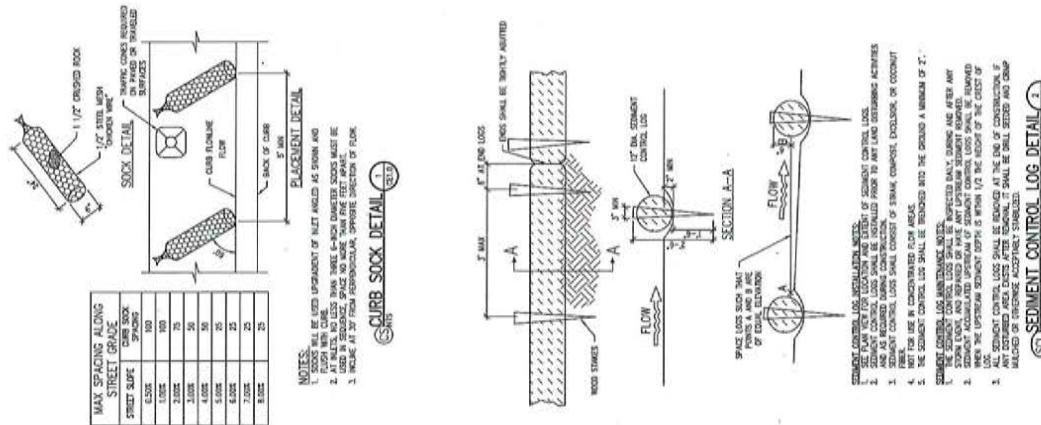
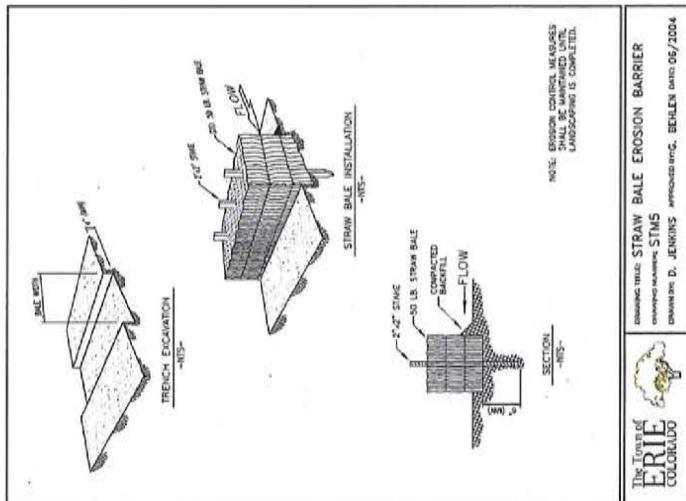
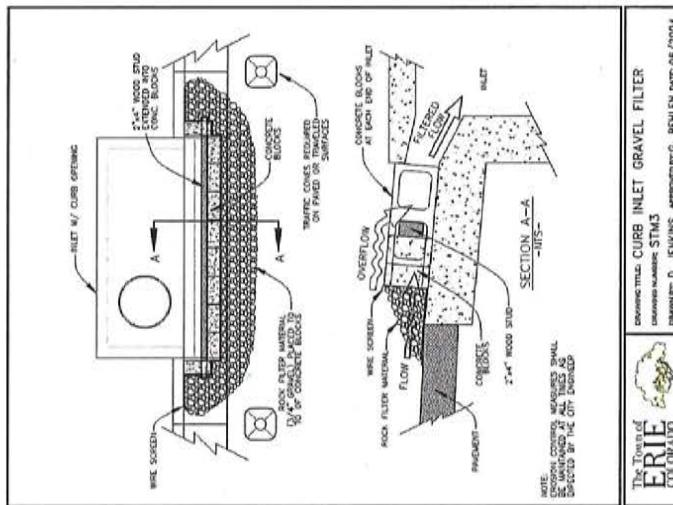


Project No: 21053.00  
Date: 11/26/16  
Revised For: 2005.00  
2005.00  
2005.00  
2005.00  
2005.00

Drawn By: SWA & WWP  
Checked By: MELISSA HARRIS  
Approved By: JEFFREY D. JENKINS  
Comments: APPROVED BY: JEFFREY D. JENKINS  
Date: 06/06/2014

Erosion Control Details

CE1.2



INLET PROTECTION DETAIL

STRAW BALE PROTECTION DETAIL

SEDIMENT CONTROL LOG DETAIL



DESIGN  
CONCEPTS

Community Landscaping  
Architectural Services  
Planning & Zoning  
Engineering Services



## STAR MEADOWS PARK

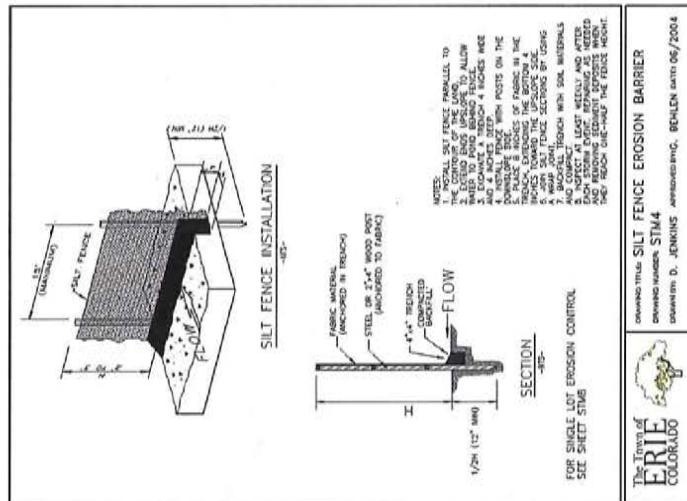
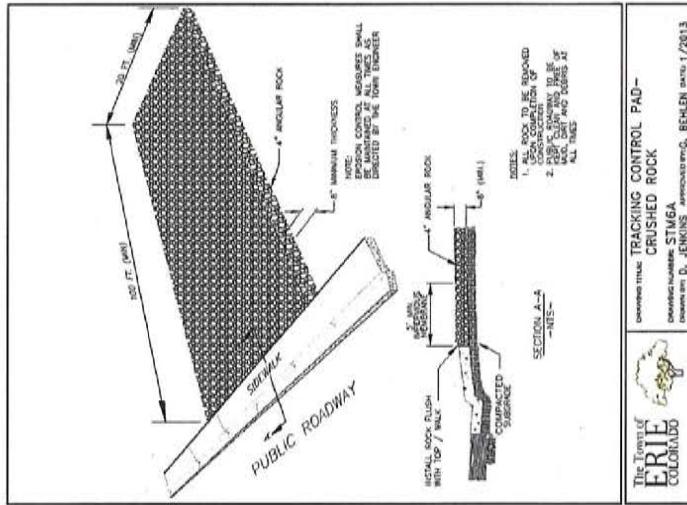


Project No.: 2003-030  
Date: 11/14/05  
Issued For: 2005-2006  
Architect: D. Jenkins  
Engineer: D. Jenkins  
Approved by: D. Jenkins  
Approved on: 06/06/2004

Project No.: 2003-030  
Date: 11/14/05  
Issued For: 2005-2006  
Architect: D. Jenkins  
Engineer: D. Jenkins  
Approved by: D. Jenkins  
Approved on: 06/06/2004

Erosion Control Details

CE1.3





DESIGN  
CONCEPTS

University of Louisville Archives

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STAR MEADOWS PARK



Page 1 of 1

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80% 0.00 0.00 %

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Gated Pre-Sets 201

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*Journal of Clinical Psychology* and  
were most often discontinued, compared to patients

Grading and Drainage

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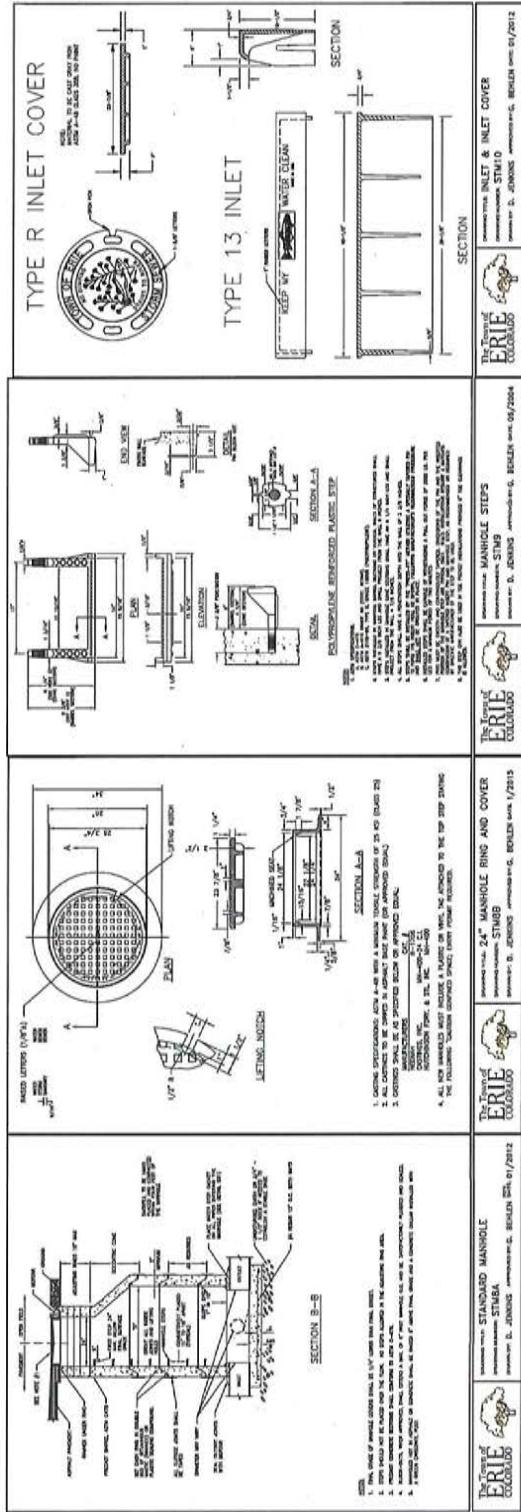
DESIGN  
CONCEPTS

Community Infrastructure Solutions  
20 Years of Experience

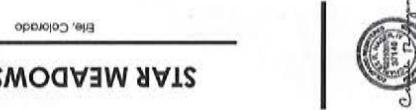
Planning  
Engineering  
Construction



## STAR MEADOWS PARK



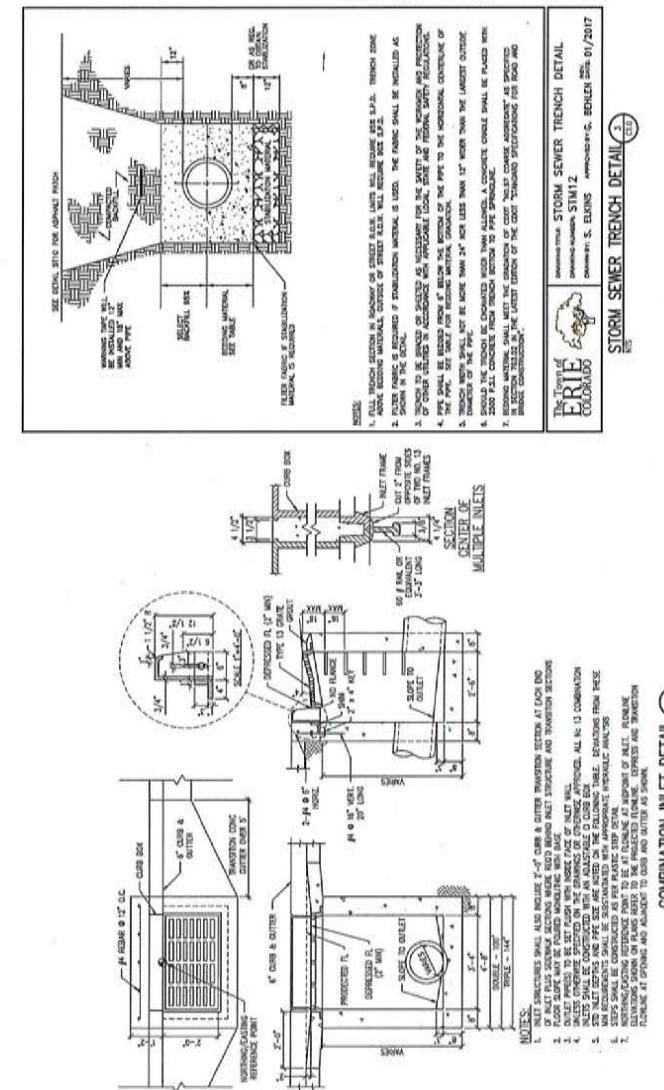
Erie, Colorado



Project No. 21801.00  
Date: 01/10/16  
Revised: 02/05/2016  
Reviewed: 02/05/2016  
Approved: 02/05/2016  
Comments: STMA10  
Prepared by: S. JONES  
Reviewed by: S. JONES  
Revised by: S. JONES  
BENHORN, INC.

Change Details

CD1.0



NOTES:

1. CONCRETE SECTION TO DITCH FLOOR OR DIRECTLY ON GROUND SURFACE. REINFORCEMENT REINFORCED WITH 20# HDG BOLTS.
2. DITCH FLOOR IS REQUIRED TO STABILIZE MATERIAL & LOAD. THE FLOOR SHALL BE INSTALLED AS SHOWN IN FIGURE. THIS IS REQUIRED FOR THE SAFETY OF THE WORKER AND PROTECTION OF OTHER WORKERS IN ACCORDANCE WITH APPROPRIATE LOCAL, STATE AND FEDERAL SAFETY REGULATIONS.
3. PIPE SHALL BE REINFORCED BELOW THE SECTION OF THE PIPE TO THE HORIZONTAL CENTERLINE OF THE DITCH FLOOR. IF THE PIPE IS NOT IN LINE, SWEEP THE PIPE SO THAT IT IS IN LINE WITH THE LARGEST OUTLET.
4. PIPE SHALL BE REINFORCED BELOW THE SECTION OF THE PIPE TO THE HORIZONTAL CENTERLINE OF THE DITCH FLOOR. IF THE PIPE IS NOT IN LINE, SWEEP THE PIPE SO THAT IT IS IN LINE WITH THE LARGEST OUTLET.
5. SHOULD THE DITCH BE DOUGLED WITH ALUMINUM CONCRETE CHAMBER, THE CONCRETE CHAMBER SHALL BE PLACED WITHIN THE DITCH FLOOR. THE DITCH FLOOR SHALL BE DOUGLED WITH THE CONCRETE CHAMBER.
6. DITCH FLOOR SHALL BE DOUGLED WITH THE CONCRETE CHAMBER. THE DITCH FLOOR SHALL BE DOUGLED WITH THE CONCRETE CHAMBER.
7. DITCH FLOOR SHALL BE DOUGLED WITH THE CONCRETE CHAMBER. THE DITCH FLOOR SHALL BE DOUGLED WITH THE CONCRETE CHAMBER.

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SECTION B-B

SECTION C-C

SECTION D-D

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SECTION G-G

SECTION H-H

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DESIGN CONCEPTS

Ergonomics + Industrial Psychology

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STAR MEADOWS PARK

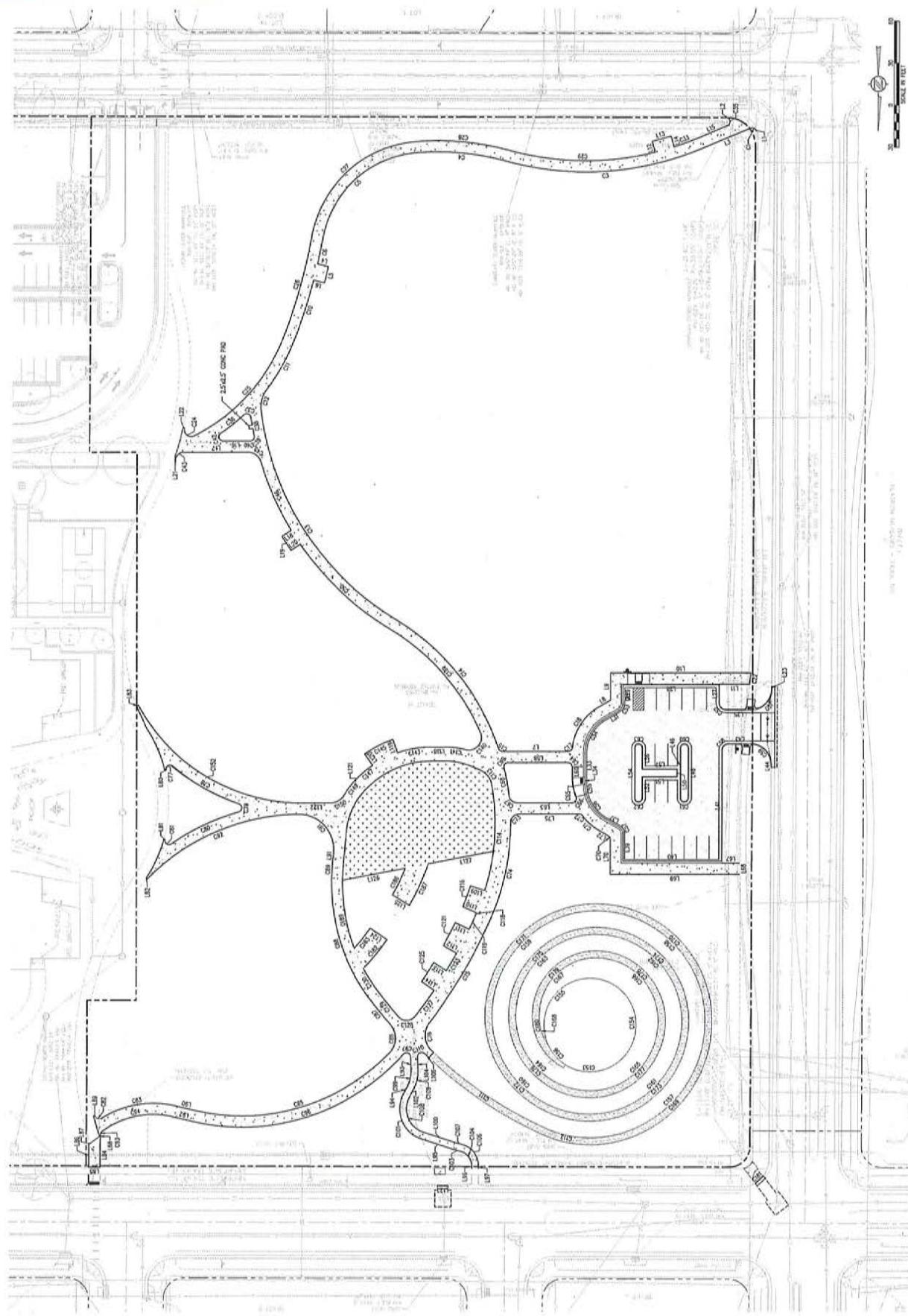
Erie, Colorado



Project No.: 21521.00

**Horizontal Control Plan**

1







DESIGN CONCEPTS

Engineering & Technology Journal

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CONTINUOUS

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1874



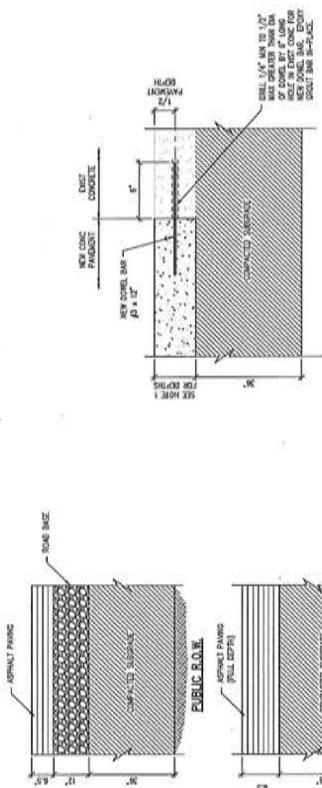
STAR MEADOWS PARK

DIA, Colorado

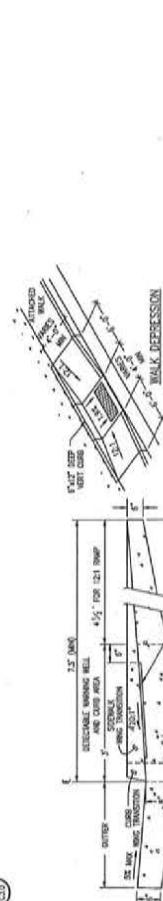


Project No.:	21523-00
Entered Date:	DATE:
10/06/2016	11/04/16
500% CDR	11/13/16
90% CDR	31/04/17
100% CDR	27/11/17

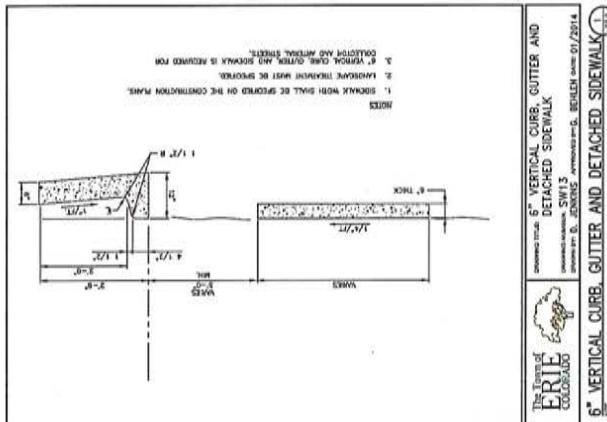
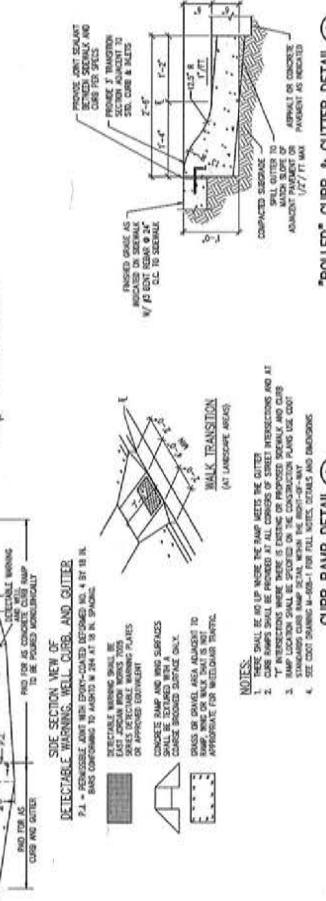
Drafted By: SW & WTP  
Checked By: [REDACTED]



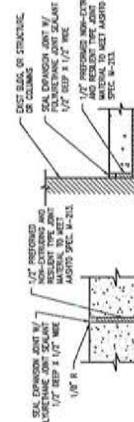
**CONCRETE PAVING SECTION DETAIL**



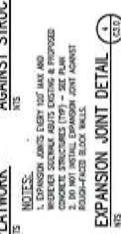
ASPHALT PAVING SECTION DETAIL



The diagram illustrates a cross-section of a street. It features a vertical curb on the left side, followed by a narrow gutter. To the right of the gutter is a detached sidewalk, which is a separate structure from the curb and gutter system. The entire area is bounded by a solid black line.



A THEORETICAL  
STRUCTURE AGAINST





DESIGN CONCEPTS



STAR MEADOWS PARK

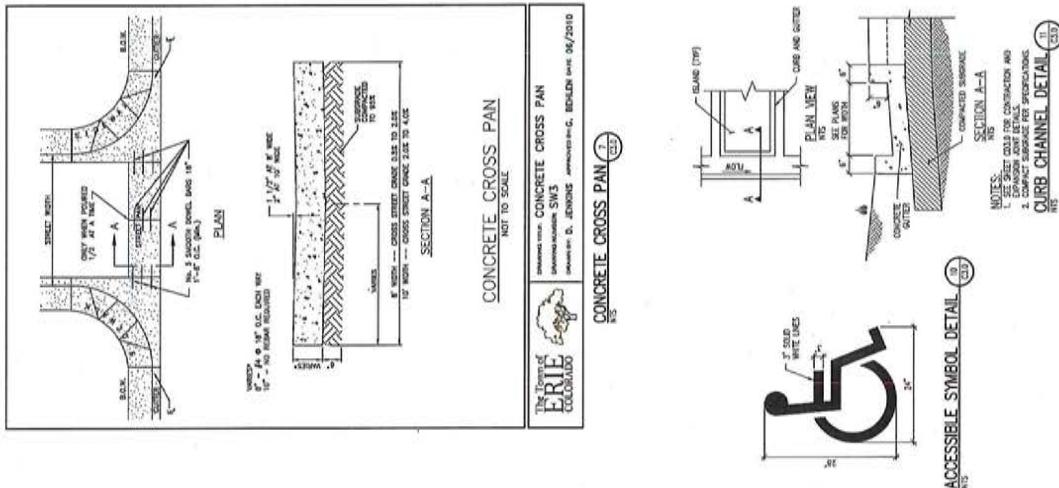
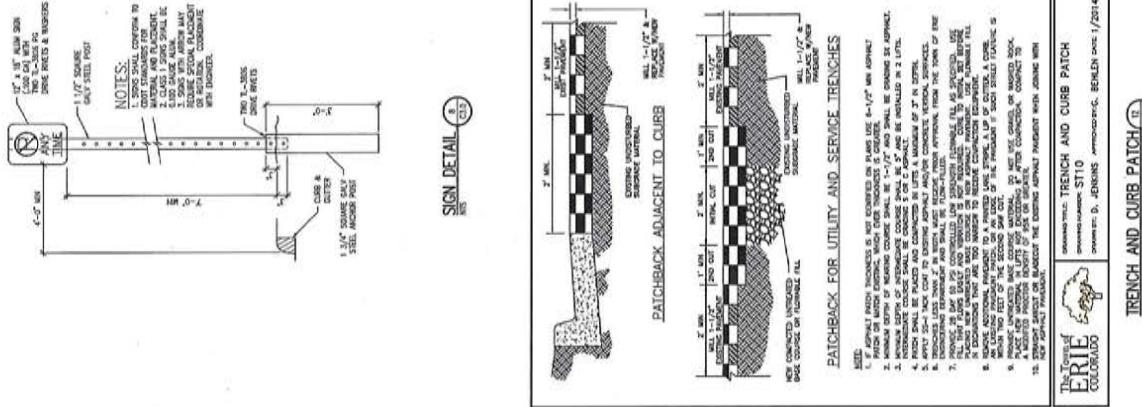
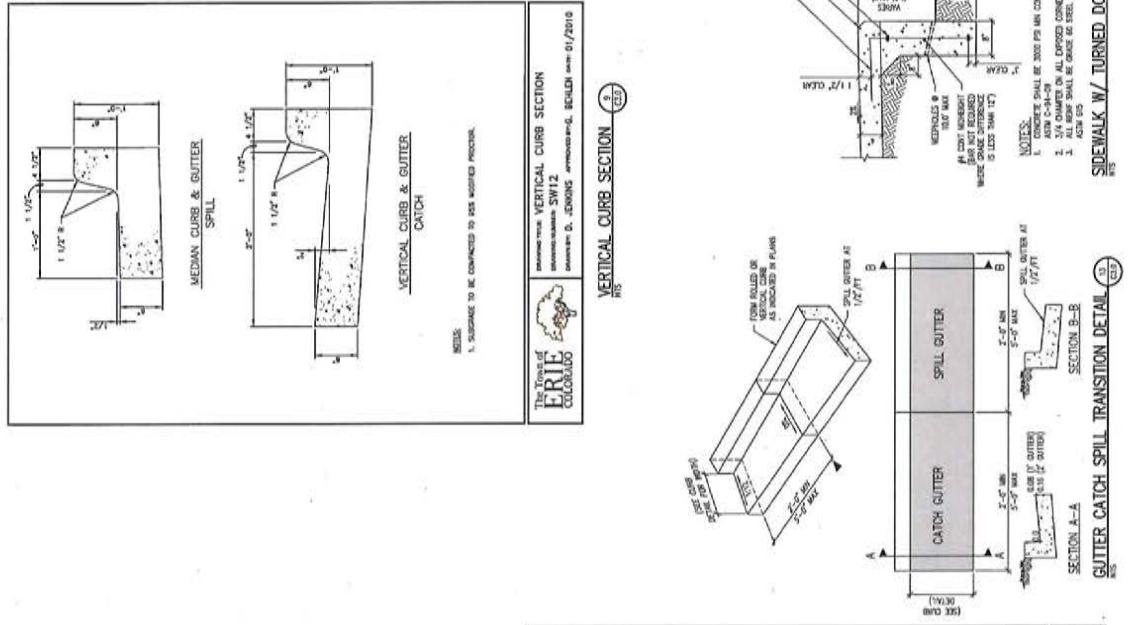
Ute, Colorado



Project No.:	21653.00
Issued For:	Date:
2005.00% 2005.00%	11.04.04 12.13.04
2005.00% 2005.00%	01.04.05 02.04.05
	2005.00% 2005.00%

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CD31











DESIGN  
CONCEPTS

DESIGN CONCEPTS



STAR MEADOWS PARK

Erie, Colorado



Project No.: 215523.00

OVERALL SITE PLAN

1

SITE TABLE RE: SPICS  
SITE BOLLARD  
TRASH RECEP TACLE RE: SPICS  
BINE BACK RE: SPICS

100

O r S P  
1

DESIGN  
CONCEPTS

Community Landscape Architects

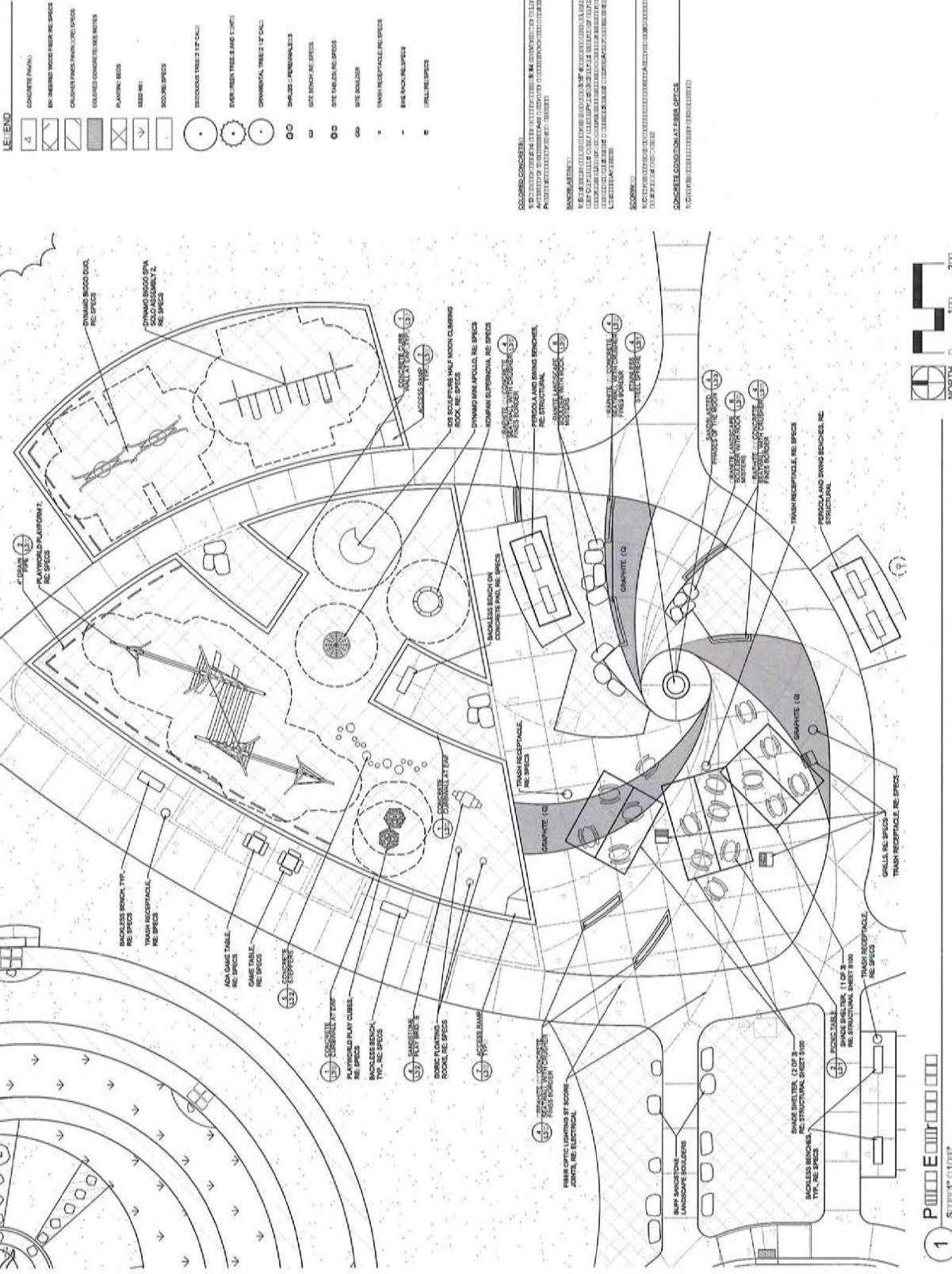
20 Years of Design &amp; Construction



## STAR MEADOWS PARK

Project Name: Star Meadows Park  
Architect: Design Concepts  
Landscape Architect: Design Concepts  
Structural Engineer: Design Concepts  
Civil Engineer: Design Concepts  
Lighting Designer: Design Concepts  
Site Planner: Design ConceptsArea Manager:  
Michael G. McLean  
Project Manager:  
Michael G. McLean  
Project Lead:  
Michael G. McLean  
Designer:  
Michael G. McLean  
Designer:  
Michael G. McLean  
Designer:  
Michael G. McLean  
Designer:  
Michael G. McLean

1.1





**DESIGN  
CONCEPTS**  
Community Landscape Architects

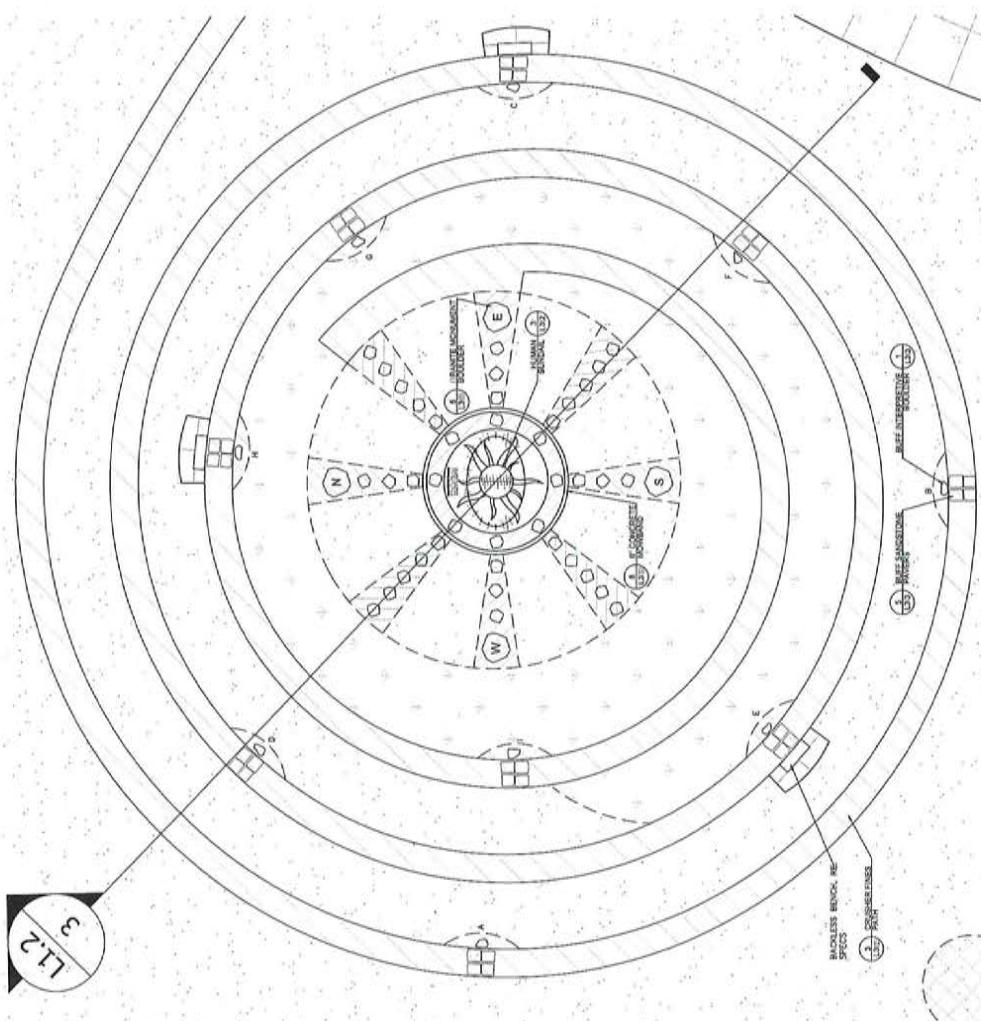
211 North Main Street  
Lafayette CO 80546  
(720) 591-1100



## STAR MEADOWS PARK

Beta, Colorado

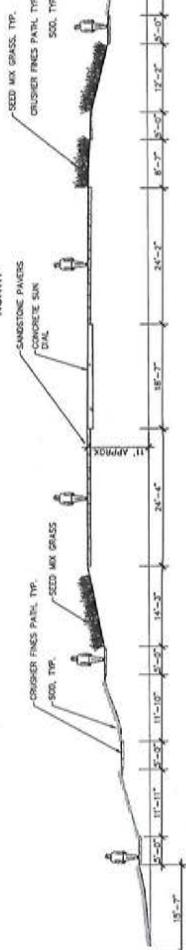
LEGEND	
<input type="checkbox"/>	CONCRETE PAVING
<input type="checkbox"/>	ENHANCEDWOOD FIBER NE SPECIES
<input type="checkbox"/>	CHALICE TREE PRIMARIE SPECIES
<input type="checkbox"/>	COLORED CONCRETE SIDE NOTES
<input type="checkbox"/>	PLANTING BEDS
<input type="checkbox"/>	SEED MIX
<input type="checkbox"/>	SOIL PALE SPECIES
<input type="checkbox"/>	DISCLOSURE TREE 3' (2' CAL)
<input type="checkbox"/>	SPIRAL / PERENNIALS 4'
<input type="checkbox"/>	SITE BENCHES SPECIES
<input type="checkbox"/>	SITE GRAVELS SPECIES
<input type="checkbox"/>	SITE COLOR
<input type="checkbox"/>	TRANS REINFORCED RETAINING
<input type="checkbox"/>	WHITE ROCK/AGGREGATE
<input type="checkbox"/>	WILL NE SPECIES



1 S 10'x10' E 10'x10' P 10'x10'  
S 10'x10' E 10'x10' P 10'

2 S 10'x10' P 10'x10' E 10'x10' P 10'x10'  
S 10'x10' E 10'x10' P 10'x10'

3 S 10'x10' S 10'x10' S 10'x10'



NORTH

NORTH

NORTH

Project No. 21033-00  
Revised For:  
21033-005, 11-18-18  
21033-006, 12-13-18  
21033-008, 03-24-19  
21033-009, 08-08-19  
  
Dashed Line: All & 1/4  
Chamfered By: 11-8 SW  
Bottom Edge: 11-8 SW  
  
NOTES: This drawing is for the construction of the above described project. It is the responsibility of the contractor to verify the correctness of the information contained herein. Any changes or modifications must be made in accordance with the contract documents and the plans and specifications.

### ENLARGEMENT AND SECTION

□ 1.2



DESIGN  
CONCEPTS

Community Landscape Architecture  
201 North Main Street  
Lafayette, CO 80026  
(720) 591-2233



## STAR MEADOWS PARK

Brie, Colorado



TOWN OF ESTES PARK  
CITY OF COLORADO  
ESTES PARK, COLORADO  
1880

Project No. 21503  
Architectural Drawing No. 1  
Date Issued: 12/20/2012  
Drawing No. 1  
Scale 1:100

CONCRETE  
SCORING  
LAYOUT AT  
PLAZA

1.

LEGEND	
4	CONCRETE PARKING
<input checked="" type="checkbox"/>	EMBEDDED ROCK RETAINING SPACES
<input checked="" type="checkbox"/>	COLORWASH & PIGMENT SPACES
<input checked="" type="checkbox"/>	COLORED CONCRETE SITE NOTES
<input checked="" type="checkbox"/>	PLANTED MEADS
<input checked="" type="checkbox"/>	SEED MEAD
<input checked="" type="checkbox"/>	SOIL RETAINING
<input checked="" type="checkbox"/>	DECIDUOUS TREES 2' TO 4'
<input checked="" type="checkbox"/>	SUBP. L. PERENNIAL 2.5'
<input checked="" type="checkbox"/>	SITE BEACH SPACES
<input checked="" type="checkbox"/>	SITE BARKER SPACES
<input checked="" type="checkbox"/>	SITE BARKER RETAINING
<input checked="" type="checkbox"/>	SITE EROSION
<input checked="" type="checkbox"/>	TRANSFERSPACE RETAINING
<input checked="" type="checkbox"/>	WEED HABIT SPACES
<input checked="" type="checkbox"/>	WILLAGE SPACES

COLONIAL CONCRETE

1/2" CONCRETE SURFACE OVER EARTH (100% CONCRETE)

PAINTED CONCRETE SURFACE FOR COLOR

CONCRETE PLASTER FINISHES

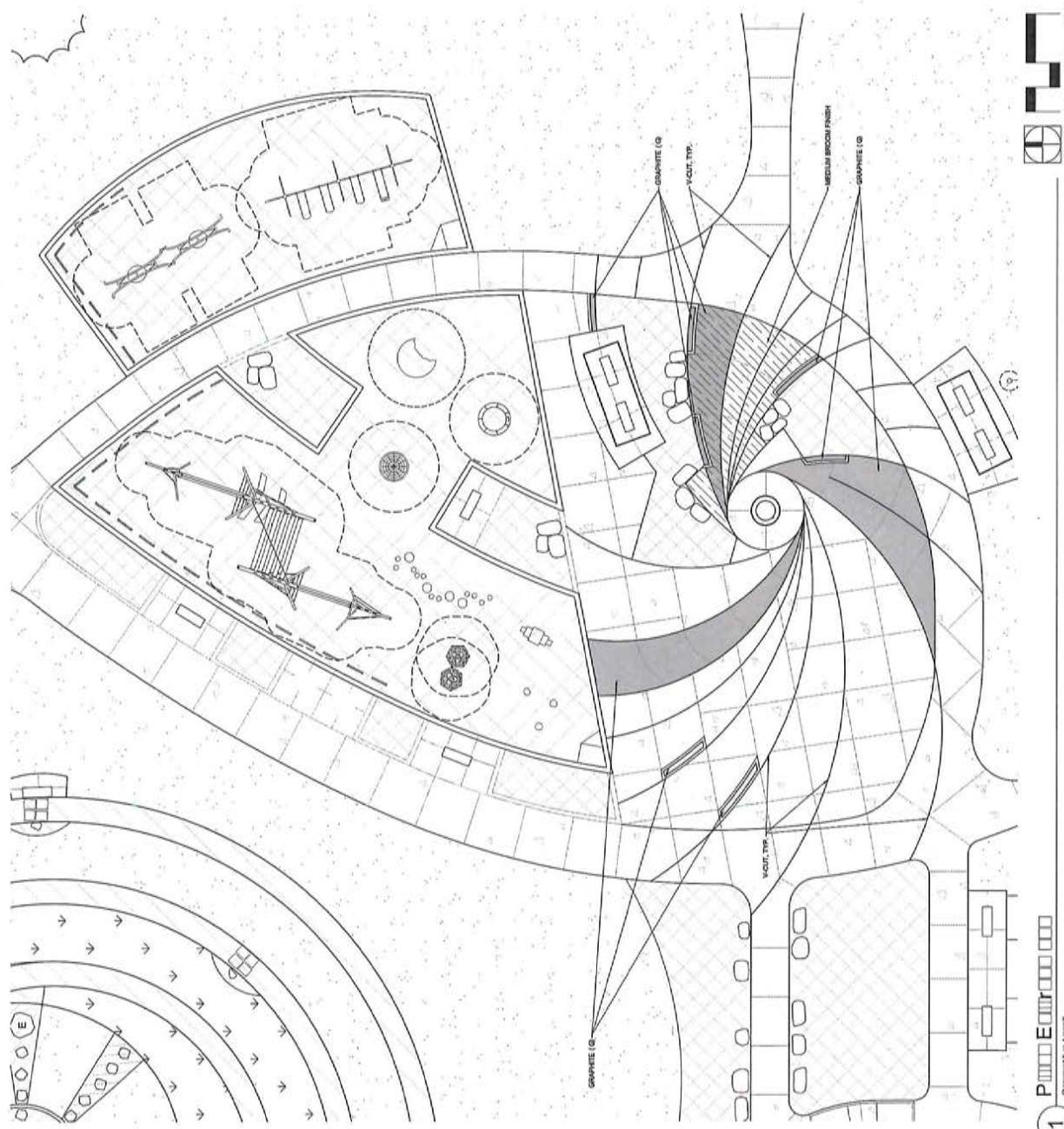
1/2" CONCRETE OVER EARTH (100% CONCRETE)

SANDCASTING

1/2" CONCRETE OVER EARTH (100% CONCRETE)

CONCRETE CONCRETE

1/2" CONCRETE OVER EARTH (100% CONCRETE)



1  
SHEET 1 OF 11



DESIGN  
CONCEPTS

Community Landscape Architects

20 Years Experience

Landscape Architecture

Planning Services

Landscaping Services



LEADER
CONCRETE PAVING
BURIED WOOD REAR SPACES
CEDAR FENCE MATERIALS
COLORED CONCRETE SITE NOTES
PLANTING BEDS
REEDS
SOIL SPACERS
DECORATIVE STONE OR CEMENT
EVERGREEN TREES & BUSHES
ORNAMENTAL TREES & FLOWERS
SHRUBS (PERENNIALS)
STONE BEACH RE-SPECTS
SOIL TERRACE RE-SPECTS
STONE BLOCKERS
TRANSFORMATIVE RE-SPECTS
WHITE BIRCH RE-SPECTS
WALL RE-SPECTS

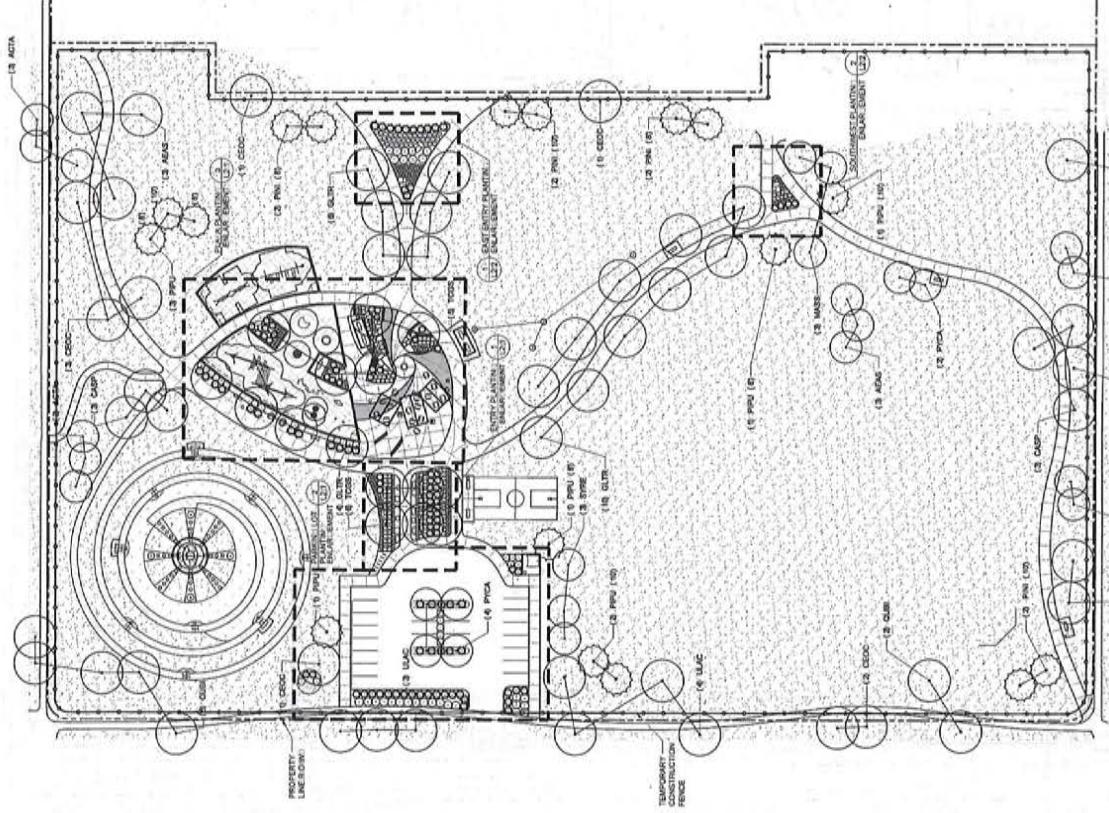
Erie, Colorado

## STAR MEADOWS PARK



**OVERALL  
LANDSCAPE  
PLAN**

2.



### Landscape Notes

- All plantings to be native ground cover ground covers located in 100% hardiness zones 1, 2, 3, or 4.
- There will be no development, new or pre-existing, on any land 10'-12' from the final grade. There will be no property located within 12' of any new or existing drainage.
- There will be no development, new or pre-existing, on any property located on the property line between 10'-12' from the property line.
- There will be no new or existing drainage located within 10'-12' of any new or existing property line. Depths of drain to be determined by the Contractor's Engineer.
- Specified bed from which beds with any type mulch.
- Contractor to retain permission to move protection beneath all shrub beds.
- Soil preparation shall consist of composted topsoil applied at a rate of 5 cubic yards per 1000 SF.
- Soil preparation shall consist of a mix of 50% topsoil and 50% sand.
- Site preparation shall consist of a mix of 50% topsoil and 50% sand.
- The Contractor will be solely responsible for safety to, or about, the project site. Any damage to equipment, property or vehicles, not designated for removal, relocation or replacement, shall be repaired by the Contractor at their own expense.
- The Contractor shall be responsible for obtaining any permits or licenses required for the performance of any work required by the project.
- The business address where the project is to be performed must be the same as the business address where the contractor resides. If the contractor resides in a place other than the place where the project is to be performed, the contractor must provide the name and address location of all existing utility companies, names, phone numbers, and addresses of all government agencies and offices, and other government departments, which may affect the project. Information provided to the City of Lakewood must be submitted in writing and may be subject to inspection by the City of Lakewood and other government departments.
- Information provided to the City of Lakewood must be submitted in writing and may be subject to inspection by the City of Lakewood and other government departments.
- The Contractor shall make all utility companies in their area aware of their intent to perform construction to verify depths and locations of all utilities.
- Contractor shall make all utility companies to provide back up for the loss of utility services, losses, and fees, not incurred by subcontractors shall be protected. Any changes will be required at Contractor's direction.
- Contractor shall make all utility companies to provide back up for the loss of utility services, losses, and fees, not incurred by subcontractors shall be protected. Any changes will be required at Contractor's direction.
- All paving, rock, & stone to be imported via an underground irrigation system.
- All piping, rock, & stone to be used in landscape beds.

### PLANT SCHEDULE

CODE	DECORATIVE TREES	CORPORATE NAME	CONT.
AUSA	ABIGAIL X ARBORETUM 'NORTON'S PURPLE'	Bedford Arborv., Springfield	2' 8x8
CASP	CATHARTA ELPIDA	Western Ginkgo	2' 8x8
CELC	CELTIS OCCIDENTALIS	Tropical Honeyberry	2' 8x8
GLES	GLECHOMA THYMIFOLIA 'VARIA' 'VULGARIS'	Tropical Honeyberry	2' 8x8
GLUB	GLUCOMIA MANZANERA	Yellowberry	2' 8x8
QUMI	QUILLAJA SACCARIFOLIA	Chokecherry	2' 8x8
TELA	TELA ECUATORIA	Grosbeak Bush	2' 8x8
ULAC	ULmus ACEROLA	Acacia Elm	2' 8x8
<hr/>			
<b>UNDECORATED TREES</b>			
ACTA	AKERMANIA VERNERA	CORAL NAME	CONT.
MAGA	MALUS X SPRINGDALE	Snowball Tree	1' 8x8
PYRA	PYRUS CALIFORNICA	Cloudleader Pear	1' 8x8
SYNA	SYRINGA RETICULATA	Aspirin Bush	1' 8x8
<hr/>			
<b>Evergreen Shrubs</b>			
THYM	THYMELAEAE	CORPORATE NAME	CONT.
PIPA	PIPA PIPERINA	Arbutus	2' 8x8
<hr/>			
<b>Prunus Rosaceae (Flowering Shrubs)</b>			
PINK	PRUNUS ROSA 'FRANCIS BUTTER'	Fragrant Briar Sweet Cherry	15' cont.
ROSA	PRUNUS ROSA 'KARINA'	Red Rose	1' 8x8
SYNA	PRUNUS ROSA 'MARGARET MEAD'	White Rose	1' 8x8
<hr/>			
<b>Evergreen Shrubs</b>			
GLEN	PRUNUS PURPUREA 'GLEN'	Globe Blue Spruce	15' cont.
JASD	PRUNUS PURPUREA 'JASD'	Blue Chip Spruce	15' cont.
<hr/>			
<b>Evergreens</b>			
ABRU	ABIES FARENBERGII	Swiss Pine	15' cont.
GENO	GENÉTIA ARBORETUM	Redwood Spruce	15' cont.
PINA	PIERICA PANGULATA 'Dawn'	Tall Gold Pinus	15' cont.
<hr/>			
<b>Grasses</b>			
ACCA	GRASSES	Karl Foerster Fountain Grass	15' cont.

1  
SUITE #4-III



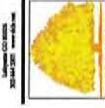
NORTH  
4'-0"

P  
8'-0"



**DESIGN  
CONCEPTS**

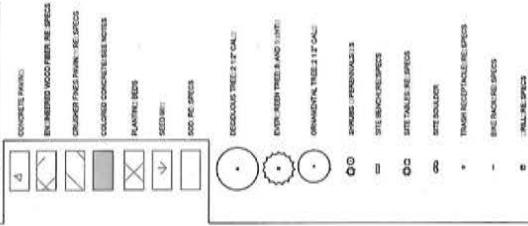
Community Landscape Architecture



TOWN OF ESTES  
PARK, COLORADO

211 Main Street, Suite 100  
Vail, Colorado 81657-4436  
(970) 479-0455

#### LEGEND



## STAR MEADOWS PARK

**2.1**



3 P□ P□ P□ P□ P□ E□ □r□ r□

2 P□ P□ P□ P□ P□ E□ □r□ r□

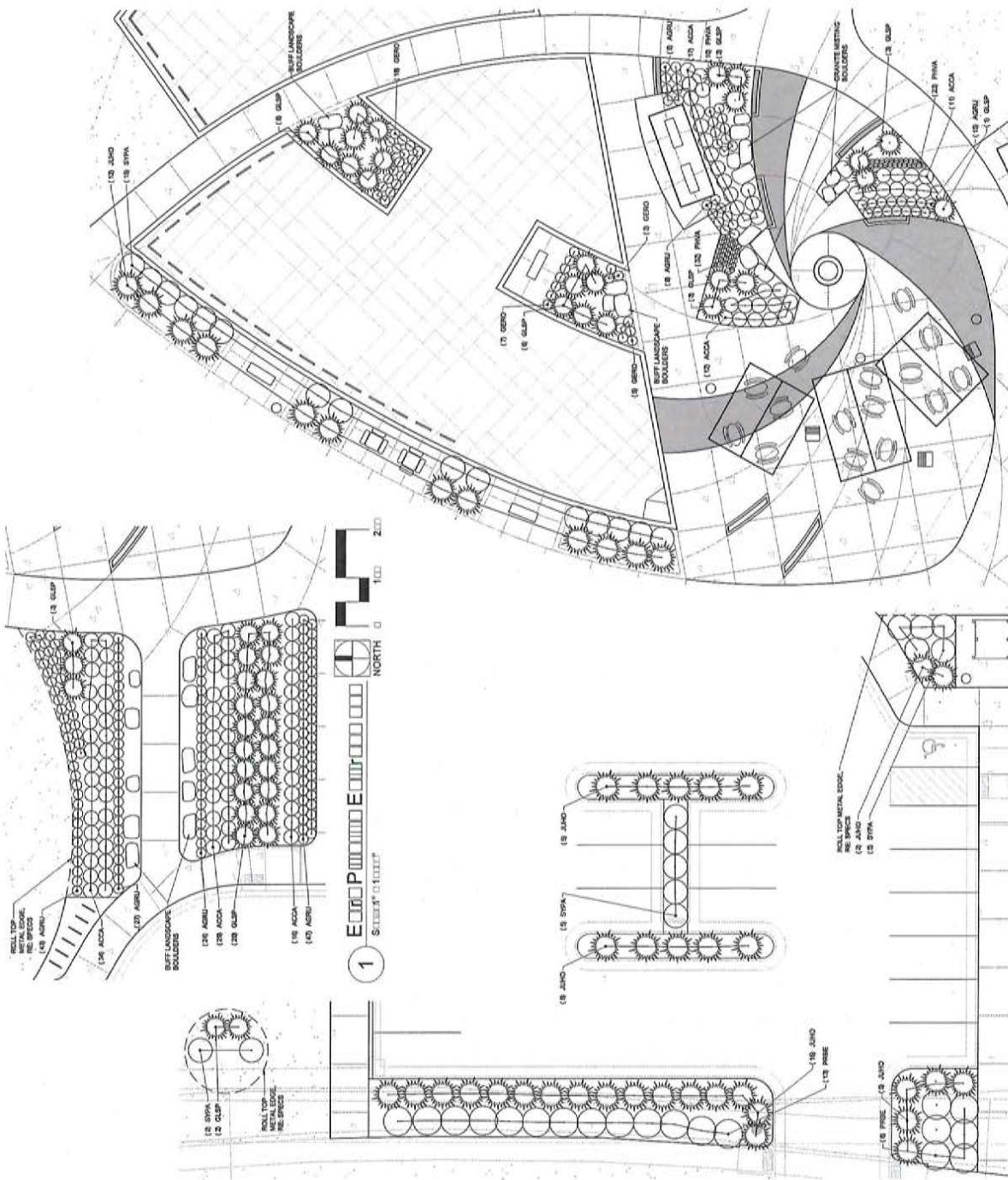
2 P□ P□ P□ P□ P□ E□ □r□ r□

2 1:100

3 S □ □ □ □ □ 1:100

**LANDSCAPE  
PLAN  
ENLARGEMENT**

1:100



DESIGN  
CONCEPTS

Community Landscape Architecture

2000 North Charles Street

Baltimore, MD 21201

(410) 233-1000

Fax: (410) 233-1001

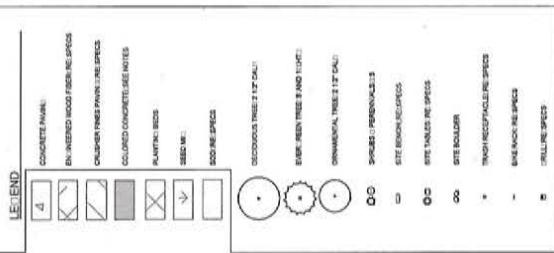
www.designconcepts.com



## STAR MEADOWS PARK



Ellicott City, Maryland



LEGEND

- CONCRETE PAVING
- EARTHWORKED SOILS (SOIL NOT SPECIFIED)
- CHILDREN'S PLAY AREA (PLAY EQUIPMENT)
- COLORIZED CONCRETE (SOLID NOTES)
- PLANTING BEDS
- SODDED AREAS
- DEDICATED WHEEL 2' OF CAL.
- EVERGREEN TREES & SHRUBS
- ORNAMENTAL TREES 3'-17' CAL.
- SPHERICAL PERENNIALS 2'-15'
- SITE BOUNDARIES
- SITE PLANTS NOT SPECIFIED
- SITE Boulders
- TRANSPLANTED PLANT SPECIES
- KIDS' TOYS AND EQUIPMENT
- DRILLING SPOTS

## PLANT SCHEDULE

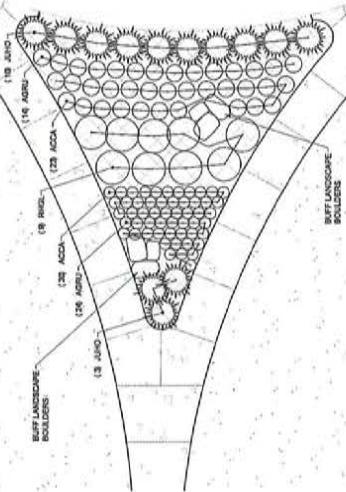
CODE	SPECIES/TREE	CORONATION NAME	CONT
AZAD	ASSOCIA A ANGOLANA "MOUNTAIN SPRUCE"	Rodgers' Autumn Spruce*	2' 15A
CUP	COTYPA SPECIOSA	Western Cyprip	2' 15A
CED	CEDRUS DEODORANA	Mountain Hemlock	2' 15A
ELM	ULMUS AMERICANA "REDWOOD TERRIFIC"	Mountain Hemlock	2' 15A
GUA	GUAIACUM BOUCANIER	Southern White Cedar	2' 15A
QUA	QUERCUS MEDIOPINNA	Chinkapin Oak	2' 15A
TIC	THUJA CONICA "GRANDIFLORA"	Greenridge Yellow	2' 15A
YAC	YUCA FLACCIDA	Acidole Elm	2' 15A
CERAMANTHUS TREES			
AZCA	ALCIA TATARICAN NOT FRINGE	Hill Ridge Thistle Marsh	2' 15A
ANAS	MARULLA S. SPRINGSHOW	Spring Show Club	1' 07" 15A
PICA	PITHEcelLA CAULENTINA	Cherryblossom Pear	1' 07" 15A
SYNE	SYRINGA RETICULATA	Japanese Lilac	1' 07" 15A
EVERGREEN TREES			
PNW	PRUNUS HIRENA	Aurora Pine	8' 10" 15A
SPNU	INCANA PONCENSIS	Colorado Blue Spruce	8' 10" 15A
DECIDUOUS FORESTS			
FRAG	FRASERA RESERVA "INDIAN BUTTER"	Forest Flame Azalea	CONT
HEG	HELIANTHEMUM LACTEUM	Calico French Marigold	CONT
SYTA	SYRINGA PASTELA "MISS LOU"	Miss Lou Lilac	CONT
EVERGREEN SHRUBS			
ESP	ESCHSCHOLZIA COELESTIS	Glade Blue Spruce	45 cont.
SHO	SEMPERVIVUM HEDERA-LEAF CHIPI	Bell Star Gaura	45 cont.
INTERVALS			
AGRI	AGAVE NODOSA	Serviceberry	#1 cont.
GENO	GENILO MEXICANUM	Reserve Gromwell	#1 cont.
PRIMA	PRIMULA VULGARIS	Red Garden Phlox	#1 cont.
GRASSES			
ACCA	ACQUAMARINA STACHYPODIA	Common Name	CONT

## PLANT SCHEDULE

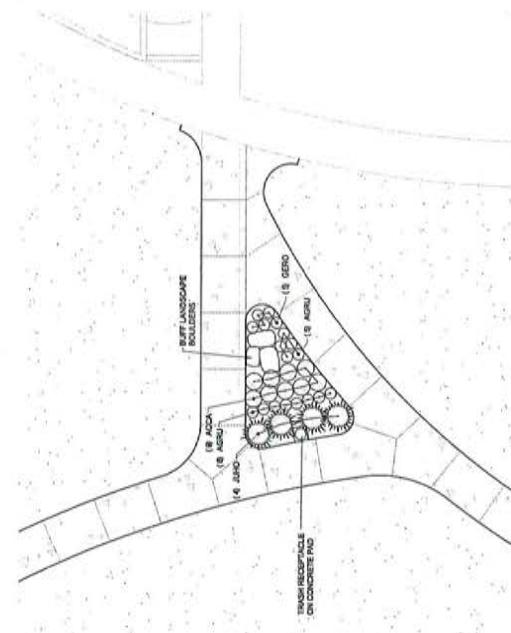
NORTH □ 1:100 2:1



1 S 10' 0" □ 1:100 1:7



1 S 10' 0" □ 1:100 1:7



2 S 10' 0" □ 1:100 1:7

PLAN  
ENLARGEMENT

2.2



DESIGN  
CONCEPTS



**1 CONCRETE CURBWALL AT EWF** SHEET 1 OF 1 LINE

NOTES:

- 1. REFER TO IADINN PLANS FOR ADDITIONAL INFORMATION.
- 2. ANBED IN TOP OF WALL EVERY 3' O.C. FOR SEAT WALLS.
- 3. ALL VISIBLE FACES OF WALL SHALL RECEIVE SMOOTH FINISH.
- 4. ALL WALL TIES SHALL BE UNIFORMLY SPACED ALONG LEVEL HORIZONTAL LINES. PLATE FORM TIE PLATES SHALL BE ATTACHED TO THE EXPOSED WALL SURFACE. LASH PLATE FORM TIE PLATES WITH STAINLESS STEEL TIE RODS AND NYLON COATED CARRIERS. REMOVED NUTS SHOULD BE REMOVED AND UNWATCHED. UNLESS OTHERWISE DIRECTED BY LANGUAGE OF TIES, TIES ARE TO BE FIBER REINFORCED (FRT) OR NYLON REINFORCED (NR). APPPLY AS PER MANUFACTURERS' RECOMMENDATIONS. SEE SPEC'S: CONCRETE AND STAINLESS STEEL.
- 5. EARTH RETAINING WALLS SHALL BE COATED WITH EARTH COAT FOR PROTECTION. PLANAR BED WITH 3" DEPTH CONCRETE. PAVING BED WITH 1" DEPTH CONCRETE. REFER TO PLANS.
- 6. E. PANSION JOINT WHERE WALL ABUTS CONCRETE. CONCRETE FOOTING.

SEE DETAIL 2.3.1 FOR PERFORATED DRAIN E PIPE

4" PERFORATED DRAIN E PIPE  
TOP OF EWF  
17" DEPTH EN-LINED WOOD PER SPECIFICATIONS

3" DEPTH 1/2" RAVEL TO DOWNSLOPE TO DOWNSIDE CONCRETE WALL WITH 2/24 BARS, CONTO FLUSH WITH CONCRETE AND ASPHALT AND CRUSHER FINES 2/24 BARS, CONTO COMPACTED BACKFILL CONCRETE WALL W/ FIBERMESH PER SPECIFICATIONS NOTE: PROVIDE CONTROL JOINTS IN WALL AT EVERY 2' MIN.

ATTRAV AREAS: ENTIRE LENGTH OF PLAY AREA 4" ROUND PERFORATED RID PVC DRAIN PIPE SLOPES IN TRENCH TO GRAVEL DRAIN HOLES DROWN IN BOTTOM OF TRENCH PROVIDE CLEAN OUT AT TERMINUS ENCASE PVC PERFORATED PIPE IN SOCK TO SEPARATE FROM SURROUND AGGREGATE

4" PERFORATED DRAIN PIPE SHEET 1 OF 1 LINE

NOTES:

- 1. BOLTERS TO BE BURIED 12" BELOW SUB. RADIE
- 2. SEAT BOLTERS TO BE SET WITH A FLAT SLICE UP TO PROVIDE LEVEL SEATIN ON SURFACE HEIGHT OF SEAT BOLTER TO BE 16" CTC.
- 3. BOLTER SI. HAVING 13" (1/2" TO 45°) TO 45° OR 35° TO 15°

4" DEPTH 1/2" RAVEL TO DOWNSLOPE TO DOWNSIDE CONCRETE WALL WITH 2/24 BARS, CONTO FLUSH WITH CONCRETE AND ASPHALT AND CRUSHER FINES 2/24 BARS, CONTO COMPACTED BACKFILL CONCRETE WALL W/ FIBERMESH PER SPECIFICATIONS NOTE: PROVIDE CONTROL JOINTS IN WALL AT EVERY 2' MIN.

ATTRAV AREAS: ENTIRE LENGTH OF PLAY AREA 4" ROUND PERFORATED RID PVC DRAIN PIPE SLOPES IN TRENCH TO GRAVEL DRAIN HOLES DROWN IN BOTTOM OF TRENCH PROVIDE CLEAN OUT AT TERMINUS ENCASE PVC PERFORATED PIPE IN SOCK TO SEPARATE FROM SURROUND AGGREGATE

**2 CONCRETE CURBWALL AT EWF** SHEET 1 OF 1 LINE

NOTES:

- 1. REFER TO IADINN PLANS FOR ADDITIONAL INFORMATION.
- 2. ANBED IN TOP OF WALL EVERY 3' O.C. FOR SEAT WALLS.
- 3. ALL VISIBLE FACES OF WALL SHALL RECEIVE SMOOTH FINISH.
- 4. ALL WALL TIES SHALL BE UNIFORMLY SPACED ALONG LEVEL HORIZONTAL LINES. PLATE FORM TIE PLATES SHALL BE ATTACHED TO THE EXPOSED WALL SURFACE. LASH PLATE FORM TIE PLATES WITH STAINLESS STEEL TIE RODS AND NYLON COATED CARRIERS. REMOVED NUTS SHOULD BE REMOVED AND UNWATCHED. UNLESS OTHERWISE DIRECTED BY LANGUAGE OF TIES, TIES ARE TO BE FIBER REINFORCED (FRT) OR NYLON REINFORCED (NR). APPPLY AS PER MANUFACTURERS' RECOMMENDATIONS. SEE SPEC'S: CONCRETE AND STAINLESS STEEL.
- 5. EARTH RETAINING WALLS SHALL BE COATED WITH EARTH COAT FOR PROTECTION. PLANAR BED WITH 3" DEPTH CONCRETE. PAVING BED WITH 1" DEPTH CONCRETE. REFER TO PLANS.
- 6. E. PANSION JOINT WHERE WALL ABUTS CONCRETE. CONCRETE FOOTING.

SEE DETAIL 2.3.1 FOR PERFORATED DRAIN E PIPE

4" PERFORATED DRAIN PIPE  
TOP OF EWF  
17" DEPTH EN-LINED WOOD PER SPECIFICATIONS

3" DEPTH 1/2" RAVEL TO DOWNSLOPE TO DOWNSIDE CONCRETE WALL WITH 2/24 BARS, CONTO FLUSH WITH CONCRETE AND ASPHALT AND CRUSHER FINES 2/24 BARS, CONTO COMPACTED BACKFILL CONCRETE WALL W/ FIBERMESH PER SPECIFICATIONS NOTE: PROVIDE CONTROL JOINTS IN WALL AT EVERY 2' MIN.

ATTRAV AREAS: ENTIRE LENGTH OF PLAY AREA 4" ROUND PERFORATED RID PVC DRAIN PIPE SLOPES IN TRENCH TO GRAVEL DRAIN HOLES DROWN IN BOTTOM OF TRENCH PROVIDE CLEAN OUT AT TERMINUS ENCASE PVC PERFORATED PIPE IN SOCK TO SEPARATE FROM SURROUND AGGREGATE

**3 CRUSHER FINES PAVIN** SHEET 1 OF 1 LINE

NOTES:

- 1. BOLSTER SI. E. 6" 1/2" 6" 0.3" CONCRETE CRUSHER FINES OR PLANTIN BEN CONDITION VARIES SEE PLANS 1/2" E. PANSION JOINT AT CONCRETE APPROVED BY LANDSCAPE ARCHITECT
- 2. BOLSTER SI. HAVING 13" (1/2" TO 45°) TO 45° OR 35° TO 15°

4" DEPTH 1/2" RAVEL TO DOWNSLOPE TO DOWNSIDE CONCRETE WALL WITH 2/24 BARS, CONTO FLUSH WITH CONCRETE AND ASPHALT AND CRUSHER FINES 2/24 BARS, CONTO COMPACTED BACKFILL CONCRETE WALL W/ FIBERMESH PER SPECIFICATIONS NOTE: PROVIDE CONTROL JOINTS IN WALL AT EVERY 2' MIN.

**4 CRUSHER FINES PAVIN** SHEET 1 OF 1 LINE

NOTES:

- 1. BOLSTER SI. E. 6" 1/2" 6" 0.3" CONCRETE CRUSHER FINES OR PLANTIN BEN CONDITION VARIES SEE PLANS 1/2" E. PANSION JOINT AT CONCRETE APPROVED BY LANDSCAPE ARCHITECT
- 2. BOLSTER SI. HAVING 13" (1/2" TO 45°) TO 45° OR 35° TO 15°

4" DEPTH 1/2" RAVEL TO DOWNSLOPE TO DOWNSIDE CONCRETE WALL WITH 2/24 BARS, CONTO FLUSH WITH CONCRETE AND ASPHALT AND CRUSHER FINES 2/24 BARS, CONTO COMPACTED BACKFILL CONCRETE WALL W/ FIBERMESH PER SPECIFICATIONS NOTE: PROVIDE CONTROL JOINTS IN WALL AT EVERY 2' MIN.

**5 LANDSCAPE BOULDERS □ MONUMENT BOULDER** SHEET 1 OF 1 LINE

NOTES:

- 1. PROVIDE CONTROL JOINTS AT 2' O.C. AND WHERE MOW BANDS ARE LOCATED ON PAVING OR CONCRETE. PROVIDE 1/2" DEEP CORNERS ON CONCRETE TO BE TOE DOWN AND 1/2" DEEP CORNERS ON CONCRETE TO BE TOP OF AGENT MATERIAL. 1/2" ABOVE SOD.

1/2" DEPTH 1/2" RAVEL TO DOWNSLOPE TO DOWNSIDE CONCRETE WALL WITH 2/24 BARS, CONTO FLUSH WITH CONCRETE AND ASPHALT AND CRUSHER FINES 2/24 BARS, CONTO COMPACTED BACKFILL CONCRETE WALL W/ FIBERMESH PER SPECIFICATIONS NOTE: PROVIDE CONTROL JOINTS IN WALL AT EVERY 2' MIN.

**6 MISTIN□ SYSTEM AT BOULDER** SHEET NOT TO SCALE

NOTES:

- 1. PROVIDE CONTROL JOINTS AT 2' O.C. AND WHERE MOW BANDS ARE LOCATED ON PAVING OR CONCRETE. PROVIDE 1/2" DEEP CORNERS ON CONCRETE TO BE TOE DOWN AND 1/2" DEEP CORNERS ON CONCRETE TO BE TOP OF AGENT MATERIAL. 1/2" ABOVE SOD.

**7 ACCESS RAMP AT BOULDER** SHEET NOT TO SCALE

**8 CONCRETE MOW BAND** SHEET 1 OF 1 LINE

NOTES:

- 1. PROVIDE CONTROL JOINTS AT 2' O.C. AND WHERE MOW BANDS ARE LOCATED ON PAVING OR CONCRETE. PROVIDE 1/2" DEEP CORNERS ON CONCRETE TO BE TOE DOWN AND 1/2" DEEP CORNERS ON CONCRETE TO BE TOP OF AGENT MATERIAL. 1/2" ABOVE SOD.



DESIGN  
CONCEPTS

Community Landscape Architects  
2100 West 5th Street • Suite 200  
Austin, Texas 78701 • (512) 477-8628

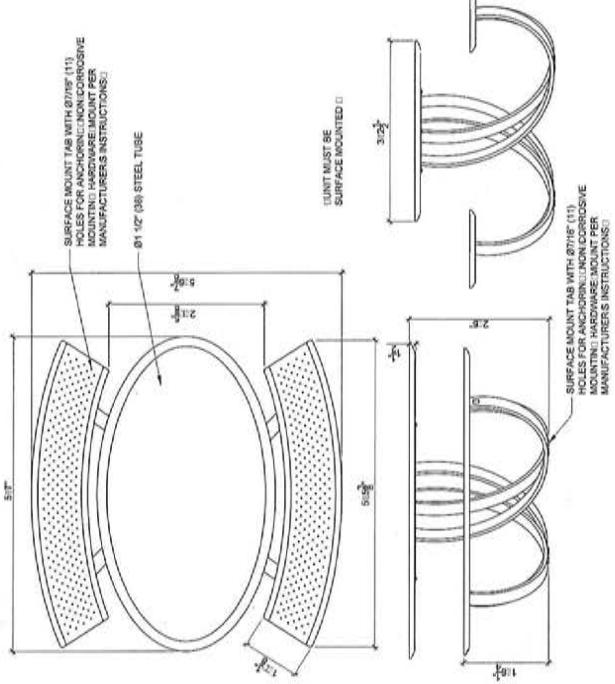


## STAR MEADOWS PARK

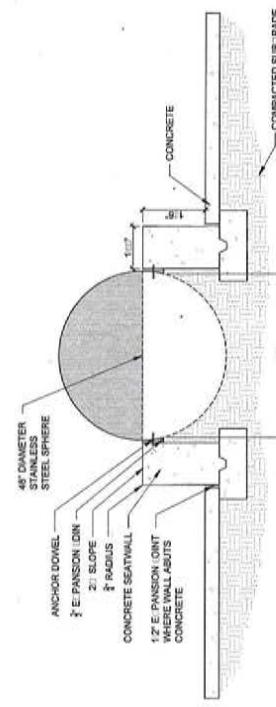


Project No.: 2100LEAKY02  
Date: 1/14/16  
Revised Date: 1/14/16  
Page 1 of 4  
Site Plan Drawing for the STAR MEADOWS PARK project.  
This drawing contains information necessary for the construction and  
operation of the facility. It is the responsibility of the contractor to  
follow the plans and specifications contained herein. If the contractor  
finds any conflict or question regarding any of the plans and/or  
specifications, he shall immediately contact the designer.

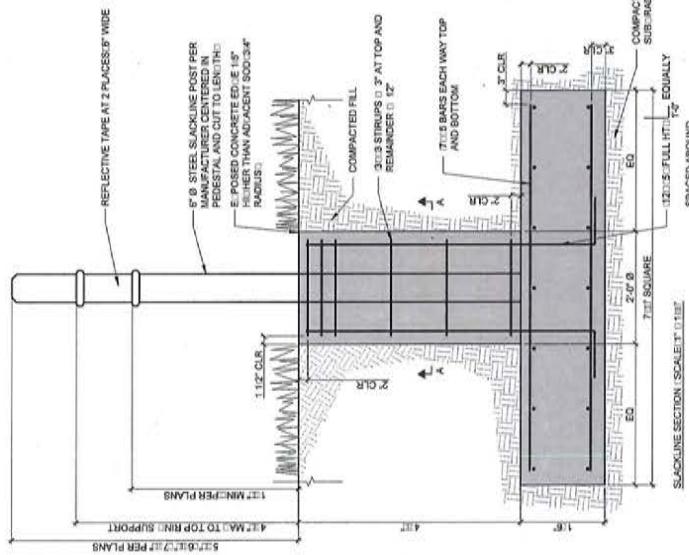
### SITE DETAILS



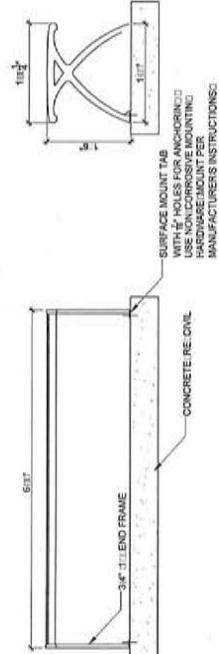
### PICTURE TABLE



### STAINLESS STEEL SPHERE



### SLACKLINE FOOTPRINT AND LAYOUT



### BACKLESS BENCH



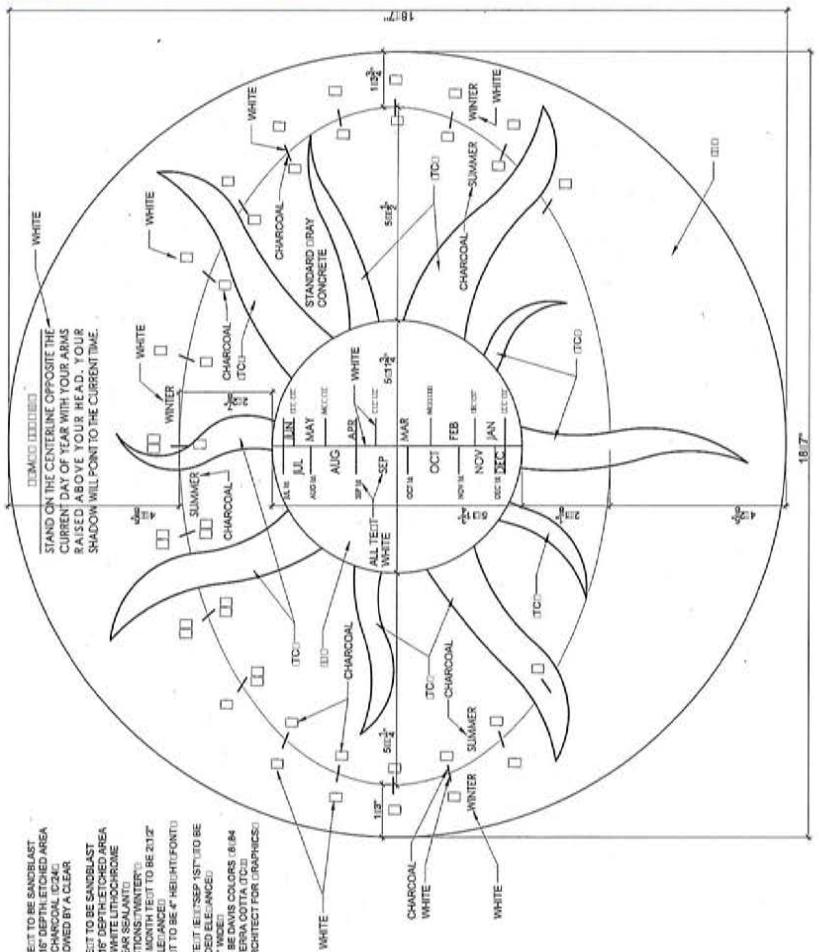


**DESIGN  
CONCEPTS**

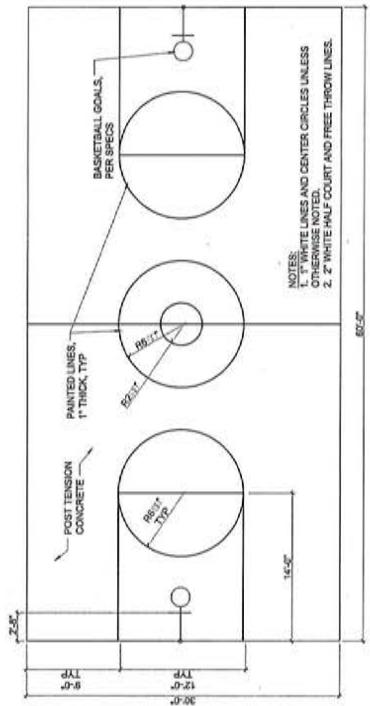


## STAR MEADOWS PARK

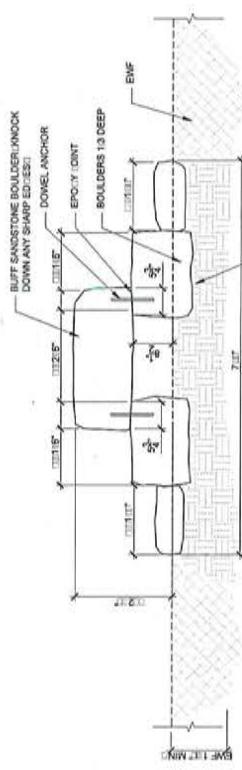
Erie, Colorado



1 POST TENSION CONCRETE AT BASKETBALL COURT

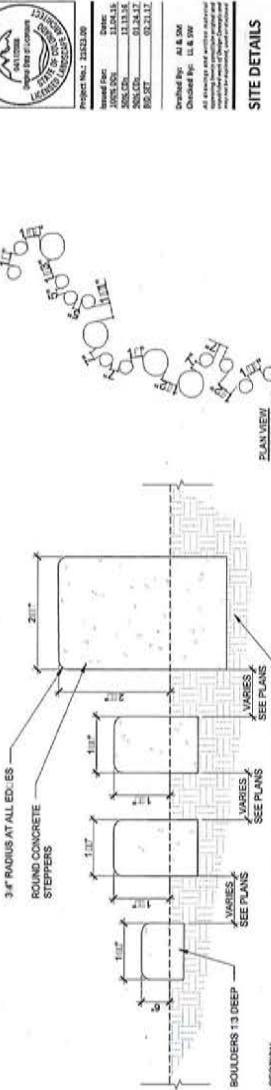


2 BASKETBALL COURT LAYOUT



4 SANDSTONE BRIDGE

3 HUMAN SUNDIAL



5 CONCRETE STEPPERS AT PLAY AREA



SITE DETAILS

□ 2



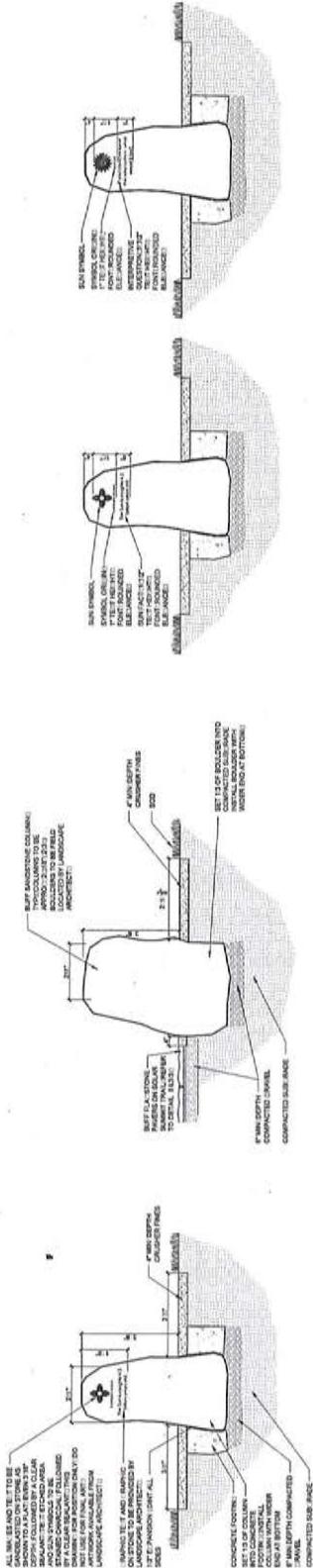
DESIGN  
CONCEPTS

Community Landscape Architecture

2000 Northgate Drive, Suite 200  
Boulder, Colorado 80301  
(303) 545-2525



## STAR MEADOWS PARK



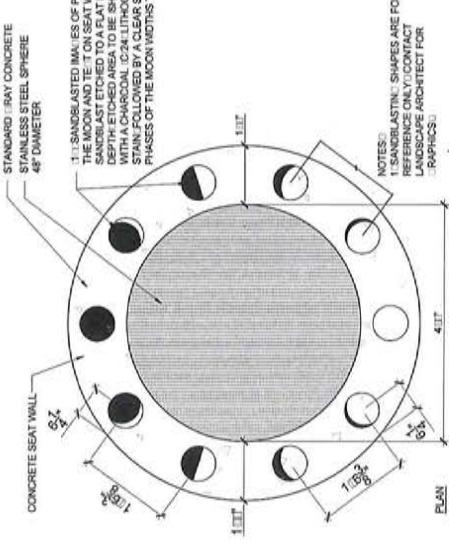
### 1 SOLAR SUMMIT INTERPRETIVE BOULDER

- A. The Sun is roughly 4.5 billion years old.
- B. If you could observe the solar system, what would it be?
- C. The Sun is classified as a yellow dwarf.
- D. You could live a vacation on any planet, which one would you choose?
- E. The Sun's energy comes from nuclear fusion.
- F. What does "no" do?
- G. The Sun is all the colors mixed together.
- H. If you were running a colony on Mars and had to take three citizens with you, which would you choose?
- I. Do you think humans are alone as intelligent beings in the Universe?

**NOTES:**  
1. SANDBLASTING QUOTES ARE FOR REFERENCE ONLY. YOU CONTACT LANDSCAPE ARCHITECT FOR GRAPHICS  
2. ELLIPTICAL RELIEF 2' 0" FROM ROUNDED ELEVATION

### 2 SOLAR SUMMIT SUN FACTS □ INTERPRETIVE QUESTIONS

- A. Cherokee Indian
- B. Anasazi Indian
- C. Barry Conan
- D. Alchemic
- E. Aztec
- F. Egyptian
- G. Greek
- H. Inca
- I. Japanese



### 3 SOLAR SUMMIT SUN SYMBOLS

### 4 PHASES OF THE MOON AT SPHERE □ ON FACE OF SEATWALL



Erie, Colorado

2000 Northgate Drive, Suite 200  
Boulder, Colorado 80301  
(303) 545-2525

Project No.: 216213.00  
Issued For: Town  
2000 N. GATE DR.  
Bldg. No.: 200  
Elev.: 5400 ft.  
Dwelling No.: 11 & 12  
Checklist Ref.: 11 & 12  
Architectural Drawing No.: 1000  
Drawing No.: 1000  
Scale: 1/8"

SITE DETAILS



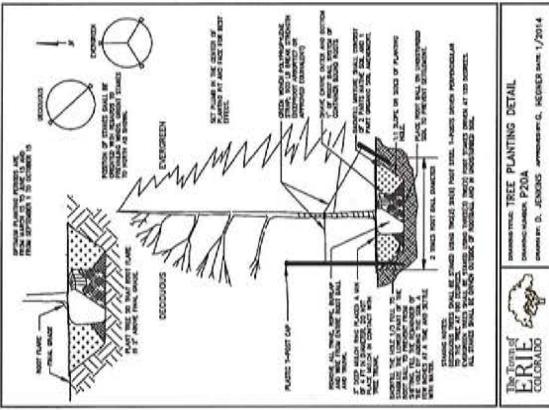




## DESIGN CONCEPTS



# STAR MEADOWS PARK



Erie, Colorado



Project No.: 23833.30	Date: 11/18/15
Entered By: AIA & CDW	2015.03.13
Entered By: L.A. & J.W.	03/14/15
Entered By: D.J. & C.J.	03/14/15

## PLANTING DETAILS



TABLE 1. MIXED GRASS PRAIRIE NATIVE SEED MIXTURE: THIS MIXTURE IS INTENDED TO BE SEEDED OVER THE TOP OF EITHER TABLE 1 OR TABLE 2. SEED MIXTURES LOCATED IN OPEN SPACES WHICH ARE DOMINATED BY SHORT TO MIDL-SIZED NATIVE PRAIRIE GRASSES (18 INCHES IN HEIGHT) INCLUDES A FEW TALLER SPECIES (UP TO 36 INCHES) BUT FOR USE IN LARGER OPEN SPACE AREAS OR ALONG ROADS, IN DETENTION OR TREATMENT BASINS, OR ALONG THE INNER BANKS OF DITCHES, BE SURE TO OVERR SEDNT ANY SWALES OR DITCHES. ADD THIS MIXTURE TO ONE OF THE OTHER SEED MIXTURES FIRST AND THEN ADD THIS MIXTURE TO PROVIDE DEQUATE SPECIES ADAPTED TO MOIST CONDITIONS. THIS MIXTURE CAN BE USED BETWEEN OCTOBER 1ST AND APRIL 30TH. ANNE IS RECOMMENDED FOR USE ON DRY SOILS. THIS MIXTURE IS PRESENT AND ACCEPTABLE TO THE PARKS & RECREATION DIRECTOR OR DESIGNEE.

COMMON NAME	SCIENTIFIC NAME	VARIETY	P.L.S.	COMMON NAME	SCIENTIFIC NAME	VARIETY	P.L.S.
Bent grass	Agrostis capillaris	Nana	3	Solidago canadensis	Solidago canadensis	Elkhorn	7
		Bent, Nana or El Rete	5	Carex spicata	Carex spicata	Variegata	0.5
Bluestem grass	Bromus	Common	1	Leymus	Leymus		4
Switchgrass	Panicum virgatum	Arundinaceum	1.5	Almond Native or Native	Andropogon	Switchgrass	4
Blue grama	Agrostis	Livingston	1	Tobacco	Gymnopogon	Spatulatus	1.5
Western wheatgrass	Polygonum	Artemesia	3	Chinese aster	Aster	Native	6
Little bluestem	Pennisetum	Pratense	5	Dwarf aster	Aster	Common or Cultivars	0.5
Albizia julibrissin	Albizia	Campbell	4	Swamp milkweed	Carex	Spontanea	2
Spurred butterfly	Buddleia	Common	1	Carex	Carex		0.5
Switchgrass	Panicum	Virgatum	5	False Indigo	Amorpha	Fruticosa	3
Spurred Rate Pounds PLS/MACHE			28	Swamp milkweed	Carex	Spontanea	0.5
Optional Addition to Native Wildflowers				Black-eyed Susan	Thunbergia		3
Alster				Prickly Lettuce	Lactuca	Angustifolia	0.5
Yellow				Common Milkweed	Carex	Spontanea	0.5
Fragrant Sage	Salvia	Officinalis	28	Arrowhead	Polygonum	Acuminatum	5
Spurred butterfly	Buddleia	Common	1	White Milkweed	Asclepias	Speciosa	15.2
Spurred Rate Pounds PLS/MACHE			28	Switchgrass	Panicum	Virgatum	0.5
Optional Addition to Native Wildflowers				Symphytum	Verbenaceum		9
Purple sage	Salvia	Prunifolia	6	Switchgrass	Panicum	Serotinus	9
Butterfly bush	Callicarpa	Common	6	Switchgrass	Panicum		24.0
Gayfeather	Monarda	Common	4	Switchgrass	Panicum		
Mechanicsburg	Mechanicsburg	Common	3	Switchgrass	Panicum		
Target flower	Helenium	Common	3	Switchgrass	Panicum		
Orange flowers	Coreopsis	Common	3	Switchgrass	Panicum		
Spurred Rate Pounds PLS/MACHE WITH NATIVE WILDFLOWERS OPTION			28.4375	Switchgrass	Panicum		

TABLE 2. WARM SEASON SHORTGRASS PRAIRIE NATIVE SEED MIXTURE: THIS MIXTURE IS AN ADAPTABLE MIX OF SHORT TO MIDL-SIZED NATIVE GRASSES WHICH ARE DOMINATED BY SWALES, SMALL OR LARGER SWALES OR DITCHES, WHICH ARE USED AS CONCRETE, STONE, OR WIRE FENCE ROWS, OR ROAD BANKS. THIS MIXTURE IS INTENDED TO BE USED ON THE INNER BANKS OF DITCHES, SWALES, OR ALONG ROADS, IN DETENTION OR TREATMENT BASINS, OR ALONG THE OPEN SPACE AREA OF THE PARKS & RECREATION AREAS. BE SURE TO OVERR SEDNT ANY SWALES OR DITCHES. ADD THIS MIXTURE TO ONE OF THE OTHER SEED MIXTURES FIRST AND THEN ADD THIS MIXTURE TO PROVIDE DEQUATE SPECIES ADAPTED TO DRY CONDITIONS. THIS MIXTURE CAN BE USED BETWEEN OCTOBER 1ST AND APRIL 30TH. ANNE IS RECOMMENDED FOR USE ON DRY SOILS. THIS MIXTURE IS PRESENT AND ACCEPTABLE TO THE PARKS & RECREATION DIRECTOR OR DESIGNEE.

COMMON NAME	SCIENTIFIC NAME	VARIETY	P.L.S.	COMMON NAME	SCIENTIFIC NAME	VARIETY	P.L.S.
Bent grass	Agrostis capillaris	Nana	3	Pratinus	Pratinus	Lepturus	0.5
		Bent, Nana or El Rete	5	Calystegia	Calystegia	Solenandra	0.5
Bluestem grass	Bromus	Common	1	Common vetch	Vicia	Common	0.5
Switchgrass	Panicum	Virgatum	5	Common vetch	Vicia	Common	0.5
Spurred Rate Pounds PLS/MACHE			28	Common vetch	Vicia	Common	0.5
Optional Addition to Native Wildflowers				Common milkweed	Asclepias	Speciosa	1.5
Purple sage	Salvia	Prunifolia	6	Common milkweed	Asclepias	Speciosa	1.5
Butterfly bush	Callicarpa	Common	6	Common milkweed	Asclepias	Speciosa	1.5
Gayfeather	Monarda	Common	4	Common milkweed	Asclepias	Speciosa	1.5
Mechanicsburg	Mechanicsburg	Common	3	Common milkweed	Asclepias	Speciosa	1.5
Target flower	Helenium	Common	3	Common milkweed	Asclepias	Speciosa	1.5
Orange flowers	Coreopsis	Common	3	Common milkweed	Asclepias	Speciosa	1.5
Spurred Rate Pounds PLS/MACHE WITH NATIVE WILDFLOWERS OPTION			28.4375	Common milkweed	Asclepias	Speciosa	1.5

TABLE 3. WARM SEASON SHORTGRASS PRAIRIE NATIVE SEED MIXTURE: THIS MIXTURE IS AN ADAPTABLE MIX OF SHORT TO MIDL-SIZED NATIVE GRASSES WHICH ARE DOMINATED BY SWALES, SMALL OR LARGER SWALES OR DITCHES, WHICH ARE USED AS CONCRETE, STONE, OR WIRE FENCE ROWS, OR ROAD BANKS. THIS MIXTURE IS INTENDED TO BE USED ON THE INNER BANKS OF DITCHES, SWALES, OR ALONG ROADS, IN DETENTION OR TREATMENT BASINS, OR ALONG THE OPEN SPACE AREA OF THE PARKS & RECREATION AREAS. BE SURE TO OVERR SEDNT ANY SWALES OR DITCHES. ADD THIS MIXTURE TO ONE OF THE OTHER SEED MIXTURES FIRST AND THEN ADD THIS MIXTURE TO PROVIDE DEQUATE SPECIES ADAPTED TO DRY CONDITIONS. THIS MIXTURE CAN BE USED BETWEEN OCTOBER 1ST AND APRIL 30TH. ANNE IS RECOMMENDED FOR USE ON DRY SOILS. THIS MIXTURE IS PRESENT AND ACCEPTABLE TO THE PARKS & RECREATION DIRECTOR OR DESIGNEE.

COMMON NAME	SCIENTIFIC NAME	VARIETY	P.L.S.	COMMON NAME	SCIENTIFIC NAME	VARIETY	P.L.S.
Bent grass	Agrostis capillaris	Nana	3	Bouteloua	Bouteloua	Grindelia	4
		Bent, Nana or El Rete	5	Carex	Carex		7
Bluestem grass	Bromus	Common	1	Carex	Carex		7
Switchgrass	Panicum	Virgatum	5	Carex	Carex		7
Spurred Rate Pounds PLS/MACHE			28	Carex	Carex		7
Optional Addition to Native Wildflowers				Carex	Carex		7
Adonis flower	Adonis	Common	1	Carex	Carex		7
Butterfly bush	Callicarpa	Common	4	Carex	Carex		7
Gayfeather	Monarda	Common	4	Carex	Carex		7
Mechanicsburg	Mechanicsburg	Common	3	Carex	Carex		7
Target flower	Helenium	Common	3	Carex	Carex		7
Orange flowers	Coreopsis	Common	3	Carex	Carex		7
Spurred Rate Pounds PLS/MACHE WITH NATIVE WILDFLOWERS OPTION			28.4375	Carex	Carex		7

TABLE 4. ROADSIDE NATIVE SEED MIXTURE: THIS MIXTURE IS INTENDED FOR USE ON THE OPEN SPACES NEAR THE ROAD AND TRAIL EDGES AS WELL AS NEAR TRAIL EDGES. THIS MIXTURE IS DOMINATED BY SWALE, SMALL OR LARGER SWALES OR DITCHES WHICH ARE USED AS CONCRETE, STONE, OR WIRE FENCE ROWS, OR ROAD BANKS. THIS MIXTURE IS INTENDED TO BE USED ON THE INNER BANKS OF DITCHES, SWALES, OR ALONG ROADS, IN DETENTION OR TREATMENT BASINS, OR ALONG THE OPEN SPACE AREA OF THE PARKS & RECREATION AREAS. BE SURE TO OVERR SEDNT ANY SWALES OR DITCHES. ADD THIS MIXTURE TO ONE OF THE OTHER SEED MIXTURES FIRST AND THEN ADD THIS MIXTURE TO PROVIDE DEQUATE SPECIES ADAPTED TO DRY CONDITIONS. THIS MIXTURE CAN BE USED BETWEEN OCTOBER 1ST AND APRIL 30TH. ANNE IS RECOMMENDED FOR USE ON DRY SOILS. THIS MIXTURE IS PRESENT AND ACCEPTABLE TO THE PARKS & RECREATION DIRECTOR OR DESIGNEE.

COMMON NAME	SCIENTIFIC NAME	VARIETY	P.L.S.
Bent grass	Agrostis capillaris	Nana	14
		Bent, Nana or El Rete	12
Bluestem grass	Bromus	Common	4

TABLE 5. WARM SEASON MIDLGRASS PRAIRIE NATIVE SEED MIXTURE: FOR USE IN OPEN SPACES NEAR TRAIL EDGES AS WELL AS NEAR THE ROAD BANKS. THIS MIXTURE IS DOMINATED BY SWALE, SMALL OR LARGER SWALES OR DITCHES WHICH ARE USED AS CONCRETE, STONE, OR WIRE FENCE ROWS, OR ROAD BANKS. THIS MIXTURE IS INTENDED TO BE USED ON THE INNER BANKS OF DITCHES, SWALES, OR ALONG ROADS, IN DETENTION OR TREATMENT BASINS, OR ALONG THE OPEN SPACE AREA OF THE PARKS & RECREATION AREAS. BE SURE TO OVERR SEDNT ANY SWALES OR DITCHES. ADD THIS MIXTURE TO ONE OF THE OTHER SEED MIXTURES FIRST AND THEN ADD THIS MIXTURE TO PROVIDE DEQUATE SPECIES ADAPTED TO DRY CONDITIONS. THIS MIXTURE CAN BE USED BETWEEN OCTOBER 1ST AND APRIL 30TH. ANNE IS RECOMMENDED FOR USE ON DRY SOILS. THIS MIXTURE IS PRESENT AND ACCEPTABLE TO THE PARKS & RECREATION DIRECTOR OR DESIGNEE.

COMMON NAME	SCIENTIFIC NAME	VARIETY	P.L.S.
Bent grass	Agrostis capillaris	Nana	14
		Bent, Nana or El Rete	12
Bluestem grass	Bromus	Common	4

TABLE 6. WARM SEASON SHORTGRASS PRAIRIE NATIVE SEED MIXTURE: THIS MIXTURE IS AN ADAPTABLE MIX OF SHORT TO MIDL-SIZED NATIVE GRASSES WHICH ARE USED AS CONCRETE, STONE, OR WIRE FENCE ROWS, OR ROAD BANKS. THIS MIXTURE IS INTENDED TO BE USED ON THE INNER BANKS OF DITCHES, SWALES, OR ALONG ROADS, IN DETENTION OR TREATMENT BASINS, OR ALONG THE OPEN SPACE AREA OF THE PARKS & RECREATION AREAS. BE SURE TO OVERR SEDNT ANY SWALES OR DITCHES. ADD THIS MIXTURE TO ONE OF THE OTHER SEED MIXTURES FIRST AND THEN ADD THIS MIXTURE TO PROVIDE DEQUATE SPECIES ADAPTED TO DRY CONDITIONS. THIS MIXTURE CAN BE USED BETWEEN OCTOBER 1ST AND APRIL 30TH. ANNE IS RECOMMENDED FOR USE ON DRY SOILS. THIS MIXTURE IS PRESENT AND ACCEPTABLE TO THE PARKS & RECREATION DIRECTOR OR DESIGNEE.

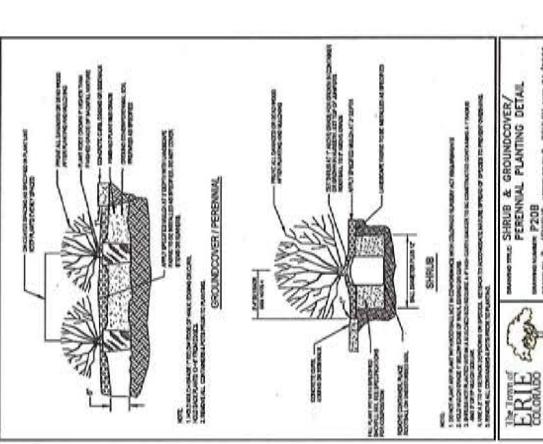
COMMON NAME	SCIENTIFIC NAME	VARIETY	P.L.S.
Bent grass	Agrostis capillaris	Nana	14
		Bent, Nana or El Rete	12
Bluestem grass	Bromus	Common	4
Switchgrass	Panicum	Virgatum	1
Spurred Rate Pounds PLS/MACHE			26.75

TABLE 7. COOL SEASON GRASS NATIVE SEED MIXTURE: THIS MIXTURE SHALL BE USED FOR MIXED GRASS SWALE, MOIST SWALE AND ROADSIDE LOCATIONS ONLY BETWEEN THE DATES OF AUGUST 1ST AND SEPTEMBER 15TH. AREAS ADJACENT TO TRAILS SHALL BE USED WITH THE STANDARD SHORT GRASS NATIVE SEED MIXTURE BETWEEN THE MONTHS OF OCTOBER 1ST AND APRIL 30TH.

COMMON NAME	SCIENTIFIC NAME	VARIETY	P.L.S.
Bent grass	Agrostis capillaris	Nana	12
		Bent, Nana or El Rete	9.75
Blue grass	Bluegrass	Common	4
Switchgrass	Panicum	Virgatum	1
Spurred Rate Pounds PLS/MACHE			26.75

TABLE 8. COOL SEASON GRASS NATIVE SEED MIXTURE: THIS MIXTURE SHALL BE USED FOR MIXED GRASS SWALE, MOIST SWALE AND ROADSIDE LOCATIONS ONLY BETWEEN THE DATES OF AUGUST 1ST AND SEPTEMBER 15TH. AREAS ADJACENT TO TRAILS SHALL BE USED WITH THE STANDARD SHORT GRASS NATIVE SEED MIXTURE BETWEEN THE MONTHS OF OCTOBER 1ST AND APRIL 30TH.

COMMON NAME	SCIENTIFIC NAME	VARIETY	P.L.S.
Bent grass	Agrostis capillaris	Nana	12
		Bent, Nana or El Rete	9.75
Blue grass	Bluegrass	Common	4
Switchgrass	Panicum	Virgatum	1
Spurred Rate Pounds PLS/MACHE			26.75



COMMON NAME	SCIENTIFIC NAME	VARIETY	P.L.S.
Bent Grass	Agrostis capillaris	Nana	12
		Bent, Nana or El Rete	9.75
Blue grass	Bluegrass	Common	4
Switchgrass	Panicum	Virgatum	1
Spurred Rate Pounds PLS/MACHE			26.75

TABLE 9. COOL SEASON GRASS NATIVE SEED MIXTURE: THIS MIXTURE SHALL BE USED FOR MIXED GRASS SWALE, MOIST SWALE AND ROADSIDE LOCATIONS ONLY BETWEEN THE DATES OF AUGUST 1ST AND SEPTEMBER 15TH. AREAS ADJACENT TO TRAILS SHALL BE USED WITH THE STANDARD SHORT GRASS NATIVE SEED MIXTURE BETWEEN THE MONTHS OF OCTOBER 1ST AND APRIL 30TH.

COMMON NAME	SCIENTIFIC NAME	VARIETY	P.L.S.
Bent grass	Agrostis capillaris	Nana	12
		Bent, Nana or El Rete	9.75
Blue grass	Bluegrass	Common	4
Switchgrass	Panicum	Virgatum	1
Spurred Rate Pounds PLS/MACHE			26.75

TABLE 10. COOL SEASON GRASS NATIVE SEED MIXTURE: THIS MIXTURE SHALL BE USED FOR MIXED GRASS SWALE, MOIST SWALE AND ROADSIDE LOCATIONS ONLY BETWEEN THE DATES OF AUGUST 1ST AND SEPTEMBER 15TH. AREAS ADJACENT TO TRAILS SHALL BE USED WITH THE STANDARD SHORT GRASS NATIVE SEED MIXTURE BETWEEN THE MONTHS OF OCTOBER 1ST AND APRIL 30TH.

COMMON NAME	SCIENTIFIC NAME	VARIETY	P.L.S.
Bent grass	Agrostis capillaris	Nana	12
		Bent, Nana or El Rete	9.75
Blue grass	Bluegrass	Common	4
Switchgrass	Panicum	Virgatum	1
Spurred Rate Pounds PLS/MACHE			26.75

TABLE 11. COOL SEASON GRASS NATIVE SEED MIXTURE: THIS MIXTURE SHALL BE USED FOR MIXED GRASS SWALE, MOIST SWALE AND ROADSIDE LOCATIONS ONLY BETWEEN THE DATES OF AUGUST 1ST AND SEPTEMBER 15TH. AREAS ADJACENT TO TRAILS SHALL BE USED WITH THE STANDARD SHORT GRASS NATIVE SEED MIXTURE BETWEEN THE MONTHS OF OCTOBER 1ST AND APRIL 30TH.





DESIGN  
CONCEPTS

DESIGN  
CONCEPTS

卷之三



STAR MEADOWS PARK



Project No.: 21282.00

## **IRRIGATION PLAN**

REGISTRATION SCHEDULE

	Bar Bistro [MC-TC-55] Bar Bistro 4.07 Paving - Distinctive Steel Series - Adjustable height, 16' wide, Roundtable Seats & Metal Chair, Value, 1 <sup>st</sup> Prize, Threaded Legs.	40	3.30	41"
	Kone Bistro 4.07 [MC-TC-55] Kone Bistro 4.07 Paving - Distinctive Steel Series - Adjustable height, 16' wide, Roundtable Seats & Metal Chair, Value, 1 <sup>st</sup> Prize, Threaded Legs.	40	3.10	51"
	Bar Bistro 4.07 Paving - Distinctive Steel Series - Adjustable height, 16' wide, Roundtable Seats & Metal Chair, Value, 1 <sup>st</sup> Prize, Threaded Legs.	40	1.37	39"
	Bar Bistro 4.07 Paving - Distinctive Steel Series - Adjustable height, 16' wide, Roundtable Seats & Metal Chair, Value, 1 <sup>st</sup> Prize, Threaded Legs.	40	1.37	39"

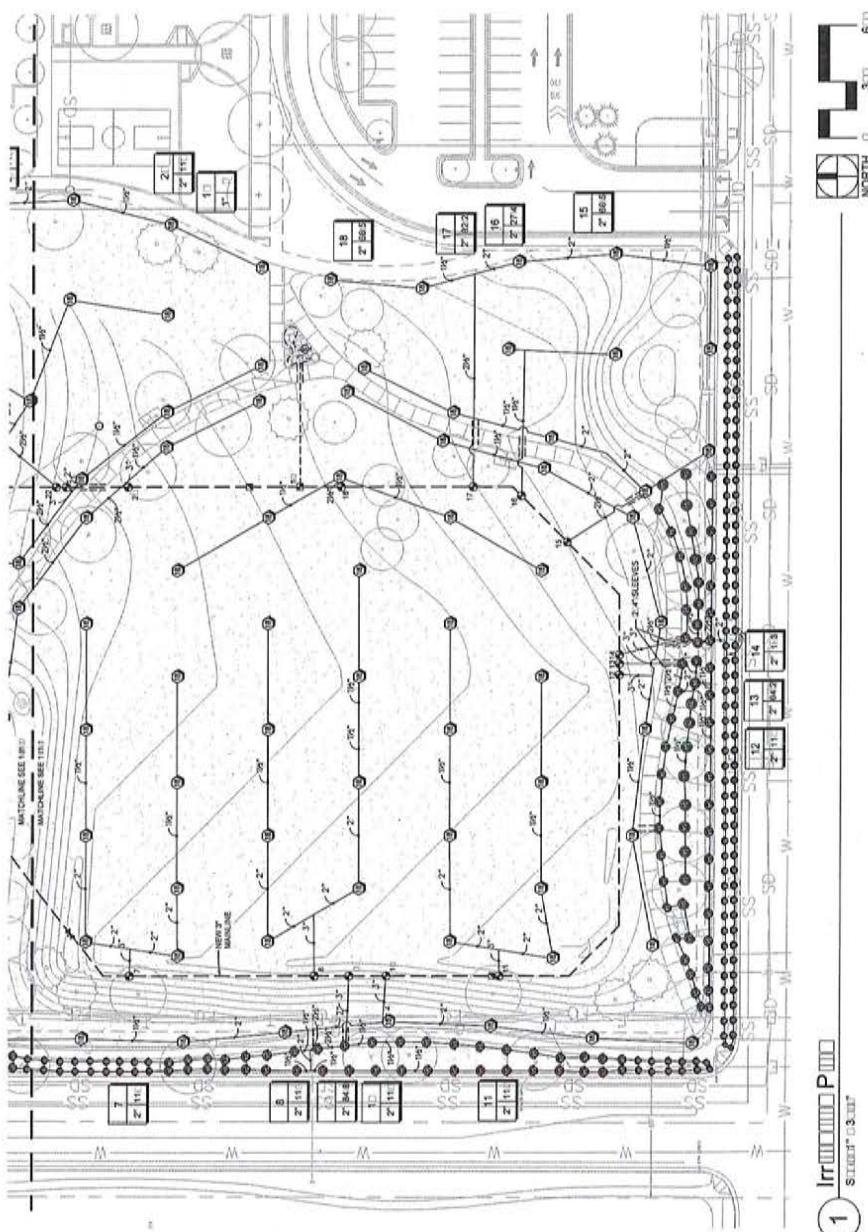
MANUFACTURER/PRODUCT/OPTION	Part#	Description	Value
MANIFOLD/THROAT/OUTLET	100-1000	Manifold Flow Control Kit, 1" DN valve, 1" pressure regulating filter, 1" pressure reducing regulator, 3/4" bypass valve	100-1000
MANIFOLD/THROAT/OUTLET	100-1000	3/4" PIC ball valve w/ 1/2" valve body	100-1000
MANIFOLD/THROAT/OUTLET	100-1000	Manifold Assembly, 1" DN valve, 1" pressure	100-1000

**Can Read PTFE**: 1.1-1.02% Phosphate Uptake, Low Pow Operating Current, Green Color Indication.

**Fast Biol 44.0°C**: 1.1-12% Chlorophyll Yield, with Continuous Round-Two-Step Signaling, Locating Thermophoresis, Rapid Color Change.

**Makro-Norma (DMT)**: 1.1-12% Chlorophyll Yield, with Color Coding and Grounded, Fast Response, Safe Start in Number of Picoliters.

The Brother P-Touch 900 is a professional label printer with a built-in cutter. It can print labels up to 4" wide and 12" long. The Brother P-Touch 900 is designed for use in the office or at home. It features a built-in cutter, which makes it easy to cut labels. The Brother P-Touch 900 is also a great choice for use in the office or at home. It features a built-in cutter, which makes it easy to cut labels. The Brother P-Touch 900 is also a great choice for use in the office or at home. It features a built-in cutter, which makes it easy to cut labels.



SISTEMI D'IMPIANTO



DESIGN  
CONCEPTS

Engineering Services

Landscaping Services

Construction Services

Project Management

Water Treatment

Wastewater Treatment

Stormwater Management

Soil Testing

Soil Remediation

TOWN OF EATON, CO

Town of Eaton, Colorado  
Planning and Zoning  
Water and Sewer  
Public Works

## STAR MEADOWS PARK



Town of Eaton

Colorado

Planning and Zoning

Water and Sewer

Public Works

Engineering

Soil Testing

Soil Remediation

Stormwater Management

Wastewater Treatment

Soil Testing

Soil Remediation

Stormwater Management

Wastewater Treatment

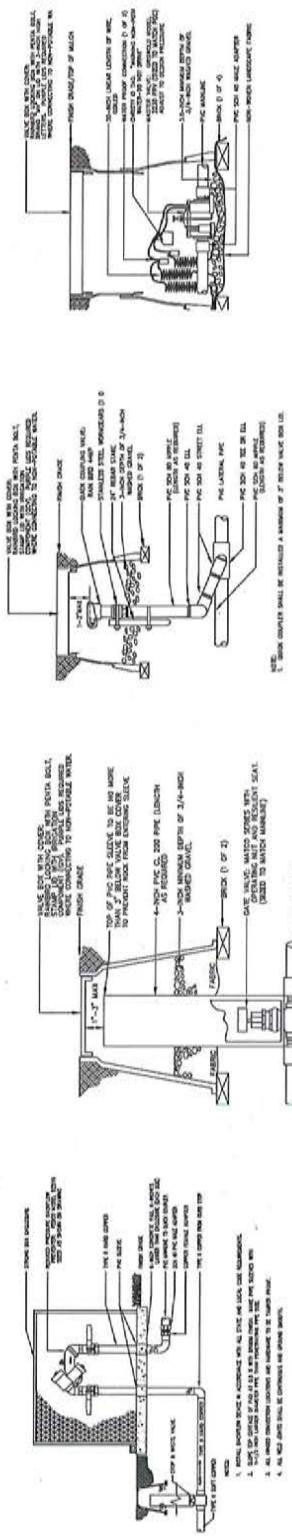
Soil Testing

Soil Remediation

Stormwater Management

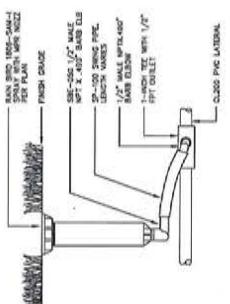
Wastewater Treatment

## 12.1



## 1 BACKFLOW PREVENTER

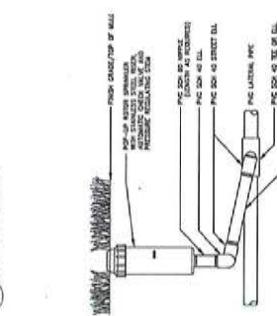
NOT TO SCALE



NOTES:

## 2 ISOLATION VALVE

NOT TO SCALE



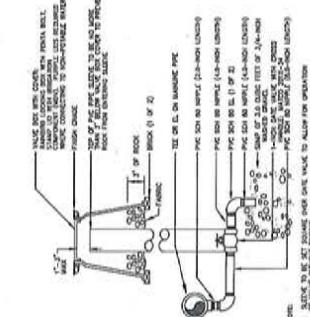
## 5 SPRAY HEAD

NOT TO SCALE



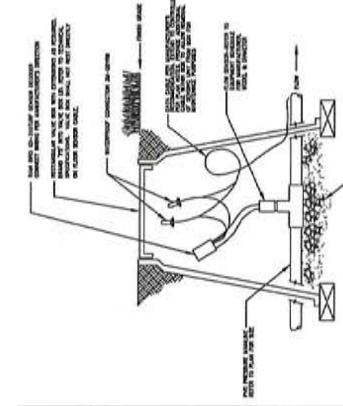
## 3 QUICK COUPLER

NOT TO SCALE



## 4 MASTER VALVE

NOT TO SCALE



## 8 FLOW SENSOR

NOT TO SCALE



## 7 DRAIN VALVE

NOT TO SCALE



## 6 ROTOR HEAD

NOT TO SCALE



Project No.: 21203.00	Owner:
2020.02.01	11.01.15
2020.02.01	11.11.15
2020.02.01	04.04.22
2020.02.01	05.04.22

Drafter:

A.J. S.

Checklist:

L.S.W.

## IRRIGATION DETAILS

