LEGAL DESCRIPTION:

SITE DATA:

ACREAGE

443,005 SQ. FT. (10.17 ACRES)

NAME OF DRAINAGE BASIN: TEMPLETON GAP DRAINAGE BASIN

ZONING: PDZ/CR HS-O Existing Zoning: PUB/HS - R

Conditions of Record.

1. Use shall be limited to 2. The Maximum building height shall not exceed 35° and the mototol building size shall not exceed 35° and the mototol building size shall not exceed 23,000 square feet.

A conservation easement shall be placed upon the northern portion of this parcel to prohibit future development.



VICINITY MAP



SITE DEVELOPMENT DATA:

LAND USE: RELIGIOUS INSTITUTION

Religious institution and child daycare center, large						
LOT COVERAGE:	SQ.FT	ACRES		%		
TOTAL AREA:	443,005.20	SQ.FT.	10.17	AC.	100.00%	
TOTAL PERVIOUS AREA: LANDSCAPE:	336,846.20	SQ.FT.	7.73	AC	76.03%	
IMPERVIOUS AREA: BUILDING FOOTPRINT: (including trash enlossure)	23,096.00	SQ.FT.	.53	AC.	5.2%	
ASPHALT/CONC:	83,098.00	SQ.FT.	1.91	AC.	18.7%	
****** *******************************	100 104 00	CO ET	244	40	27.07#	

SCHEDULE FOR DEVELOPMENT (BUILDING AREA BY PHASE)

PHASE		GROSS	SQ.	FT	EXPECTED	COMPLETION	DATE
Phase	l:	13,418	Sq.	Ft.	Sprin	g 2005	
Phase	ll:	4174	Sq.	Ft.	Spring	2009	
Phase	III:	3088	Sq.	Ft.	Spring	2014	
Phase	IV:	1872	Sq.	Ft.	Spring	2019	
Phose	V:	448	Sq.	Ft.	Spring	2024	
Total:		23,000	Sq	Ft.			
Minor m	odification to	add preschool use		810 sq	ft (indoor)	Summer 20	025

4750 soft (outdoor)

Minor modification to add preschool use BUILDING HEIGHT:

Maximum Building Height Allowed

PARKING SPACE RATIO:

RELIGIOUS INSTITUTION:	REQUIRED SPACES	PROVIDED	
Proposed Sanctuary Seating: 310 seats	78 52		
Proposed preschool size	3	20	

FLOOD ZONE INFORMATION:

FEMA map number 08041C0519F does not show this site within the projected 100 year floodoloin.

- Landscape improvements will be the responsibility of the owner and/or his/her assigns.

 The landscape plan included within this plan set is a Final Landscape Development Plan
- 3. All parking lots, landscape islands and vehicular circulation drives will be surrounded or bounded by 6" vertical concrete curb. All sidewalk surfaces will be broom finished concrete.
- 4. All absended curifices will be broom finished concrete.
 5. All substanded curb & gutter, pedestrion romps, and sidewalk edjocent to the site will need to be removed and replaced per current City of Colorodo Springs standards.
 6. Examents will be provided for cross access, utilities, and drainage.
 7. Significent natural features are located within this property. Refer to the Land Suitability Analysis Map, located within the City Development Pan file OFC DI CO-COS.
- The state of the s
- CPC DP 22-033.

 The proposed property environment, is adjust to fusit monopenent requirements. It is the responsibility of the builder. But the proposed property environment control is a Section 150 in 19m.1 of Artists 4 of Chapter 20 of the Object 20 of the Ob
- flood. (see Land outstand, year, which was a see Land outstand of a Caologic Hazard Report propored by Donald A. Caologic Plazard Confedence Statement. This property is subject to the findings summary and accologication of a Caologic Hazard. Report proport by Donald A. Caologic Plazard Confedence of the findings summary and accologication of a Caologic Hazard. Report proport by Donald A. Caologic Plazard Confedence of the findings of the find
- 10. Preservation / No Build Area
 Is destified as but portion of this development plan and clearly identified and above. This area is set aside as a restriction for the
 Is destified as but portion of the development plan and clearly identified and above. This area is set aside as a restriction for the
 Isolatory and the contract of th

- ARCHITECTURE/BUILDING NOTES the area below the structure shall have all under floor areas
- Outlier and desemports shall be constructed from non-combustible meters.

 Appendages and projections: Unanched occasesy structures actuable to buildings with hobbibible sposes and projections, such as decks, shall be a minimum of one-valed fire resistate construction, heavy timber construction or constructed of approved non-combustible motation. When the attitudes the structure is located and constructed so that the structure shall be constructed or only portion or one provided in the structure and construction and constructed so that the structure shall be structured in construction or one profit or or portion of the structure is constructed and constructed so that the structure is accorded as a structure is accor
- deprives for-comparated materials, when the satisfaction is account on the contraction of the contraction of
- Chinneys serving freploces, berlescues, inclinators, or describer leading applications in which soul or issue train is used to be provided with a growth of the servine state of

+ a, + (LAb) + a, + Typical Parking Space Size 9'x18'

PARKING DETAIL WHEN ADJACENT TO CURB





HANDICAP PARKING DETAIL OPEN PARKING DETAIL

SHEET INDEX

- ...Development Plan and Cover Sheet Notes and Details ...Development Site Plan
- Building Elevations Grading Plan
- Master Facility Plan
 Existing Tree Inventory and Protection Plan
 Overall Landscape Plan
- Hydrozone Map and Plant Schedule
- Final Landscape Plan
- Final Landscape Plan
 Final Landscape Plan
 Planting Detail
 Irrigation Plan
 Irrigation Plan

- 14.... Irrigation Details 15.... Irrigations Details

CONSULTANTS:



LIGHTING NOTES:

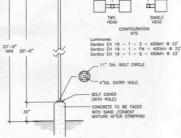
- Lights on the building shall not exceed 10" in height from the finished grade elevation adjacent to the building.
- 2. The height of the pole parking lot lights shall be limited to a maximum pole height of 23"
- 2. The height of the pole parking lot lights shall be limited to a maximum pose height or can including the base.
 3. All well and parking lot light poles shall be a dark color and non-reflective, including the base.
 All fatures shall be share-back type with full cutoff features and be limited to metal India (white) type.
 (white) type.
 (and the property of the prope

- perimeter property lines.

 Minimum lighting, except those used for the protection of the property, shall be used after
- 10:00 PM Interior lighting of the buildings will be controlled in order to minimize adverse negative impacts to the surrounding area.

AMENDMENT HISTORY

CITY FILE NUMBER	CHANGES TO PLANS	APPROVAL DATE
CPC DP 02-0253:	Beth-El Mennonite Church Development Plan	(2002)
AR NV 09-00036:	nonuse variance for additional wall signage	(2009)
PDZD-25-0020:	minor modification to add preschool use	(Summer 2025)



-19"+ +19" +

* ×19" ×

PARKING LOT LIGHT DETAIL

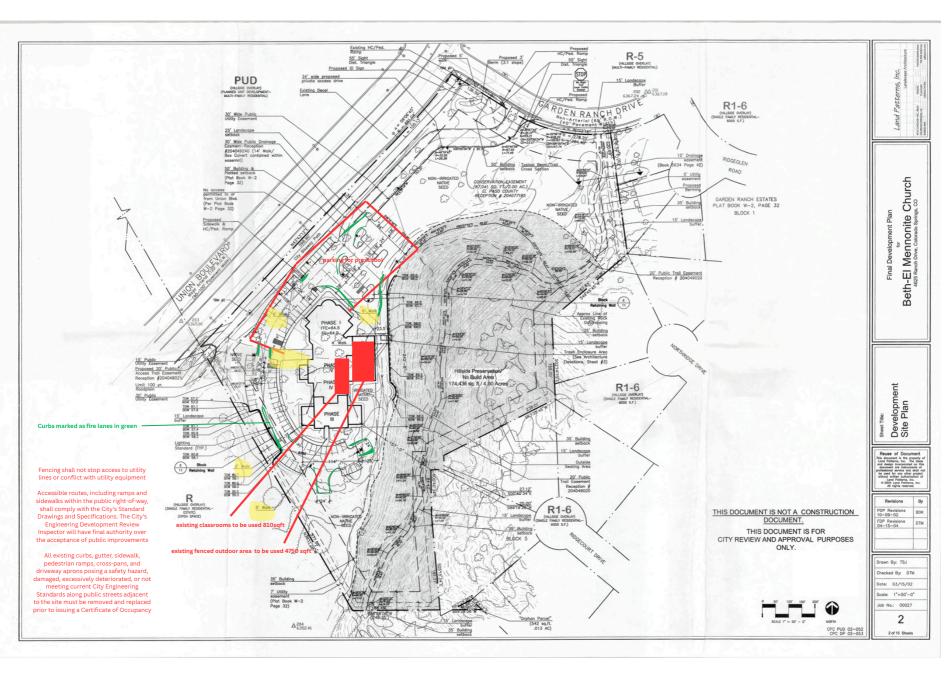
Beth-El Mennonite Church

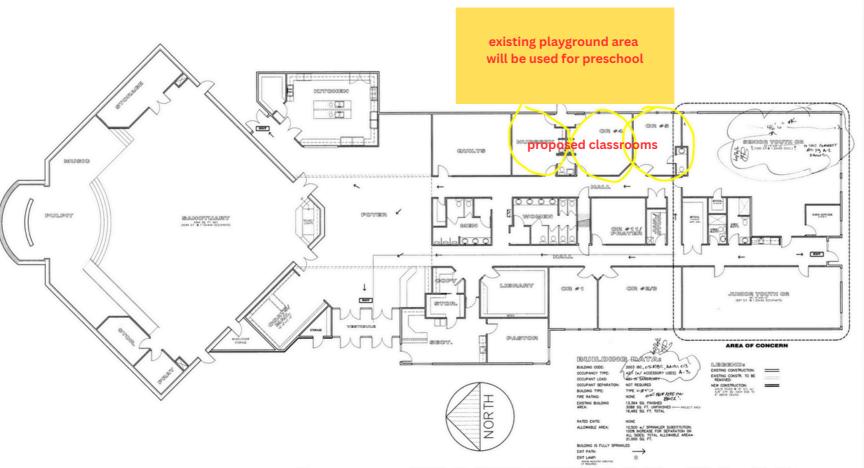
1219 Yumo Street Colorado prings, CO 80909 Telephon 719-636-2716

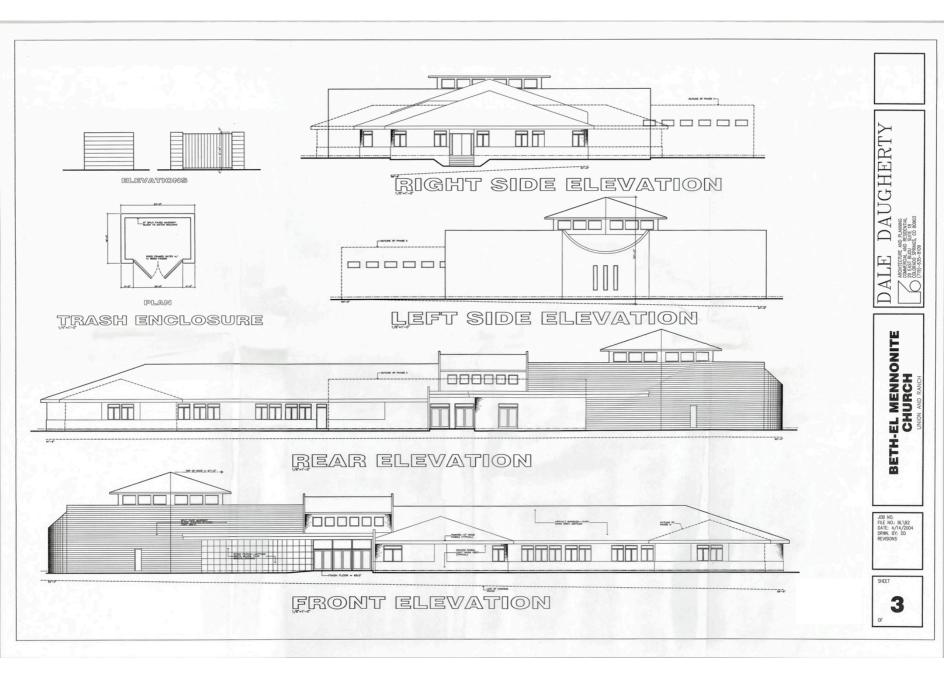
UPDATED 5-9-25

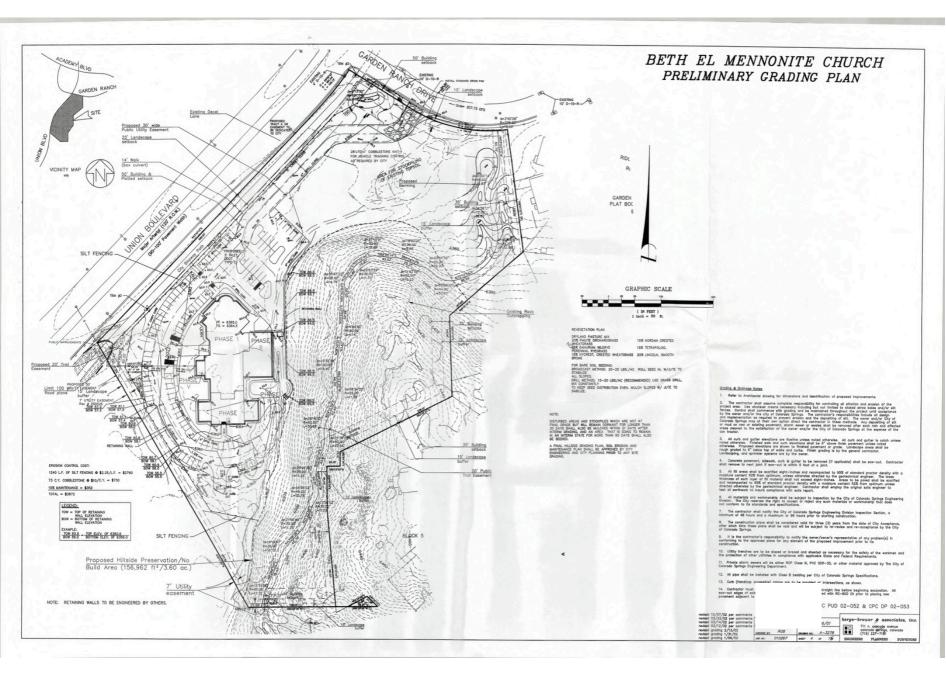
PREPARATION: 04-15-04 CPC DP 02-05

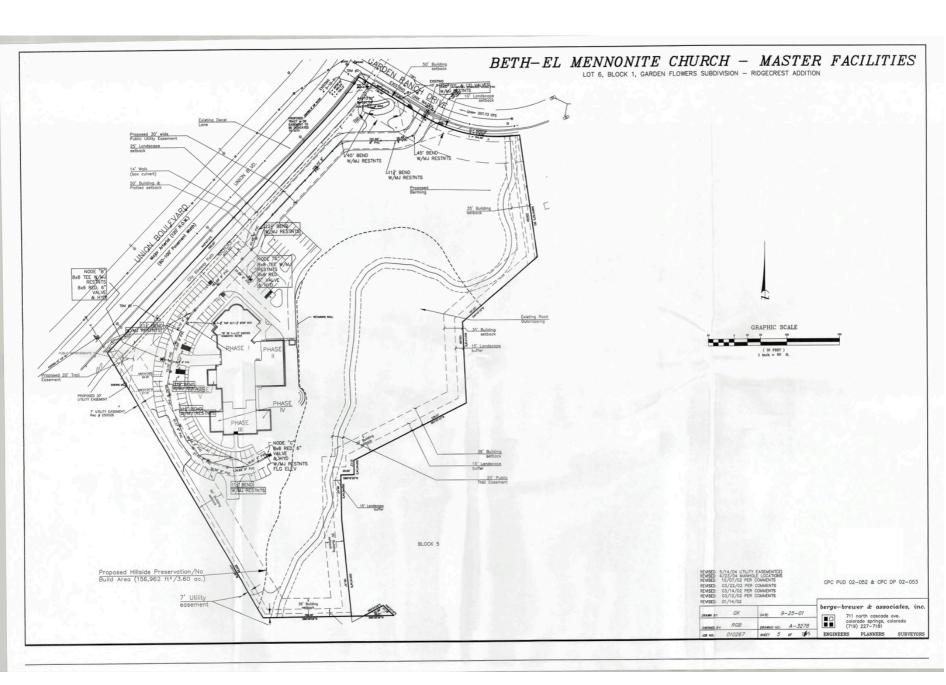
1 OF 15 SHEETS

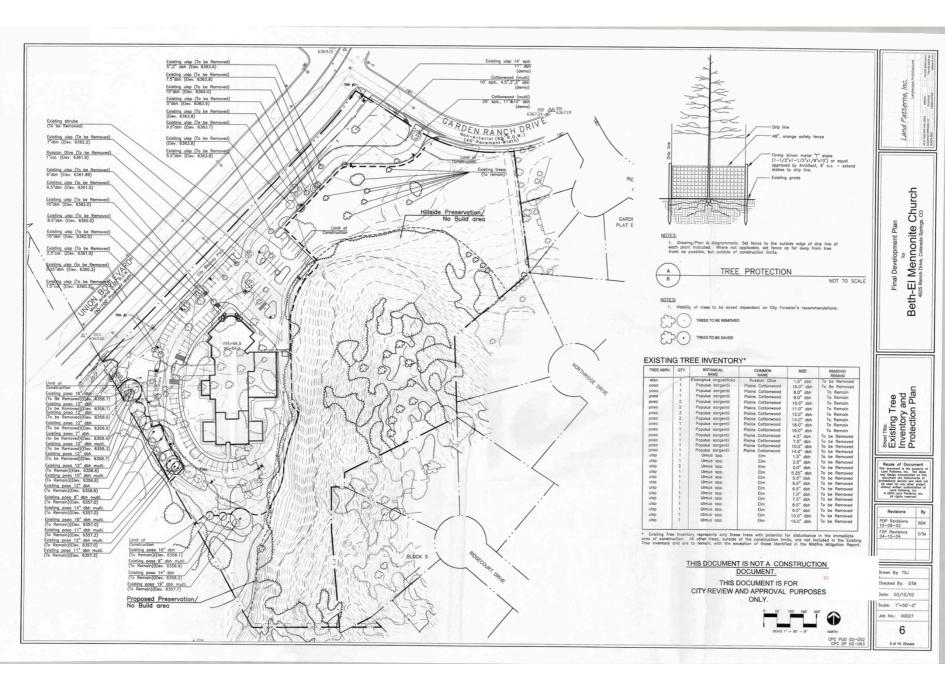


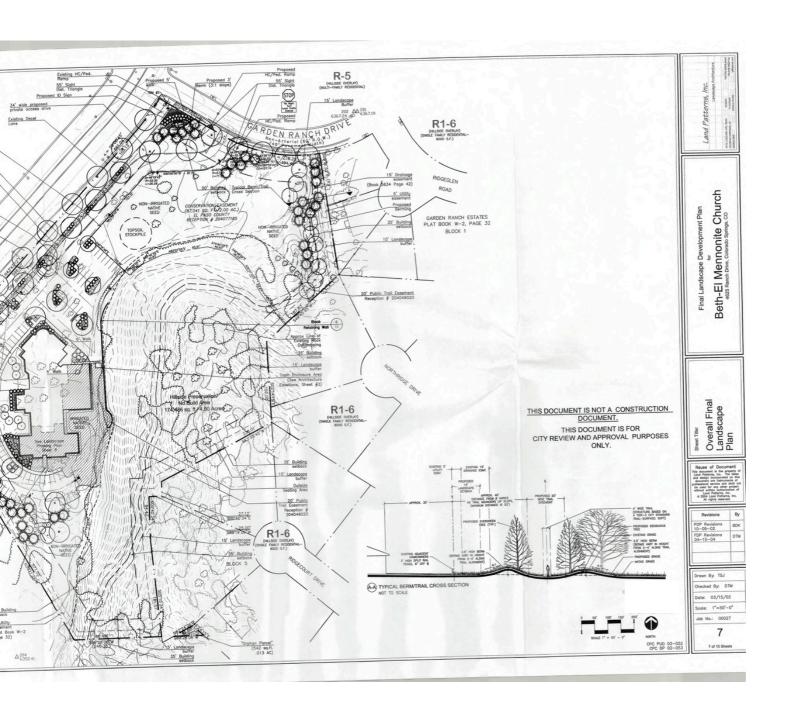


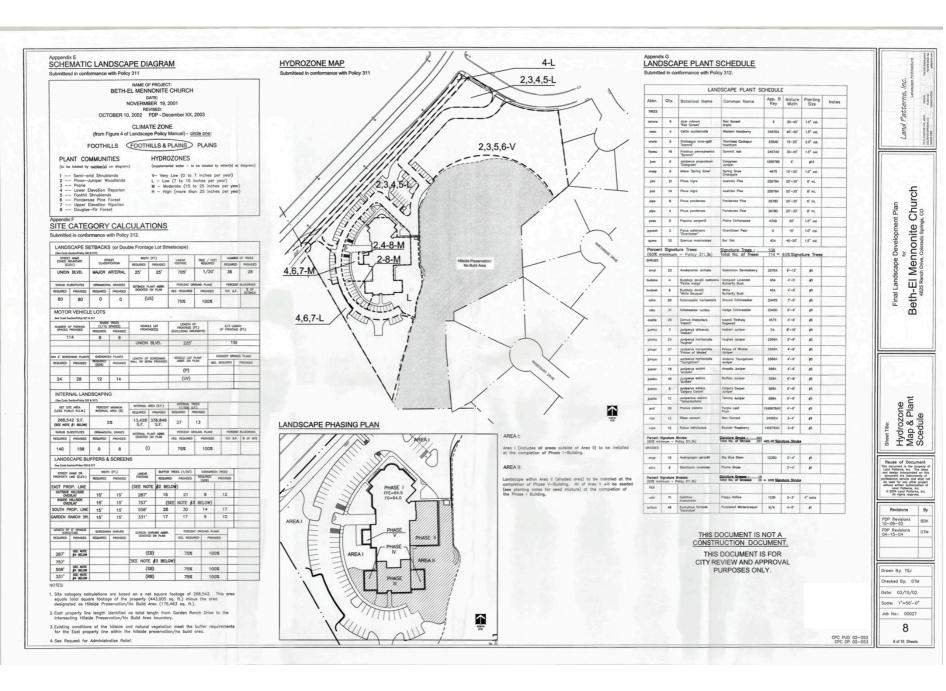


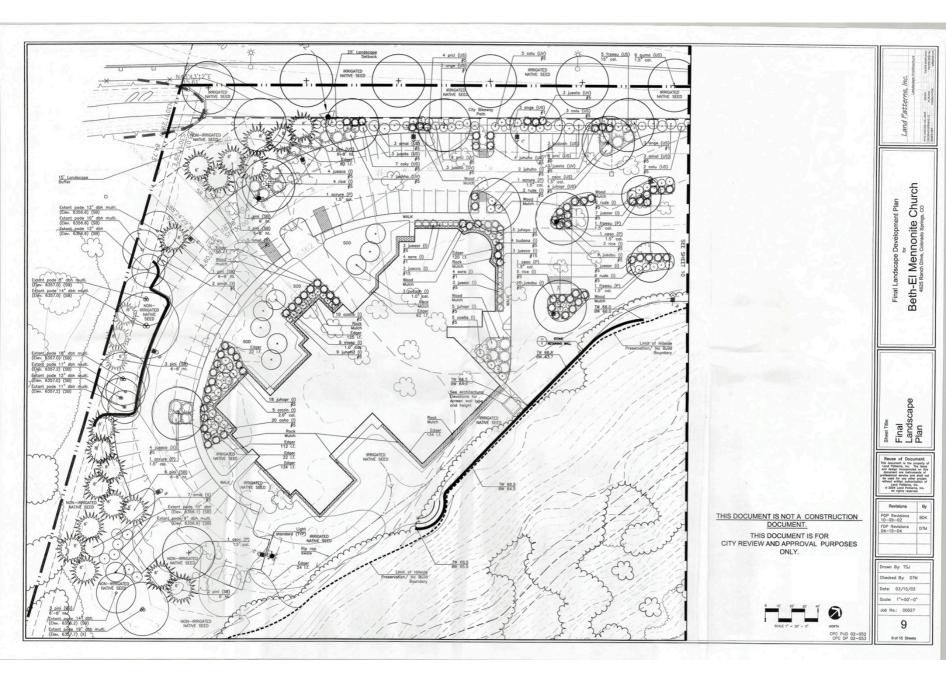




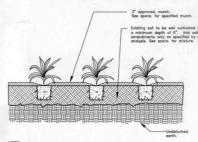












tive pruning (dead or damaged wood) to be immediately completed prior to planting. 2. On slopes plant rootball at grade and provide sourcer rim on down hill side. Water in at

3. For pot bound container only: make 4-5 vertical cuts in rootball 1/2" deep. Plant

For burlapped plants: Remove all burlap if possible without breaking the rootball or remove a minimum of 2/3 of the burlap from the top portion. Remove all green treated burlap.

NOT TO SCALE

6. Do not fertilize for at least one growing season.

7. Keep plants maist and shaded until planted

SHRUB PLANTING DETAIL

PERENNIAL PLANTING DETAIL

NOT TO SCALE

2. Plant around covers and perentials level and at grade. 3. Refer to soil analysis report and specifications soils mix

GENERAL PLANTING NOTES AND SPECIFICATIONS

DEREM. PLANTING NOTES AND SPECIFICATIONS

1. Exect locations, elevations and configurations of utilities, structures, existing plants and natural feebures are the responsibility of the user and shall be field wrifted prior to any work, including material orders. Couldon shall be exercised during all field work: surveying, locators, hand displays, plat holes and/or other Couldon shall be exercised during all field work: surveying, locators, hand displays, plat holes and/or other Couldon shall be exercised during all field work: surveying, locators, hand displays, plat holes and/or other Couldon shall be exercised during all field work: surveying, locators, hand displays, plat holes and/or other Couldon shall be considered to the could be compared to the could be

st.

Pruning: All plants shall not have been pruned after selection by the Landscape Architect or Contractor either the supplier's nursery or the Contractor's work site, except as otherwise provided herein, (See

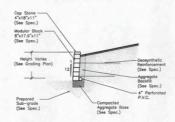
Pruning: All plotts soot not now oeen prunes uses accessory as the provided herein, (See at either the supplier's nursery or the Controctor's work site, except as otherwise provided herein, (See at either the prover's local text of the control of the seed of the control of the seed of the see

15. EDGD: All edger shall be 14 gapger a YUL steel edger. Color shall not extractionate grown mix having a healthy, vigorium or of system that he seek my regularly vestered, mowed, fertilized and sprayed for weeds the son narray with the foliation mixture of grasses:

15% Social Abory

15% Social Coventry

17% Roberts Unroutine
17% Roberts Counting
17% Roberts Cou



BLOCK RETAINING WALL DETAIL 11

CITY OF COLORADO SPRINGS REQUIREMENTS INSTALLATION, VERIFICATION, AND DEFERRAL

Code Section 309. (Paraphrased)

Instablistics.

All londscoping, inrigation system and other site work shown on the approved londscope and irrigation plans shall be properly instabled the system of the property instabled the system of the property instabled the system of the system of

From the production of the pro

Policy 306, according to permittee, it shall be financiating seasons and the assurance shall not be totally released until the seeding is considered to be established in a healthy state by City Phonings, considered to be established in a healthy state by City Phonings with the testaler and verifiest by the qualified designer, or be verified by Planning in conformance with Section 3-3-3-10 at the testale conformance with Section 3-3-3-10 at the Section 3-3-3-10 for the provisions of the section of

3. Financial resurroces shall contain the basic provisions of the conceptible forms for financial consumes available from City conceptible forms for financial consumes available from City at the control of the contro

MAINTENANCE ASSURANCE

Code Section 310. (Paraphrased)

Code Section 3.0. (Perspiranes)

Compliance Inspection

City Planning shall perform a landscape compliance inspection two

City Planning shall perform a landscape compliance inspection two

City years direct the initial landscape installation is verified in

Alternative to Inspection Affolia of this Part.

Alternative to Inspection Affolia of Info. Part.

Alternative to Inspection Affolia of Info. Part.

Alternative to Inspection Affolia

Manager for a two City year private that guarantees the maintenance

in good condition of all required bendeciping components. Description

Fly Planning will then Inspect and verify the India

Indianative or Alternative Afford Section Afford

Indianative Afford Afford

Fly Braining will then Inspect and verify the India

Indianative Afford

Fly Braining will be included costs, certificates of

deposit, irrevocable latters of credit, performance bands and escription

Conformance with the procedures satisfation in the Landscape Policy

Manager.

Policy 310.

1. The amount of the financial casurance for mointenance that is a financial control of the financial casurance for mointenance that is a financial format of the financial casurance for mointenance and the required for the irrigation system.

2. The amount of the financial casurance for mointenance may be reduced by the cost of werlifer, enquired point replecements, on a federace of the financial casurance and the released once GUp Plomsing werlies that of the required indeclarity has been mointened in the financial casurance and the released once GUp Plomsing werlies that of the required indeclarity has been mointened in cook and the Landscape Policy Mount for a period of the (2) years from the date of verification of the initial landscape resident of the initial landscape resident of the control control casurance and the control casurance casurance and the control of the initial landscape resident of the control casurance and the casurance and the control casurance and the casurance and the case of the casurance and the casurance a

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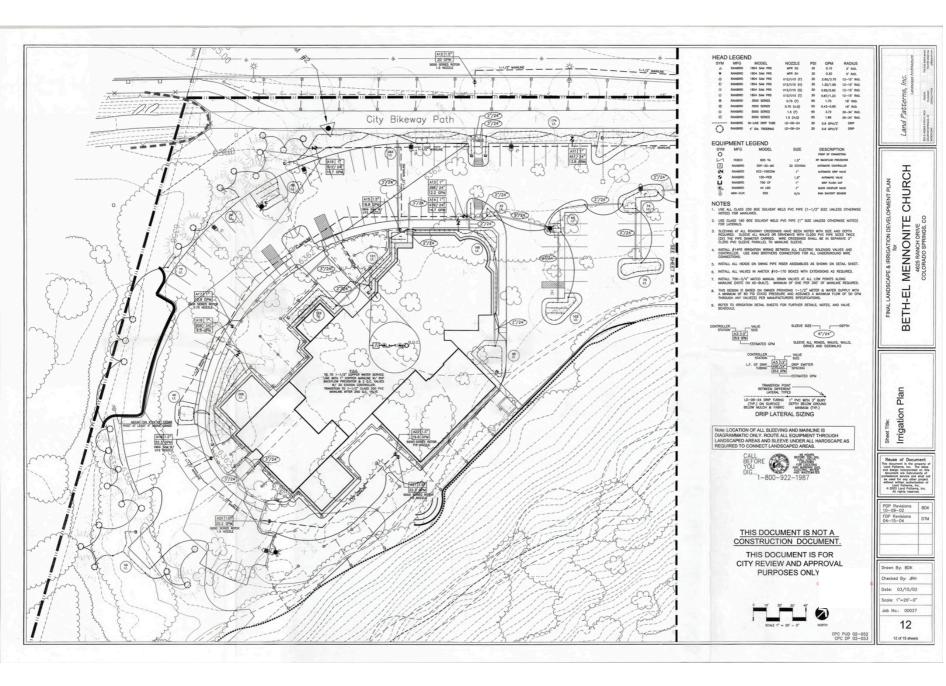
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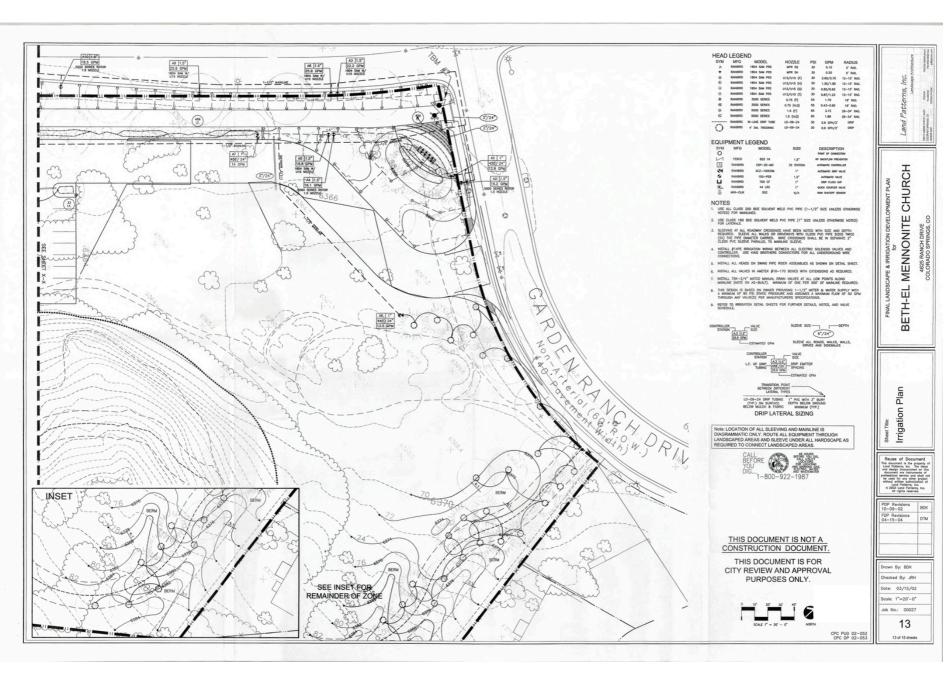
Landscape Details

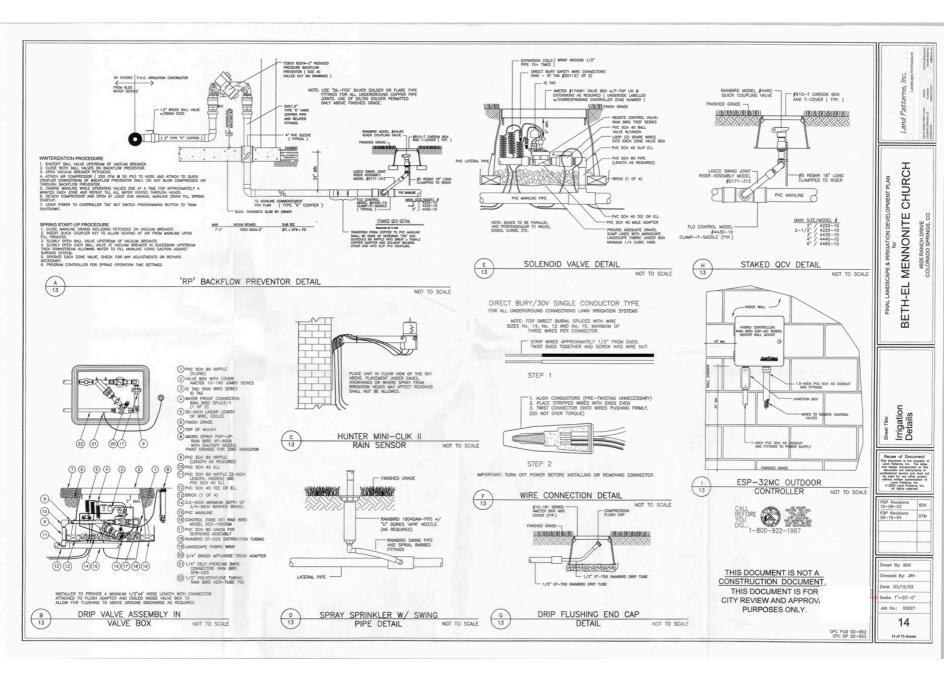
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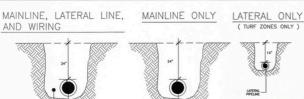
Revisions Ву PDP Revision 10-09-02 BOK Revisions 04-15-04

Drawn By: TSJ Checked By DTM Date: 03/15/02 Scale: 1"=50"-0" Job No.: 00027 11 11 of 15 Sheets









-NO PRINC SHALL BE INSTALLED WITH LESS THAN 12" LATERAL CLEARACE (NO SHARED TRENCHES). LINE PRINC PER SPECIFICATIONS AND IN FULL ACCORDANCE WITH MANUFACTURER'S INSTALLATION RETRIENCHOOS.

-GEPPIS INDICATED ARE MINIMAN DEPTHS. TO 10P OF PPELINE AND NOT TRENCH DEPTH.

110/120 VOLT &



ALL 120 VOLT WIRING IN CONDUIT TO BE INSTALLED PER STATE & LOCAL CODE

CONTROL WIRING

PROVIDE PVC CONDUIT FOR WIRES WHEN TRENCHED ALONE OR ALONG SIDE MAINLINE SLEEVE BENEATH



BAND 20" LOOP OF WIRES IN ALL CHANGES OF DIRECTION GREATER THAN 30 DEGREES. UNTIL LOOPS AFTER CONNECTIONS ARE MADE



PVC PIPE TRENCHING DETAIL

NOT TO SCALE



WIRE TRENCHING DETAIL

NOT TO SCALE

GENERAL NOTES:

- A- PLANS ARE DIAGRAMMATIC; PRECISE PLACEMENT OF EQUIPMENT MAY NOT BE POSSIBLE AS INDICATED. CONSULT PROJECT MANAGER PRIOR TO MAKING RANDOM FIELD CHANGES WHICH MAY ALTER THE INTENT OF THE DESIGN.
- B- SCOPE OF WORK TO BE PROVIDED AND INSTALLED BY IRRIGATION SYSTEM CONTRACTOR TO INCLUDE BUT MAY NOT BE LIMITED TO:
- PROVISION AND INSTALLATION OF ALL EQUIPMENT REQUIRED PER THE DRIWINGS, EQUIPMENT SCHEDULE, AND SPECIFICATIONS, INCLUDING ALL MISCELLAREOUS INCIDENTAL EQUIPMENT, WHITTHER INDICATED OR NOT BUT WHICH MAY BE REQUIRED TO RESULT IN A COMPLETE AND OPERABLE IRRIGATION SYSTEM (FROM P.O.C.).
- 2- COORDINATION AND INSTALLATION OF ALL SUBSURFACE SLEEVES AS INDICATED ON THE
- FLAGGING OF ALL SPRINKLER HEAD AND CONTROL VALVE LOCATIONS, AND MARKING OF ALL MAINLINE AND LATERAL PIPELINE LOCATIONS FOR INSPECTION AND APPROVAL BY PROJECT MANAGER PROPOR TO TRENCHING AND EXCAVATING.
- MANAGERY PROOF TO TRUNKING AND EXCHANGES.

 TESTING FOR STATE WATER PRESSURE AND POINT OF CONNECTION AND DETERMINED ACQUARTY FOR USE PROOF TO COMMERCIAN WORK CONNECTION AND FORT OF THE PROJECT MANAGER AND OFFICIALISTS SHALL BE CORRECTED PROOF TO CONNECTION, FALUE TO TEST AND VERY ACQUART WORK CONNECTION OF FORM OF CONNECTION, FALUE TO TEST AND VERY ACQUART PROVIDED SHALL BE CORRECTED BY THE PROOF TO COMMERCIANT OF FORM FOR CONNECTION FOR PREVIOUS SHALL BE CORRECTED FOR THE PROVIDED SHALL BUT AND PROVIDED REPORT OF THE PROVIDED SHALL BUT AND PROVI
- PROVISION AND INSTALLATION OF ALL CONTROLLERS, CARNETS, PEDESTAL MOUNTINGS, CONCRETE PAGE, AND ANY CONTROLLER-RELATE EQUIPMENT AS MAY BE REQUIRED FOR THE COMMISS AND SPECIFICATIONS, RESULTED FOR THE COMMISS AND SPECIFICATIONS, RESULTED FOR THE CONTROLLERS AND AND SPECIFICATION AS NOTICED IN THE CONTROLLERS AND VALVE CONTROLLERS
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- B- COMPLETE CLEANUP OF ALL DIRT, UNUSED INSTERNAS, AND OTHER DEBRIS SHALL BE PREVIOUND BY THE INSTALLER PRIOR OWNERS' INSPECTION FOR FIRM, ACCEPTANCE, CANDEN WITH WHITE AS MAY BE INTERESTED TO REMOVE THAN DEBBES, ALL ROAD PATICHES SHALL BE COMPLETE, FLAGS REMOVED, AND FINE TURNING ADJUSTMENTS MADE PROPRIET INSPECTION FOR FIRM, ACCEPTANCE,
- AS-BULLT REPRODUCBLE RECORD DRAWINGS, WRITTEN WARRANTIES, SEASONAL MAINTOWNCE INSTRUCTIONS, AND SPARE EQUIPMENT SHALL BE PROVIDED BY THE INSTRUCTION HE INSTRUCTION OF THE INSTRUCTION O

- A T YEAR COMMINE WERRINTY SHALL BE DITIDIDED BY THE INSTALLER TO COVER ALL MADDIA, AND WIGHWAYSHEP PROVIDED LINGER THE CONTRICE. DURING THE I YOUR WERRING MAD WIGHWAYSHEP PROVIDED LINGER THE CONTRICE. DURING THE I YOUR WERRING AND WIGHWAYSHEP AND ADDITIONAL THE PROVIDED RESIDENCY AND ADDITIONAL THE PROVIDED RESIDENCE WAS ADDITIONALLY AND REPARA/REPLACINED WAS BE MADE AT EXTRA COST TO THE INSTALLER, AND REPARA/REPLACINED WAS BE MADE AT EXTRA COST.
- ALL INSTALLATIONS SHALL BE MADE IN STRICT ACCORDANCE WITH THE DRAWINGS, SPECIFICATIONS, DOCUMENTS, AND STATE & LOCAL CODES AND ORDINANCES HAVING JURISDICTION OVER THE WORK. IN THE EVENT OF CONFLICT BETWEEN REQUIREMENTS, THE MOST STRINGENT REQUIREMENT WILL PREVAIL IN ANY CASE.
- H- ALL IRRIGATION WORK SHALL BE COORDINATED WITH LANDSCAPE AND STEWORK. DO NOT WILLFULLY MAKE ANY INSTALLATION WHICH MAY INTERFERE WITH IRRIGATION SYSTEM OPPRATION AND COVERAGE AS INTENDED BY DESIGN, NOTIFY THE PROJECT MANAGER OF SUCH CONFLICTS PROOR TO PROCEEDING WITH MORK.
- ALTERNATE CORPORATE FROM THAT SHOCKETO ON THE ORDINANCE, AND SPECIFICATIONS, WHICH WERE INSTALLED WILL RESULT IN EQUAL PERFORMANCE, MAPIOUS PERFORMANCE, AND JOSE THAT REQUEST AND PROPERTY OF THE PROPERTY OF THE ORIGINAL PROPERTY OF THE PROPERTY OF THE ORIGINAL PROPERTY O
- LIPOLS DETERMS NOT AN AMERICANT TO PROVIDE LARGE MAD METERAL TO COMPLETE ALL MON REQUIRED UNDER THE SECTION, THE STATLINE FERRED GUARANTES TO THE CHARGE THAT WORK WILL BE DECUTED TO THE BEST OF THE RESTALIST'S ABOUTTY, THE RESTALIST WAS AN TIME. THE MAY TIME, COMMITTING, OR REQUIREMENT STATED RESTALIST AND TIME. THE RESTALIST WAS AND THE COMPLETE OF THE RESTALIST AND THE RESTALIST WAS THAT COMPLETE AND THE RESTALIST WAS THAT COMPLETE AND THE COMPLETE OF THE RESTALIST WAS THAT COMPLETED.



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SYM	QTY	MFG	MODEL	NOZZLE	P\$I	GPM	COVERAG
4	4	RANBRO	1804 SAW PRS	MPR 50	30	0.10	5° R40.
•	8	RANBRO	1804 SAW PRS	MPR SH	30	0.20	5' RHO.
0	- 1	RANBIRO	1804 SAM PRS	U12 (9)	30	2.60	12-15° RND.
0	9	RANBIRO	1804 SAM PRS	U12 (H)	30	1.30	12-15° RAD.
ø	7	RANBRO	1804 SAW PRS	U12 (0)	30	0.65	12-15' RAD.
Θ	1	RANBRO	1804 SAW PRS	U12 (T)	30	0.87	12-15" RAD.
0	2	RANBIRO	1804 SAM PRS	U15 (F)	30	3.70	12-15' RAD.
0	50	RANBRO	1804 SAM PRS	U15 (H)	30	1.85	12-15' RAD.
0	7	RANBRO	1804 SAM PRS	U15 (Q)	30	0.92	12-15° RAD.
0	1	RANDERO	1804 SAM PRS	u15 (1)	30	1.23	12-15° RAO.
	2	RANSIRO	3500 SERIES	0.75 (7)	55	1.70	18° R40.
α	13	RANBRO	3500 SERIES	0.75 (H,Q)	55	0.43-0.85	18° RAD.
0	11	RANDIRO	5000 SERIES	1.5 (f)	65	3.72	29-34° RIO.
Œ	29	RANGIRO	5000 SERIES	1.5 (H,0)	65	1.86	29-34° RAD.
	2,673 Lf.	RANBIRO	IN-LINE DRIP TUBE	LD-09-24	30	0.9 GPH/2"	DRIP
0	53	RANBIRO	4" DW. TREERING	LD-09-24	30	0.9 GPH/2"	DRIP

FOUIPMENT SCHEDULE

SYM	QTY	MFG	MODEL	SIZE	DESCRIPTION
И	1	FEBCO	825 YA	1.5"	RP BHOXPLOW PREVIOUS
A	1	RANSIRD	ESP-32-MC	32 STATION	AUTOMATIC CONTROLLER
84	7	RANSIRO	XC2-10000M	1*	AUTOMATIC DRIP VILVE
9	15	RANBIRD	150-PEB	1.5"	AUTOMATIC VALVE
ш	10	RANBIRD	700 CF	1*	DRP FLUSK CAP
O _k	3	RANBIRD	44 LRC	1"	QUICK COUPLER VILVE
ò	- 1	MINI-CLIK	502	N/A	ANN SHUTOTT SONGOR

VALVE SCHEDULE-CONTROLLER 'A'

VALVE #	EST. GPM	SIZE	MINS/APP	HYDROZONE ZONE TYPE		
A1	12.9 GPW	1"	15	'L'- LANDSCAPE DRIPLINE, SHRUB BEDS		
A2	15.2 GPM	1.5*	30	W- POP-UP ROTOR HEADS, SODDED FESCUE TUR		
A3	22.2 GPM	1.5"	10	'M'- POP-UP SPRAY HEADS, SODDED FESCUE TUR		
A4	16.1 OPM	1.5"	30	W- POP-UP ROTOR HEADS, SODDED FESCUE 1		
A5	16.8 GPM	1.5"	10	'W'- POP-UP SPRAY HEADS, SODDED FESCUE TU		
A6	13.5 CPM	1"	15	"L"- LANDSCAPE DRIPLINE, SHRUB BEDS		
AT	14.0 OPM	1"	15	"L"- LANDSCAPE DRIPLINE, SHRUB BEDS		
A8	25.9 GPW	1.5*	10	W- POP-UP SPRAY HEADS, SCOOLD FESCUE TU		
A9	25.9 CPM	1.5*	10	"W"- POP-UP SPRAY HEADS, SODDED FESCUE TUI		
A10	14.4 OPM	1.5"	30	"M"- POP-UP ROTOR HEADS, SOCOED FESCUE TU		
A11	13.8 GPM	1"	15	"L"- LANDSCAPE DRIPLINE, SHRUB BEDS		
A12	15.0 QPM	1.5*	30	"M"- POP-UP ROTOR HEADS, SODDED FESCUE TU		
A13	12.2 GPM	1"	15	"L"- LANDSCAPE DRIPLINE, SHRUB BEDS		
A14	14.7 CPM	1"	15	'L'- LANDSCAPE DRIPLINE, SHRUB BEDS		
A15	18.8 CPM	1.5*	12	"H"- POP-UP SPRAY HEADS, SOCIED TURF		
A16	15.7 CPM	1"	15	"L"- LANDSCAPE DRIPLINE, SHRUB BEDS		
A17	12.8 CPM	1.5"	40	"H"- POP-UP ROTOR HEADS, SOCIOED TURF		
A18	9.5 GPM	1"	15	"L"- LANDSCAPE DRPLINE, SHRUB BEDS		
A19	22.3 CPM	1.5*	10	"H"- POP-UP SPRAY HEADS, SOCOED TURF		
A20	25.2 CPM	1.5"	15	"L"- POP-UP ROTOR HEADS, NATIVE SEED AREAS		
A21	22.3 CPM	1.5*	15	'L'- POP-UP ROTOR HEADS, NATIVE SEED AREAS		
A22	19.6 GPM	1.5"	15	'L'- POP-UP ROTOR HEADS, NATIVE SEED AREAS		
A23-A32	SPARE					

BASED ON APPLICATION RATES OF 1.5" PER WEEK (4 DAYS PER WEEK CYCLE) FOR BLUEGRASS SOO AREAS.

BASED ON APPLICATION RATES OF 0.75" PER WEEK (3 DAYS PER WEEK CYCLE) FOR NATIVE SEED

RECOMMEND SPLITTING APPLICATION TIMES INTO TWO REPEAT CYCLES.

DESIGN BASED ON MAXIMUM OPERATION OF TWO STATIONS PER TAP MAXIMUM FLOW OF 44.4 GPM \otimes 60 PGI STATIC PRESSURE.

WORST CASE PSI LOSS

ONE A12 @15.0 GPM				
PIPE/DEVICE	DIST.	EST. LOSS	EST. PSI LOSS	TOTALS
1.5" CL200 MAINLINE	1173 LF.	0.46/100"	5.40 PSI	-5.40 PSI
825YA BACKFLOW PREVENTOR			12.0 PSI	-12.0 PSI
PEB 150 VALVE			1.80 PSI	-1.80 PSI
LATERAL	VARIES	5% OF STATIC	4.00 PSI	-4.00 PSI
SWNG JOINT			3.00 PSI	-3.00 PSI
1.5" METER	***		1.40 PSI	-1,40 PSI
ELEVATION GAIN/LOSS	0		0.00 PSI/FT GAIN	0.00 PSI
5004 SERIES W/ 1.5 NOZZLE	-45.00 PSI			
TOTAL CALCULATED STATIC PSI	72.60 PSI			
STATIC PSI AVAILABLE AT P	80.00 PSI			
RESIDUAL PSI AVALBLE	7.40 PSI			

CPC PUD 02-052 CPC DP 02-053

CHURCH ANDSCAPE & IRRIGATION DEVELOPMENT

Inc.

MENNONITE 4625 RANCH DRIVE COLORADO SPRINGS, П ETH B

Irrigation Details

Reuse of Document

Revisions

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BDK

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