DECIDUOL	JS SHADE TREES						
SYMBOL	COMMON NAME	BOTANICAL NAME	MATURE HEIGHT	MATURE SPREAD	WAT ER USE	SUN/SHADE	SIZE AND CONDITION
WEH	Western Hackberry	Celtis occidentalis	50-60'	40-50'	Low	Sun	2.5" Cal., B&B
SHL	Shademaster Honeylocust	Gleditsia triacanthos inermis 'Shademaster'	40-50'	30-40'	Low	Sun	2.5" Cal., B&B
KYC	Kentucky Coffeetree	Gymnocladus dioicus	50-60'	40-50'	Low	Sun	2.5" Cal., B&B



Austrian Pine

DECIDING OF IDELIDO

EVERG	REEN TREES						
SYMBOL	COMMON NAME	BOTANICAL NAME		MATURE SPREAD	WATER USE	SUN/SHADE	SIZE AND CONDITION
VPP	Vanderwolfs Pyramid Pine	Pinus flexilis 'Vanderwolf's Pyramid'	30-50'	15-30'	Low	Sun / Part Shade	8' ht., B&B

Pinus nigra

MATURE MATURE WATER

20-25' 15-20' Medium

40-60' 30-40' Low

HEIGHT SPREAD USE

SIZE AND

CONDITION

2" Cal., B&B

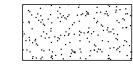
8' ht., B&B

SYMBOL	COMMON NAME	BOTANICAL NAME	MATURE	MATURE	WATER	SUN/SHADE	SIZE AND
STIVIDOL	COMMON NAME	BOT ANICAL NAME	HEIGHT	SPREAD	USE	SUNSHADE	CONDITION
SSB	Saskatoon Serviceberry	Amelanchier alnifolia	6-12'	6-12'	Low	Sun / Part Shade	5 Gallon Cont.
LEP	Leadplant	Amorpha canescens	2-4'	2-4'	Very Low	Sun	5 Gallon Cont.
BMS	Blue Mist Spirea	Caryopteris x clandonensis 'Blue Mist'	3-4'	2-3'	Low	Sun	5 Gallon Cont.
FEB	Fernbush	Chamaebatiaria millefolium	3-5'	3-6'	Very Low	Sun	5 Gallon Cont.
CRC	Cranberry Cotoneaster	Cotoneaster apiculatus	18-24"	4-6'	Low	Sun / Part Shade	5 Gallon Cont.
SGB	Spanish Gold Broom	Cytisus purgans Spanish Gold	2-4'	4-6'	Low	Sun	5 Gallon Cont.
DNB	Diabolo Ninebark	Physocarpus opulifolus 'Diabolo'	6-8'	6-8'	Low	Sun	5 Gallon Cont.
DSP	Dakota Sunspot Potentilla	Potentilla fruticosa Dakota Sunspot	2-3'	2-3'	Low	Sun	5 Gallon Cont.
CWS	Creeping Western Sand Cherry	Prunus besseyi Pawnee Buttes	15-18"	4-6'	Low	Sun	5 Gallon Cont.
KOR	Knock Out Rose	Rosa Knock Out	2-3'	2-3'	Medium	Sun	5 Gallon Cont.
RVS	Renaissance Vanhoutte Spirea	Spiraea x vanhouttei 'Renaissance'	5-7'	6-8'	Medium	Sun / Part Shade	5 Gallon Cont.
MWT	Mohican Wayfaring Tree	Viburnum lantana 'Mohican'	6-8'	6-8'	Low	Sun / Part Shade	5 Gallon Cont.

CVARDOL	COMMONINAME	POT ANICAL NAME	MATURE	MATURE	WATER	CHMICHADE	SIZE AND
SYMBOL	COMMON NAME	BOTANICAL NAME	HEIGHT	SPREAD	USE	SUN/SHADE	CONDITION
HGJ	Hughes Juniper	Juniperus horizontalis 'Hughes'	1-2'	5-8'	Low	Sun	5 Gallon Cont.
MAJ	Medora Juniper	Juniperus scopulorum 'Medora'	15-20'	3-5'	Very Low	Sun	5 Gallon Cont.
BNS	Birds Nest Spruce	Picea abies 'Nidiformis'	3-4'	3-4'	Medium	Sun / Part Shade	5 Gallon Cont.
BTM	Big Tuna Mugo Pine	Pinus mugo 'Big Tuna'	6-8'	5-6'	Low	Sun	5 Gallon Cont.
HCP	Hillside Creeper Pine	Pinus sylvestris 'Hillside Creeper'	3'	8'	Low	Sun	5 Gallon Cont.
BAY	Banana Yucca	Yucca baccata	3-4'	3-5'	Very Low	Sun	5 Gallon Cont.
VAY	Variegated Yucca	Yucca filamentosa 'Color Guard'	2-3'	2-4'	Low	Sun / Part Shade	5 Gallon Cont.

ORNAME	NTAL GRASSES						
SYMBOL	COMMON NAME	BOTANICAL NAME	MATURE HEIGHT	MATURE SPREAD	WATER USE	SUN/SHADE	SIZE AND CONDITION
BAM	Blonde Ambition Grama Grass	Bouteloua gracillis 'Blonde Ambition'	2-3'	1-2'	Very Low	Sun	5 Gallon Cont.
VFG	Variegated Feather Reed Grass	Calamagrostis acutiflora 'Overdam'	1-3'	1-3'	Low	Sun / Part Shade	5 Gallon Cont.
BAG	Blue Avena Grass	Helictotrichon sempervirens	2-3'	18-24"	Low	Sun	5 Gallon Cont.
SRS	Shenandoah Red Switch Grass	Panicum virgatum 'Shenandoah'	3-4'	12-18"	Low	Sun	5 Gallon Cont.
ISI	Indian Steel Indian Grass	Sorghastrum nutans 'Indian Steel'	5-7'	2-3'	Low	Sun	5 Gallon Cont

PERENNIA	LS						
SYMBOL	COMMON NAME	BOTANICAL NAME	MATURE HEIGHT	MATURE SPREAD	WATER USE	SUN/SHADE	SIZE AND SPACING
MPY	Mixed Pastels Yarrow	Achillea 'Summer Pastels'	18-24"	2-3'	Low	Sun	1 Gallon Cont
DBM	Double Bubblemint	Agastache cana	2-3'	18-24"	Low	Sun	1 Gallon Cont
SMS	Silver Mound Sage	Artemisia schmidtiana	12-18"	18-24"	Low	Sun	1 Gallon Cont
CCF	Cheyenne Spirit Coneflower	Echinacea 'Cheyenne Spirit'	18-30"	10-20"	Low	Sun	1 Gallon Cont
MNS	May Night Purple Salvia	Salvia x sylvestris 'May Night'	18-24"	12-18"	Low	Sun	1 Gallon Cont
AJS	Autumn Joy Stonecrop	Sedum 'Autumn Joy'	18-24"	12-18"	Low	Sun	1 Gallon Cont
RBT	Red Birds in a Tree	Scrophularia macrantha	15-40"	1-3'	Low	Sun	1 Gallon Cont



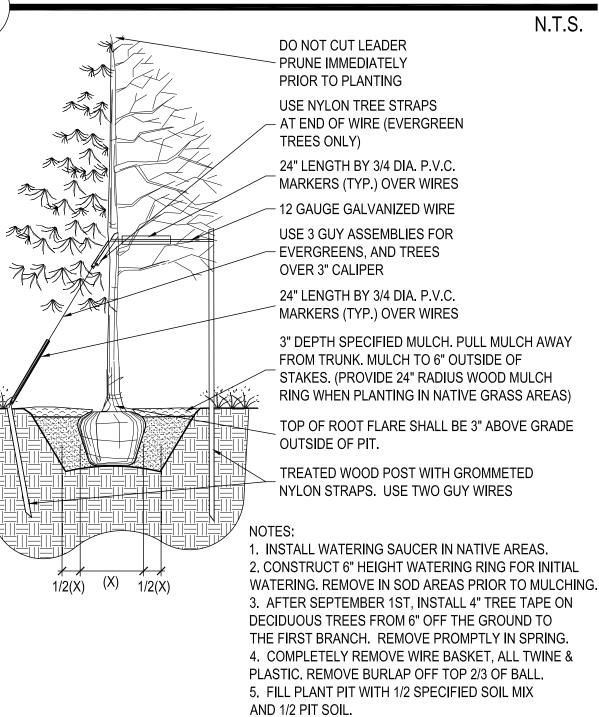
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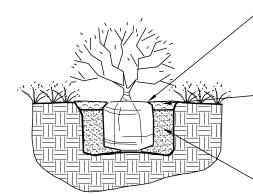
9200

90 / 10 Fescue/Bluegrass Mix

PLANTING DETAIL FOR ALL TREES & B&B SHRUBS



PLANTING DETAIL FOR SHRUBS, AND ALL CONTAINER PLANTS LARGER THAN 1 GALLON



В

 \sim 1" HIGHER THAN THE FINISHED BED GRADE SPECIFIED MULCH- CAREFULLY TUCK MULCH AROUND EACH PLANT (PROVIDE

SET TOP OF ROOT BALL

PLANTING IN NATIVE GRASS AREAS) LOOSEN SIDES OF PLANT PIT, AND WATER THE FILL IN WELL TO ELIMINATE

12" RADIUS WOOD MULCH RING WHEN

LARGE AIR POCKETS 1. PRUNE ALL DEAD OR DAMAGED BRANCHES PRIOR TO, AND AFTER

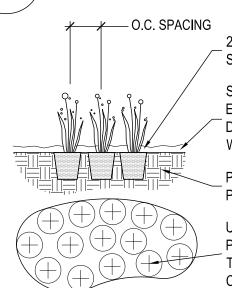
PLANTING. 2. CRUMBLING OR BROKEN ROOT BALLS WILL BE REJECTED.

3. DIG PLANT PIT TWICE AS WIDE AND HIGH AS CONTAINER. 4. TAKE CARE NOT TO DAMAGE ROOT BALL WHEN REMOVING THE PLANT FROM IT'S CONTAINER.

5. FOR ALL PLANTS IDENTIFIED WITH WATER USE OF "LOW" OR "VERY LOW" ON THE PLANT LIST, KEEP WOOD MULCH 2" BACK FROM TRUNK OR STEM.

6. FILL PLANT PIT WITH 1/2 SPECIFIED SOIL MIX AND 1/2 PIT SOIL. 7. SCORE ROOT BOUND ROOT BALLS TO FREE UP ROOTS.

PLANTING DETAIL FOR PERENNIALS, ANNUALS, & ALL CONTAINER PLANTS 1 GALLON OR SMALLER



2-1/4" OR 4" SIZE PLANT MATERIAL AS SPECIFIED ON THE PLANT LIST

SPECIFIED MULCH- CAREFULLY TUCK MULCH AROUND EACH PLANT TO PREVENT THE SMALL PLANTS FROM DRYING OUT (PROVIDE 8" RADIUS WOOD MULCH RING WHEN PLANTING IN NATIVE GRASS AREAS)

PLANTING BED SOIL- AMENDED PER SPECIFICATIONS

UNLESS A FORMAL PATTERN IS CALLED FOR, PLACE PLANTS AROUND THE PERIMETER OF THE PLANTING AREA FIRST, THEN FILL IN THE CENTER RANDOMLY AND AVOID CREATING "ROWS"

NOTE: IF INDIVIDUAL PLANT LOCATIONS ARE NOT SHOWN ON THE LANDSCAPE PLAN, SPACE PLANTS AT THE O.C. SPACING SHOWN ON THE LANDSCAPE PLANT LIST

PLAN SET INDEX

SHEET	NAME
66.0	LANDOGADE GOVED GUEET & DUANT LIGT
C6.0	LANDSCAPE COVER SHEET & PLANT LIST
C6.1	LANDSCAPE PLAN
C6.2	IRRIGATION PLAN
C6.3	IRRIGATION DETAILS

GENERAL LANDSCAPE NOTES

1. ALL PLANTING BED AREAS SHALL BE MULCHED WITH 1-1/2" GRAY ROSE MULTI-COLORED RIVER ROCK, AT A DEPTH OF 3", INSTALLED OVER PERMEABLE WEED BARRIER FABRIC. DO NOT INSTALL EDGING BETWEEN COBBLE ROCK MULCH AND ROCK MULCH AREAS.

2. WHERE INDICATED ON THE LANDSCAPE PLANS, ALL OTHER PLANTING BEDS SHALL BE MULCHED WITH 2-12" SIZE COBBLE ROCK MULCH ("GRAY ROSE" COLOR, FILL GAPS WITH 3/4" ROCK OR PEA GRAVEL OF SIMILAR COLOR TO COBBLE) OVER PERMEABLE WEED BARRIER FABRIC. NO FABRIC SHALL BE VISIBLE THROUGH THE MULCH OR AT THE EDGES OF BEDS. DO NOT INSTALL EDGING BETWEEN COBBLE ROCK MULCH AND ROCK MULCH AREAS.

3. SOD EDGER SHALL BE 14 GAUGE ROLLED TOP STEEL EDGING (DARK GREEN COLOR) IN THE LOCATIONS SHOWN ON THE PLANS. EDGER IS NOT REQUIRED WHERE SOD ABUTS CONCRETE.

4. ALL AREAS TO BE LANDSCAPED SHALL HAVE ORGANIC AMENDMENTS THOROUGHLY INCORPORATED INTO THE SOIL AT A RATE OF 5 CUBIC YARDS PER 1,000 SQUARE FEET, AND TILLED TO A DEPTH OF 6 INCHES.

5. ALL SOD AREAS, BED AREAS, AND LANDSCAPE AREAS SHALL BE FINE GRADED PRIOR TO INSTALLATION OF NEW PLANT MATERIAL. ROCKS, WOOD, AND ANY MATERIAL LARGER THAN 1" IN DIAMETER SHALL BE REMOVED FROM ALL PLANTING AREAS PRIOR TO SODDING AND PLANTING NEW MATERIALS.

6. EXISTING TURF, SHRUBS, TREES, AND PLANT MATERIAL TO BE REMOVED SHALL BE FULLY REMOVED FROM THE SITE, INCLUDING ALL ROOTS.

7. ALL LANDSCAPED AREAS SHALL BE WATERED BY A FULLY AUTOMATIC UNDERGROUND IRRIGATION SYSTEM.

8. SOD AREAS SHALL BE ZONED SEPARATELY THAN BEDS, AND SHALL BE IRRIGATED VIA POP-UP SPRAY HEADS PROVIDING FULL (HEAD TO HEAD) COVERAGE. HEADS SHALL BE COMMERCIAL GRADE WITH REPLACEABLE NOZZLES, PRESSURE REGULATORS, AND CHECK VALVES.

9. BED AREAS SHALL BE ZONED SEPARATELY THAN SOD AREAS, AND SHALL BE IRRIGATED BY INDIVIDUAL DRIP EMITTERS TO EACH PLANT. DRIP COMPONENTS SHALL BE COMMERCIAL GRADE RAIN-BIRD OR EQUAL POINT SOURCE EMITTERS, WITH ALL PLANTS RECEIVING IRRIGATION.

ROADWAY LANDSCAPE REQUIREMENTS

LANDSCAPE AREA	DEPTH OF LS AREA REQUIRED	DEPTH OF LS AREA PROVIDED	TREES REQUIRED	TREES PROVIDED
NORTH GATE BLVD. (195 LF)	25 FEET	44 FEET	1 TREE/20 FEET = 195 / 20 = 10 TREES	10
STRUTHERS ROAD (253 LF)	10 FEET	40 FEET	1 TREE/30 FEET = 253 / 30 = 9 TREES	9

Evergreen requirement is not shown required / provided

Provide the shrub count. 2/3 of the linear footage of parking from all boundaries is required It appears to be depicted on the plan but not accounted for

in the table.

1) DUE TO SEVERAL EASEMENTS AND UTILITIES, TREES HAVE BEEN CLUSTERED AND LOCATED WITHIN 50 FEET OF ROAD ROW, INSTEAD OF THE MINIMUM.

PARKING LOT LANDSCAPE REQUIREMENTS

LANDSCAPE AREA	TREES REQUIRED (2 PER ISLANDS THE SIZE OF 2 SPACES)	TREES PROVIDED	SHRUBS REQUIRED (10 PER ISLANDS THE SIZE OF 2 SPACES)	SHRUBS PROVIDED
PARKING LOT ISLANDS (2 TOTAL)	2 (ISLANDS ARE ONLY THE SIZE OF 1 SPACE)	2	10 (ISLANDS ARE ONLY THE SIZE OF 1 SPACE OR LESS)	10

INTERNAL LANDSCAPING REQUIREMENTS

GROSS SITE AREA	MINIMUM LANDSCAPE AREA REQUIRED (5%)	LANDSCAPE AREA PROVIDED	MIN. TREES REQ'D (1 TREE / 500 SF OF REQ'D LS AREA)	TREES PROVIDED
57,067 S.F.	2,853 S.F.	24,494 S.F.	2,853 SF / 500 = 6 TREES	10

1) THE INTERNAL LANDSCAPING TREE COUNT DOES NOT REFLECT TREES PREVIOUSLY COUNTED IN OTHER LANDSCAPE REQUIREMENT CATEGORIES.

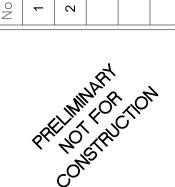
Add Buffer Required pg 6-8 and 9 Buffer between non-residential and residential zoning districts (Residential Apartments across way)



Know what's **below**.

CALL UTILITY NOTIFICATION CENTER OF COLORADO

CALL 3-BUSINESS DAYS (NOT INCLUDING INITIAL DAY OF CONTACT) IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF Call before you dig. UNDERGROUND MEMBER UTILITIES.







PROJECT NO: 7EL024.01 DESIGNED BY: DRAWN BY: DATE: 12/05/17

C6.0

SHEET 12 OF 16

PROPERTY LINE -

ROCK MULCH

MONUMENT SIGN

ROCK MULCH

Asphalt verses concrete label on all

ROCK MULCH -

Label sidewalk and width on all

RETAINING WALL (SEE CIVIL SHEETS)

PROPERTY LINE

PROPOSED TRAIL BY OTHERS

STEEL EDGER

LANDSCAPE -BOULDER (TYP.)

ROCK MULCH

COBBLE MULCH -

ROCK MULCH

PROPOSED

BUILDING

COBBLE MULCH -

Label all landscape (from curb) & building setbacks and show line work for all boundaries

ADJACENT PROPERTY FOR

FUTURE DEVELOPMENT

ADA Pedestrian ramp- sidewalk continues until

south along their frontage. All sheets.

ROCK MULCH -

Lacel all landscape setbacks and show

ADJACENT PROPERTY FOR

FUTURE DEVELOPMENT

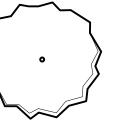
ROCK MULCH COBBLE MULCH PROPERTY LINE -

access drive. Lot to west will place sidewalk to the

Identify the No., species and category that each plan is counting towards. (Sample Provided _(Starbucks Academy Gateway approved landscape sheets 1 and 2 under uploaded files additional)

LANDSCAPE LEGEND

(SEE SHEET 6.0 FOR FULL PLANT LIST)



DECIDUOUS SHADE TREES



SIGHT TRIANGLE

- STEEL EDGER

PROPOSED TRAIL BY OTHERS

Identify the width of trail corridor through the 7-11 property

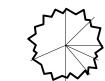
STEEL EDGER

- ROCK MULCH

- LANDSCAPE BOULDER (TYP.)

- COBBLE MULCH

ORNAMENTAL TREES



EVERGREEN TREES



DECIDUOUS SHRUBS



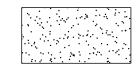
EVERGREEN SHRUBS



ORNAMENTAL GRASSES



LARGE PERENNIALS





COBBLE MULCH

S - 0





PROJECT NO: 7EL024.01 DESIGNED BY: DRAWN BY:

12/05/17 C6.1 SHEET 13 OF 16

CALL UTILITY NOTIFICATION CENTER OF COLORADO CALL 3-BUSINESS DAYS (NOT INCLUDING INITIAL DAY OF CONTACT) IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.





IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	<u>P</u>
(a) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	Rain Bird 1806-U-SAM-PRS U10 Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating.	39	3
8 08HE-VAN 12 12HE-VAN 10 10HE-VAN 15 15HE-VAN	Rain Bird 1806-U-SAM-PRS ADJ Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating.	8	3
	Hunter MP1000 PROS-06-PRS40-CV Turf Rotator, 6" (15.24 cm) pop-up with check valve, pressure regulated to 40 psi (2.76 bar), MP Rotator nozzle on PRS40 body. M=Maroon adj arc 90 to 210, L=Light Blue 210 to 270 arc, O=Olive 360 arc.	28	4
K G R	Hunter MP2000 PROS-06-PRS40-CV Turf Rotator, 6" (15.24 cm) pop-up with factory installed check valve, pressure regulated to 40 psi (2.76 bar), MP Rotator nozzle on PRS40 body. K=Black adj arc 90-210, G=Green adj arc 210-270, R=Red 360 arc.	13	4
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION		
×	Rain Bird XCZ-100-PRF Medium Flow Drip Control Kit, 1" DV valve, 1" pressure regulating filter, 40psi pressure regulator. 3gpm - 15gpm.		
Ф	Rain Bird MDCFCAP Dripline Flush Valve cap in compression fitting coupler.		
♀ ♥ 0.5 1.0 2.0	Rain Bird XB-PC Single Outlet Emitter Single Outlet, Pressure Compensating Drip Emitters. Flow rates of 0.5gph=blue, 1.0gph=black, and 2.0gph=red. Comes with a self-piercing barb inlet x barb outlet. Refer to drip emitter schedule for type and quantity of emitter for each plant.		
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	Rain Bird 100-HV-MB Electric Remote Control Valve 1" with Male x Barb Configuration.	5	
	Rain Bird 44-RC 1" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Thermoplastic Rubber Cover, and 2-Piece Body.	1	
M	Matco-Norca 770S PVC White Ball Valve for Sch 40 and Sch 80 Pipe, solvent slip ends with "T" Handle, same size as mainline. 1/2" to 4".	1	
BF	Febco 825Y 1" Reduced Pressure Backflow Preventer	1	
C	Rain Bird ESP4ME with (1) ESP-SM3 7 Station, Hybrid Modular Outdoor Controller. For Residential or Light Commercial Applications.	1	
	Irrigation Lateral Line: CPVC Schedule 40	1,072 l.f.	
	Irrigation Mainline: PVC Schedule 40	181.8 l.f.	
·	Pipe Sleeve: PVC Class 200 Typical pipe sleeve for irrigation pipe. Pipe sleeve size shall allow for irrigation piping and their related couplings to easily slide through sleeving material. Extend sleeves 18 inches beyond edges of paving or construction.	152.1 l.f.	
/ \ "	Valve Number		
/ # ◆ \ # •	Valve Flow		

IRRIGATION NOTES

1. SOD AREAS SHALL BE ZONED SEPARATELY THAN BEDS, AND SHALL BE IRRIGATED VIA 4" POP-UP SPRAY HEADS PROVIDING FULL (HEAD TO HEAD) COVERAGE. HEADS SHALL BE COMMERCIAL GRADE WITH REPLACEABLE NOZZLES, PRESSURE REGULATORS, AND CHECK VALVES.

2. BED AREAS SHALL BE ZONED SEPARATELY THAN SOD AREAS, AND SHALL BE IRRIGATED BY INDIVIDUAL DRIP EMITTERS TO EACH PLANT. DRIP COMPONENTS SHALL BE COMMERCIAL GRADE RAIN-BIRD OR EQUAL POINT SOURCE EMITTERS, WITH ALL PLANTS RECEIVING IRRIGATION.

3. REFER TO "IRRIGATION DRIP EMITTER SCHEDULE" IN THIS DRAWING SET FOR QUANTITIES AND SIZES OF DRIP EMITTERS DEPENDING ON THE WATER NEEDS OF EACH PARTICULAR PLANT.

- 4. VALVES AND VALVE BOXES SHALL BE COMMERCIAL GRADE WITH PRESSURE REDUCING VALVES USED FOR ALL DRIP ZONES.
- 5. CONTRACTOR SHALL INSTALL A NEW IRRIGATION CONTROLLER FOR THESE IMPROVEMENTS (SEE LOCATION ON PLANS).
- 6. CONTRACTOR SHALL INSTALL A NEW IRRIGATION BACKFLOW PREVENTER FOR THESE IMPROVEMENTS (SEE LOCATION ON
- 7. CONTRACTOR SHALL VERIFY WATER PRESSURE AND FLOW AVAILABLE FOR THE IRRIGATION SYSTEM, AND SHALL NOTIFY THE LANDSCAPE ARCHITECT AND OWNER IMMEDIATELY IF PRESSURE OR FLOW IS INADEQUATE.
- 8. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL SLEEVING REQUIRED FOR IRRIGATION. CONTRACTOR SHOULD COORDINATE WITH THOSE INSTALLING FLATWORK, TO AVOID BORING UNDER WALKS, IF POSSIBLE. CONTRACTOR SHALL INCLUDE IN THEIR BID, ALL COSTS ASSOCIATED WITH LOCATING, EXPOSING, AND BACKFILLING SLEEVES UP TO, AND INCLUDING, A DEPTH OF 60 INCHES.
- 9. INSTALL (1) 4" CLASS 200 PVC SLEEVE AND (1) 2" CLASS 200 PVC SLEEVE SIDE BY SIDE AT ALL VEHICLE DRIVE CROSSINGS. INSTALL (1) 4" CLASS 200 PVC SLEEVE AT ALL SIDEWALK CROSSINGS. DEPTH OF SLEEVES SHALL BE 24" MIN.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY OF THEIR TRENCHES OR EXCAVATIONS THAT SETTLE.
- 11. THE CONTRACTOR SHALL SET THE IRRIGATION CLOCK FOR A TWO-WEEK ESTABLISHMENT PERIOD FOR THE PLANTS. CONTRACTOR IS RESPONSIBLE TO RE-SET THE CLOCK FOR NORMAL OPERATION FOR THE REMAINING SEASON AFTER THE TWO WEEK ESTABLISHMENT PERIOD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEAD PLANT MATERIAL RESULTING FROM OVER WATERING.

12. THE PLANT MATERIALS SPECIFIED FOR THIS PROJECT ARE MOSTLY LOW WATER-USE PLANTS. THE CONTRACTOR SHALL CONSULT WITH THE OWNER, AND THE LANDSCAPE ARCHITECT IF POSSIBLE, PRIOR TO SETTING THE CLOCK FOR IRRIGATION TIMES AFTER THE TWO WEEK ESTABLISHMENT PERIOD.





CALL UTILITY NOTIFICATION CENTER OF COLORADO DAY OF CONTACT) IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF

UNDERGROUND MEMBER UTILITIES.



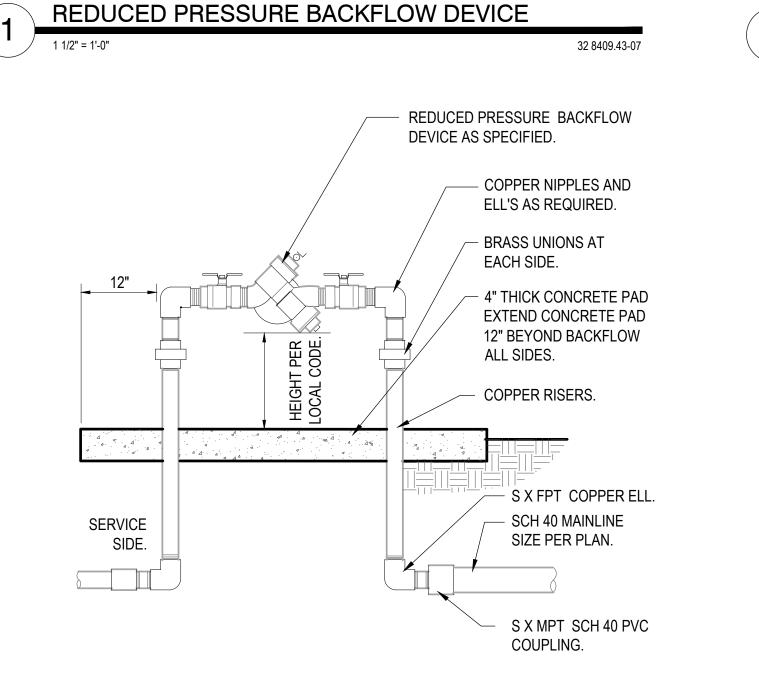




PROJECT NO: 7EL024.01 DESIGNED BY: DRAWN BY: 12/05/17

C6.2 SHEET 14 OF 16

OUTDOOR DESIGN GROUP, INC. 5690 WEBSTER STREET ARVADA, CO 80002



4" TO CURB

½" POLYETHYLENE FLEXIBLE

TUBING LENGTH AS REQUIRED.

OR WALK

TURF POP UP FLEX ASSEMBLY

TURF POP UP HEAD.

⅓" MARLEX

STREET ELL

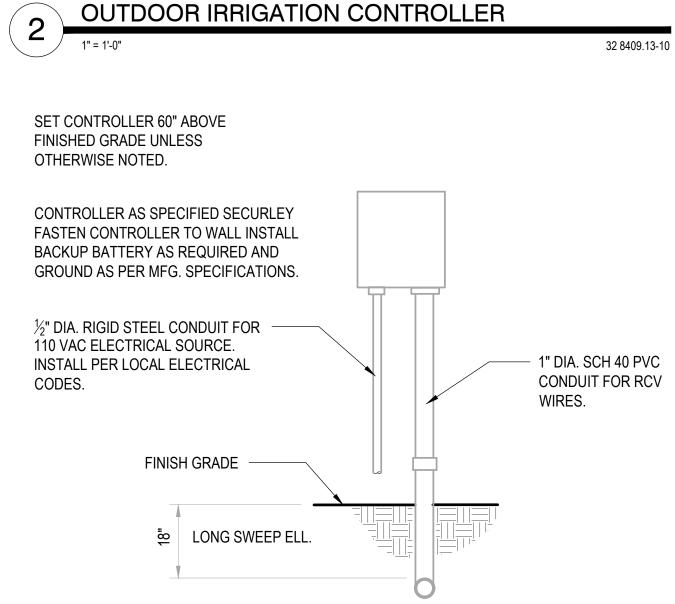
OR ELL.

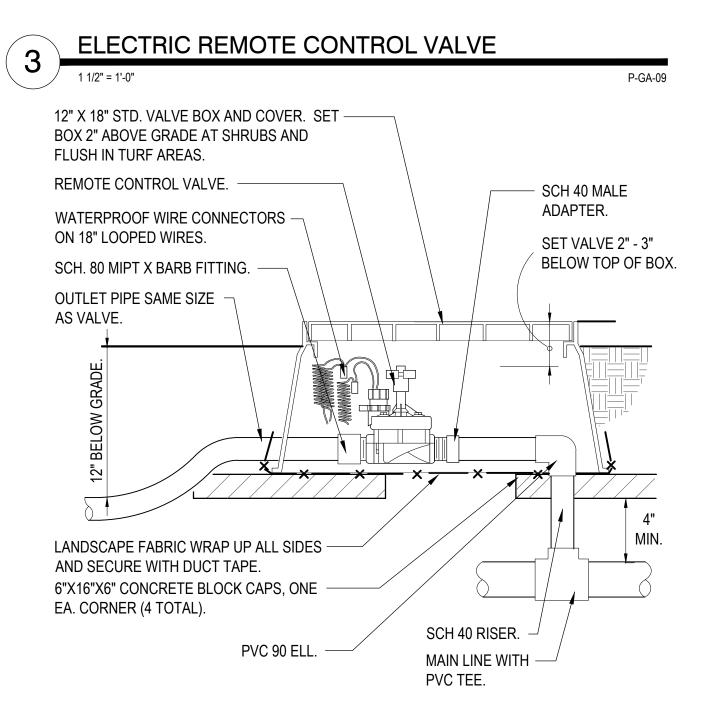
BARB ELL X MIPT.

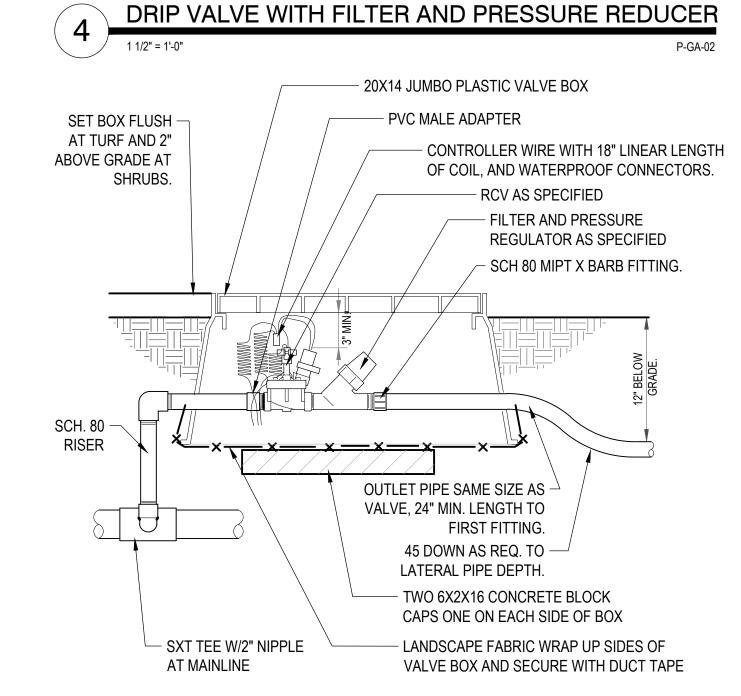
- LATERAL LINE.

BARB ELL X MIPT.

IRRIGATION SLEEVE







IRRIGATION PIPE TRENCH

FINISHED

DIRECT BURY IRRIGATION

CONTROL WIRES

GRADE



P-GA-05

NON PRESSURIZED

DETECTABLE LOCATOR

PRESSURIZED LINE

(MAINLINE)

TAPE. (WHERE REQUIRED)

LINE (LATERAL)

PAVEMENT

24" min.







S - 2

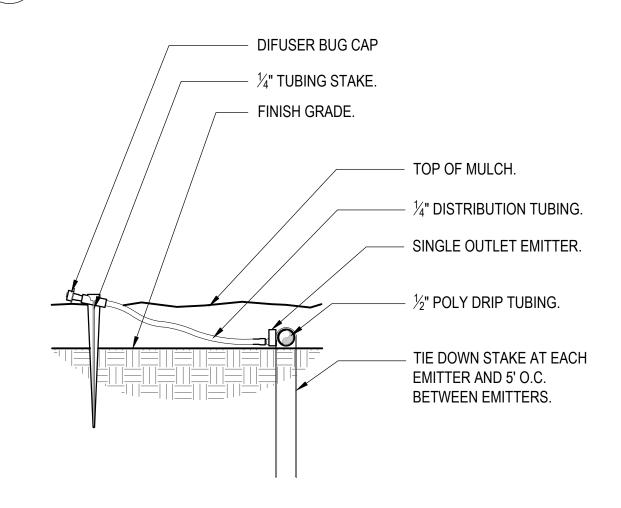


DESIGNED BY: DRAWN BY:

PROJECT NO: 7EL024.01 12/05/17 DATE: C6.3

SHEET 15 OF 16

DRIP EMITTER AT 1/4" TUBING



WHEN PLANTING ON SLOPE PLACE EMITTERS ON UP HILL SIDE OF WHEN EMITTER SCHEDULE CALLS FOR MULTIPLE EMITTERS SPACE EVENLY AROUND ROOT BALL.

QUICK COUPLING VALVE IN BOX

10" DIAMETER VALVE BOX. COIL 24" TO 30" OF DRIP TUBING IN THE BOX. $\sim \frac{1}{2}$ " DRIP TUBING TO $\frac{3}{4}$ " FPT ADAPTER. - FLUSH VALVE AS SPECIFIED. SET VALVE BOX 2" ABOVE FINISHED $-\frac{1}{2}$ " DRIP TUBING. GRADE OF SHRUB AREA. 4" THICK LAYER OF WASHED GRAVEL. THE BOX SHALL REST UPON THE ROCK BED. DO NOT EXTEND GRAVEL INTO BOX.

DRIP FLUSH VALVE

IRRIGATION DRIP EMITTER SCHEDULE

PLANT TYPE	WATER	COMMERCIAL	QTY. PER
	REQUIREMENT *	EMITTER SIZE	PLANT
TREES	LOW	1.0 GPH	2
	MEDIUM	2.0 GPH	3
	HIGH	2.0 GPH	5
SHRUBS	VERY LOW	0.5 GPH	1
	LOW	0.5 GPH	2
	MEDIUM	1.0 GPH	2
	HIGH	2.0 GPH	2
ORNAMENTAL GRASSES & PERENNIALS	VERY LOW LOW MEDIUM HIGH	0.5 GPH 0.5 GPH 1.0 GPH 1.0 GPH	1 1 1 2

* PER WATER REQUIREMENTS FOR EACH PLANT LISTED IN THE PLANT LIST ON SHEET L1 DRIP EMITTER NOTES:

- 1) INSTALL EMITTERS ON OPPOSING SIDES OF ROOTBALL. SPACE EMITTERS EQUALLY AROUND ROOT BALL. 2) EMITTERS ARE TO BE INSTALLED TO BE ABOVE THE SURFACE OF THE SOIL, AT A
- 3) FLUSH ALL LINES THOROUGHLY, INCLUDING EMITTER MICRO-TUBING PRIOR TO EMITTER INSTALLATION. 4) IF PLANTING ON A 4:1 SLOPE OR STEEPER, INSTALL BOTH EMITTERS ON UPHILL SIDE OF
- COMPENSATING TYPE UNLESS NOTED OTHERWISE WITHIN TECHNICAL SPECIFICATIONS.

6) INSTALL CHECK VALVES WHERE NECESSARY TO PREVENT DRAINAGE OUT OF THE LOWEST EMITTERS.

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Know what's below.

Call before you dig.

1. SEE IRRIGATION LEGEND FOR MAINLINE AND LATER LINE PIPE SIZE AND TYPE.

2. DIRECT BURIAL CONTROL WIRES SHALL BE INSTALLED IN SCH. 40 PVC CONDUIT WHERE

3. TWO WIRE IRRIGATION WIRE SHALL BE INSTALLED IN SCH. 40 PVC ELECTRICAL CONDUIT.

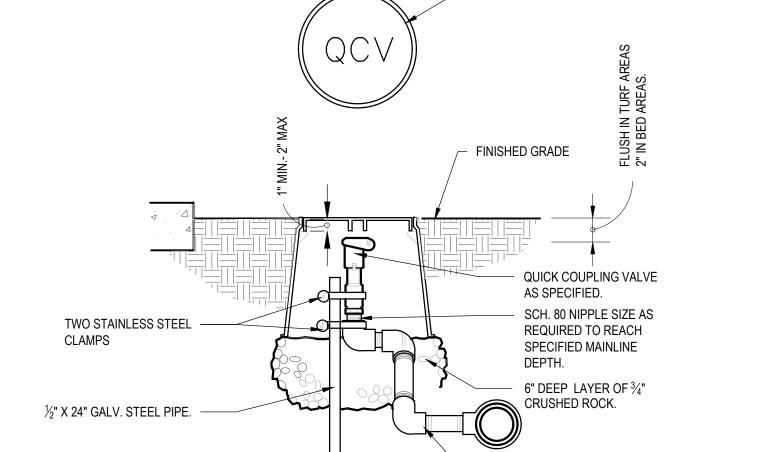
4. DETECTABLE LOCATOR TAPE SHALL BE LOCATED SIX INCHES (6") ABOVE THE ENTIRE MAINLINE.

CALL UTILITY NOTIFICATION CENTER OF COLORADO CALL 3-BUSINESS DAYS (NOT INCLUDING INITIAL DAY OF CONTACT) IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF

UNDERGROUND MEMBER UTILITIES.

INSTALL WOOD STAKES TO MARK BOTH ENDS OF SLEEVE **CURB AND GUTTER** (IF APPLICABLE) **ROUGH GRADE** PAVED SURFACE -PVC SLEEVE (TYP.) SEAL BOTH ENDS OF SLEEVE WITH CLOTH DUCT TAPE.

- 1.) ALL SLEEVES TO BE SCH. 40 SOLVENT WELD PVC SIZE AS NOTED.
- 2.) INSTALL SLEEVES IN SIDE BY CONFIGURATION AT MULTIPLE SLEEVE LOCATIONS. (DO NOT VERTICALLY STACK SLEEVES).
- 3.) BACKFILL AND COMPACTION SHALL CONFORM TO ROAD CONSTRUCTION STANDARDS.



DETAIL-FILE

10" DIAMETER VALVE BOX

RAIN BIRD TSJ-12 SWING

ASSEMBLY.

PLANT TYPE	WATER	COMMERCIAL	QTY. PER
	REQUIREMENT *	EMITTER SIZE	PLANT
TREES	LOW	1.0 GPH	2
	MEDIUM	2.0 GPH	3
	HIGH	2.0 GPH	5
SHRUBS	VERY LOW	0.5 GPH	1
	LOW	0.5 GPH	2
	MEDIUM	1.0 GPH	2
	HIGH	2.0 GPH	2
ORNAMENTAL GRASSES & PERENNIALS	VERY LOW LOW MEDIUM HIGH	0.5 GPH 0.5 GPH 1.0 GPH 1.0 GPH	1 1 1 2

- MINIMUM DISTANCE OF 1" AND A MAXIMUM DISTANCE OF 2" ABOVE SOIL SURFACE.
- 5) EMITTERS SHALL BE SELF-FLUSHING, PRESSURE



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TO STATE OF THE PROPERTY OF TH	Subject: Callout Page Label: 1 Lock: Unlocked Status: Checkmark: Unchecked Author: dsdparsons Date: 12/18/2017 10:20:33 AM Color:	Provide the shrub count. 2/3 of the linear footage of parking from all boundaries is required. It appears to be depicted on the plan but not accounted for in the table.
10 10 10 10 10 10 10 10 10 10 10 10 10 1	Subject: Callout Page Label: 1 Lock: Unlocked Status: Checkmark: Unchecked Author: dsdparsons Date: 12/18/2017 11:29:09 AM Color:	Add Buffer Required pg 6-8 and 9 Buffer between non-residential and residential zoning districts (Residential Apartments across way)



Subject: Callout Page Label: 2

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Subject: Image Page Label: 2 Lock: Unlocked

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Asphalt verses concrete label on all sheets

Identify the width of trail corridor through the 7-11

property

Identify the No., species and category that each plan is counting towards. (Sample Provided _(Starbucks Academy Gateway approved landscape sheets 1 and 2 under uploaded files

additional)

Label all landscape (from curb) & building setbacks

and show line work for all boundaries

Label sidewalk and width on all sheets



Subject: Callout Page Label: 2 Lock: Unlocked

Status:

Checkmark: Unchecked **Author:** dsdparsons

Date: 12/18/2017 10:30:11 AM

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Label all landscape setbacks and show line work for all boundaries

Subject: Callout Page Label: 2 Lock: Unlocked

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ADA Pedestrian ramp- sidewalk continues until access drive. Lot to west will place sidewalk to the south along their frontage. All sheets.