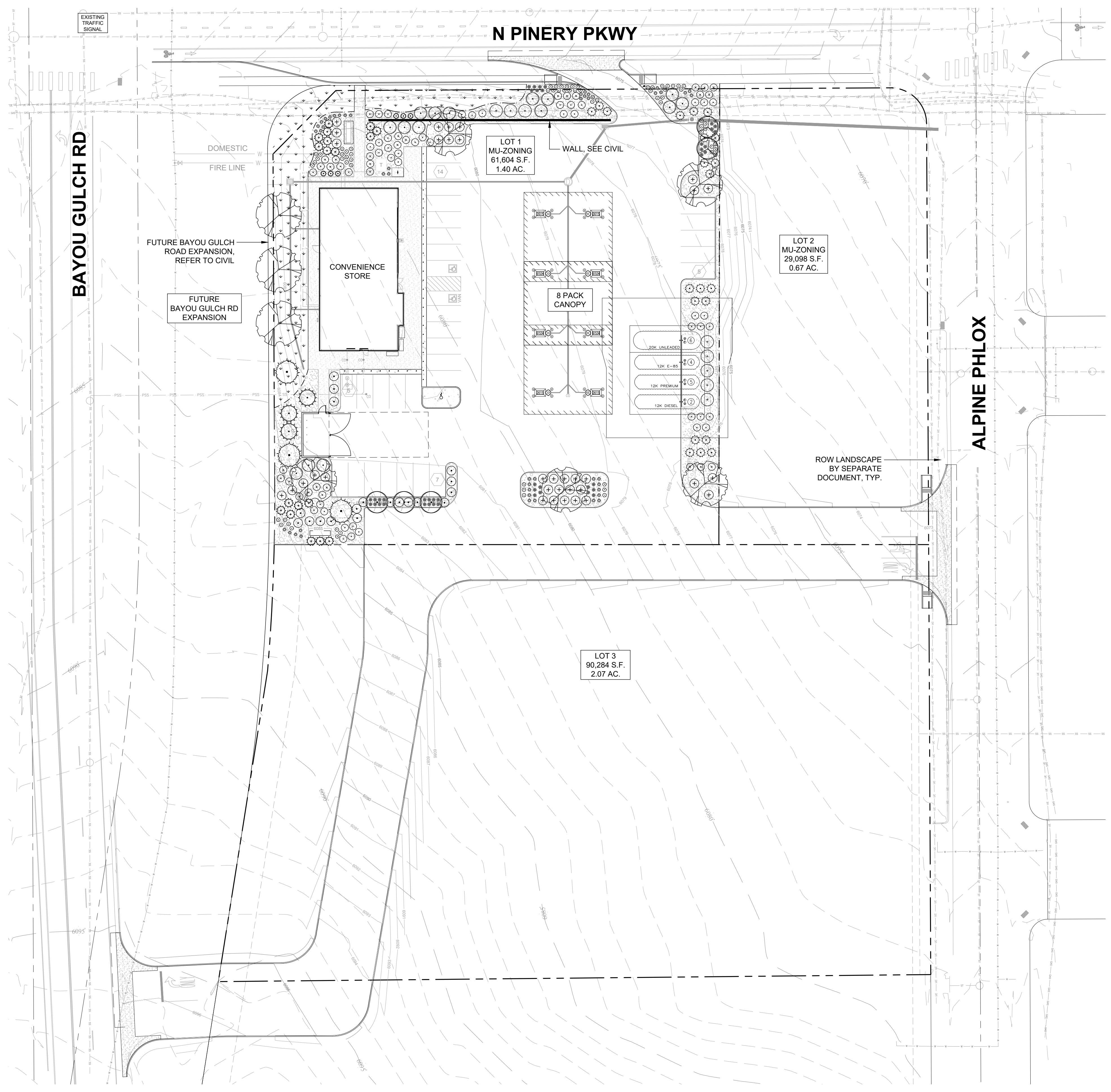


X:\DROPOBOX\VALERIAN\TEAM FOLDER\PROJECTS\22-04 EES PINERY PKWY K&G 22832\WORKING\2022-09-23 SUBMITTAL_151222-04_L1_LANDSCAPE PLAN.DWG



LEGEND

- DECIDUOUS TREE
- EVERGREEN TREE
- ORNAMENTAL TREE
- DECIDUOUS SHRUBS
- EVERGREEN SHRUBS
- ORNAMENTAL GRASS
- PERENNIALS
- NATIVE SEED MIX
- 1" CHIPPED GRANITE ROCK MULCH
- LANDSCAPE EDGER

INTERNAL LANDSCAPE

NET SITE AREA	LANDSCAPE AREA			% LIVE COVER		
	REQUIRED 15%	PROVIDED	SURPLUS/ DEFICIT	REQUIRED (75%)	PROVIDED	SURPLUS/ DEFICIT
61,608 SF	9,241 SF	15,315 SF	+6,074 SF	11,871 SF	12,451 SF	+580 SF

TREE REQUIREMENT 1/1500 SF			SHRUB REQUIREMENT 5/1500 SF		
REQUIRED	PROVIDED	SURPLUS/ DEFICIT	REQUIRED	PROVIDED	SURPLUS/ DEFICIT
6	9	+3	31	196	+165

	REQUIRED	PROVIDED
TOTAL TREES/TE'S	6	9
TOTAL SHRUBS	31	196
TOTAL GRASSES	NA	88
TOTAL PERENNIALS	NA	68

EVERGREEN TREE REQUIREMENT - OVERALL SITE

MINIMUM EVERGREEN REQ.	25%	
NUMBER OF TREES	REQUIRED	PROVIDED
19 TOTAL	5	6

TURF

MAXIMUM ALLOWED	1,386 SF - 15%
PROVIDED	0 SF - 0%

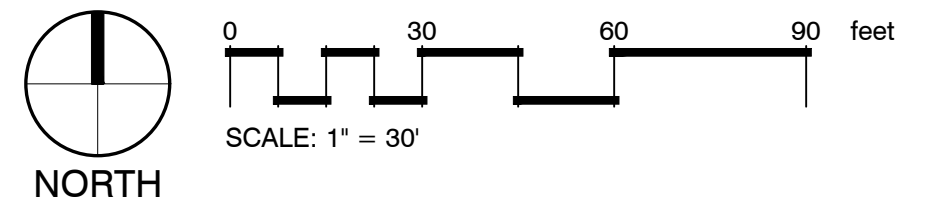
PARKING LOT PERIMETER BUFFER

REQUIRED	10' BUFFER
PROVIDED	10'+ BUFFER

STREETSCAPE

LOCATION	LENGTH	TREE REQUIREMENT 1/40 LF		
		REQUIRED	PROVIDED	SURPLUS/ DEFICIT
BAYOU GULCH	255	7	10	+3

1 LANDSCAPE PLAN



VALERIAN
Landscape Architecture | Urban Design
Irrigation Design | Planning
970 Yuma Street | Suite 130 | Denver, CO 80204

EES
ENGINEERING AND
SOLUTIONS, INC.
501 S Cherry St, Suite 300
Glendale, CO 80246
303-572-7997 www.ees.us.com

1459 Grand Ave
Des Moines, IA 50309
P: 888-458-6646

SITE PLAN
2293 - KUM AND GO - PARKER, CO
NEC OF BAYOU GULCH RD AND PINERY PKWY
LANDSCAPE PLAN

KG PROJECT TEAM: EES
RDM:
SDM:
CPM:

REVISION DESCRIPTION	DATE

DATE: 09-23-2022

SHEET NUMBER:
L1
5 OF 10

PLANT SCHEDULE

DECIDUOUS TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	FHT X SP
CASP	3	CATALPA SPECIOSA	WESTERN CATALPA	B & B	2.5" CAL	40' X 30'
CEOC	2	CELTIS OCCIDENTALIS	COMMON HACKBERRY	B & B	2.5" CAL	40' X 40'
GYKE	3	GYMNOCLADUS DIOICA	KENTUCKY COFFEETREE	B & B	2.5" CAL	60' X 40'
EVERGREEN TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	FHT X SP
ABCO	3	ABIES CONCOLOR	WHITE FIR	B & B	6" HT	40' X 20'
PIBA	3	PICEA PUNGENS 'BAKERI'	BLUE SPRUCE	B & B	6" HT	30' X 15'
ORNAMENTAL TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	FHT X SP
ATHW	3	ACER TATARICUM 'GARANN'	HOT WINGS TATARIAN MAPLE	B & B	2" CAL	20' X 20'
MARA	2	MALUS X 'RADIANT'	RADIANT CRAB APPLE	B & B	2" CAL	20' X 20'
DECIDUOUS SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HT X SP	
AMAR	15	AMELANCHIER ALNIFOLIA 'REGENT'	SASKATOON SERVICEBERRY	#5	8' X 8'	
CCDK	28	CARYOPTERIS X CLANDONENSIS 'DARK KNIGHT'	DARK KNIGHT BLUE MIST SPIREA	#5	4' X 4'	
PEAT	18	PEROVSKIA ATRIPLEXICIFOLIA	RUSSIAN SAGE	#5	4' X 4'	
PHOP	29	PHYSCARPUS OPULIFOLIUS 'LITTLE DEVIL'	DWARF NINEBARK	#5	4' X 4'	
PBPB	34	PRUNUS BESSEYI 'PAWNEE BUTTES'	PAWNEE BUTTES SAND CHERRY	#5	1.5' X 5'	
RAGL	19	RHUS AROMATICA 'GRO-LOW'	GRO LOW SUMAC	#5	2' X 5'	
SYRO	8	SYRINGA X PRESTONIAE 'ROYALTY'	ROYALTY PRESTON LILAC	#5	9' X 7'	
EVERGREEN SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HT X SP	
JUBL	18	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER	#5	1' X 6'	
JSCC	21	JUNIPERUS SABINA 'CALGARY CARPET'	CALGARY CARPET JUNIPER	#5	1' X 5'	
JSSR	6	JUNIPERUS SCOPULORUM 'SKYROCKET'	SKYROCKET JUNIPER	#5	15' X 3'	
ORNAMENTAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	CONT	HT X SP	
FGEB	19	FESTUCA GLAUCA 'ELIJAH BLUE'	ELIJAH BLUE FESCUE	#1	1' X 1'	
PEAH	26	PENNISETUM ALOPECUROIDES 'HAMELN'	HAMELN DWARF FOUNTAIN GRASS	#1	2' X 2'	
SCST	43	SCHIZACHYRIUM SCOPARIUM 'STANDING OVATION'	STANDING OVATION LITTLE BLUESTEM	#1	2' X 2'	
PERENNIALS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HT X SP	
CAIN	28	CALLIRHOE INVOLUCRATA	PURPLE POPPYMALLOW	#1	1' X 2'	
ECPU	40	ECHINACEA PURPUREA	CONEFLOWER	#1	3' X 2'	
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT @		
	4,695 SF		NATIVE SEED MIX	SEED		

GENERAL NOTES:

- VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK. BE AWARE OF ANY UNDERGROUND UTILITIES. PROTECT ALL EXISTING SITE FEATURES TO REMAIN FROM POTENTIAL DAMAGE BY SITE CONSTRUCTION OPERATIONS. AVOID ANY WORK BEYOND SCOPE OF PROJECT AREA.
- COORDINATE ALL DISCIPLINES AND SITE CONSTRUCTION THAT WILL BE NEEDED TO COMPLETE THE PROJECT IN THE TIME FRAME GIVEN AND WITHIN BUDGET. ALL ACCESS TO SITE, USE OF UTILITIES, STORAGE, AND OTHER REQUIREMENTS SHALL BE COORDINATED PRIOR TO BEGINNING WORK.
- CONTRACTOR IS RESPONSIBLE TO INSPECT AND CONFIRM SITE CONDITIONS PRIOR TO BEGINNING WORK. COMMENCEMENT OF WORK SHALL SIGNIFY ALL CONDITIONS ARE ACCEPTABLE AND NO ALLOWANCE WILL BE MADE FOR UNRECOGNIZED CONDITIONS AFTER START OF WORK.
- NOTIFY OWNER/LANDSCAPE ARCHITECT IMMEDIATELY UPON DISCOVERY OF UNFORESEEN SITE CONDITIONS OR PLAN DISCREPANCIES. NO CHANGE TO SPECIFIED WORK SHALL BE COMPLETED WITHOUT VERIFICATION OF EXISTING CONDITIONS AND WRITTEN APPROVAL OF MODIFICATION BY THE LANDSCAPE ARCHITECT.

CLEARING & GRADING:

- ALL CONSTRUCTION MUST BE IN ACCORDANCE WITH ALL APPLICABLE MUNICIPAL CODES AND DEVELOPMENT STANDARDS; UNIFORM BUILDING CODES; PERMIT CONDITIONS; AND ALL OTHER APPLICABLE CODES, ORDINANCES, STANDARDS, AND POLICIES.
- A COPY OF THE APPROVED PLANS MUST BE ON-SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY OTHER RELATED OR REQUIRED PERMITS PRIOR TO BEGINNING CONSTRUCTION.
- ALL LOCATIONS OF EXISTING UTILITIES HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD, THEREFORE, BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR (1) TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS AND (2) TO DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.

SOIL SPECIFICATIONS:

- ANY PLANTING AREA THAT DOES NOT MEET THE FOLLOWING SOIL PREPARATION REQUIREMENTS ARE SUBJECT TO REJECTION AT OWNER/OWNERS REPRESENTATIVES DISCRETION.
- LANDSCAPE CONTRACTOR IS REQUIRED TO NOTIFY OWNER/OWNERS REPRESENTATIVE A MINIMUM OF 24 HOURS PRIOR TO BEGINNING SOIL PREP WORK. SOIL PREP NOT INSPECTED BY OWNER/OWNERS REPRESENTATIVE IS SUBJECT TO REJECTION AT ANYTIME PRIOR TO INITIAL ACCEPTANCE.
- LANDSCAPE CONTRACTOR SHALL SUBMIT DELIVERY (TRIP) TICKETS TO OWNER/OWNERS REPRESENTATIVE FOR ALL ORGANIC SOIL AMENDMENTS WITHIN 24 HOURS AFTER DELIVERY.
- IMPORTED TOPSOIL SHALL BE FERTILE, FRIABLE, SANDY LOAM FROM THE 'A' HORIZON AND SHALL BE FREE OF STONES OVER .75" IN DIAMETER, REFUSE, PLANTS OR THEIR ROOTS, STICKY NOXIOUS WEEDS, SALTS, SOIL STERILANTS, OR OTHER MATERIAL WHICH WOULD BE DETRIMENTAL TO PLANT GROWTH.
- ORGANIC SOIL AMENDMENT SHALL CONSIST OF DRY, WELL-ROTTED, PULVERIZED, AGED MINIMUM ONE YEAR ORGANIC COMPOST CLASS 1 TYPE SUCH AS AVAILABLE FROM A-1 COMPOST, JENSEN SALES, PULVERIZED HORSE, SHEEP OR DAIRY COW MANURE **NOT ACCEPTABLE**. SUBMIT DATED RECENT MATERIAL ANALYSIS TO OWNER/OWNERS REPRESENTATIVE TO GUARANTEE PRODUCT CONDITION AND PROOF NO LIVE WEED SEEDS AND CHEMICAL ADDITIVES ARE PRESENT.
- SOIL PREPARATION FOR AREAS TO BE SODDED SHALL INCLUDE TOPSOIL AND ORGANIC MATTER ADDED AT A RATE OF FIVE CUBIC YARDS PER ONE THOUSAND SQUARE FEET AND TILLED EIGHT (8) INCHES INTO THE SOIL.
- PREPARED BACKFILL FOR TREE/SHRUB PLANTING SHALL BE A MIX OF 2/3 IMPORTED/ SALVAGED TOPSOIL AND 1/3 ORGANIC SOIL AMENDMENT. WHERE TREES AND SHRUBS ARE LOCATED IN LARGE BEDS PROVIDING SOIL AMENDMENT AT A RATE OF FIVE CUBIC YARDS PER ONE THOUSAND SQUARE FEET AND TILL EIGHT INCHES INTO THE SOIL THROUGHOUT THE ENTIRE PLANTING BED, NOT JUST IN EXCAVATED PLANTING HOLES.

PLANTING NOTES:

- LANDSCAPE CONTRACTOR SHALL LOCATE ALL TREES, SHRUBS AND PLANTING BEDS ACCORDING TO LOCATIONS SHOWN ON DRAWINGS. ALL PLANTING LOCATIONS SHALL BE SUBJECT TO REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO THE START OF PLANTING OPERATIONS. LANDSCAPE CONTRACTOR SHALL MAKE MODIFICATIONS IN LOCATIONS AS DIRECTED BY LANDSCAPE ARCHITECT.
- THE CONTRACTOR'S CONVENIENCE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS AND REPORTING IN WRITING TO THE LANDSCAPE ARCHITECT ANY CONFLICTS RELATIVE TO IMPLEMENTATION OF THE LANDSCAPE CONSTRUCTION DOCUMENTS. VALERIAN LLC SHALL NOT ASSUME ANY ERRORS OR OMISSIONS IN THE PLANT SCHEDULE LISTED HEREIN. THE PLANT SYMBOLS SHOWN ON THE LANDSCAPE PLAN SHALL PREVAIL SHOULD THERE BE ANY DISCREPANCIES IN QUANTITIES BETWEEN THE PLAN AND PLANT SCHEDULE.
- LANDSCAPE CONTRACTOR SHALL PROVIDE PLANT PROTECTION AND MAINTENANCE THROUGHOUT INSTALLATION AND UNTIL FINAL ACCEPTANCE OF LANDSCAPE INSTALLATION AS FOLLOWS:
 - ALL PLANT MATERIAL SHALL BE PROTECTED, FROM TIME OF DIGGING TO TIME OF FINAL ACCEPTANCE, FROM INJURY, EXCESSIVE DRYING FROM WINDS, IMPROPER VENTILATION, OVER-WATERING, FREEZING, HIGH TEMPERATURES, OR ANY OTHER CONDITION DAMAGING TO PLANTS.
 - PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY IF POSSIBLE. ALL PLANTS NOT PLANTED ON THE DAY OF DELIVERY SHALL BE PLACED IN A TEMPORARY NURSERY AND KEPT MOIST, SHADED, AND PROTECTED FROM THE SUN AND WIND. EACH ROOTBALL SHALL BE COVERED ENTIRELY WITH MULCH. ALL PLANT MATERIALS SHALL BE INSTALLED PER THE PLAN DRAWINGS AND SPECIFICATIONS.
 - LANDSCAPE CONTRACTOR SHALL PROVIDE PLANT MATERIALS THAT COMPLY WITH THE REQUIREMENTS OF THE MOST RECENT ANSI Z 60.1 "STANDARDS FOR NURSERY STOCK" UNLESS OTHERWISE SPECIFIED. CALIPER OF B&B TREES SHALL BE TAKEN 6 INCHES ABOVE THE GROUND UP TO AND INCLUDING 4 INCH CALIPER SIZE, AND 12 INCHES ABOVE THE GROUND FOR LARGER SIZES.
 - PLANTING MAINTENANCE SHALL INCLUDE WATERING, WEEDING, CULTIVATING, RESETTING PLANTS TO PROPER GRADES OR POSITION, REESTABLISHING SETTLED GRADES. HERBICIDE IS NOT RECOMMENDED FOR ONE YEAR FOLLOWING LANDSCAPE INSTALLATION.
 - PLANT MAINTENANCE SHALL INCLUDE THOSE OPERATIONS NECESSARY TO PROPER GROWTH AND SURVIVAL OF ALL PLANT MATERIALS. CONTRACTOR SHALL PROVIDE THIS WORK IN ADDITION TO SPECIFIC WARRANTY/GUARANTEES.
- CONTRACTOR SHALL VERIFY AND MAINTAIN ALL SETBACKS, CLEAR ZONES AND SIGHT TRIANGLES REQUIRED BY ALL LOCAL AND MUNICIPAL CODES WHERE APPLICABLE.
- LANDSCAPE CONTRACTOR SHALL ENSURE THAT THE LANDSCAPE INSTALLATION IS COORDINATED WITH THE PLANS PREPARED BY OTHER CONSULTANTS SO THAT THE PROPOSED GRADING, STORM DRAINAGE OR OTHER PROPOSED CONSTRUCTION DOES NOT CONFLICT WITH NOR PRECLUDE INSTALLATION AND MAINTENANCE OF LANDSCAPE ELEMENTS AS DESIGNATED ON THIS PLAN.
- ALL LANDSCAPE AREAS SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. THE SYSTEM SHALL BE PROPERLY ZONED TO SEPARATE PLANT MATERIAL BY WATER REQUIREMENT. ALL SHRUB BEDS AND TREES IN NATIVE SEED AREAS SHALL BE IRRIGATED BY USING LOW WATER/D RIP TECHNIQUES. ALL TURF AREAS SHALL BE IRRIGATED USING POP-UP SPRAY OR ROTOR APPLICATION.

EDGING:

- ALL LANDSCAPE EDGING TO BE 1/8"X4" 14 GAUGE GALVANIZED STEEL AS PER THE TOWN OF PARKER CONSTRUCTION SPECIFICATIONS AND DESIGN CONSIDERATIONS FOR PARKS, TRAILS, AND STREETS CAPES.

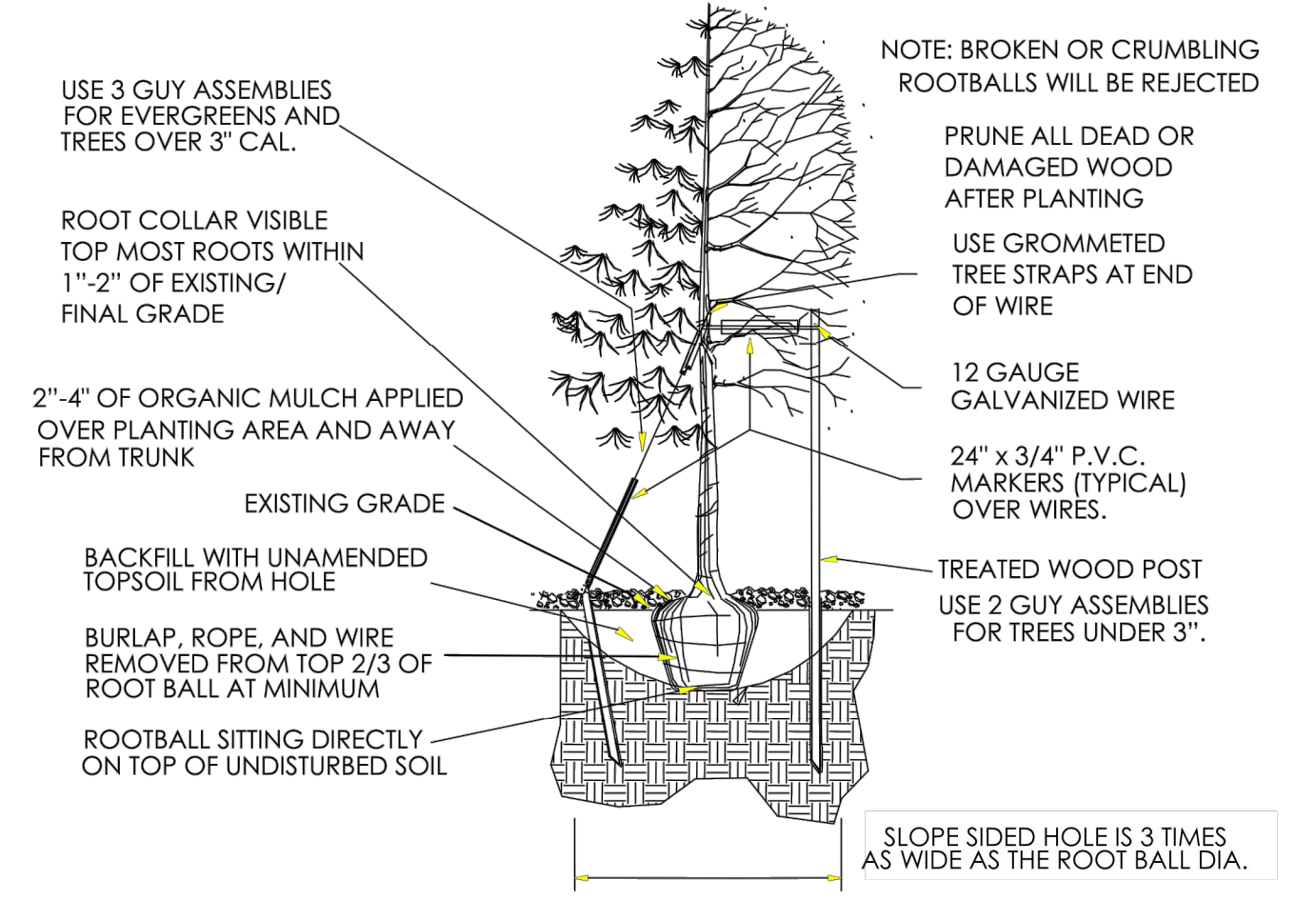
MULCH:

- PLANTING BEDS (AS SPECIFIED) SHALL CONTAIN 1" CHIPPED GRANITE MULCH AT A MINIMUM DEPTH OF 3" WITH A DOUBLE SHREDDED CEDAR MULCH RING AROUND EACH TREE, SHRUB, GRASS, AND PERENNIAL. WOOD MULCH RING SHALL BE 1.5X THE CONTAINER SIZE OF THE SHRUB, GRASS OR PERENNIAL. DEPRESS MULCH 2" BELOW SURROUNDING CURBS AND WALKS, PLACE WITH TIGHT JOINTS. TREE MULCH RING SHALL BE GREEN INDUSTRY STANDARD SIZE.
- GEOTEXTILE FABRIC (FILTER FABRIC) UNDERLAYMENT SHALL BE MIRAFI, MIRASCAPE, DUPONT TYPAR 3301 OR APPROVED EQUAL (SUBMIT SAMPLE).

NATIVE SEED:

- PREPARE NATIVE SEED AREAS BY INCORPORATING ORGANIC COMPOST AT A RATE OF THREE (3) CUBIC YARDS COMPOST AMENDMENT PER 1000 S.F.. RIP AMENDMENTS AND AMENDMENTS TO A MINIMUM DEPTH OF EIGHT (8) INCHES.
- FINE GRADE SEED AREAS TO ELIMINATE IRREGULARITIES ON THE SURFACE. ROLL OR PERFORM ADDITIONAL FINE GRADING. SEED AREAS BY MEANS OF APPROVED BROADCAST OR HYDRAULIC-TYPE SPREADERS. DO NOT SEED DURING WINDY WEATHER. MULCH SEEDED AREAS WITH GOOD CELLULOSE FIBER MULCH WITHIN 24 HOURS OF SEEDING. APPLY MULCH TACKIFIER AT RATE RECOMMENDED BY MANUFACTURER'S RECOMMENDATIONS.
- NATIVE SEED MIX TO BE 'PBSI NATIVE PRAIRIE MIX' AS SUPPLIED BY PAWNEE BUTTES SEED INC. OR APPROVED EQUAL. SEEDING RATE: 10 LBS/ACRE
 - SEED MIX TO BE AS FOLLOWS: BLUE GRAMA, BUFFALOGRASS, SIDEOTS GRAMA, WESTERN WHEATGRASS, GREEN NEEDLEGRASS, SAND DROPSSEED.

TOWN OF PARKER PLANTING STANDARDS

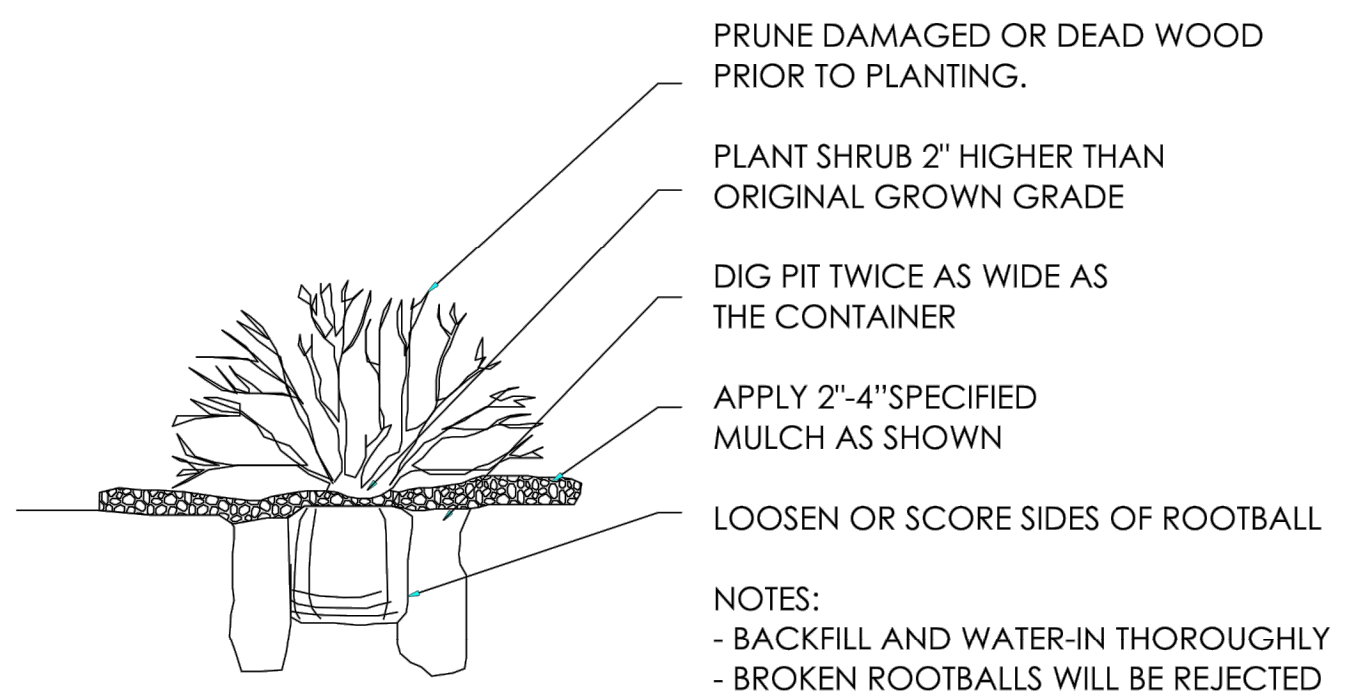


- Excavate planting holes with sloping sides. Make excavations at least three times as wide as the root ball diameter and no deeper than the distance from the top most roots in the root ball to the bottom of the root ball to allow for settling. Do not disturb soil at bottom of planting holes, but do score the sides of the planting hole. The planting area shall be loosened and aerated at least three times the diameter of the root ball. Backfill shall consist of existing on site topsoil - no amendments shall be used unless otherwise specified.
- Trees shall be planted with the root collar/flare visible above grade AND two or more structural roots located within the top 1" to 2" of the root ball/finished grade measured 3" to 4" from trunk. This includes trees that are set on slopes (see slope planting detail). Trees that do not have a visible root collar shall be rejected. Do not cover the root ball with soil.
- When root ball will remain intact, cut off bottom 1/4 of wire basket before placing tree in hole, cut off remainder of basket AFTER tree is set in hole, remove basket completely. At a minimum, the top 2/3 of the burlap and basket shall be removed from the root ball on all trees. Remove all nylon ties, twine, rope and burlap. Remove unnecessary packing material.
- Form soil into a 3" to 5" tall watering ring (saucer) around planting area. This is not necessary in irrigated turf areas. Apply 2" to 4" depth of specified mulch over planting area and inside saucers, away from trunk.
- Staking and guying of trees is optional in most planting situations. In areas of extreme winds, or on steep slopes, staking may be required to stabilize trees. Staking and guying must be removed within 1 year of planting date.
- Tree wrap is *not* to be used on any new plantings, except in late fall planting situations, and only then after consultation with the Town Arborist.
- Resetting of improperly planted trees will only be allowed if it is determined that doing so will in no way compromise the root ball, and shall only be done with approval of the Town Arborist.

1 DECIDUOUS TREE PLANTING - TOWN OF PARKER
N.T.S.

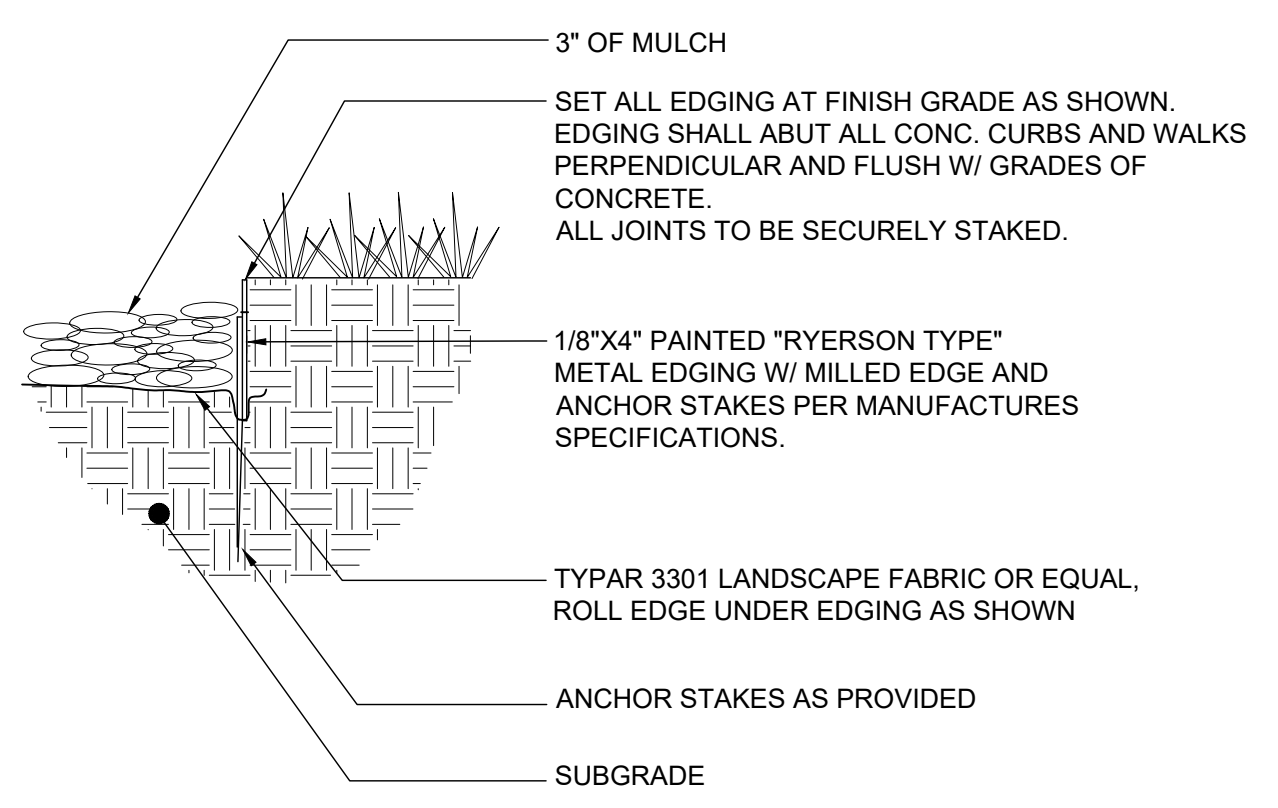
TOWN OF PARKER PLANTING STANDARDS

TOWN OF PARKER PLANTING DETAIL - SHRUBS

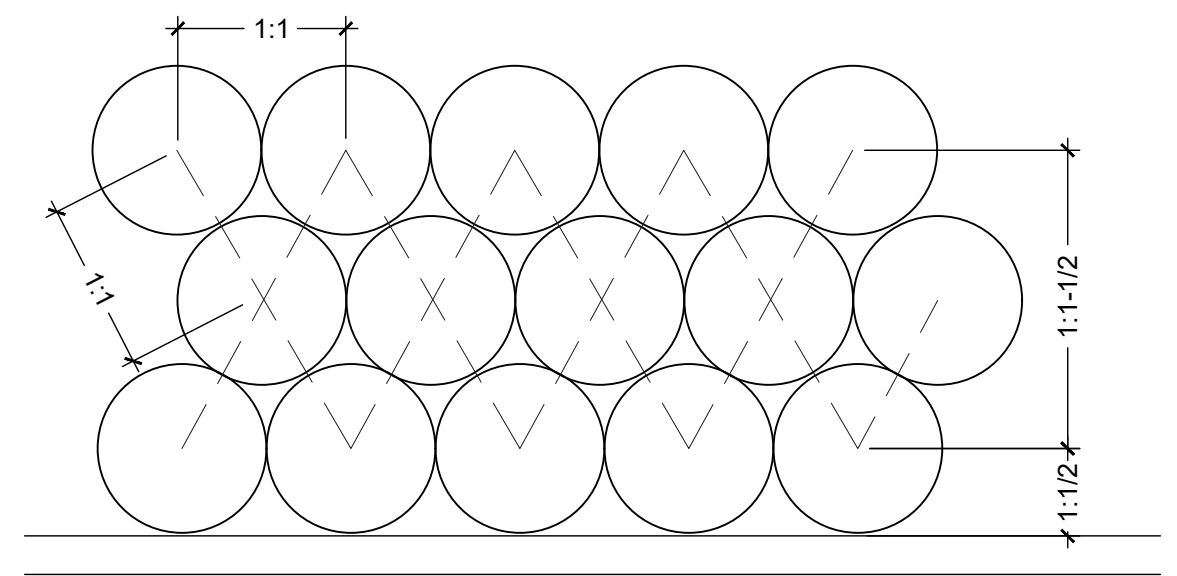


- NOTES:**
- BACKFILL AND WATER-IN THOROUGHLY
 - BROKEN ROOTBALLS WILL BE REJECTED

2 SHRUB PLANTING - TOWN OF PARKER
N.T.S.



3 STEEL EDGING
1" = 1'-0"
BLCC-02



4 PLANT SPACING
1" = 1'-0"
BLCC-01



1459 Grand Ave
Des Moines, IA 50309
P: 888-458-6646

2293 - KUM AND GO - PARKER, CO
NEC OF BAYOU GULCH RD AND PINERY PKWY
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