

PLANT LIST

QTY.	SYMBOL	COMMON/SCIENTIFIC NAME	SIZE	NOTES
SHADE TREES				
7		KENTUCKY COFFEETREE GYMNOCLADUS DIOICA	2" CAL.	NURSERY GROWN B&B
11		SWAMP WHITE OAK QUERCUS BICOLOR	2" CAL.	NURSERY GROWN B&B
7		TURKISH FILBERT CORYLUS COLURNA	2" CAL.	NURSERY GROWN B&B
3		SHADEMASTER HONEYLOCUST GLEDTISIA TRIACANTHOS VAR. INERMIS 'SHADEMASTER'	2" CAL.	NURSERY GROWN B&B
EVERGREEN TREES				
7		COLORADO SPRUCE PICEA PUNGENS	6-8' HT	NURSERY GROWN B&B
5		PONDEROSA PINE PINUS PONDEROSA	6-8' HT	NURSERY GROWN B&B
ORNAMENTAL TREES				
9		GINNALA MAPLE ACER TATARICUM SSP. GINNALA	8' CLUMP	NURSERY GROWN B&B
5		WASATCH MAPLE ACER GRANDIDENTATUM	1 1/2" CAL.	NURSERY GROWN TREE FORM
DECIDUOUS SHRUBS				
27		GRO-LOW FRAGRANT SUMAC RHUS AROMATICA 'GRO-LOW'	5 GAL	CONTAINER GROWN
14		ROCKY MTN. SMOOTH SUMAC RHUS GLABRA VAR. CISMONTANA	5 GAL	CONTAINER GROWN
58		THREE-LEAF SUMAC RHUS TRILOBATA	5 GAL	CONTAINER GROWN
EVERGREEN SHRUBS				
38		ARMSTRONG JUNIPER JUNIPERUS CHINENSIS 'ARMSTRONGII'	5 GAL	CONTAINER GROWN
23		BLUE CHIP JUNIPER JUNIPERUS HORIZONTALIS 'BLUE CHIP'	5 GAL	CONTAINER GROWN
GROUNDCOVER / NATIVE GRASSES				
888		CREEPING MAHONIA MAHONIA REPENS	#1 CONT	CONTAINER GROWN 18" SPACING
52		LITTLE BLUESTEM SCHIZACHYRIUM SCOPARIUM	1 GAL	CONTAINER GROWN SEE PLAN

FLAG NOTES:

- 1 PROPERTY LINE
- 2 SIDEWALK
- 3 TRANSFORMER
- 4 MONUMENT SIGN
- 5 TRASH ENCLOSURE
- 6 FLAGPOLE, FLAG SWING LIMITS
- 7 FIBER MULCH, TYPICAL
- 8 STEEL EDGING, TYPICAL
- 9 TANK OVERDIG LIMITS
- 10 BIKE RACK
- 11 FIRE HYDRANT
- 12 AIR COMPRESSOR
- 13 SIGHT TRIANGLE
- 14 SMOKING AREA
- 15 PROPOSED CONDENSER UNIT ENCLOSURE
- 16 IRRIGATION CLOCK
- 17 RAIN/FREEZE SENSOR

LANDSCAPE CALCULATIONS

Total Lot Size	78,310 SF		
Total Parking Lot Size	34,436 SF		
Total Building Size	5,081 SF		
Total Area Not Covered by Building/Parking Lot	38,793 SF		
	Requirement	Required	Provided
MINIMUM OVERALL SITE LANDSCAPING REQUIREMENT: One tree and five shrubs per 1,500 SF of lot area not covered by building or parking.	Trees	26	26
	Shrubs	130	146
Total # of Parking Stalls	16		
Total Interior Parking Lot Landscaped Area	5%	1,721 SF	1,168 SF
Landscaped % of Total Parking Lot Area*	5.0% 3.0%		
Interior Parking Lot Landscaped Trees	1 per 200 s.f.	10	10
Total Perimeter Parking Lot Landscaped Area	3,977 SF		
Total # of Street Trees	Length (LF)		
47th Street	359	1 per 40'	9 7
Diagonal Highway	359	1 per 40'	9 4
Independence Road	252	1 per 40'	7 7
NE Diagonal	103	1 per 40'	3 3
Total Quantity of Plant Material on site		Trees	64 57**
		Shrubs	130 146

CITY APPROVAL STAMP:

REVISION DESCRIPTION	DATE

DATE: 06-20-2014

SHEET NUMBER: L1.1

*NOTE - INTERIOR PARKING LANDSCAPE REQUIREMENT IS DEFICIENT DUE TO PHYSICAL LAYOUT OF PARKING LOT FROM VEHICULAR CIRCULATION REQUIREMENTS. ADDITIONAL SHRUBS AND PERENNIALS HAVE BEEN PLACED ON SITE TO ACCOMMODATE THIS DEFICIENCY.

**NOTE - SEVEN (7) STREET TREES TO BE PROVIDED WITH FUTURE DEVELOPMENT

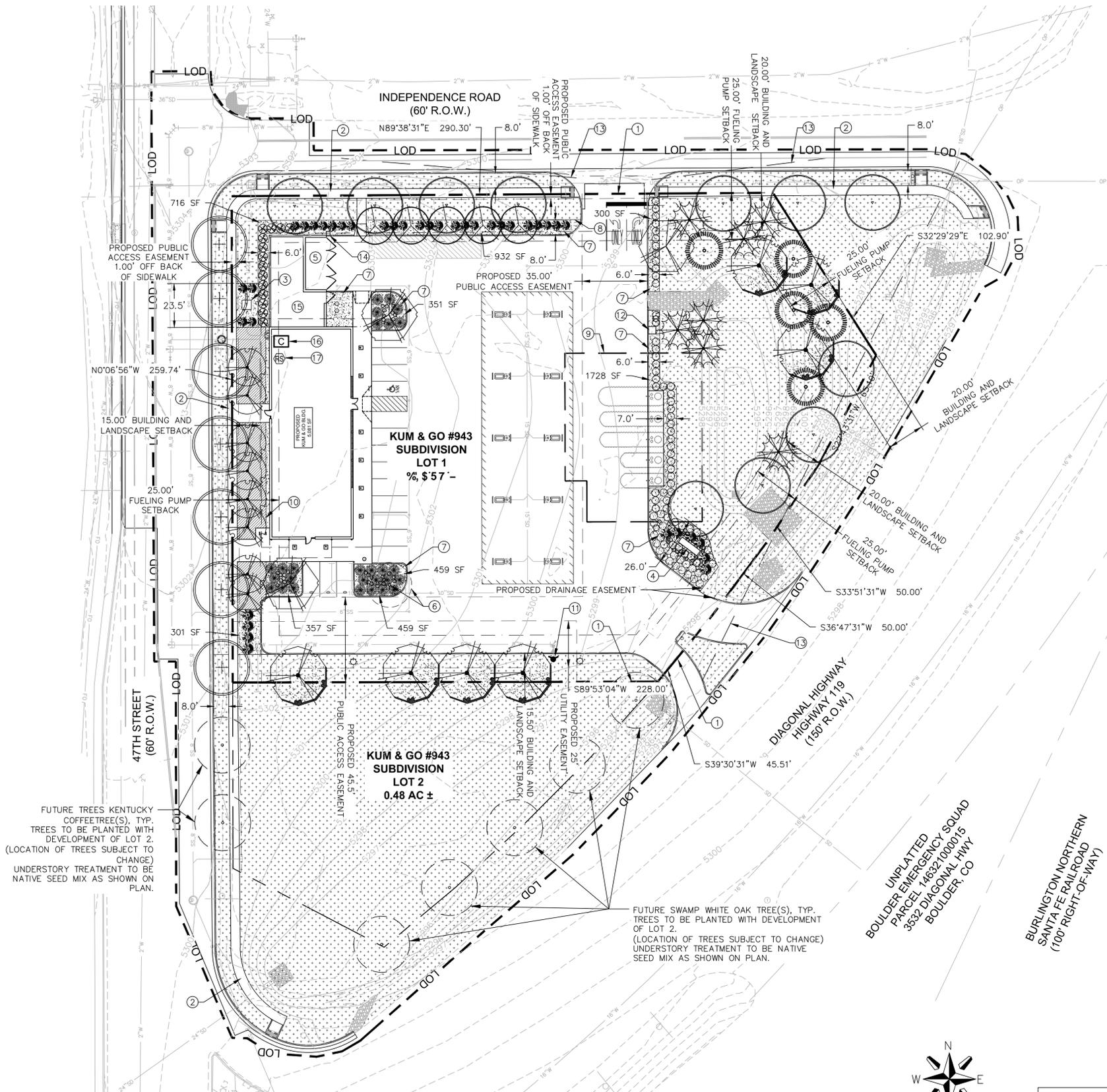
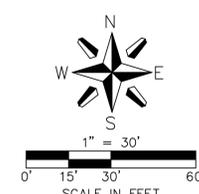


811
Know what's below.
Call before you dig.
CALL 811 SEVENTY-TWO HOURS PRIOR TO DIGGING, GRADING OR EXCAVATING FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES

GROUNDCOVER LEGEND:

	LOW GROW NATIVE SEED MIX 68,570 SF
	CREEPING MAHONIA 2,020 SF

	LOW GROW NATIVE SEED MIX (FROM PAWNEE BUTTES SEED INC.) (25%) IDAHO FESCUE (25%) SANDBERG BLUEGRASS (25%) ROCKY MOUNTAIN FESCUE (25%) CANBY BLUEGRASS
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FUTURE TREES KENTUCKY COFFEETREE(S), TYP. TREES TO BE PLANTED WITH DEVELOPMENT OF LOT 2. (LOCATION OF TREES SUBJECT TO CHANGE) UNDERSTORY TREATMENT TO BE NATIVE SEED MIX AS SHOWN ON PLAN.

FUTURE SWAMP WHITE OAK TREE(S), TYP. TREES TO BE PLANTED WITH DEVELOPMENT OF LOT 2. (LOCATION OF TREES SUBJECT TO CHANGE) UNDERSTORY TREATMENT TO BE NATIVE SEED MIX AS SHOWN ON PLAN.

UNPLATTED BOULDER EMERGENCY SQUAD PARCEL 146327000015 BOULDER, CO
BURLINGTON NORTHERN SANTA FE RAILROAD (100' RIGHT-OF-WAY)



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#943 - BOULDER, COLORADO
3365 DIAGONAL HWY.
LANDSCAPE PLAN

KG PROJECT TEAM:
RDR: JXH
SDM: RIH
GPM: TLK

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NATIVE SEEDING NOTES

- ALL MATERIALS USED SHALL MEET OR EXCEED APPLICABLE FEDERAL, STATE, COUNTY AND LOCAL LAWS AND REGULATIONS. ALL SEED SHALL BE FREE FROM INSECTS AND DISEASE. SPECIES SHALL BE TRUE TO THEIR SCIENTIFIC NAME AS SPECIFIED.
- ALL GRASS SPECIES SHALL BE SUPPLIED AS PURE LIVE SEED (PLS).
- SEED OF ALL SPECIES NATIVE TO COLORADO SHALL BE FROM WITHIN A 150 MILE RADIUS OF THE PROJECT SITE. SEED NOT AVAILABLE WITHIN A 150 MILE RADIUS SHALL BE APPROVED BY THE OWNER PRIOR TO INSTALLATION.
- SEEDS SHALL HAVE PROPER STRATIFICATION AND/OR SCARIFICATION TO BREAK SEED DORMANCY FOR SPRING PLANTING.
- SEEDING SHALL BE PREFERENTIALLY CONDUCTED AS A LATE FALL DORMANT SEEDING (AFTER NOVEMBER 1) OR IN EARLY SPRING (AS SOON AS THE SOIL IS FREE OF FROST AND IN A WORKABLE CONDITION BUT NO LATER THAN JUNE 15).
- NATIVE SEEDING SHALL BE COMPLETED WHEN A MINIMUM OF 1/4 INCH OF NATURAL RAINFALL IS EXPECTED OR WHEN A MINIMUM OF 1/4 INCH OF IRRIGATION WILL BE RECEIVED WITHIN 10 DAYS AFTER SEEDING. IF SUFFICIENT NATURAL RAINFALL IS NOT RECEIVED WITHIN 10 DAYS, THE NEW SEEDING SHALL BE IRRIGATED WITH A MINIMUM OF 1/4 INCH OF WATER, OR SO THAT WATER PENETRATES THE SOIL TO A UNIFORM MINIMUM DEPTH OF 4.0 INCHES.
- PROVIDE WRITTEN VERIFICATION TO THE OWNER THAT BACKFLOW PREVENTION PER CODE EXISTS ON THE LINE TO BE USED AS A POINT OF CONNECTION FOR THE IRRIGATION SYSTEM. IF VERIFICATION CANNOT BE MADE, PROVIDE BACKFLOW PREVENTION PER CODE AS A PART OF THE INSTALLATION.
- CONTRACTOR SHALL PROVIDE WATER AND ELECTRICITY FOR THE SYSTEM IN THE EVENT THAT NEITHER IS AVAILABLE FOR IMMEDIATE USE. CONTRACTOR SHALL PROVIDE ISOLATION VALVE AND CONNECTION TO WATER AND CONTROLLER.
- THE IRRIGATION SYSTEM SHALL BE SET BY CONTRACTOR PRECIPITATION 2 TIMES PER WEEK BETWEEN JUNE 15TH AND OCTOBER 31ST OF THE FIRST YEAR AFTER PLANTING. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING PROPER FUNCTION AND CONNECTION OF THE IRRIGATION SYSTEMS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE IRRIGATION SYSTEM FOR THE DURATION OF FIRST FULL GROWING SEASON. AT THE END OF THE IRRIGATION PERIOD, AND IF PLANT ESTABLISHMENT IS SUCCESSFUL, AS DETERMINED BY THE SEEDING WARRANTY CRITERIA, THE CONTRACTOR SHALL PERMANENTLY CAP PIPE DOWNSTREAM OF ISOLATION VALVE, AND THEN DISASSEMBLE AND REMOVE THE IRRIGATION SYSTEM.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL TEMPORARY SIGNS, FLAGGING, ETC. AT THE PERIMETER OF ALL SEEDING SITES IMMEDIATELY AFTER THEIR COMPLETION, WHICH SHALL SERVE TO NOTIFY FOOT AND VEHICULAR TRAFFIC THAT A SENSITIVE AREA MAY BE DAMAGED BY THEIR ENTRY.
- AREAS DESCRIBED AS NATIVE GRASS ZONES SHALL BE MULCHED. MULCHING IS THE APPLICATION OF ORGANIC MATERIAL TO THE SOIL SURFACE TO PROTECT IT FROM RAINDROP IMPACT AND OVERLAND FLOW. MULCH COVERS THE SOIL AND ABSORBS THE EROSION IMPACT OF RAINFALL AND REDUCES THE FLOW VELOCITY OF RUNOFF.

STRAW MULCH SHALL BE OAT, WHEAT, OR RICE STRAW MULCH. HAY MULCH SHALL BE PRAIRIE GRASS OR OTHER HAY AS APPROVED BY THE OWNER. THE MULCH SHALL BE FREE OF JOHNSON GRASS OR OTHER NOXIOUS WEEDS AND FOREIGN MATERIALS. IT SHALL BE KEPT IN A DRY CONDITION AND SHALL NOT BE MOLDED OR ROTTED. STRAW OR HAY FOR EROSION CONTROL SHALL BE CLEAN, SEED-FREE HAY OR THRESHED STRAW OF WHEAT, RYE, OATS, OR BARLEY.

MULCH SHALL COVER A MINIMUM OF 80% OF THE SOIL SURFACE FOR UNSEEDED AREAS. FOR SEEDED AREAS, MULCH SHALL BE PLACED LOOSE AND OPEN ENOUGH TO ALLOW SOME SUNLIGHT TO PENETRATE AND AIR TO CIRCULATE BUT STILL COVER A MINIMUM OF 70% OF THE SOIL SURFACE.

MULCH SHALL BE APPLIED AT THE RATE OF 1 1/2 TO 2 TONS PER ACRE FOR SITES THAT ARE SEED, AND 2 TO 3 TONS PER ACRE FOR SITES THAT ARE NOT SEED. THIS APPLICATION RESULTS IN A LAYER OF 1/2 TO 1 1/2 INCHES THICK FOR SEEDED SITES, AND 1 1/2 TO 3 INCHES THICK FOR SITES NOT SEED.

IMMEDIATELY AFTER SPREADING, THE MULCH SHALL BE ANCHORED BY A MULCH CRIMPER AND/OR TACKIFIER.

THE CRIMPER SHALL CONSIST OF A SERIES OF DULL FLAT DISCS WITH NOTCHED EDGES SPACED APPROXIMATELY 8 INCHES APART. THE MULCH SHALL BE IMPRESSED IN THE SOIL TO A DEPTH OF 1 TO 3 INCHES.

TACKIFIER SHALL BE SPRAYED IN CONJUNCTION WITH MULCH OR IMMEDIATELY AFTER THE MULCH HAS BEEN PLACED. TACKIFIERS SHALL BE MIXED AND APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS.

- THE WORK AREA SHALL BE KEPT FREE OF DEBRIS BY THE CONTRACTOR. AFTER SEED INSTALLATION IS COMPLETE, CLEAN UP ANY REMAINING MATERIALS, DEBRIS, TRASH, ETC. AVOID DRIVING OVER SEEDED AREAS TO MINIMIZE DISTURBANCE. GRADING STAKES, STONES, TRASH, AND OTHER DEBRIS WHICH MAY DETRACT FROM THE APPEARANCE OR HINDER MAINTENANCE OF THE SEEDING SITE SHALL BE REMOVED FROM THE SITE WHEN SEEDING OPERATIONS ARE COMPLETED. SOIL, STRAW, HAY, HYDRAULIC FIBER MULCH, FERTILIZER, COMPOST, LIMESTONE, ELEMENTAL SULFUR, GYPSUM, AND OTHER DEBRIS SHALL BE REMOVED FROM PAVED AREAS SOON AS POSSIBLE AFTER SPREADING AND SEEDING OPERATIONS ARE COMPLETED. CLEAN UP OPERATIONS SHALL BE COMPLETED BEFORE ACCEPTANCE IS GIVEN.

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO APPLY EFFECTIVE SEEDING AND EROSION CONTROL MULCH MATERIALS, AND TO ENSURE THAT SUCH MATERIALS ARE SECURED TO THE SOIL SO THAT THEY ARE NOT BLOWN, WASHED, OR OTHERWISE REMOVED FROM THE SEEDING SITE, AND SO THAT NEARBY STREAMS AND OTHER AREAS SHALL BE PROTECTED FROM SOIL, FERTILIZER, COMPOST, AND THE INCURSION OF UNWANTED GRASS SEED.

- INSTALLING CONTRACTOR SHALL REVIEW LANDSCAPE MAINTENANCE RECOMMENDATIONS WITH A QUALIFIED MITIGATION SPECIALIST APPROVED BY THE OWNER WHO IS FAMILIAR WITH THE STATED GOALS AND OBJECTIVES OF THE MITIGATION PLAN. MAINTENANCE IS TO BE PROVIDED THROUGHOUT CONSTRUCTION AND FOR THREE-YEARS FOLLOWING CONSTRUCTION. DURING THE MAINTENANCE PERIOD, BETWEEN MARCH AND SEPTEMBER 15, HAND SEED ALL PREVIOUSLY SEEDED AREAS WHICH SHOW BARE GROUND PATCHES LARGER THAN 36"x36". THE FOLLOWING GENERAL NATIVE GRASS MAINTENANCE RECOMMENDATIONS ARE TO BE FOLLOWED UNLESS AN ALTERNATIVE IS APPROVED BY THE OWNER.

NATIVE SEEDING NOTES (CONTINUED)

1ST YEAR - MOW FREQUENTLY TO PREVENT WEED GROWTH AND THATCH BUILD-UP. MOWING HEIGHT SHOULD BE APPROXIMATELY 4-6 INCHES IN HEIGHT AND COMPLETED BETWEEN THE MONTHS OF MARCH - JULY 15. NO MOWING SHOULD BE COMPLETED AFTER THE JULY 15 DATE. ADDITIONAL WEED PREVENTION IS RECOMMENDED WITH THE USE OF AN APPROVED HERBICIDE FOR NATIVE GRASSES. A GOOD APPROACH IS TO COMPLETE HERBICIDE APPLICATIONS AS SPOT TREATMENTS ON WEEDY AREAS FOLLOWING THE SEASONAL MOWING REGIME IN AUGUST AND SEPTEMBER. HAND WEED AS NECESSARY.

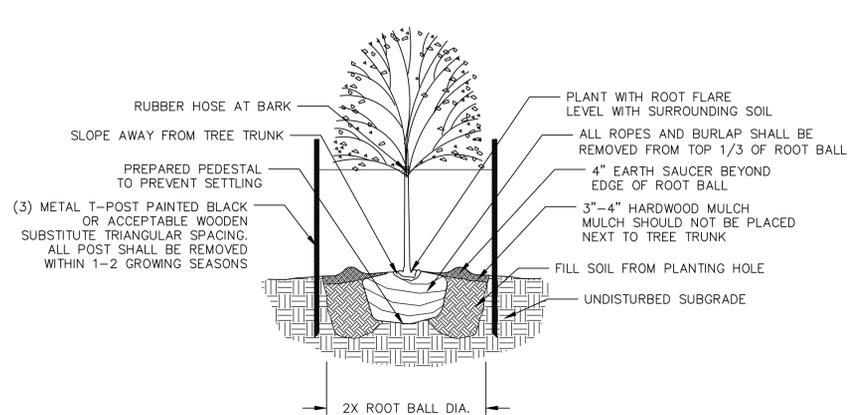
2ND YEAR - MOWING SHOULD BE LIMITED TO 2-3 TIMES BEFORE JULY 15TH. MOWING HEIGHT SHOULD BE INCREASED TO 8" IN HEIGHT. CONTINUE TO SPOT TREAT INVASIVE WEEDS WITH AN APPROVED HERBICIDE. HAND WEED AS NECESSARY.

3RD YEAR - MOW ONCE BEFORE JULY 15TH AFTER VEGETATION REACHES A HEIGHT OF 18". MOW TO A HEIGHT OF 8". CONTINUE TO SPOT TREAT INVASIVE WEEDS WITH AN APPROVED HERBICIDE. HAND WEED AS NECESSARY.

- IN ADDITION TO THE SPECIFIED NATIVE SEED MIX, A COVER CROP OF OATS (AVENA SATIVA) NOVEMBER 1 - AUGUST 1 OR WINTER WHEAT (TRITICUM AESTIVUM) AUGUST 1 - NOVEMBER 1 TO BE SEED AT A RATE OF 120 LBS PER ACRE.

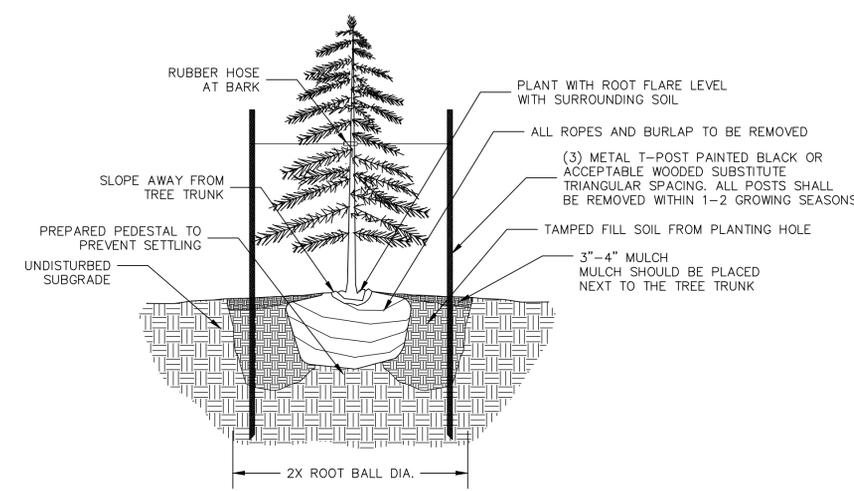
GENERAL PLANTING NOTES

- ALL WORK SHALL BE COORDINATED WITH THE WORK OF OTHER TRADES.
- LOCATE AND FLAG ALL UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION. CONTRACTOR SHALL PROTECT EXISTING OVERHEAD AND UNDERGROUND UTILITIES. ANY DAMAGE TO SUCH SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
- PLANTS AND OTHER MATERIALS ARE QUANTIFIED AND SUMMARIZED FOR THE CONVENIENCE OF THE CITY AND LOCAL GOVERNING BODIES. CONFIRM AND INSTALL SUFFICIENT QUANTITIES TO COMPLETE THE WORK AS DRAWN.
- PLAN IS SUBJECT TO CHANGES BASED ON PLANT SIZE AND MATERIAL AVAILABILITY. ALL CHANGES OR SUBSTITUTIONS MUST BE APPROVED BY THE CITY OF BOULDER, COLORADO AND THE LANDSCAPE ARCHITECT.
- ALL PLANT MATERIAL SHALL BE NURSERY GROWN TO MEET MINIMUM SIZE AS SPECIFIED IN THE AMERICAN STANDARD FOR NURSERY STOCK ESTABLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION (ANLA). THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL NOT MEETING SPECIFICATIONS.
- PLANTING OF TREES, SHRUBS, SODDED AND SEEDED TURFGRASS SHALL BE COMMENCED DURING EITHER THE SPRING (MARCH 15-JUNE 15) OR FALL (SEPTEMBER 1 - OCTOBER 15) PLANTING SEASON AND WITH WATER AVAILABLE FOR IRRIGATION PURPOSES.
- THE LANDSCAPE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS AND MATERIALS INJURIOUS TO PLANT GROWTH FROM PLANTING PITS AND BEDS PRIOR TO BACKFILLING WITH PLANTING MIX.
- A PRE-EMERGENT HERBICIDE SHALL BE APPLIED TO ALL SHRUB BEDS PRIOR TO THE INSTALLATION OF ANY PLANT MATERIAL.
- BACKFILL ALL PLANTING HOLES TO A MINIMUM 12-INCH DEPTH WITH PLANTING SOIL MIX, THOROUGHLY MIX PLANTING SOIL COMPONENTS PRIOR TO PLACEMENT.
- ALL PLANTING AREAS EXCEPT SOD AREAS, TREE AREAS, AND PERENNIAL BEDS SHALL CONTAIN RIVER ROCK MULCH AND INCLUDE A GEOTEXTILE WEED BARRIER FABRIC, UNLESS CALLED OUT OTHERWISE ON PLANS. RIVER ROCK SHALL BE 1-2" IN DIAMETER AND 3-4" DEEP IN ALL AREAS. PERENNIAL BEDS AND TREE AREAS SHALL CONTAIN SHREDDED HARDWOOD MULCH TO A DEPTH OF 3-4".
- ALL LANDSCAPE AREAS AND SOD AREAS SHALL BE IRRIGATED WITH A HIGH-EFFICIENCY, AUTOMATIC IRRIGATION SYSTEM ACHIEVING 100% EVEN COVERAGE OF ALL LANDSCAPE AREAS. IRRIGATION SYSTEM SHALL BE DESIGNED TO MEET ALL CITY REQUIREMENTS. DRIP IRRIGATION SHALL BE USED IN ALL LANDSCAPE BEDS AND SPRAY HEADS SHALL BE USED ON ALL SODDED AREAS.
- STEEL LANDSCAPE EDGING IS TO BE USED ON ALL LANDSCAPE BEDS ABUTTING SODDED AREAS AS NOTED ON LANDSCAPE PLANS.
- LANDSCAPE CONTRACTOR IS TO BE RESPONSIBLE FOR WATERING ALL PLANT MATERIALS UNTIL THE TIME THE PERMANENT IRRIGATION SYSTEM IS FULLY FUNCTIONAL AND ACCEPTANCE OF THE PROJECT HAS TAKEN PLACE. ANY MATERIAL WHICH DIES, OR DEFOLIATES (PRIOR TO ACCEPTANCE OF THE WORK) WILL BE PROMPTLY REMOVED AND REPLACED.
- THE CONTRACTOR WILL COMPLETELY GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR BEGINNING AT THE DATE OF ACCEPTANCE, OR STORE OPENING, WHICHEVER IS GREATER. CONTRACTOR WILL MAKE ALL REPLACEMENTS PROMPTLY (AS PER DIRECTION OF OWNER).
- UPON INSTALLATION OF ALL LANDSCAPING, CONTRACTOR SHALL NOTIFY OLSSON ASSOCIATES. CONTRACTOR SHALL PROVIDE OLSSON ASSOCIATES FOUR (4) DAYS AFTER LANDSCAPE INSTALLATION IS COMPLETE TO PERFORM A FINAL LANDSCAPE INSPECTION AND APPROVAL.
- PRIOR TO FINAL LANDSCAPE INSPECTION, CONTRACTOR SHALL PROVIDE OLSSON ASSOCIATES WITH RECEIPTS OF ALL PLANT MATERIALS INSTALLED ON-SITE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AS-BUILT REDLINES SHOWING CHANGES TO THE APPROVED FINAL LANDSCAPE PLANS. AS-BUILT REDLINES SHALL BE PROVIDED TO OLSSON ASSOCIATES PRIOR TO THE FINAL LANDSCAPE INSPECTION.



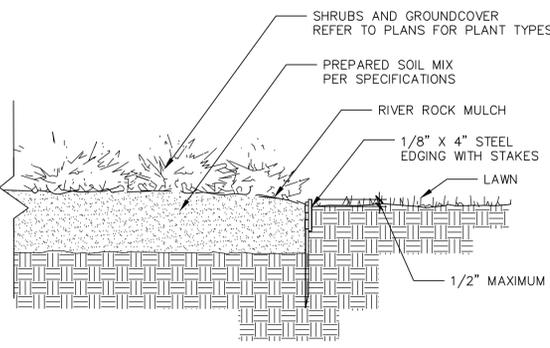
- NOTES:
- DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING.
 - IN AREAS OF TURF, SURROUND BED WITH 6' DIAMETER OF MULCH.

1 DECIDUOUS TREE PLANTING DETAIL
NOT TO SCALE

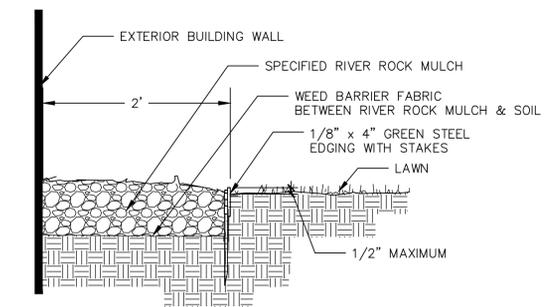


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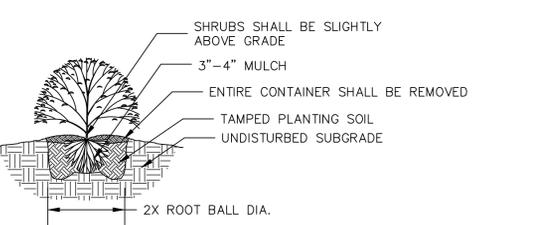
2 EVERGREEN TREE PLANTING DETAIL
NOT TO SCALE



3 STEEL LANDSCAPE EDGING DETAIL
NOT TO SCALE



4 MOW STRIP DETAIL
NOT TO SCALE



- NOTES:
- MINIMUM ROOT SPREAD TO BE IN ACCORDANCE WITH ANLA STANDARDS.
 - PRUNE DAMAGED LIMBS OR ROOTS AFTER INSTALLATION.
 - MAKE SURE ROOTS DO NOT DRY OUT DURING INSTALLATION.
 - SOAK GENEROUSLY TO COMPACT AND SETTLE.

5 SHRUB PLANTING DETAIL
NOT TO SCALE

SOIL SPECIFICATIONS

ORGANIC COMPOST: WELL DECOMPOSED, STABLE, WEED FREE ORGANIC MATTER SOURCE. IT SHALL BE DERIVED FROM: AGRICULTURE, FOOD, OR INDUSTRIAL RESIDUALS; BIOSOLIDS (TREATED SEWAGE SLUDGE); YARD TRIMMINGS AND LEAF RAKINGS; SOURCE-SEPARATED OR MIXED SOLID WASTE MEETING THE FOLLOWING CRITERIA:

- 100 PERCENT SHALL PASS THROUGH A 3/8 INCH SCREEN.
- PH OF 6.0 TO 8.5.
- MOISTURE CONTENT OF 30% TO 60% BY WEIGHT.
- NO SUBSTANCES TOXIC TO PLANTS.
- 1% OR LESS BY WEIGHT MANUFACTURED FOREIGN MATTER.
- NO OBJECTIONABLE ODOR.
- SHALL NOT RESEMBLE THE RAW MATERIAL FROM WHICH IT DERIVED.

PLANTING SOIL: A UNIFORM MIX OF, FREE OF PLANT RESIDUE, STONES, STUMPS ROOTS OR SIMILAR OBJECTS LARGER THAN 1 INCH. MIXTURE OF TOPSOIL, ORGANIC COMPOST AND SAND CONSISTING OF THE FOLLOWING:

- 15% BY VOLUME ORGANIC COMPOST
- 15% BY VOLUME SAND
- 70% BY VOLUME TOPSOIL

TOPSOIL: SOIL CLASSIFICATION OF SANDY LOAM OR LOAMY SAND MEETING THE FOLLOWING CRITERIA:

- 50 TO 85 PERCENT BY WEIGHT SAND (2.0 TO 0.050MM) ACCORDING TO AASHTO T88.
- 5 TO 50 PERCENT BY WEIGHT SILT (0.050 TO 0.002MM) ACCORDING TO AASHTO T88.
- 2 TO 5 PERCENT BY WEIGHT CLAY (LESS THAN 0.002MM) ACCORDING TO AASHTO T88.
- 3 TO 10 PERCENT BY WEIGHT ORGANIC MATTER ACCORDING TO AASHTO T194.

TEXTURAL ANALYSIS:

- MINIMUM 100% BY WEIGHT PASSING THE 2" SIEVE PER ASTM E11.
- MINIMUM 90% BY WEIGHT PASSING THE NO. 4 PER ASTM E11.
- MINIMUM 80% BY WEIGHT PASSING THE NO. 10 SIEVE PER ASTM E11.

NATIVE SEED MIX			
COMMON NAME	RATE		
IDAHO FESCUE	25%		
SANDBERG BLUEGRASS	25%		
ROCKY MOUNTAIN FESCUE	25%		
CANBY BLUEGRASS	25%		

SEED MIX A:			
PBSI LOW GROW NATIVE MIX			
METHOD:	ROTILLED TO 6-8"	WEED CONTROL:	CHEMICAL, 14 DAYS PRIOR TO SEEDING.
DATES:	PER GENERAL NOTES	MULCH:	GREEN COLOR HYDROMULCH AFTER SEEDING. SUBMIT SAMPLE.
OTHER:	PER SOILS REPORT	AMOUNT:	2,200 LBS PER ACRE
SEEDING OPERATION:		KIND:	HYDROSEED IN 2 STEPS:
METHOD:	HYDROSEED	DEPTH:	1/4" - 1/2"
DATES:	PER GENERAL NOTES	ANCHOR:	TACKIFIER AT 100 LBS PER ACRE
FERTILIZER:			
N2:	PER SOILS REPORT		
P205:	PER SOILS REPORT		
K:	PER SOILS REPORT		

CITY APPROVAL STAMP:

REVISION DESCRIPTION	DATE

DATE: 06-20-2014

SHEET NUMBER: **L1.2**



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JOSEPH E. STOBER
LA-1040
08/23/03
Original Date of License
State of Colorado
LICENSED LANDSCAPE ARCHITECT



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#943 - BOULDER, COLORADO
3365 DIAGONAL HWY.

PLANT SCHEDULE AND SPECIFICATIONS

REVISION DESCRIPTION	DATE

DATE: 06-20-2014

SHEET NUMBER: **L1.2**

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DWG: F:\Projects\012-1417\LDWP\Final_Plans\121417_LSC_CD.dwg
 DATE: Jun 24, 2014 8:42am
 USER: jstoberl
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