

### GROUND COVER LEGEND

SYMBOL	DESCRIPTION	APPROX. SF
[Symbol]	Seed Mix 'A': Refer to Notes	7,518 SF
[Symbol]	Rock: Arkansas Tan, 1.5" Diameter (with weed barrier) Submit sample to Owner for approval.	2,907 SF
[Symbol]	Rock: Denver Granite, .75" Diameter (with weed barrier) Submit sample to Owner for approval.	4,242 SF

NOTE: QUANTITIES SHOWN IN LEGEND ARE FOR CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL MATERIALS PER PLAN. VERIFY ROCK TYPE, COLOR AND SIZE WITH OWNER PRIOR TO INSTALLATION. SUBMIT SAMPLES TO OWNER AS REQUIRED.

### LANDSCAPE SETBACKS (LS)

STREET NAME OR ZONE BOUNDARY (ELEV.)	STREET CLASSIFICATION	WIDTH (FT.)	LINEAR FOOTAGE	TREE/FEET REQUIRED	NO. OF TREES REQ./PROVIDED
WOOLSEY HTS	NON-ARTERIAL	10/10 FT	75	1/30 FT	6/6
MEADOWBROOK	NON-ARTERIAL	10/10 FT	218	1/30 FT	1/1

### MOTOR VEHICLE LOTS (MV)

NO. OF VEHICLE SPACES PROVIDED	SHADE TREES (1/8" SPACES) REQ./PROV.	VEHICLE LOT FRONTAGE(S)	Z/P LENGTH OF FRONTAGE (FT.)
34	2/2	WOOLSEY	14 LF

### INTERNAL LANDSCAPING (IL)

INTERNAL LANDSCAPE AREA INCLUDES ALL LANDSCAPE AREAS NOT INCLUDING SETBACKS, BUFFERS OR MOTOR VEHICLE ISLANDS.

NET SITE AREA (SF) (LESS PUBLIC ROW)	PERCENT MINIMUM INTERNAL AREA (%)	INTERNAL AREA (SF) REQ./PROV.	INTERNAL TREES (1/500 SF) (EXCLUDING DRIVEWAYS)
17156 SF	NON-RESIDENTIAL	6,318 SF / 1100 SF	12/5

### LANDSCAPE BUFFERS AND SCREENS (LB)

STREET NAME OR PROPERTY LINE (ELEV.)	LINEAR FOOTAGE	SETBACK BUFFER REQ. / PROV. FENCE	BUFFER TREES (1/20') REQ./PROV. - NA	EVERGREEN TREES (1/5) REQ./PROV. - NA
OPAQE FENCE REQUIREMENT: FENCE FOR BUFFER REQUIREMENT AS SHOWN ON SOUTH BUFFER				

### CODE REQUIREMENTS

### PLANT SCHEDULE

Symbol	Abbr.	Botanical Name	Common Name	Mature Widthx HT.	Planting Size
<b>DECIDUOUS TREES:</b>					
GT	9	Gleditsia triacanthos	Skyline or Shademaster Honeylocust	30'x25'	1-1/2" cal.
MS	8	Malus 'Spring Snow'	Spring Snow Crabapple	15'x15'	1-1/2" cal.
<b>EVERGREEN TREES:</b>					
JC	7	Juniperus scopulorum 'ColoGreen'	ColoGreen Juniper	6-8' x 12-15'	4-5' ht.
<b>EVERGREEN SHRUBS:</b>					
JL	15	Juniperus sabinna 'Sierra Spreader'	Sierra Spreader Juniper	6-8' x 12-18'	#5 cont
JA	8	Juniperus sabinna Tamarsifolia	Tamarix Juniper	6-8' x 4-6'	#5 cont
<b>DECIDUOUS SHRUBS:</b>					
SBG	14	Spiraea x bumalda 'Goldflame'	Goldflame Spirea	3-4' x 2-3'	#5 cont
SJ	17	Spiraea japonica 'Majic Carpet'	Majic Carpet, Spirea	1-2' x 1-2'	#5 cont
PO	22	Potentilla fruticosa 'Abbotswood'	Abbotswood Potentilla	2-4' x 2-4'	#5 cont

NOTE: QUANTITIES SHOWN IN SCHEDULE ARE FOR CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL MATERIALS PER PLAN.

### IRRIGATION SYSTEM NOTE

NOTE: IRRIGATION SYSTEM TO BE DESIGN/BUILD FOR ALL PLANTING AREAS WITH DRIP FOR ALL PLANTS. COORDINATE WITH GENERAL CONTRACTOR AND OWNER.

### LAYOUT NOTES

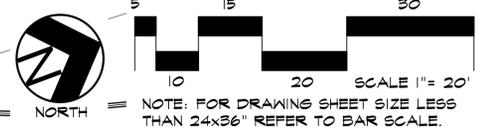
CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL LANDSCAPE SHOWN ON THIS PLAN. ANY DEVIATIONS FROM THIS PLAN ARE TO BE APPROVED BY OWNER'S REPRESENTATIVE OR LANDSCAPE ARCHITECT. DEVIATIONS FROM THE APPROVED PLAN WILL REQUIRE APPROVAL BY EL PASO COUNTY AND OWNER REPRESENTATIVE.

### UTILITIES NOTE

VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES PRIOR TO START OF WORK. CALL 811 FOR UTILITY LOCATES. TREE TRUNK PLACEMENT SHALL BE 6" MINIMUM DISTANCE FROM ANY GAS OR ELECTRIC AND 10" FROM GAS MAINS RATED AT 150 PSI. FOR SANITARY SEWER AND WATER MAINS TREES SHALL NOT BE LOCATED WITHIN EASEMENTS AND WITHIN 15' OF ANY MAINLINE. ANY CONFLICT BETWEEN TREE LOCATIONS AND UTILITIES SHOWN ON PLANS SHALL BE RESOLVED WITH GENERAL CONTRACTOR PRIOR TO PLANTING. ALL ELECTRICAL VAULTS AND TRANSFORMERS SHALL BE KEPT CLEAR FROM PLANT MATERIAL PER EL PASO COUNTY. ALL SHRUBS TO BE LOCATED 3' CLEAR OF ALL FIRE HYDRANTS AT MATURE SIZE.

### DOCUMENT NOTE

IRRESPECTIVE OF ANY OTHER TERM IN THIS DOCUMENT, LANDSCAPE ARCHITECT SHALL NOT CONTROL, OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SCHEDULES, SEQUENCES OR PROCEDURES, OR FOR CONSTRUCTION SAFETY OR ANY OTHER RELATED PROGRAMS, OR FOR ANOTHER PARTIES' ERRORS OR OMISSIONS OR FOR ANOTHER PARTIES' FAILURE TO COMPLETE THEIR WORK OR SERVICES IN ACCORDANCE WITH LANDSCAPE ARCHITECT'S DOCUMENTS.



**HIGHER GROUND DESIGNS, INC.**  
 LANDSCAPE ARCHITECTURE, PLANNING & IRRIGATION DESIGN  
 5350 NORTH ACADEMY BLVD. STE 207  
 COLORADO SPRINGS, CO 80918  
 Phone 719-477-1646  
 Fax 719-266-1122



1495 WOOLSEY HEIGHTS  
 CLAREMONT BUSINESS PARK, LOT 2  
 COLORADO SPRINGS, CO 80915  
 EL PASO COUNTY, CO

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 PREPARED FOR: HAMMERS CONSTRUCTION

NOT FOR CONSTRUCTION

JOB NUMBER	818-18
REVISIONS	
ORIGINAL DATE	01-07-19
DRAWN BY:	JM
DESCRIPTION:	LANDSCAPE PLAN
SHEET NO.	L1.1

## GENERAL SITE NOTES

- CONTRACTOR RESPONSIBLE FOR COORDINATING AND INSTALLING ALL SLEEVING REQUIRED FOR SITE CONSTRUCTION INCLUDING BUT NOT LIMITED TO DRAINAGE, IRRIGATION, LIGHTING, AND ELECTRICAL. COORDINATE WITH GENERAL CONTRACTOR. ALL PLANTING AREAS SHALL BE SLEEVED (CL 200 PVC) FOR DRIP IRRIGATION.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY PERTINENT LOCATIONS AND ELEVATIONS, ESPECIALLY AT CONNECTION POINTS AND AT POTENTIAL UTILITY CONFLICTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR ALL APPLICABLE AGENCIES.
- ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF PUBLIC IMPROVEMENTS SHALL MEET OR EXCEED THE STANDARDS AND SPECIFICATIONS SET FORTH LOCAL STANDARDS AND SPECIFICATIONS AND APPLICABLE STATE AND FEDERAL REGULATIONS. WHERE THERE IS CONFLICT BETWEEN THESE PLANS AND THE SPECIFICATIONS, OR ANY APPLICABLE STANDARDS, THE HIGHER QUALITY STANDARD SHALL APPLY. ALL WORK SHALL BE INSPECTED AND APPROVED BY THE APPROPRIATE GOVERNING AGENCIES.
- THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVED CONSTRUCTION DOCUMENTS, ONE (1) COPY OF THE APPROPRIATE STANDARDS AND SPECIFICATIONS, AND A COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED FOR THE JOB, ON-SITE AT ALL TIMES.
- ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD, UNLESS SPECIFICALLY STATED OTHERWISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS TRACKED FROM THE SITE.

## INSTALLATION NOTES

REMOVE EXISTING TREES, DEBRIS AND WEEDS FROM SITE PRIOR TO CONSTRUCTION (AS SHOWN PER PLAN). LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SITE DURING CONSTRUCTION. WEEDS AND TRASH SHALL BE REMOVED DAILY AS REQUIRED.

EXISTING TOPSOIL TO BE STOCKPILED ON-SITE AND USED DURING CONSTRUCTION TO ESTABLISH GRADES WITHIN LANDSCAPE AREAS AS SHOWN PER PLAN.

CONTRACTOR SHALL REFER TO ASSOCIATED LANDSCAPE CONTRACTORS OF COLORADO HANDBOOK (ALCC), 2007 REVISED EDITION FOR ALL CONSTRUCTION FOR THIS SITE. CONTACT OWNER FOR QUESTIONS.

QUANTITIES SHOWN IN PLANT SCHEDULE ARE FOR CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL PLANT MATERIAL PER PLAN.

GROUND COVER SHALL BE CONTINUOUS UNDER ALL SHRUBS THROUGHOUT PROJECT SITE.

DO NOT PLANT SHRUBS OR TREES OF INCOMPATIBLE WATER REQUIREMENTS IMMEDIATELY ADJACENT TO ONE ANOTHER.

PLANT BACKFILL SHALL BE 70% NATIVE ON-SITE SOIL, AND 30% BREW-GRO BIOCAMP CLASS 1 COMPOST.

A REPRESENTATIVE SAMPLE OF THE BOTANICAL NAME TAGS, FURNISHED BY THE NURSERY STOCK PROVIDER SHALL REMAIN ATTACHED TO THE PLANTS UNTIL FINAL INSPECTION BY THE OWNER.

LANDSCAPE CONTRACTOR SHALL NOTIFY OWNER IF STORM DRAINAGE FROM ADJACENT LANDSCAPE AREAS OR BUILDING DOWNSPOUTS WILL ADVERSELY AFFECT LANDSCAPED AREAS PER THE PLAN.

PRIOR TO INSTALLING PLANTS IN PLANTING BEDS BROADCAST PREEN PLANT SAFE PRE-EMERGENT WEED CONTROL IN ALL PLANTING AREAS PER MANUFACTURE RECOMMENDATIONS. [WWW.PREEN.COM](http://WWW.PREEN.COM)

STEEL EDGING TO BE ROLL-TOP GALVANIZED (1/8" X 4" X 10") WITH SPINS (4 PER SECTION) OR APPROVED EQUAL. EDGING TO BE EXPOSED 1/2" MAXIMUM ABOVE FINISHED GRADES. INSTALL PER MANUFACTURE RECOMMENDATIONS. SEE PLAN FOR EDGING LOCATIONS.

ALL ROCK COVER AREAS ONLY TO BE PREPARED WITH POLYSPUN WEED BARRIER WITH STAPLES AT 5' O.C. FABRIC SEAMS TO BE OVERLAPPED 6" MIN. AND SECURED WITH STAPLES.

## SOIL PREP NOTES

SOIL PREPARATION FOR UNDISTURBED AND/OR COMPACTED AREAS:

- RIP EXISTING SOIL TO A DEPTH OF NINE (9) INCHES MINIMUM IN ONE DIRECTION USING AN AGRICULTURAL RIPPER WITH TINES SPACED NO FURTHER THAN EIGHTEEN (18) INCHES APART OR TILL TO 6" DEPTH. AREAS ADJACENT TO WALKS, STRUCTURES, CURBS, ETC., WHERE THE USE OF LARGE MECHANICAL EQUIPMENT IS DIFFICULT SHALL BE WORKED WITH SMALLER EQUIPMENT OR BY HAND.
- REMOVE ALL RUBBLE, STONES AND EXTRANEEOUS MATERIAL OVER TWO (2) INCHES IN DIAMETER FROM THE SITE.

## FIRE SIGNAGE NOTE

ANY VEGETATION THAT MAY GROW TO OR IMMEDIATELY OBSTRUCT ANY FIRE LANE SIGNAGE WILL BE PLANTED IN SUCH A WAY TO PREVENT ANY FUTURE OBSTRUCTION OF SUCH SIGNAGE.

## MAINTENANCE NOTE

### ON-GOING MAINTENANCE DURING CONSTRUCTION:

BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING AND CONTINUE UNTIL LANDSCAPE WORK IS COMPLETED, ACCEPTED BY OWNER, AND IF REQUESTED A FORMAL MAINTENANCE PERIOD IS INITIATED. MAINTAIN LAWNS BY WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING AND OTHER OPERATIONS SUCH AS ROLLING, REGARDING, REPLANTING AS REQUIRED THROUGH CONSTRUCTION PERIOD. RE-MULCH WITH NEW MULCH IN AREAS WHERE MULCH HAS BEEN DISTURBED BY CONSTRUCTION OPERATIONS SUFFICIENTLY TO NULLIFY ITS PURPOSE. CONTRACTOR SHALL REPAIR SEEDED AREAS DAMAGED BY TRAFFIC AND/OR VANDALISM DURING THE CONSTRUCTION PERIOD.

IF THE IRRIGATION SYSTEM IS NOT AVAILABLE FOR PROPER WATERING AT THE TIME OF INSTALLATION, PROVIDE AND MAINTAIN TEMPORARY PIPING, HOSES, AND LAWN WATERING EQUIPMENT AS REQUIRED TO CONVEY WATER FROM SOURCES AND TO KEEP THE LAWN AREAS UNIFORMLY MOIST AS REQUIRED FOR PROPER GROWTH. FAILURE OF THE IRRIGATION SYSTEM SHALL NOT RELIEVE THE INSTALLER OF THE RESPONSIBILITY TO PROVIDE THE REQUIRED WATER. COORDINATE WITH OWNER.

### ONE-YEAR WARRANTY

AS AGREED WITH OWNER CONTRACTOR SHALL PROVIDE ONE-YEAR WARRANTY ON ALL PLANT MATERIAL AND IRRIGATION SYSTEM.

REPLACEMENT OF DEAD, DISEASED OR SUBSTANTIALLY DAMAGED PLANT MATERIALS SHALL BE OF THE SAME OR SIMILAR TYPE AS SET FORTH IN THE LANDSCAPE PLAN. REPLACEMENT SHALL BE MADE IN A TIME PERIOD NOT EXCEEDING 15 DAYS. PLANT MATERIAL NEEDING REPLACEMENT DURING WINTER MONTHS SHALL BE REPLACED AT THE START OF THE NEXT GROWING SEASON.

THE OWNER OF THIS PROPERTY AND ANY FUTURE OWNERS SHALL BE RESPONSIBLE FOR THE PROPER LANDSCAPE AND IRRIGATION SYSTEM MAINTENANCE OF THIS SITE AND ANY RIGHT-OF-WAY AREAS BETWEEN THE CURB AND PROPERTY BOUNDARIES OF THIS SITE. MAINTENANCE OF THIS INCLUDES, BUT IS NOT LIMITED TO, IRRIGATION INSPECTIONS AND ADJUSTMENTS, IRRIGATION SYSTEM SHUT DOWN AND START UP, IRRIGATION LEAK REPAIR, LANDSCAPE WEEDING, MOWING, SEEDING, FERTILIZING, WOOD MULCH AND ROCK ADDITIONS, PRUNING AND PLANT MATERIAL REPLACEMENTS. ALL MAINTENANCE SHALL BE DONE IN ACCORDANCE WITH THE ALCC SPECIFICATIONS HANDBOOK REV. EDITION 2007. OWNER SHOULD CONTACT LANDSCAPE CONTRACTOR OR LANDSCAPE ARCHITECT REGARDING ANY QUESTIONS RELATING TO THE LANDSCAPE OR IRRIGATION SYSTEM.

## SEEDING NOTES

SEED MIX 'A': NATIVE SEED TO BE ARKANSAS VALLEY SEED COMPANY (OR APPROVED EQUAL) - "FOOTHILLS MIX". SEED TO BE APPLIED AT 4LBS/1,000 SF USING DRILL SEED/MULCH PROCESS OR BROADCAST SEED, RAKE IN TO SOIL, AND HYDRO-MULCH PROCESS. SOIL SHALL BE AMENDED BREW-GRO BIOCAMP CLASS 1 (OR CITY APPROVED EQUAL) AT 2 C.Y./1,000 SF TILLED INTO TOP 4-6" OF SOIL PRIOR TO SEEDING.

DEPENDING ON WEATHER, SEED SHALL BE INSTALLED WITHIN THE FOLLOWING TIME FRAMES: SEPTEMBER 1 UNTIL CONSISTENT GROUND FREEZE FOR SPRING ESTABLISHMENT (DORMANT SEEDING); SPRING THAW UNTIL JUNE 1 FOR SPRING AND SUMMER ESTABLISHMENT (ACTIVE SEEDING).

FOR HYDRO-SEEDING ALL SEEDED AREAS SHALL RECEIVE NOT LESS THAN 1 TON PER ACRE (2000 LBS) OF VIRGIN WOOD CELLULOSE HYDRO-MULCH AND 100 LBS PER ACRE OF ORGANIC TACKIFIER.

SEEDED LANDSCAPE AREAS SHALL HAVE NO BARE AREAS LARGER THAN SIX (6) SQUARE INCHES 15 DAYS AFTER GERMINATION.

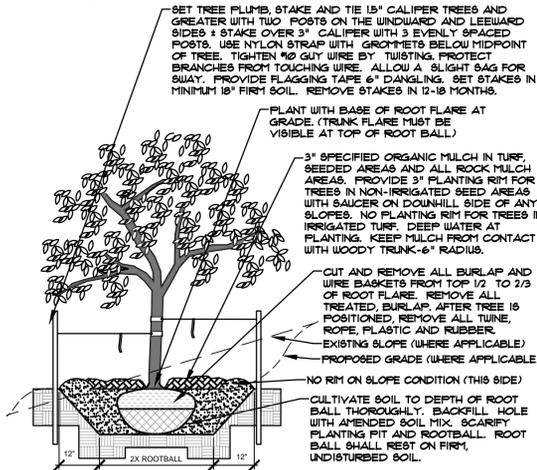
DRILL SEEDING: SEEDING EQUIPMENT USED FOR APPLYING SEED MIXTURES SHALL BE DESIGNED, MODIFIED OR EQUIPPED TO REGULATE THE APPLICATION RATE AND PLANTING DEPTH OF THE SEED MIXTURE. SEED SHALL BE UNIFORMLY DISTRIBUTED IN THE DRILL HOPPER DURING THE DRILLING OPERATION. A RANGELAND DRILL CAPABLE OF MIXING DIFFERENT SIZES AND WEIGHTS OF SEEDS SHALL BE USED. THE DRILL SHALL BE EQUIPPED WITH DOUBLE DISK FURROW OPENERS, DEPTH BANDS, PRESS WHEELS OR DRAG CHAINS.

THE SEED SHALL BE DRILLED APPROXIMATELY 3/4" INCH BELOW THE SOIL SURFACE. HALF OF THE TOTAL RATE OF SEED APPLICATION SHALL BE DRILLED IN 1 DIRECTION, WITH THE REMAINDER OF THE SEED RATE DRILLED AT 90 DEGREES FROM THE FIRST DIRECTION. DO NOT DRILL OR SOW SEED DURING HIGH WINDS OR WHEN THE GROUND IS FROZEN OR OTHERWISE UNABLE TO BE WORKED.

ALL SEEDED AREAS LESS THAN 3:1 SHALL RECEIVE NO LESS THAN 2 TONS PER ACRE (400 LBS) OF CERTIFIED WEED FREE STRAW MULCH. STRAW MULCH SHALL BE APPLIED IN A UNIFORM MANNER BY MULCH SPREADER OR BY HAND. STRAW MULCH SHALL BE CRIMPED OR ANCHORED INTO THE SEEDBED IMMEDIATELY FOLLOWING SPREADING BY USING A MULCH TILLER (CRIMPER). MULCH TILLERS SHALL HAVE ROUND, NOTCHED-BLADES SPACED 8-INCHES APART (MIN.) AND SHALL HAVE SUFFICIENT WEIGHT TO FORCE THE VEGETATIVE MULCH A MINIMUM DEPTH OF 3-INCHES INTO THE SOIL. ALL MULCH TILLING SHALL BE DONE PERPENDICULAR TO THE FLOW-LINE OF THE SLOPE (ALONG CONTOURS). HAND CRIMPING SHALL BE PERFORMED ON AREAS WHERE MECHANICAL METHODS CANNOT BE USED.

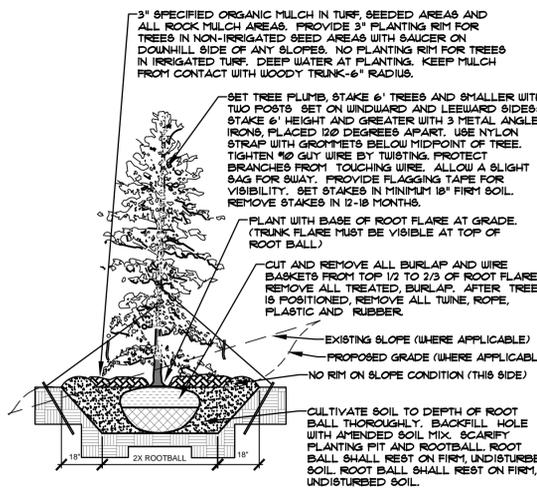
MULCH SHALL BE APPLIED TO SEEDED AREAS (INCLUDING DAMP GROUND) WITHIN 24 HOURS FOLLOWING THE COMPLETION OF SEEDING OPERATIONS FOR THE AREA. MULCHING SHALL NOT BE PERFORMED DURING ADVERSE WEATHER CONDITIONS OR WHEN WIND PREVENTS THE UNIFORM DISTRIBUTION. APPLICATION SHALL BE IN A MANNER TO NOT SERIOUSLY DISTURB THE SEEDBED SURFACE.

- NOTES:
- MARK NORTH SIDE OF TREE AT NURSERY AND ALIGN TREE TO NORTH WHEN PLANTING.
  - DO NOT REMOVE OR CUT LEADER.
  - PRUNE ONLY DEAD, BROKEN, CROSSING, OR WEAK BRANCHES (OR NARROW CROTCHES) IMMEDIATELY PRIOR TO PLANTING. DO NOT REMOVE TERMINAL BUDS THAT EXTEND TO TREE CROWN.
  - NO STRUCTURAL PRUNING OF TREE UNTIL AFTER ESTABLISHMENT PERIOD (2 GROWING SEASONS).
  - REMOVE ANY DOUBLE LEADER, UNLESS OTHERWISE DIRECTED BY OWNER'S REPRESENTATIVE.
  - KEEP PLANTS MOIST AND SHADED UNTIL PLANTING. AVOID FALL PLANTING IF POSSIBLE.
  - AMENDED BACK FILL SHALL BE 10% SOIL FROM PLANTING PIT AND 30% ORGANIC MATERIAL.
  - WRAP TRUNK ON EXPOSED SITES OR SPECIES WITH THIN BARK. USE ELECTRICAL TAPE, NOT TWINE.
  - WRAP OCTOBER 15 AND REMOVE BY MARCH 31.
  - DO NOT FERTILIZE TREE DURING THE FIRST GROWING SEASON.
  - COORDINATE WITH CITY FORESTRY FOR CURRENT INSECT & DISEASE RECOMMENDATIONS PRIOR TO PLANTING.



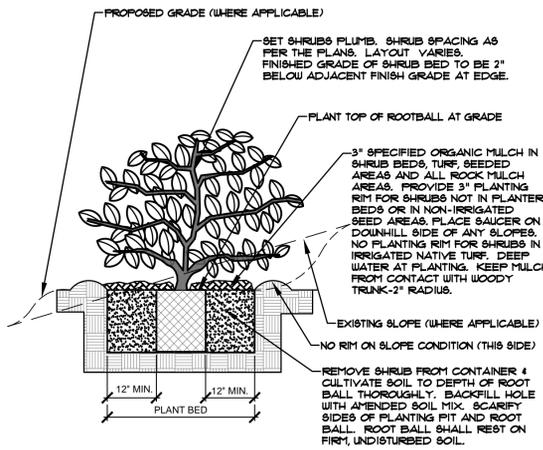
**A** DECIDUOUS TREE PLANTING DETAIL  
NOT TO SCALE

- NOTES:
- MARK NORTH SIDE OF TREE AT NURSERY AND ALIGN TREE TO NORTH WHEN PLANTING.
  - DO NOT REMOVE OR CUT LEADER.
  - PRUNE ONLY DEAD OR BROKEN BRANCHES IMMEDIATELY PRIOR TO PLANTING.
  - REMOVE ANY DOUBLE LEADER, UNLESS OTHERWISE DIRECTED BY OWNER'S REPRESENTATIVE.
  - KEEP PLANTS MOIST AND SHADED UNTIL PLANTING.
  - AVOID FALL PLANTING IF POSSIBLE.
  - AMENDED BACKFILL SHALL BE 10% SOIL FROM PLANTING PIT AND 30% ORGANIC MATERIAL.
  - PINE AND SPRUCE TREES TO BE SPRAYED FOR IPS BARK BEETLE PRIOR TO PLANTING (SEE CONIFEROUS TREE NOTE ON PLANTING NOTES SHEET)



**C** EVERGREEN TREE PLANTING DETAIL  
NOT TO SCALE

- NOTES:
- PRUNE ONLY DEAD OR BROKEN BRANCHES IMMEDIATELY PRIOR TO PLANTING.
  - KEEP PLANTS MOIST AND SHADED UNTIL PLANTING.
  - DO NOT FERTILIZE FOR AT LEAST ONE GROWING SEASON.
  - AMENDED BACK FILL SHALL BE 10% SOIL FROM PLANTING PIT AND 30% ORGANIC MATERIAL.
  - FOR ROOT BIND AT BOTTOM OF BALL SPLIT ROOT BALL VERTICALLY FROM BOTTOM HALFWAY TO TOP. SPREAD THE TWO HALVES OVER A MOUND OF SOIL IN PLANTING PIT.
  - FOR POT BOUND PLANTS ONLY: MAKE 4-5 VERTICAL CUTS IN ROOT BALL 1" DEEP. PLANT IMMEDIATELY.



**B** SHRUB PLANTING DETAIL  
NOT TO SCALE

### Arkansas Valley Seed, Inc.

Supplying QUALITY Seed  
With INTEGRITY Since 1978

## FootHills Mix

A mixture developed for elevations of 3,000 to 8,000 feet to provide natural cover under dryland conditions. Contains both cool and warm season grasses adapted to the Western Great Plains and Southwest region. Has excellent cold and drought tolerance. Good for soil stabilization on poor soils.

Seeding Rate:	Characteristics:
New Seeding Broadcast: 20-25 lbs/acre	Grows 36-50 inches with average rainfall. Excellent natural cover for dryland areas
Overseeding Broadcast: 10-15 lbs/acre	
Dilled: 5-10 lbs/acre	

Mix contains:

- 20% Annual Ryegrass: Cool season bunchgrass with germination in 5-10 days. Used for quick germination. Provides fast green-up and root structure to stabilize soil.
- 15% Stander Wheatgrass: A native species to the mountain and intermountain areas of the western United States and the northern Great Plains.
- 12% Crested Wheatgrass: Cool season bunchgrass with germination in 14-21 days. Drought tolerant, and winter hardy grass with deep rooted system making an excellent soil binder.
- 10% Mountain Brome: A cool season bunchgrass with germination in 10-14 days. Survives on thin, dry or saline soils, and displays strong winter hardiness. Will produce best in most deep fertile soils.
- 10% Hard Fescue: Cool season bunchgrass with germination in 7-10 days. Well adapted to many soil types and often used for erosion control.
- 10% Canada Bluegrass: Cool season bunchgrass with germination in 14-21 days. Often used for soil stabilization.
- 6% Sheep's Fescue: Warm season bunchgrass with germination in 14-21 days. A medium-sized perennial 15-30" tall. It is adapted to most soil conditions.
- 6% Big Bluestem: Warm season tall fescue with germination in 14-21 days. It is tall grass, reaching a height of 6 to 8 feet on most sites when left un-grazed.
- 5% Blue Grama (Crested): Warm season bunchgrass with germination in 7-10 days. This grass demonstrates good drought, salt tolerance, and moderate alkalinity tolerances.
- 5% Switchgrass: Warm season bunchgrass with germination in 21-28 days. Vary tolerant of poor soils, flooding and drought. Often used in reclamation of sand dunes and dikes.
- 1% Sand Dropseed: Warm season bunchgrass with germination 14-21 days. Commonly grows on sandy soils but is adapted to medium textured soils also.

*Formulations & varieties are subject to change without notice!*

4300 Monaco Street  
Denver, CO 80216  
P. (303) 320-7500 F. (303) 320-7516  
[www.avsseed.com](http://www.avsseed.com)

**HIGHER GROUND DESIGNS, INC.**  
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**HIGHER GROUND DESIGNS**

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