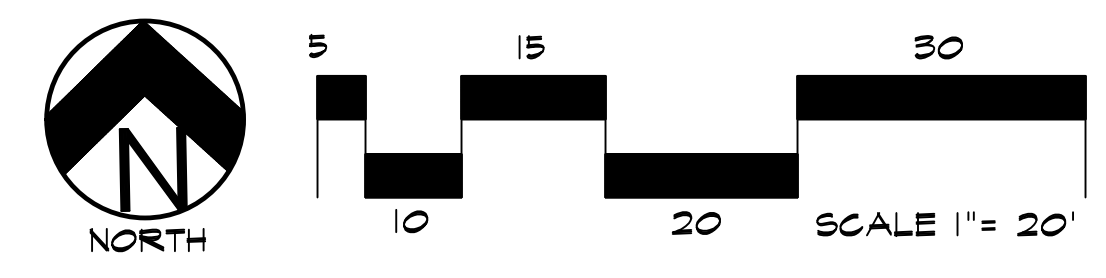


GROUND COVER LEGEND	
SYMBOL	DESCRIPTION
	Kentucky Bluegrass Sod
	Royal Granite Rock: 3/4" Diameter (with weed barrier)
	Seed Grass Mix 'A'-Low Grow. Refer to notes.
	Protect Existing Landscape/Grass - Re-seed as required due to construction

# LANDSCAPE PLAN - AREA 'A'



**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 150PSI. FOR SANITARY SEWER AND WATER MAINLINES 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 COLORADO SPRINGS UTILITIES GUIDELINES "LANDSCAPING AROUND ELECTRICAL EQUIPMENT". SEE COLORADO SPRINGS UTILITIES CONSTRUCTION STANDARD DRAWINGS 18-302 FOR SPECIFIC CLEARANCE REQUIREMENTS. ALL SHRUBS TO BE LOCATED 3' CLEAR OF ALL FIRE HYDRANTS AT MATURE SIZE.

**DOCUMENT NOTE**  
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PPR-2438

**HIGHER GROUND DESIGNS, INC.**  
 LANDSCAPE ARCHITECTURE, PLANNING & IRRIGATION DESIGN  
 5350 NORTH ACADEMY BLVD., STE. 207  
 COLORADO SPRINGS, CO 80918  
 Phone 719-477-1646  
 Fax 719-488-1122



WIDEFIELD COMMUNITY BIBLE CHURCH  
 700 QUEBEC STREET  
 COLORADO SPRINGS, CO

PREPARED FOR:  
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NOT FOR CONSTRUCTION	JOB NUMBER	1219-24
	REVISIONS	
	11-18-24	PER COUNTY COMMENTS
ORIGINAL DATE	10-2-24	
DRAWN BY	JM	
DESCRIPTION	LANDSCAPE PLAN	
SHEET NO.	L1.1	

### GENERAL SITE NOTES

- CONTRACTOR RESPONSIBLE FOR COORDINATING AND INSTALLING ALL SLEEVING REQUIRED FOR LANDSCAPE AND IRRIGATION CONSTRUCTION. COORDINATE WITH GENERAL CONTRACTOR. ALL PLANTING AREAS SHALL RECEIVE SLEEVING. REFER TO PLANTING PLAN FOR ADDITIONAL INFORMATION.
- 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 IN LOCAL CITY 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.
- THE CONTRACTOR SHALL PROTECT ALL SITE ELEMENTS DURING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO: CONCRETE FLOWWORK, CURBS & GUTTER, PAVING, SIGNS, TREES, UTILITIES, ETC. ANY DAMAGE TO INFRASTRUCTURE SHALL BE RESPONSIBILITY OF CONTRACTOR TO REPAIR AND/OR REPLACE IN EQUAL OR BETTER CONDITION. ANY DAMAGE SHALL BE DOCUMENTED THE DAY IT OCCURS AND REPORTED TO THE CLIENT WITHIN 12 HOURS. COORDINATE WITH GENERAL CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR SUBMITTING LANDSCAPE AND IRRIGATION SUBMITTALS FOR APPROVAL PRIOR TO START OF ANY WORK.

### 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/LANDSCAPE ARCHITECT FOR QUESTIONS.

QUANTITIES SHOWN IN PLANT SCHEDULE ARE FOR CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL PLANT MATERIAL PER PLAN. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THEFTS OR DAMAGE TO PLANT MATERIAL ONCE PLANT MATERIAL IS DELIVERED TO JOB SITE.

LANDSCAPE ARCHITECT SHALL HAVE OPPORTUNITY TO INSPECT AND APPROVE ALL TREES AND ALL 1-15 GALLON MATERIAL AT JOB SITE PRIOR TO PLANTING, INCLUDING PLACEMENT INSPECTION.

ALL EDGING SEPARATING GRASS AND ROCK/MULCH AREAS TO BE GREEN PRO-STEEL OR APPROVED EQUAL. EDGING TO BE EXPOSED 1/2" ABOVE FINISHED GRADES. INSTALL PER MANUFACTURE RECOMMENDATIONS. NO EDGING BETWEEN ROCK MULCHES.

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

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

TREES AND SHRUBS TO RECEIVE ORGANIC MULCH PER DETAILS, INCLUDING ROCK AREAS-SEE DETAILS. ORGANIC MULCH TO BE "CASCADE SHREDDED CEDAR WITH NO LANDSCAPE" FABRIC AND 4" DEPTH.

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 BIOMCOMP CLASS 1 (OR CITY APPROVED EQUAL)

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

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

DECORATIVE BOULDERS SHALL BE BURIED 1/3 BELOW GRADE AND SHALL NOT OBSTRUCT VEHICULAR SIGHTLINES IF APPLICABLE.

PRIOR TO INSTALLING PLANTS OR GROUND COVER BROADCAST PREEN WEED PRE-EMERGENT IN ALL PLANTING AREAS PER MANUFACTURE RECOMMENDATIONS. [WWW.PREEN.COM](http://WWW.PREEN.COM)

### SOIL PREP NOTES

- SOIL PREPARATION FOR UNDISTURBED OR COMPACTED PLANTING AREAS:
- IF UNDISTURBED 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 EXTRANEIOUS MATERIAL OVER TWO (2) INCHES IN DIAMETER FROM THE SITE.

### 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.

### TREE AND SITE PROTECTION

CONTRACTOR TO PROVIDE PROTECTION FOR EXISTING AND/OR RELOCATED TREES TO BE PROTECTED AS SHOWN PER PLAN. CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY DAMAGE TO PROTECTED TREES AND/OR ADJACENT LANDSCAPE. CONTRACTOR SHALL PROVIDE 4' HIGH RIGID TREE PROTECTION FENCING. EACH TREE TO BE PROTECTED SHALL BE MARKED-SEE DETAIL.

CONTRACTOR SHALL COORDINATE EXISTING TREE / LANDSCAPE REMOVAL AND PROTECTION PER PLAN WITH GENERAL CONTRACTOR.

### SEEDING NOTES

SEED MIX 'A': NATIVE SEED TO BE EL PASO COUNTY LOW GROW MIX. REFER TO CHART. SEED TO BE APPLIED AT 4LBS/1,000 SF USING DRILL SEED PROCESS OR HYDRO-SEED PROCESS MINIMUM OR PER EL PASO GUIDELINES. SOIL SHALL BE AMENDED BREW-GRO BIOMCOMP CLASS 1 (OR CITY APPROVED EQUAL) AT 2 C.Y./1,000 SF TILLED INTO TOP 4-6" OF SOIL PRIOR TO SEEDING. REFER TO CHART 5-2 FOR IRRIGATED MIX.

DEPENDENT 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 3/8" INCH BELOW THE SOIL SURFACE. HALF OF THE TOTAL RATE OF SEED APPLICATION SHALL BE DRILLED IN 1 DIRECTION, WITH THE REMAINDER OF THE SEEDS 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 UNIFORM DISTRIBUTION. APPLICATION SHALL BE IN A MANNER TO NOT SERIOUSLY DISTURB THE SEEDBED SURFACE.

### NATIVE GRASS MANAGEMENT NOTE

#### ON-GOING MAINTENANCE RECOMMENDATIONS FOR NATIVE GRASS

WELL ESTABLISHED SEEDED LAWN SHALL BE A HEALTHY, WELL-ROOTED, EVEN-COLORED, AND FREE OF WEEDS, BARE AREAS, AND SURFACE IRREGULARITIES.

THE MATURE HEIGHT OF NATIVE GRASS IS EXPECTED TO BE MAINTAINED AT ABOUT 6" HIGH AND MOWED TO 3" ONCE ANNUALLY IN THE LATE WINTER OR EARLY SPRING, AND IRRIGATED ON REDUCED WATER SCHEDULE.

THE SUCCESS OF PERMANENT NATIVE GRASS SEEDING CAN RARELY BE EVALUATED ACCURATELY PRIOR TO THE END OF ITS SECOND FULL GROWING SEASON. SEEDING SUCCESS DEPENDS UPON CONTROL OF WEED COMPETITION DURING THE FIRST TWO GROWING SEASONS. IN ADDITION, THE SITE SHOULD BE MONITORED ANNUALLY FOR UNDESIRABLE PLANT SPECIES.

THE SITE SHOULD BE MONITORED FOR UNDESIRABLE PLANT SPECIES. IF WEED CONTROL NEEDS TO BE PERFORMED DURING THE FIRST YEAR OF PLANT GROWTH, UTILIZE ONE OF TWO METHODS. REGARDLESS OF WHICH METHOD OF WEED CONTROL IS USED, COMPLETE BEFORE FLOWERING OF WEED SEED HEADS. SINCE WEED SPECIES MAY DEVELOP MATURE SEED HEADS AT DIFFERENT TIME OF THE GROWING SEASON, WEED CONTROL EFFORTS WILL BE REQUIRED.

- HAND PULL NOXIOUS WEEDS, REMOVING AS MUCH OF THE ROOT SYSTEM AS POSSIBLE.
- USE WEED EATERS TO SELECTIVELY CUT OFF THE SEED HEADS OF NOXIOUS WEEDS. USE SELECTIVE BROADLEAF HERBICIDE SUCH AS 2-4-D WITH A BACKPACK SPRAYER OR WICK APPLICATOR. BE CAREFUL NOT TO APPLY HERBICIDE ON MORE THAN ONE SQUARE FOOT IN ANY GIVEN AREA. CONTRACTOR TO NOTIFY OWNERS AUTHORIZED REPRESENTATIVE OF ANY SUSPECTED SOIL PROBLEMS AT THE END OF THE FIRST GROWING SEASON. BROADBAND APPLICATIONS OF HERBICIDE CAN BE COMPLETED AFTER NATIVE GRASS SPECIES REACH MATURE HEIGHT.

### MAINTENANCE NOTE

#### ON-GOING MAINTENANCE DURING CONSTRUCTION:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ON-GOING MAINTENANCE OF ALL COMPLETED LANDSCAPE AND IRRIGATION WORK AS DEFINED UNDER CONTRACT WITH OWNER.

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, REPAIRING 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, GRASSES 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.



Know what's below.  
Call before you dig.

### UTILITIES NOTE

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### PLANT SCHEDULE

Symbol	Abbr.	Quantity	Botanical Name	Common Name	Mature Wdth/Hght	Size
<b>EVERGREEN TREES:</b>						
	PE	7	Pinus edulis	Pinyon Pine	15'x15'	B&B
	PP	2	Pinus ponderosa	Ponderosa Pine	20'x45'	6' ht.
<b>DECIDUOUS TREES:</b>						
	GTSM	5	Gleditsia triacanthos 'Shademaster'	Shademaster Honeylocust	30'	1-1/2" cal.
	CH	6	Crataegus crus-galli inermis 'Hawthorn'	Cockspur Hawthorn	15'x15'	1" cal.
	PV	5	Prunus virginiana 'Sucker Punch'	Canada Red Cherry Sucker Punch	15'x15'	1" cal.
<b>EVERGREEN SHRUBS:</b>						
	JL	6	Juniperus sabina	Buffalo Juniper	6-8' x 12-18"	5 gal.
	JA	6	Juniperus chinensis 'Armstrong'	Armstrong Juniper	3-4' x 3-4'	5 gal.
	JR	13	Juniperus horizontalis 'Wiltonii'	Blue Rug Juniper	6-8' / 6-8"	5 gal.
<b>DECIDUOUS SHRUBS:</b>						
	CC	9	Caryopteris x clandonensis 'Drk Knt'	Dark Knight Blue Mist Spirea	2' / 2-4'	5 gal.
<b>PERENIALS &amp; ORNAMENTAL GRASSES:</b>						
	CA	30	Calamagrostis acutiflora 'Karl Foerster'	Feather Reed Grass	1-3' / 2-3'	1 gal.
	SAL	20	Salvia nemorosa 'May Night'	May Night Salvia	24 x 24"	1 gal.

NOTE: ALL QUANTITIES SHALL BE PER PLAN. LEGEND SF ARE FOR REFERENCE ONLY.

### GROUND COVER LEGEND

SYMBOL	DESCRIPTION	APPROX. SF
	Kentucky Bluegrass Sod Submit sample to owner prior to ordering material	1,510 SF
	Denver Granite Rock (or approved equal): 3/4" Diameter (with weed barrier) Submit sample to owner prior to ordering material	6,034 SF
	Seed Grass Mix 'A'-Low Grow. Refer to notes. Submit spec to owner prior to ordering material	11,591 SF
	Protect Existing Landscape/Grass - Re-seed as required due to construction	
	Steel Edger. See notes	
	Protect Existing Tree	
	Remove Existing Tree	

NOTE: ALL QUANTITIES SHALL BE PER PLAN. LEGEND SF ARE FOR REFERENCE ONLY.

### GRADE NOTE

GRADE SHALL BE ESTABLISHED BASED ON GRADING PLAN BY OTHERS, AND FOR LANDSCAPE MATERIALS PER PLAN. FINAL SOIL GRADE FOR 5-12" DIAMETER ROCK AREAS SHALL BE 4" BELOW TOP OF SIDEWALK/CURB/PAVING. AT ALL OTHER ROCK AREAS GRADE SHALL BE 3" BELOW SIDEWALK/CURB. AT SOD/SEED AREAS GRADE SHALL BE 1" BELOW TOP OF SIDEWALK/CURB.

### MATERIAL NOTE

ROCK MATERIAL AVAILABLE THRU TIMBERLINE ROCK N' ROLL. CONTACT ERIC 'SCOOTER' HALLSTRAND. 719-600-8751 E.HALLSTRAND@TIMBERLINEROCKNROLL.COM

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PPR-2438

<b>NOT FOR CONSTRUCTION</b>	JOB NUMBER		<b>1219-24</b>
	REVISIONS		
	11-18-24	PER COUNTY	COMMENTS
ORIGINAL DATE	10-2-24		
DRAWN BY	JM		
DESCRIPTION	LANDSCAPE NOTES		
SHEET NO.	L1.2		

WIDEFIELD COMMUNITY BIBLE CHURCH  
700 QUEBEC STREET  
COLORADO SPRINGS, CO

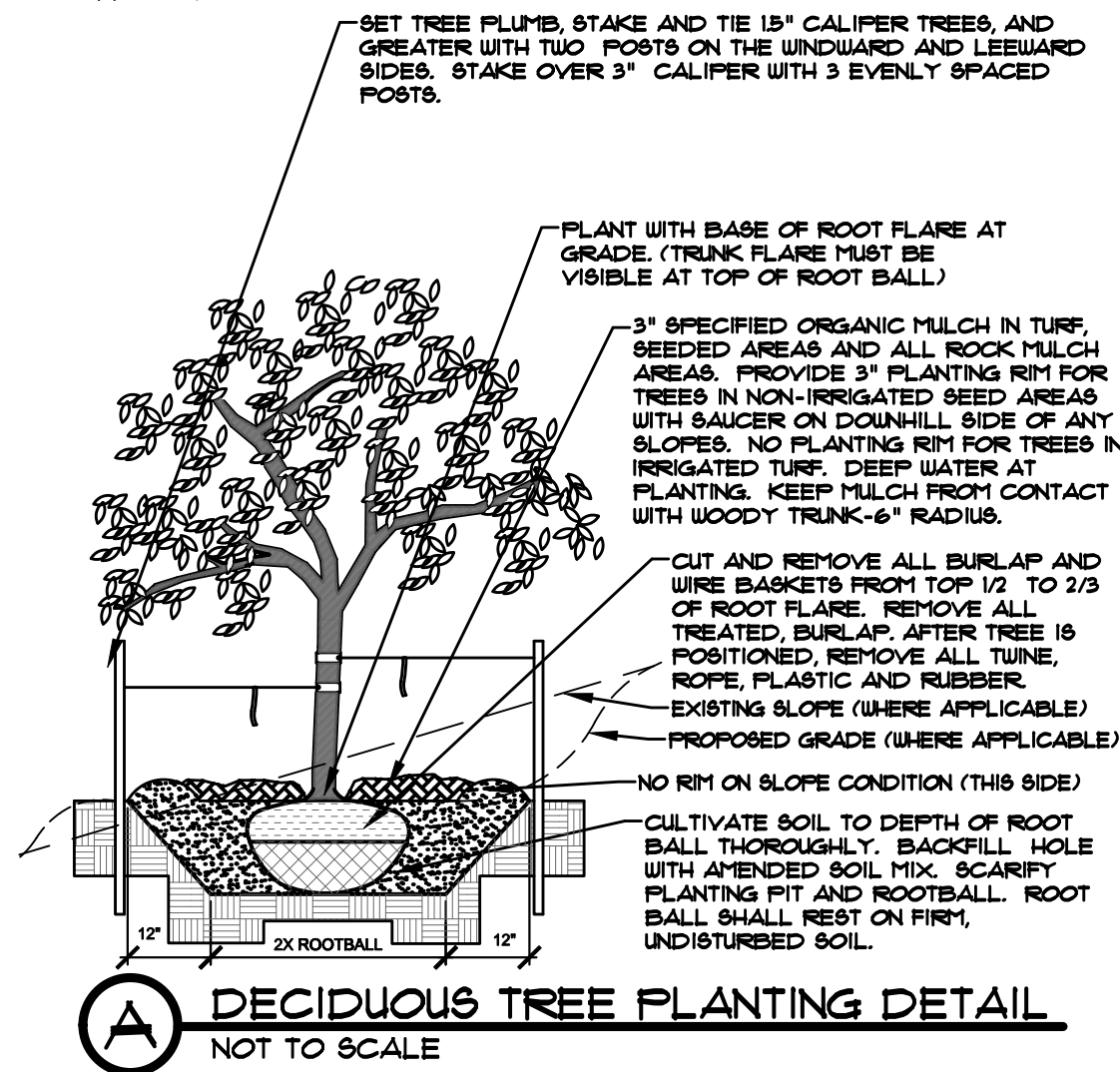
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**HIGHER GROUND DESIGNS, INC.**  
LANDSCAPE ARCHITECTURE, PLANNING & IRRIGATION DESIGN

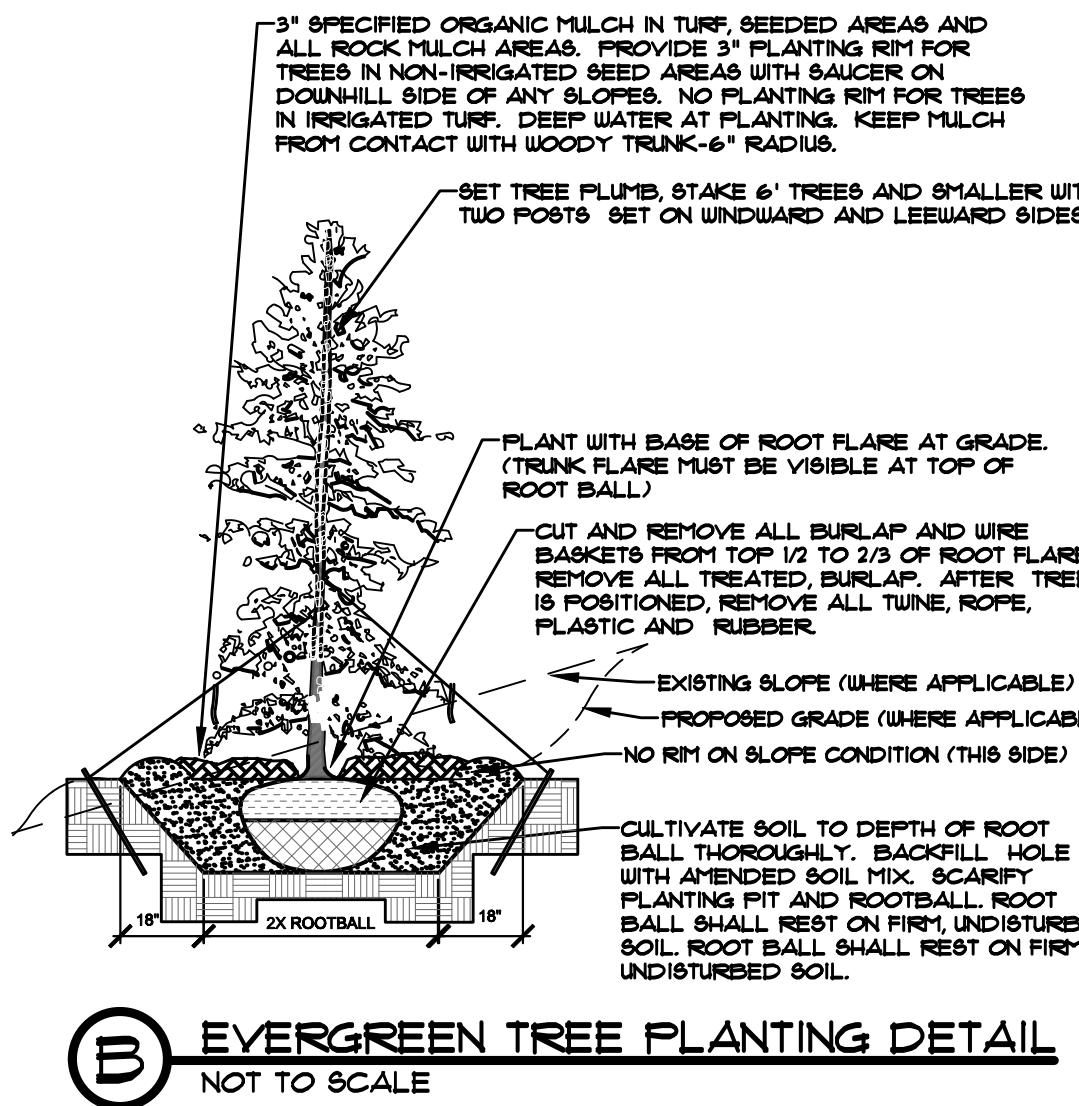
5350 NORTH ACADEMY BLVD., STE. 207  
COLORADO SPRINGS, CO 80918  
Phone 719-477-1648  
Fax 719-586-1122



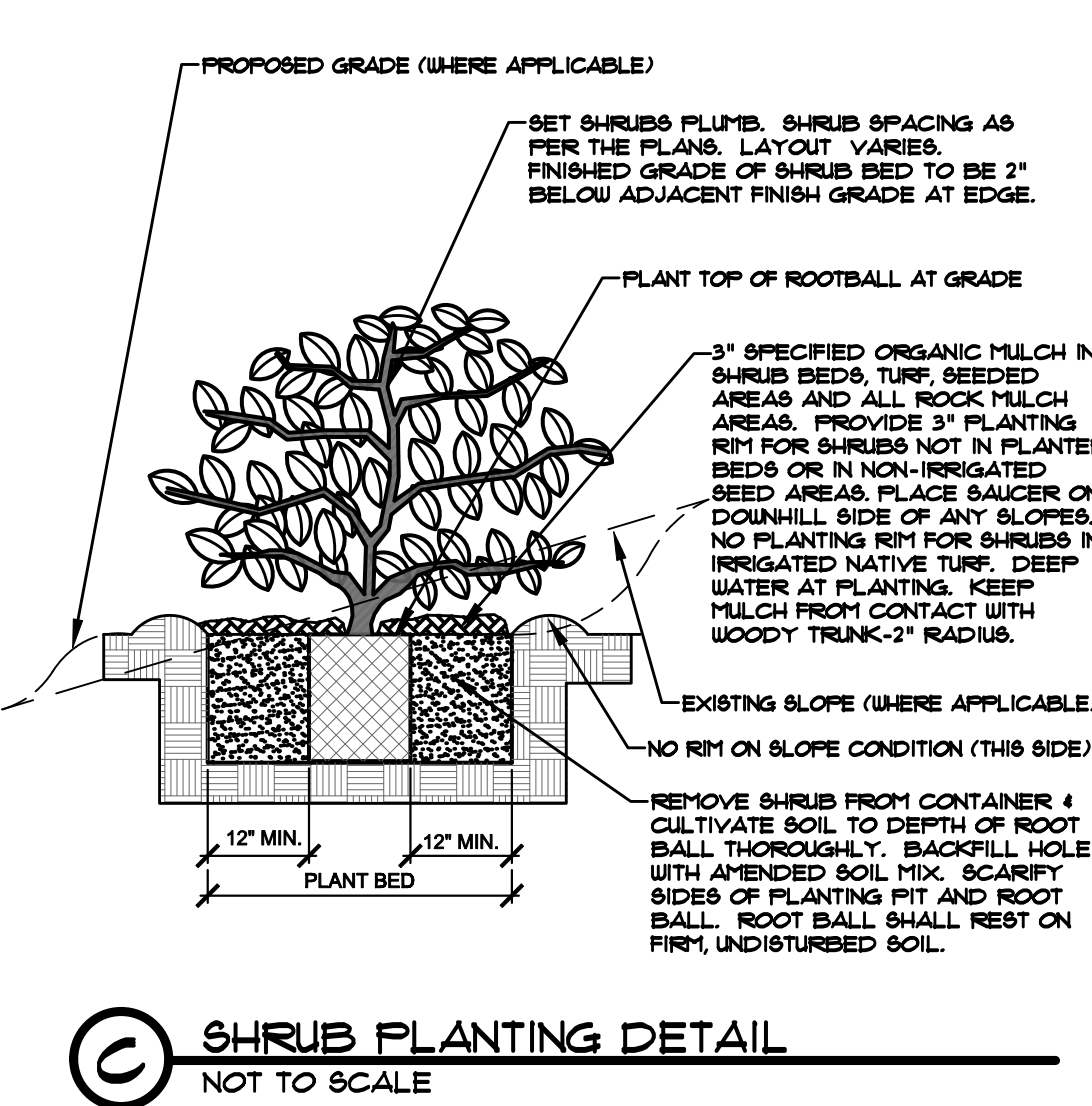
- NOTES:
- MARK NORTH SIDE OF TREE AT NURSERY AND ALIGN TREE TO NORTH WHEN PLANTING.
  - DO NOT REMOVE OR CUT LEADER.
  - PRUNE ONLY DEAD OR BROKEN BRANCHES OR WEAK BRANCHES (OR HANGING CROTCHES) IMMEDIATELY PRIOR TO PLANTING. DO NOT REMOVE TERMINAL BUDS THAT EXTEND TO TREE CROWN.
  - NO STRUCTURAL PRUNING 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 50% SOIL FROM PLANTING PIT AND 50% ORGANIC MATERIAL.
  - WRAP TRUNK ON EXPOSED SITES OR SPECIES WITH THIN BARK. USE ELECTRICAL TAPE, NOT TUNE, 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.



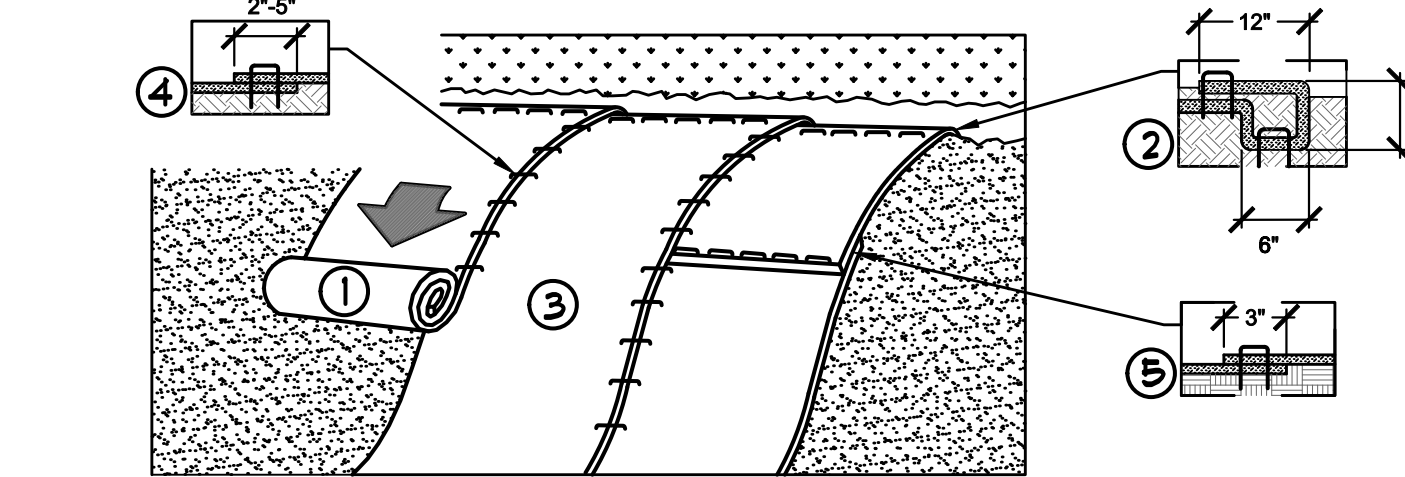
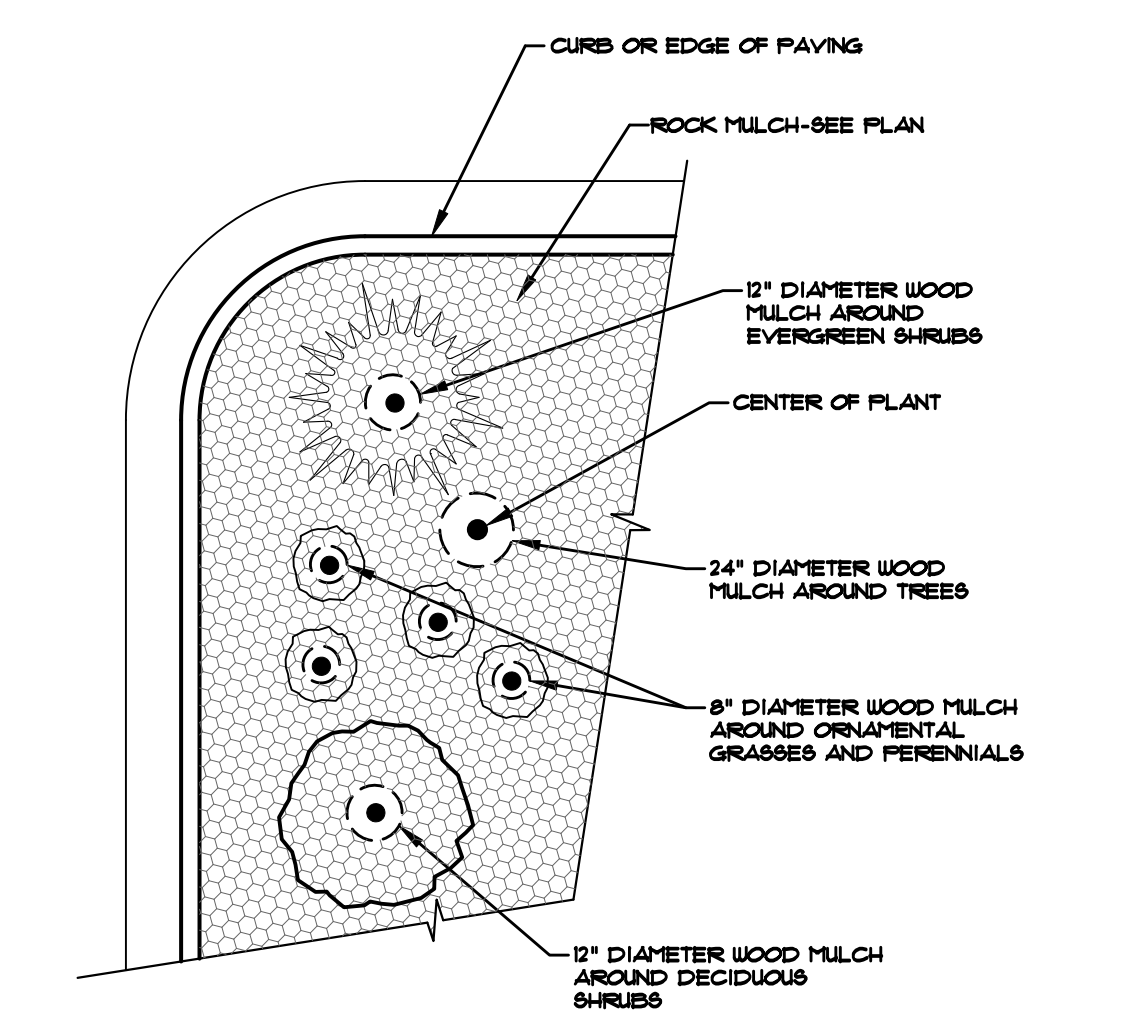
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  - KEEP PLANTS MOIST AND SHADED UNTIL PLANTING.
  - AVOID FALL PLANTING IF POSSIBLE.
  - AMENDED BACKFILL SHALL BE 10% SOIL FROM PLANTING PIT AND 90% ORGANIC MATERIAL.
  - FINE AND SPRUCE TREES TO BE SPRAYED FOR IPS BARK BEETLE PRIOR TO PLANTING (SEE CONIFERUS TREE NOTE ON PLANTING NOTES SHEET).



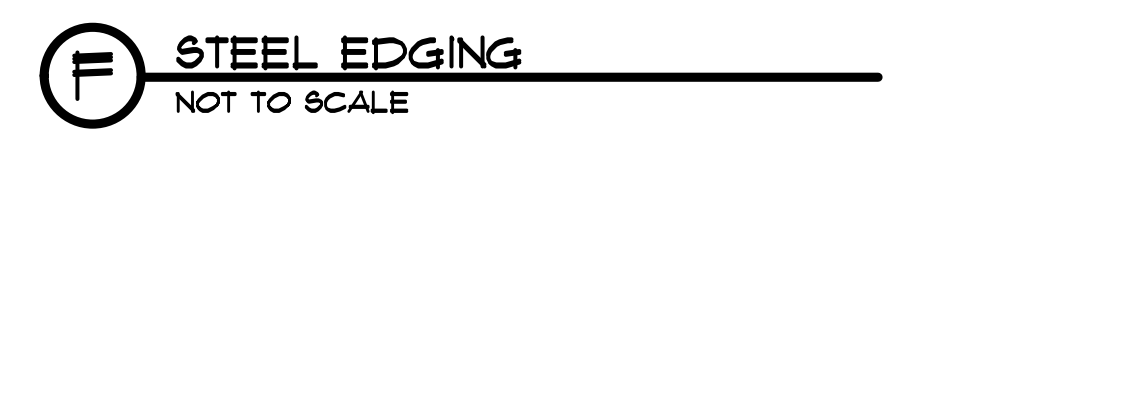
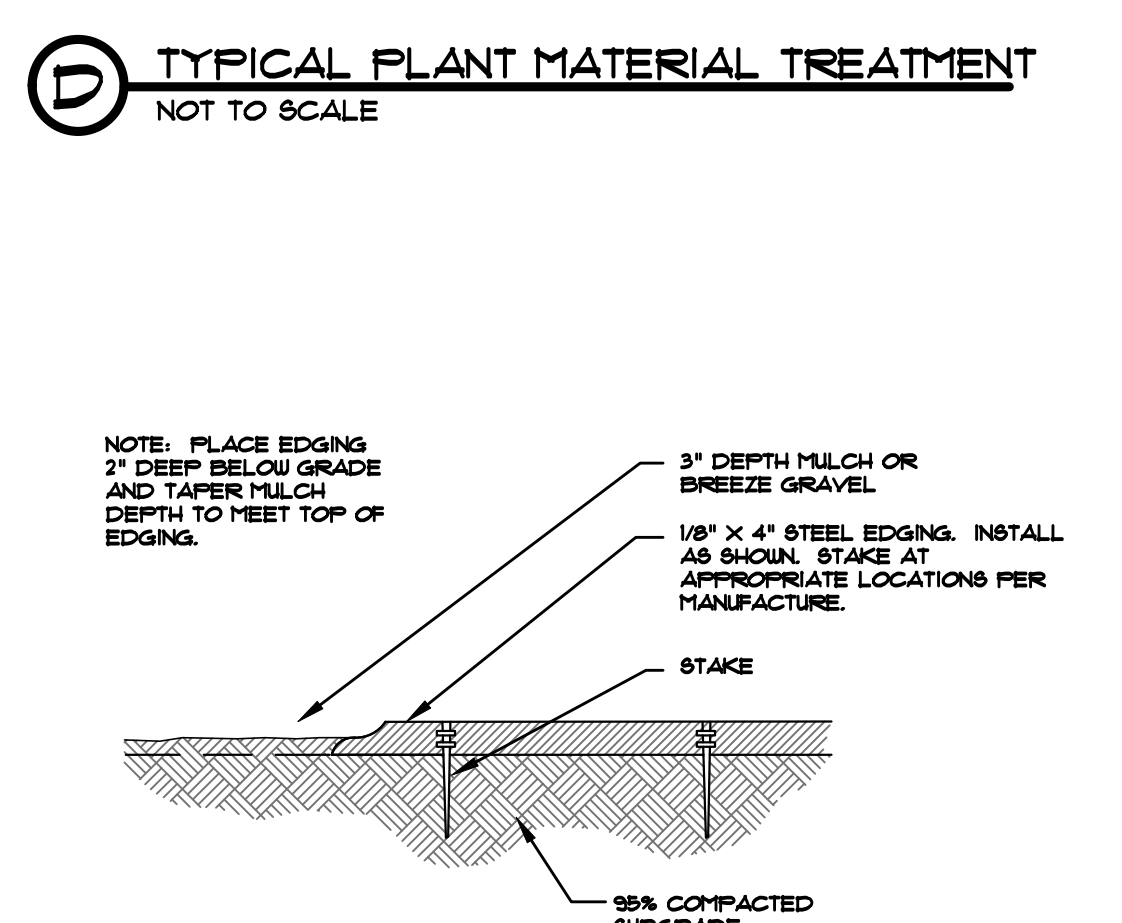
- NOTES:
- PRUNE ONLY DEAD OR BROKEN BRANCHES IMMEDIATELY PRIOR TO PLANTING.
  - KEEP PLANTS MOIST AND SHADED UNTIL PLANTING.
  - DO NOT FERTILIZE FOR AT LEAST ONE GROWING SEASON.
  - AMENDED BACK FILL SHALL BE 10% SOIL FROM PLANTING PIT AND 90% ORGANIC MATERIAL.
  - FOR ROOT END AT BOTTOM OF BALL, SPLIT 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.



- NOTES:
- CONTRACTOR TO INSTALL WOOD MULCH RINGS AROUND LANDSCAPING AS SHOWN BELOW FOR ALL TREES, SHRUBS, PERENNIALS AND ORNAMENTAL GRASSES INSTALLED IN ROCK MULCHED AREAS. ROCK SHALL BE CLEAR FROM SHRUBS IN UNIFORM CIRCLE AND WOOD MULCH APPLIED AT 2" DEPTH. SEE CONSTRUCTION DETAILS FOR INSTALLATION PROCESS.
  - REFER TO LANDSCAPE PLANS FOR ALL TREE, SHRUB AND ORNAMENTAL GRASS LOCATIONS.



- PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP'S), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.  
NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" (8 CH) DEEP X 6" (8 CH) WIDE TRENCH WITH APPROXIMATELY 12" (30 CH) OF RECP'S EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP'S WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CH) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CH) PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CH) APART ACROSS THE WIDTH OF THE RECP'S.
- ROLL THE RECP'S (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. RECP'S WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP'S MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
- THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2" - 5" (8 CH - 13 CH) OVERLAP DEPENDING ON RECP'S TYPE.
- CONSECUTIVE RECP'S APPLIED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (15 CH) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CH) APART ACROSS ENTIRE RECP'S WIDTH.  
NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (8 CH) MAY BE NECESSARY TO PROPERLY SECURE THE RECP'S.



**SEED MIX 'A'**

Chapter 5  
Native Vegetation Requirements and Guidelines

Table 5-1. El Paso County Conservation District All-Purpose Mix for Upland, Transition and Permanent Control Measure Areas

Common Name	Scientific Name	Growth Season / Form	% of Mix	Pounds PLS		
				Irrigated broadcast	Non-irrigated broadcast	Non-irrigated drilled
Bluestem, big	<i>Andropogon gerardii</i>	Warm, sod	20	4.4	2.2	1.1
Grama, blue	<i>Bouteloua gracilis</i>	Warm, bunch	10	0.5	0.25	0.13
Green needlegrass <sup>2</sup>	<i>Nassella viridula</i>	Cool, bunch	10	2	1	0.5
Wheatgrass, western <sup>2</sup>	<i>Pascopyrum smithii</i>	Cool, sod	20	6.4	3.2	1.6
Grama, sideoats	<i>Bouteloua curtipendula</i>	Warm, bunch	10	2	1	0.5
Switchgrass <sup>2</sup>	<i>Panicum virgatum</i>	Warm, bunch/sod	10	0.8	0.4	0.2
Prairie sandreed	<i>Calamovilfa longifolia</i>	Warm, sod	10	1.2	0.6	0.3
Yellow indiagrass <sup>2</sup>	<i>Sorghastrum nutans</i>	Warm, sod	10	2	1	0.5
Seed rate (lbs PLS/acre)				19.3	9.7	4.8

<sup>1</sup>For portions of facilities located near or on the bottom or where wet soil conditions occur. Planting of potted nursery stock wetland plants 2-foot-on-center is recommended for sites with wetland hydrology.

<sup>2</sup>Species that will do well in the bottom of pond areas.

## CODE REQUIREMENTS

LANDSCAPE SETBACKS (L6)					
STREET NAME OR ZONE BOUNDARY (ELEV.)	STREET CLASSIFICATION	WIDTH (FT.) REQ./PROV.	LINEAR FOOTAGE	TREE FEET REQUIRED	NO. OF TREES REQ./PROVIDED
QUEBEC STREET	NON-ARTERIAL	10/10	225 LF	1/30 FT	8/8

MOTOR VEHICLE LOTS (M7)			
NO. OF VEHICLE SPACES PROVIDED	SHADE TREES (1/15 SPACES) REQ./PROV.	VEHICLE LOT FRONTAGE(S)	2/3 LENGTH OF FRONTAGE (FT)
75	5/5	108 LF	12 LF
MIN. 3' SCREENING REQ./PROV.	EVERGREEN PLANTS REQ./PROV.		
15/15	6/6		

INTERNAL LANDSCAPING (I1)			
INTERNAL LANDSCAPE AREA INCLUDES ALL LANDSCAPE AREAS NOT INCLUDING SETBACKS, BUFFERS OR MOTOR VEHICLE ISLANDS. INTERNAL LANDSCAPE AREA IS CALCULATED USING THE ENTIRE LOT. MAXIMUM OF 50% OF REQUIRED TREES MAY BE SUBSTITUTED WITH 10 SHRUBS.			
NET SITE AREA (SF) (LESS PUBLIC ROW)	PERCENT MINIMUM INTERNAL AREA (5%)	INTERNAL AREA (SF) REQ./PROV.	INTERNAL TREES (1/500 SF) (EXCLUDING DRIVEWAYS)
82,328 SF	NON-RESIDENTIAL	4,111 / 5,000 SF	8/8 EXISTING TREES
SHRUB SUBSTITUTES REQ./PROV.		INTERNAL PLANT ABBR. DENOTED ON PLAN	PERCENT GROUND PLANE VEG. REQ./PROV.
0/0		IL	30/30

LANDSCAPE BUFFERS AND SCREENS (L8)		
STREET NAME OR PROPERTY LINE (ELEV.)	LINEAR FOOTAGE	BUFFER TREES (1/30') REQ./PROV.
ZONE DISTRICT BOUNDARY SOUTH EAST	331 LF	12/12

**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 150PSI. FOR SANITARY SEWER AND WATER MAINLINES 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 COLORADO SPRINGS UTILITIES GUIDELINES "LANDSCAPING AROUND ELECTRICAL EQUIPMENT". SEE COLORADO SPRINGS UTILITIES CONSTRUCTION STANDARD DRAWINGS 18-302 FOR SPECIFIC CLEARANCE REQUIREMENTS. ALL SHRUBS TO BE LOCATED 3' CLEAR OF ALL FIRE HYDRANTS AT MATURE SIZE.

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PREPARED FOR:

JOB NUMBER: **1219-24**

REVISIONS	PER COUNTY COMMENTS
11-18-24	

ORIGINAL DATE: **10-2-24**

DRAWN BY: **JM**

DESCRIPTION: **LANDSCAPE DETAILS**

SHEET NO.: **L1.3**