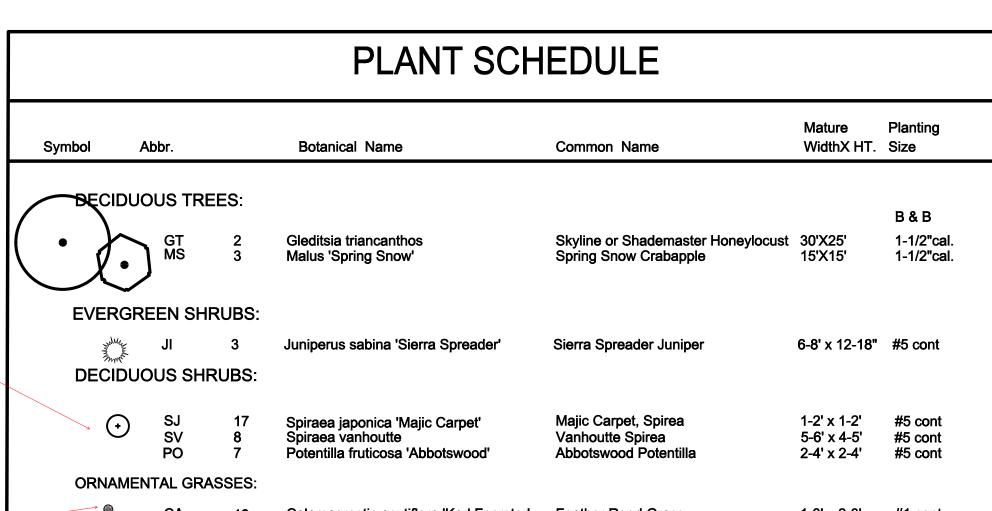
# 949-20 ORIGINAL DATE 9-8-20 PRAWN BY: JM DESCRIPTION:

LANDSCAPE 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

APPROVED BY OWNER'S REPRESENTATIVE OR LANDSCAPE ARCHITECT. DEVIATIONS FROM THE APPROVED PLAN WILL REQUIRE APPROVAL BY EL PASO COUNTY AND OWNER REPRESENTATIVE.



# Calamagrostis acutiflora 'Karl Foerster' Feather Reed Grass 1-3' x 2-3' #1 cont NOTE: QUANTITIES SHOWN IN SCHEDULE ARE FOR CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL MATERIALS PER PLAN.

SYMBOL	DESCRIPTION	APPROX. SF
	Arkansas Tan Rock: 1.5" Diameter (with weed barrier) Submit sample to Owner for approval.	2,260 SF
	Denver Granite Rock: .75" Diameter (with weed barrier) Submit sample to Owner for approval.	3,280 SF
	Edger: 4-8" Dia. Arkansas Tan Cobble.	

# 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.

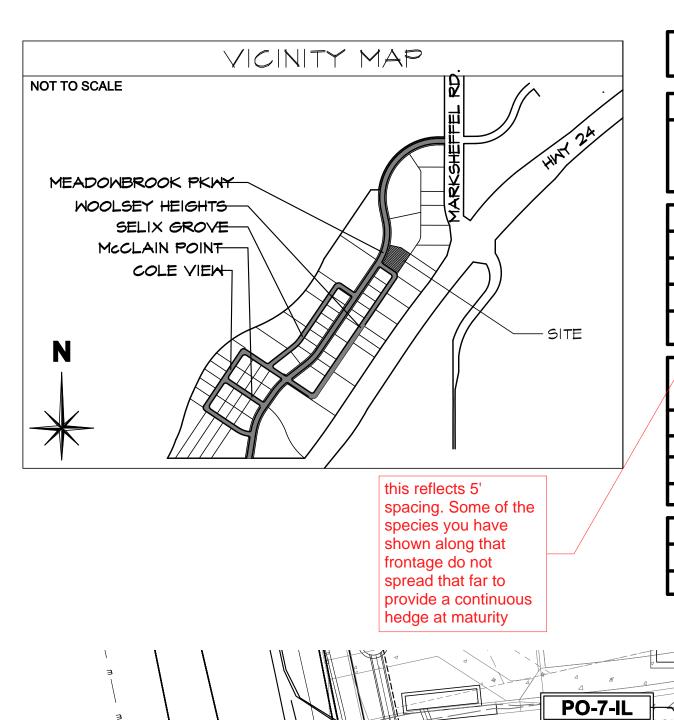
# Know what's below. Call before you dig.

## **UTILITIES NOTE**

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

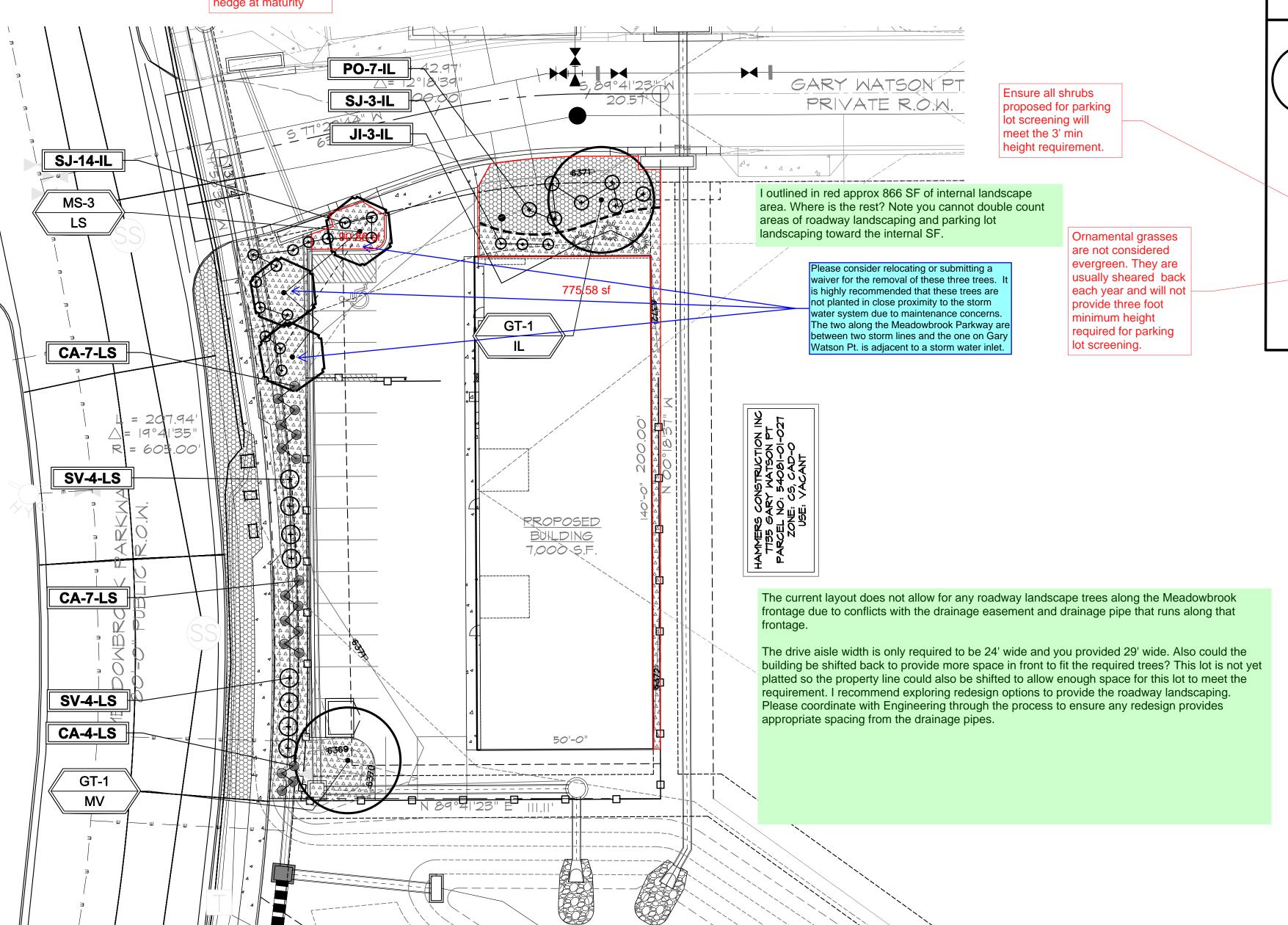
#### DOCUMENT NOTE

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LANDSCAPE SETBACKS (LS) STREET NAME OR ZONE BOUNDARY (ELEV.) Roadway landscaping along Garry Watson? Code does not exclude private roadways. MOTOR VEHICLE LOTS (MV) VEHICLE LOT FRONTAGE(6) 2/3 LENGTH OF FRONTAGE (FT) FRONTAGE (FT) INTERNAL LANDSCAPING (IL) INTERNAL LANDSCAPE AREA INCLUDES ALL LANDSCAPE AREAS NOT INCLUDING SETBACKS, BUFFERS OR MOTOR VEHICLE ISLANDS. 1,1100 SF/ 1,5000 SF INTERNAL PLANT ABBR PERCENT GROUND PLANE DENOTED ON PLAN VEG. REQ./PROV. SHRUB SUBSTITUTES (50%) REQ/PROV. LANDSCAPE BUFFERS AND SCREENS (LB)

CODE REQUIREMENTS



LANDSCAPE PLAN - LOT 2,1-1

NOTE: FOR DRAWING SHEET SIZE LESS THAN 24x36" REFER TO BAR SCALE.

3 evergreen shrubs are shown on the plan

schedule and none of those are depicted

along the meadowbrook frontage which

requires evergreen screening. You have indicated that 15 evergreen shrubs are

not present. Please provide for next

proposed along that frontage and they are

submittal. Note that all parking lot screening

shrubs shall mature at 3" minimum height.

#### 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 FLATWORK, CURB & 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.

#### **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.

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.

GROUND COVER SHALL BE CONTINUOUS UNDER ALL SHRUBS THROUGHOUT PROJECT SITE. REFER TO PLANTING DETAILS.

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

DO NOT PLANT SHRUBS OR TREES OF INCOMPATIBLE WATER REQUIREMENTS IMMEDIATELY ADJACENT (MINIMUM 5') TO ONE

PLANT BACKFILL SHALL BE 70% NATIVE ON-SITE SOIL, AND 30% BREW-GRO BIOCOMP CLASS 1 (OR CITY APPROVED EQUAL).

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 PLANT SAFE PREEN WEED PRE-EMERGENT IN ALL PLANTING AREAS PER MANUFACTURE RECOMMENDATIONS. www.preen.com

## 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.

#### SOIL PREP NOTES

#### SOIL PREPARATION FOR UNDISTURBED OR COMPACTED AREAS:

- A. 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.
- B. REMOVE ALL RUBBLE, STONES AND EXTRANEOUS MATERIAL OVER TWO (2) INCHES IN DIAMETER FROM THE SITE.
- C. FOR TREE LOCATIONS REMOVE AND REPLACE EXISTING SOIL TO 36" DEPTH. IF CLAY OR SAND REPLACE WITH GRADE B TOPSOIL.

#### 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, REPLANTING AS REQUIRED THROUGH CONSTRUCTION PERIOD. REMULCH 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.

#### MARK NORTH SIDE OF TREE AT NURSERY AND ALIGN TREE TO NORTH WHEN PLANTING. . DO NOT REMOVE OR CUT LEADER. PRINE ONLY DEAD, BROKEN, CROSSING, OR WEAK BRANCHES (OR NARROW CROTCHES) IMMEDIATELY PRIOR TO PLANTING. DO NOT REMOVE TERMINAL BUDS THAT EXTEND TO TREE

• 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 70% SOIL FROM PLANTING PIT AND 30% ORGANIC MATERIAL. ullet 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

-SET TREE PLUMB, STAKE AND TIE 15" CALIPER TREES AND GREATER WITH TWO POSTS ON THE WINDWARD AND LEEWARD SIDES + STAKE OVER 3" CALIPER WITH 3 EVENLY SPACED POSTS. USE NYLON STRAP WITH GROMMETS BELOW MIDPOINT OF TREE. TIGHTEN "10 GUY WIRE BY TWISTING, PROTECT BRANCHES FROM TOUCHING WIRE. ALLOW A SLIGHT SAG FOR SWAY. PROVIDE FLAGGING TAPE 6" DANGLING. SET STAKES IN MINIMUM 18" FIRM SOIL. REMOVE STAKES IN 12-18 MONTHS. -PLANT WITH BASE OF ROOT FLARE AT GRADE. (TRUNK FLARE MUST BE VISIBLE AT TOP OF ROOT BALL) SEEDED AREAS AND ALL ROCK MULCH AREAS. PROVIDE 3" PLANTING RIM FOR TREES IN NON-IRRIGATED SEED AREAS WITH SAUCER ON DOWNHILL SIDE OF ANY SLOPES. NO PLANTING RIM FOR TREES IN IRRIGATED TURF. DEEP WATER AT PLANTING. KEEP MULCH FROM CONTACT WITH WOODY TRUNK-6" RADIUS. WIRE BASKETS FROM TOP 1/2 TO 2/3 OF ROOT FLARE. REMOVE ALL TREATED, BURLAP, AFTER TREE IS POSITIONED, REMOVE ALL TWINE, ROPE, PLASTIC AND RUBBER. EXISTING SLOPE (WHERE APPLICABLE) PROPOSED GRADE (WHERE APPLICABLE) -NO RIM ON SLOPE CONDITION (THIS SIDE) BALL THOROUGHLY. BACKFILL HOLE WITH AMENDED SOIL MIX. SCARIFY

DECIDUOUS TREE PLANTING DETAIL

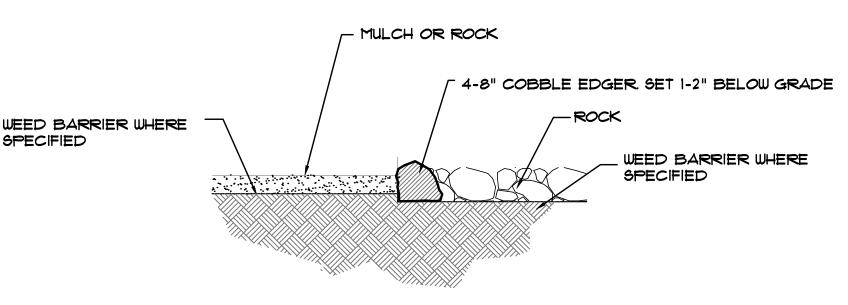
• PRINE ONLY DEAD OR BROKEN BRANCHES IMMEDIATELY PRIOR TO PLANTING. • KEEP PLANTS MOIST AND SHADED UNTIL PLANTING.

 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 I" DEEP. PLANT

-PROPOSED GRADE (WHERE APPLICABLE) SET SHRUBS PLUMB. SHRUB SPACING AS PER THE PLANS. LAYOUT VARIES. FINISHED GRADE OF SHRUB BED TO BE 2" BELOW ADJACENT FINISH GRADE AT EDGE. -PLANT TOP OF ROOTBALL AT GRADE 3" SPECIFIED ORGANIC MULCH IN SHRUB BEDS, TURF, SEEDED AREAS AND ALL ROCK MULCH AREAS. PROVIDE 3" PLANTING RIM FOR SHRUBS NOT IN PLANTER BEDS OR IN NON-IRRIGATED SEED AREAS, PLACE SAUCER ON DOWNHILL SIDE OF ANY SLOPES. NO PLANTING RIM FOR SHRUBS IN IRRIGATED NATIVE TURF. DEEP JATER AT PLANTING. KEEP MULCH FROM CONTACT WITH WOODY TRUNK-2" RADIUS. -EXISTING SLOPE (WHERE APPLICABLE) -NO RIM ON SLOPE CONDITION (THIS SIDE) CULTIVATE SOIL TO DEPTH OF ROOT 12" MIN. BALL THOROUGHLY. BACKFILL HOLE WITH AMENDED SOIL MIX. SCARIFY

BALL. ROOT BALL SHALL REST ON



PLANTING PIT AND ROOTBALL. ROOT

BALL SHALL REST ON FIRM,



#### **UTILITIES NOTE**

/ERIFY 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 EL PASO COUNTY. ALL SHRUBS TO BE LOCATED 3' CLEAR OF ALL FIRE HYDRANTS AT MATURE SIZE.

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949-20 DRIGINAL DATE 9-8-20 RAWN BY: JM ESCRIPTION: **DETAILS AND NOTES** 

FILING NO.1, LOT 1 7715 GARY WATSON POINT COLORADO SPRINGS, 80915 EL PASO COUNTY, CO

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