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
- 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.
- 7. 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.
- CONTRACTOR IS RESPONSIBLE FOR SUBMITTING LANDSCAPE AND IRRIGATION SUBMITTALS FOR APPROVAL PRIOR TO START OF ANY WORK.

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

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

FUTURE CANOPY **AREA D AREA C AREA F AREA G** ----

OVERALL LANDSCAPE PLAN



UTILITIES NOTE

CODE REQUIREMENTS

STREET NAME OR ZONE BOUNDARY (ELEV.)	STREET CLASSIFICATION	WIDTH (FT.) REQ./PROV.	LINEAR FOOTAGE	TREE/FEET REQUIRED	NO. OF TREES REQ./PROVIDED
E. PLATTE AVE.	MAJOR ARTERIAL	20/20 FT	53Ø	1/25 FT	22/22

MOTOR VEHICLE LOTS (MV)					
NO. OF VEHICLE SPACES PROVIDED	SHADE TREES (1/15 SPACES) REQ./PROV.	VEHICLE LOT FRONTAGE(S)	2/3 LENGTH OF FRONTAGE (FT)		
6	1/1	NA			
MIN. 3' SCREENING PLANTS REQ./PROV.	EVERGREEN PLANTS REQ. 50%/PROV.				
0/0	0/0				

INTERNAL LANDSCAPIN	NG (IL)		
			ACKS, BUFFERS OR MOTOR VEHICLE ISLANDS. % OF REQUIRED TREES MAY BE SUBSTITUTED WITH 10 SHRUBS
NET SITE AREA (SF) (LESS PUBLIC R.O.W.)	PERCENT MINIMUM INTERNAL AREA (5%)	INTERNAL AREA (SF) REQ./PROV.	INTERNAL TREES (1/500 SF) (EXCLUDING DRIVEWAYS)
774,964 SF	NON-RESIDENTIAL	38,749 SF / 39,000 SF	78/75
SHRUB SUBSTITUTES REQ/PROV.		INTERNAL PLANT ABBR. DENOTED ON PLAN	PERCENT GROUND PLANE VEG. REQ./PROV.
30/30		IL	50%/50%

LANDSCAPE BUFFERS				EVENOPEN FAR MINI
STREET NAME OR	LINEAR	SETBACK BUFFER (15')	BUFFER TREES (1/25')	EVERGREEN 50% MIN.
PROPERTY LINE (ELEV.)	FOOTAGE	REQ. / PROV.	REQ./PROV.	REQ./PROV.

OPAQUE FENCE: 6' FENCE PROVIDED ALONG ENTIRE WEST, NORTH, EAST BOUNDARY EXISTING CEDAR FENCE FOR BUFFER REQUIREMENT

1. Site distance triangles and any plantings, signs, walls or other visual obstructions within the triangles.

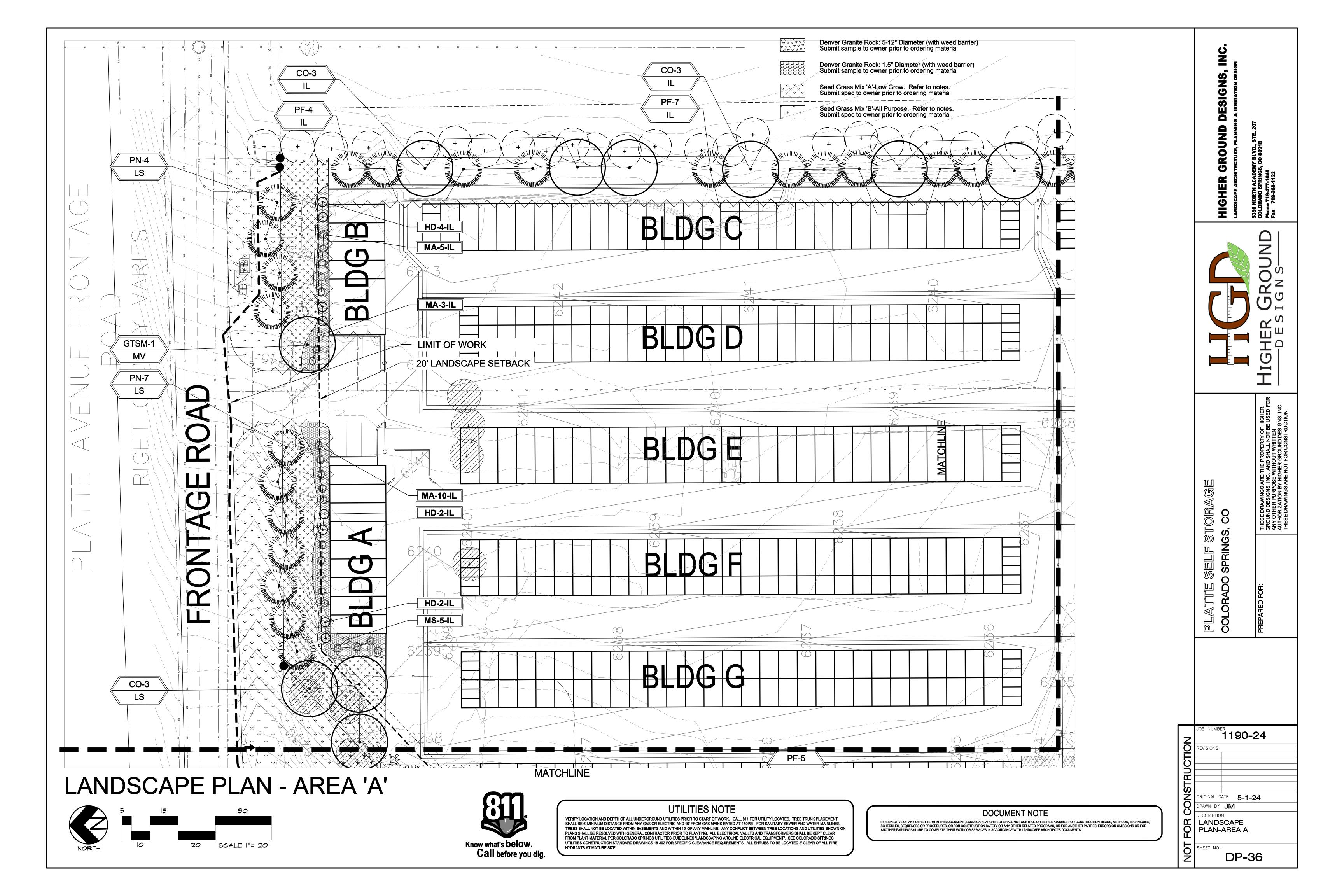
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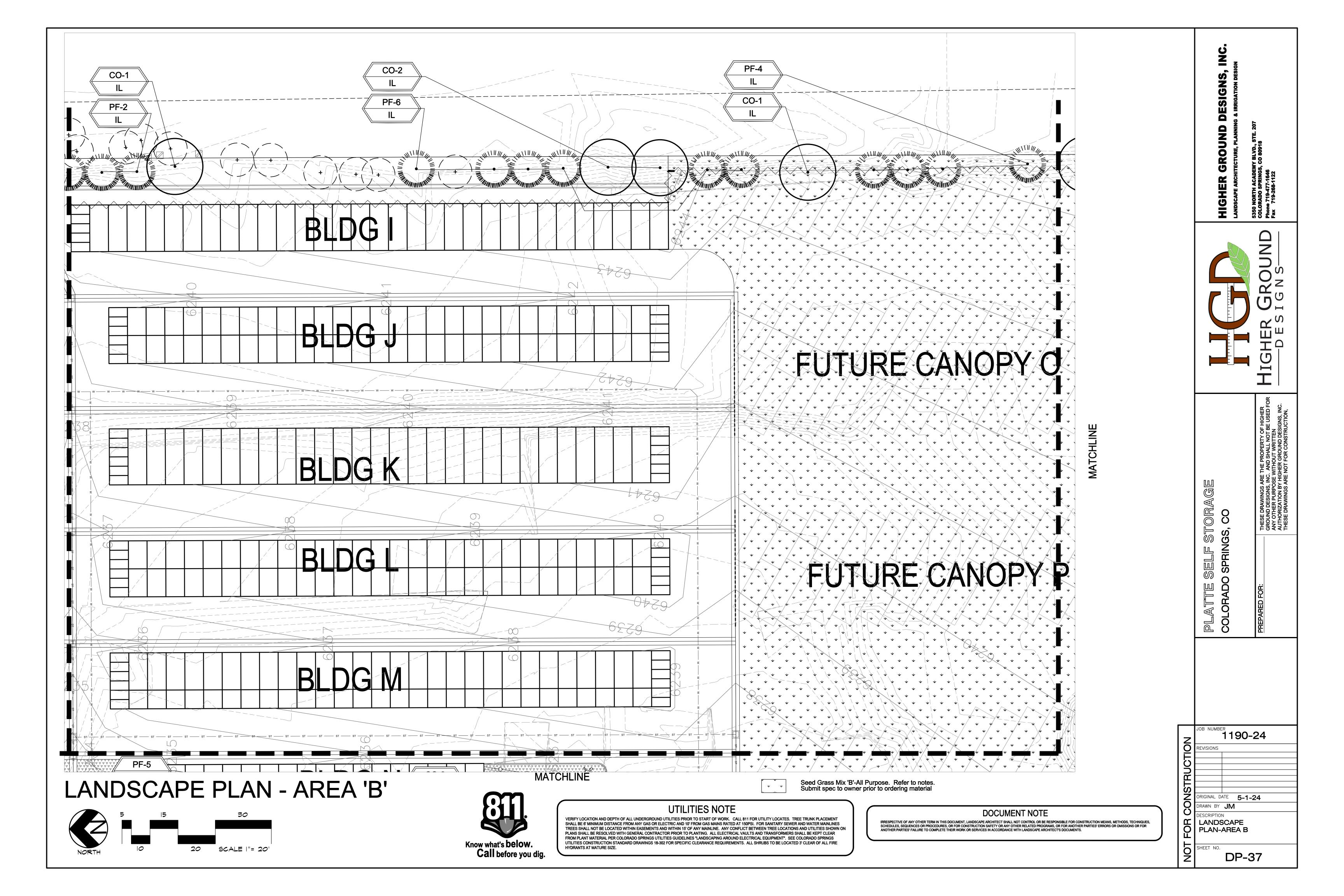
DOCUMENT NOTE RRESPECTIVE OF ANY OTHER TERM IN THIS DOCUMENT, LANDSCAPE ARCHITECT SHALL NOT CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES,

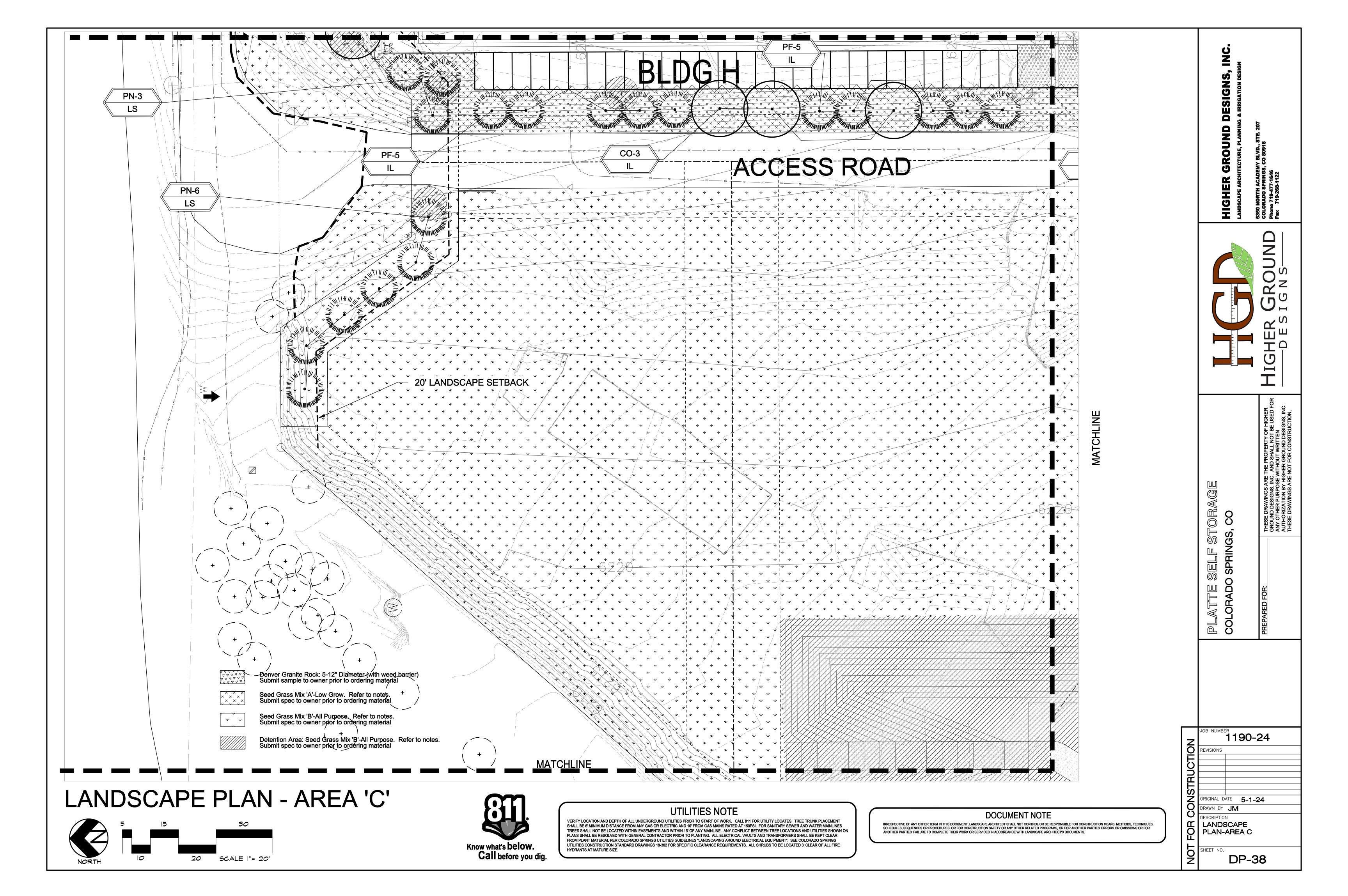
ANOTHER PARTIES' FAILURE TO COMPLETE THEIR WORK OR SERVICES IN ACCORDANCE WITH LANDSCAPE ARCHITECT'S DOCUME

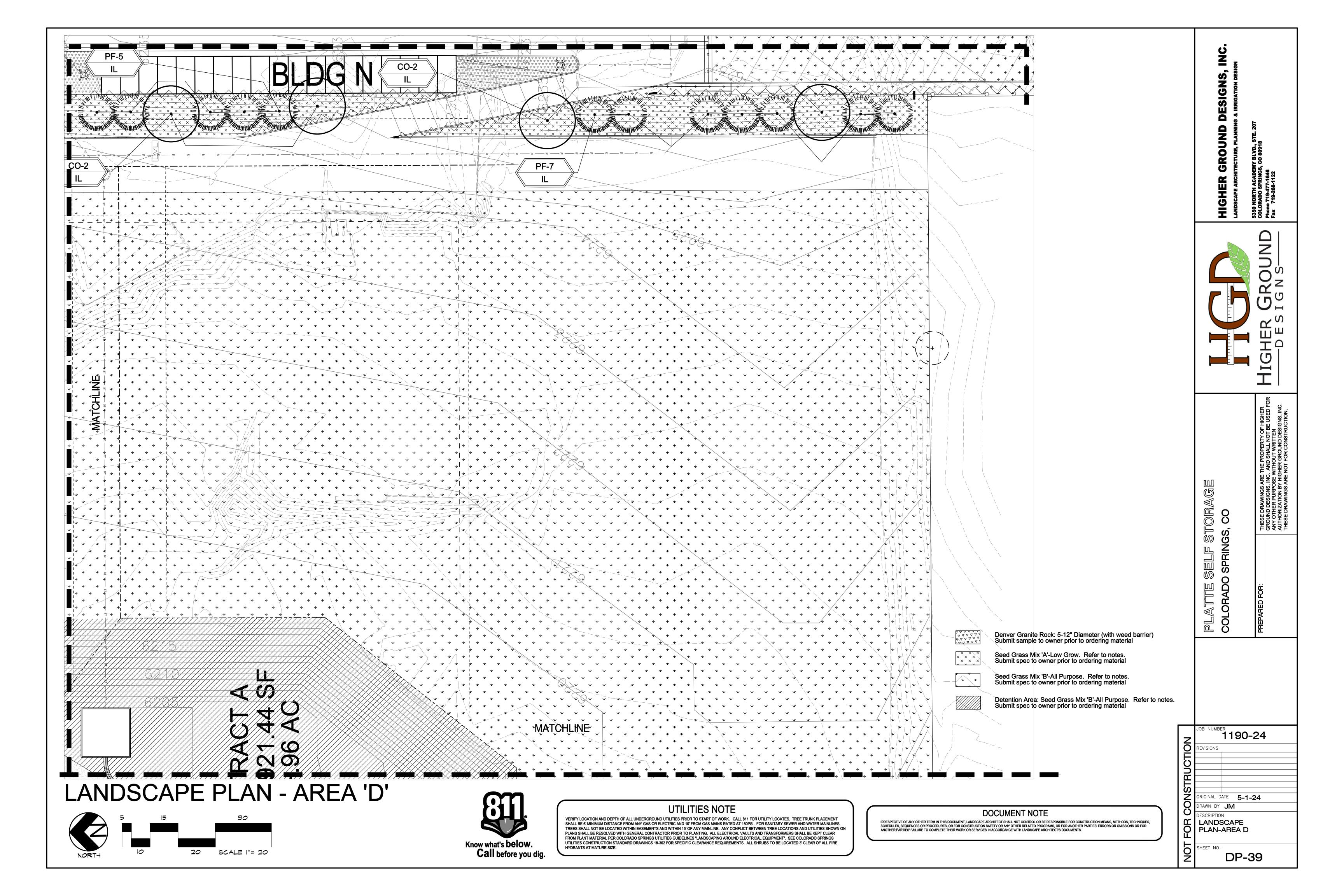
1190-24 DRIGINAL DATE 5-1-24 DRAWN BY JM LANDSCAPE PLAN

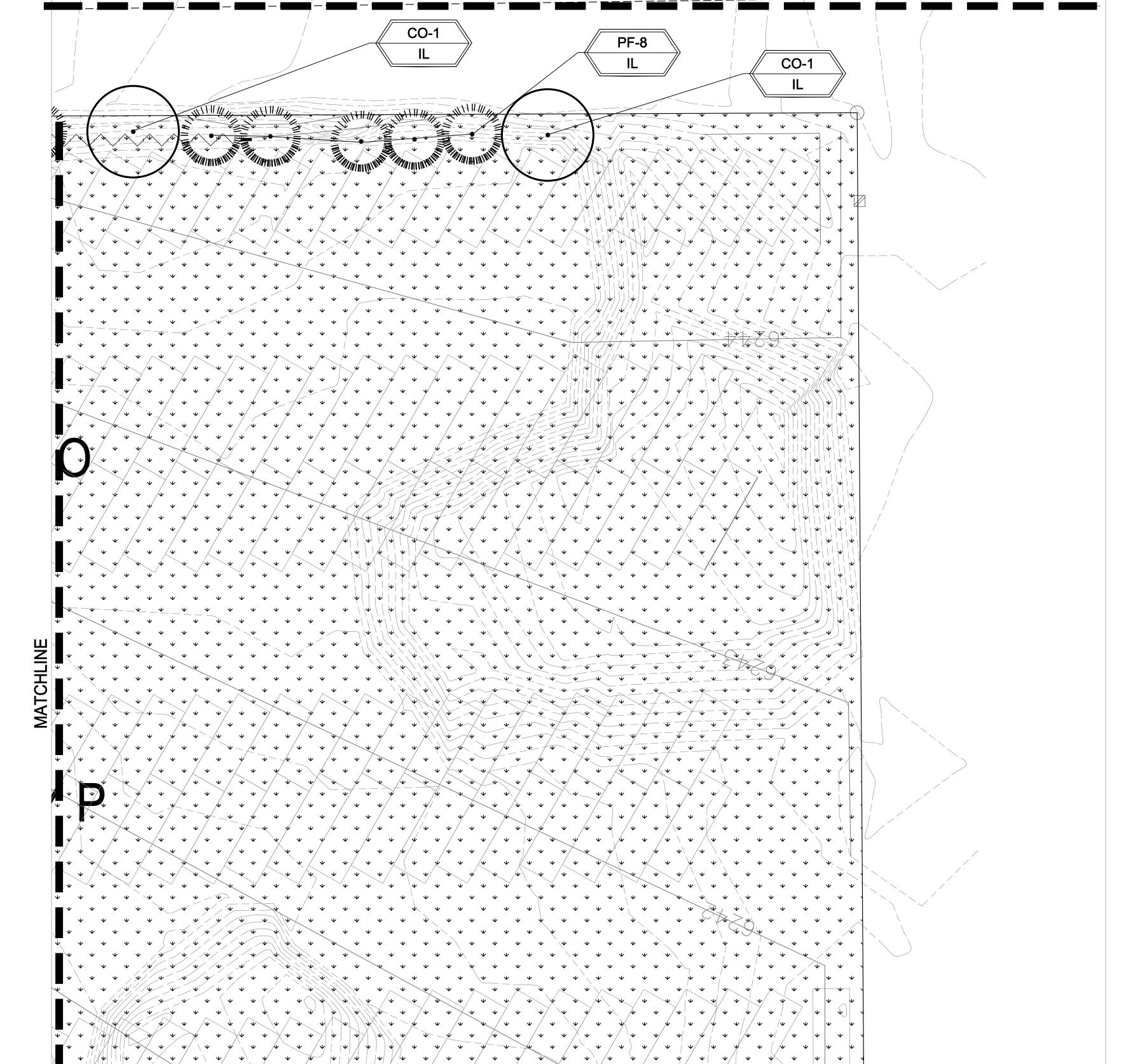
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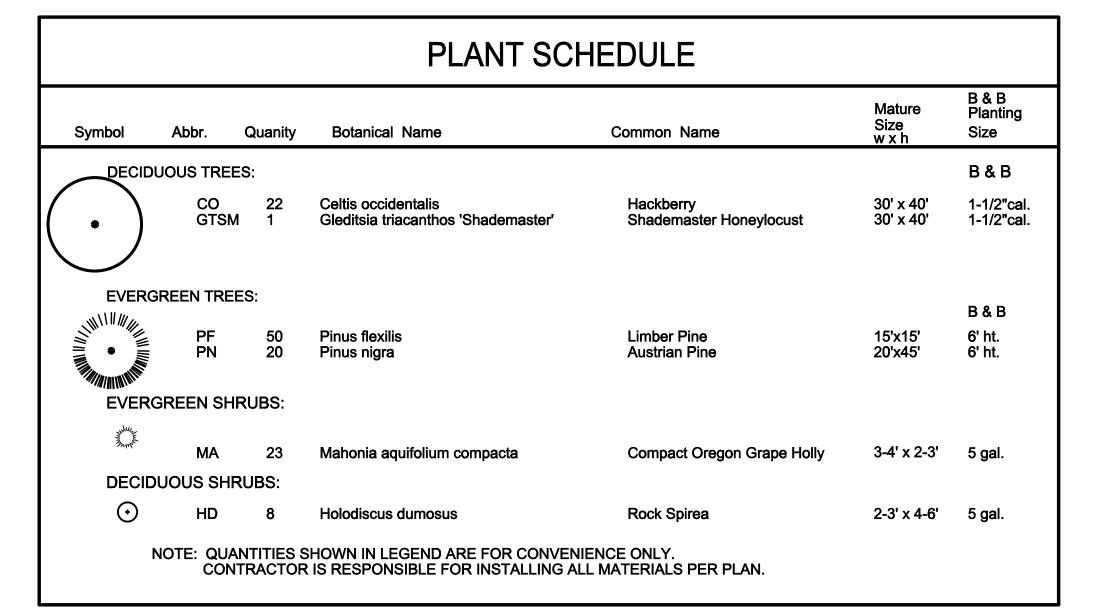






Know what's below.

Call before you dig.



	GROUND COVER LEGEND	
SYMBOL	DESCRIPTION	APPROX. SF
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Denver Granite Rock: 5-12" Diameter (with weed barrier) Submit sample to owner prior to ordering material	1,998 SF
	Denver Granite Rock: 1.5" Diameter (with weed barrier) Submit sample to owner prior to ordering material	2,150 SF
× × × × ×	Seed Grass Mix 'A'-Low Grow. Refer to notes. Submit spec to owner prior to ordering material	23,687 SF
\(\psi\)	Seed Grass Mix 'B'-All Purpose. Refer to notes. Submit spec to owner prior to ordering material	415,677 SF
	Detention Area: Seed Grass Mix 'B'-All Purpose. Refer to notes. Submit spec to owner prior to ordering material	67,146 SF
+	Protect Existing Tree	
	Remove Existing Tree	
	Steel Edger. See notes	

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.

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.

DOCUMENT NOTE

UTILITIES NOTE

VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES PRIOR TO START OF WORK. CALL 811 FOR UTILITY LOCATES. TREE TRUNK PLACEMENT

UTILITIES CONSTRUCTION STANDARD DRAWINGS 18-302 FOR SPECIFIC CLEARANCE REQUIREMENTS. ALL SHRUBS TO BE LOCATED 3' CLEAR OF ALL FIRE

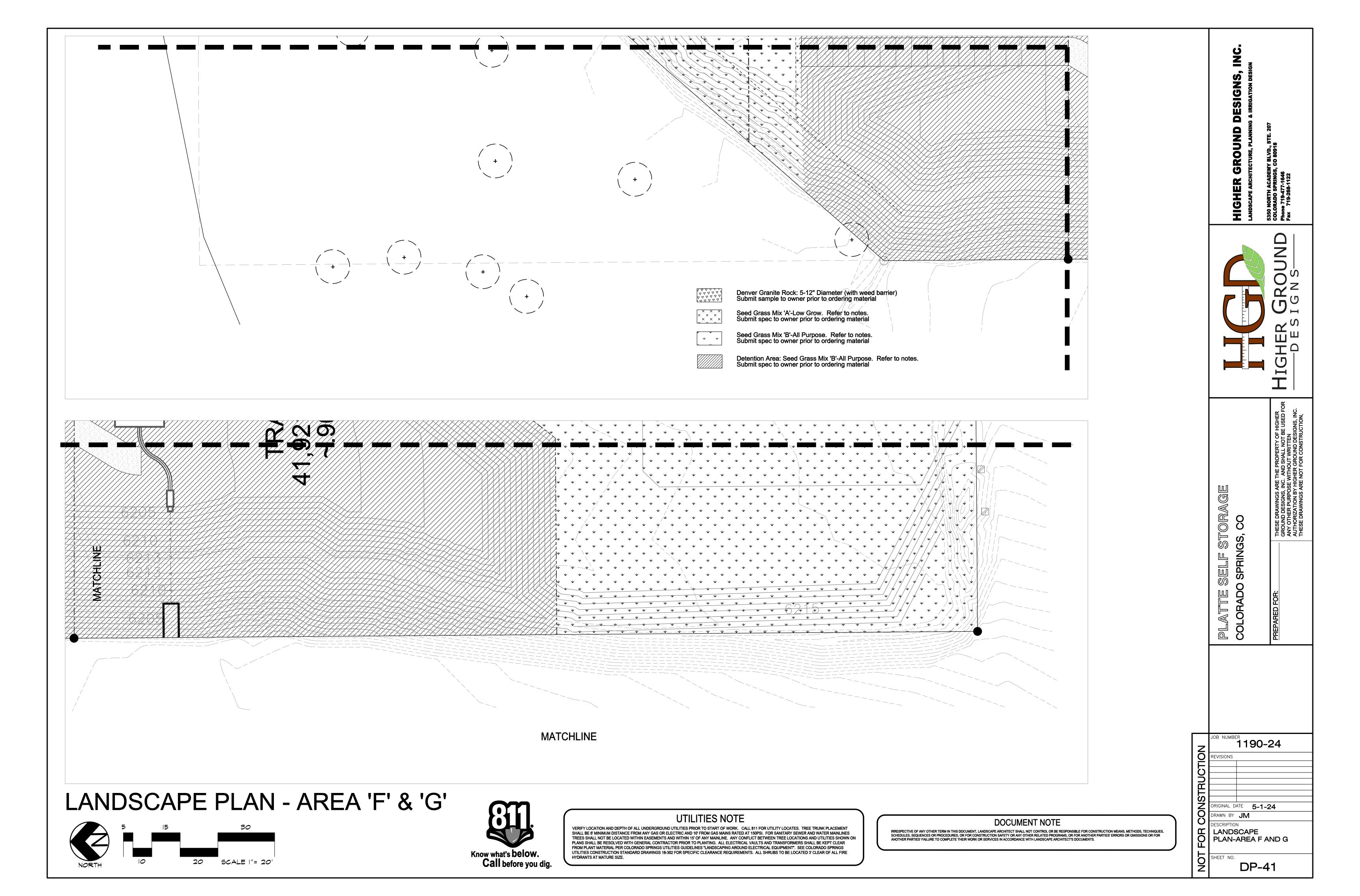
SHALL BE 6' MINIMUM DISTANCE FROM ANY GAS OR ELECTRIC AND 10' FROM GAS MAINS RATED AT 150PSI. FOR SANITARY SEWER AND WATER MAINLINES TREES SHALL NOT BE LOCATED WITHIN EASEMENTS AND WITHIN 15' OF ANY MAINLINE. ANY CONFLICT BETWEEN TREE LOCATIONS AND UTILITIES SHOWN ON PLANS SHALL NOT BE LOCATED WITHIN EASEMENTS AND WITHIN 15 OF ANT MAINLINE. ANT CONFLICT BETWEEN THAL LOCATIONS AND CHILD STROMM.
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

1190-24 ORIGINAL DATE 5-1-24 DRAWN BY **JM** LANDSCAPE PLAN-AREA E DP-40

GROUND HITECTURE. PLANNING

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LANDSCAPE PLAN - AREA 'E'



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

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 BIOCOMP CLASS 1 (OR CITY APPROVED

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

PRIOR TO INSTALLING PLANTS OR GROUND COVER BROADCAST PREEN WEED PRE-EMERGENT IN ALL PLANTING AREAS PER MANUFACTURE RECOMMENDATIONS. www.preen.com

SOIL PREP NOTES

SOIL PREPARATION FOR UNDISTURBED OR COMPACTED PLANTING AREAS:

- A. 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.
- B. REMOVE ALL RUBBLE. STONES AND EXTRANEOUS MATERIAL OVER TWO (2) INCHES IN DIAMETER FROM THE SITE.

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 BIOCOMP CLASS 1 (OR CITY APPROVED EQUAL) AT 2 C.Y./1000 SF TILLED INTO TOP 4-6" OF SOIL PRIOR TO SEEDING. REFER TO CHART 5-2 FOR IRRIGATED MIX.

SEED MIX 'B': NATIVE SEED TO BE EL PASO COUNTY CONSERVATION DISTRICT ALL-PURPOSE SEED 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 BIOCOMP CLASS 1 (OR CITY APPROVED EQUAL) AT 2 C.Y./1000 SF TILLED INTO TOP 4-6" OF SOIL PRIOR TO SEEDING. REFER TO CHART 5-1 FOR IRRIGATED MIX.

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

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 1 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 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

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.

- 1. HAND PULL NOXIOUS WEEDS, REMOVING AS MUCH OF THE ROOT SYSTEM AS POSSIBLE.
- 2. 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 OWNER'S 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

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

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

AND IRRIGATION SYSTEM.

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.

ON-GOING MAINTENANCE DURING CONSTRUCTION:

SHALL REPAIR SEEDED AREAS DAMAGED BY TRAFFIC AND/OR VANDALISM DURING THE CONSTRUCTION PERIOD.

AS AGREED WITH OWNER, CONTRACTOR SHALL PROVIDE ONE-YEAR WARRANTY ON ALL PLANT MATERIAL, GRASSES

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.

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

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 150PSL. FOR SANITARY SEWER AND WATER MAINLINES TREES SHALL NOT BE LOCATED WITHIN EASEMENTS AND WITHIN 15' OF ANY MAINLINE. ANY CONFLICT RETWEEN TREE LOCATIONS AND LITH ITIES 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 LITH ITIES GLIDELINES "LANDSCAPING ARQUIND ELECTRICAL FOLIPMENT". 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

RRESPECTIVE 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 ANOTHER PARTIES' FAILURE TO COMPLETE THEIR WORK OR SERVICES IN ACCORDANCE WITH LANDSCAPE ARCHITECT'S DOCUMENTS.

STOR SPRINGS, COLORADO

1190-24

DRIGINAL DATE 5-1-24 RAWN BY **JM** LANDSCAPE **NOTES**

DP-42

- . 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
- 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 IS 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. -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 -PLANT WITH BASE OF ROOT FLARE AT GRADE. (TRUNK FLARE MUST BE VISIBLE AT TOP OF ROOT BALL) 3" SPECIFIED ORGANIC MULCH IN TURF, SEEDED AREAS AND ALL ROCK MULCH AREAS. PROVIDE 3" PLANTING RIM FOR REES 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. -CUT AND REMOVE ALL BURLAP AND WIRE BASKETS FROM TOP 1/2 TO 2/3 OF ROOT FLARE. REMOVE ALL TREATED, BURLAP. AFTER TREE IS POSITIONED, REMOVE ALL TWINE,

WITH AMENDED SOIL MIX. SCARIFY PLANTING PIT AND ROOTBALL. ROOT BALL SHALL REST ON FIRM, UNDISTURBED SOIL. DECIDUOUS TREE PLANTING DETAIL

ROPE, PLASTIC AND RUBBER. -EXISTING SLOPE (WHERE APPLICABLE)

-PROPOSED GRADE (WHERE APPLICABLE)

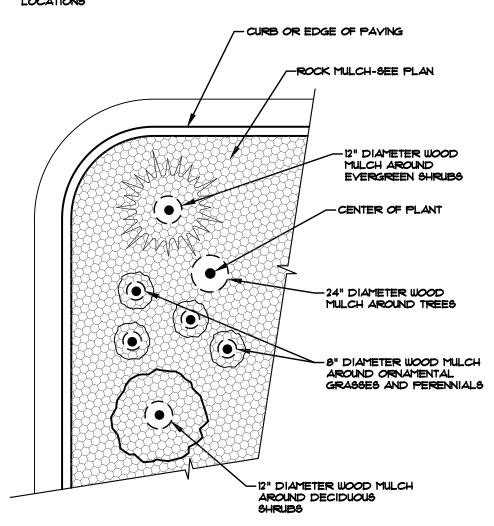
NO RIM ON SLOPE CONDITION (THIS SIDE)

BALL THOROUGHLY. BACKFILL HOLE

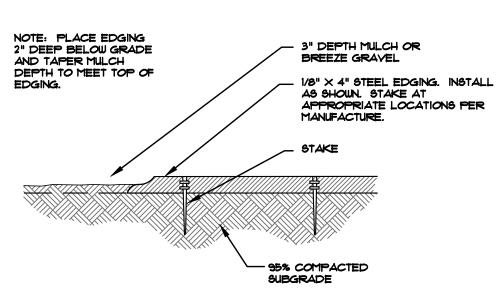
-CULTIVATE SOIL TO DEPTH OF ROOT

NOTES: CONTRACTOR TO INSTALL WOOD MULCH RINGS AROUND LANDSCAING AS SHOWN BELOW FOR ALL TREES, SHRUBS, PERENNIALS AND ORNAMENTAL GRASSES INSTALLED IN ROCK MULCHED AREAS. ROCK SHALL BE CLEAR FROM SHRUB 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



TYPICAL PLANT MATERIAL TREATMENT

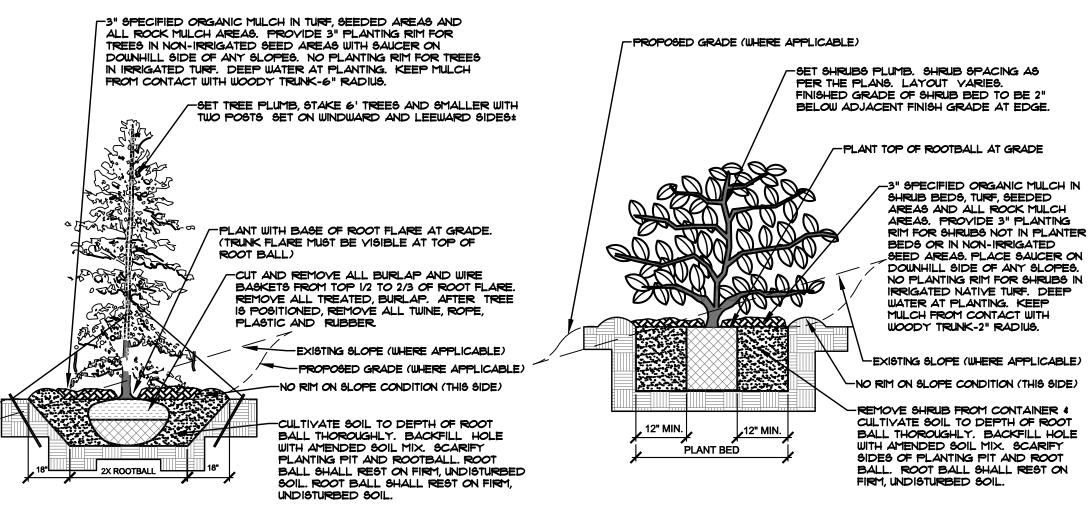


 MARK NORTH SIDE OF TREE AT NURSERY AND ALIGN TREE TO NORTH WHEN PLANTING. DO NOT REMOVE OR CUT LEADER. PRINE ONLY DEAD OR BROKEN BRANCHES IMMEDIATELY PRIOR TO PLANTING.

REMOVE ANY DOUBLE LEADER, UNLESS OTHERWISE DIRECTED BY OWNER'S REPRESENTATIVE.

KEEP PLANTS MOIST AND SHADED UNTIL PLANTING.

• AYOID 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)



EVERGREEN TREE PLANTING DETAIL

SHRUB PLANTING DETAIL

• PRINE ONLY DEAD OR BROKEN BRANCHES IMMEDIATELY PRIOR TO PLANTING.

TO TOP. SPREAD THE TWO HALVES OVER A MOUND OF SOIL IN PLANTING PIT.

AMENDED BACK FILL SHALL BE 70% SOIL FROM PLANTING PIT AND 30% ORGANIC MATERIAL.

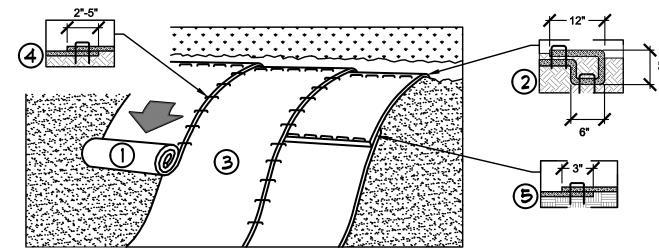
FOR ROOT BIND AT BOTTOM OF BALL SPLIT ROOT BALL VERTICALLY FROM BOTTOM HALFWAY

• FOR POT BOUND PLANTS ONLY: MAKE 4-5 VERTICAL CUTS IN ROOT BALL I" DEEP. PLANT

KEEP PLANTS MOIST AND SHADED UNTIL PLANTING.

IMMEDIATELY.

• DO NOT FERTILIZE FOR AT LEAST ONE GROWING SEASON.



- 1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP'S), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
- 2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) 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 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) 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 CM) APART ACROSS THE WIDTH OF THE RECP'S.
- 3, 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. 4. THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2" - 5" (5 CM - 12.5 CM) OVERLAP DEPENDING
- 5. CONSECUTIVE RECP'S SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (1,5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (IS CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECP's.

EROSION CONTROL

ON RECP'S TYPE.

SEED MIX 'B'

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**

				Pounds PLS			
Common Name	Scientific Name	Growth Season / Form	% of Mix	Irrigated broadcast Irrigated hydroseeded	Non-irrigated broadcast Non-irrigated hydroseeded Irrigated drilled	Non-irrigated drilled	
				80 seeds/sq ft	40 seeds/sq ft	20 seeds/sq ft	
Bluestem, big	Andropogon gerardii	Warm, sod	20	4.4	2.2	1.1	
Grama, blue	Bouteloua gracilis	Warm, bunch	10	0.5	0.25	0.13	
Green needlegrass ²	Nassella viridula	Cool, bunch	10	2	1	0.5	
Wheatgrass, western ²	Pascopyrum smithii	Cool, sod	20	6.4	3.2	1.6	
Grama, sideoats	Bouteloua curtipendula	Warm, bunch	10	2	1	0.5	
Switchgrass ²	Panicum virgatum	Warm, bunch/sod	10	0.8	0.4	0.2	
Prairie sandreed	Calimovilfa longifolia	Warm, sod	10	1.2	0.6	0.3	
Yellow indiangrass ²	Sorghastrum nutans	Warm, sod	10	2	1	0.5	
		Seed rate (I	bs PLS/acre)	19.3	9.7	4.8	

¹For 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.

²Species that will do well in the bottom of pond areas

SEED MIX 'A

Chapter 5 Native Vegetation Requirements and Guidelines

Table 5-2. El Paso County All-Purpose Low Grow Mix for Upland and Transition Areas

	Scientific Name	Growth Season / Form	% of Mix	Pounds PLS			
Common Name				Irrigated broadcastIrrigated hydroseeded	 Non-irrigated broadcast Non-irrigated hydroseeded Irrigated drilled 	Non-irrigated drilled	
				80 seeds/sq ft	40 seeds/sq ft	20 seeds/sq ft	
Buffalograss	Buchloe dactyloides	Warm, sod	25	9.6	4.8	2.4	
Grama, blue	Bouteloua gracilis	Warm, bunch	20	10.8	5.4	2.7	
Grama, sideoats	Bouteloua curtipendula	Warm, bunch	29	5.6	2.8	1.4	
Green needlegrass	Nassella viridula	Cool, bunch	5	3.2	1.6	0.8	
Wheatgrass, western	Pascopyrum smithii	Cool, sod	20	12	6	3	
Dropseed, sand	Sporobolus cryptandrus	Warm, bunch	1	0.8	0.4	0.2	
	•	Seed rate (I	bs PLS/acre)	42	21	10.3	

Know what's below. Call before you dig.

HYDRANTS AT MATURE SIZE.

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

DOCUMENT NOTE

RRESPECTIVE OF ANY OTHER TERM IN THIS DOCUMENT, LANDSCAPE ARCHITECT SHALL NOT CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, ANOTHER PARTIES' FAILURE TO COMPLETE THEIR WORK OR SERVICES IN ACCORDANCE WITH LANDSCAPE ARCHITECT'S DOCUMENTS.

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