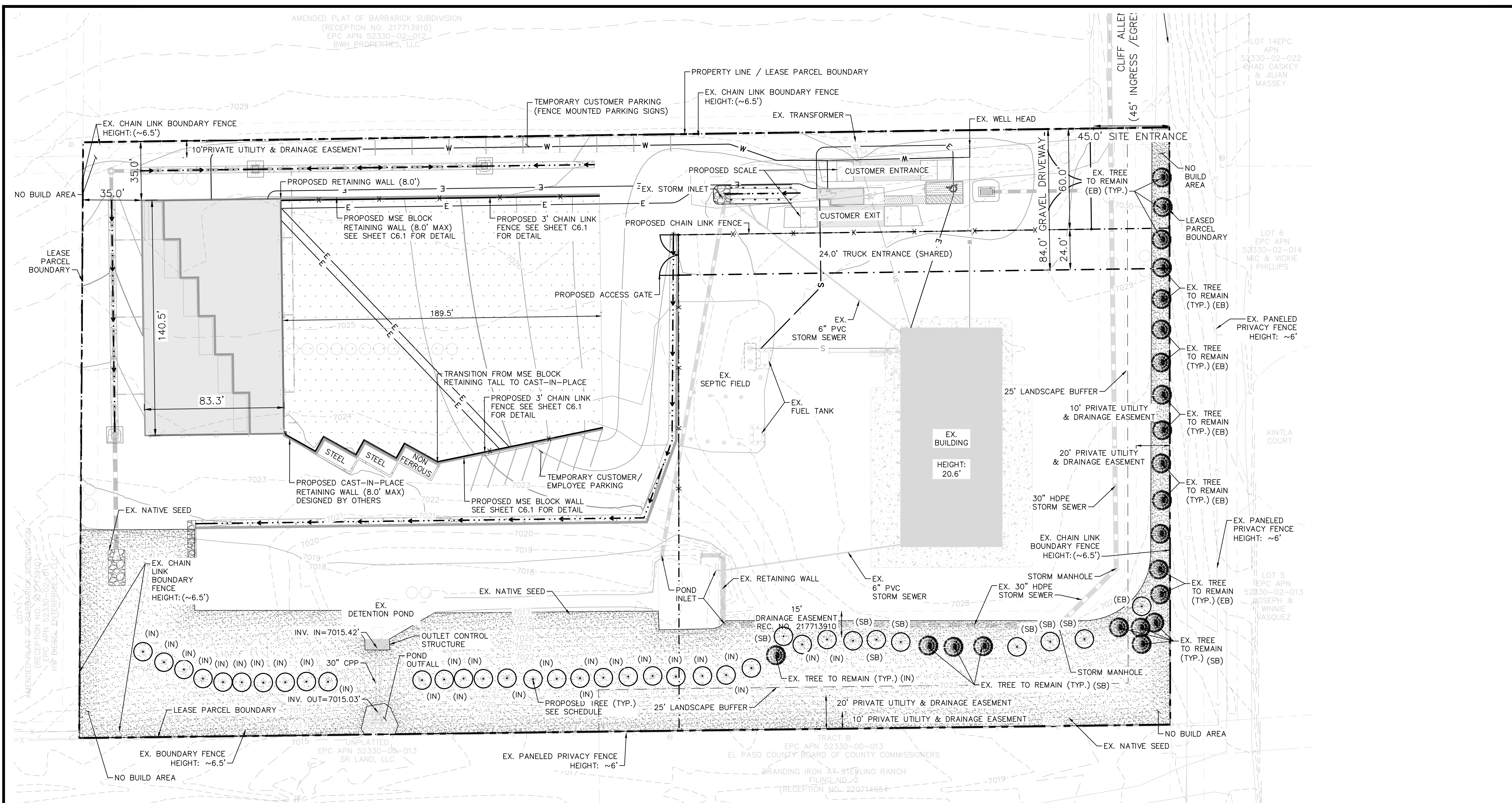


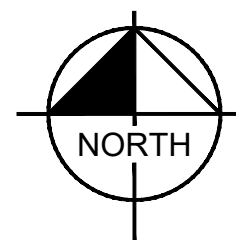
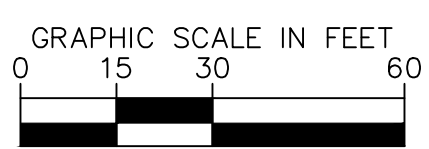
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PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT. SIZE	SIZE/CAL.	WIDTH	HEIGHT
EVERGREEN TREES							
PP	35		PINUS PONDEROSA / PONDEROSA PINE	B & B	6' HGT.	30-40'	60"
EXISTING TREES TO REMAIN							
EX	22		EXISTING TREE TO REMAIN				
GROUND COVERS							
SEED	50,413 SF		EXISTING NATIVE SEED TO REMAIN / EPC LOW GROW MIX	SEED	PER CHART		PANNEE BUTTES SEED

NOTE: THIRTY-FOUR (34) OF THE ORIGINALLY PLANTED TREES HAVE DIED AND SHALL BE REPLACED WITH PONDEROSA PINES PER THE LANDSCAPE PLAN ABOVE.
NOTE: SEE DETAILS SHEET (L7.2) FOR CODE CHARTS



LEGEND

- — — — — PROPERTY LINE
- - - - - LEASED PARCEL BOUNDARY
- - - - - EXISTING UTILITY & DRAINAGE EASEMENT
- — — — — PROPOSED TRUCK TURN MOVEMENT
- x - x - EXISTING FENCE
- - - - - EXISTING STORM SEWER
- - - - - EXISTING GAS MAIN
- * ○ * ○ * EXISTING VEGETATION
- ⊕ ⊕ ⊕ EXISTING TRANSFORMER
- ▭ ▭ ▭ ▭ PROPOSED ASPHALT
- ▭ ▭ ▭ ▭ PROPOSED CONCRETE



Kimley»Horn

2024 KIMLEY-HORN AND ASSOCIATES, INC.
2 North Nevada Avenue, Suite 900
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: EJJ
DRAWN BY: RES
CHECKED BY: EJJ
DATE: 5/6/2024

BARBARICK WASTE TRANSFER STATION
EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
LANDSCAPE PLAN

PROJECT NO. 196489000
SHEET **L7.0**

GENERAL LANDSCAPE SPECIFICATIONS

A. SCOPE OF WORK
1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS AND AS SPECIFIED HEREIN.
2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER.
B. PROTECTION OF EXISTING STRUCTURES
1. ALL EXISTING BUILDINGS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED AND DESIGNATED TO REMAIN SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR...
C. PROTECTION OF EXISTING PLANT MATERIALS
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC...
D. MATERIALS
1. GENERAL
MATERIAL SAMPLES LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON SITE OR AS DETERMINED BY THE OWNER.
MATERIAL SAMPLE SIZE
MULCH ONE (1) CUBIC FOOT
TOPSOIL MIX ONE (1) CUBIC FOOT
PLANTS ONE (1) OF EACH VARIETY (OR TAGGED IN NURSERY)
2. PLANT MATERIALS
a. FURNISH NURSERY-GROWN PLANTS TRUE TO GENUS, SPECIES, VARIETY, CULTIVAR, STEM FORM, SHEARING, AND OTHER FEATURES INDICATED IN PLANT SCHEDULE SHOWN ON DRAWINGS AND COMPLYING WITH ANSI Z60.1 AND THE COLORADO NURSERY ACT...
E. SOIL MIXTURE
1. CONTRACTOR SHALL TEST EXISTING SOIL AND AMEND AS NECESSARY IN ACCORDANCE WITH THE GUIDELINES BELOW:
2. SOIL MIXTURE SHALL CONSIST OF TWO PARTS OF TOPSOIL AND ONE PART SAND, AS DESCRIBED BELOW...
F. WATER
1. WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN ADEQUATE PLANT GROWTH...
G. FERTILIZER
1. CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE...

NATURALLY-DERIVED.
* FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.
H. MULCH
1. MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A DEPTH OF THREE (3) INCHES CLEAR MULCH FROM EACH PLANT'S CROWN (BASE) OR AS SHOWN IN PLANTING DETAILS.
I. DIGGING AND HANDLING
1. ALL TREES SPECIFIED SHALL BE BALLED AND BURLAPPED (B&B) UNLESS OTHERWISE APPROVED BY PROJECT LANDSCAPE ARCHITECT.
2. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING.
J. CONTAINER GROWN STOCK
1. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD.
K. MATERIALS LIST
1. QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR.
L. FINE GRADING
1. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN DISTURBED DURING CONSTRUCTION.
M. PLANTING PROCEDURES
1. THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER DAILY.
2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE...
N. LAWN SODDING
1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.

RECOMMENDATION ALL OTHER PLANT OPENINGS SHALL BE AMENDED WITH ENDOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION.
18. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET.
19. ALL BURLAP, ROPE, WIRES, BASKETS, ETC., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.
20. TREES SHALL BE PRUNED, IN ACCORDANCE WITH ANSI A-300, TO PRESERVE THE NATURAL CHARACTER OF THE PLANT.
21. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST.
22. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION.
23. ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK.
O. EDGING
1. CONTRACTOR SHALL INSTALL 4"x4" ROLLED TOP STEEL EDGING BETWEEN ALL SOD/SEED AREAS AND PLANTING BEDS.
P. CLEANUP
1. UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM CONTRACTORS WORK.
Q. PLANT MATERIAL MAINTENANCE
1. ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, PRUNING, AND ALL OTHER OPERATIONS.
R. FINAL INSPECTION AND ACCEPTANCE OF WORK
1. FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT.
S. WARRANTY
1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED (INCLUDING SOD) BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE.
2. ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT.
T. PARKING LOT ISLAND NOTE
1. THE SOIL OF ANY PLANTER WITHIN THE PARKING LOT SHALL BE STRUCTURALLY RENOVATED (TILLED) OR REMOVED TO A DEPTH OF THIRTY INCHES (30") AND REPLACED WITH AN ACCEPTABLE GROWING MEDIUM FOR THE SPECIES INDICATED FOR INSTALLATION.
U. MAINTENANCE
1. LANDSCAPE IMPROVEMENTS AND MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER, AND/OR THEIR ASSIGNS.
2. ALL STREET TREES AND STREETScape IMPROVEMENTS LOCATED IN THE R.O.W. WILL BE MAINTAINED BY THE ABUTTING PROPERTY OWNER.

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Kimley Horn logo and address: 2024 KIMLEY HORN AND ASSOCIATES, INC., 2 North Meade Avenue, Suite 900, Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: EJC
DRAWN BY: RES
CHECKED BY: EJC
DATE: 5/6/2024

BARBARICK WASTE TRANSFER STATION
EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
LANDSCAPE NOTES

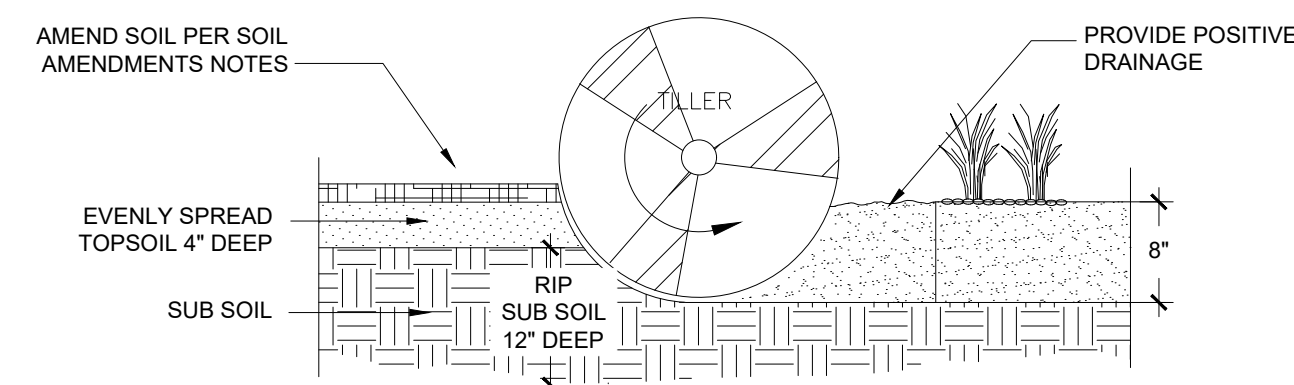
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PROJECT NO. 196489000
SHEET L7.1

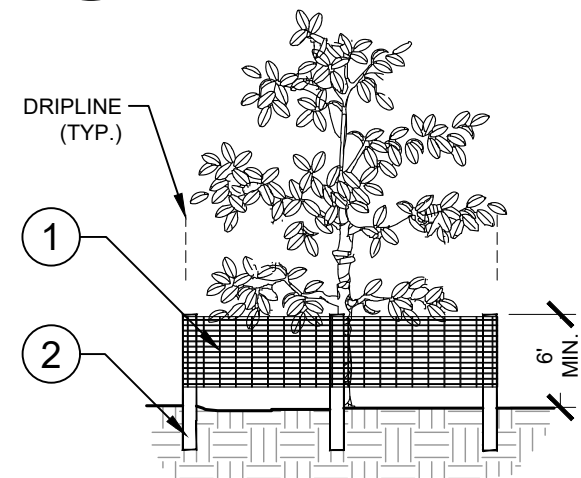
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- NOTES:**
1. TOPSOIL TO CONSIST OF DARK, LIGHT LOAM SOIL FREE OF ROCKS, ROOTS, AND FOREIGN MATERIALS.
 2. THE FERTILIZER APPLICATION SHOULD BE DELAYED IF PLANTING DOES NOT OCCUR WITHIN 2-3 DAYS OF FERTILIZING.
 3. COMPOST TO CONSIST OF 1 YEAR OLD ORGANIC MATERIAL AND SHOULD NOT INCLUDE CHICKEN MANURE.
 4. FROZEN MATERIALS OR MATERIALS GREATER THAN 1" DIA. SHOULD BE REMOVED.
 5. REFER TO SPECS FOR COMPLETE SOIL PREPARATION REQUIREMENTS.
 6. THE ROTO-TILLED PERIMETER SHOULD EXTEND TO A DISTANCE OF 1 FOOT BEYOND THE DIAMETER OF A SINGLE ROOT BALL.

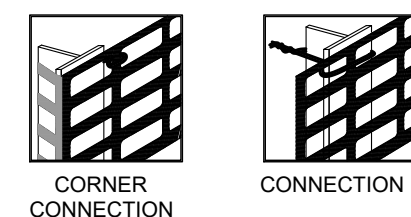
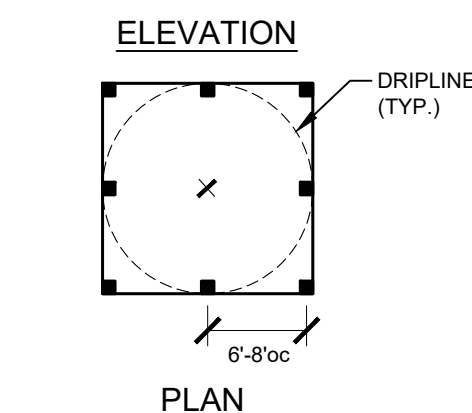
1 SOIL PREP
NTS 196-489-000-01



1. 6TH "PERIMETER PLUS" CONSTRUCTION FENCE BY CONWED PLASTICS OR OWNER'S REPRESENTATIVE APPROVED EQUAL. SUBMIT PRODUCT INFORMATION FOR APPROVAL PRIOR TO INSTALLATION.
2. 8' TALL METAL "T" POSTS OR 2' X 2' X 8' PRESSURE TREATED WOOD POSTS WITH 24" BURIAL BELOW GRADE.

INSTALLATION NOTES:

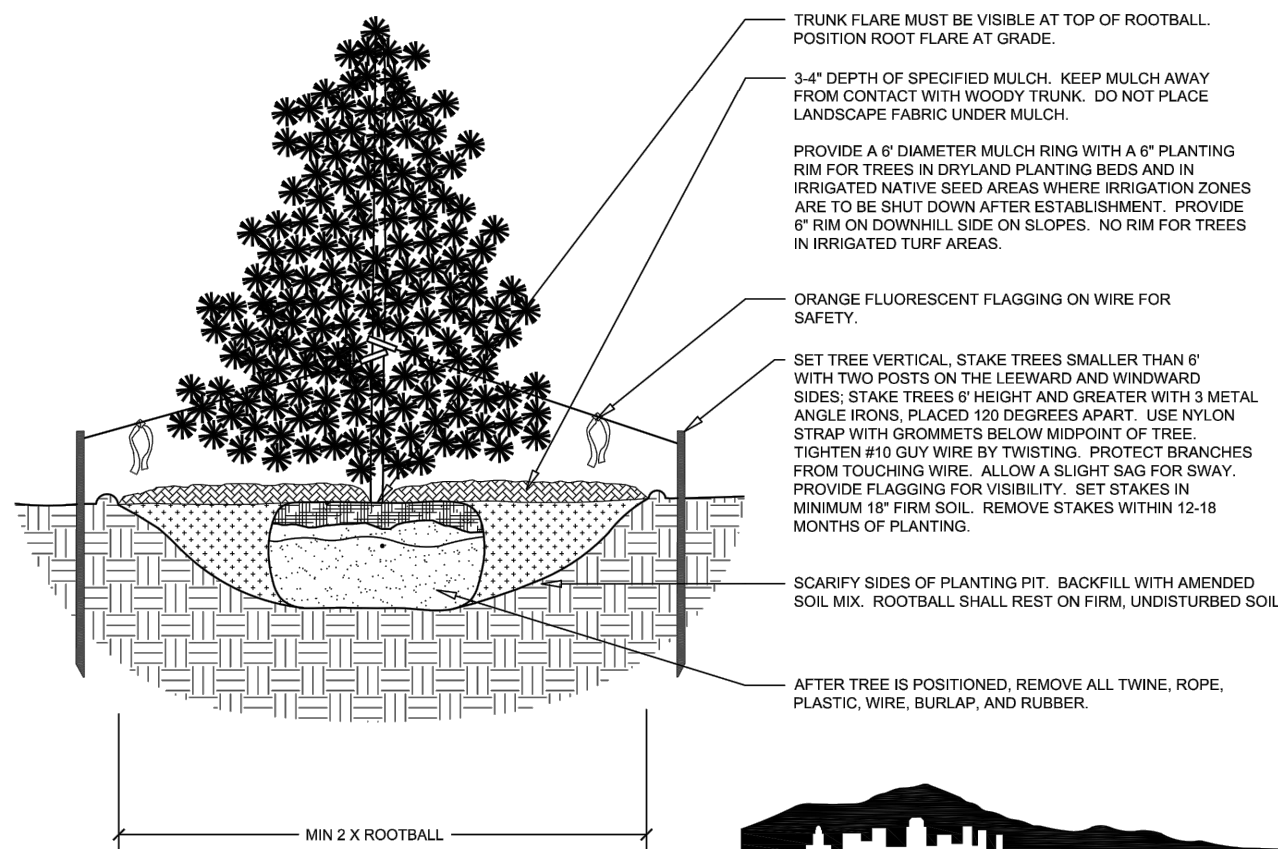
- A. POST SELECTION SHOULD BE BASED ON EXPECTED STRENGTH NEEDS AND THE LENGTH OF TIME FENCE WILL BE IN PLACE. FLEXIBLE FIBERGLASS ROD POSTS ARE RECOMMENDED FOR PARKS, ATHLETIC EVENTS AND CROWD CONTROL INSTALLATIONS. METAL "T" POSTS OR TREATED WOOD POSTS ARE TYPICALLY USED FOR CONSTRUCTION AND OTHER APPLICATIONS.
- B. POSTS SHOULD BE DRIVEN INTO THE GROUND TO A DEPTH OF 1/3 OF THE HEIGHT OF THE POST. FOR EXAMPLE, A 6' POST SHOULD BE SET AT LEAST 2' INTO THE GROUND.
- C. SPACE POSTS EVERY 6' (MIN.) TO 8' (MAX.).
- D. SECURE FENCING TO POST WITH NYLON CABLE TIES (AVAILABLE FROM CONWED PLASTICS). WOOD STRIPS MAY BE ALSO BE USED TO PROVIDE ADDITIONAL SUPPORT AND PROTECTION BETWEEN TIES AND POSTS.



NOTE: IF WIRE TIES ARE USED, AVOID DIRECT CONTACT WITH FENCE. WIRE MAY DAMAGE FENCE OVER TIME.

3 TREE PROTECTION FENCING
ELEVATION / PLAN NTS

- NOTES:**
1. DO NOT REMOVE OR CUT LEADER.
 2. PRUNE ONLY DEAD OR BROKEN BRANCHES IMMEDIATELY PRIOR TO PLANTING.
 3. DO NOT REMOVE ANY DOUBLE LEADER, UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE.
 4. KEEP PLANTS MOIST AND SHADED UNTIL PLANTING.
 5. AMENDED BACKFILL SHALL BE 1/3 COMPOST (PREFERABLY CLASSIFIED) AND 2/3 NATIVE AND/OR IMPORTED TOPSOIL.
 6. MARK THE NORTH SIDE OF TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE, WHENEVER POSSIBLE.
 7. PINE AND SPRUCE TREES TO BE SPRAYED FOR IPS BARK BEETLE PRIOR TO PLANTING. COORDINATE WITH CITY FORESTRY FOR CURRENT INSECT AND DISEASE RECOMMENDATIONS PRIOR TO PLANTING.
 8. ALL TREES TO BE DEEP WATERED AT TIME OF PLANTING.
 9. ALL TREES LOCATED IN ROCK/COBBLE BEDS SHALL HAVE A 36 INCH DIAMETER WOOD MULCH RING.



Disclaimer: These planting details are for City review and approval process and shall not be used for construction or bidding purposes. Rev: 6-6-2023

2 EVERGREEN TREE PLANTING
NTS 196-489-000-12

LANDSCAPE SETBACKS AND BUFFERS					
STREET NAME OR BOUNDARY:	NORTH BNDY	SOUTH BNDY	SOUTH BUFFER	EAST BUFFER	WEST BNDY
ZONE DISTRICT BOUNDARY:	NO	NO	YES	YES	NO
STREET CLASSIFICATION:	N/A	N/A	N/A	N/A	N/A
SETBACK DEPTH REQUIRED / PROVIDED:	0 / 0	0 / 0	25' / 25'	15' / 15'	0 / 0
LINEAR FOOTAGE:	647'	310'	340'	356'	355'
TREE PER FEET REQ.:	N/A	N/A	1 TREE PER 25 LF	1 TREE PER 25 LF	N/A
NUMBER OF TREES REQ. / PROV.:	N/A	N/A	14 / 14	15 / 15	N/A
EVERGREEN TREES REQ. / PROV.:	N/A	N/A	5 / 14	5 / 15	N/A
SHRUB SUBSTITUTES REQ. / PROV.:	N/A	N/A	N/A	N/A	N/A
ORN. GRASS SUBSTITUTES REQ. / PROV.:	N/A	N/A	N/A	N/A	N/A
OPAQUE SCREEN REQ. / PROV.:	N/A	N/A	340' / 340'	N/A	N/A
PLANT ABBREVIATION DENOTED ON PLAN:	N/A	N/A	SB	EB	N/A
% GROUND PLANE VEG. REQ. / PROV.:	N/A	N/A	75% / 100%	75% / 75%	N/A

INTERNAL LANDSCAPING	
GROSS SITE AREA:	230,422 SF (5.29 AC)
PERCENT MINIMUM INTERNAL AREA:	5%
INTERNAL LANDSCAPE AREA REQ. / PROV.:	11,521 SF / 50,413 SF
TREE PER FEET REQ.:	1 TREE PER 500 SF
INTERNAL TREES REQ. / PROV.:	23 / 28
SHRUB SUBSTITUTES REQ. / PROV.:	N/A
ORN. GRASS SUBSTITUTES REQ. / PROV.:	N/A
PLANT ABBREVIATION DENOTED ON PLAN:	IN
% GROUND PLANE VEG. REQ. / PROV.:	75% / 100%

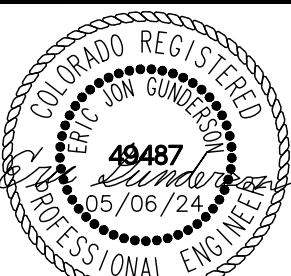
Table B. El Paso County All-Purpose Low Grow Mix for Upland and Transition Areas

Common Name	Scientific Name	Growth Season/Form	% of Mix	Pounds PLS	Pounds PLS	Pounds PLS
				• Irrigated broadcast • Irrigated hydroseeded (80 seeds/sq ft)	• non-irrigated broadcast • non-irrigated hydroseeded • irrigated drilled (40 seeds/sq ft)	• non-irrigated drilled (20 seeds/sq ft)
Buffalograss	<i>Buchloe dactyloides</i>	Warm, sod	25	9.6	4.8	2.4
Blue Grama	<i>Bouteloua gracilis</i>	Warm, bunch	20	10.8	5.4	2.7
Sideoats Grama	<i>Bouteloua curtipendula</i>	Warm, bunch	29	5.6	2.8	1.4
Green Needlegrass	<i>Nassella viridula</i>	Cool, bunch	5	3.2	1.6	0.8
Western Wheatgrass	<i>Pascopyrum smithii</i>	Cool, sod	20	12.0	6.0	3.0
Sand Dropseed	<i>Sporobolus cryptandrus</i>	Warm, bunch	1	0.8	0.4	0.2
Seed rate (lbs PLS/acre)				42.0	21.0	10.3

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196489000

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