CROSS CREEK PARK CITY OF FOUNTAIN, COLORADO CONSTRUCTION DOCUMENTS

GENERAL SPECIFICATIONS

- 1. The Landscape Contractor is to: physically locate, as necessary, and identify existing underground areas; provide adequate means of protection of utilities and services; - repair utilities damaged during site work operations at Contractor's expense; when uncharted or incorrectly charted underground piping or other utilities and services are encountered during site work operations, notify the applicable utility company immediately to obtain procedure directions, and cooperate with the applicable utility company in maintaining active services in operation.
- 2. The Landscape Maintenance Contractor is to protect existing buildings, paving, and other services or facilities on site and adjacent to the site from damage caused by site work operations. Cost of repair and restoration of damaged items is at Contractor's expense. This particularly applies to damage caused to concrete and brick walks, roof drain downspouts (left in down/draining position) and curbs by edging equipment and snow removal equipment. The building service manager or facility service manager shall determine when replacement/repair is necessary. The Landscape Maintenance Contractor is notify the owner of any damage immediately.
- 3. Contractor to verify all site conditions and associated design plan dimensions prior to construction and notify Landscape Architect of any discrepancies on the plan set prior to commencement of work.
- 4. Field conditions resulting in changes to project scope should be coordinated with Landscape Architect and Owner prior to any work being completed. 5. Contractor shall assume all responsibility for plant material or turf that is damaged or stressed in any way as a result of poor maintenance. Contractor
- will assume all cost associated with replacement of damaged plant material. 6. Contractor shall assume all responsibility for damage to the irrigation system as a result of actions or negligence on his part. Contractor will assume all
- costs associated with the replacement damages. 7. Contractor to ensure positive drainage in all landscape areas to include drainage from all structures and foundations. Maintain slope away from foundations per the geotechnical report recommendations. All landscape areas between walks and curbs shall drain freely to the curb unless otherwise identified on the grading plan. In no case shall the grade, turf thatch, or other landscape materials dam water against walks. Minimum slopes on

landscape areas shall be 2%; maximum slope shall be 25% unless specifically identified on the plans or approved by the owner's representative.

1. Plant Warranty and Replacement:

- a. Warranty: Plants (including seed/sod) shall be warranted for the duration of **one full year** and shall be alive and in satisfactory growth at the end of the warranty period
- Replacement: Prior to the end of the warranty period, inspection will be made by the Owner/Architect. Any plant required under this contract that is dead or not in satisfactory growth as determined by the Owner/Architect shall be removed from the site. These and any plants missing, due to the Contractor's negligence, shall be replaced as soon as conditions permit, yet during the normal planting season. All replacements planted, as specified in the plant list, shall be plants of the same kind and size as specified and shall be furnished and planted as originally specified herein. Cost of such replacement shall be borne by the Contractor, except for possible replacement resulting from vandalism, storms, or other unusual weather conditions. This is not a one-time replacement of plant material that does not live through the one year warranty period. Plants shall be replaced as Owner/Architect or Contractor finds them dead or in unsatisfactory condition on

MATERIALS

- 1. Any replacement landscape materials shall conform to the drawings and specifications for original installation.
- 2. Quantities: Quantities necessary to complete the planting as shown and located on the drawings shall be furnished per the contract documents. In case of discrepancies with the plan documents quantities and labels, the plan graphic will prevail. Dimensions for ground cover beds have in many instances been established from scaled drawings. It is the Contractor's responsibility to check dimensions on the site and allow for quantity of plants accordingly.
- 3. Quality and Size: Provide plants typical of their species or variety with normal, densely-developed branches and vigorous, fibrous root systems. Provide only sound, healthy, vigorous plants free from defects, disfiguring knots, sun scald injuries, frost cracks, abrasions of the bark, plant diseases, insect eggs, borers, and all forms of infestation. All plants shall have a fully developed form without voids and open spaces. Plants held in storage will be rejected if they show signs of growth during storage.

EXECUTION

- 1. Time of Planting: Planting operations shall be conducted under favorable weather conditions during the seasons which are normal for such work as determined by accepted practice in the locality. At the option of and on the full responsibility of the Contractor, planting operations may be conducted under unseasonable conditions without any additional compensation to the Contractor.
- Setting Plants
 - General: All plants shall be set at such level that, after settlement, they bear the same relation to the finished grade of the surrounding soil that they bore to the grade of the soil from which they were removed.
 - Balled plants and Container Grown Plants: After pits have been dug as is needed to allow the ball to rest firmly at the proper level, plants shall be placed in the bottom of the pit. Prepared soil shall then be placed around the ball and compacted carefully to avoid injury to roots and to fill all voids. Burlap, rope, wire, and other wrapping materials shall be cut away from the top of the ball and removed from the pit, but no burlap shall be pulled from under the ball or from the sides. All broken or frayed roots shall be cut off clean. When the pit is nearly filled with soil, add water and allow it to soak away. Fill hole 1/3 with soil mix, soak, fill to 2/3, soak, fill to finished grade, soak. After the ground settles, additional soil shall be filled in to the level of the finished grade and again watered. Container grown plants shall be set in similar manner and shall remain in their containers until just before setting in place.
- 3. Setting, Staking, Guying, and Wrapping of Trees:
- a. General: Trees shall be sat plumb and rigidly braced in position until the soil has been tamped solidly around the ball and roots. Stake all deciduous trees, evergreen trees, and upright junipers. Stake deciduous clump trees as needed or directed by the Landscape Architect.
- Refer to drawings for staking instructions within planting details. b. Staking: Three stakes shall be driven, 2 ft. into the ground, or as necessary to secure them firmly into the undisturbed subsoil. They shall be
- located as close to the trees as possible without injuring the ball or roots.
- c. Guying: Trees shall be secured to the stakes with two ply reinforced 10 galvanized iron wire and nylon straps. **Under no circumstances shall** a tree be plumbed with extreme tautness of wires. Plumbing shall be accomplished by adjusting the root ball. Take care not to stake
- plants too tightly to avoid damage to tree trunks. d. Mark all guying wire with yellow surveyor's ribbon 6" long, 2' from stake.
- e. Wrapping: Wrap trunks of all deciduous trees up to 4" caliper to prevent sunscald. Wrap from the ground to the first major branch. Secure by stapling or using jute. Do not use electrical tape or duct tape. Wrap trees between November 15 and April 15. Remove wrap during the growing season, from April 15 to November 15. Use a commercially available tree wrap. Trees are to be wrapped up until the age that they
- 4. Mulching: a. Mulch tree and shrub planting pits and shrub beds with required mulching material 3" deep immediately after planting. Thoroughly water
 - mulched areas. After watering, rake mulch to provide a uniform finished surface. Filter Fabric is not to be used under wood mulch.

develop a corky bark that will prevent winter sunscald injury, typically 5-6 years after installation (for a 2.5" caliper deciduous tree).

Provide a 3' mulch ring for all trees, 18" diameter mulch ring for all shrubs, and 12" diameter mulch ring for all plantings not in planting beds. Refer to plant details on plans for size of mulch rings.

SITE AMENITIES

- 1. General: Install items in accordance with manufacturer's recommendations.
- a. Install site furnishings level, plumb, true and securely positioned at locations indicated.
- 2. Bicycle Racks: Install plumb and level at locations indicated. Set and anchor to concrete pavement as indicated on Drawings and according to manufacturer's instructions and approved product data.
- 3. Benches, Trash Receptacles, and Tables: Locate and install as indicated on Landscape Drawings.
- 4. Submit catalog data for each site furnishing specified.

- 1. Maintenance Shall Begin: Immediately after each plant is planted and shall continue as follows:
 - a. All new plantings shall be maintained during construction until completion of the project and for a period of 1 year after final acceptance of the entire project (see Article 1.07 - Warranty).
- b. The landscape shall be maintained in accordance with Colorado Springs Water Department Design Guidelines, Maintenance Specifications,
- 2. Maintenance Shall Include:
 - a. Watering, weeding, cultivating, mulching, tightening and repairing of guys, removal of dead materials, resetting plants to proper grades or upright position, and other necessary operations, as directed by the Colorado Springs Water Department Landscape Design Guidelines and
 - b. Contractor shall inspect landscape once per week and perform necessary maintenance tasks on a timely basis.
- 1. Maintain irrigation system for a duration of one year from formal written acceptance by Owner's Representative. Make periodic examinations and adjustments to irrigation system components in order to achieve the most desirable application of water.
- 2. Following completion of Contractor's maintenance period, Owner will be responsible for maintaining system in working order during remainder of guarantee/warranty period, for performing necessary minor maintenance, for trimming around sprinklers, for protecting against vandalism, and for preventing damage after landscape maintenance operation.

COMPLETION SERVICES

- 1. Final Acceptance Inspection for Beginning the Warranty Period: Inspection of the work to determine its completion for beginning the warranty period, will be made by the Landscape Architect upon notice requesting such inspection by the Contractor at least 7 days prior to the anticipated date. All planting must be alive and healthy in order to be considered complete. The Contractor will be held liable for the Landscape Architect's inspection fee for any inspections and report writing beyond two Final Acceptance Inspections.
- 2. As-Built Drawings: Prior to final acceptance, contractor shall provide As-Built drawings of the planting plan and any other drawings which need to be corrected to show how the project was constructed by the landscape contractor. These drawings are to show all change order and field directed changes. Make these changes using CAD software. Label each drawing sheet "As-Built". Completion of the record drawings will be a prerequisite for
- 3. Final Acceptance: All planting tasks and inspection punch list items shall be complete before final acceptance which shall establish the date for beginning the warranty period

GENERAL CONSTRUCTION NOTES

- 1. SITE CONDITIONS SHOWN ARE FROM DESIGN PLANS SUPPLEMENTED BY FIELD SURVEY BY APPLEGATE. CONFIRM CONDITIONS AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE.
- CONTRACTOR TO FIELD VERIFY AND PROPERLY LOCATE ALL IMPROVEMENTS PRIOR TO CONSTRUCTION. CONSTRUCTION STAKING FOR THIS PROJECT IS TO BE PROVIDED BY THE CONTRACTOR. STAKING SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR AND SUB-CONTRACTORS TO ESTABLISH SUFFICIENT CONTROL FOR CONSTRUCTION. ANY DETAILED LAYOUT WILL
- BE THE RESPONSIBILITY OF THE CONTRACTOR. 4. PRIOR TO CONSTRUCTION CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) (811) OR 1-899-922-1987 A MINIMUM OF 3 BUSINESS DAYS PRIOR TO ANY EXCAVATION
- 5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES ALONG THE SITE. THE OMISSION FROM OR THE INCLUSION OF UTILITY LOCATIONS ON THE PLANS IS NOT TO BE CONSIDERED AS THE NON-EXISTENCE OF OR A DEFINITE LOCATION OF EXISTING UNDERGROUND UTILITIES. 4. THE CONTRACTOR WILL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES, BUILDINGS, FENCES, AND ROADWAYS
- FROM DAMAGE DUE TO THIS OPERATION. ANY DAMAGE TO THE ABOVE WILL BE REPAIRED AT THE CONTRACTORS EXPENSE, AND ANY SERVICE DISRUPTION WILL BE SETTLED BY THE CONTRACTOR. 5. COORDINATE CONSTRUCTION ACTIVITY CLOSELY WITH XXXX WITH RESPECT TO VEHICULAR AND PEDESTRIAN MOVEMENTS WITHIN THE
- CONSTRUCTION AREA AND ANY OTHER POTENTIAL IMPACTS TO THE PARK AND SURROUNDING AREA. MAINTAIN PROPER SECURITY DURING ONSITE CONSTRUCTION IN ACCORDANCE WITH XXXX 6. THE OWNER WILL RETAIN A QUALIFIED TESTING LABORATORY TO PROVIDE QUALITY CONTROL TESTING FOR THIS CONSTRUCTION. TESTING FREQUENCY AND INTERVAL SHALL BE IN ACCORDANCE WITH SPECIFICATIONS. ANY RETESTING REQUIRED AS A RESULT OF INITIAL
- TESTING WITH THE LABORATORY AND FURNISH A COPY OF TEST RESULTS TO THE DESIGN PROFESSIONAL OF RECORD FOR HIS USE IN 7. THE CONTRACTOR SHALL MAINTAIN AN ACCURATE "AS BUILT" RECORD OF ALL CONSTRUCTION AND SHALL PROVIDE SAME TO THE DESIGN

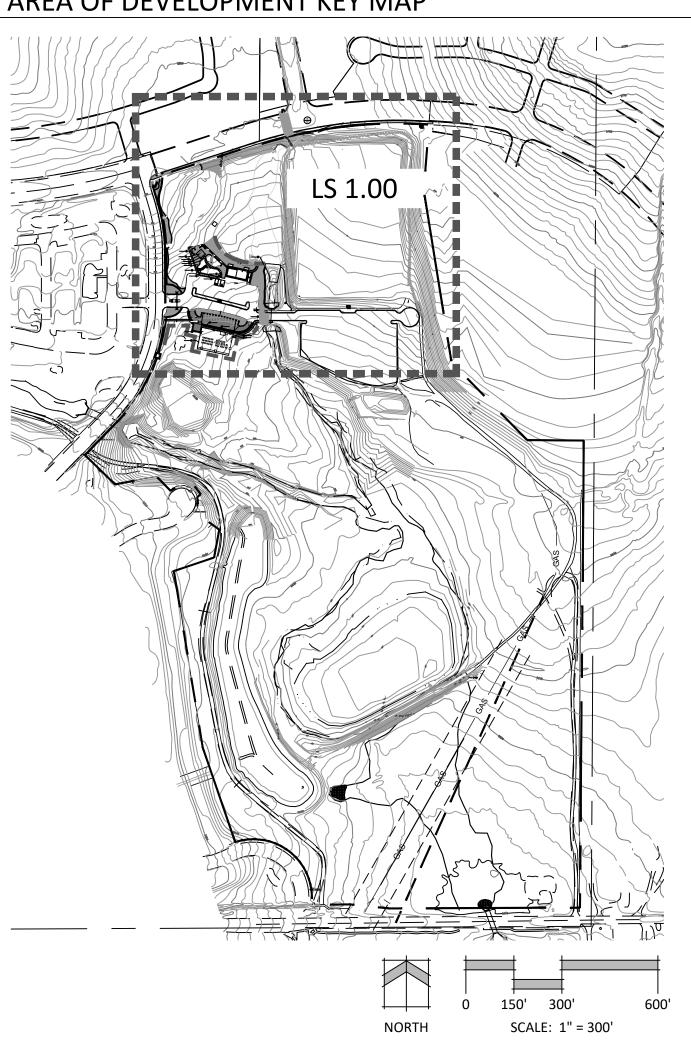
TESTS NOT MEETING SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE

PROFESSIONAL OF RECORD FOR HIS USE IN PREPARATION OF THE "AS BUILT" EXHIBITS. 8. THE CONTRACTOR SHALL WARRANT ALL WORKMANSHIP AND MATERIALS IN ACCORDANCE WITH TERMS AND CONDITIONS OF THE CONTRACT, BUT NO LESS THAN ONE (1) YEAR.

INSPECTION NOTES

- 1. MINIMUM INSPECTIONS WILL INCLUDE:
 - A. LANDSCAPE 25% PUNCH INSPECTION, WITH APPROVAL OF PLANT LOCATION STAKES BEFORE PLANT MATERIALS ARE INSTALLED, B. LANDSCAPE 50% PUNCH INSPECTION - HALF WAY THROUGH PROJECT,
- C. LANDSCAPE 95% PUNCH LIST SITE INSPECTION D. LANDSCAPE FINAL ACCEPTANCE INSPECTION.
- ANY ADDITIONAL VISITS CAUSED BY INCOMPLETE LANDSCAPE CONTRACTOR WORK, WILL BE CHARGED TO THE LANDSCAPE CONTRACTOR AT LANDSCAPE ARCHITECT'S HOURLY RATE.

AREA OF DEVELOPMENT KEY MAP



VICINITY MAP MESA RIDGE PKWY SITE

619 N. Cascade Avenue, Suite 200 Colorado Springs, CO 80903 Tel. 719.471.0073 Fax 719.471.0267 www.nescolorado.com © 2012. All Rights Reserved.

CREEK PARK

CONSTRUCTION DOCUMENT

NORTH NOT TO SCALE

03.01.23 PROJECT MGR: C. LIEBER T. KNAB PREPARED BY:

PROJECT TEAM

C & S RD

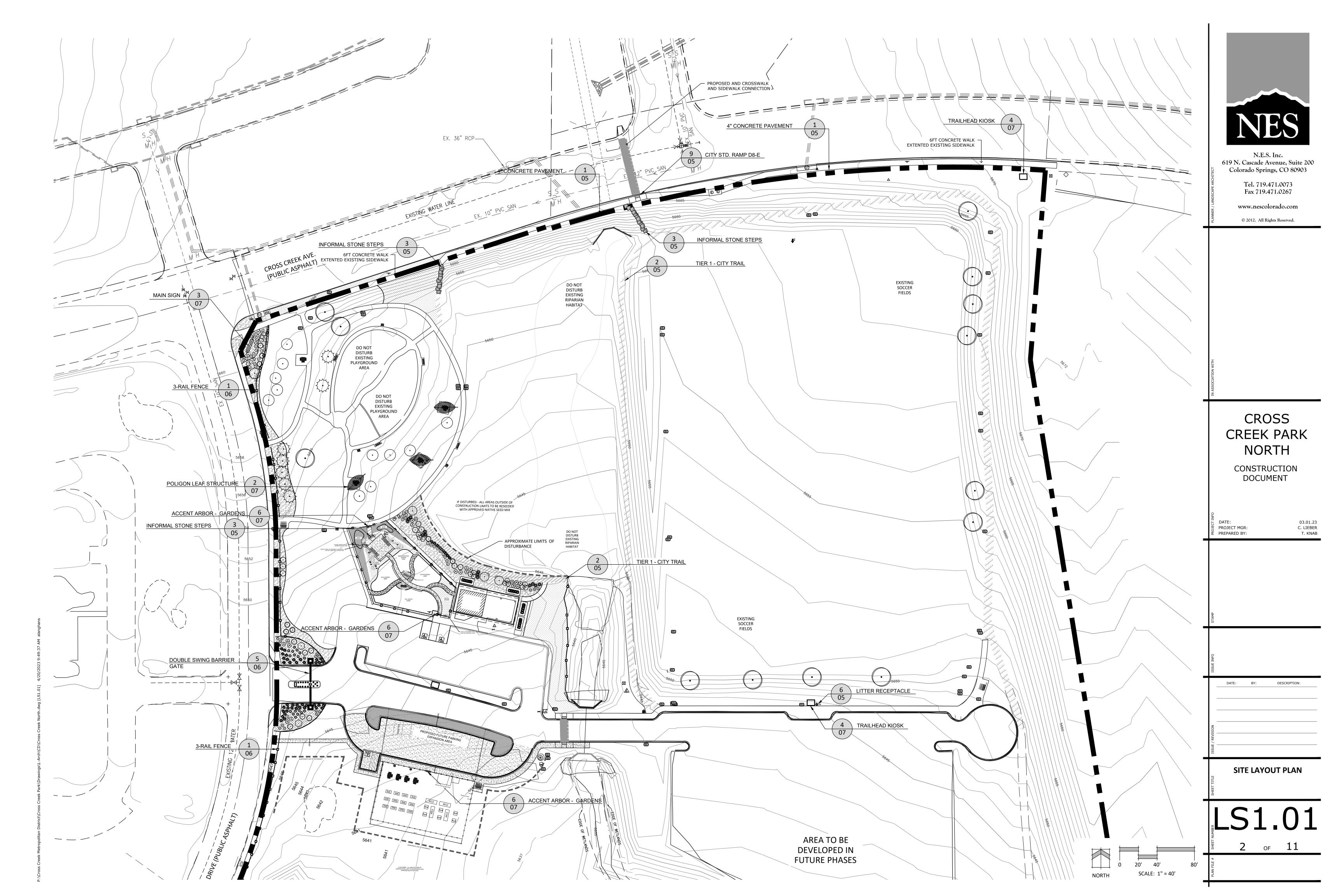
PO BOX 1329 Colorado Springs, CO 80901 DEVELOPER: PO BOX 908 Colorado Springs, CO 80901 LAND PLANNER: 619 N. Cascade Ave., Suite 200 Colorado Springs, CO 80903 CIVIL ENGINEER: 6162 S. Willow Drive, Suite 320 Greenwood Village, CO 80111

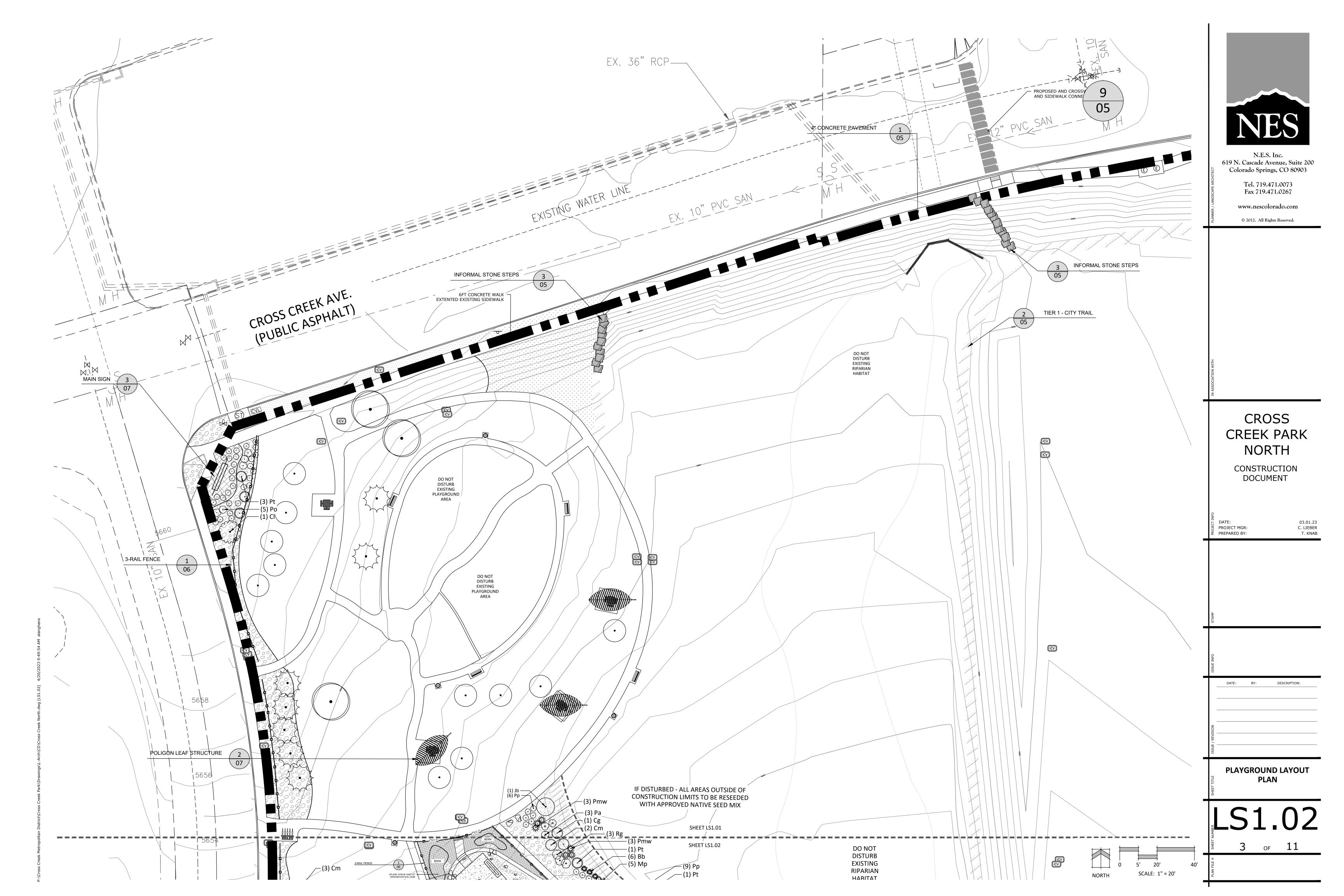
BUILDER: 3424 Peachtree Road NE, Suite 300 Atlanta, GA 30326

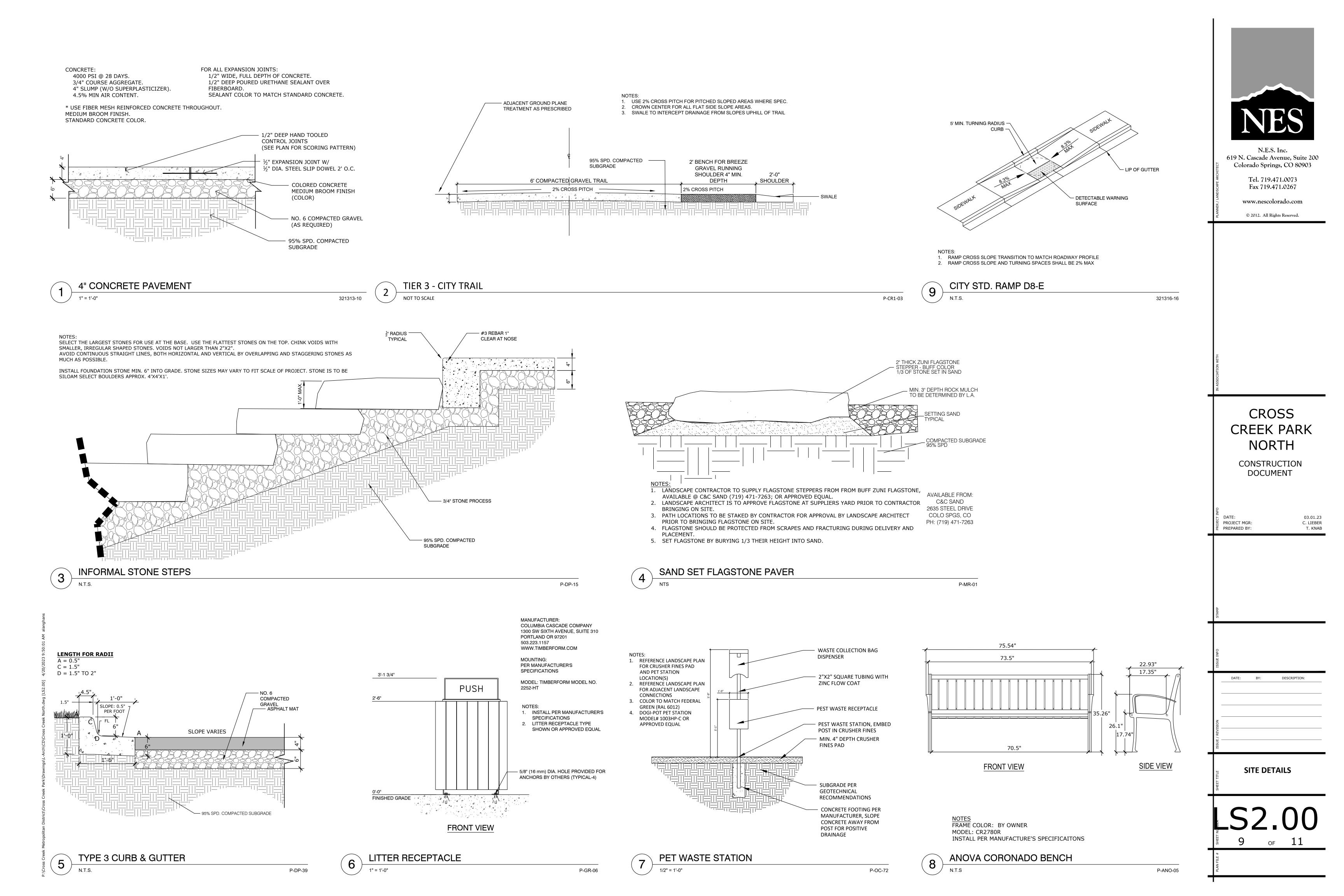
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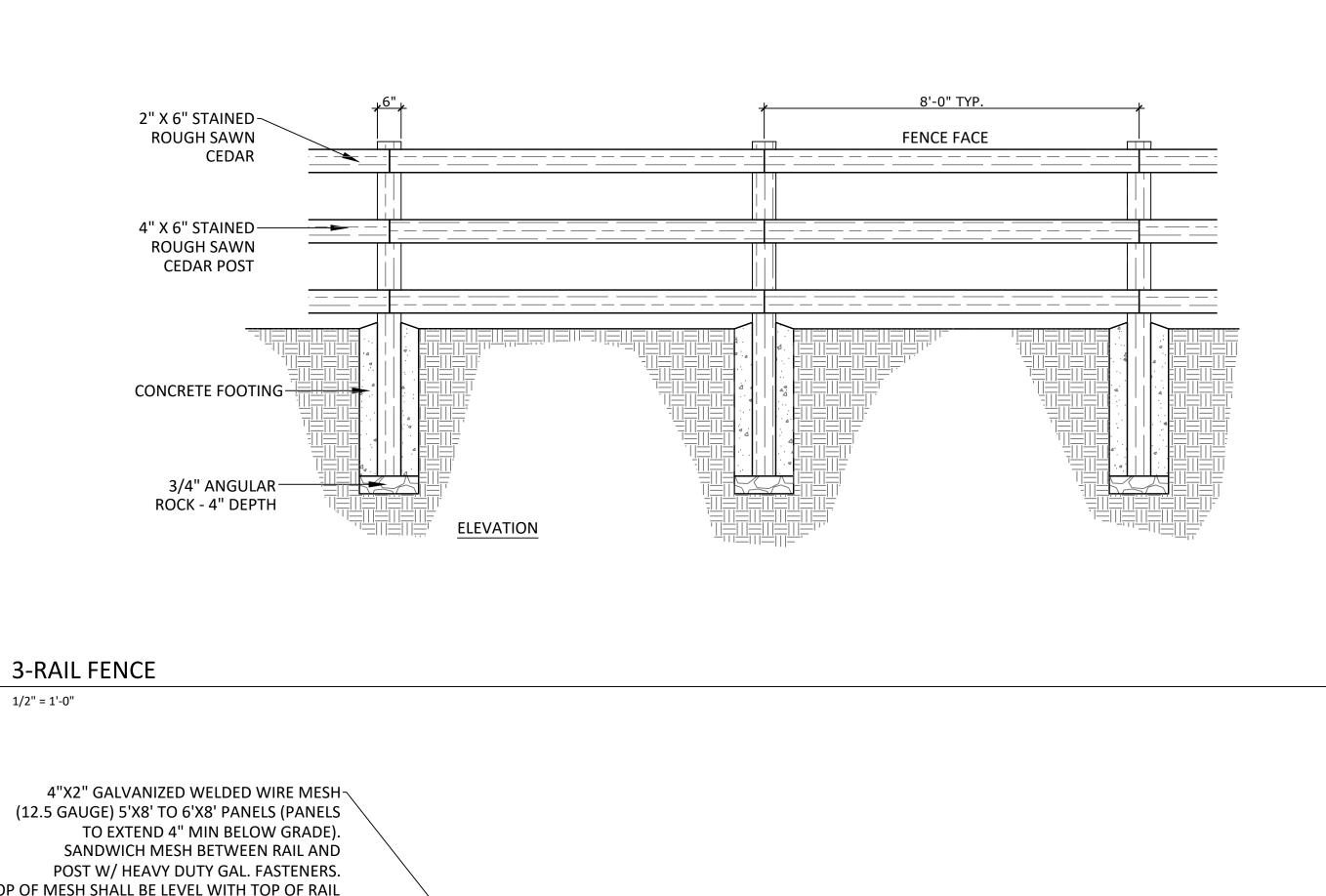
LS 1.00 Cover Sheet LS 1.01 Site Layout Plan LS 1.02 Playground Layout Plan LS 2.00 Site Details LS 2.01 Site Details LS 2.02 Site Details LS 3.00 Landscape Details LS 3.01 Ladscape Notes Entry and Community Garden Planting Plan LS 4.00 LS 4.01 Demonstration Garden Layout Plan Community Garden Layout Plan LS 4.02

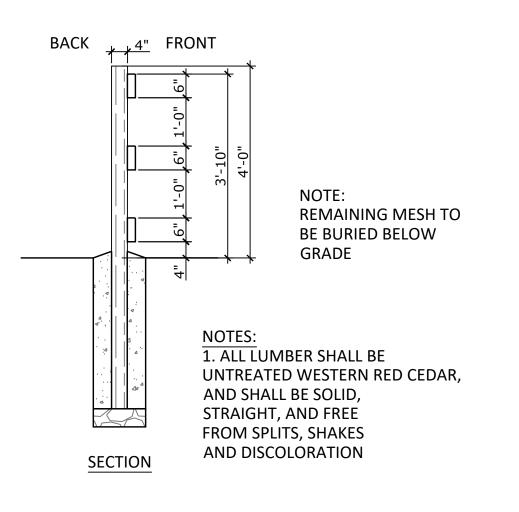
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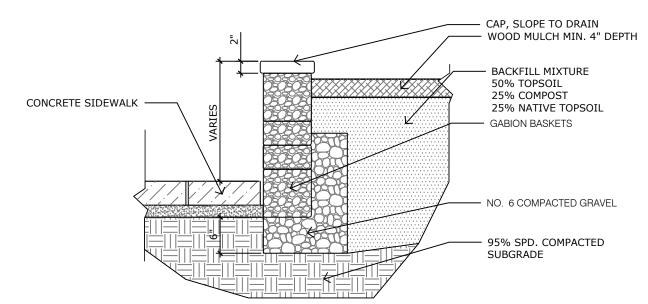




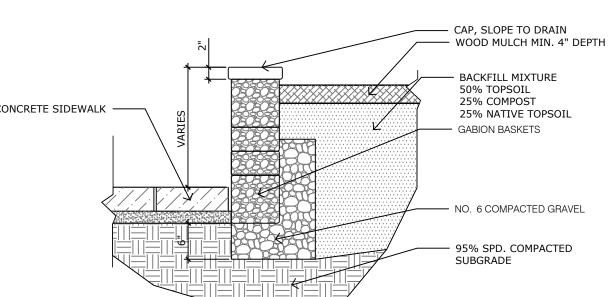


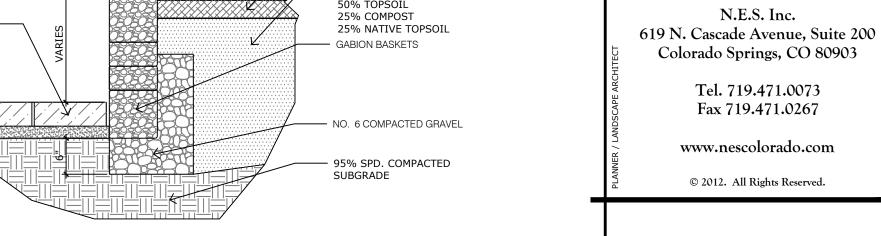




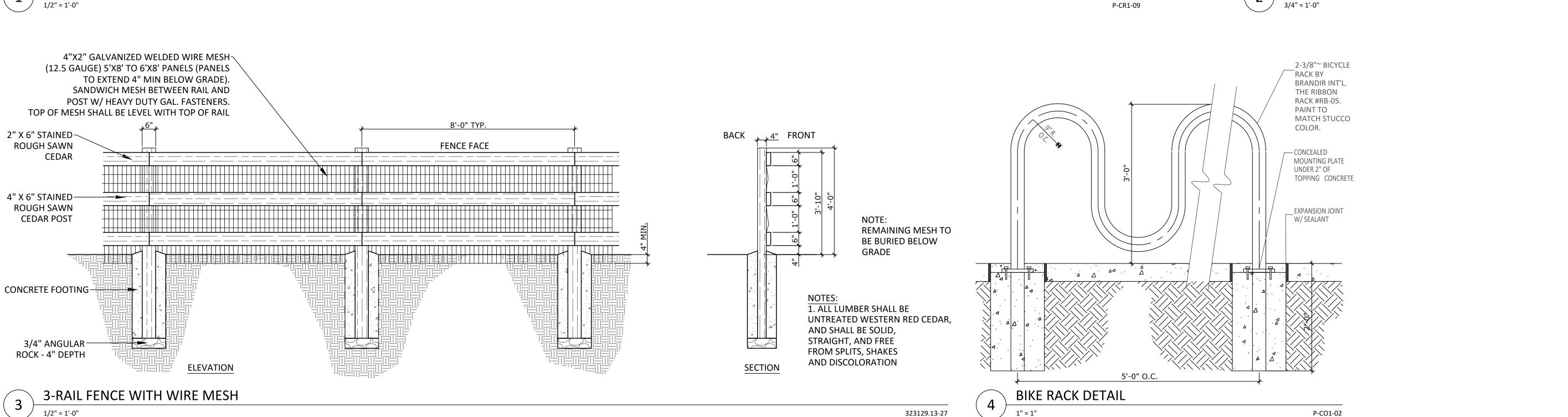


GABION SEAT WALL

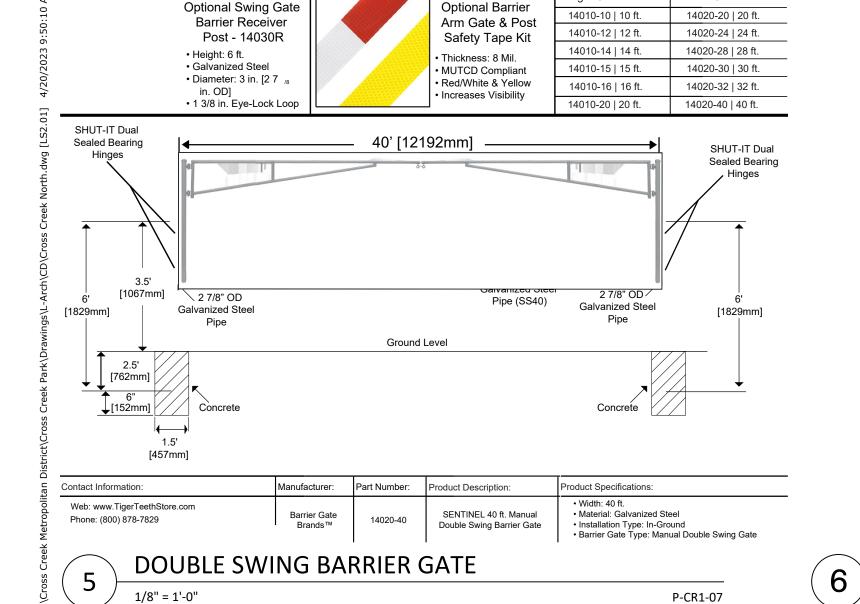




P-CR1-02

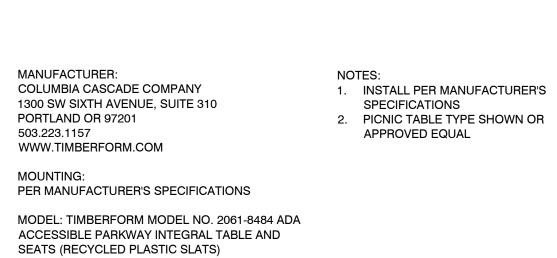


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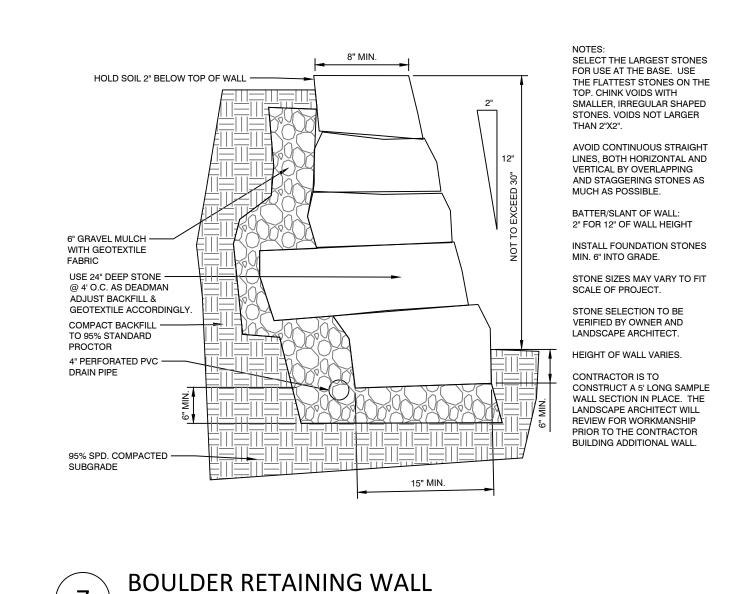


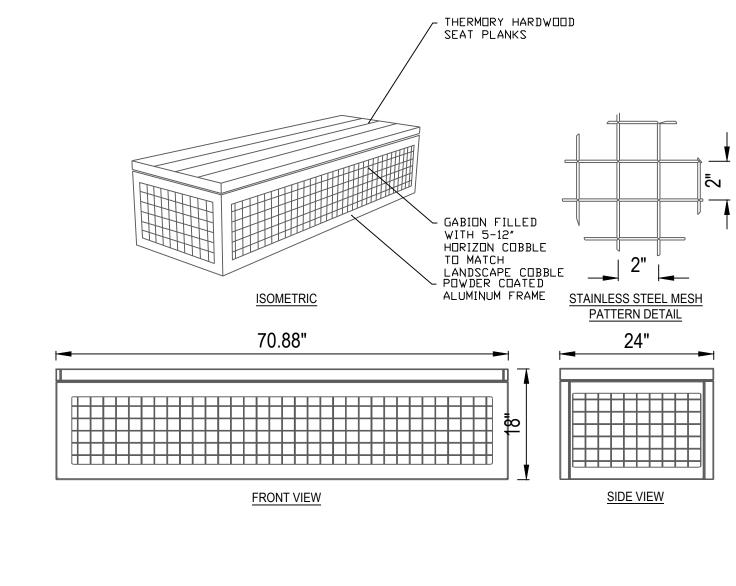
Optional Barrier

Single Gate Models: Double Gate Models:



PICNIC TABLE - ADA ACCESSIBLE





FRAME COLOR: TEXTURED PEWTER CAN1872T - CANYON THERMORY ANOVA GABION BENCH

P-CR1-15

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SITE DETAILS

N.E.S. Inc.

CROSS

CREEK PARK

NORTH

CONSTRUCTION

DOCUMENT

03.01.23

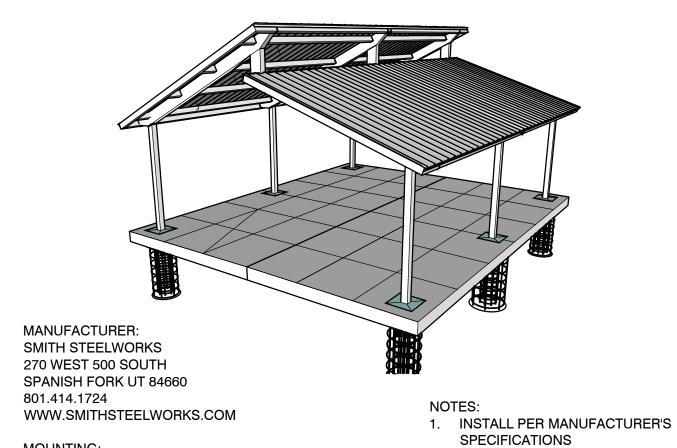
T. KNAB

C. LIEBER

DATE:

PROJECT MGR:

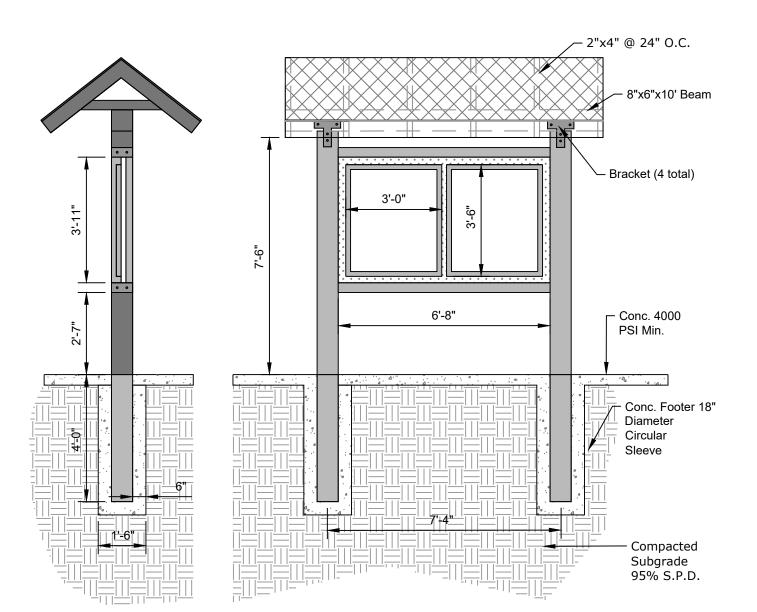
PREPARED BY:



MOUNTING: PER MANUFACTURER'S SPECIFICATIONS

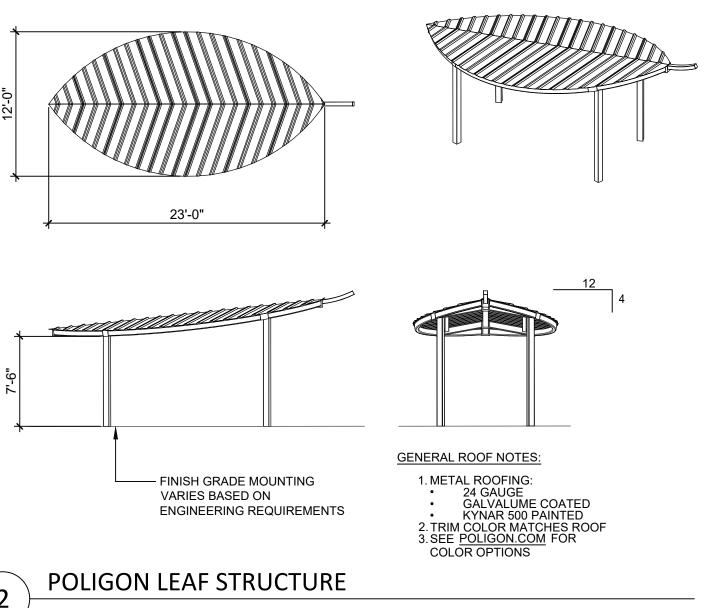
20X20 CLERESTORY PAVILION





P-CR1-08

PARK INFORMATION KIOSK P-NO-01



VACKER SIGN - SIGNS FOR PARKS AND TRAILS

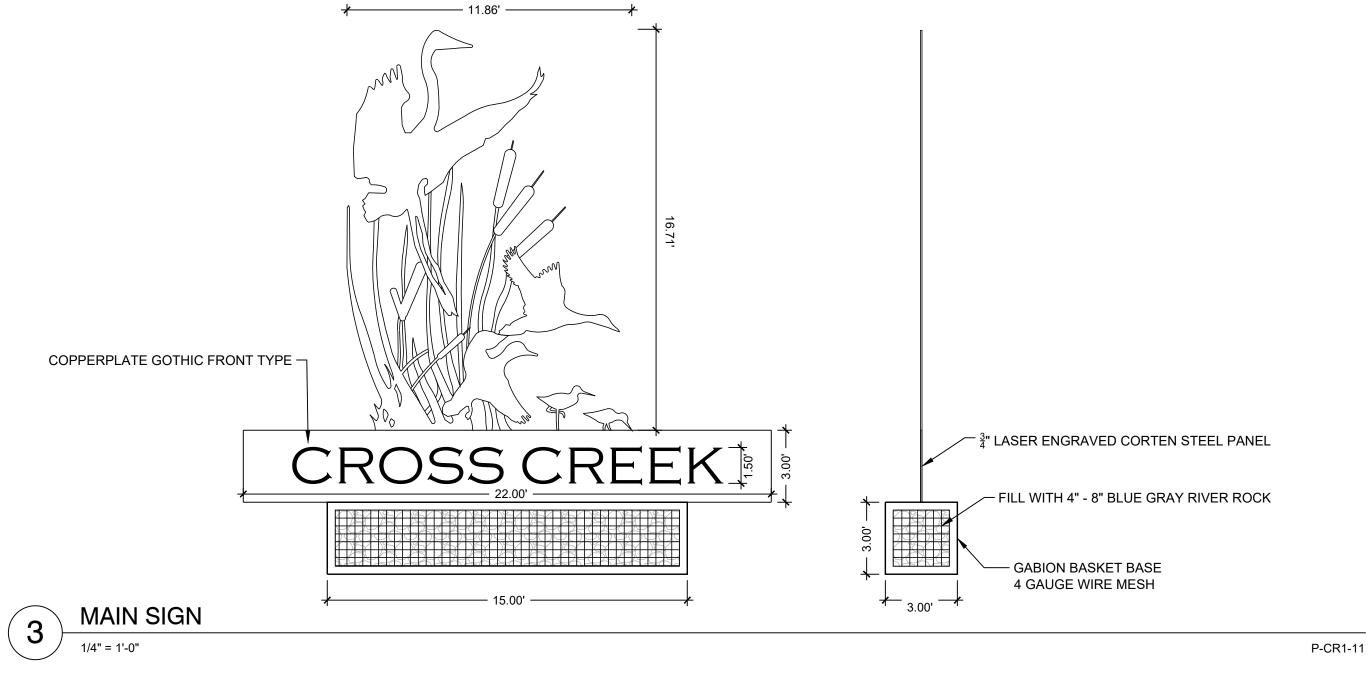
BULLETIN CASE WITH UPRIGHT POST SET: CASE DIMENSIONS RANGE 18"x24" - 36"x48"

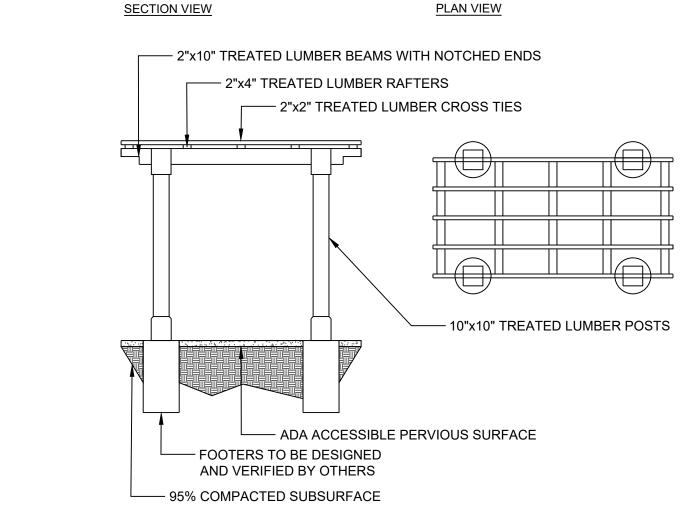
WEBSITE: VACKERSIGN.COM

UPRIGHT POST SET HEIGHT DIMENSION RANGE: 96" - 108"

CONTACT INFORMATION: (877)487-3101 OR (651) 487-3100

INTERPRATIVE SIGN PANEL AND PEDESTAL: 1/2" THICK HPL PANEL MOUNTED TO FRAMELESS ANGLE MOUNT PEDESTAL





VACKER PARK AND TRAIL SIGNAGE P-CR1-13

ACCENT ARBOR - GARDENS P-CR1-14 N.E.S. Inc. 619 N. Cascade Avenue, Suite 200 Colorado Springs, CO 80903 Tel. 719.471.0073 Fax 719.471.0267 www.nescolorado.com © 2012. All Rights Reserved. CROSS CREEK PARK NORTH CONSTRUCTION

DOCUMENT

03.01.23

C. LIEBER T. KNAB

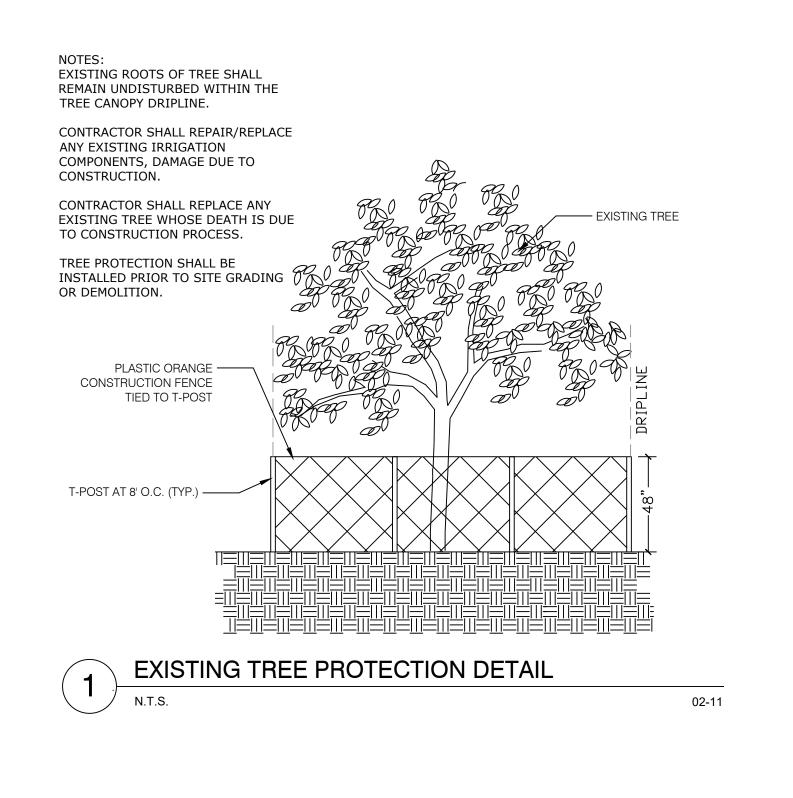
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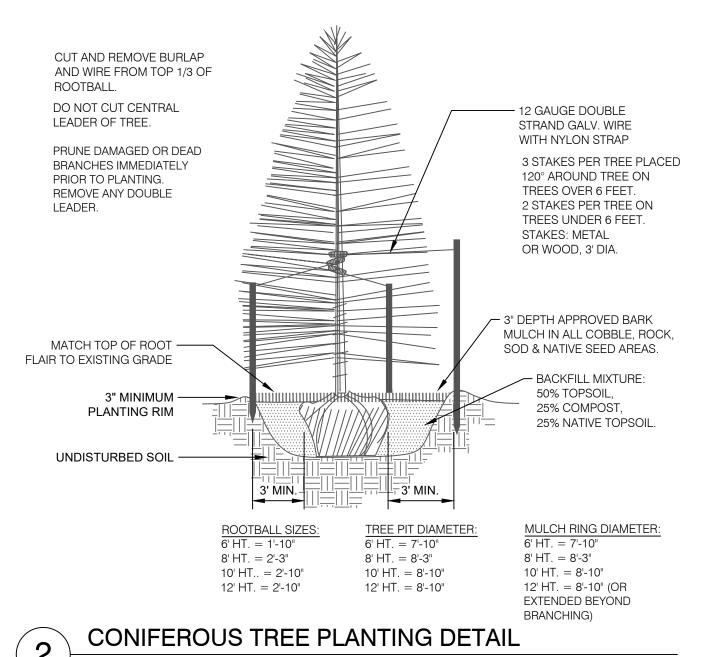
PROJECT MGR:

PREPARED BY:

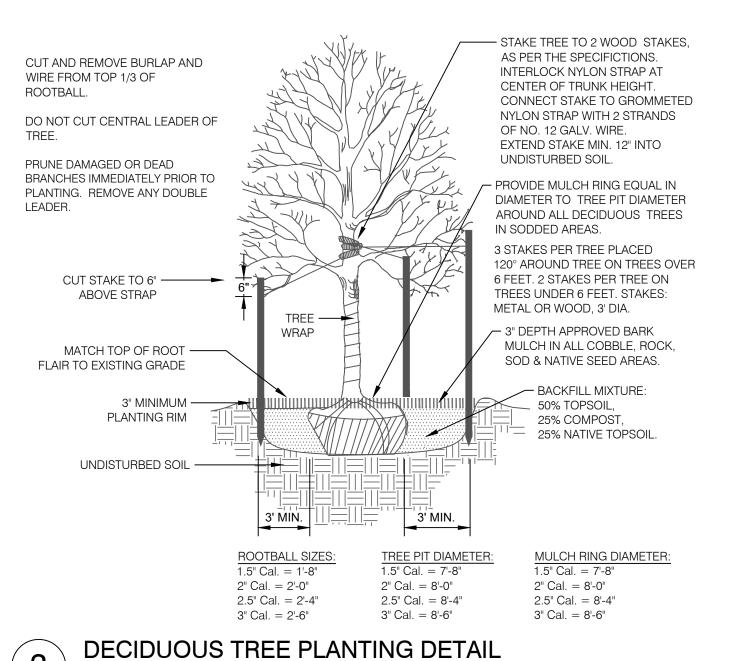
SITE DETAILS

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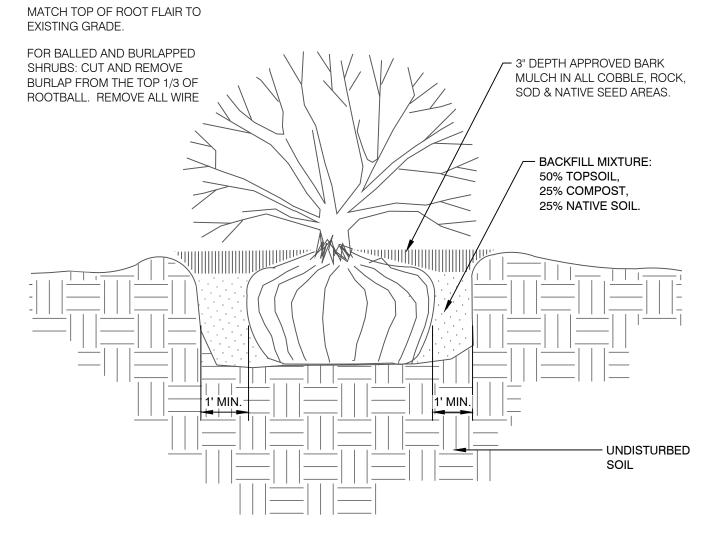


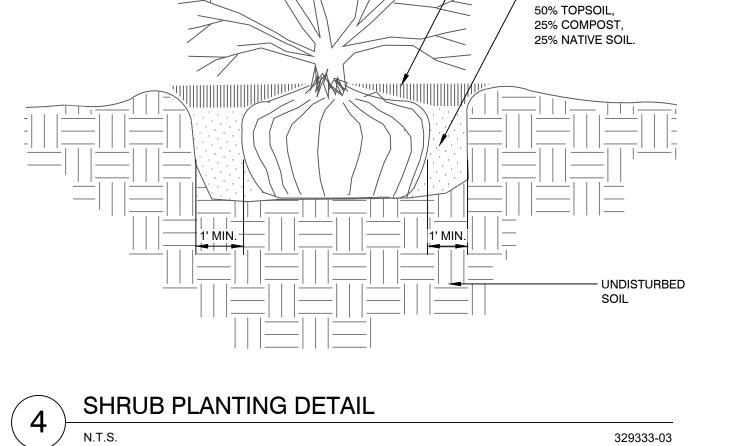


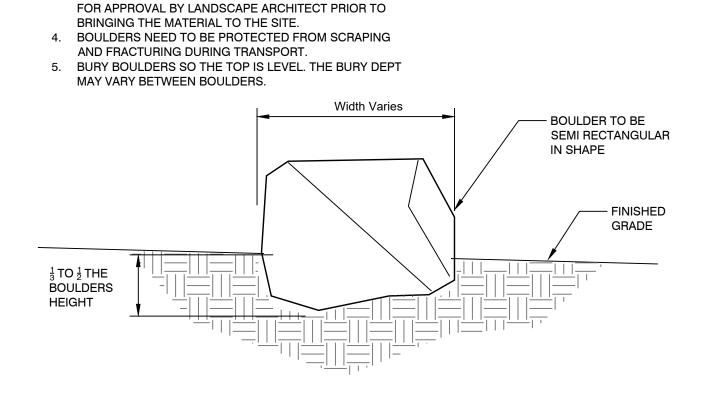
329343-02



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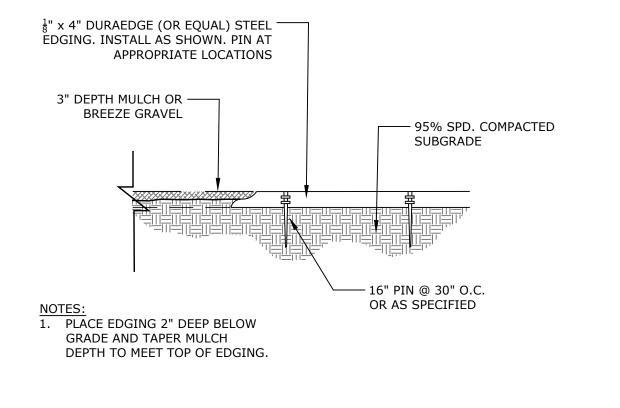
. BOULDERS TO BE SILOAM STONE.

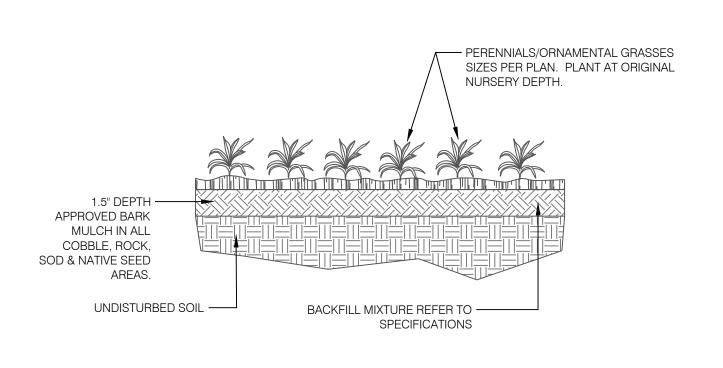
MATERIAL TO THE SITE.

2. LANDSCAPE ARCHITECT TO APPROVE TYPICAL BOULDERS AT SUPPLIERS PRIOR TO CONTRACTOR BRINGING THE

3. BOULDER LOCATION SHALL BE STAKED BY CONTRACTOR

LANDSCAPE BOULDER









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03.01.23

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Colorado Springs, CO 80903

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www.nescolorado.com

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LANDSCAPE NOTES

1. SOIL AMENDMENT - INCORPORATE 3 CUBIC YARDS/1000 SF AREA OF "PREMIUM 3 ORGANIC COMPOST", OR APPROVED EQUAL, ON HACHITA BLUE GRAMA TURF AREAS. INCORPORATE 2 CUBIC YARDS/1000 SF AREA OF ORGANIC COMPOST (DECOMPOSED MANURE) TO ALL NATIVE SEED AREAS. TILL INTO TOP 8" OF SOIL. FOR PLANTING PIT AMENDMENTS, SEE LANDSCAPE DETAILS. RECOMMENDED SOIL AMENDMENT FOR PLANTING PITS:

> TRI-MIX III as supplied by C&C Sand -To be applied as backfill in planting pits

2. FERTILIZER REQUIREMENTS BELOW ARE BASED ON SOIL ANALYSIS. NITROGEN 0 LBS/1000SF <u>0 LBS/1000SF</u> <u>0 LBS/1000SF</u> PHOSPHORUS (P205) 0 LBS/1000SF POTASSIUM (K20) 0 LBS/1000SF 0 LBS/1000SF 0 LBS/1000SF SULFUR (SO4-S) 0 LBS/1000SF 0 LBS/1000SF 0 LBS/1000SF

*NATIVE SEED FERTILIZER NOTE - APPLY NITROGEN AND OTHER FERTILIZER JUST PRIOR TO THE BEGINNING OF SPRING GROWTH, AFTER GRASS HAS ESTABLISHED. APPLYING NITROGEN TOO EARLY CAN STIMULATE COOL SEASON GRASSES AND WEEDS, THUS LIMITING SEED YIELDS.

3. CONTRACTOR TO UTILIZE STOCKPILED TOPSOIL FROM GRADING OPERATION AS AVAIL. TILL INTO TOP 8" OF SOIL. 4. -OR- TOPSOIL TO BE IMPORTED.

5. CONTRACTOR TO TEST AMENDED SOIL. TAKE 1 TEST IN EACH GRAMA SOD/ALTERNATIVE TURF AREA, 1 TEST IN PLANTING BED AREA, AND 1 TEST IN SEEDED AREA, AND SUBMIT SOIL ANALYSIS TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLING LANDSCAPE.

SUBMIT FERTILIZER PRODUCT SHEET TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.

LANDSCAPE ARCHITECT (L.A.) TO APPROVE BERMING BEFORE PLANTING CAN BEGIN. 8. ALL PRESERVATION AREAS CONTAINING VEGETATION DESIGNATED TO BE PRESERVED, SHALL BE FENCED OFF DURING CONSTRUCTION TO MINIMIZE DISTURBANCE IN THESE AREAS. ALL FENCING SHALL BE INSTALLED AROUND PRESERVED VEGETATION PRIOR TO ANY GRADING ON THE PROPERTY. A 4-FOOT ORANGE CONSTRUCTION SAFETY FENCE SHOULD BE USED IN THIS APPLICATION. SUBMIT PRODUCT INFO TO L.A. FOR APPROVAL PRIOR TO INSTALLATION.

9. A FULLY AUTOMATED SPRINKLER IRRIGATION SYSTEM WILL DRIP IRRIGATE ALL TREE, SHRUB, AND GROUND COVER PLANTING AREAS AND SPRAY ANY TURE, IRRIGATION PLAN WILL INCLUDE AN IRRIGATION SCHEDULE THAT NOTES APPLICATION RATES BASED ON TURE TYPE, AND NOTES RATES FOR NEWLY PLANTED PLANTS VS. ESTABLISHED PLANTS AND GENERAL RECOMMENDATIONS REGARDING SEASONAL ADJUSTMENTS (SPRING AND FALL). 10. NATIVE SEED AREAS TO USE SEED MIX SPECIFIED ON THIS SHEET. ALL SEED AREAS SHALL BE IRRIGATED UNTIL ESTABLISHMENT. SUBMIT SEED MIX

PRODUCT INFORMATION TO L.A. FOR APPROVAL PRIOR TO INSTALLATION. 11. EROSION CONTROL BLANKET TO BE APPLIED ON ALL SEED AREAS WITH GREATER THAN 3:1 SLOPES. EROSION CONTROL BLANKET TO BE: \$150BN WITH 6" STEEL STAKES AVAILABLE FROM NORTH AMERICAN GREEN DISTRIBUTOR, NILEXENVIRONMENTAL INC. (303)766-2000, OR APPROVED EQUAL. SUBMIT SAMPLE AND PRODUCT INFO TO LANDSCAPE ARCHITECT (L.A.) FOR APPROVAL PRIOR TO INSTALLATION. INSTALL PER MANUFACTURER'S

SPECIFICATIONS. 12. ALL SEED SHALL BE WARRANTED FOR ONE FULL YEAR AND BE IN SATISFACTORY CONDITION AT THE END OF THE WARRANTY PERIOD. NO AREA LARGER THAN 3"x3" WITHIN THE IRRIGATED SEEDING AREA, 12"x12" FOR NON-IRRIGATED SEEDING AREAS OF THIS PROJECT SHALL BE VOID OF

SUBSTANTIAL GRASS 45 DAYS AFTER THE TIME OF SEEDING DURING THE GROWING SEASON. 13. ALL TREES AND SHRUBS TO RECEIVE A BACK FILL MIXTURE OF 50% IMPORTED LOAMY TOPSOIL, 25% COMPOST, AND 25% EXISTING SOIL.

14. ALL TREES TO BE STAKED WITH WOOD STAKES. FOR 3" CAL. DECIDUOUS TREES AND EVERGREEN TREES OVER 8' USE 3 WOOD STAKES (STAKE TO

GROUND LEVEL). SUBMIT STAKING MATERIALS PRODUCT INFO TO L.A. FOR APPROVAL PRIOR TO INSTALLATION. 15. ALL TREES TO BE STAKED FOR A MINIMUM OF 18 MONTHS. REMOVE STAKING MATERIALS ONCE TREE IS ESTABLISHED, WHICH MAY DEPEND ON TREE SPECIES, MATURITY AND SITE CONDITIONS.

16. MINIMUM INSPECTIONS WILL INCLUDE:

a. SELECTION OF SPECIMEN PLANT MATERIALS AT CONTRACTOR'S NURSERY OR WHOLESALER, b. APPROVAL OF PLANT LOCATION STAKES BEFORE PLANT MATERIALS ARE INSTALLED,

c. 'PUNCH LIST' SITE INSPECTIONS, AND

2/05

4/05

5/05

7/05

8/05

9/05

1/06

2/06

3/06

5/06

6/06

7/06

8/06

3/07

4/07

5/07

3/12

4/12 5/12 CELRESTORY PAVILION POLIGON LEAF STRUCTURE

VACKER PARK AND TRAIL SIGNAGE

EXISTING TREE PROTECTION DETAIL CONIFEROUS TREE PLANTING DETAIL

DECIDUOUS TREE PLANTING DETAIL

PERENNIAL / ORNAMENTAL GRASS PLANTING 3293-04

ACCENT ARBOR - GARDENS

SHRUB PLANTING DETAIL

LANDSCAPE BOULDER

STEEL EDGING

TRAILHEAD KIOSK

MAIN SIGN

d. FINAL INSPECTION SITE VISIT. ANY ADDITIONAL VISITS CAUSED BY INCOMPLETE LANDSCAPE CONTRACTOR WORK, WILL BE CHARGED TO THE LANDSCAPE CONTRACTOR AT

LANDSCAPE ARCHITECT'S HOURLY RATE. 16. CONTRACTOR TO APPLY PRE-EMERGENT HERBICIDE TO SHRUB BEDS PER MANUFACTURER'S SPECIFICATIONS. SUBMIT MANUFACTURER'S SPEC. SHEET TO L.A. FOR APPROVAL PRIOR TO APPLICATION OF HERBICIDE.

17. ALL PLANTS TO RECEIVE 3 INCH DEPTH OF SHREDDED CEDAR WOOD MULCH UNLESS OTHERWISE SPECIFIED. MULCH RINGS TO BE SIZED PER PLANTING DETAILS. WOOD MULCH TO BE "WESTERN RED CEDAR MULCH" AVAILABLE FROM C&C SAND COMPANY (719)577-9900 OR PIONEER SAND CO. (719)725-6550. SUBMIT PRODUCT INFORMATION TO L.A. FOR APPROVAL PRIOR TO INSTALLATION.

18. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL PLANT MATERIAL SHOWN ON THIS PLAN. IF ANY DISCREPANCIES ARE FOUND BETWEEN THE LANDSCAPE PLAN AND THE PLANT SCHEDULE, THE QUANTITIES SHOWN ON THE LANDSCAPE PLAN SUPERSEDE THOSE SHOWN ON THE PLANT

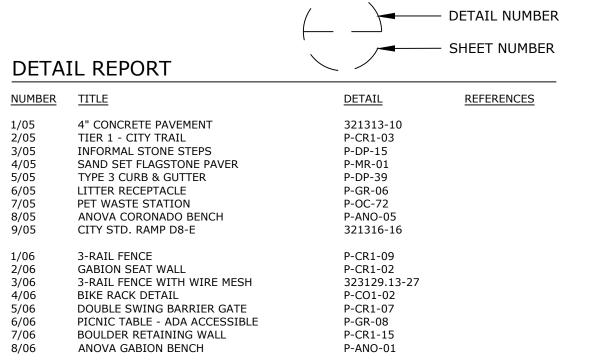
19. PLANTS SHALL BE WARRANTED FOR THE DURATION OF ONE FULL YEAR AFTER THE INSTALLATION (WARRANTY SHALL COVER 100% OF THE

20. ALL SOD/TURF, ROCK, & SHRUB BEDS TO BE SEPARATED BY SOLID STEEL EDGING. ALL SHRUB BEDS TO BE ENCLOSED BY STEEL EDGING. SEPARATION BETWEEN SOD AND NATIVE SEED, AND BETWEEN ALTERNATIVE TURF AND NATIVE SEED SHALL BE A MOWED STRIP, WITHOUT STEEL EDGING.

21. SE: SOLID STEEL EDGING TO BE: "DURAEDGE" (1/8" THICK x 4" WIDE) STEEL LANDSCAPE EDGING, GREEN COLOR, WITH ROLLED EDGE AND STEEL STAKES. AVAILABLE FROM CPS DISTRIBUTORS (719)574-2400, OR FROM DIRECT LANDSCAPE SUPPLY IN DENVER (303)781-2270. USE SOLID STEEL EDGING EXCEPT WHERE NOTED ON THE PLANS. SUBMIT PRODUCT INFORMATION TO L.A. FOR APPROVAL PRIOR TO INSTALLATION. 22. PSE: PERFORATED STEEL EDGING TO BE: ACME (14 GA. x 4" WIDE) GALVANIZED STEEL EDGING, WITH ROLLED EDGE AND GALVANIZED STEEL STAKES.

AVAILABLE FROM ACME MANUFACTURING CO. IN DENVER (303)355-2344. SEE PLAN FOR LOCATIONS OF PSE. SUBMIT PRODUCT INFORMATION TO I A FOR APPROVAL PRIOR TO INSTALLATION 23. ALL TREES PLANTED IN ROCK MULCH AREAS TO RECEIVE A 3' RADIUS RING OF WOOD MULCH.

24. ROCK MULCH TO BE: 1.5" GOLDEN SUNSET AVAILABLE FROM C&C SAND COMPANY (719) 577-9900, OR EQUAL. GEOTEXTILE/FILTER FABRIC TO BE WEED CONTROL POLYSPUN 350, 3.5 OUNCES/SQ. YARD, OR EQUAL. PLACE FABRIC UNDER ALL ROCK MULCH AREAS, BUT NOT UNDER WOOD MULCH AREAS. SUBMIT ROCK & FABRIC SAMPLES & PRODUCT INFORMATION TO L.A. FOR APPROVAL PRIOR TO INSTALLATION.



P-CR1-08

P-CR1-01

P-CR1-11

P-NO-01

P-CR1-13

P-CR1-14

329343-02

329343-01

329333-03

3294-08

329413-09

GROUNDCOVER LEGEND

COO ANY SCIENCE	EXISTING DECIDUOUS - TO REMAIN	13
	EXISTING EVERGREEN - TO REMAIN -	7
•	DECIDUOUS ORNAMENTAL - TO REMAIN -	11
$\overline{\bullet}$	EXISTING SHRUB - TO REMAIN -	31
	SOD HACHITA BLUE GRAMA (Bouteloua gracilis) -	817 sf
	WOOD MULCH WESTERN RED CEDAR -	5,199 sf
	<u>COBBLE</u> 4" - 8" ARKANSAS TAN RIVER ROCK -	7,105 sf
	SAND -	9,164 sf
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	NATIVE SEED W/ WILDFLOWER MIX El Paso County Low Grow Seed Mix Drilled at 21 PLS/acre, Hydroseed on splores 3:1 & greater at 42 PLS/acre 29% Sideoats Grama 25% Buffalograss 20% Blue Grama 5%Green Needlegrass 1% Sand Dropseed	6,161 sf
0 0	DECORATIVE ROCK 1.5" GOLDEN SUNSET	1,996 sf
	COMPACTED GRAVEL TRAIL	12,054 sf
o o o	550000 550	. 765 6

1,765 sf

PLANT SCHEDULE

DECIDUOUS SHRUBS	CODE	<u>QTY</u>	BOTANICAL / COMMON NAME	<u>HEIGHT</u>	WIDTH	SIZE	COND
A B B B B B B B B B B B B B B B B B B B	Cl	1	Cercocarpus ledifolius / Curl-leaf Mountain Mahogany	12`	12`	5 GAL	CONT
(•)	Cm	5	Chamaebatiaria millefolium / Fernbush	6`	6`	5 GAL	CONT
	Cg	9	Chrysothamnus nauseosus graveolens / Tall Green Rabbitbrush	6`	6`	5 GAL	CONT
••	Pa	19	Perovskia atriplicifolia / Russian Sage	4`	4`	5 GAL	CONT
•	Ро	5	Physocarpus opulifolius `Coppertina` / Coppertina Ninebark	4`	4`	5 GAL	CONT
	Pc2	2	Prunus x cistena / Purple Leaf Sand Cherry	8`	8`	6`	CONT
	Rg	12	Ribes aureum / Golden Currant	5`	6`	5 GAL	CONT
EVERGREEN SHRUBS	CODE	<u>QTY</u>	BOTANICAL / COMMON NAME	<u>HEIGHT</u>	WIDTH	SIZE	COND
\odot	Jb	3	Juniperus sabina 'Buffalo' / Buffalo Juniper	2`	10`	5 GAL	CONT
AND	Pt	8	Pinus mugo 'Tannenbaum' / Tannenbaum Mugo Pine	15`	6`	5 GAL	CONT
Z.	Pmw	13	Pinus mugo `White Bud` / White Bud Mugo Pine	4`	4`	5 GAL	CONT
<u>GRASSES</u>	CODE	<u>QTY</u>	BOTANICAL / COMMON NAME	<u>HEIGHT</u>	WIDTH	SIZE	COND
STANKS.	Bb	92	Bouteloua gracilis `Blonde Ambition` / Blonde Ambition Blue Grama	3`	3`	1 GAL	CONT
*	Cxa	19	Calamagrostis x acutiflora `Karl Foerster` / Feather Reed Grass	5`	2`	1 GAL	CONT
MUNICAL STATES	Мр	28	Muhlenbergia capillaris `Pink Cloud` / Pink Cloud Pink Muhly Grass	3`	3`	1 GAL	CONT
•	Рр	15	Panicum virgatum 'Prairie Sky' / Prairie Sky Switch Grass	5`	3`	1 GAL	CONT
	Ph	21	Panicum virgatum `Heavy Metal` / Heavy Metal Switch Grass	6`	3`	1 GAL	CONT
<u>PERENNIALS</u>	CODE	<u>QTY</u>	BOTANICAL / COMMON NAME	<u>HEIGHT</u>	WIDTH	SIZE	COND
\odot	Ga	3	Gaillardia aristata 'Arizona Apricot' / Arizona Apricot Blanket Flower	1`	2`	1 GAL	CONT
\odot	Ga2	3	Gaillardia aristata 'Arizona Red Shades' / Arizona Red Shades Blanket Flower	1`	2`	1 GAL	CONT
0	Gg	3	Gaillardia x grandiflora 'Goblin' / Goblin Blanketflower	1`	2`	1 GAL	CONT
©	Gr	6	Gaillardia x grandiflora 'Mesa Peach' / Mesa Peach Blanketflower	2`	2`	1 GAL	CONT
	Gm	6	Gaillardia x grandiflora 'Mesa Yellow' / Mesa Yellow Blanketflower	2`	2`	1 GAL	CONT
+	Mf	10	Monarda didyma 'Fireball' / Fireball Bee Balm	2`	2`	1 GAL	CONT
£ +3	Ms	6	Monarda didyma 'Gardenview Scarlet' / Gardenview Scarlet Bee Balm	3`	3`	1 GAL	CONT
	Mp2	3	Monarda didyma 'Panorama Red' / Panorama Red Bee Balm	3,	3,	1 GAL	CONT



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PROJECT ADDRESS

OTHER INFO DATE: 00/00/0000 PROJECT MGR: PROJECT MGR PREPARED BY: PREPARED BY

ISSUE TYPE

ISSUE: DATE: 00/00/00 DESCRIPTION

LANDSCAPE NOTES

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