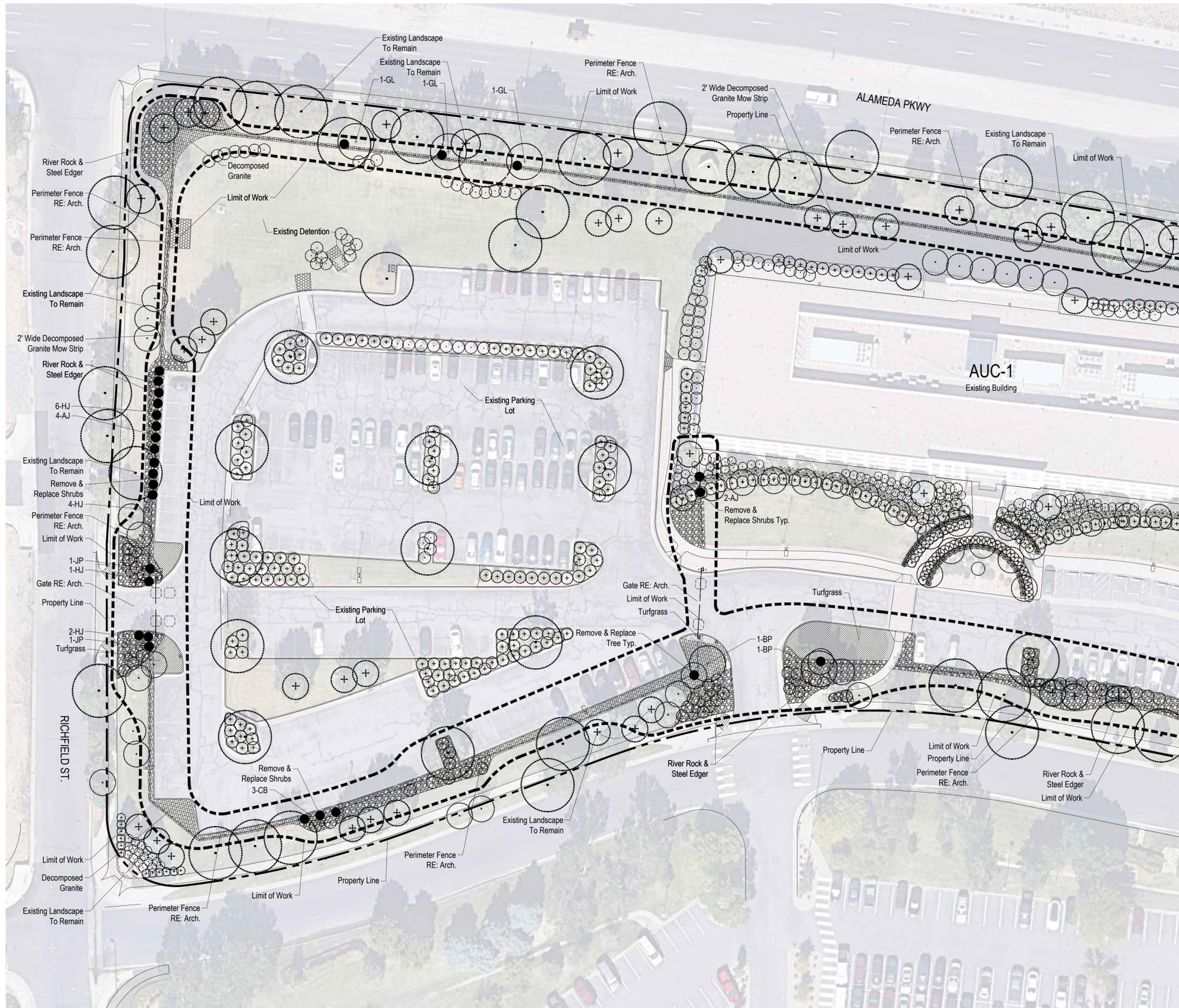


# NORTHROP GRUMMAN BUILDING AUC-1 SITE PLAN AMENDMENT

LOT 1, BLOCK 1 SHEA CENTER SUBDIVISION FILING NO. 1  
CITY OF AURORA, ARAPAHOE COUNTY, STATE OF COLORADO  
A PART OF THE NORTH 1/2 OF SECTION 16, T.4 S, R.66 W. OF THE 6TH P.M.  
8.133 ACRES

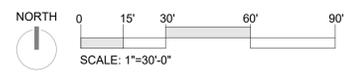


## LANDSCAPE LEGEND

- EXISTING TREES TO REMAIN: SEE TREE PROTECTION DETAIL
- EXISTING SHRUBS/GRASSES TO REMAIN
- EXISTING TREE/SHRUBS TO BE REMOVED & REPLACED
- 1-XX REPLACED TREE: 4" CALIPER MINIMUM REFER TO PLANT NOTATION & PLANT LIST FOR REPLACEMENT
- 1-XX REPLACED SHRUB: 5 GALLON MINIMUM REFER TO PLANT NOTATION & PLANT LIST FOR REPLACEMENT
- 1"-3" RIVER ROCK MATCH EXISTING & ADD WHERE NECESSARY
- DECOMPOSED GRANITE (CRUSHER FINES): 1/4" MINUS, GRAY
- TURFGRASS - REPLACE WHERE DAMAGED - MATCH EXISTING
- PROPOSED METAL PICKET FENCE, RE: ARCHITECTURAL DRAWINGS
- STEEL EDGER

NOTE: SEE SHEET L3.0 & L4.0 FOR PLANT LIST, AND ALL LANDSCAPE NOTES & DETAILS

MATCHLINE SHEET L2.0



**DAVID P GOODE  
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Castle Rock, Colorado 80108  
Ph: 303-246-4943

**NORTHROP GRUMMAN AUC-1**  
17455 E. EXPOSITION DR. AURORA CO 80017

SUBMITTAL  
08.22.2023 PRICING SET

PROJECT TEAM  
CONTACT: JF  
DRAWN BY: JF  
REVIEWED BY: DG  
CONSULTANTS  
STACK LOT

PROJECT DESCRIPTION  
PERIMETER FENCING

PROJECT NUMBER  
21057.04

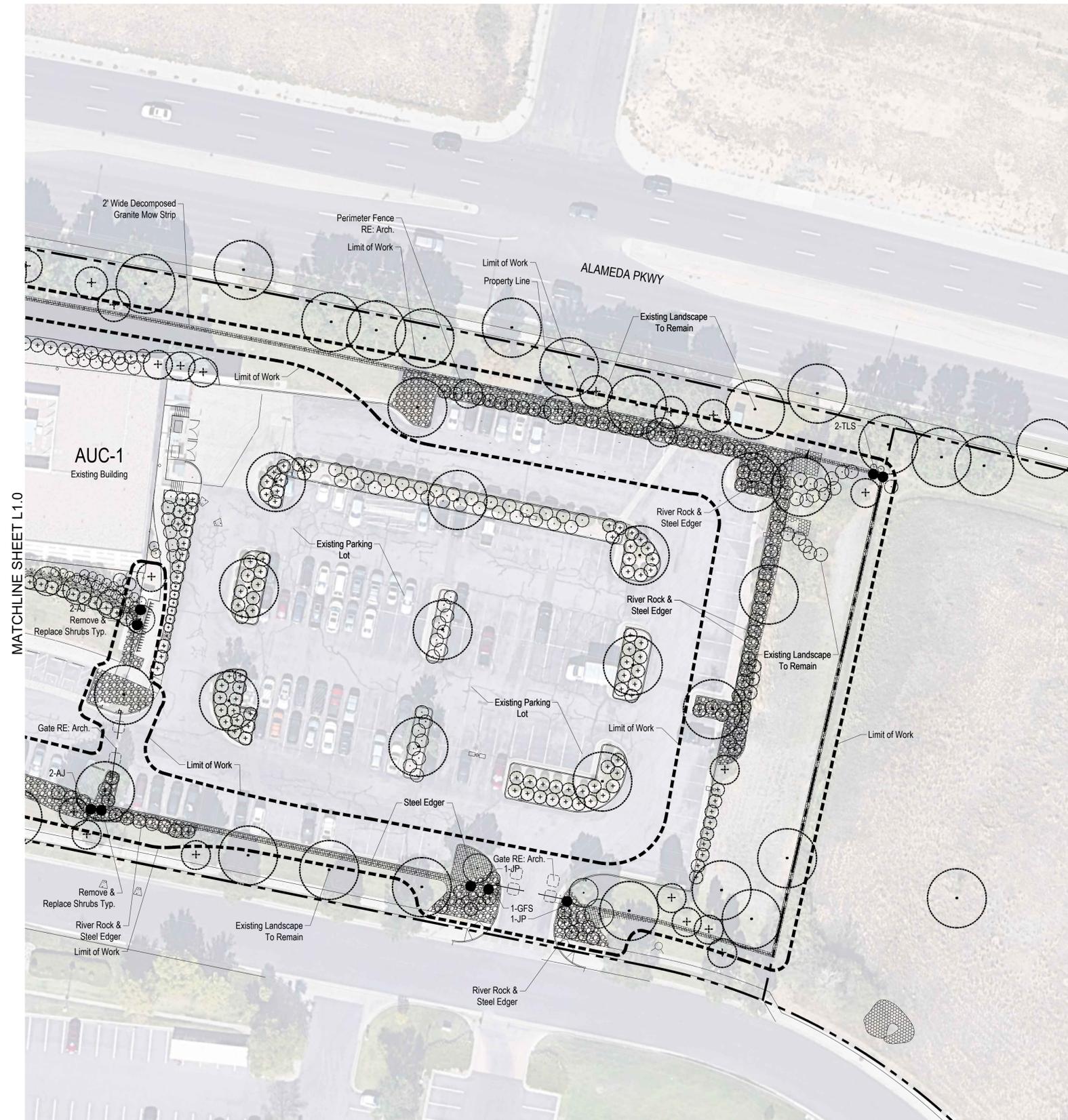
SHEET DESCRIPTION  
LANDSCAPE PLAN

SHEET NUMBER

**L1.0**

# NORTHROP GRUMMAN BUILDING AUC-1 SITE PLAN AMENDMENT

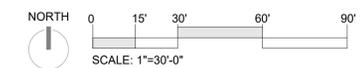
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- TURFGRASS - REPLACE WHERE DAMAGED - MATCH EXISTING
- PROPOSED METAL PICKET FENCE, RE: ARCHITECTURAL DRAWINGS
- STEEL EDGER

NOTE: SEE SHEET L3.0 & L4.0 FOR PLANT LIST, AND ALL LANDSCAPE NOTES & DETAILS



**STACKlot**

(urban design) | (planning) | (landscape architecture) | (tech)  
5639 SOUTH CURTICE STREET  
LITTLETON, COLORADO 80120  
303.983.2735  
STACKLOT.COM

NORTHROP GRUMMAN AUC-1  
17455 E. EXPOSITION DR. AURORA CO 80017

SUBMITTAL  
08.22.2023 PRICING SET

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CONTACT: JF  
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LANDSCAPE PLAN

SHEET NUMBER

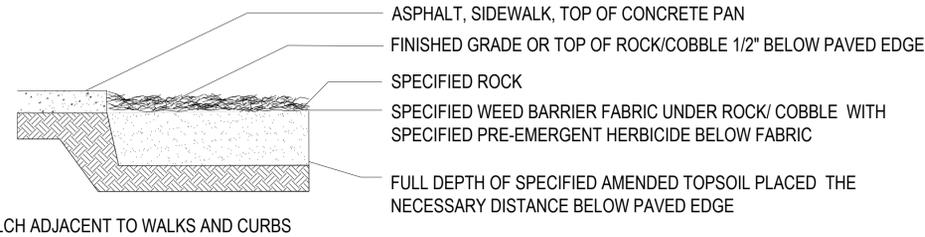
L2.0

# NORTHROP GRUMMAN BUILDING AUC-1 SITE PLAN AMENDMENT

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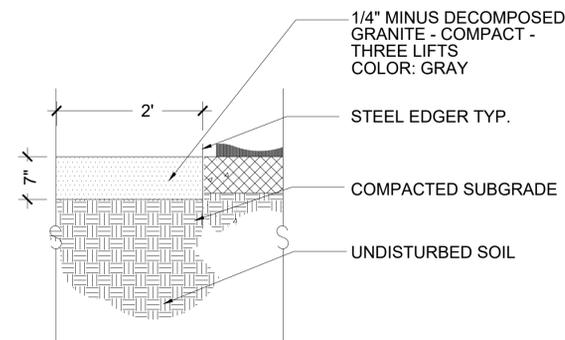
## LANDSCAPE NOTES

- THE LANDSCAPE ARCHITECTURAL PLAN IS TO BE USED IN CONJUNCTION WITH THE SURVEY, CIVIL, ELECTRICAL, STRUCTURAL AND ARCHITECTURAL CONSTRUCTION DOCUMENTS AND SPECIFICATIONS TO COMPLETE THE SITE INFORMATION.
- LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF UTILITIES ADJACENT TO WORK AREA. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD.
- PRIOR TO THE COMMENCEMENT OF WORK, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND AVOIDING DAMAGE TO ALL UTILITIES DURING THE COURSE OF WORK. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. THAT OCCURS AS A RESULT OF THE LANDSCAPE CONTRACTOR.
- PEDESTRIAN AND VEHICULAR ACCESS TO ALL ADJACENT PROPERTIES SHALL BE SAFE AND CLEARLY MARKED THROUGHOUT THE CONSTRUCTION PROCESS.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THE PLANS BEFORE PRICING THE WORK.
- NO MATERIAL SUBSTITUTIONS SHALL BE MADE WITHOUT OWNER/LANDSCAPE ARCHITECT'S APPROVAL. ANY RIGHT OF WAY MATERIAL OR TREE SUBSTITUTIONS MUST BE APPROVED BY THE OFFICE OF THE CITY FORESTER.
- INSTALLATION OF LANDSCAPE AND IRRIGATION SHALL CONFORM TO ALL APPLICABLE STATE AND LOCAL CODES AND SPECIFICATIONS.
- LANDSCAPE CONTRACTOR SHALL EXAMINE THE SITE CONDITIONS AND NOTIFY THE GENERAL CONTRACTOR IN WRITING OF UNSATISFACTORY CONDITIONS. DO NOT PROCEED UNTIL CONDITIONS HAVE BEEN CORRECTED.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL SUBMITTALS, CUT SHEETS, AND SOIL TEST RESULTS TO THE OWNER/LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO THE COMMENCEMENT OF WORK. SEE SPECIFICATION FOR DETAILED SUBMITTAL INFORMATION.
- CONTRACTOR SHALL PROVIDE TWELVE INCHES OF TOPSOIL AT ALL PLANTING BEDS. GRADE SHALL BE ADJUSTED FOR TOPSOIL AND ROCK MULCH THICKNESS.
- STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
- PLANTS SHALL EXCEED THE MINIMUM SIZE AT PLANTING REQUIREMENTS NOTED ON THE PLANS, REGARDLESS OF THE SIZE OF THE CONTAINER. NO EXCEPTIONS. PREPARE BIDS BASED ON THE PLANT SIZE, NOT THE CONTAINER SIZE. A LARGER CONTAINER SIZE PLANT MAY BE REQUIRED TO MEET THE PLANT SIZE MINIMUMS. NO COST ADJUSTMENTS WILL BE ALLOWED FOR USE OF LARGER CONTAINER PLANTS. MEASUREMENTS SHALL BE MADE WITH THE PLANT IN A NATURAL, UNSUPPORTED POSITION.
- ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS AND DISEASE.
- ALL PLANTS MUST BE CONTAINER GROWN OR BALLED AND BURLAPPED AS INDICATED ON THE PLANT LIST.
- ALL PLANT MATERIAL SHALL FULFILL SPECIFICATIONS AND MEET OR EXCEED SIZES SPECIFIED IN PLANT LIST.
- CONTRACTOR IS RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING PER SPECIFICATIONS TO MAINTAIN HEALTHY PLANT CONDITIONS.
- ALL PLANT MATERIAL IS SUBJECT TO THE APPROVAL OF THE OWNER/LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
- ALL BALLED AND BURLAPPED NURSERY TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION.
- ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
- ALL PLANT MATERIAL SHALL HAVE BACKFILL CAREFULLY PLACED AROUND BASE AND SIDES OF BALL TWO-THIRDS THE DEPTH OF BALL. THE BALL SHALL BE THOROUGHLY SOAKED WITH WATER TO ALLOW SETTLEMENT. ALL WOOD CRATING, WIRE, AND BURLAP FASTENERS SHALL BE REMOVED AT THIS TIME. ADDITIONALLY, REMOVE TOP TWO-THIRDS BURLAP AT THIS TIME. REMAINDER OF PIT SHALL THEN BE BACKFILLED, ALLOWING FOR DEPTH OF MULCH, SAUCER AND SETTLEMENT OF BACKFILL. BACKFILL SHALL THEN BE THOROUGHLY WATERED ONCE AGAIN.
- USE SPECIFIED ROCK MULCH IN ALL PLANTING BEDS. LANDSCAPE CONTRACTOR SHALL PROVIDE OWNER/LANDSCAPE ARCHITECT WITH A SAMPLE OF ROCK MULCH PRIOR TO THE COMMENCEMENT OF WORK.
- WEED BARRIER FABRIC IS REQUIRED IN ALL PLANTING BEDS EXCEPT IN RIGHT OF WAY TREE AND SHRUB BED PLANTING AREAS.
- PLACE FOUR INCHES OF SPECIFIED MULCH IN ALL SHRUB BEDS, GROUND COVER BEDS, ANNUAL BEDS, AND TREE RINGS.
- AREAS RECEIVING MULCH ARE TO BE FREE OF WEEDS AND GRASS. TREAT BEDS WITH A PRE-EMERGENT HERBICIDE PRIOR TO PLANTING AND MULCH PLACEMENT. APPLY IN ACCORDANCE WITH STANDARD TRADE PRACTICE. DO NOT APPLY PRE-EMERGENT HERBICIDE IN PERENNIAL BEDS.
- THE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL OF THE PLANT MATERIAL (INCLUDING BUT NOT LIMITED TO WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) FOR TWO YEARS.
- ANY PLANT MATERIAL THAT DIES PRIOR TO THE ACCEPTANCE OF WORK SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH PLANT MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE TO FULFILL ALL PLANT LIST SPECIFICATIONS.
- THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF TWO YEARS BEGINNING ON THE DATE OF TOTAL ACCEPTANCE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE THE END OF THE GUARANTEE PERIOD.
- AT THE COMPLETION OF THE GUARANTEE PERIOD, THE CONTRACTOR SHALL REMOVE ALL STAKES AND GUYS FROM TREES.
- AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM DESIGNED TO SUPPLY WATER TO ALL TURF, SHRUBS, GRASSES, PERENNIALS AND TREES LOCATED WITHIN THE PROJECT AREA SHALL BE SUPPLIED AND INSTALLED THROUGH DESIGN BUILD. THE SYSTEM SHALL MAKE USE OF DRIP, TRICKLE, SUBTERRANEAN AND OTHER WATER CONSERVING IRRIGATIONS METHODS.
- ALL EXISTING TREES AND SHRUBS THAT ARE TO REMAIN SHALL BE PROTECTED BY TEMPORARY FENCING PLACED AT THE DRIP LINE AND BE PROPERLY MAINTAINED DURING CONSTRUCTION. NO EQUIPMENT MAY BE DRIVEN OR PARKED WITHIN THE DRIP LINE OF ANY TREE, UNLESS THE TREE OVERHANGS A PAVED PARKING AREA OR TRAFFIC LANE.
- LANDSCAPE AREAS NOT SHOWN WITH NEW LANDSCAPE WHICH ARE DISTURBED SHALL BE RETURNED TO THEIR ORIGINAL CONDITION.
- ALL ARCHITECTURAL, STRUCTURAL, ELECTRICAL, SOILS, IRRIGATION, UTILITY AND GRADING SYSTEMS ARE NOT A PART OF THIS LANDSCAPE SET. REFER TO OTHER DRAWINGS FOR THESE ITEMS.



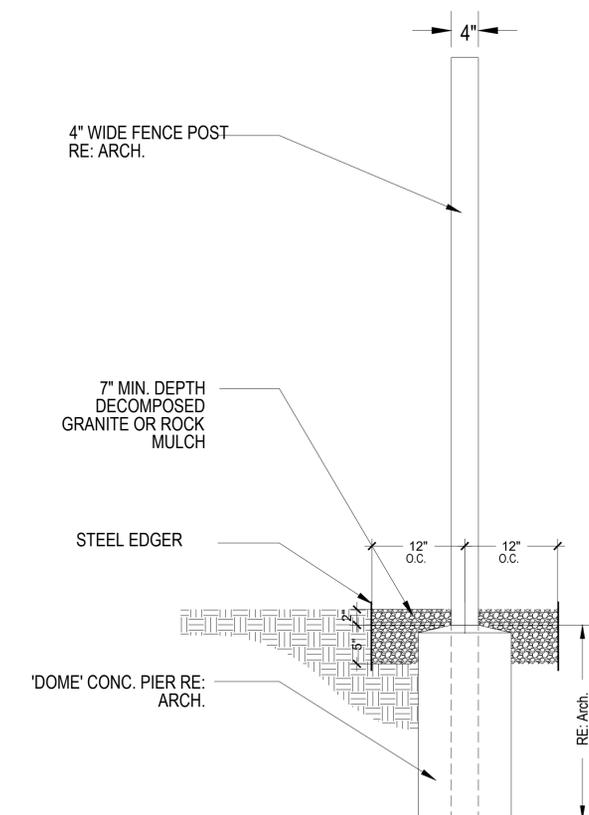
## 1 EDGE TREATMENT

NOT TO SCALE



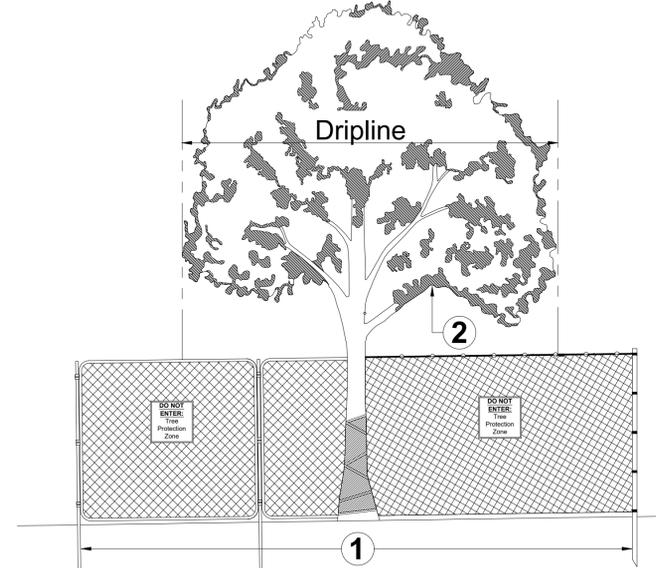
## 2 DECOMPOSED GRANITE MOW STRIP

NOT TO SCALE



## 3 MOW STRIP - FENCE POST

NOT TO SCALE



**Area 1: Tree Protection Zone and Critical Root Zone Protection**  
The Tree Protection Zone (TPZ) shall be equal to dripline or 1.5 feet radially from the tree for every one inch of trunk diameter at breast height (DBH = 4.5' above soil line), whichever is greater.

- A. Min 6' in height steel chain link fence is required unless otherwise approved by the Landscape Architect. Steel chain link fence panels or rolls are acceptable.
- When chain link rolls are installed, it shall be fastened to heavy duty steel posts with safety caps at minimum five (5) attachment points with 12-gauge wire, including points at top and bottom. Weave wire through top of roll to eliminate sag.
  - Posts shall be driven 2' to 3' below grade and spaced at max. five to ten foot (5' - 10') o.c. intervals. Fencing must be kept taut at all times.
  - "Tree Protection Zone" signs shall be placed one (1) per each tree protection zone minimum or more per direction of Landscape Architect; maintain in the location and condition in which approved.
  - TPZ, including signage, shall be maintained in the location and condition in which approved.

The Critical Root Zone (CRZ) shall be equal to one foot radially from the tree for every one inch of trunk diameter at breast height.

**Area 2: Canopy Protection**

Contact Landscape Architect if potential for damage exists and/or if pruning is needed for any clearance issues prior to performing work.

**Notes**

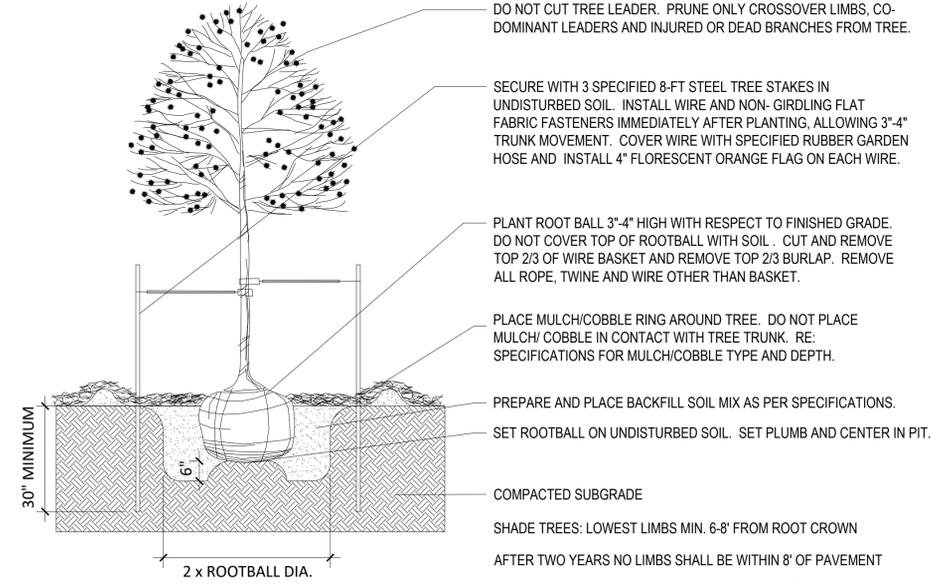
- Tree Retention and Protection Specifications shall be followed throughout duration of work.
- After TPZ is approved:
  - TPZ shall not be resized, modified, removed, or altered in any manner without prior written approval. TPZ shall be maintained in place as approved until removal is authorized by Landscape Architect.
  - Entrance/access to the TPZ is not permitted without prior written approval from the Landscape Architect.
  - No materials, debris, equipment, or site amenities shall be stored within the TPZ without prior written approval from the Landscape Architect.
- While TPZ fencing is in place, trees shall be deep-root watered at an interval of once every two weeks when temperatures are at or above 40 degrees F. Trees shall be watered at the rate of twenty-five (25) gallons per inch DBH. Landscape Architect may ask for proof of watering.

## 4 TREE PROTECTION DETAIL

NOT TO SCALE

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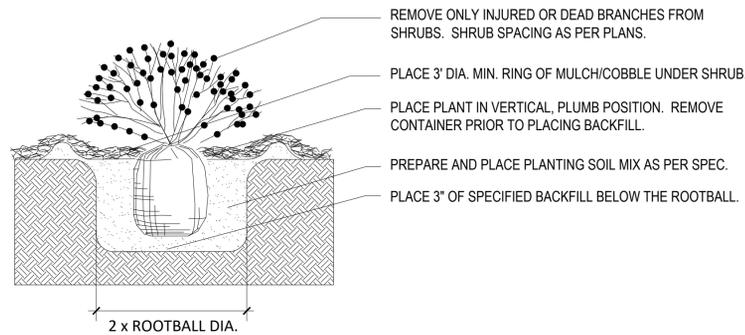
## 1 DECIDUOUS TREE

## AUC-1 REPLACEMENT PLANT LIST

QNTY. TO BE REMOVED	QNTY. TO BE REPLACED	SYM.	COMMON/BOTANICAL NAME	INSTALLED SIZE	COND.
<input type="checkbox"/> TREES					
3	3	GL	GREENSPIRE LINDEN <i>Tilia cordata</i> 'Greenspire'	4" CAL. SINGLE TRUNK	B & B
2	2	BP	BRADFORD PEAR <i>Pyrus Calleryana</i> 'Bradford'	4" CAL. SINGLE TRUNK	B & B
<input type="checkbox"/> SHRUBS					
10	10	HJ	HUGHES JUNIPER <i>Juniperus Sabina</i> 'Hughes'	5 GAL.	CONT.
10	10	AJ	ARMSTRONG JUNIPER <i>Juniperus Chinensis</i> 'Armstrong'	5 GAL.	CONT.
4	4	JP	JACKMANS POTENTILLA <i>Potentilla Fruticosa</i> 'Jackmanni'	5 GAL.	CONT.
1	1	GFS	GOLD FLAME SPIREA <i>Spiraea Japonica</i> 'Gold Flame'	5 GAL.	CONT.
3	3	CB	COLUMNAR BUCKTHORN <i>Rhamnus Frangula</i> 'Columnaris'	5 GAL.	CONT.
2	2	TLS	THREE LEAF SUMAC <i>Rhus Triloba</i>	5 GAL.	CONT.

## PLANT REPLACEMENT NOTES

- CONTRACTOR SHALL COMPLY WITH TREE PROTECTION DETAIL ON SHEET L3.0 DURING CONSTRUCTION AND INSTALLATION.
- ALL EXISTING TREES AND SHRUBS SHALL BE REPLACED PER THE TREE REPLACEMENT PLANT LIST AND AS INDICATED ON THE PLANS.
- DURING LANDSCAPE AND FENCE / GATE INSTALLATION, FIELD ADJUSTMENTS TO THE PLANT MATERIAL INSTALLATION MAY BE NECESSARY. THERE MAY BE EXISTING TREES AND SHRUBS THAT WILL NEED TO BE REPLACED THAT ARE NOT INDICATED ON THESE LANDSCAPE PLANS. ALL SHRUBS AND TREES THAT WILL NEED TO BE REPLACED DUE TO FIELD ADJUSTMENTS, CONTRACTOR SHALL NOTIFY THE OWNER AND LANDSCAPE ARCHITECT. LANDSCAPE ARCHITECT SHALL PROVIDE QUANTITY AND REPLACEMENT SPECIES FOR THESE FIELD ADJUSTMENTS.



## 2 SHRUB PLANTING

NOT TO SCALE

### DAVID P GOODE ARCHITECTURE

558 Castle Pines Parkway  
Suite B4-174  
Castle Rock, Colorado 80108  
Ph: 303-246-4943

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