

LANDSCAPE LEGEND

TYPE 2 INORGANIC MULCH WITH METAL LANDSCAPE BORDER AND

SOIL CONDITIONER

TYPE 3 INORGANIC MULCH , NO SOIL CONDITIONER

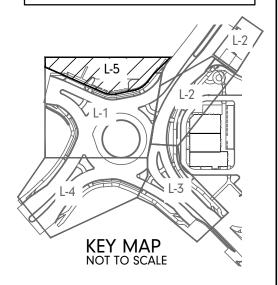
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NOTES:

1. SEE SHEETS L-2, L-3 & L-6 FOR DETAILS

2. SEE SHEET L-7 FOR PLANTING NOTES, PLANT LIST, QUANTITIES AND NOTES

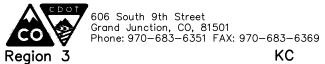
CITY OF GRAND JUNCTION CODE AND COLORADO STATE LAW REQUIRE THAT ALL CHANGES TO THESE DRAWINGS MUST BE APPROVED BY THE LICENSED LANDSCAPE ARCHITECT, IN WRITING, PRIOR TO RELEASE OF THE DEVELOPMENT IMPROVEMENT AGREEMENT (DIA). ALL LANDSCAPE MATERIAL SUBSTITUTIONS
AND/OR RELOCATIONS, BY THE CONTRACTOR OR
OWNER MUST BE APPROVED BY THE LANDSCAPE
ARCHITECT PRIOR TO INSTALLATION. FAILURE TO
DO SO IS CONSIDERED A CRIMINAL OFFENSE PER CRS 12-45.



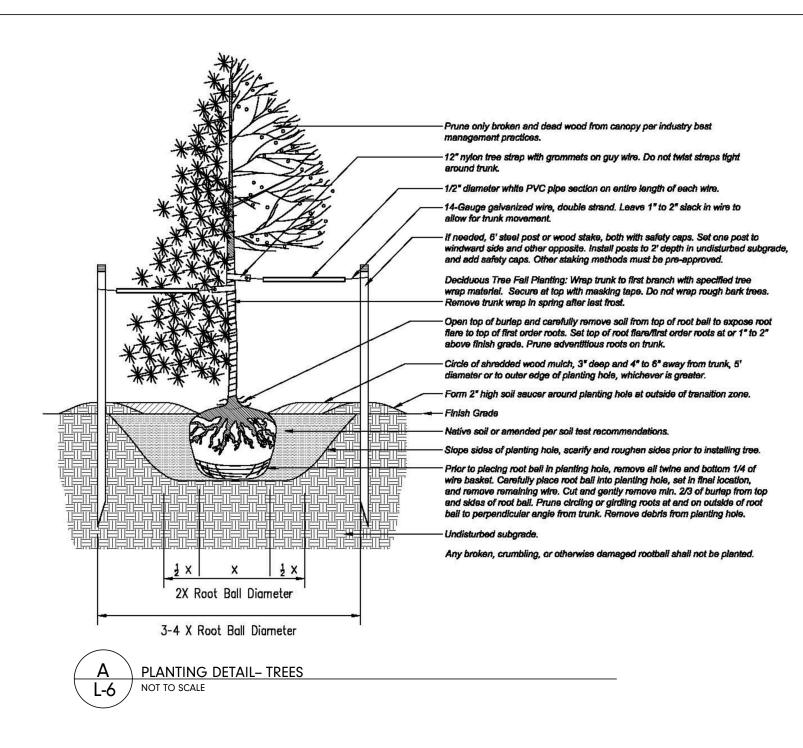
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| Raart PLANNING & LANDSCAPE ARCHITECTURE | | |

| Print Date: @ Left | | Sheet Revisions | | | |
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| File Name: | | Date: | Comments | Init. | |
| Horiz. Scale: AS SHOWN Vert. Scale: NA | 0 | | | | |
| Unit Information: City of GJ Unit Leader Initials: LF | | | | | |
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Colorado Department of Transportation



| | As Constructed | HORIZON DR AND G | ROAD | ROUNDA | BOUT | Project No./Code |
|---|--|------------------|-----------|--------|--------------|------------------|
| | No Revisions: | PLANTING -5 | | | | SHE M555-034 |
| 9 | Revised: | Designer: MH/MR | Structure | | | 23652 |
| | | Detailer: MH/MR | Numbers | | | |
| | Void: Sheet Subset: Landscape Subset Sheets: | | eets: | 5 of 7 | Sheet Number | |
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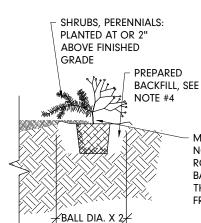


Trees planted upon park land, public property, or within the Public Right of Way (PRW) are subject to the following restrictions:

- · Prior to digging, the Utility Notification Center of Colorado shall be contacted at 811 to locate underground utilities.
- · A planting permit from the Grand Junction City Forester (GJCF) is required regardless of approved plans to ensure the City is available to inspect the planting of public trees.
- Tree planting shall not occur when daytime temperatures reach or exceed 90-degrees Fahrenheit, unless approved by
- Only tree species approved by the GJCF shall be planted.
- . Trees shall not be planted in tree lawns less than six feet wide unless authorized by the GJCF.
- Trees shall be centered in tree lawns and/or planting areas. Where sidewalks are not present, trees shall be located as designated by the GJCF.
- Unless authorized by the GJCF, trees shall be located:
 - Outside street intersection sight distance triangle, measured 30 (thirty) feet along the PRW in each direction from
 - Min. 10 (Ten) feet from alleys and driveways
 - Min. 20 (Twenty) feet from stop signs and curb ramps
 - Min. 25 (Twenty-five) feet from street lights
 - Min. 10 (Ten) feet from electric/gas/water lines, water meters/pits, and fire hydrants
 - Min. 15 (Fifteen) feet from small cell towers
- . If overhead utility wires exist, only trees with an expected mature size that meet current clearance regulations may
- Tree spacing shall be based on projected mature canopy size and above restrictions, or as approved by the GJCF.
- . All electric fixtures and utilities, including but not limited to outlets and lights, shall be located at outside perimeter of tree planting areas within hardscape. In tree lawns, fixtures shall be placed minimum 3 (three) feet radially from base of trunk.

When planting is completed, contact forestry@gicity.org for final inspection.

1. ALL BEDS SHALL BE PITCHED TO DRAIN AT 3% MIN. 2. ALL BEDS TO RECEIVE WEED CONTROL FABRIC ON FINISHED GRADE UNDER MULCH UNLESS OTHERWISE NOTED. 3. BACKFILL MIX: 1/3 SOIL AMENDMENT 2/3 SOIL FROM PIT INCORPORATE BIOSOL PLANTERS MIX, OR A MIX OF 50 LBS BIOSOL, 10 LBS HUMATE, 1 LB ALL PURPOSE MYCORRHIZAE AT THE FOLLOWING RATES: 1/2 CUP PER 1 GAL PERENNIAL 1 CUP PER 5 GAL SHRUB 2 CUPS PER 2" CALIPER TREE MIX THOROUGHLY PRIOR TO BACKFILLING. CONTRACTOR TO PROVIDE AND INSTALL



MULCH DEPTH AND TYPE AS NOTED ON PLANS EXCEPT OVER ROOT BALL. MULCH OVER ROOT BALL TO BE NO MORE THAN 1" THICK. HOLD ALL MULCH AWAY FROM TRUNK STEMS BY 1"



PLANTING DETAIL-SHRUBS, PERENNIALS AND ORNAMENTAL GRASSES

NOT TO SCALE

PLANT FERTILIZER TABLETS HAVING AN NPK ANALYSIS OF 20-10-5. INSTALL PER

MANUFACTURER'S RECOMMENDATIONS.

| & LANDSCAPE ARCHITECTURE | |
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| Print Date: @ Left | |
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| Horiz. Scale: AS SHOWN | Vert. Scale: NA |
| Unit Information: City of GJ U | Jnit Leader Initials: LF |

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Colorado Department of Transportation

Region 3

| 7 | 606 South 9th Street Grand Junction, CO, 81501 Phone: 970—683—6351 FAX: 970—683—6369 | |
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| | KC | |

| | As Constructed | HORIZON DR AND G ROAD ROUNDABOU | | Project No./Code | | |
|---|----------------|--|----------------------|------------------|--|--|
| | No Revisions: | PLANT | ING-6 | SHE M555-034 | | |
| 9 | Revised: | Designer: MH/MR | Structure Numbers | 23652 | | |
| | Void: | Detailer: MH/MR Sheet Subset: Landscape | | Sheet Number | | |

PLANT LIST Scientific Name Mature Height WKH Crataegus viridis 'Winter King' 1-1/2" 15-20' Winter Kina Hawthorn Pinus leucodermis 'Ermerald Arrow' 15-25' EBP Emerald Arrow Bosnian Pine APP Apache Plume allugia paradoxa 5 gal 3-6' DBR Dwarf Blue Rabbit Brush Chrysothamnus nauseosus 5 gal 2-5' FNB Fern Bush Chamaebatiaria millefolium 5 gal 4-7' 1.5-2.5' GLS Gro-low Sumac 5 gal Rhus aromatica 'Gro-Low' LED 2-3' Leadplant 5 gal Amorpha canescens PBC Pawnee Buttes Sand Cherry Prunus besseyi 'Pawnee Buttes 5 gal 1-2' 1-2' Atriplex confertifolio Evergreen Shrubs BYC Banana Yucca ucca baccata 2-4' 5 gal 2-4' Red Yucca Hesperaloe parviflora als/Ground Covers/Ornamental Grasses BBG Blond Ambition Blue Grama Grass Souteloua gracilis 'Blond Ambition 2-3' BLB Blaze Little Bluestem Grass chizachyrium scoparium 'Blaze' 1 gal 3-4' 10 FCP Firecracker Penstemon enstemon eatonii 1 gal 2-3' LVM 1-2.5' Munstead Lavender avendula 'Munstead' 1 gal MYW 1-2.5' Moonshine Yarrow Achillea millefolium 'Moonshine' 1 gal PCS Powis Castle Sage 1-2' Artemisia 'Powis Castle' 1 gal RHP (niphofia uvaria 'Pfitzer's Hybrid' 1 gal 1-4' RMP Rocky Mountain Penstemon enstemon strictus 1 gal 0.5-2' SSG Shenandoah Switch Grass Panicum v 'Shenandoah 1 gal 3-5' 22 SUN Sunset Hyssop agastache rupestris 1 gal 1.5-3' Walker's Low Catmint Nepeta x Walker's Low

1. PLANT GROWTH CHARACTERISTICS VARY DUE TO ENVIRONMENTAL CONDITIONS, THEREFORE A RANGE OF AVERAGE MATURE HEIGHTS ARE INDICATED

SCHEDULE OF METAL LANDSCAPE PLANTS

| ITEM | UNIT | QUANTITY |
|--|------|----------|
| Metal Plant Type 1- Fishhook Cactus, Large | EACH | 1 |
| Metal Plant Type 2 - Octopus Agave, XL | EACH | 1 |
| Metal Plant Type 3 - Ocotillo, Large | EACH | 1 |
| Metal Plant Type 4 - Sharkskin Agave, XL | EACH | 9 |



TABULATION OF LANDSCAPE QUANTITIES

| ITEM # | BID ITEM | UNIT | QUANTITY |
|------------|--|------|----------|
| 207-00205 | Topsoil | CY | 376 |
| 207-00210 | Stockpile Topsoil | CY | 376 |
| 212-00032 | Soil Conditioning (To be Tilled) | AC | 0.19 |
| 213-00065a | Type 1 Inorganic Mulch Rock - 1-1/2 Inch Tan Granite | SF | 8,391 |
| 213-00065b | Type 2 Inorganic Mulch Rock - 3 Inch La Sal Purple | SF | 1,770 |
| 213-00065c | Type 3 Inorganic Mulch Rock - 1-2 Inch River Rock | SF | 951 |
| 213-00440 | Metal Landscape Border (1/8" X 4") | LF | 946 |
| 213-00700 | Landscape Boulder (Small 3'x2'x2') | EACH | 91 |
| 213-00705 | Landscape Boulder- Special (Large, 3'x4'x2') | EACH | 1 |
| 214-00000 | Landscape Maintenance | LS | 1 |
| 214-00215 | Deciduous Tree (1-1/2 Inch Caliper) | EACH | 1 |
| 214-00960 | Metal Plants, Type 1 | EACH | 1 |
| 214-00961 | Metal Plants, Type 2 | EACH | 1 |
| 214-00962 | Metal Plants, Type 3 | EACH | 1 |
| 214-00963 | Metal Plants, Type 4 | EACH | 9 |
| 214-00350 | Deciduous Shrub (5 Gallon Container) | EACH | 27 |
| 214-00506 | Evgn Tree (6 Foot, Ball & Burlap) | EACH | 2 |
| 214-00650 | Evergreen Shrub (5 Gallon Container) | EACH | 10 |
| 214-00910 | Perennials (1 Gallon Container) | EACH | 176 |

^{*} Additional Soil Conditioning will be required for Planting Pits.

PLANTING NOTES

- CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- ALL LANDSCAPING AND IRRIGATION TO CONFORM TO CURRENT COLORADO DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
- EQUAL PART MIXTURE OF ROUND-UP AND 2-4-D DILUTED AS PER MANUFACTURER'S RECOMMENDATIONS SHALL BE APPLIED TO ALL ACTIVELY GROWING WEEDS TWO WEEKS PRIOR TO ANY PLANTING OPERATIONS.
- CONTRACTOR SHALL INSTALL LANDSCAPE BOULDERS AT THE LOCATIONS SHOWN ON THIS PLAN. BOULDERS LOCATED AT GRADE CHANGES ARE MEANT TO ACT AS MINOR RETAINING STRUCTURES, WITH THE DEGREE OF RETAINAGE AS INDICATED ON THE PLANS.
- ALL PLANTING AREAS THAT RECEIVE TOPSOIL ALSO RECEIVE SOIL CONDITIONING. ALL SHRUB BEDS TO RECEIVE 3 INCH DEPTH OF INORGANIC MULCH; NO WEED FABRIC.
- AREAS TO BE PLANTED (AS PER DRAWINGS) TO RECEIVE SOIL CONDITIONING. REMOVE UNSATISFACTORY MATERIAL (INCLUDING ROAD BASE, ASPHALT, CONCRETE AND TRASH) AND REMOVE FROM SITE. ALL LANDSCAPE AREAS THAT RECEIVE TOPSOIL TO ALSO RECEIVE 6 YDS/1000 S.F. SOIL CONDITIONING. SCARIFY ALL AREAS TO RECEIVE SOIL CONDITIONING TO A DEPTH OF 6".
- SOIL CONDITIONING IS TO CONSIST OF 50% GROUND WELL-AGED MANURE, 50% FINELY GROUND AND AGED WOOD CHIPS. CONDITIONING IS TO BE INCORPORATED WITH FERTILIZER BY TILLING AT THE RATE OF 6 CUBIC YARDS/1000 SF INTO ALL TOPSOIL AREAS.
- SOIL IS BE COMPACTED TO 85% MODIFIED PROCTOR (WHEEL ROLL) TO MINIMIZE SETTLING. BEDS ARE TO BE FILLED TO A DEPTH OF 6" ABOVE ADJACENT EDGE OF CURB, SHAPED TO FORM MOUNDED PLANTING AREA. SHRUB BEDS IN MEDIANS TO BE FINISHED WITH POSITIVE GRADE AT THE CENTER, WITH A MAXIMUM 3:1 SLOPE FROM 2" BELOW ADJACENT CONCRETE (ALLOWING MULCH AGAINST) TO FINISH GRADE.
- 9. NO WEED FABRIC IS TO BE USED ON THIS PROJECT.
- 10. SHRUBS, PERENNIALS AND TREES ARE TO BE SPACED AS SCALED FROM THE PLANTING PLAN.
- 11. ALL INORGANIC ROCK MULCH MATERIAL SHALL BE FREE OF TRASH, STICKS, ROOTS OR OTHER DEBRIS.
- 12. CONTRACTOR IS TO GUARANTEE ALL PLANT MATERIALS FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE OF WORK.

Project No./Code

SHE M555-034

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Sheet Number

| Print Date: @ Left | | | Sheet Revisions | | Colorado Department of Transportation | As Constructed | HORIZON DR AND G RO | DAD ROUNDAROUT |
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| File Name: | | Date: | Comments | Init. | Colorado Department of Transportation | Na Davisiana | PLANTING | |
| Horiz. Scale: AS SHOWN Vert. Scale: NA | | | | | 606 South 9th Street | No Revisions: | | |
| Unit Information: City of GJ Unit Leader Initials: LF | | | | | Grand Junction, CO, 81501 Phone: 970–683–6351 FAX: 970–683–6369 | Revised: | Designer: MH/MR Stru | ucture |
| | | | | | | | Detailer: MH/MR Num | mbers |
| | 0 | | | | Region 3 KC | Void: | Sheet Subset: Landscape Sub | bset Sheets: 7 of 7 |