1. The contractor shall have made a thorough site visit at all areas (at least one) to the following documents:
   a. Plans and specifications containing the details of the project.
   b. City of Durango Development standards, public improvements and construction standards.
   c. City of Durango Development standards, public improvements and construction standards.
   d. City of Durango Development standards, public improvements and construction standards.
   e. Cost standards specified for the project and project details.
2. All construction shall be extracted from the city of Durango Development standards, public improvements and construction standards unless specifically addressed in these plans and specifications or otherwise.
3. The contractor shall be responsible for the acceptance and control of all materials furnished for the work.
4. The contractor shall be responsible for the acceptance and control of all labor.
5. The contractor shall be responsible for the acceptance and control of all work.(THE) material shall (ALSO) be proof rolled with a pneumatic-tired vehicle loaded to at least 18
6. Prior to placing (sub-base, base or pavement, the final graded and compacted surface of the underlying material paving) paving, the pavement sub-grade shall be proof rolled. A tack coat of
7. Prior to placing (sub-base, base or pavement, the final graded and compacted surface of the underlying material paving) paving, the pavement sub-grade shall be proof rolled. A tack coat of
8. Prior to placing (sub-base, base or pavement, the final graded and compacted surface of the underlying material paving) paving, the pavement sub-grade shall be proof rolled. A tack coat of
9. Wherever possible, to reduce the risk of the heavy load having an impact on the concrete, the cutters shall be made to move mound with a slow speed in an area of the concrete.
10. All concrete shall be CDOT Class D unless otherwise noted.
11. All concrete shall be CDOT Class D unless otherwise noted.
12. All concrete shall be CDOT Class D unless otherwise noted.
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29. All concrete shall be CDOT Class D unless otherwise noted.
30. All concrete shall be CDOT Class D unless otherwise noted.
31. Geotechnical testing shall be the responsibility of the contractor and shall be completed by a professional geotechnical engineer.
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The City of Durango Department of Transportation 250 W 8th St Durango, CO 81301 Phone: 970-373-4995 Project No/Code 2020120 32nd Street Traffic Calming General Notes
E 32ND STREET TYPICAL TURN LANE SECTION
NOT TO SCALE

E 32ND STREET TYPICAL CENTER MEDIAN SECTION
NOT TO SCALE

E 7TH AVE TO SUNSHINE CT TYPICAL SECTION
NOT TO SCALE

E 32ND STREET TYPICAL ROUNDABOUT CENTER ISLAND
NOT TO SCALE

NOTES:

1. MINIMUM PAVEMENT SECTIONS ARE BASED ON RECOMMENDATIONS PROVIDED IN THE DRAFT GEOTECHNICAL EVALUATION PERFORMED BY TRAUTNER GEOTECH, LLC.
2. ALL PROPOSED SIDEWALK GRADINGS SHALL MEET CURRENT ADA REQUIREMENTS.
3. ANY TRANSCITION, SIDEWALK, LANDING, AND CURB GRADE GRADING AND EXISTING MEDIAN GRADES SHALL BE DESIGNED TO COMPLY WITH THE CONTRACTED FEES TO MIN.
4. ADJUSTMENTS TO THE ADDITIONAL COST TO THE PROJECT.
5. TACK AND PRIME COAT SHALL BE AT THE DISCRETION OF THE PROJECT ENGINEER. TACK AND PRIME COAT SHALL BE INCLUDED IN THE COST OF WORK, AND SHALL NOT BE PAID FOR SEPARATELY.
6. THE APPLICATION OF TACK AND PRIME COAT SHALL BE AT THE DISCRETION OF THE PROJECT ENGINEER. TACK AND PRIME COAT SHALL BE INCLUDED IN THE COST OF WORK, AND SHALL NOT BE PAID FOR SEPARATELY.
7. CONCRETE PAVEMENT DETAIL SHALL APPLY TO ALL CONCRETE FLATWORK INCLUDING BUT NOT LIMITED TO SIDEWALK, CURB RAMP, AND MEDIAN COVER MATERIAL.
8. MOUNTABLE CENTER ISLAND & SPLITTER ISLAND TO BE MEASURED & PAID FOR AS CONCRETE PAVEMENT (6IN)(SPECIAL)

PAVEMENT NOTES:

1. The application of tack and prime coat shall be at the discretion of the project engineer. Tack and prime coat shall be included in the cost of work, and shall not be paid for separately.
2. Sawcutting shall be incidental to work and will not be measured or paid for separately.
3. Removal of existing asphalt material for patching shall be measured and paid for as hot mix asphalt (Samson or 75).
4. All labor and materials not explicitly listed as unique pay items shall be incidental to the work, unless otherwise approved by the City of Durango.
5. The concrete pavement detail shall apply to all concrete flatwork including but not limited to sidewalk, curb ramp, and median cover material.
1. THE CONTRACTOR SHALL FURNISH A LETTER OF CERTIFICATION FROM THE SEED SUPPLIER VERIFYING THE SEED MIX AND TEST RESULTS PRIOR TO SEEDING FOR APPROVAL OF THE SEED MIX BY THE OWNER’S REPRESENTATIVE.

2. CONTRACTOR MAY USE STRAW MULCH, HYDROMULCH, AND/OR TACKIFIER FOR STABILIZATION OF SOIL, AND PROTECTION OF UPLAND SEED UNTIL ESTABLISHMENT. FOR SLOPES >1:1, CONTRACTOR MAY USE EROSION CONTROL FABRIC. CONFIRM WITH OWNERS REPRESENTATIVE PRIOR TO INSTALLATION.

3. MEDIANS AND LANDSCAPE STRIPS TO HAVE 12" DEPTH TOPSOIL INSTALLED. NATIVE SEED AREAS TO HAVE 4" DEPTH TOPSOIL INSTALLED. THE PLANTING AREAS WILL THEN BE TILLED TO A MINIMUM 8" DEPTH.

4. MULCH FOR HYDROMULCHING SHALL BE WEYERHAEUSER “SILVA FIBER” PRO-HYDROMULCHING FIBERS. THE FIBERS SHALL HAVE A FINISH WITH A 10-20% DRY WEIGHT CONTENT. WHEN SPRAYED UNIFORMLY ON THE SURFACE OF THE SOIL, THE FIBERS SHALL FORM A BLISTER-LIKE GROUNDCOVER WHICH BARES ABSORB WATER, AND ALLOWS INFILTRATION TO THE UNDERLYING SOIL. WEIGHT SPECIFICATIONS FROM SUPPLIERS, AND FOR ALL APPLICATIONS, SHALL BE 70% OR 100% DRY WEIGHT OR THE FIBER A/-1 "FREE DRIP" WATERING SYSTEM MUST BE USED. THE FIBERS FROM A PLANTING MULCH PACKAGES MARKED BY THE MANUFACTURER TO SHOW THE AIR DRY WEIGHT CONTENT. SUPPLIERS SHALL CERTIFY THAT THEIR PRODUCTS MEET ALL OF THE FOREGOING REQUIREMENTS REGARDING TO WOOD CELLULOSE FIBER MULCH.

5. TREES TO BE PLANTED A MINIMUM OF 10' FROM ALL UTILITIES." COORDINATE TREE LOCATION WITH CITY REPRESENTATIVE IF TREE IS PLACED WITHIN 10' FROM ANY UTILITIES.

6. LOCATIONS OF TREES/SHRUBS TO BE STAKED AND REVIEWED CITY REPRESENTATIVE PRIOR TO PLANTING.

7. IF THERE ARE CONFLICTS BETWEEN UTILITIES AND PLANTINGS THE CONTRACTOR SHALL CONTACT THE ACTUAL NUMBER OF PLANTS AS DEPICTED ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE ACTUAL NUMBER OF PLANTS AS DEPICTED ON THE PLANS.

8. ALL AREAS DISTURBED OUTSIDE THE ORIGINAL GRADING/SEEDING LIMITS, SHOWN ON DRAWINGS, TO BE REEDEDGED, REPAVED AND REPAVED AS APPROPRIATE AT CONTRACTOR’S EXPENSE.

9. ALL SHRUB BEDS TO BE CONTAINED BY A CONCRETE EDGE (A) OR A CONCRETE CURB OR CURB. AS PER PLANS, A MAXIMUM OF 4' DEPTH OF HYDROMULCH.


11. TREES TO BE PLANTED IN LANDSCAPE STRIPS, UNLESS OTHERWISE NOTED. ALL OTHER TREES TO BE A MINIMUM OF 6' FROM ANY UTILITIES OR HORIZ. SCALE.

12. MEDIANS AND LANDSCAPE STRIPS TO RECEIVE 250'L OF ROOT BARRIER ON ALL HORIZONTAL SIDES OF EACH TREE.

13. PRINCIPAL UTILITIES TO BE LOCATED PRIOR TO COMMENCING WORK. CONTRACTOR SHALL VERIFY LOCATIONS AND BURRY DEPTHS OF ALL UTILITIES ON SITE. EXISTING UTILITIES SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR, DAMAGED UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR’S EXPENSE.


15. MEDIANS AND LANDSCAPE STRIPS TO RECEIVE 250'L OF ROOT BARRIER ON ALL HORIZONTAL SIDES OF EACH TREE.
NOTES:

1. GUY AND STAKE ALL DECIDUOUS TREES 2" CALIPER AND LARGER.
2. REMOVE STAKES, GUY WIRES, AND STRAPS AFTER ONE GROWING SEASON OR AS DIRECTED BY CITY ARBORIST.
3. THOROUGHLY SCOUR PLANTING HOLE WHILE BACKFILLING.
4. PRUNE DEAD OR DAMAGED BRANCHES IMMEDIATELY AFTER PLANTING.
5. PROVIDE "3" DEEP MULCH IN PLANTING BOLDS. PULL MULCH 3" BACK FROM SHRUB BASE - SEE SPECS.

EXISTING SUBSOIL

SCORING BOTTOM OF HOLE

SCORE FOOTBALL & TEASE ROOTS OUTWARD TO ENCOURAGE PENETRATION INTO BACKFILL

PREPARED BACKFILL & COMPOST & EXCAVATED SOIL

PLACE CROWN OF FOOTBALL 2" ABOVE FINISH GRADE

PREPARED BASED & COMPOST & EXCAVATED SOIL

4" HIGH SAUCER TO HOLD MULCH & COMPLETE FINISH GRADE

3. INSTALL (2) TWO TABLETS PER SHRUB.

5. PRUNE DEAD OR DAMAGED BRANCHES IMMEDIATELY AFTER PLANTING.

1. DO ONE OF THE FOLLOWING:
1.A. REMOVE PLANT FROM POT AND PROTECT ROOTBALL FROM DAMAGE DURING PLANTING.
1.B. OR, REMOVE ALL WIRE, TWINE, AND PLASTIC FROM FOOTBALL. AFTER PLANT IS SET, PULL BACK AND REMOVE BURLAP FROM TOP 1/2 OF FOOTBALL. SLIT REMAINING BURLAP.
2. SHRUBS WITH CRUMMBLED OR BROKEN ROOTTAILS WILL BE REJECTED.
3. INSTALL (2) TWO TABLETS PER SHRUB.
4. THOROUGHLY SCOUR PLANTING HOLE WHILE BACKFILLING.
5. PRUNE DEAD OR DAMAGED BRANCHES IMMEDIATELY AFTER PLANTING.

UPLAND SEED MIX

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Botanical Name</th>
<th>Pounds (PS)/Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Hymock&quot; Indian Rongrass</td>
<td>Agrostis stolonifera &quot;Hymock&quot;</td>
<td>3</td>
</tr>
<tr>
<td>&quot;Hymor&quot; Crested Wheatgrass</td>
<td>Agropyron desertorum &quot;Hymor&quot;</td>
<td>4</td>
</tr>
<tr>
<td>Sideoats Gama</td>
<td>Bouteloua curtipendula</td>
<td>2.5</td>
</tr>
<tr>
<td>&quot;Lovington&quot; Blue Gama</td>
<td>Bouteloua gracilis &quot;Lovington&quot;</td>
<td></td>
</tr>
<tr>
<td>&quot;Garnett&quot; Mountain Brome</td>
<td>Bromus marginatus &quot;Garnett&quot;</td>
<td>3</td>
</tr>
<tr>
<td>Yellow Rye</td>
<td>Cereum luteum VNS</td>
<td>2.1</td>
</tr>
<tr>
<td>Rocky Mountain Brome</td>
<td>Cereum sverdula VNS</td>
<td>3.7</td>
</tr>
<tr>
<td>Tall Blue Grass</td>
<td>Chrysanthemum nauseosum albicaulis</td>
<td>0.7</td>
</tr>
<tr>
<td>California poppy</td>
<td>Eschscholzia californica VNS</td>
<td>0.8</td>
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<tr>
<td>Sulphur Flower buckwheat</td>
<td>Eringomum umbellatum VNS</td>
<td>0.5</td>
</tr>
<tr>
<td>Indian blanketflower</td>
<td>Gaillardia pulchella VNS</td>
<td>0.5</td>
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<tr>
<td>Desert Verbena</td>
<td>Glandulosa greggii VNS</td>
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<tr>
<td>Bigelow's tobygrass</td>
<td>Machaeranthus bigelovi var. bigelovi VNS</td>
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<tr>
<td>Blue Flax</td>
<td>Linum lewisi</td>
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<tr>
<td>Chokecherry Lupine</td>
<td>Lupinus prunifolius</td>
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<tr>
<td>&quot;Arriba&quot; Western Wheatgrass</td>
<td>Paschymum smithii &quot;Arriba&quot;</td>
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<tr>
<td>Firecracker Penstemon</td>
<td>Penstemon exotiri</td>
<td>0.2</td>
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<tr>
<td>Palmer Penstemon</td>
<td>Penstemon palmitii</td>
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</tr>
<tr>
<td>Rocky Mountain Penstemon</td>
<td>Penstemon strictus VNS</td>
<td>0.7</td>
</tr>
</tbody>
</table>

TOTAL: 26.9 lbs/acre

DECIDUOUS TREE PLANTING DETAIL

NOTES:

1. SEE 1.L.A.1 FOR TREE WATERING SCHEDULE.

UPLAND SEED MIX

NOT TO SCALE

TREE WATERING NEEDS

APRIL THRU OCTOBER

SMALL TREES

WEEKLY MINUTES

10 GAL/INCH

MEDIUM TREES

3 X PER MONTH MINUTES

20" GALLON" INCH

LARGE TREES

2 X PER MONTH MINUTES

10" GALLON" INCH

TREE PLANTING DETAILED

NOT TO SCALE

UPLAND SEED MIX

NOT TO SCALE

TREE WATER SCHEDULE DETAIL

NOT TO SCALE

1. GUY THE TRUNK AS SPREAD OUTWARD TO ENCOURAGE PENETRATION INTO BACKFILL

2. PROVIDE "4" DEEP MULCH IN PLANTING BOLDS. PULL MULCH 3" BACK FROM SHRUB BASE - SEE SPECS.

3. INSTALL (2) TWO TABLETS PER SHRUB.

4. PRUNE DEAD OR DAMAGED BRANCHES IMMEDIATELY AFTER PLANTING.

5. INSTALL (2) TWO TABLETS PER SHRUB.

NOT TO SCALE
WILDLIFE FENCING 10:1 AND LESS SLOPE

1. FOR EVERGREEN
2. PROVIDE 3' EXTRA GROUNDCOVER/PERENNIAL PLANTING DETAIL FUTURE FENCING FOR FENCING AT DRIP LINE OF TREE. CAPABILITY. SECURE TREES, WRAP WILDLIFE PROTECTION FENCING WITH WIRE ADJUSTMENT.

WILDLIFE FENCING 10:1 TO 3:1 SLOPE

1. FOR EVERGREEN TREES, WRAP ROOTBALL DIAMETER
2. WRAP FENCING AROUND TREE IN PLANTING BED TILL IN COMPOST 25% FINISH GRADE

WILDLIFE PROTECTION NOTES


ROOTBALL DIA.

THE CALIPER DIAMETER OF THE TREE AT 4’ TO BE CALCULATED BY PROVIDING 1.5’ OF TRENCHING REQUIRED WITHIN THE CRITICAL ROOT ZONE.


2. CONSTRUCTION ACTIVITIES ARE TO BE AVOIDED IN THE CRITICAL ROOT ZONE. CONSTRUCTION ACTIVITIES THAT ARE REQUIRED WITHIN THIS ZONE ARE TO BE DONE WITHIN A 3’ MINIMUM DIAMETER THAT IS TO BE CUT PRIOR TO APPROVAL OF THE CITY ARBORIST. ALL TRENCHING REQUIRED WITHIN THE CRITICAL ROOT ZONE IS TO BE DONE BY AIR SPADE. WITH HAND EQUIPMENT AND NO ROOT PENETRATION. NO CHEMICAL STORAGE, WASHING OF PAINT NO HEAVY EQUIPMENT IS TO BE STORED OR STAGED WITHIN THE CRITICAL ROOT ZONE.

DEEPROOT BARRIER UB 18-2 AS MANUFACTURED BY DEEP ROOT PARTNERS, L.P. 1-800-458-7668 UNDISTURBED SOIL

NOT TO SCALE

THE CRITICAL ROOT ZONE IS TO BE CALCULATED BY PROCEEDING 1.5 OF RADIIUS FOR EVERY 1” OF DBH. THE DBH IS THE CALIPER DIAMETER OF THE TREE AT 4 1/2 FROM THE GROUND.

THE CRITICAL ROOT ZONE IS TO BE CALCULATED BY PROCEEDING 1.5 OF RADIIUS FOR EVERY 1” OF DBH. THE DBH IS THE CALIPER DIAMETER OF THE TREE AT 4 1/2 FROM THE GROUND.

NOT TO SCALE

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