**Community & Economic** Development Department www.adcogov.org



4430 South Adams County Parkway 1st Floor, Suite W2000B Brighton, CO 80601-8218 PHONE 720.523.6800 FAX 720.523.6967

#### **Development Team Review Comments**

The following comments have been provided by reviewers of your land use application. At this time, a resubmittal of your application is required before this case is ready to be scheduled for public hearing.

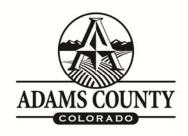
To prepare your resubmittal, you will be expected to provide:

- A response to each comment with a description of the revisions and the page of the response on the site plan;
- Any revised plans or renderings; and
- A list identifying any additional changes made to the original submission other than those required by staff.

Resubmittal documents must be provided electronically through e-mail or a flash drive delivered to the One-Stop Customer Service Center. The following items will be expected by our One-Stop **Customer Service Center:** 

- One digital copy of all new materials
  - o All digital materials shall be in a single PDF document
  - o The single PDF document shall be bookmarked
  - o If a Subdivision Improvements Agreement, Legal Description, or Development Agreement is required, then an additional Microsoft Word version of these documents shall also be provided
  - Electronic copies can be emailed to epermitcenter@adcogov.org as a PDF attachment. If the files are too large to attach, the email should include an unlocked Microsoft OneDrive link. Alternatively, the resubmittal can be delivered to the One-Stop counter on a flash drive.

Community & Economic Development Department www.adcogov.org



4430 South Adams County Parkway 1st Floor, Suite W2000 Brighton, CO 80601-8204 PHONE 720.523.6800 FAX 720.523.6998

# **Re-submittal Form**

Case Name/ Number:
Case Manager:
Re-submitted Items:
Development Plan/ Site Plan
Plat
Parking/ Landscape Plan
Engineering Documents
Subdivision Improvements Agreement (Microsoft Word version)
Other:
All re-submittals must have this cover sheet and a cover letter addressing review comments.
Please note the re-submittal review period is 21 days.
The cover letter must include the following information:
Restate each comment that requires a response
<ul> <li>Provide a response below the comment with a description of the revisions</li> <li>Identify any additional changes made to the original document</li> </ul>
Tuentity any additional changes made to the original document
For County Use Only:
Date Accepted:
Staff (accepting intake):
Resubmittal Active: Engineering; Planner; Right-of-Way; Addressing; Building Safety;
Neighborhood Services; Environmental; Parks; Attorney; Finance; Plan Coordination

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EMAIL: epermitcenter@adcogov.org

## **Development Review Team Comments**

**Date:** 6/7/2022

Project Number: RCU2021-00023

**Project Name:** GCSA Event Center

**Commenting Division:** Plan Coordination 4th Review

Name of Reviewer: David DeBoskey

**Date:** 06/07/2022

**Email:** 

**Resubmittal Required** 

**Commenting Division:** Planner Review 4th Review

Name of Reviewer: David DeBoskey

**Date:** 06/07/2022

**Email:** 

#### **Resubmittal Required**

PLN01: Please understand that the water permit you submitted for this property is for a residential well not commercial. The permit must be for a commercial well if you plan on having a commercial use. I realize that this should have been addressed earlier in the process, but this was recently brought to my attention. PERMIT IS UPDATED AND UPLOADED.

PLN02: The submitted well permit is expired as well. If you have not constructed the residential well yet, you are not allowed to because the permit is expired. And for this commercial use, you should not get a residential well permit. You must get a new commercial well permit instead. PERMIT IS UPDATED AND UPLOADED.

PLN03: The landscape plan still needs things to work on:

1. Throughout the entire southwest corner of the site, where there is space between the fence and the property line, there needs be the same ratio of trees per feet as the other project site edges.

Landscape plans updated as requested.

2. The eastern border of this abbreviated project site area shall have a fence like the other bufferyards. Since the adjacent use to this is agriculture (the rest of the site), the bufferyard must be the same as other site bufferyards.

Landscape plans updated as requested.

**Commenting Division:** Application Intake 4th Review

Name of Reviewer: Kevin Mills

**Date:** 05/23/2022

Email: Complete

WELL PERMIT NUMBER 86379-F
RECEIPT NUMBER 10013402

### ORIGINAL PERMIT APPLICANT(S)

GCSA LLC (ALDANA, LLARICE)

### APPROVED WELL LOCATION

Water Division: 1 Water District: 1

Designated Basin: N/A
Management District: N/A
County: ADAMS
Parcel Name: N/A

Physical Address: 6539 IMBODEN RD WATKINS, CO 80137 SW 1/4 SE 1/4 Section 6 Township 3.0 S Range 64.0 W Sixth P.M.

### UTM COORDINATES (Meters, Zone: 13, NAD83)

Easting: 534848.0 Northing: 4407251.0

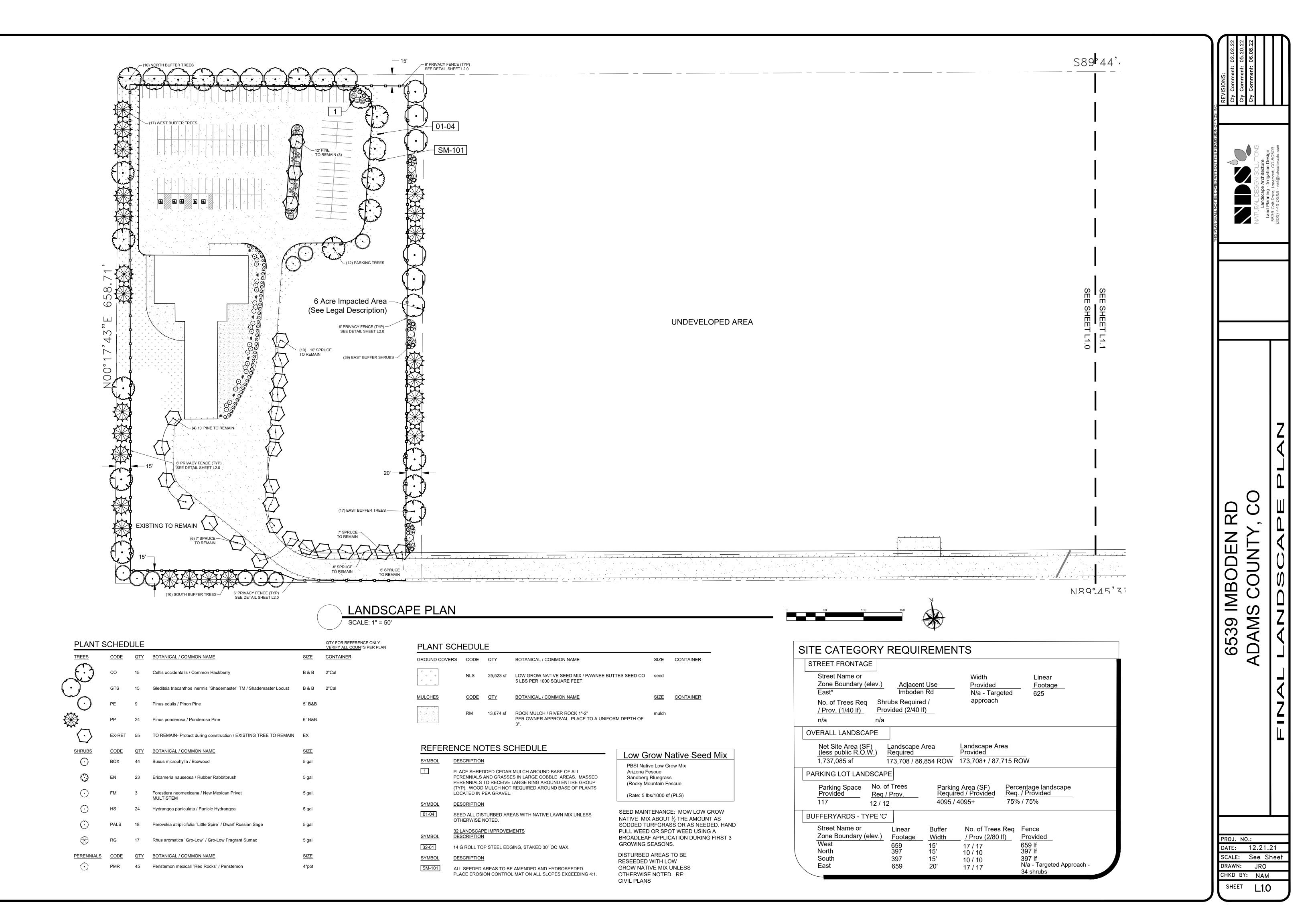
#### PERMIT TO CONSTRUCT A NEW WELL

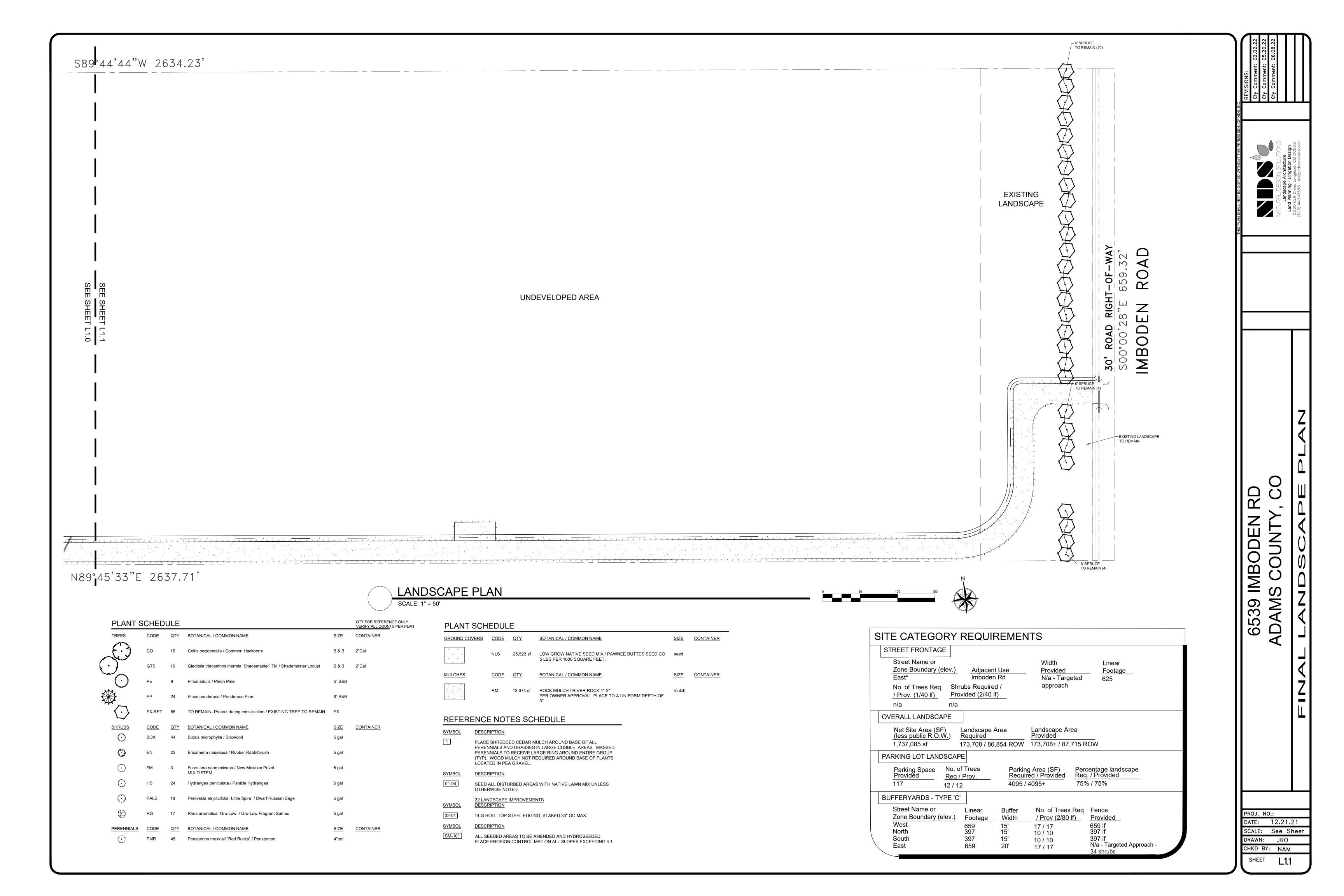
# ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT CONDITIONS OF APPROVAL

- 1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- Approved pursuant to CRS 37-90-137(4) and the findings of the State Engineer dated December 8, 2021.
- The use of groundwater from this well is limited to commercial, irrigation of not more than 1 acre and use in 2 single family dwellings.
- Production from this well is restricted to the Upper Arapahoe aquifer, which corresponds to the interval between 695 feet and 870 feet below the ground surface.
- The pumping rate of this well shall not exceed 50 GPM.
- 7) The average annual amount of groundwater to be withdrawn shall not exceed 8.5 acre-feet and the total volume of groundwater to be withdrawn shall not exceed 850 acre-feet.
- 8) The entire length of the hole shall be geophysically logged as required by Rule 9 of the Statewide Nontributary Ground Water Rules prior to installing casing.
- 9) The owner shall mark the well in a conspicuous location with well permit number(s), name of the aquifer, and court case number(s) as appropriate. The owner shall take necessary means and precautions to preserve these markings.
- 10) A totalizing flow meter must be installed on this well and maintained in good working order. Permanent records of all diversions must be maintained by the well owner (recorded at least annually) and submitted to the Division Engineer upon request.
- 11) This well shall be constructed more than 600 feet from any existing well, completed in the same aquifer, that is not owned by the applicant.
- This well shall be constructed not more than 200 feet from the location specified on this permit.
- 13) Pursuant to CRS 37-90-137(9)(b) and the Denver Basin Rules, no more than 98% of the nontributary groundwater withdrawn annually shall be consumed and the well owner shall demonstrate to the reasonable satisfaction of the State Engineer that no more than 98% of the water withdrawn will be consumed.
- 14) This well is subject to administration by the Division Engineer in accordance with applicable decrees, statutes, rules, and regulations.

NOTE: This well is withdrawing water from a non-renewable aquifer. While the withdrawals from this aquifer are administered based on a 100 year aquifer life, water level declines may prevent this well from diverting the permitted amounts for that 100 years.

NOTE: To ensure a maximum productive life of this well, perforated casing should be set through the entire producing interval of the approved zone or aquifer indicated above.





# **GENERAL NOTES**

- (Note: All references to "Contractor" are specific to "Landscape Contractor" unless notified as "General or other type of Contractor")
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING QUANTITIES OF MATERIALS NEEDED TO COMPLETE THIS PLAN IN THE FIELD. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND CONDITIONS IN THE FIELD. SUBSTITUTIONS OF PLANT MATERIAL ARE NOT ALLOWED WITHOUT APPROVAL FROM LANDSCAPE ARCHITECT GIVEN PRIOR TO INSTALLATION. GRAPHIC QTY'S. PREVAIL OVER WRITTEN QTY'S. PRIOR TO COMMENCEMENT OF WORK THE LANDSCAPE CONTRACTOR SHALL CONTACT OWNERS REPRESENTATIVE FOR SPECIFIC INSTRUCTIONS RELEVANT TO THE SEQUENCING AND SCOPE OF WORK
- 2. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL LANDSCAPE SHOWN ON THIS PLAN. ANY DEFICIENCIES OR DEVIATIONS FROM THIS PLAN ARE TO BE APPROVED BY OWNER'S REPRESENTATIVE OR LANDSCAPE ARCHITECT. ANY CHANGES FROM THE APPROVED PLANS MAY REQUIRE APPROVAL FROM THE CITY OR COUNTY PLANNING DEPARTMENTS. LANDSCAPE CONTRACTOR TO PROVIDE ALL LABOR AND MATERIALS NECESSARY TO FURNISH SCOPE OF WORK AS SHOWN PER PLAN.
- 3. EXISTING TOPSOIL IS TO BE STOCKPILED AND USED TO ESTABLISH FINAL GRADES WITHIN LANDSCAPE AREAS. ALL STOCKPILED SOIL MUST BE CLEAR OF WEEDS, ROCKS AND DEBRIS BEFORE REUSE. ALL BERMED PLANTING BEDS TO BE CREATED WITH IMPORTED TOPSOIL.
- GENERAL CONTRACTOR TO RE-SPREAD STOCKPILED SOIL AND ESTABLISH ROUGH GRADE CONDITIONS TO THE FOLLOWING SPECIFICATIONS:
- A. 1" BELOW CURB FOR ALL SEEDED AREAS.
- B. 2.5" BELOW CURB FOR ALL SODDED AREAS. C. 4" BELOW CURB FOR ALL PLANTING, ROCK AND MULCH BEDS.
- CONTRACTOR TO TILL PARKING LOT ISLANDS TO A DEPTH OF 30".
- 6. AMEND ALL PLANTING BEDS WITH CLASS 1 COMPOST. APPLY AT RATE OF 3 CYDS. PER 1000 SQUARE FEET TO ALL PLANTING BEDS AND MANICURED LAWN AREAS, AND 2 CYDS. PER 1000 SQUARE FEET FOR SEEDED AREAS. TILL, MIXING THOROUGHLY, INTO THE UPPER 8" OF SOIL.
- FINE GRADE TO BE ESTABLISHED BY LANDSCAPE CONTRACTOR. FINE GRADE SHALL BE FREE OF ROCKS AND DEBRIS. FINE GRADE IN SEED AREAS SHALL BE FREE FROM ROCKS AND DEBRIS 1/2" AND GREATER. FINE GRADE IN SODDED AREAS SHALL BE FREE FROM ROCKS AND DEBRIS 1/4"AND GREATER. CONTRACTOR TO REPORT ANY POOR DRAINAGE CONDITIONS PRIOR TO CONSTRUCTION.
- CONTRACTOR IS TO PROVIDE VERIFICATION THAT ALL SOD AND SEED IS OF THE SPECIES SHOWN ON THIS PLAN. NO SUBSTITUTIONS WILL BE ALLOWED. SOD TO BE LAID WITH TIGHT STAGGERED EDGES AND BE ROLLED AFTER INSTALLATION. SEEDED AREAS CANNOT BE SUBSTITUTED WITH SOD.
- MULCHS: ALL PLANTING BEDS THAT CALL FOR WOOD MULCH TO RECEIVE 4" ORGANIC SHREDDED BARK MULCH. SHREDDED MULCH IS TO BE OF FIBROUS MATERIAL, NOT CHIPS OR CHUNKS. NO FABRIC IS TO BE PLACED UNDER WOOD/ORGANIC MULCH. ALL MULCHED BEDS ARE TO BE SPRAYED WITH WATER AFTER INSTALLATION TO HELP MULCH TO MAT

ALL AREAS THAT CALL FOR COBBLE/ROCK MULCH TO RECEIVE MIN. 3" DEPTH, UNLESS NOTED OTHERWISE.

TREES IN COBBLE/ROCK MULCH, SOD AND SEEDED AREAS TO RECEIVE 4' DIAMETER OF WOOD MULCH RING, 3" DEEP, SHRUBS AND GROUNDCOVERS IN COBBLE/ROCK MULCH SOD AND SEEDED AREAS TO RECEIVE A WOOD MULCH RING AT 2X DIAMETER OF ROOT BALL, 3" DEPTH. NO FABRIC UNDERLAYMENT TO BE PLACED UNDER ROCK OR WOOD

19. CONTRACTOR IS TO PROVIDE A ONE YEAR WARRANTY ON ALL PLANT MATERIAL, TURF, IRRIGATION COMPONENTS, AND WORKMANSHIP. REPLACEMENT PLANT MATERIALS SHALL BE OF THE SAME SPECIES AND SIZE AS THE DECAYED OR DEAD PLANT MATERIAL. WARRANTY IS VOID IF PLANT MATERIAL ARE UNDER OR OVER-WATERED/FERTILIZED, DAMAGED BY VANDALISM OR NEGLECTED BY OWNER AFTER FINAL MAINTENANCE PERIOD AND FINAL ACCEPTANCE IS PROVIDED.

REMOVE ALL TREE STAKING MATERIALS AT END OF WARRANTY, PRIOR TO FINAL ACCEPTANCE

- 10. SEED MIX INSTALLATION: CONTRACTOR TO DRILL SEED WITH BRILLION TYPE APPLICATOR AND APPLY 'SOIL GUARD' BONDED FIBER MATRIX (BFM), WHERE INDICATED PER PLAN AND SCHEDULES. APPLY SEED IN TWO DIRECTIONS (PERPENDICULAR OF THE OTHER) ADD SOIL GUARD BFM FOR DRILL SEEDING WHERE NOTED PER PLAN AND ON ALL SLOPES 5:1 TO 3:1. FOR AREAS WITH 3:1 SLOPES OR GREATER CONTRACTOR TO USE SOIL GUARD APPLICATION ONLY (IN LIEU OF HYDROMULCH) CONTRACTOR TO SPOT SEED NON-GERMINATING AREAS (3) MONTHS AFTER INITIAL SEED APPLICATION. CONTRACTOR TO RE-SEED ALL BARE AREAS (6"x6") AND GREATER AFTER (6) MONTHS FROM SEED GERMINATION OR AT THE BEGINNING OF THE FOLLOWING GROWING SEASON. PRIOR TO THE 11-MONTH WARRANTY INSPECTION RE-APPLY SOIL GUARD AND SEED MIX TO ALL BARE AREAS (6"x6" OR GREATER) AND TO ALL BARE AREAS (4"x4" OR GREATER) ON ALL SLOPES 3:1 AND
- GREATER REMOVED DEAD TWIGS AND BRANCHES FROM ALL NEW AND EXISTING PLANT MATERIAL IN A MANNER THAT DOES NOT CHANGE THE NATURAL HABIT OF THE PLANT MATERIAL. SCARES OF 1" OR MORE SHALL BE PAINTED WITH ORGANIC TREE PAINT. CENTRAL LEADERS SHALL NOT BE REMOVED AT ANY TIME. NEWLY PLANTED TREES WITHOUT CENTRAL LEADERS WILL BE REJECTED.
- 12. CONTRACTOR TO APPLY FERTILIZER IN SPRING & LATE SEPTEMBER. WATER THOROUGHLY AFTER APPLICATION OF FERTILIZERS.
- ALL SEEDED AND SODDED AREAS TO HAVE RECOMMEND FERTILIZER APPLICATIONS ADDED ONCE IN MID TO LATE JUNE AND ONCE IN LATE SEPTEMBER. WATER THOROUGHLY AFTER APPLICATION OF
- 13. ALL PLANT MATERIALS AND UTILITIES ARE SHOWN AT AN APPROXIMATE LOCATIONS. THE CONTRACTOR MAY NEED TO ADJUST LOCATIONS OF PLANT MATERIAL TO ADHERE TO SPECIFIC ON-SITE CONDITIONS AND CODE REQUIREMENTS. ALL TREES AND SHRUBS TO BE PLACES AT 2' MINIMUM BACK OF CURB. CONTRACTOR TO CALL FOR UTILITY LOCATES BEFORE PLANTING (TYP.) 1-800-922-1987, OR CALL 811 BEFORE YOU DIG!
- 14. STEEL EDGING TO BE USED TO SEPARATE ALL TURF AND/OR SEEDED AREAS FROM PLANTING BEDS. USE PERFORATED EDGING SEGMENTS TO OBTAIN POSITIVE DRAINAGE FOR ALL DRAINAGE SWALES OR AREAS OF STANDING WATER.
- 15. CONTRACTOR TO PROVIDE COBBLE & UNDERLAYMENT FOR BUILDING DRAINS AND SWALES THROUGH LANDSCAPED AREAS.
- 16. ALL REQUIRED LANDSCAPING TO BE INSTALLED PRIOR TO ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.
- 17. ALL NURSERY STOCK TO CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI z60.1) AND THE COLORADO NURSERY ACT.
- 18. CONTRACTOR IS RESPONSIBLE FOR CONTACTING LANDSCAPE ARCHITECT FOR ALL REQUIRED INSPECTIONS. PROVIDE AT LEAST 48 HOURS NOTICE TO SCHEDULE AN INSPECTION. REQUIRED INSPECTIONS INCLUDE A LANDSCAPE LAYOUT AND PLANT MATERIAL VERIFICATION AND PLACEMENT INSPECTION, IRRIGATION MAIN LINE INSPECTION, LANDSCAPE AND IRRIGATION PUNCH LIST INSPECTION, AND A LANDSCAPE AND IRRIGATION FINAL INSPECTION.
- 20. MAINTENANCE: THE OWNER OF THIS PROPERTY AND ANY FUTURE OWNERS SHALL BE RESPONSIBLE FOR THE PROPER LANDSCAPE AND IRRIGATION MAINTENANCE OF THIS SITE AND ANY RIGHT OF WAY AREAS BETWEEN THE CURB AND PROPERTY LINES OF THIS SITE. MAINTENANCE OF THIS SITE INCLUDES, BUT IS NOT LIMITED TO, IRRIGATION INSPECTIONS AND ADJUSTMENTS. IRRIGATION SYSTEM SHUT DOWN AND START UP, IRRIGATION LEAK REPAIR, LANDSCAPE WEEDING, MOWING, SEEDING, FERTILIZATION, WOOD MULCH AND ROCK COVER REPLACEMENT, PRUNING, AND PLANT MATERIAL REPLACEMENT (INCLUDING ANNUAL BEDS). ALL MAINTENANCE SHOULD BE IN ACCORDANCE WITH STANDARDS SPECIFIED WITHIN THE "ALCC SPECIFICATIONS HANDBOOK" REVISED EDITION- 1996. OWNER SHOULD CONTACT LANDSCAPE CONTRACTOR OR LANDSCAPE ARCHITECT REGARDING ANY QUESTIONS RELATING TO THE LANDSCAPE OR IRRIGATION MAINTENANCE OF THIS SITE.

# **PLAN NOTES:**

- DEVELOPER WILL INSTALL ALL PRIVACY FENCING, TREES AND IRRIGATION IN THE LANDSCAPE BUFFERS. LANDSCAPE BUFFERS WILL BE OWNED AND MAINTAINED BY A COMMON OWNERS ASSOCIATION. FENCING, LANDSCAPING AND IRRIGATION ON THE INDIVIDUAL LOTS WILL BE THE RESPONSIBILITY EACH LAND OWNER AS THE LOTS ARE **DEVELOPED**.
- NO SUBSTITUTIONS WITHOUT PREVIOUS APPROVAL OF LANDSCAPE ARCHITECT. UNAPPROVED DEVIATIONS FROM THIS PLAN WILL BE RECTIFIED AT CONTRACTORS EXPENSE. THIS INCLUDES DEVIATIONS OF CULTIVARS FROM THOSE PROPOSED. SEE NOTE #11 FOR ID TAG RETENTION REQUIREMENTS.
- 3. CONTRACTOR TO PROVIDE ANALYSIS OF ANY AMENDMENTS PROPOSED FOR PLANTING AREAS PRIOR TO INSTALLATION OF SUCH MATERIALS.
- 4. CONTRACTOR TO PROVIDE RECEIPTS TO LANDSCAPE ARCHITECT FOR ALL SEEDING PROPOSED ON SITE, PRIOR TO INSTALLATION OF SEEDING MATERIALS.
- 5. NO FABRIC UNDER WOOD MULCH IN ANY AREAS. ALL PLANTS IN ROCK MULCH AREAS TO RECEIVE SHREDDED CEDAR MULCH RINGS. MASSING SHALL HAVE CONTINUOUS
- 6. ALL EMITTERS TO BE PLACED AT THE APPROPRIATE LOCATIONS. ALL EMITTERS TO USE MICRO TUBING, STAKES, AND BUG CAPS.
- SEE LANDSCAPE DETAILS SHEET FOR ADDITIONAL NOTES AND DETAILS.

SHREDDED MULCH BANDS. SEE DETAILS SHEET L2.0.

8. RETAIN 10% OF ALL PLANT TAGS PER SPECIES FOR DURATION OF WARRANTY PERIOD.

ALL TURF AREAS TO BE IRRIGATED WITH AN AUTOMATIC POP-UP SPRINKLER SYSTEM. ALL SHRUBS BEDS TO BE IRRIGATED WITH AUTOMATIC DRIP IRRIGATION SYSTEM. THE IRRIGATION SYSTEM IS TO BE ADJUSTED TO MEET THE NEEDS OF INDIVIDUAL PLANT MATERIAL.

IRRIGATION SYSTEM TO BE ADJUSTED AS NEEDED FOR PLANT ESTABLISHMENT FOR A PERIOD OF AT LEAST ONE (1) YEAR.

ADJUSTMENTS TO BE MADE AFTER ESTABLISHMENT BASED ON SPECIFIC PLANT REQUIREMENTS. SEE SUGGESTED RUN TIMES PROVIDED WITHIN THESE

DESIGN OF IRRIGATION SYSTEMS TO MEET OR EXCEED LOCAL REQUIREMENTS AND INDUSTRY STANDARDS. CONSTRUCTION DOCUMENTS SUITABLE FOR DEVELOPMENT COORDINATION TO BE PROVIDED.

IRRIGATION SYSTEM TO BE DESIGNED USING APPROPRIATE COMPONENTS FOR PLANT MATERIAL, AND WILL INCLUDE A SMART ET CONTROLLER AND RAIN SENSOR.

# EXISTING VEGETATION (all ex. vegetation to remain unless noted to be removed) CLEAR OF DEBRIS AND AND FILL - CONSTRUCTION FENCING - WOOD LATH ALL PRUNING AND/OR ROOT DISTURBANCE TO BE SUPERVISED AND/OR PERFORMED BY A SERVICE LICENSED BY THE CITY FORESTER. - CRZ - CRITICAL ROOT ZONE

- NO DISTURBANCE IN CRZ

Use trees spade to relocate trees. Preserve the rootball and existing roots. Deep water for three months, provide drip irrigation thereafter

# **EXISTING TREE PROTECTION DIRECTIONS:**

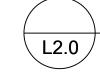
## PROTECTIVE FENCING:

FOUR FEET HEIGHT PROTECTIVE FENCING IS TO BE INSTALLED AROUND THE EXISTING TREES TO REMAIN PRIOR TO CONSTRUCTION ON THIS SITE. CONTRACTOR IS TO TAKE PRECAUTIONS TO ENSURE THAT EXISTING ROOTS AND LIMBS ARE NOT DAMAGED DURING EXCAVATION ADJACENT TO TREES. FENCING IS TO BE INSTALLED BELOW THE EDGE OF THE CANOPY OF THE EXISTING TREES TO REMAIN. FENCING IS TO REMAIN IN PLACE FOR THE DURATION OF CONSTRUCTION.

IF ROOT PRUNING IS NECESSARY FOR GRADING, EXCAVATING, OR INSTALLATION OF IRRIGATION SYSTEM, ALL ROOT PRUNING IS TO TAKE PLACE OUTSIDE OF THE PROTECTIVE FENCING AROUND EACH TREE. CONTRACTOR IS TO TRENCH 12" AWAY FROM PROTECTIVE FENCING. ANY ROOTS LARGER THAN 2" ARE TO BE SAW CUT. CONTRACTOR IS TO HAND DIG ANY TRENCHES AND SAW CUT ANY INTERFERING ROOTS INSIDE THE PROTECTIVE FENCE AREAS.

## WATERING, MULCHING, AND FERTILIZATION:

PRIOR TO CONSTRUCTION CONTRACTOR IS TO PLACE A 4" DEPTH OF WOOD CHIPS OR MULCH INSIDE THE PROTECTIVE FENCING OF EXISTING TREES TO REMAIN. CONTRACTOR IS TO PROVIDE REGULAR DEEP WATERING TO ALL EXISTING TREES TO REMAIN THROUGHOUT CONSTRUCTION. DURING CONSTRUCTION A SLOW-RELEASE NITROGREN FERTILIZER IS TO BE APPLIED AROUND THE BASE OF EACH TREE AT A RATE OF 2 LBS. PER 1000 S.F. (USE DRIP LINE OF TREE TO CALCULATE SQUARE FOOTAGE).



EXISTING TREE PROTECTION DETAIL

1. DO NOT REMOVE OR CUT LEADER.

NOT TO SCALE

- 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 AS STATED ON THIS SHEET 6. MARK THE NORTH SIDE OF TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE
- 7. PINE AND SPRUCE TREES TO BE SPRAYED FOR IPS BARK BEETLE PRIOR TO PLANTING. COORDINATE WITH
- FOR CURRENT INSECT AND DISEASE RECOMMENDATIONS PRIOR TO PLANTING. 8. ALL TREES TO BE DEEP WATERED AT TIME OF PLANTING.

# TRUNK FLARE MUST BE VISIBLE AT TOP OF ROOTBALL. POSITION ROOT FLARE AT GRADE. 3-4" DEPTH OF SPECIFIED MULCH. KEEP MULCH AWAY FROM CONTACT WITH WOODY TRUNK. DO NOT PLACE LANDSCAPE FABRIC UNDER MULCH. PROVIDE A 6' DIAMETER WOOD MULCH RING WITH A 6" PLANTING RIM FOR TREES IN DRYLAND PLANTING BEDS AND IN IRRIGATED NATIVE SEED AREAS WHERE IRRIGATION ZONES ARE TO BE SHUT DOWN AFTER ESTABLISHMENT. PROVIDE 6" RIM ON DOWNHILL SIDE ON SLOPES. NO RIM FOR TREES IN IRRIGATED TURF AREAS. ORANGE FLUORESCENT FLAGGING ON WIRE FOR SAFETY. SET TREE VERTICAL, STAKE TREES SMALLER THAN 6' WITH TWO POSTS ON THE LEEWARD AND WINDWARD SIDES; STAKE TREES 6' HEIGHT AND GREATER WITH 3 METAL ANGLE IRONS, PLACED 120 DEGREES APART. USE NYLON STRAP WITH GROMMETS BELOW MIDPOINT OF TREE. TIGHTEN #10 GUY WIRE BY TWISTING. PROTECT BRANCHES FROM TOUCHING WIRE. ALLOW A SLIGHT SAG FOR SWAY. PROVIDE FLAGGING FOR VISIBILITY. SET STAKES IN MINIMUM 18" FIRM SOIL. REMOVE STAKES WITHIN 12-18 MONTHS OF PLANTING. SHREDDED REDWOOD / CEDAR / GORILLA HAIR MULCH ONLY SCARIFY SIDES OF PLANTING PIT. BACKFILL WITH AMENDED SOIL MIX. ROOTBALL SHALL REST ON FIRM, UNDISTURBED SOIL CUTOUT IN WEED BARRIER FABRIC TO BE LARGER THAN ROOTBALL OF PLANTING, OR GROUP OF PLANTINGS. NO SLITS OR CROSS CUTS WILL BE ACCEPTED - AFTER TREE IS POSITIONED, REMOVE ALL TWINE, ROPE, PLASTIC, WIRE, BURLAP, AND RUBBER. — MIN. 2X ROOTBALL—

**EVERGREEN TREE PLANTING DETAIL** 

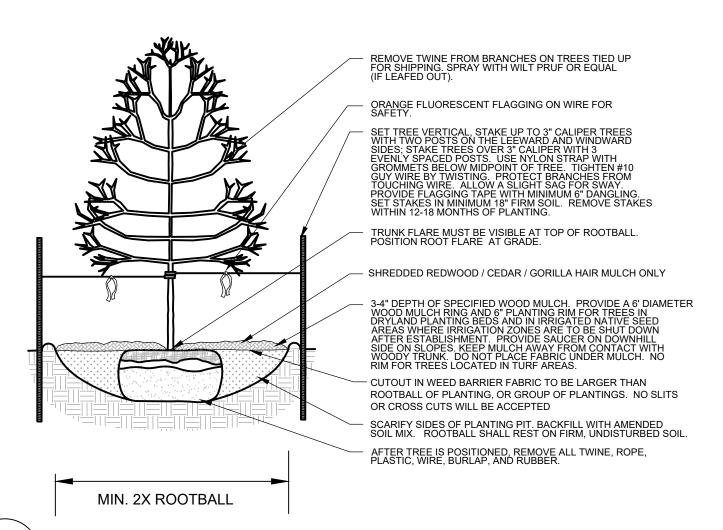
1. MARK THE NORTH SIDE OF TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE WHENEVER POSSIBLE 2. AT TIME OF PLANTING, DO NOT REMOVE OR CUT LEADER AND PRUNE ONLY DEAD OR BROKEN BRANCHES, CROSS

- OVER BRANCHES, AND WEAK OR NARROW CROTCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED. HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE
- 3. STRUCTURAL PRUNING SHOULD NOT BEGIN UNTIL AFTER ESTABLISHMENT PERIOD, USUALLY TWO GROWING
- 4. KEEP PLANTS MOIST AND SHADED UNTIL PLANTING.
- 5. DO NOT FERTILIZE FOR AT LEAST ONE GROWING SEASON. 6. AMENDED BACKFILL SHALL BE AS STATED ON THIS SHEET.

DECIDUOUS TREE PLANTING DETAIL

L2.0

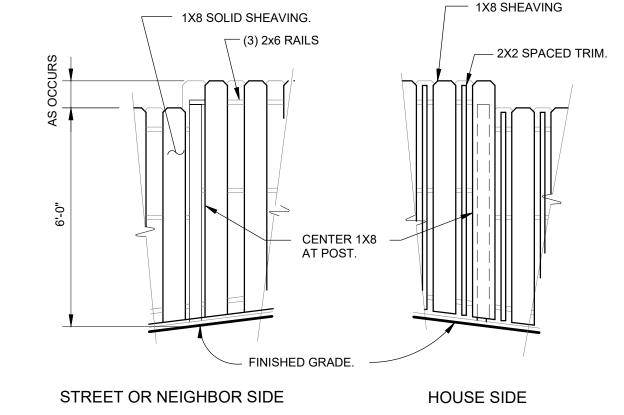
- 7. WRAP TRUNK ON EXPOSED SITES AND SPECIES WITH THIN BARK. USE ELECTRICAL OR DUCT TAPE, NOT TWINE.
- 8. COORDINATE WITH CITY FORESTRY FOR CURRENT INSECT AND DISEASE RECOMMENDATIONS PRIOR TO
- 9. DEEP WATER ALL PLANTS AT TIME OF PLANTING.



SET SHRUBS VERTICAL. SHRUB SPACING AS PER PLANS. LAYOUT VARIES. FINISHED GRADE OF SHRUB BED TO BE 2" BELOW ADJACENT FINISH GRADE AT EDGE TO HOLD MULCH. PLANT TOP OF ROOTBALL AT GRADE. SHREDDED REDWOOD / CEDAR / GORILLA HAIR MULCH ONLY 3-4" SPECIFIED ORGANIC MULCH. PROVIDE 6" PLANTING RIM FOR SHRUBS NOT IN PLANTING BED. PROVIDE SAUCER ON DOWNHILL SIDE ON SLOPES. NO PLANTING RIM FOR SHRUBS IN PLANTING BED. KEEP MULCH AWAY FROM CONTACT WITH WOODY TRUNK. CUTOUT IN WEED BARRIER FABRIC TO BE LARGER THAN ROOTBALL OF PLANTING, OR GROUP OF PLANTINGS. NO SLITS OR CROSS CUTS WILL BE ACCEPTED SCARIFY SIDES OF PLANTING PIT. BACKFILL WITH AMENDED SOIL MIX. ROOTBALL SHALL REST ON FIRM, UNDISTURBED SOIL. REMOVE ALL PACKAGING MATERIAL. FOR POT BOUND PLANTS ONLY: MAKE 4-5 VERTICAL CUTS IN ROOTBALL 1" DEEP. PLANT IMMEDIATELY. FOR ROOT BIND AT BOTTOM OF BALL: SPLIT ROOTBALL VERTICALLY FROM BOTTOM HALFWAY TO TOP. SPREAD THE TWO HALVES OVER A MOUND OF SOIL IN THE PLANTING HOLE.

SHRUB PLANTING DETAIL NOT TO SCALE

6' SHADOWBOX FENCE DETAIL NOT TO SCALE



TYPICAL 1/8 SPACED SHEAVING. TYPICAL 2X2 SPACED 14" O.C. 14" O.C. **-**6X6 POST BEYOND. (Max. 8' O.C.) 2X6 TOP RAIL.

1X8 SOLID SHEAVING BEYOND.

PROJ. NO.: DATE: 12.21.21 DRAWN: JRO

CHKD BY: NAM

SCALE: See Sheet

SHEET

## WELL PERMIT NUMBER 86379-F

## RECEIPT NUMBER 10013402

NOTE: This permit will expire on the expiration date unless the well is constructed and a pump is installed by that date. A Well Construction and Yield Estimate Report (GWS-31) and Pump Installation and Production Equipment Test Report (GWS-32) must be submitted to the Division of Water Resources to verify the well has been constructed and the pump has been installed. A one-time extension of the expiration date may be available. Contact the DWR for additional information or refer to the extension request form (GWS-64) available at: dwr.colorado.gov

NOTE: This well will be completed in a Type 1 aquifer penetrating only one confining layer and must be constructed in accordance with Well Construction Rule 10.4.5.1 (2 CCR 402-2).

Date Issued: 12/8/2021

Issued By JOANNA WILLIAMS Expiration Date: 12/8/2022