

LANDSCAPE PLAN SPECIFICATIONS

PART I - GENERAL

1.1 SUMMARY

A. This section includes landscape procedures for the Project including all labor, materials, and installation necessary, but not limited to, the following:

1. Soil Amendments
2. Fine Grading
3. Cultivation
4. Landscape Edging
5. Turf Planting
6. Furnish and Installing Plant
7. Maintenance
8. Mowing
9. Weeding

1.2 SITE CONDITIONS

A. Examination: Before submitting a Bid, each Contractor shall carefully examine the Contract Documents; shall visit the site of the Work; shall fully inform themselves as to all existing conditions and limitations; and shall include in the Bid the cost of all items required by the Contract Documents are at a variance with the applicable laws, building codes, rules, regulations, or contain obvious erroneous or uncoordinated information, the Contractor shall promptly notify the Project Representative and the necessary changes shall be accomplished by Addendum.

B. Protection: Contractor to conduct the Work in such a manner to protect all existing underground utilities or structures. Contractor to repair or replace any damaged utility or structure using identical materials to match existing at no expense to the Owner.

C. Irrigation System: Do not begin planting until the irrigation system is completely installed, is adjusted for full coverage and is completely operational.

1.3 PERMITS

A. Blue Stake/ Dig Line: When digging is required, "Blue Stake" or "Dig Line" the work site and identify the approximate location of all known underground utilities or structures.

1.4 PLANT DELIVERY, QUALITY, AND AVAILABILITY

A. Unauthorized substitutions will not be accepted. If proof is submitted that specific plants or plant sizes are unobtainable, written substitution requests will be considered for the nearest equivalent plant or size. All substitution requests must be made in writing and preferably before the bid due date.

1.5 FINAL INSPECTION

A. All plants will be inspected at the time of Final Inspection prior to receiving a Landscape Substantial Completion for conformance to specified planting procedures, and for general appearance and vitality. Any plant not approved by the Project Representative will be rejected and replaced immediately.

1.6 LANDSCAPE SUBSTANTIAL COMPLETION

A. A Substantial Completion Certificate will only be issued by the Project Representative for "landscape and irrigation" in their entirety. Substantial Completion will not be proportioned to be designated areas of a project.

1.7 MAINTENANCE

A. Plant Material: The Contractor is responsible to maintain all planted materials in a healthy and growing condition for 30 days after receiving a Landscape Substantial Completion at which time the Guarantee period commences. This maintenance is to include mowing, weeding, cultivating, fertilizing, monitoring water schedules, controlling insects and diseases, re-guying and staking, and all other operations of care necessary for the promotion of root growth and plant life so that all plants are in a condition satisfactory at the end of the guarantee period. The Contractor shall be held responsible for failure to monitor watering operations and shall replace any and all plant material that is lost due to improper application of water.

1.8 GUARANTEE

A. Guarantee: A guarantee period of one year shall begin from end of maintenance period and final acceptance for trees, shrubs, and ground covers. All plants shall grow and be healthy for the guarantee period and trees shall live and grow in acceptable upright position. Any plant not alive, in poor health, or in poor condition at the end of the guarantee period will be replaced immediately. Any plant will only need to be replaced once during the guarantee period. Contractor to provide documentation showing where each plant to be replaced is located. Any outside factors, such as vandalism or lack of maintenance on the part of the Owner, shall not be part of the guarantee

PART II - PRODUCTS

2.1 LANDSCAPE MATERIALS

A. Tree Staking: All trees shall be staked for one year warranty period. All trees not plumb shall be replaced. Staked trees shall use vinyl tree ties and tree stakes two (2) inch by two (2) by eight (8) foot common pine stakes used as shown on the details.

B. Tree Wrap: Tree wrap is not to be used.

C. Mulch/Rock: See Plans. All planter beds to receive a minimum 3" layer for trees, shrubs, and perennials and 1" for groundcovers.

D. Weed Barrier: DeWitt 5 oz. weed barrier fabric. Manufactured by DeWitt Company, dewittcompany.com or approved equal.

E. Tree, Shrub, and Grass Backfill Mixture: Backfill mixture to be 50% native soil and 50% topsoil, thoroughly mixed together prior to placement.

F. Topsoil: Required for turf areas, planter beds and Backfill Mixture. Acceptable topsoil shall meet the following standards:

- a. PH: 5.5-7.5
- b. EC (electrical conductivity): < 2.0 mmhos per centimeter
- c. SAR (sodium absorption ration): < 3.0
- d. % OM (percent organic matter): >1%
- e. Texture (particle size per USDA soil classification): Sand <70%; Clay < 30%; Silt < 70%; Stone fragments (gravel or any soil particle greater than two (2) mm in size) < 5% by volume.

G. Turf Sod: All sod shall be 18 month old as specified on plans (or approved equal) that has been cut fresh the morning of installation. Only sod that has been grown on a commercial sod farm shall be used. Only use sod from a single source.

H. Landscape Edging: Headers and Edging six (6) inches by four (4) inches extruded concrete curb made up of the following materials:

- a. Washed mortar sand free of organic material.
- b. Portland Cement (see concrete spec. below for type)
- c. Reinforced fiber - Specifically produced for compatibility with aggressive alkaline

environment of Portland cement-based composites.

PART III - EXECUTION

3.1 GRADING

A. Topsoil Preparation: Grade planting areas according to the grading plan. Eliminate uneven areas and low spots. Provide for proper grading and drainage.

B. Topsoil Placement: Slope surfaced away from building at two (2) percent slope with no pockets of standing water. Establish finish grades of one (1) inches for planters below grade of adjacent paved surfaced. Provide neat, smooth, and uniform finish grades. Remove surplus sub-soil and topsoil from the site.

C. Compaction: compaction under hard surface areas (asphalt paths and concrete surfaces) shall be ninety-five (95) percent. Compaction under planting areas shall be between eighty-five (85) and ninety (90) percent.

3.2 TURF GRADING

A. The surface on which the sod is to be laid shall be firm and free from footprints, depressions, or undulations of any kind. The surface shall be free of all materials larger than 1/2" in diameter.

B. The finish grade of the topsoil adjacent to all sidewalks, mow-strips, etc. prior to the laying of sod, shall be set such that the crown of the grass shall be at the same level as the adjacent concrete or hard surface. No exceptions.

3.3 PLANTING OPERATIONS

A. Review the exact locations of all trees and shrubs with the Project Representative for approval prior to the digging of any holes. Prepare all holes according to the details on the drawings.

B. Water plants immediately upon arrival at the site. Maintain in moist condition until planted.

C. Before planting, locate all underground utilities prior to digging. Do not place plants on or near utility lines.

D. The tree planting hole should be the same depth as the root ball, and three times the diameter of the root ball.

E. Trees must be placed on undisturbed soil at the bottom of the planting hole.

F. The tree hole depth shall be determined so that the tree may be set slightly high of finish grade, 1" to 2" above the base of the trunk flare, using the top of the root ball as a guide.

G. Plant immediately after removal of container for container plants.

H. Set tree on soil and remove all burlap, wire baskets, twine, wrappings, etc. before beginning and backfilling operations. Do not use planting stock if the ball is cracked or broken before or during planting operation.

I. Apply vitamin B-1 root stimulator at the rate of one (1) tablespoon per gallon.

J. Upon completion of backfilling operation, thoroughly water tree to completely settle the soil and fill any voids that may have occurred. Use a watering hose, not the area irrigation system. If additional prepared topsoil mixture needs to be added. It should be a courser mix as required to establish finish grade as indicated on the drawings.

K. The amount of pruning shall be limited to the minimum necessary to remove dead or injured twigs and branches. All cuts, scars, and bruises shall be properly treated according to the direction of the Project Representative. Proper pruning techniques shall be used. Do not leave stubs and do not cut the leader branch. Improper pruning shall be cause for rejection of the plant material.

L. Prepare a watering circle of 2' diameter around the trunk. For conifers, extend the watering well to the drip line of the tree canopy. Place mulch around the planted trees.

3.4 TURF - SOD LAYING

A. Top Soil Amendments: Prior to laying sod, commercial fertilizer shall be applied and incorporated into the upper four (4) inches of the topsoil at a rate of four pounds of nitrogen per one thousand (1,000) square feet. Adjust fertilization mixture and rate of application as needed to meet recommendations given by topsoil analysis. Include other amendments as required.

B. Fertilization: Three weeks after sod placement fertilize the turf at a rate of 1/2 pound of nitrogen per 1000 square feet. Use fertilizer specified above. Adjust fertilization mixture and rates to meet recommendations given by topsoil analysis.

C. Sod Availability and Condition: The Contractor shall satisfy himself as to the existing conditions prior to any construction. The Contractor shall be fully responsible for furnishing and lay all sod required on the plans. He shall furnish new sod as specified above and lay it so as too completely satisfy the intent and meaning of the plans and specification at no extra cost to the owner. In the case of any discrepancy in the amount of sod to be removed or amount to be used, it shall be the Contractor's responsibility to report such to the Project Representative prior to commencing the work.

D. Sod Laying: The surface upon which the new sod to be laid will be prepared as specified above. Areas where sod is to be laid shall be cut trimmed, or shaped to receive full width sod (minimum twelve (12) inches). No partial strip or pieces will be accepted.

E. Sod shall be tamped lightly as each piece is set to insure that good contact is made between edges and also the ground. Sod laid on any sloped areas shall be anchored with wooden dowels or other materials which are accepted by the grass sod industry.

F. Apply water directly after laying sod. Rainfall is not acceptable.

G. Watering of the sod shall be the complete responsibility of the Contractor by whatever means necessary to establish the sod in an acceptable manner to the end of the Maintenance period. If an irrigation system is in place on the site, but for whatever reason, water is not available in the system. It is the responsibility of the Contractor to water the sod by whatever means, until the sod is accepted by the Project Representative.

H. Protection of the newly laid sod shall be the complete responsibility of the Contractor. The Contractor shall provide acceptable visual barriers, to include barricades set appropriate distances with strings or tapes between barriers, as an indication of new work. The Contractor is to restore any damaged areas caused by others (including vehicular traffic), erosion, until such time as the lawn is accepted by the Owner.

I. All sod that has not been laid within 24 hours shall be deemed unacceptable and will be removed from the site.

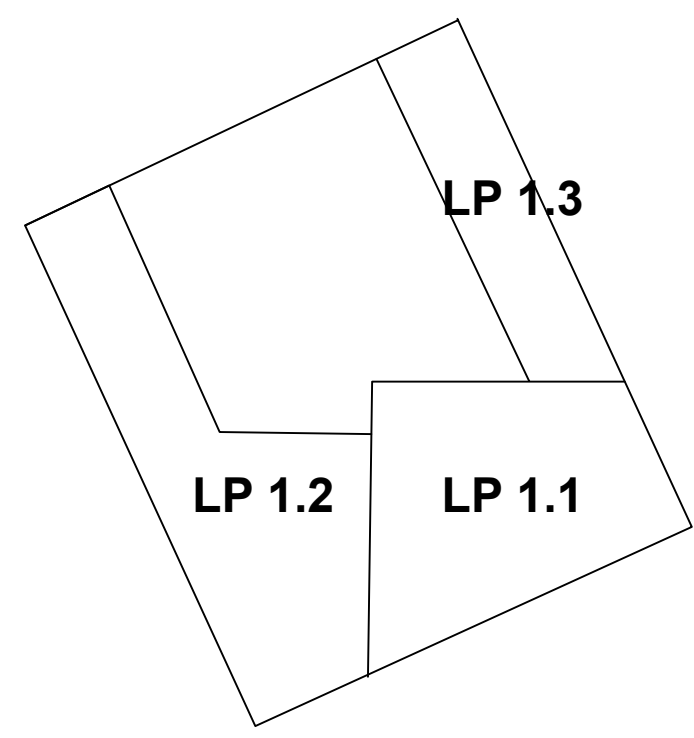
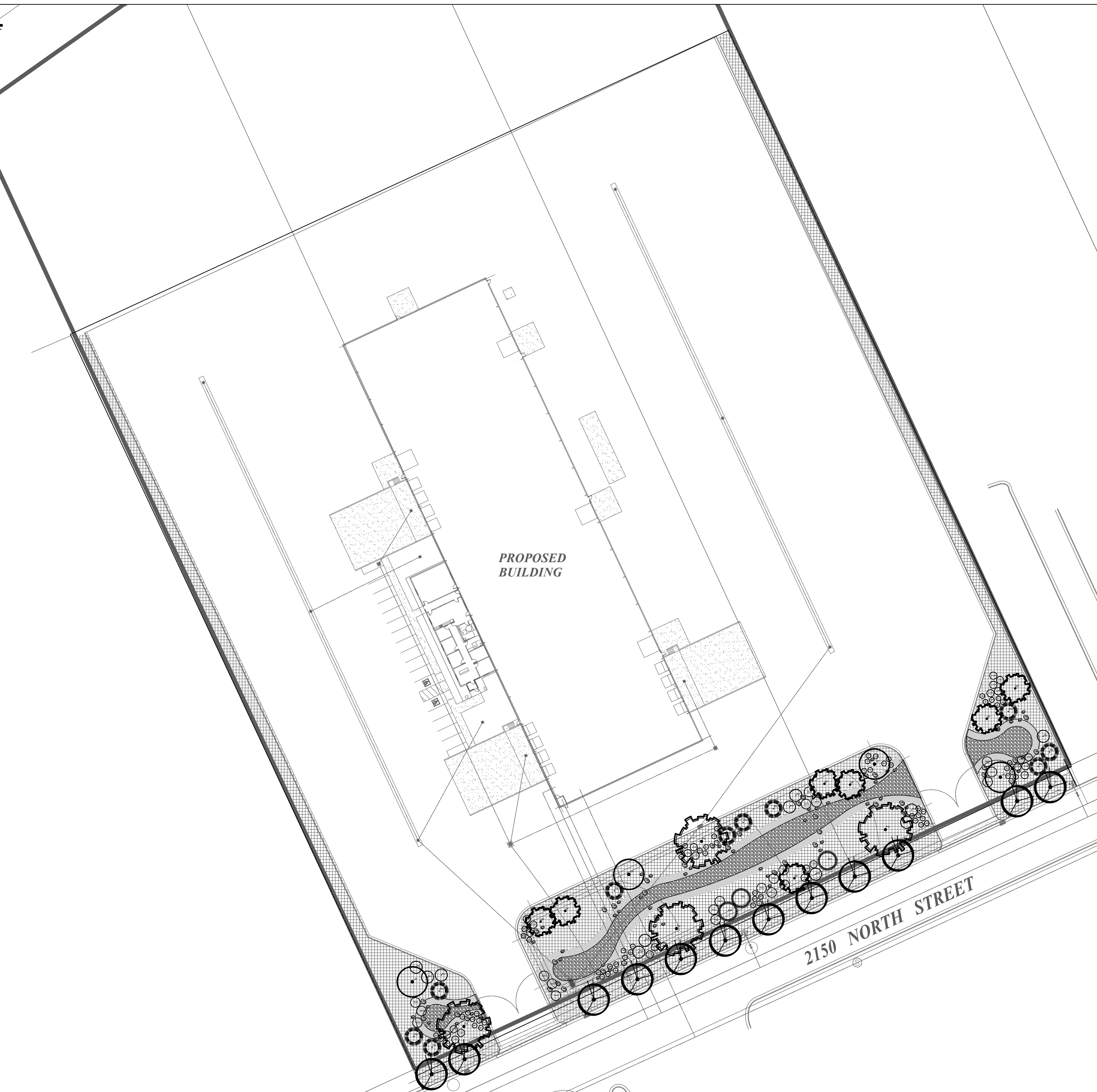
3.5 WEED BARRIER

A. Cut a slit or x at each plant location no larger than necessary to install plant.

B. Overlap rows of fabric min. 6"

C. Stable fabric edges and overlaps to ground.

END OF SECTION



TREE LEGEND (TOTAL PLANT COUNT)

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	HYDROZONE	SPECIAL NOTES
PN	PINUS NIGRA	AUSTRIAN PINE	10	6' TALL	LOW	
PO	PINUS MONOPHYLLA	SINGLE NEEDLE PINE	3	6' TALL	LOW	
UP	ULMUS PARVIFOLIA	LACELEAF ELM	4	2" CAL	LOW	
QP	QUERCUS MACROCARPA	BUR OAK	7	2" CAL	LOW	
PA	PLATANUS X ACERFOLIA	LONDON PLANETREE	4	2" CAL	MODERATE	
ZS	ZELKOVA SERRATA	JAPANESE ZELKOVA	12	2" CAL	MODERATE	STREET TREES
AU	AMELANCHIER UTAHNENSIS	UTAH SERVICEBERRY	11	1.5" CAL	LOW	

SHRUB LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	HYDROZONE	SPECIAL NOTES
YFG	YUCCA BAILEYI	NAVAJO YUCCA	25	2 GAL	LOW	
C'SM	CYTISUS SCOPARIUS MOONLIGHT	MOONLIGHT SCOTCH BROOM	27	5 GAL.	LOW	
RAYG	RHUS TRILOBATA 'AUTUMN AMBER'	THREE LEAF SUMAC	20	5 GAL.	LOW	
AC	ARCTOSTAPHYLOS X COLORADOENSIS	PANCHITO MANZANITA	43	5 GAL	LOW	

SITE MATERIALS

SYMBOL	SITE MATERIAL	QUANTITY	SPECIAL NOTES
	SANDSTONE BOULDERS 3-5' SIZE	89	
	2" PARADISE GRAVEL	48,957 SQ.FT. (453 CU YD)	LOCATED WHERE SPECIFIED
	3'-7" OQUIRRH COBBLE	6,784 SQ.FT. (83 CU YD)	LOCATED WHERE SPECIFIED
	3/8" LAKESIDE GRAVEL	6,092 SQ.FT. (56.4 CU YD)	LOCATED WHERE SPECIFIED

LANDSCAPE GENERAL NOTES

INSTALLER RESPONSIBILITIES AND LIABILITIES
 1. THESE PLANS ARE FOR BASIC DESIGN LAYOUT AND INFORMATION. THE INSTALLER IS REQUIRED TO REFER TO THEIR INDIVIDUAL TRADE - SCOPE OF WORK. OWNER ASSUMES NO LIABILITIES FOR INADEQUATE ENGINEERING CALCULATIONS, MANUFACTURER PRODUCT DEFECTS, INSTALLATION OF ANY LANDSCAPING AND COMPONENTS, OR TIME EXECUTION.
 2. THE INSTALLER OF ALL LANDSCAPING AND IRRIGATION SYSTEMS ARE LIABLE AND RESPONSIBLE FOR ALL JURISDICTIONAL AND CODE REQUIREMENTS, TIME EXECUTIONS, AND INSTALLED PRODUCTS AND MATERIALS.

GRADING AND DRAINAGE REQUIREMENTS
 1. ALL GRADING IS TO SLOPE AWAY FROM THE STRUCTURE PER CODE.
 2. FINISHED GRADE IS NOT PERMITTED BY CODE TO DRAIN ON NEIGHBORING PROPERTIES
 3. 6" MIN. FOUNDATION LEFT EXPOSED AT ALL CONDITIONS
 4. LANDSCAPER TO MAINTAIN OR IMPROVE EXISTING FINAL GRADE AND PROPER DRAINAGE ESTABLISHED BY THE EXCAVATOR'S FINAL GRADE ACTIVITIES INCLUDING ANY MAINTENANCE, PRESERVATION, OR EXAGGERATION OF SLOPES, BERMS, AND SWALES;
 5. IF ANY SWALE, BERM, OR GRADE HAS BEEN DAMAGED OR IS INCORRECT TO ENSURE CORRECT WATER FLOW THE TRADE CONTRACTOR IS RESPONSIBLE TO FIX STATED ISSUE.
 6. ROOF RUN-OFF DEVICES SHOULD BE INSTALLED TO COLLECT AND DISCHARGE ALL ROOF RUNOFF A MINIMUM OF 10 FEET FROM FOUNDATION ELEMENTS OR BEYOND THE LIMITS OF BACKFILL AROUND THE FOUNDATION WALLS; WHICHEVER DISTANCE IS GREATER.
 7. THE GROUND SURFACE WITHIN 10 FEET OF THE FOUNDATIONS SHOULD BE SLOPED TO DRAIN AWAY FROM THE STRUCTURE WITH A MINIMUM FALL OF 6 INCHES.

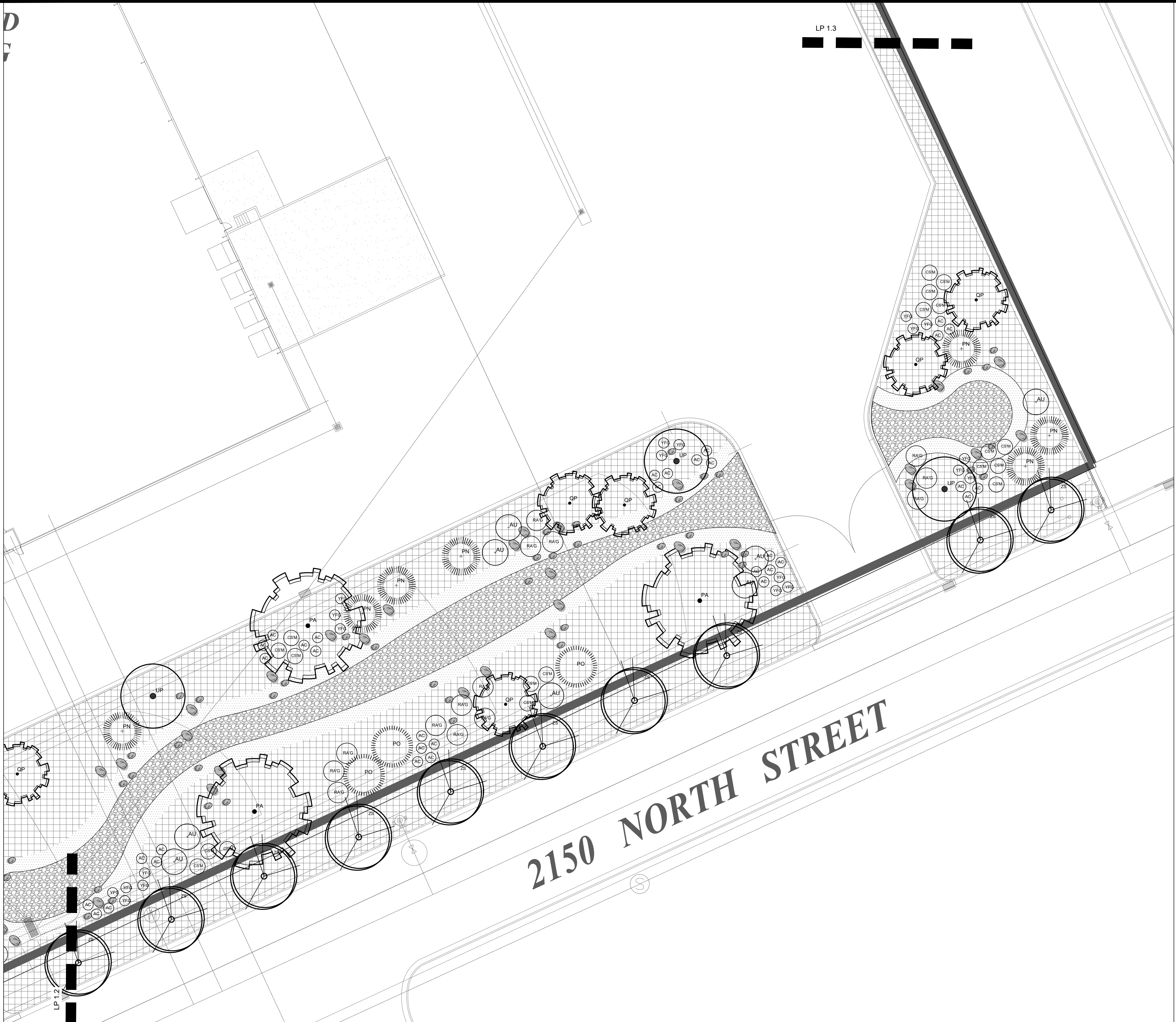
LANDSCAPING REQUIREMENTS
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 2. NON-COMPLIANCE TO ALL GOVERNING JURISDICTION REQUIREMENTS AND REGULATION ARE THE RESPONSIBILITY OF THE LANDSCAPING INSTALLER.
 3. ALL PLANTED LANDSCAPING IS TO BE INSTALLED ACCORDING TO THE NURSERY CARE AND INSTALLATION INSTRUCTIONS WHERE PURCHASED AND BASED ON INDIVIDUAL SOIL CONDITIONS AND SITE CONDITIONS.

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2. PLANT MATERIAL TO BE INSTALLED PER PLANT LEGEND. IF SUBSTITUTIONS ARE WANTED, PROPOSED LANDSCAPE CHANGES MUST BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO PLANTING.
3. NEW LAWN AREAS TO BE SODDED WITH DROUGHT TOLERANT VARIETY. FINE LEVEL ALL AREAS PRIOR TO LAYING SOD.
4. SANDY LOAM TOPSOIL TO BE IMPLEMENTED AT THE FOLLOWING DEPTHS: 6" TOPSOIL (WITH 2" HUMUS MIXED INTO TOPSOIL PRIOR TO SPREADING) IN ALL NEW PLANTER AREAS AND 4" IN ALL NEW LAWN AREAS. PLANTER BEDS TO BE EXCAVATED AS NECESSARY IN ORDER TO ACCOMMODATE NEW TOPSOIL AND/OR PLANTER BED MULCH TO REACH FINISHED GRADE.
5. 4"X6" EXTRUDED CONCRETE MOW CURB TO BE INSTALLED BETWEEN ALL LAWN AND PLANTER AREAS PER PLAN. ANY TREES LOCATED IN LAWN MUST HAVE A 4" CONCRETE TREE RING.
6. DeWitt 5 OZ. WEED BARRIER FABRIC TO BE INSTALLED IN ALL PLANTER AREAS EXCEPT UNDER ANNUAL PLANTING AREAS AS SHOWN ON PLAN.
7. ROCK MULCH TO BE IMPLEMENTED AT THE FOLLOWING DEPTHS: 3" IN ALL TREE, SHRUB, AND PERENNIAL PLANTER AREAS; ANNUAL PLANTING AREAS AS SHOWN ON PLAN TO RECEIVE 4" OF SOIL AID MATERIAL. PULL BARK MULCH MIN. 3" AWAY FROM BASE OF ALL PERENNIALS AND SHRUBS AND MIN. 6" AWAY FROM ALL TREES.
8. CONTRACTOR TO PROVIDE NEW AUTOMATIC UNDERGROUND IRRIGATION SYSTEM TO BE INSTALLED IN ALL LANDSCAPE AREAS. ALL LAWN AREA TO RECEIVE 100% HEAD TO HEAD COVERAGE WITH SPRAY AND ROTARY SPRINKLER HEADS. ALL PLANTER AREAS NEED TO RECEIVE A FULL DRIP SYSTEM TO EACH TREE AND SHRUB ON PROJECT. SEE IRRIGATION PLAN.
9. BOTH THE LANDSCAPING AND IRRIGATION SYSTEM SHALL BE MAINTAINED BY THE PROPERTY OWNER INTO PERPETUITY.

ISSUE DATE PROJECT NUMBER PLAN INFORMATION PROJECT INFORMATION DEVELOPER / PROPERTY OWNER / CLIENT LANDSCAPE ARCHITECT / PLANNER LICENSE STAMP

<p>10-22-2019 UT19084</p>		<p>CHALLENGER PALLETS 1175 WEST 2150 NORTH OGDEN, UTAH</p>		<p>Developer / Property Owner:</p>		<p>LANDSCAPE ARCHITECT / PLANNER</p>		<p>LICENSE STAMP</p>	
<p>NO. REVISION DATE</p>		<p>811 BLUE STAKES OF UTAH UTILITY NOTIFICATION CENTER, INC. 1-800-662-4111 www.bluestakes.org</p>		<p>SILVERPEAK ENGINEERING 177 E. ANTELOPE DR., STE B LAYTON, UT 84041 (801)499-5054</p>		<p>PKJ DESIGN GROUP PKJ DESIGN GROUP L.L.C. 3450 N. TRIUMPH BLVD, SUITE 102 LEHI, UTAH 84043 (801) 960-2698 www.pkjdesigngroup.com</p>		<p>PM: JTA DRAWN: KBA CHECKED: TM PLOT DATE: 10/22/2019</p>	
<p>GRAPHIC SCALE: 1" = 60'</p>		<p>LANDSCAPE PLAN PRELIMINARY PLANS NOT FOR CONSTRUCTION LP-1.0</p>							



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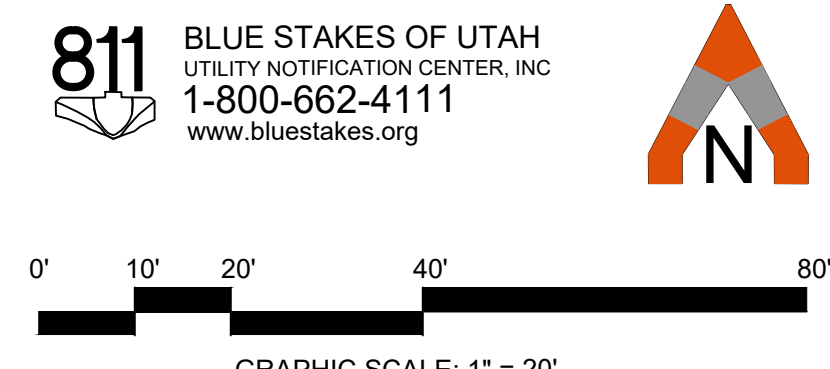
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NO.	REVISION	DATE
1	XXXX	XX-XX-XX
2		
3		
4		
5		
6		
7		

811 BLUE STAKES OF UTAH
 UTILITY NOTIFICATION CENTER, INC.
 1-800-662-4111
 www.bluestakes.org



CHALLENGER PALLETS
 1175 WEST 2150 NORTH
 OGDEN, UTAH


DEVELOPER / PROPERTY OWNER / CLIENT
 Developer / Property Owner:

CLIENT / ENGINEER:
 SILVERPEAK ENGINEERING
 177 E. ANTELOPE DR., STE B
 LAYTON, UT 84041
 (801)499-5054

LANDSCAPE ARCHITECT / PLANNER

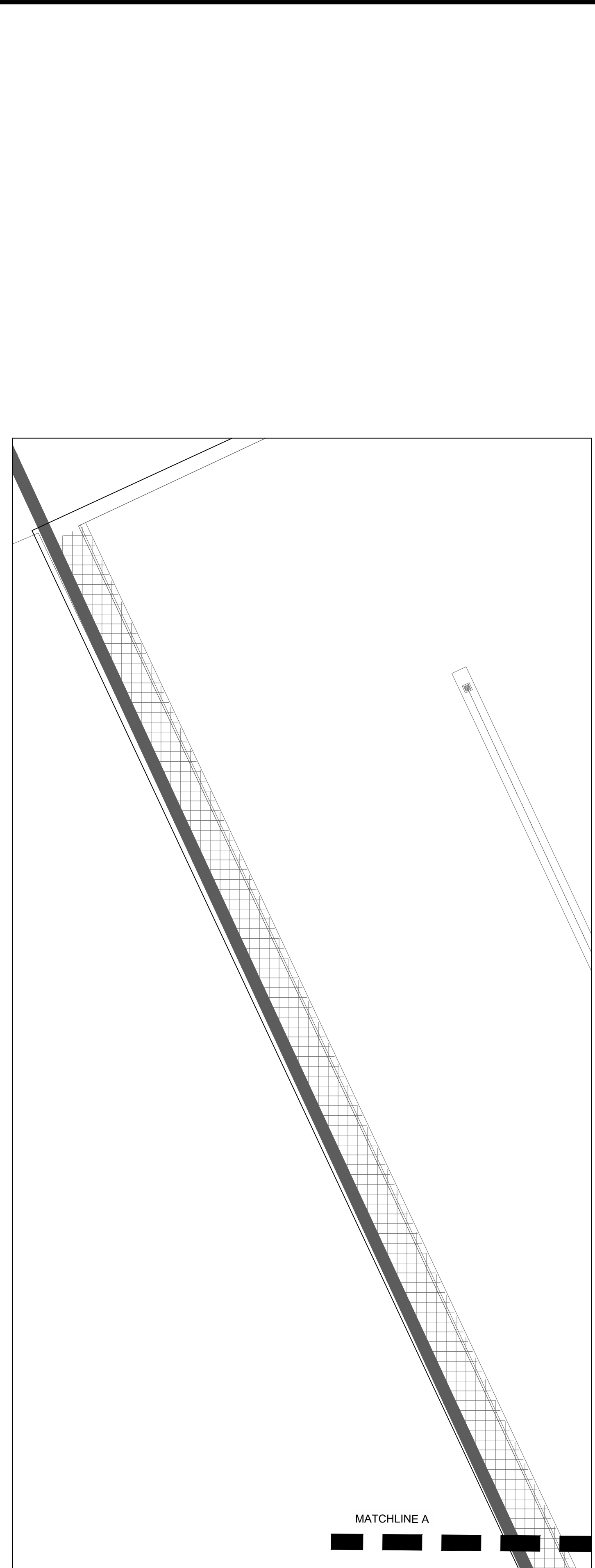
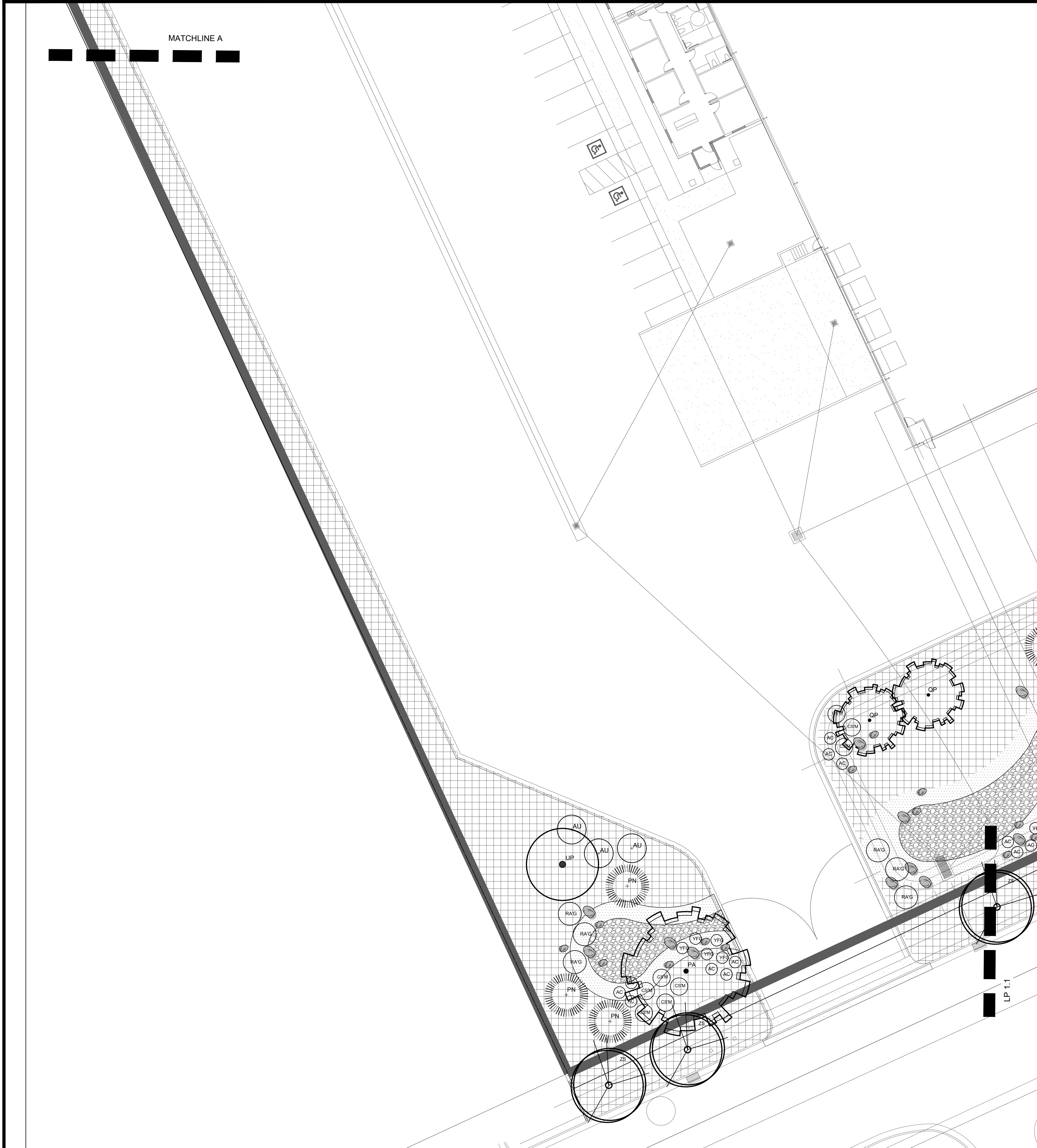
 PKJ DESIGN GROUP L.L.C.
 3450 N. TRIUMPH BLVD, SUITE 102
 LEHI, UTAH 84043 (801) 960-2698
 www.pkjdesigngroup.com

LICENSE STAMP



PM: JTA
 DRAWN: KBA
 CHECKED: TM
 PLOT DATE: 10/22/2019

LANDSCAPE PLAN
 PRELIMINARY PLANS NOT
 FOR CONSTRUCTION
LP-1.1



TREE LEGEND (TOTAL PLANT COUNT)

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PA	PLATANUS X ACERFOLIA	LONDON PLANETREE	4	2" CAL	MODERATE	
ZS	ZELKOVA SERRATA	JAPANESE ZELKOVA	12	2" CAL	MODERATE	STREET TREES
AU	AMELANCHIER UTAHENSIS	UTAH SERVICEBERRY	11	1.5" CAL	LOW	

SHRUB LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	HYDROZONE	SPECIAL NOTES
YFG	YUCCA BAILEYI	NAVAJO YUCCA	25	2 GAL	LOW	
C'SM	CYTISUS SCOPARIUS 'MOONLIGHT'	MOONLIGHT SCOTCH BROOM	27	5 GAL.	LOW	
RAV	RHUS TRILOBATA 'AUTUMN AMBER'	THREE LEAF SUMAC	20	5 GAL.	LOW	
AC	ARCTOSTAPHYLOS X COLORADOENSIS	PANCHITO MANZANITA	43	5 GAL	LOW	

SITE MATERIALS

SYMBOL	SITE MATERIAL	QUANTITY	SPECIAL NOTES
	SANDSTONE BOULDERS 3-5' SIZE	89	
	2" PARADISE GRAVEL	48,957 SQ.FT. (453 CU.YD)	LOCATED WHERE SPECIFIED
	3'-7" QUIPRRH COBBLE	6,784 SQ.FT. (83 CU.YD)	LOCATED WHERE SPECIFIED
	3/8" LAKESIDE GRAVEL	6,092 SQ.FT. (56.4 CU.YD)	LOCATED WHERE SPECIFIED

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 - 6" MIN. FOUNDATION LEFT EXPOSED AT ALL CONDITIONS
 - LANDSCAPER TO MAINTAIN OR IMPROVE EXISTING FINAL GRADE AND PROPER DRAINAGE ESTABLISHED BY THE EXCAVATOR'S FINAL GRADE ACTIVITIES INCLUDING ANY MAINTENANCE, PRESERVATION, OR EXAGGERATION OF SLOPES, BERMS, AND SWALES.
 - IF ANY SWALE, BERM, OR GRADE HAS BEEN DAMAGED OR IS INCORRECT TO ENSURE CORRECT WATER FLOW THE TRADE CONTRACTOR IS RESPONSIBLE TO FIX STATED ISSUE.
 - ROOF RUN-OFF DEVICES SHOULD BE INSTALLED TO COLLECT AND DISCHARGE ALL ROOF RUNOFF A MINIMUM OF 10 FEET FROM FOUNDATION ELEMENTS OR BEYOND THE LIMITS OF BACKFILL AROUND THE FOUNDATION WALLS, WHICHEVER DISTANCE IS GREATER.
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10-22-2019	UT19084	

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7		

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 1175 WEST 2150 NORTH
 OGDEN, UTAH

DEVELOPER / PROPERTY OWNER / CLIENT
 Developer / Property Owner:

CLIENT / ENGINEER:
 SILVERPEAK ENGINEERING
 177 E. ANTELOPE DR., STE B
 LAYTON, UT 84041
 (801)499-5054

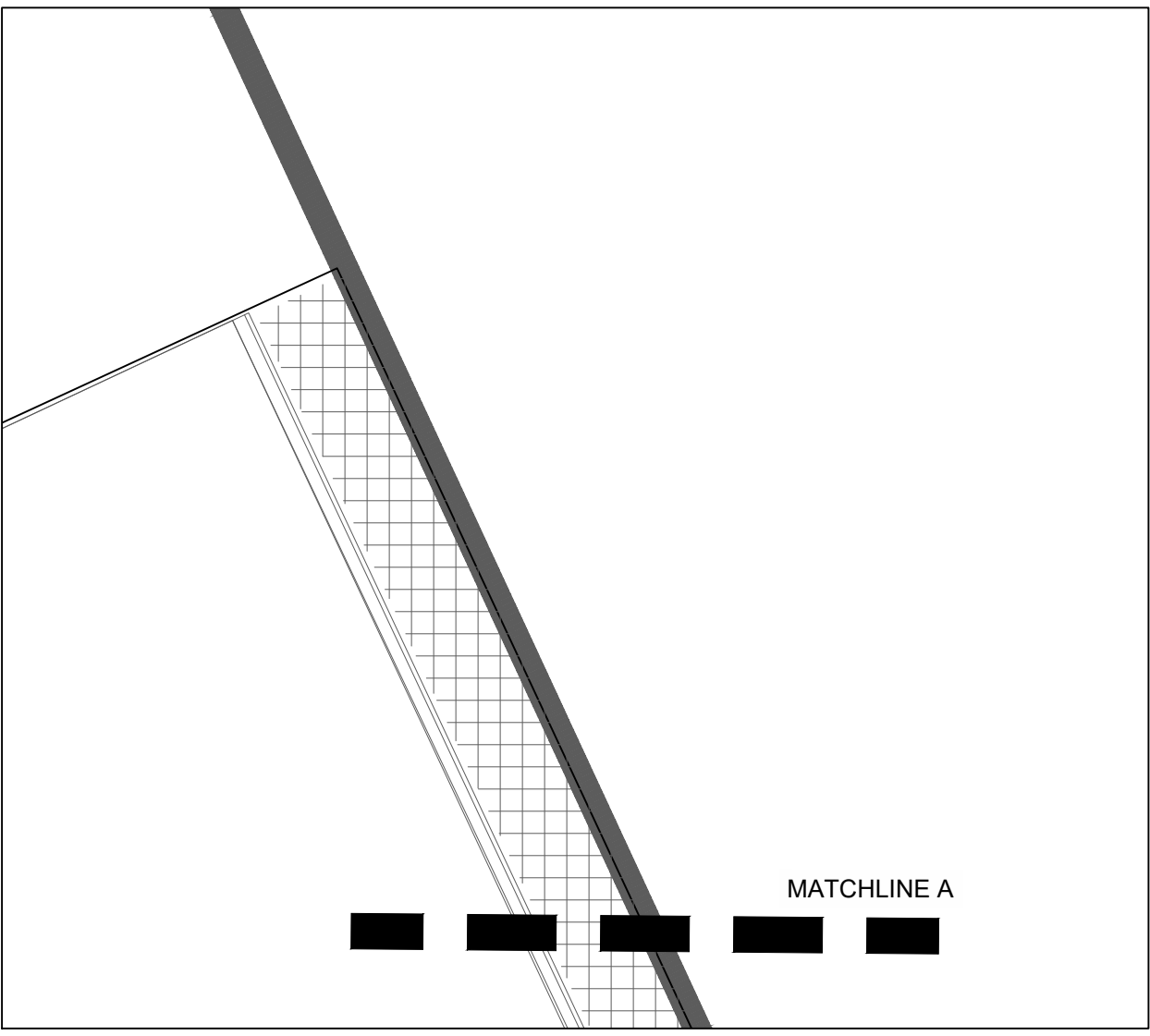
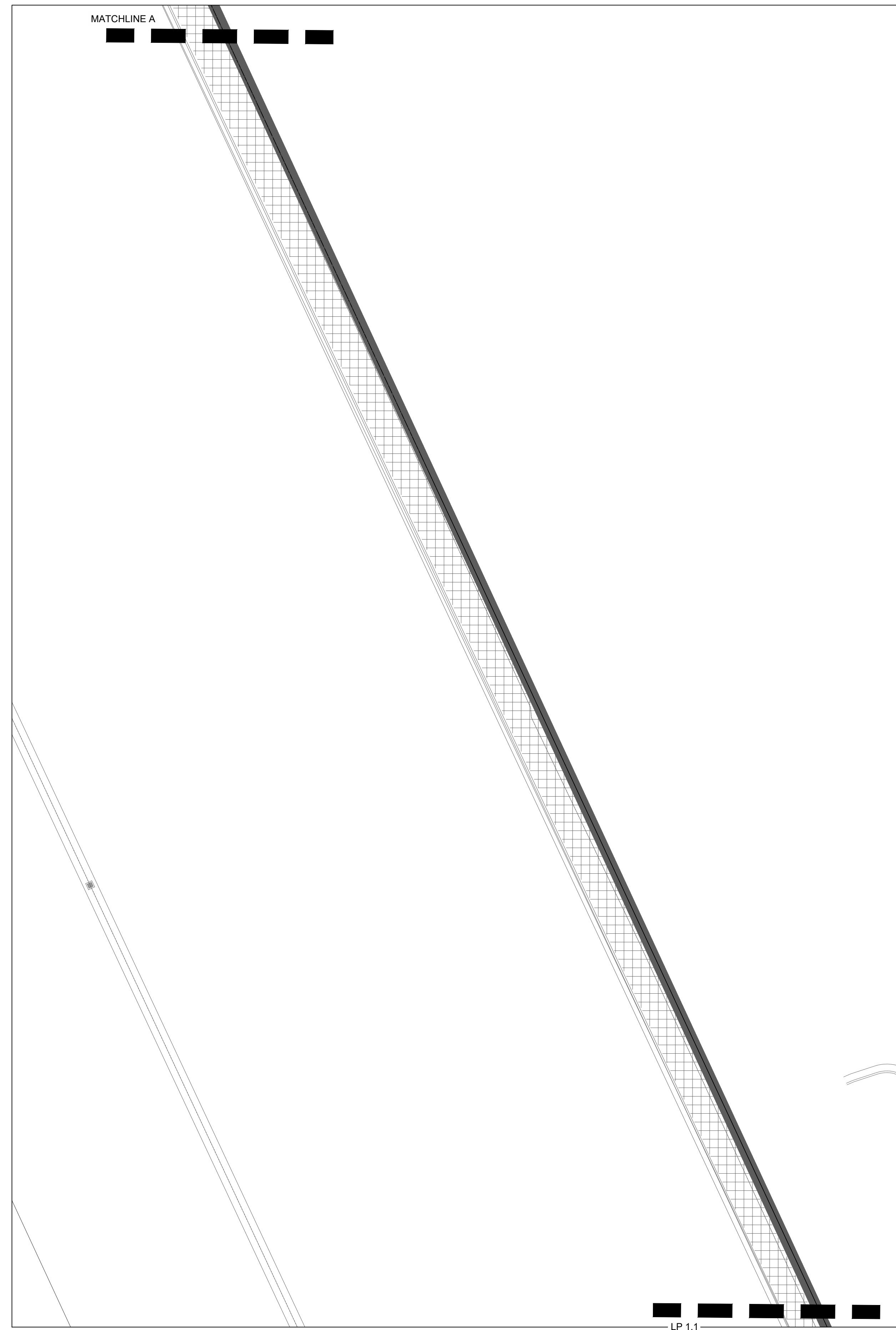
LANDSCAPE ARCHITECT / PLANNER

PKJ DESIGN GROUP L.L.C.
 3450 N. TRIUMPH BLVD, SUITE 102
 LEHI, UTAH 84043 (801) 960-2698
 www.pkjdesigngroup.com

LICENSE STAMP

PM: JTA
 DRAWN: KBA
 CHECKED: TM
 PLOT DATE: 10/22/2019

LANDSCAPE PLAN
PRELIMINARY PLANS NOT FOR CONSTRUCTION
LP-1.2



TREE LEGEND (TOTAL PLANT COUNT)

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	HYDROZONE	SPECIAL NOTES
PN	PINUS NIGRA	AUSTRIAN PINE	10	6' TALL	LOW	
PO	PINUS MONOPHYLLA	SINGLE NEEDLE PINE	3	6' TALL	LOW	
UP	ULMUS PARVIFOLIA	LACELEAF ELM	4	2" CAL	LOW	
QP	QUERCUS MACROCARPA	BUR OAK	7	2" CAL	LOW	
PA	PLATANUS X ACERFOLIA	LONDON PLANETREE	4	2" CAL	MODERATE	
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ISSUE DATE: 10-22-2019 PROJECT NUMBER: UT19084

PLAN INFORMATION

PROJECT INFORMATION

DEVELOPER / PROPERTY OWNER / CLIENT

LANDSCAPE ARCHITECT / PLANNER

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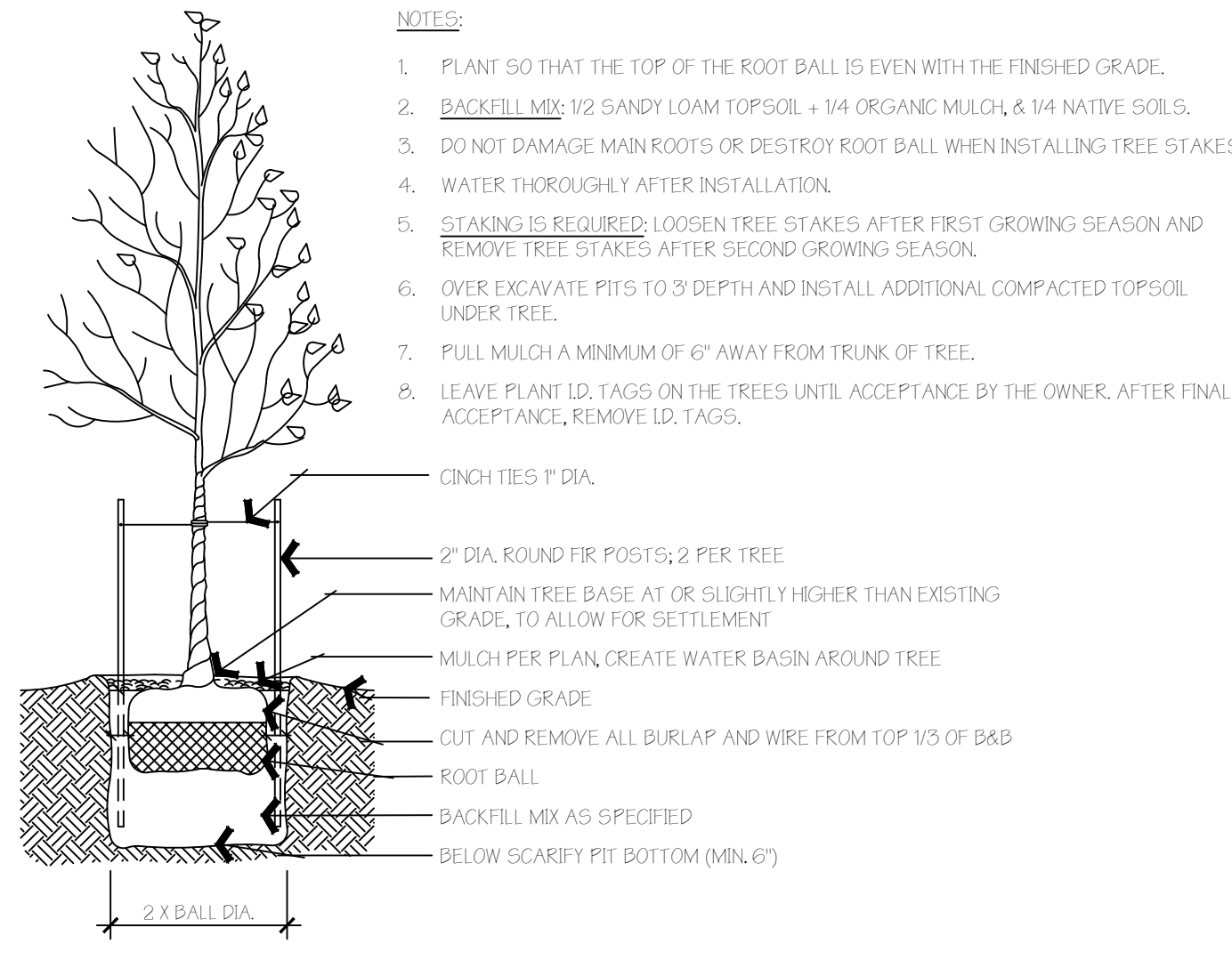
Client / Engineer:

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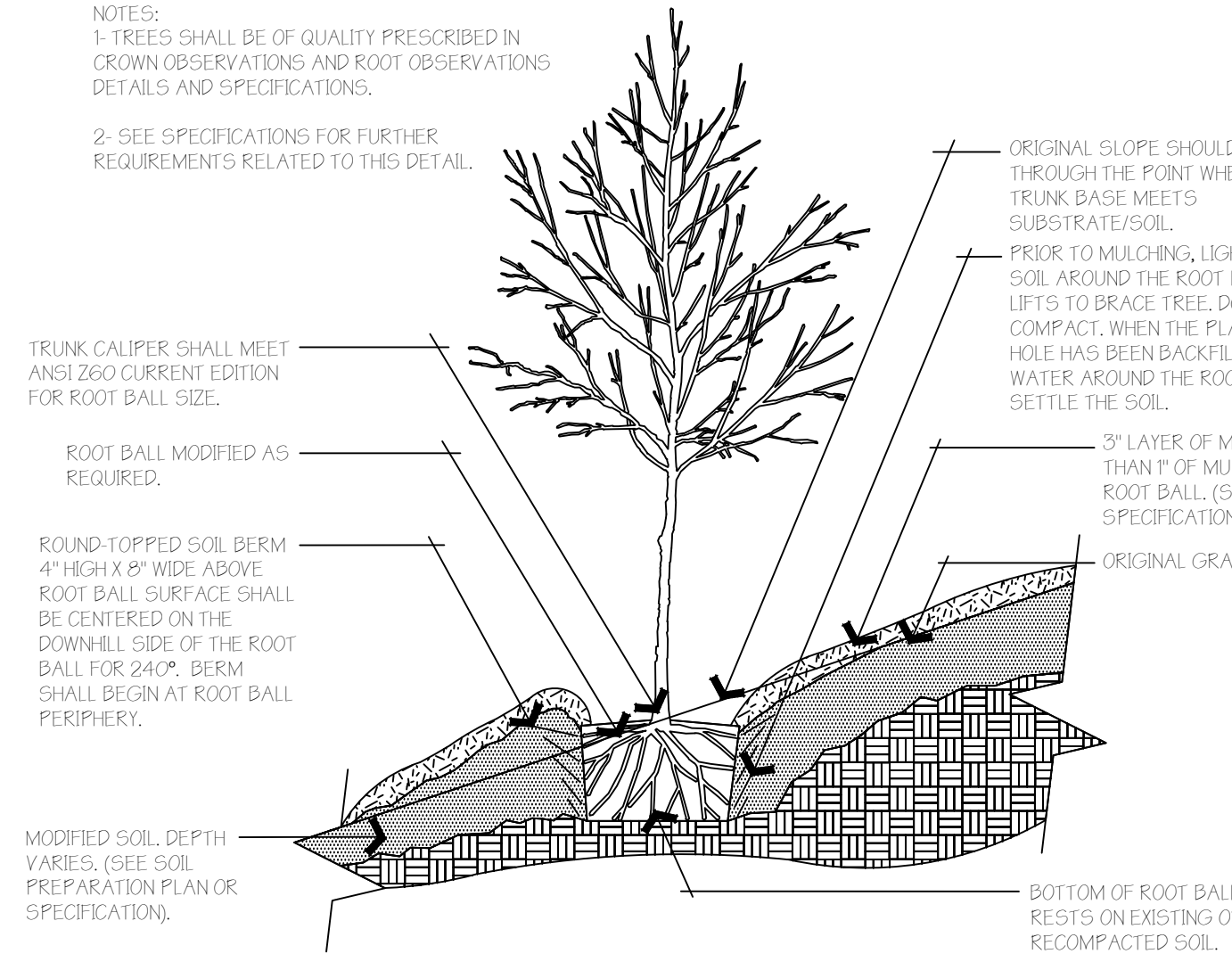
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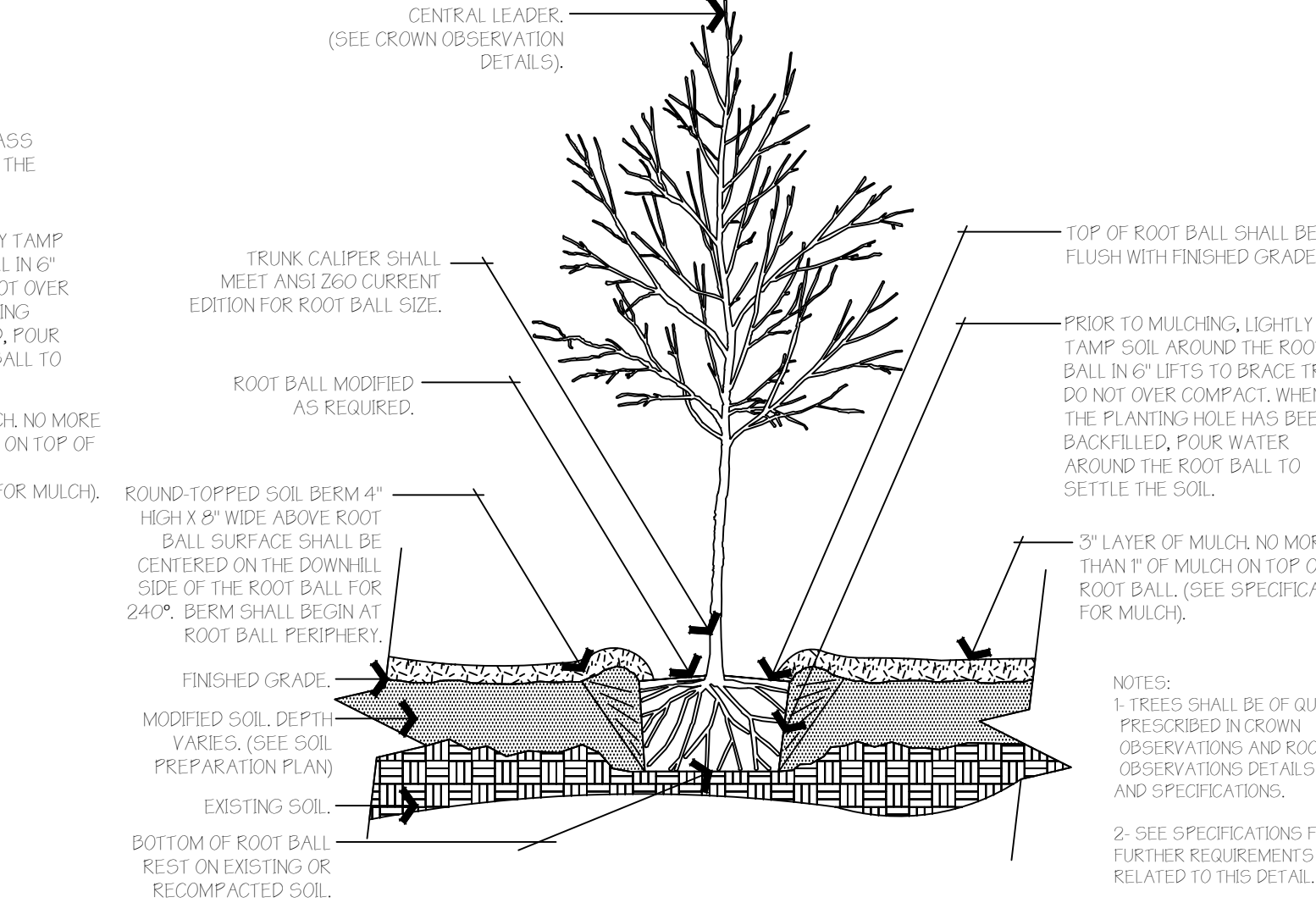
LANDSCAPE PLAN
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LP-1.3



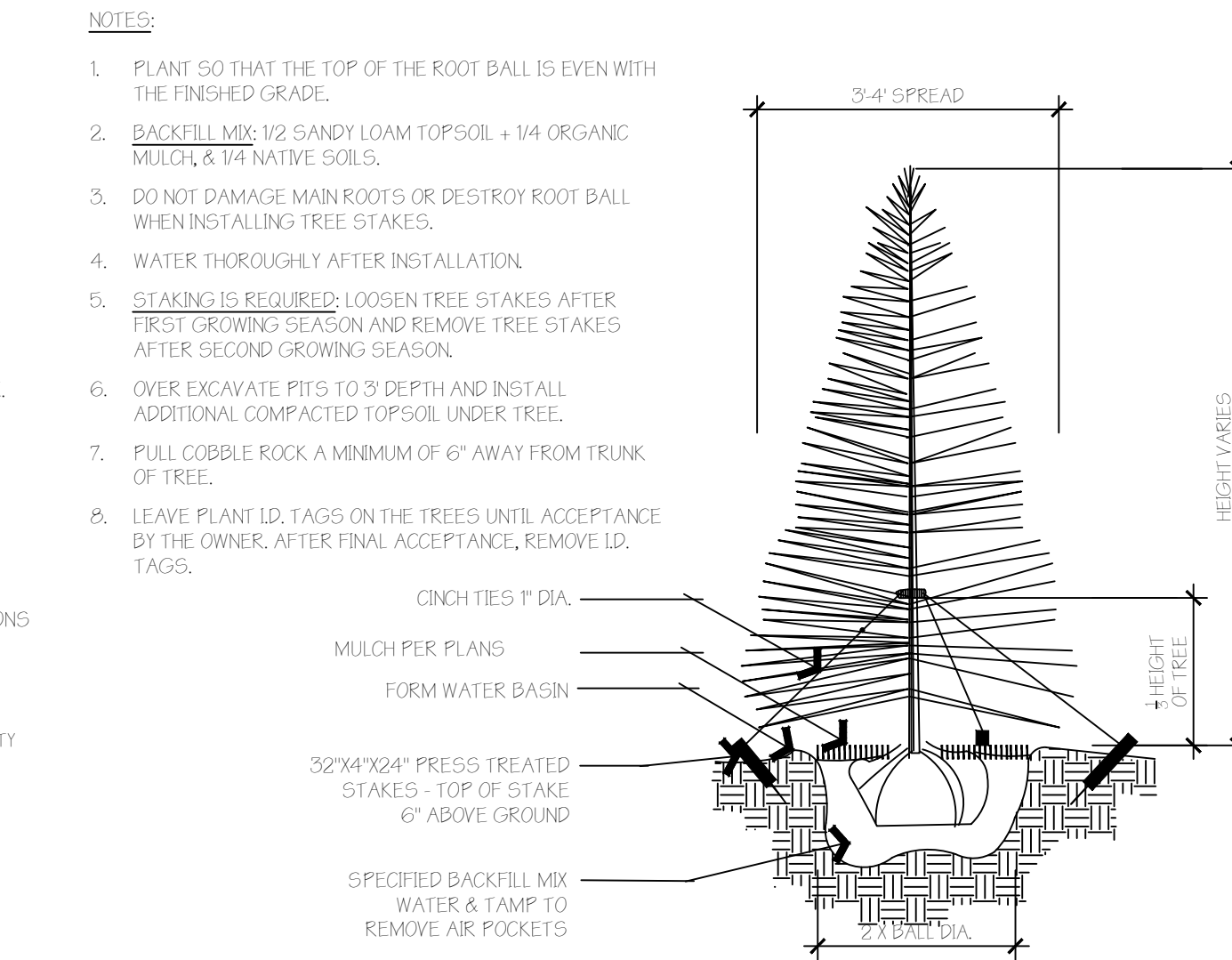
A DECIDUOUS TREE PLANTING DETAIL
NOT TO SCALE PKJ DESIGN GROUP



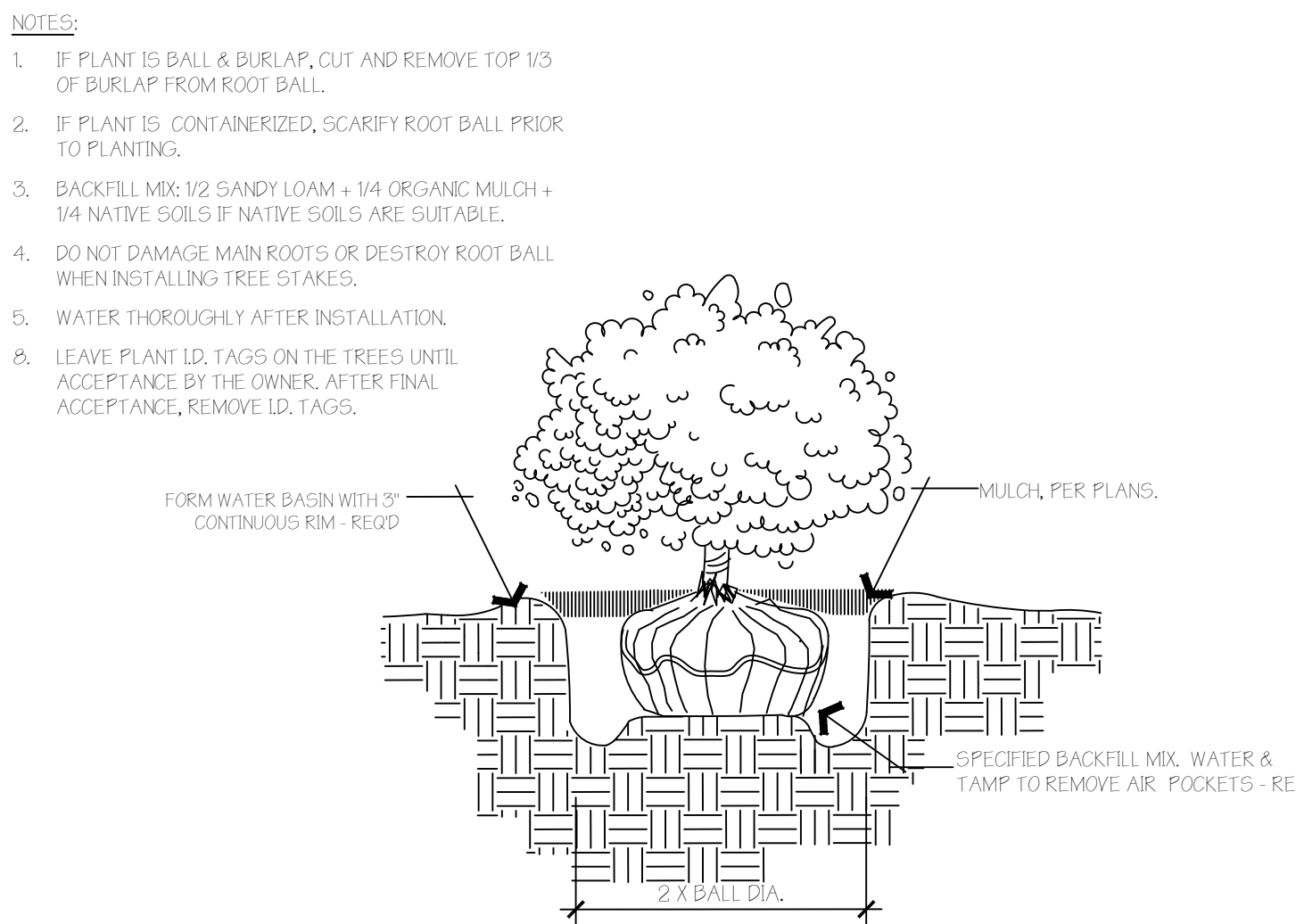
B TREE ON SLOPE 5% (20:1) TO 50% (2:1)
NOT TO SCALE PKJ DESIGN GROUP



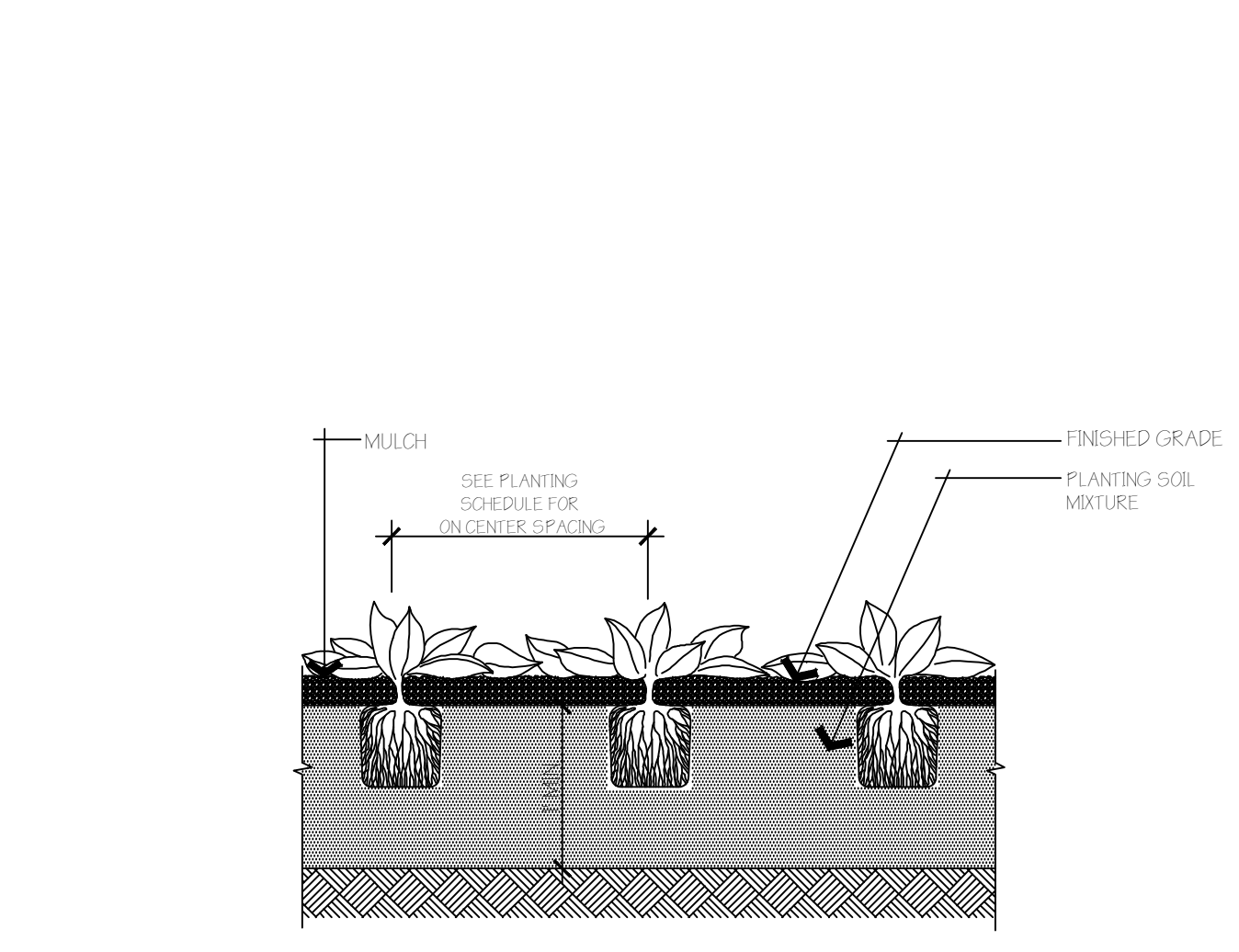
C TREE w/ BERM (EXISTING SOIL MODIFIED)
NOT TO SCALE PKJ DESIGN GROUP



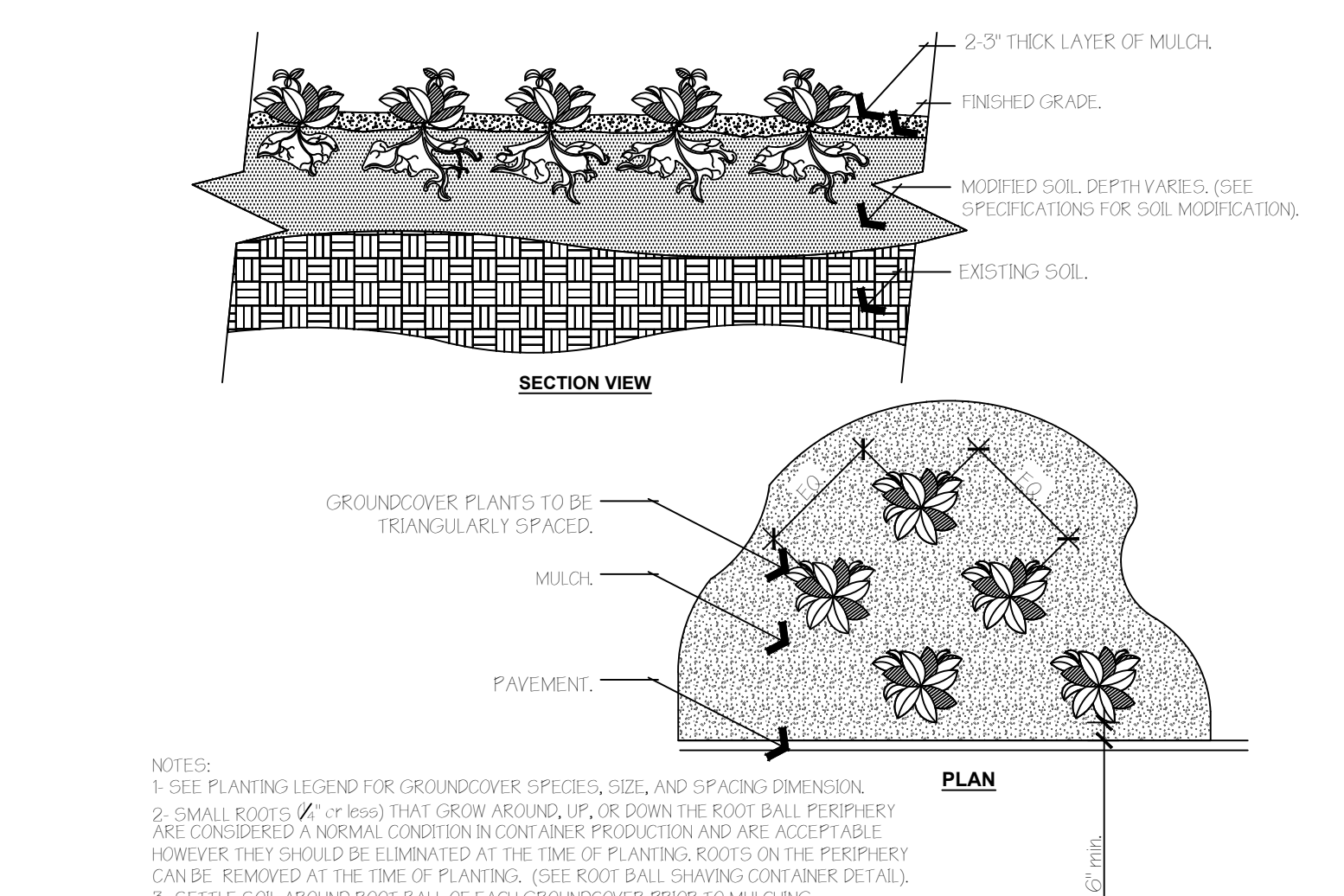
D EVERGREEN TREE PLANTING DETAIL
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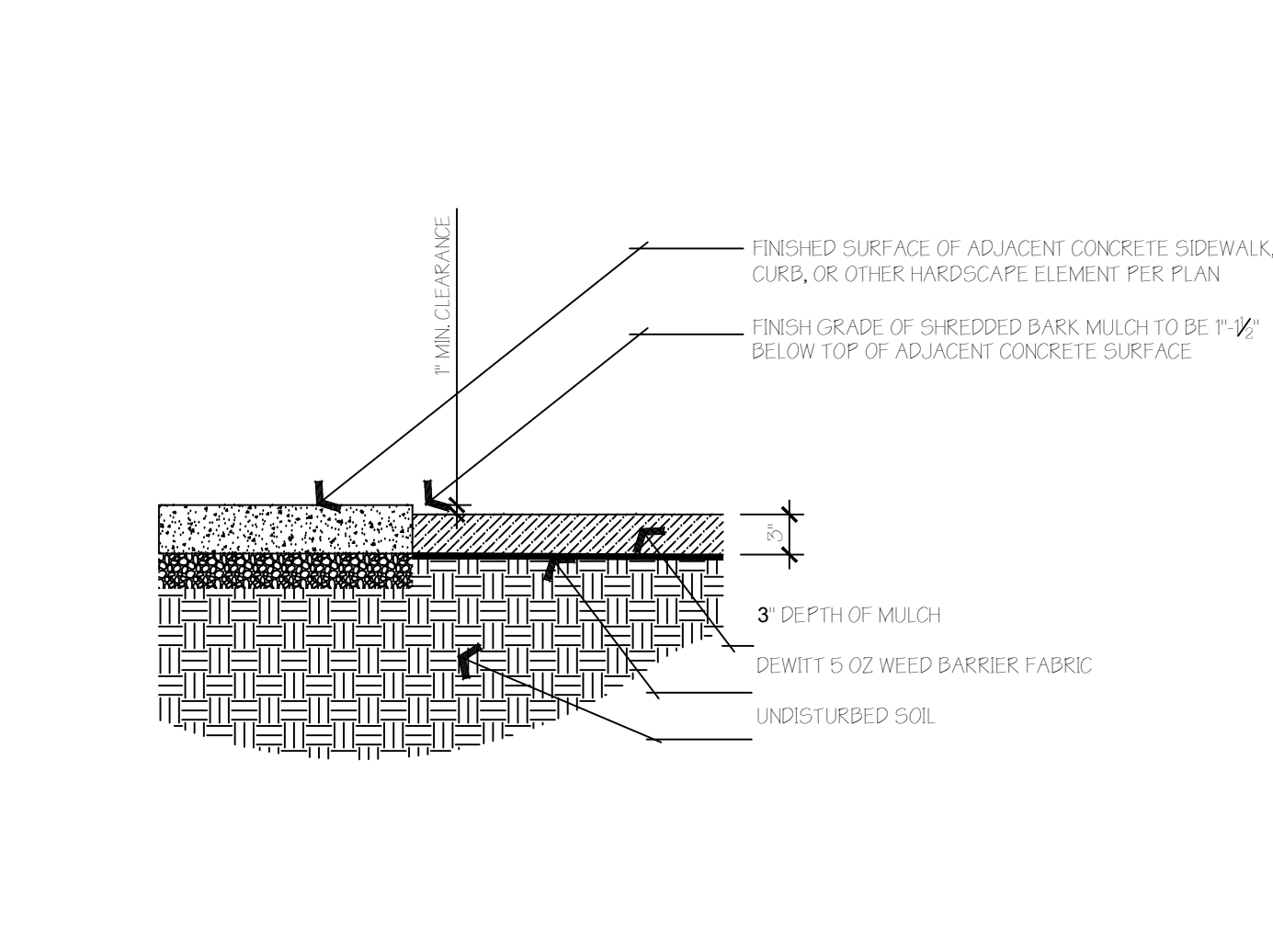
E SHRUB PLANTING DETAIL
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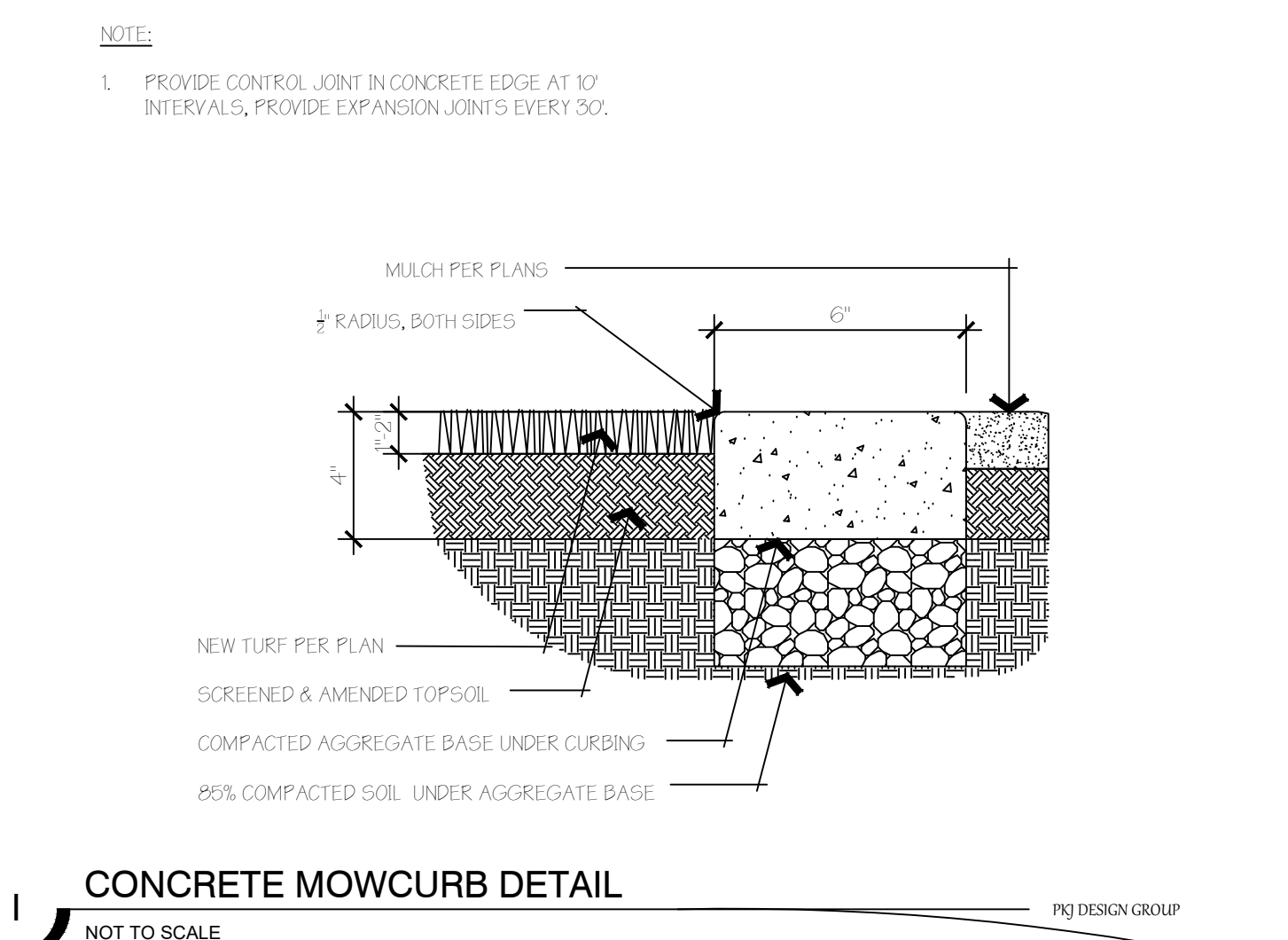
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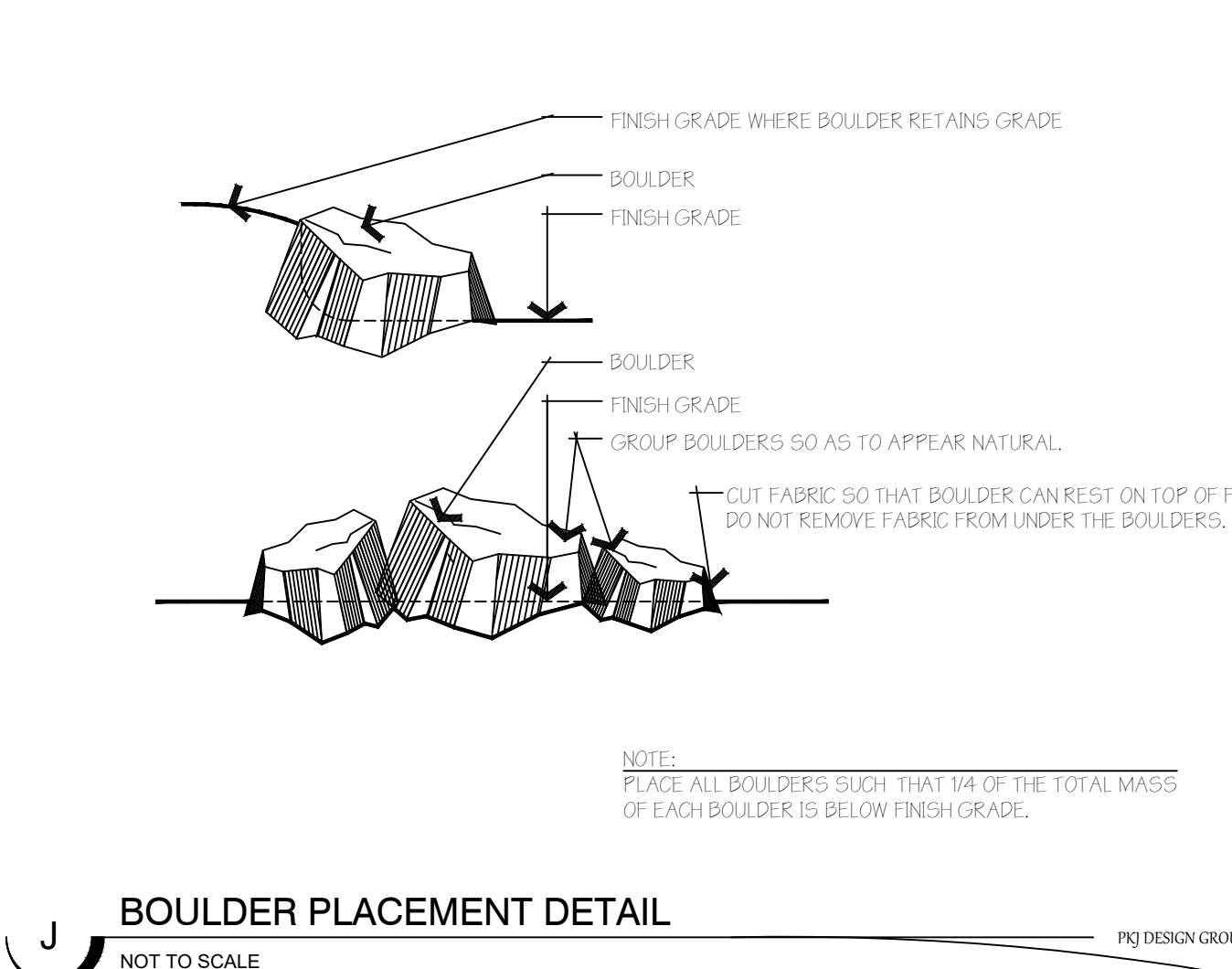
G GROUNDCOVER
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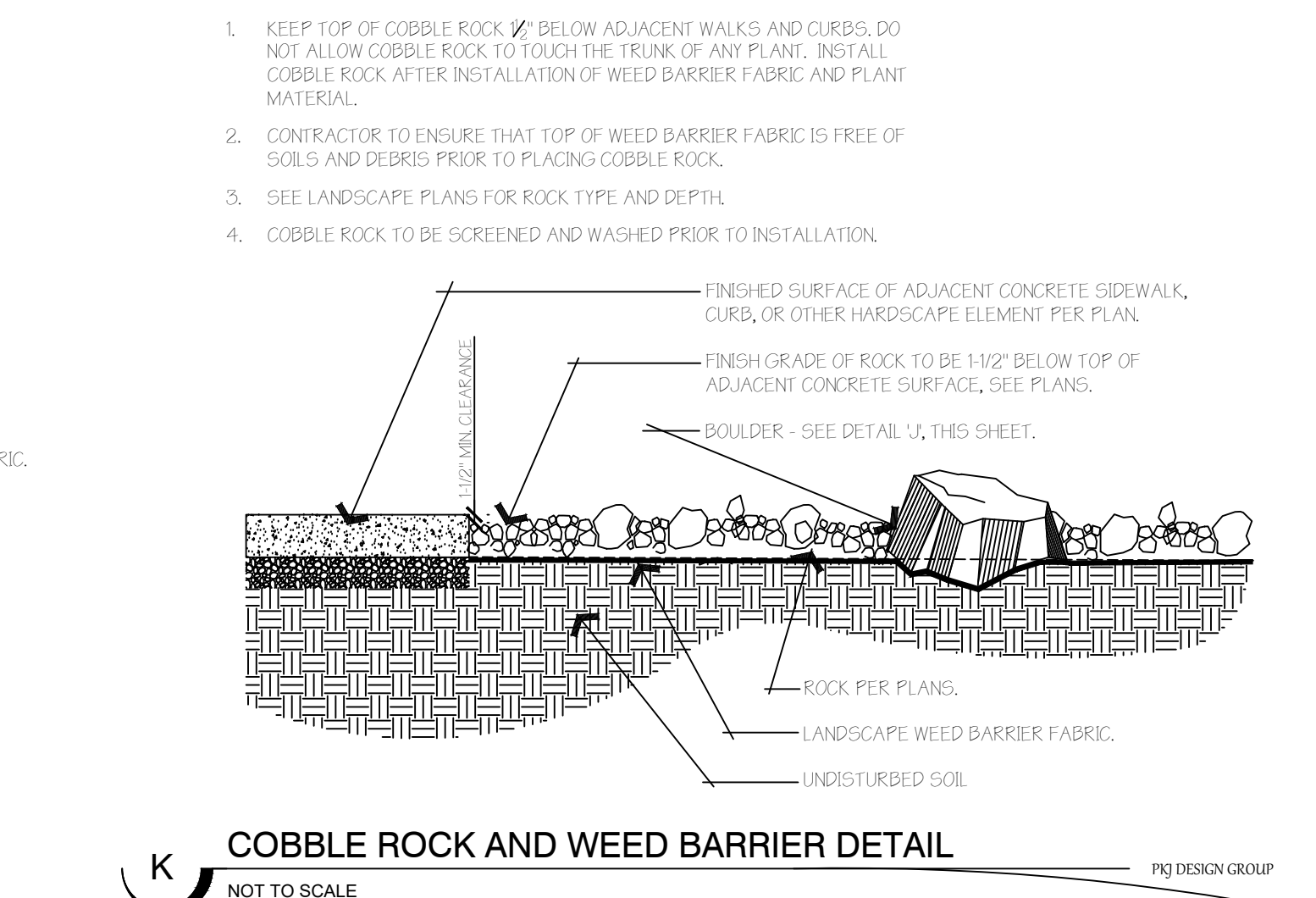
H MULCH DETAIL
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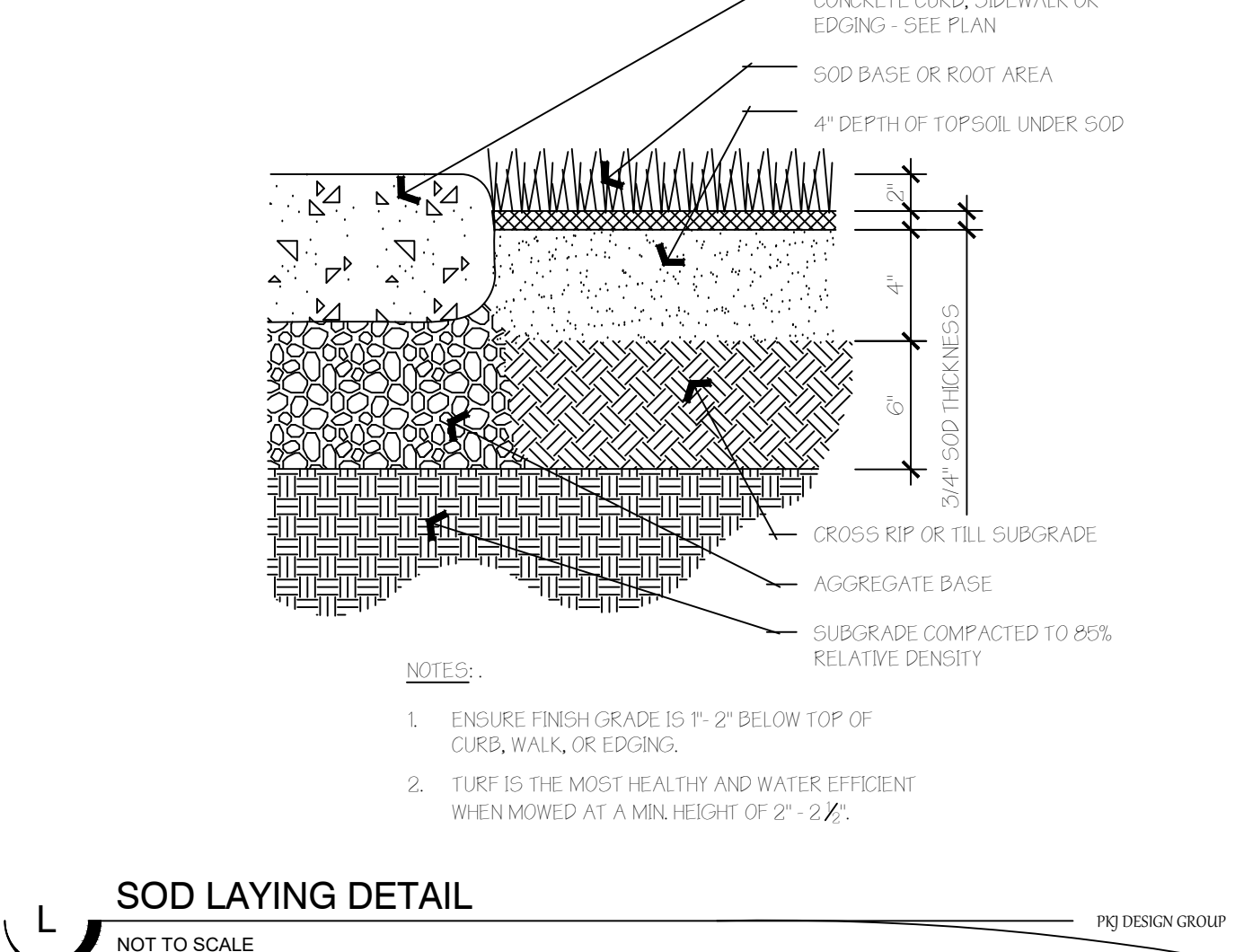
I CONCRETE MOWCURE DETAIL
NOT TO SCALE PKJ DESIGN GROUP



J BOULDER PLACEMENT DETAIL
NOT TO SCALE PKJ DESIGN GROUP



K COBBLE ROCK AND WEED BARRIER DETAIL
NOT TO SCALE PKJ DESIGN GROUP



L SOD LAYING DETAIL
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