

TRW BUILDING AUC-1
SITE PLAN

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

AMENDMENTS:

3 Amendment 5: Comment Responses
6.27.2024

Planning
Landscape Architecture
110 West Colfax
Denver, Colorado 80204
Fax: 303.992.1186
Phone: 303.992.1166

PROJECT NO. 01109.00

TRW

TRW Building AUC-1
ALAMEDA AND RICHFIELD
AURORA, COLORADO
Shea Properties

PRINT RECORD
PURPOSE: SP SUBMITTAL
DATE: 5-11-01
2ND SUBMISSION: 6-25-01
3RD SUBMISSION: 7-17-01
4TH SUBMISSION: 9-10-01
5TH SUBMISSION: 10-2-01

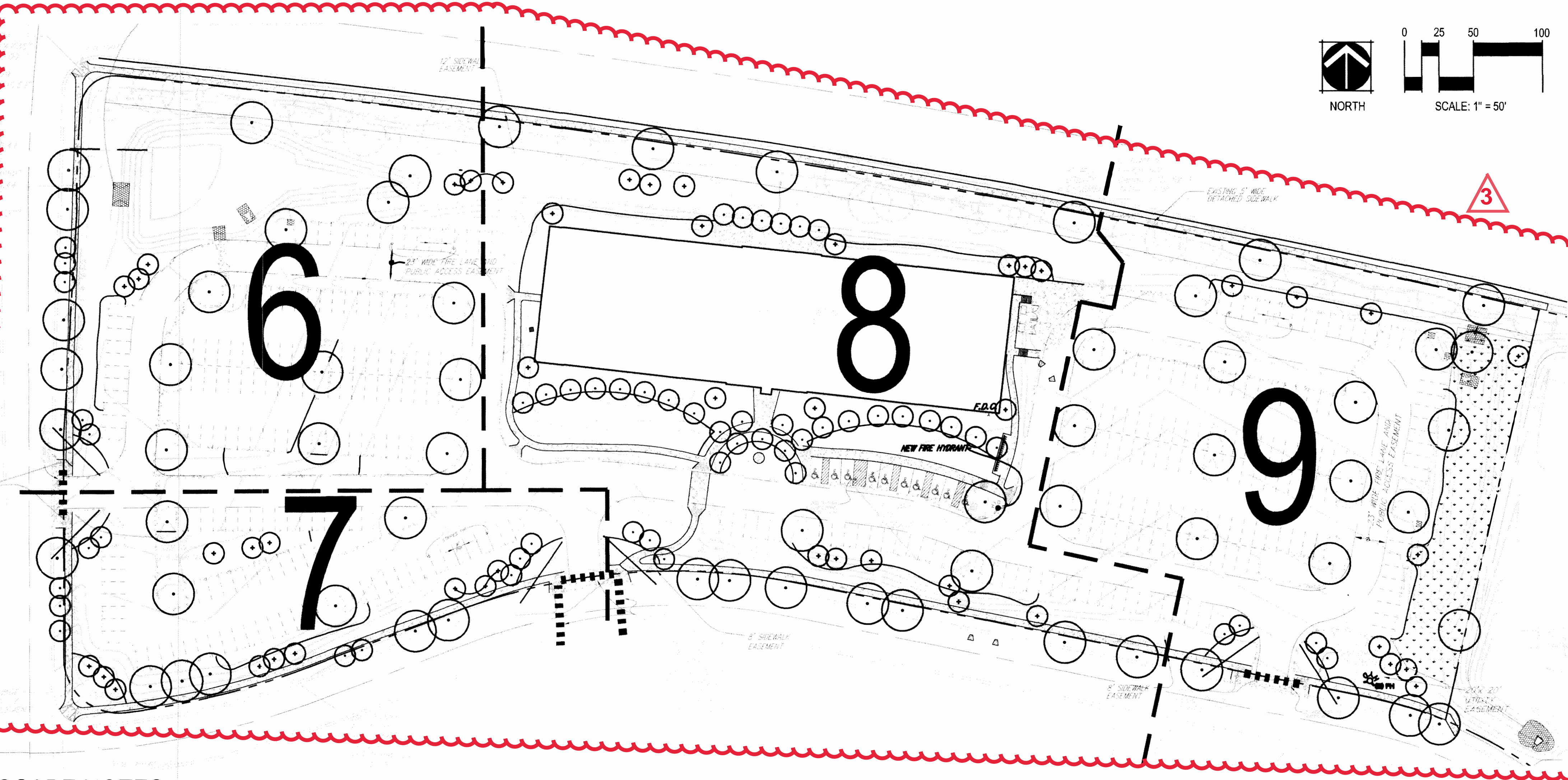
REVISION RECORD
NO. CHANGE DATE
1 PER AURORA 6-25-01
2 PER AURORA 7-17-01
3 PER AURORA 9-10-01
4 PER AURORA 10-2-01

DRAWN: BILLAR AND
CHECKED: JE
DATE: 10-2-01
SHEET TITLE

M+O+A
ARCHITECTURAL PARTNERSHIP
INTERIOR DESIGN
PLANNING
1900 WAZEE STREET, SUITE 100, DENVER, COLORADO 80202 (303) 308-1190

SHEET
4
OF
16
TOTAL
16

OVERALL DRAWING



BUILDING PERIMETER LANDSCAPE

SITE LANDSCAPE AREA	BUILDING LANDSCAPE REQUIRED	BUILDING LANDSCAPE PROVIDED
169,364 S.F.	4234 S.F.	16,330 S.F.

STREET TREE REQUIREMENT

STREET	REQUIREMENT	PROVIDED
ALAMEDA	1 TREE/40 L.F.	45 TREES/1080 L.F. 1 TREE/24 L.F.
RICHFIELD	1 TREE/40 L.F.	20 TREES/488 L.F. 1 TREE/24 L.F.
EXPOSITION	1 TREE/40 L.F.	44 TREES/1098 L.F. 1 TREE/25 L.F.

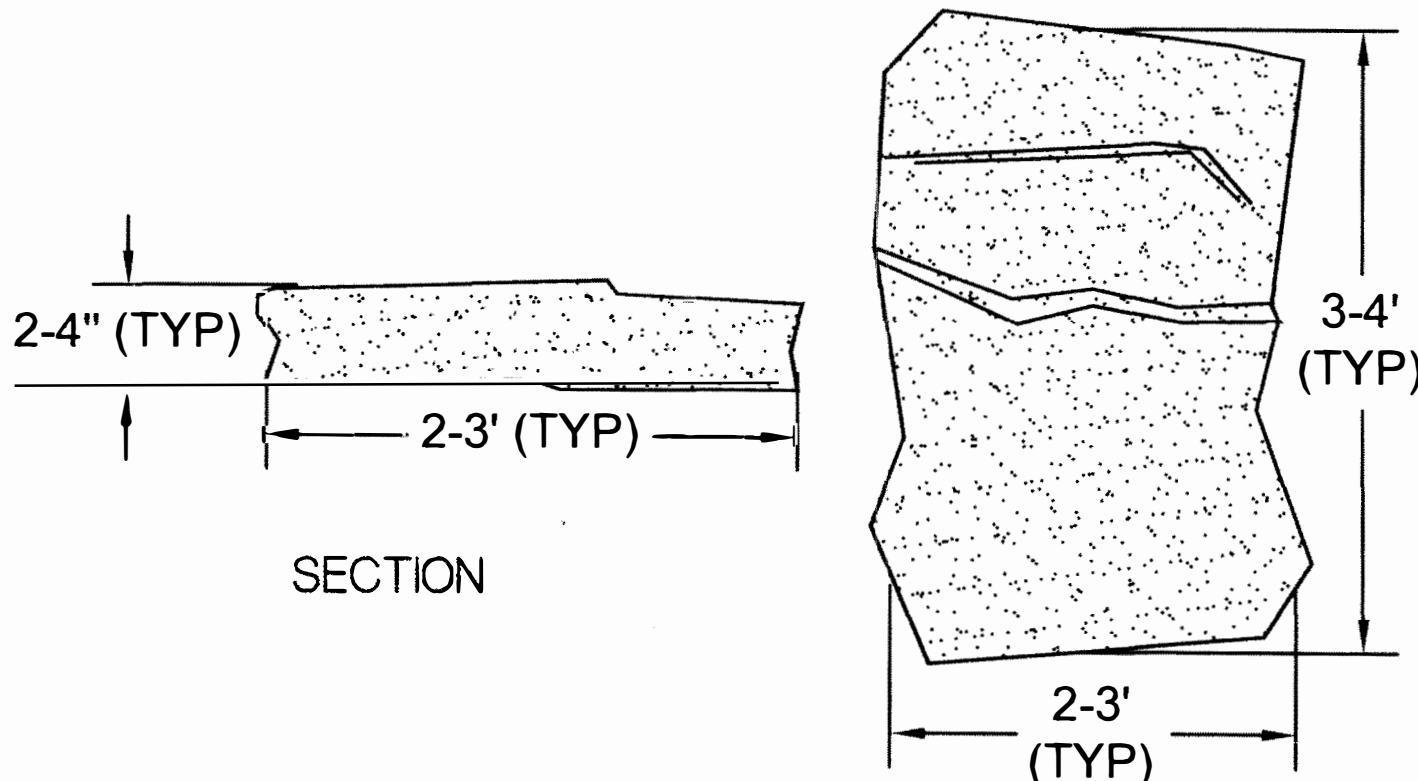
BUFFER/TREE REQUIREMENTS

STREET	BUFFER LENGTH	REQUIRED TREES	PROVIDED TREES
ALAMEDA	1055 L.F.	26 TREES/1055 L.F.	34 TREES
RICHFIELD	470 L.F.	12 TREES/470 L.F.	13 TREES
EXPOSITION	1012 L.F.	25 TREES/1012 L.F.	35 TREES

DETENTION/RETENTION POND VEGETATION

POND LOCATION	POND AREA SF	*TREES REQ. @1/4000 SF	* SHRUBS REQ. @10/4000 SF	* TREES PROVIDED	* SHRUBS PROVIDED
NORTH/WEST	16,100 SF	4	40	5	30
EAST	18,000 SF	5	50	4	60

SANDSTONE STEPPER DETAIL



LANDSCAPE NOTES

- SEE SPECIFICATIONS FOR SOIL PREPARATION. TURF AREAS ARE TO RECEIVE 10 POUNDS OF TRIPLE SUPER PHOSPHATE PER 1000 SF OF LAWN AREA.
- SOIL AMENDMENT SHALL BE SPECIFIED COMPOST AS FOLLOWS:
A TOTALLY ORGANIC PRODUCT THAT HAS BEEN AEROBICALLY AND NATURALLY PROCESSED WITHOUT THE ADDITION OF COARSE WOOD CHIPS, IN SUCH A MANNER AS TO MAINTAIN A CONSISTENT TEMPERATURE OF 140 DEGREES FARENHEIT OR GREATER FOR A PERIOD OF TIME SUFFICIENT TO CREATE THE FOLLOWING CHARACTERISTICS, MEASURED BY DRY WEIGHT:
A. COMPOST:
1. MAXIMUM ALLOWABLE ORGANIC MATTER: 60%.
2. ORGANIC MATTER TO NITROGEN RATIO: 25:1 to 30:1.
3. pH: 6.5 TO 7.5 pH.
4. SALTS: 2.0 to 3.0 MMHOS.
5. LESS THAN 1% SOIL, DIRT, OR SAND.
6. MAXIMUM PARTICLE SIZE OF 1/2 INCH DIAMETER.
7. ERADICATION OF ALL HARMFUL WEED SEEDS, PATHOGENS, AND BACTERIA.
8. A NON-OFFENSIVE EARTH SMELL.
B. A-1 ORGANICS- PREMIUM 3
3. ALL PLANTINGS BEDS CONTAINED WITH STEEL EDGER ARE TO BE MULCHED WITH 3" DEPTH, 1 1/2" DIA. MOUNTAIN RIVER ROCK MULCH OVER WEED CONTROL FABRIC.
4. ALL GROUNDCOVER BEDS ARE TO BE MULCHED WITH 3" DEPTH, SHREDDED CEDAR MULCH NO WEED CONTROL FABRIC WILL BE REQUIRED
5. ALL PLANTINGS BEDS ARE TO BE CONTAINED BY 1/8" X 4" INTERLOCKING TYPE STEEL EDGER. EDGER IS NOT REQUIRED WHERE BED IS ADJACENT TO CURBS, WALKS, OR SOLID FENCE. EDGER WILL BE REQUIRED WHEN ADJACENT TO OPEN RAIL FENCE.
6. ALL TREES ARE TO BE STAKED OR GUYED PER DETAILS FOR A PERIOD OF ONE YEAR.
7. ALL LANDSCAPED AREAS ARE REQUIRED TO BE IRRIGATED BY AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. ALL NATIVE SEED AREAS WILL BE IRRIGATED A MINIMUM OF THREE (3) YEARS. AUTOMATIC RAIN SHUT-OFF SENSORS WILL BE INSTALLED AT EACH CONTROLLER. REFER TO PLANS AND SPECIFICATIONS FOR FURTHER INFORMATION REGARDING LANDSCAPE AND IRRIGATION INSTALLATION.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE COST TO REPAIR UTILITIES, ADJACENT LANDSCAPE, PUBLIC AND PRIVATE PROPERTY THAT IS DAMAGED BY THE CONTRACTOR OR BY THEIR SUBCONTRACTOR'S OPERATIONS DURING INSTALLATION OR THE SPECIFIED MAINTENANCE PERIOD. CALL FOR UTILITY LOCATES PRIOR TO ANY EXCAVATION.

- THE CONTRACTOR SHALL REPORT ANY DISCREPANCY IN PLAN VS. FIELD CONDITIONS IMMEDIATELY TO THE LANDSCAPE ARCHITECT, PRIOR TO CONTINUING WITH THE PORTION OF THE WORK IN QUESTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY OF THEIR TRENCHES OR EXCAVATIONS THAT SETTLE.
- THE CONTRACTOR IS EXPECTED TO BE FAMILIAR WITH AND TO FOLLOW THE LANDSCAPE AND IRRIGATION PLANS AND SPECIFICATIONS AS CLOSELY AS POSSIBLE.
- DO NOT DISTURB THE EXISTING PAVING, LIGHTING, LANDSCAPING, OR IRRIGATION THAT EXISTING ADJACENT TO THE SITE UNLESS NOTED ON THE PLANS.
- ALL TREE PITS IN SOD OR NATIVE AREAS ARE TO RECEIVE 1 1/2" DEPTH OF SHREDDED CEDAR MULCH. NO WEED CONTROL FABRIC OR EDGER IS REQUIRED IN THESE AREAS.
- REFER TO THE ENGINEERS PLANS FOR GRADING, SIDE WALK, DRAINAGE, AND RIP-RAP INFORMATION AND LOCATION.
- ALL PERENNIAL, ANNUAL, AND GROUNDCOVER PLANTINGS ARE TO BE EQUALLY SPACED USING TRIANGULAR SPACING. UNLESS SHOWN AS IRREGULAR SPACING, ALL SHRUB PLANTINGS BY SPECIES ARE TO BE EQUALLY SPACED USING THE SPACING TYPE SHOWN ON THE PLAN.
- THE DEVELOPER, HIS SUCCESSORS AND ASSIGNS, SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REPLACEMENT OF ALL LANDSCAPING MATERIALS SHOWN OR INDICATED ON THE APPROVED SITE PLAN OR LANDSCAPE PLAN ON FILE IN THE PLANNING DEPARTMENT. ALL LANDSCAPING WILL BE INSTALLED AS DELINEATED ON THE PLAN, PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.
- ALL SIDEWALKS ARE TO BE CONCRETE.
- ALL UTILITY EASEMENT SHALL REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE ALONG THEIR ENTIRE LENGTH FOR MAINTENANCE EQUIPMENT.
- ALL LANDSCAPED AREAS WILL BE WATERED BY AN AUTOMATIC IRRIGATION SYSTEM. LAWN AREAS WILL BE IRRIGATED WITH SPRAY OR ROTORS, SHRUB BEDS AND TREES WILL BE DRIP IRRIGATED.
- ALL DISTURBED AREAS ADJACENT TO SITE WILL BE RESEEDING AS NEEDED.
- NON EXCLUSIVE SIDEWALK EASEMENTS ARE HEREBY GRANTED TO THE CITY OF AURORA FOR THE PURPOSE OF MAINTAINING, RECONSTRUCTING, CONTROLLING, AND USING SUCH SIDEWALKS TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS, PROVIDED THAT THE CITY SHALL NOT INTERFERE WITH ANY OTHER STRUCTURES OR IMPROVEMENTS.

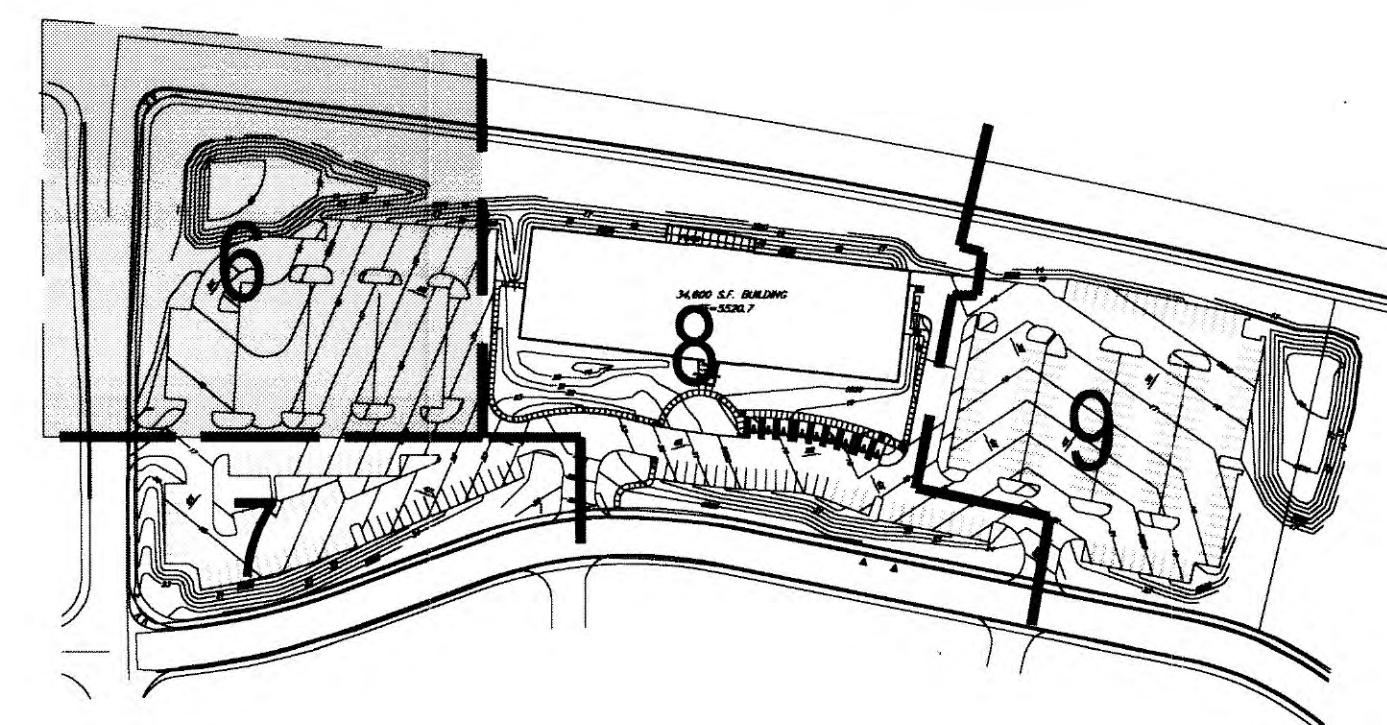
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LEGEND

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- EVERGREEN TREES 6-8' HEIGHT
- ORNAMENTAL TREES 2" CAL.
- EVERGREEN SHRUBS 5 GAL.
- DECIDUOUS SHRUBS 5 GAL.
- ORNAMENTAL GRASSES
- ANNUALS/PERENNIALS
- NON-IRRIGATED
- NATIVE GRASS SEED
- IRRIGATED SOD, 90% FESCUE, 10% BLUEGRASS
- EXISTING DECIDUOUS TREES
- EXISTING EVERGREEN TREES

- EXISTING TREE/SHRUBS TO BE REMOVED & REPLACED
 - REPLACED TREE: 4" CALIPER MINIMUM REFER TO PLANT NOTATION & PLANT LIST FOR REPLACEMENT
 - REPLACED SHRUB: 5 GALLON MINIMUM REFER TO PLANT NOTATION & PLANT LIST FOR REPLACEMENT
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 - DECOMPOSED GRANITE (CRUSHER FINES): 1/2" MINUS, GRAY
 - TURFGRASS - REPLACE WHERE DAMAGED - MATCH EXISTING
 - PROPOSED METAL PICKET FENCE, RE: ARCHITECTURAL DRAWINGS
 - STEEL EDGER
- See Sheet 8A for more details

KEYMAP



PROJECT NO. 01109.00

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AURORA, COLORADO
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DRAWN: BILLARLAND
CHECKED: JE
DATE: 10-2-01

SHEET TITLE: LANDSCAPE PLAN

M+O+A ARCHITECTURAL PARTNERSHIP
INTERIOR DESIGN
PLANNING
ARCHITECTURE
1900 WAZEE STREET, SUITE 100, DENVER, COLORADO 80202 (303) 308-1190

SHEET	OF
6	16
TOTAL	

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NORRIS DULLA
Planning
Landscape Architecture
710 West Colfax
Denver, Colorado 80204
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Phone: 303.892.1166

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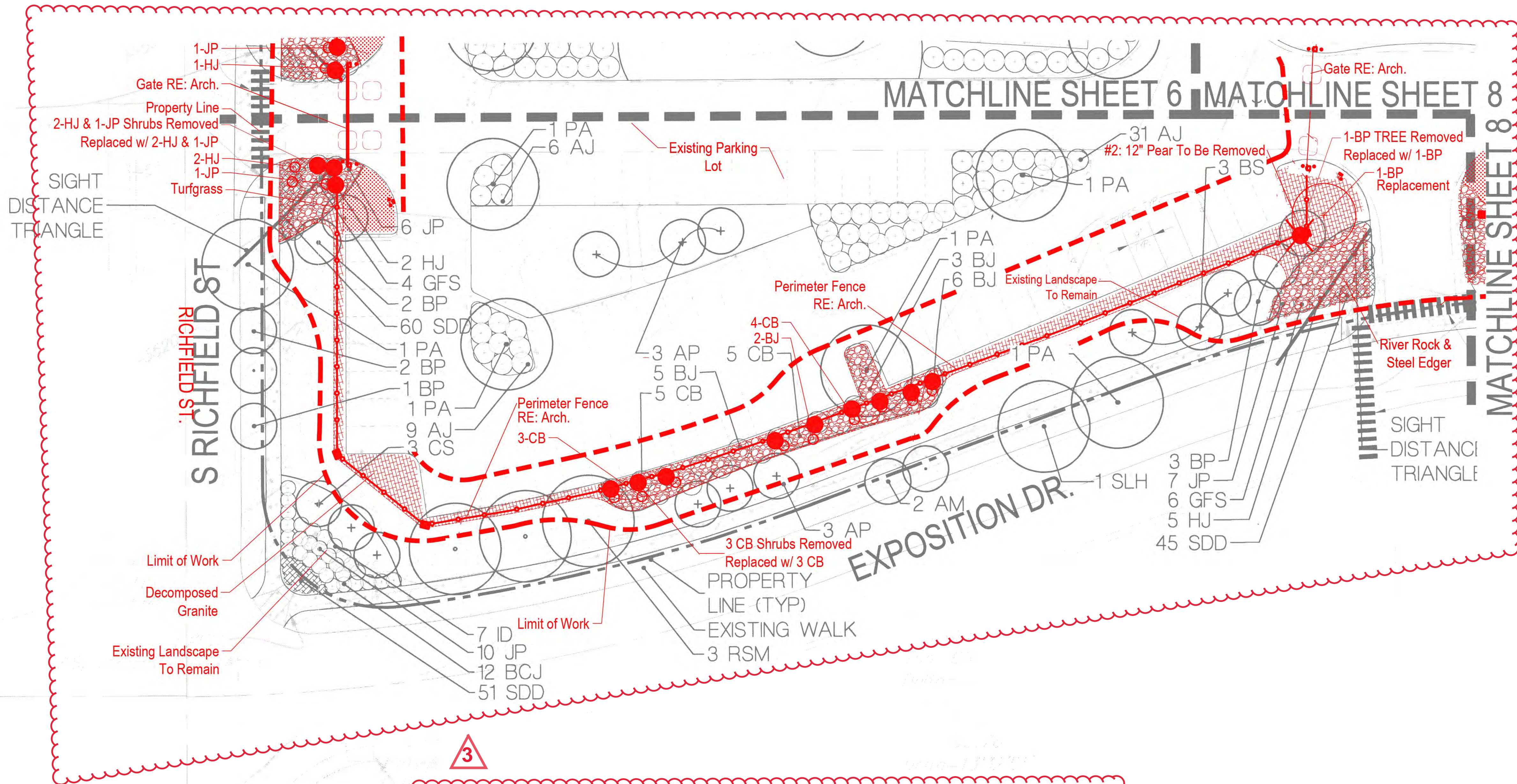
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M+O+A
ARCHITECTURAL PARTNERSHIP
PLANNING
1500 WAZEE STREET, SUITE 100, DENVER, COLORADO 80202 (303) 308-1190
INTERIOR DESIGN

SHEET	OF
7	10
TOTAL	10

TRW BUILDING AUC-1 2001-6037-06

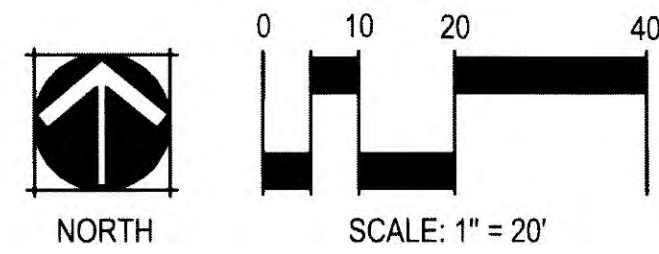


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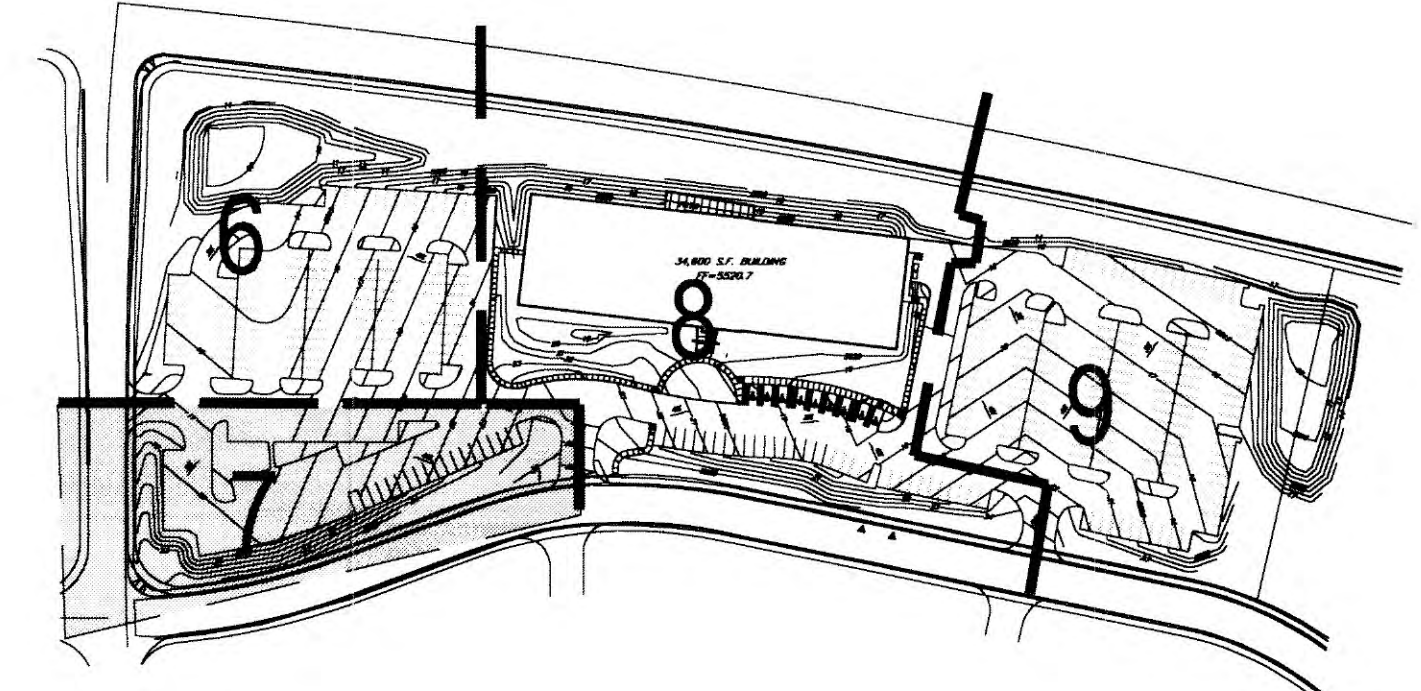
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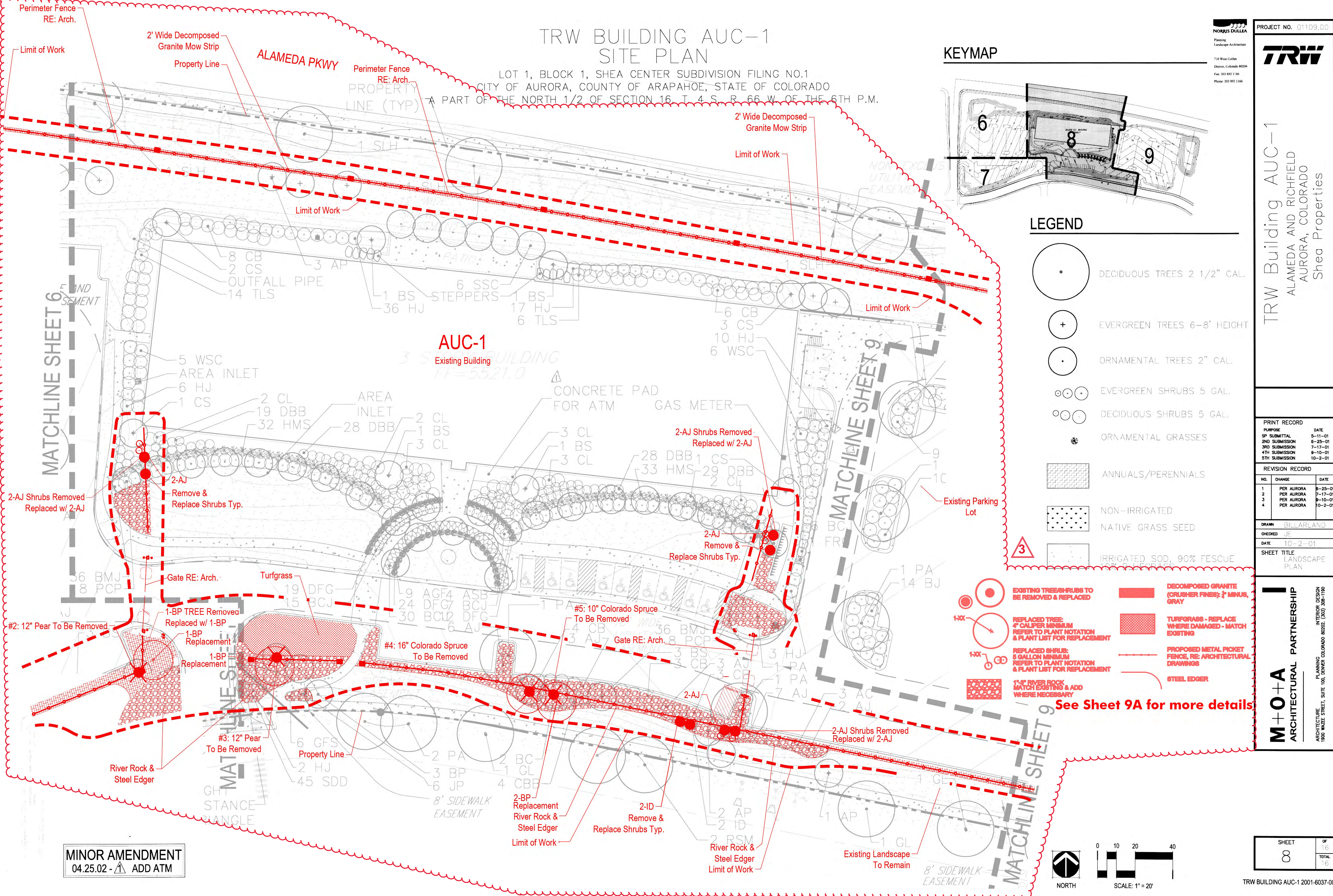
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- STEEL EDGER



KEYMAP

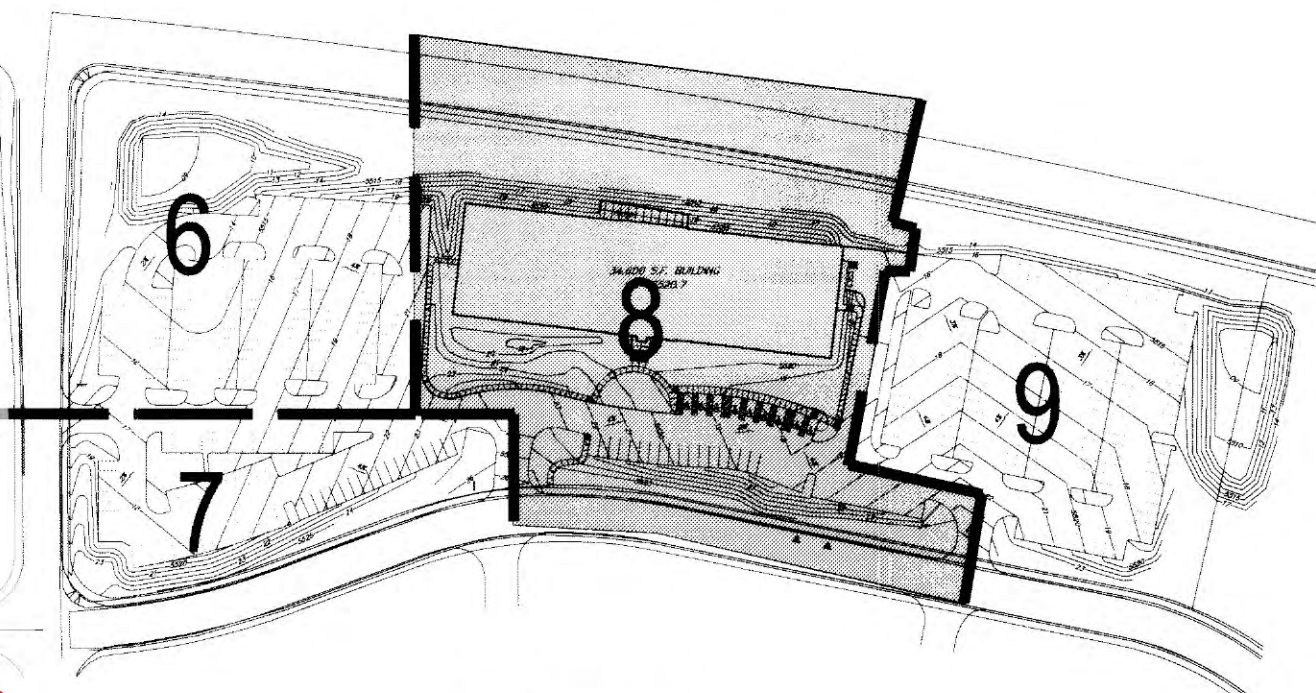




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KEYMAP



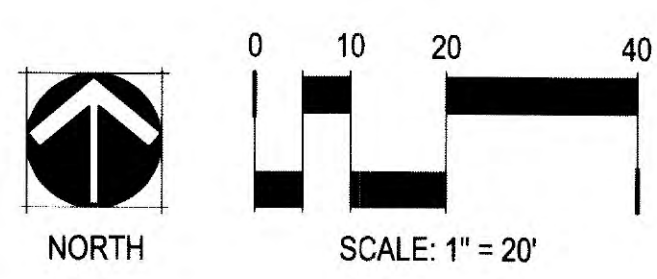
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- DECOMPOSED GRANITE (CRUSHER FINES: 3/4" MINUS, GRAY)
- TURFGRASS - REPLACE WHERE DAMAGED - MATCH EXISTING
- PROPOSED METAL PICKET FENCE, RE: ARCHITECTURAL DRAWINGS
- STEEL EDGER

See Sheet 9A for more details

MINOR AMENDMENT
04.25.02 - 1 ADD ATM



PROJECT NO. 01109.00

TRW

710 West Colfax
Denver, Colorado 80204
Fax: 303.892.1186
Phone: 303.892.1166

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Shea Properties

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SHEET TITLE: LANDSCAPE PLAN

M+O+A
ARCHITECTURAL PARTNERSHIP

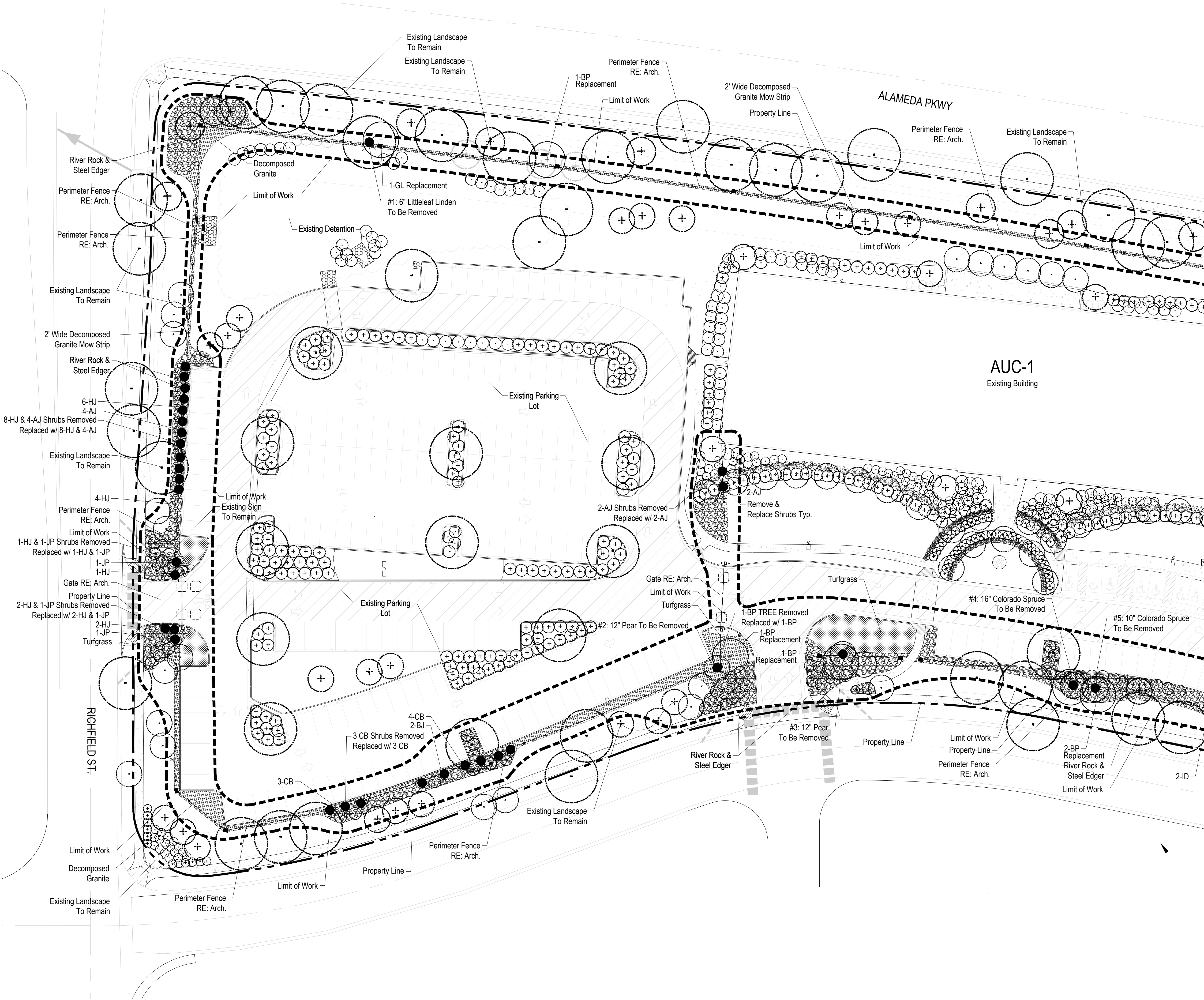
ARCHITECTURE: 1800 WAZEE STREET, SUITE 100, DENVER, COLORADO 80202 (303) 308-1190
PLANNING: INTERIOR DESIGN
INTERIOR DESIGN: 1800 WAZEE STREET, SUITE 100, DENVER, COLORADO 80202 (303) 308-1190

SHEET	OF
8	16
TOTAL	
16	

TRW BUILDING AUC-1 2001-6037-00

TRW BUILDING AUC-1
SITE PLAN

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



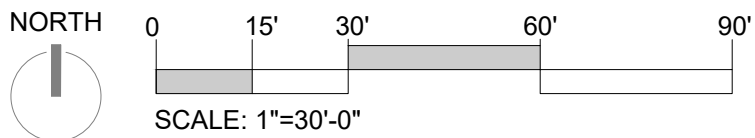
LANDSCAPE LEGEND

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

NOTE: SEE SHEET 12A FOR LANDSCAPE NOTES & DETAILS

AUC-1 REPLACEMENT PLANT LIST

QNTY. TO BE REMOVED	QNTY. TO BE REPLACED	SYM.	COMMON/BOTANICAL NAME	INSTALLED SIZE	COND.
TREES					
7	1	GL	GREENSPIRE LINDEN Tilia cordata 'Greenspire'	4" CAL. SINGLE TRUNK	B & B
	7	BP	BRADFORD PEAR Pyrus Calleryana 'Bradford'	4" CAL. SINGLE TRUNK	B & B
	1	SLH	SKYLINE HONEYLOCUST Gleditsia Tricanthos Inermis 'Skyline'	4" CAL. SINGLE TRUNK	B & B
SHRUBS					
11	11	HJ	HUGHES JUNIPER Juniperus Sabina 'Hughes'	5 GAL.	CONT.
10	10	AJ	ARMSTRONG JUNIPER Juniperus Chinensis 'Armstrong'	5 GAL.	CONT.
4	4	JP	JACKMANS POTENTILLA Potentilla Fruticosa 'Jackmanni'	5 GAL.	CONT.
1	1	GFS	GOLD FLAME SPIREA Spirea Japonica 'Gold Flame'	5 GAL.	CONT.
7	7	CB	COLUMNAR BUCKTHORN Rhamnus Frangula 'Columnaris'	5 GAL.	CONT.
2	2	TLS	THREE LEAF SUMAC Rhus Triloba	5 GAL.	CONT.
2	2	BJ	BUFFALO JUNIPER Juniperus sabinna 'Buffalo'	5 GAL.	CONT.
2	2	ID	ISANTI REDTWIG DOGWOOD Cornus Sericea 'Isanti'	5 GAL.	CONT.



5639 SOUTH CURTICE STREET
LITTLETON, COLORADO 80120
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KC PLAZA
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DAVID P GOODE
ARCHITECTURE

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

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

SUBMITTAL
05.24.2022 PRICING SET

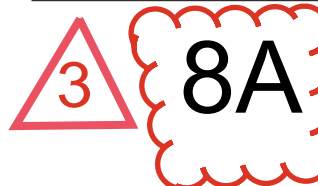
PROJECT TEAM
CONTACT: JF
DRAWN BY: JF
REVIEWED BY: DG
CONSULTANTS
STACK LOT

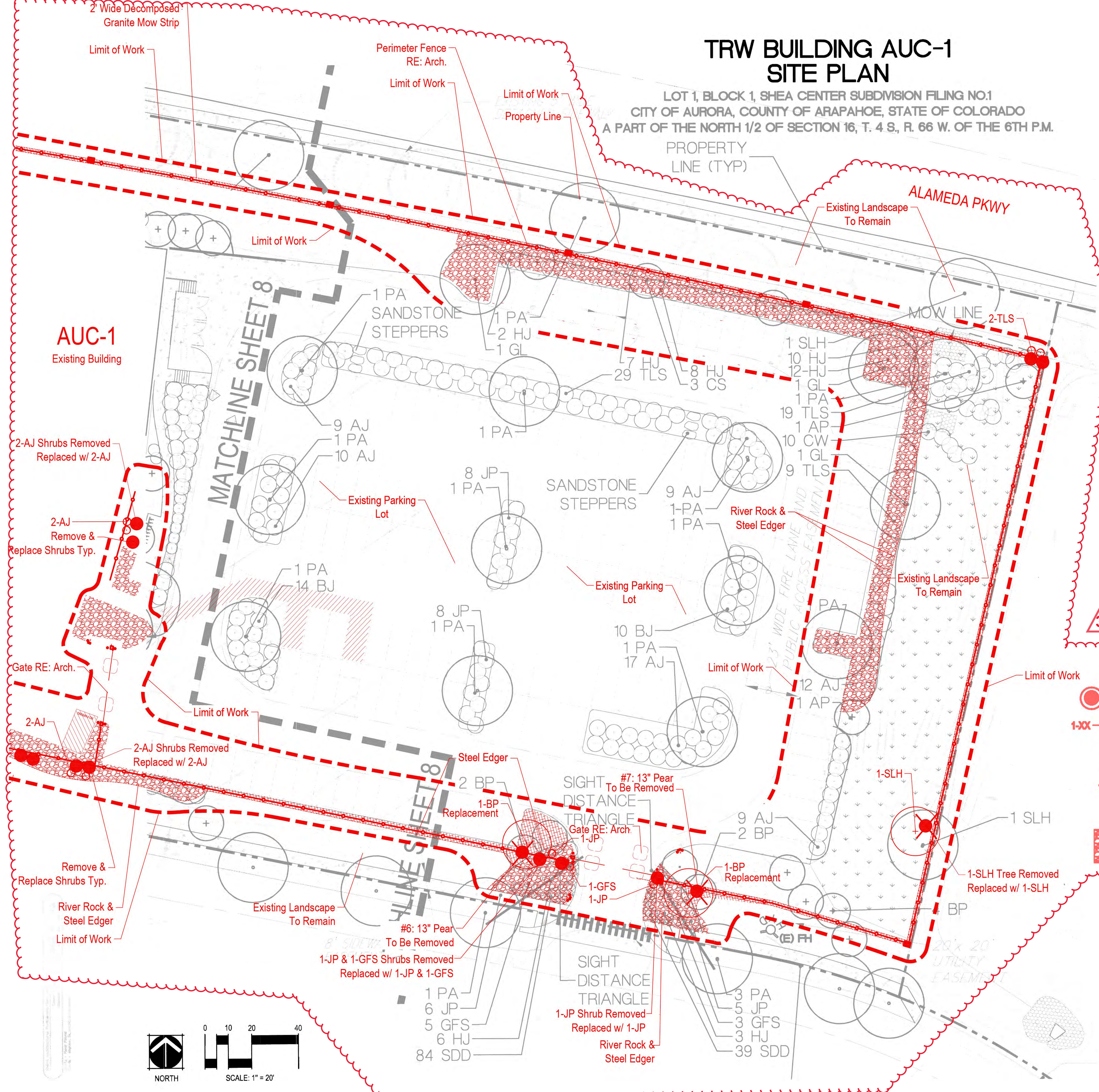
PROJECT DESCRIPTION
PERIMETER FENCING

PROJECT NUMBER
21057.04

SHEET DESCRIPTION
LANDSCAPE PLAN

SHEET NUMBER





TRW BUILDING AUC-1 SITE PLAN

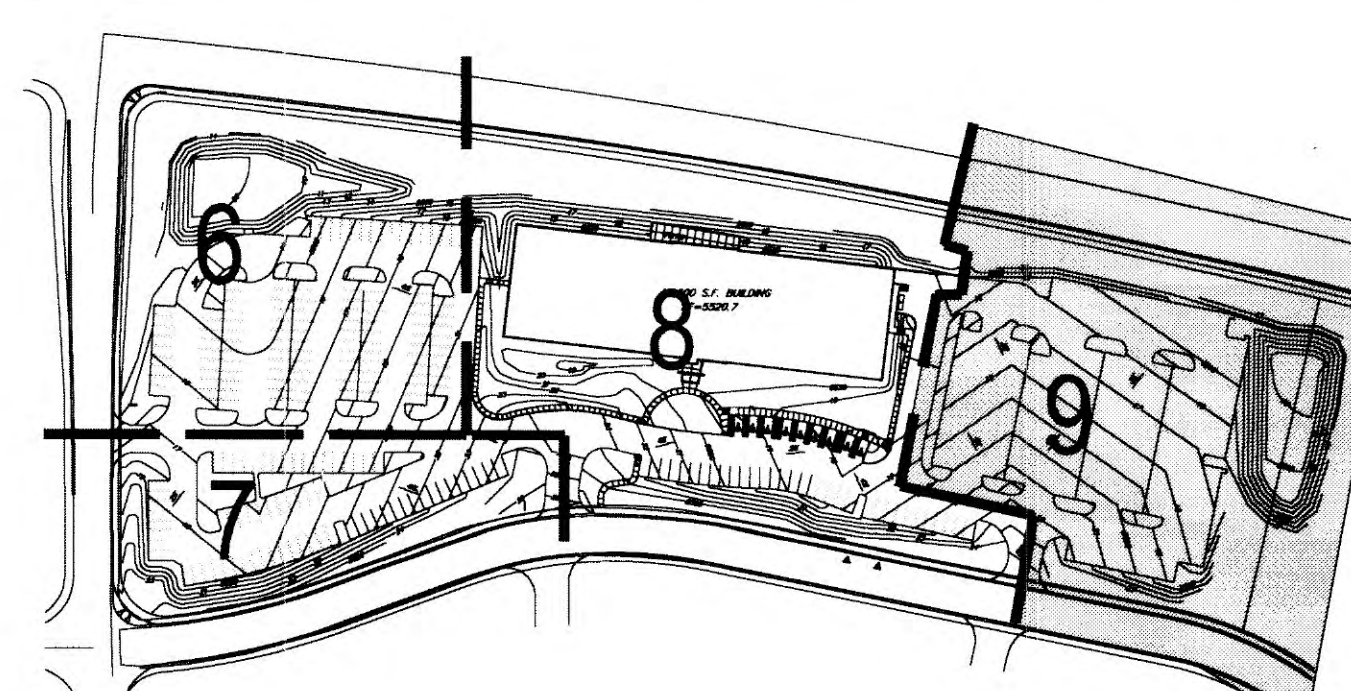
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TRW BUILDING AUC-1 2001-6037-1

LOT 1, BLOCK 1 SHEA CENTER SUBDIVISION FILING NO. 1
CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO
A PART OF THE NORTH 1/2 OF SECTION 16, T.4 S, R66 W. OF THE 6TH P.M.



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): $\frac{1}{4}$ " MINUS,
GRAY

TURFGRASS - REPLACE
WHERE DAMAGED - MATCH
EXISTING

PROPOSED METAL PICKET
FENCE, RE: ARCHITECTURAL
DRAWINGS

STEEL EDGER

AUC-1 REPLACEMENT PLANT LIST

NORTH

0 15' 30' 60' 90'

SCALE: 1"=30'-0"



McDermott Associates
COMMERCIAL INTERIORS

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

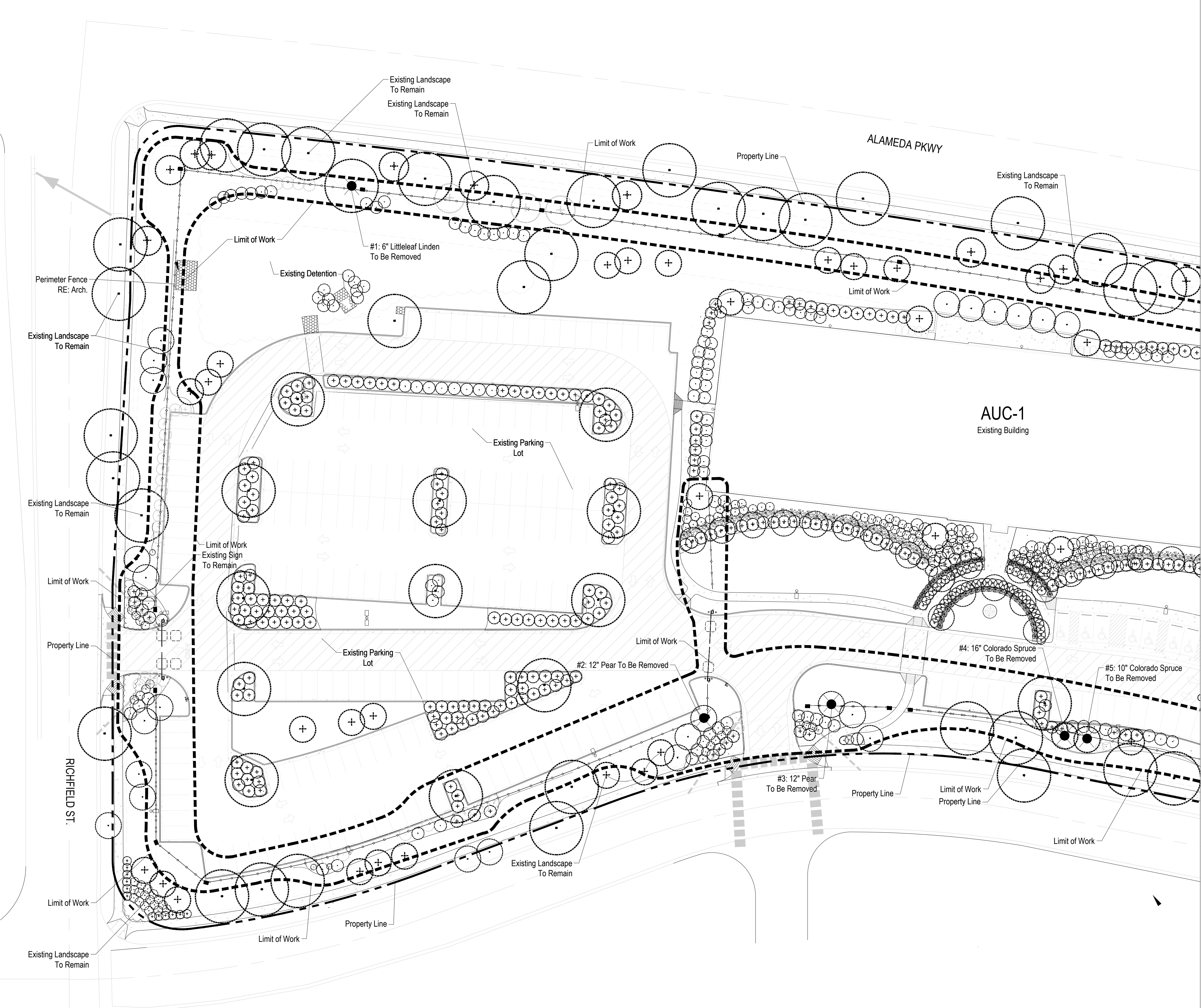
NORIHROP GRUMMAN AUG-1
17455 E. EXPOSITION DR. AURORA CO 80017

SHEET NUMBER

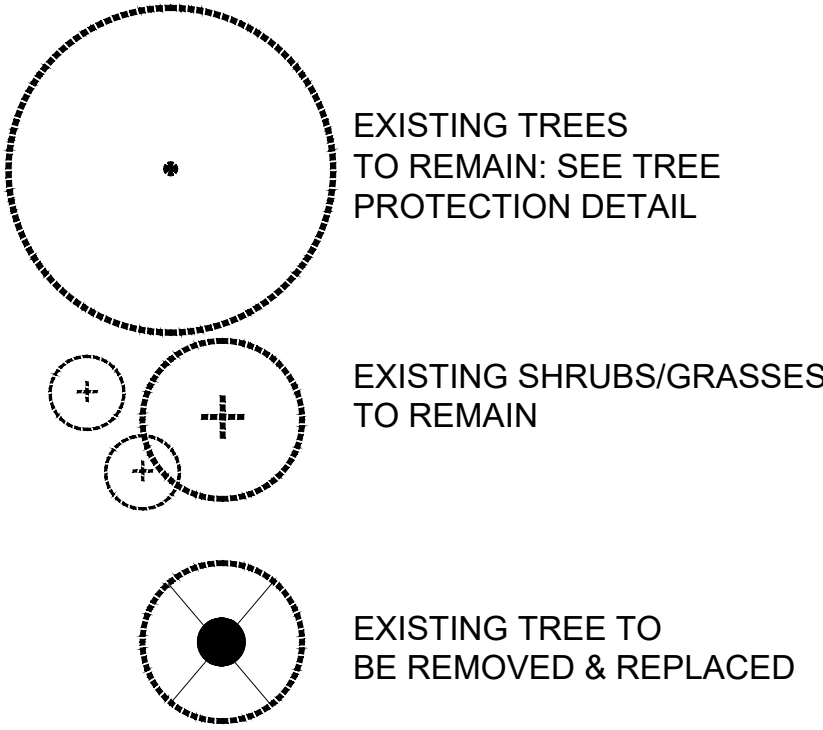
3 9A

TRW BUILDING AUC-1
SITE PLAN

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



EXISTING TREE LEGEND



EXISTING TREE MITIGATION CHART

TREE #	SPECIES	DIAMETER	MITIGATION VALUE	MITIGATION INCHES
T #1	LITTLELEAF LINDEN	6"	\$232.83	2"
T #2	PEAR	12"	\$932.23	5"
T #3	PEAR	12"	\$932.23	5"
T #4	COLORADO SPRUCE	16"	\$1,930.78	6"
T #5	COLORADO SPRUCE	10"	\$754.56	4"
T #6	PEAR	13"	\$817.93	4"
T #7	PEAR	13"	\$817.93	4"
TOTAL		82"	\$4,028.07	18"

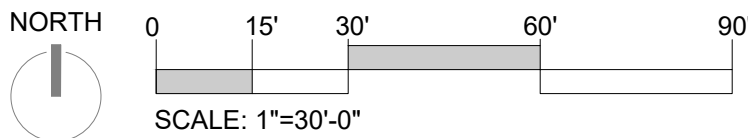
Tree mitigation will be provided onsite with the planting of additional trees to fulfill the 18" tree caliper mitigation requirement.

The caliper inches that will be lost are 82", but only 18" would be required for planting back onto the site. The mitigation value is \$4,030.00.

NOTE: Mitigation values based on International Society of Arboriculture's Guide to Plant Appraisal. Species, diameter, condition, and location factors were included in the assessment.

PLANT REPLACEMENT NOTES

1. CONTRACTOR SHALL COMPLY WITH TREE PROTECTION DETAILS AND NOTES ON SHEET 12A DURING CONSTRUCTION AND INSTALLATION.
2. ALL EXISTING TREES AND SHRUBS SHALL BE REPLACED PER THE TREE REPLACEMENT PLANT LIST AND AS INDICATED ON THE PLANS.
3. 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.

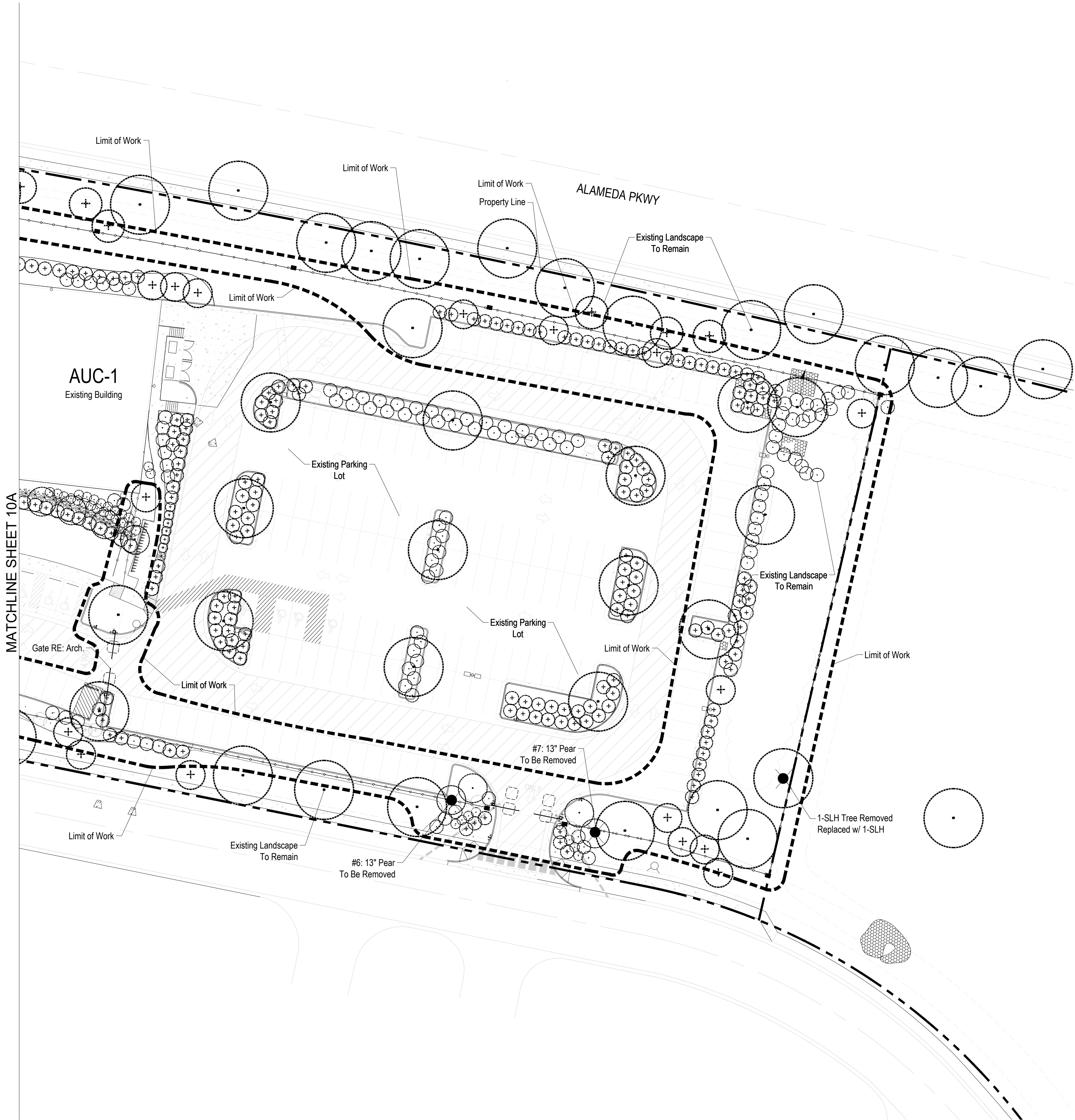


STACKLot

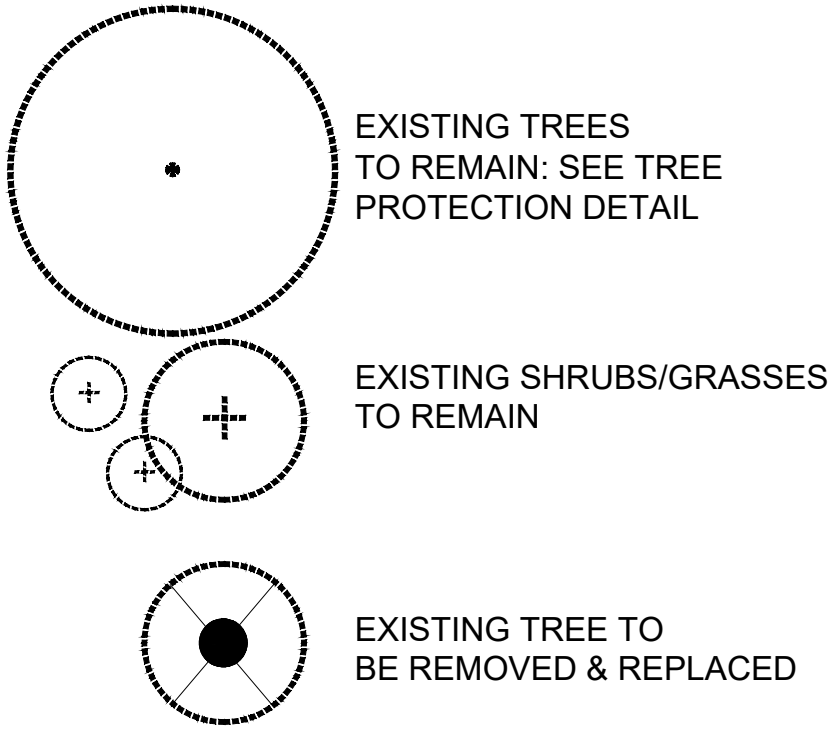
(urban design) (planning) (landscape architecture) (tech)
5639 SOUTH CURTICE STREET
LITTLETON, COLORADO 80120
303.882.2735
STACKLOT.COM

TRW BUILDING AUC-1
SITE PLAN

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



EXISTING TREE LEGEND



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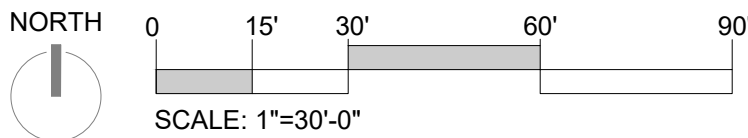
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DAVID P GOODE
ARCHITECTURE

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

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

SUBMITTAL
05.24.2022 PRICING SET

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

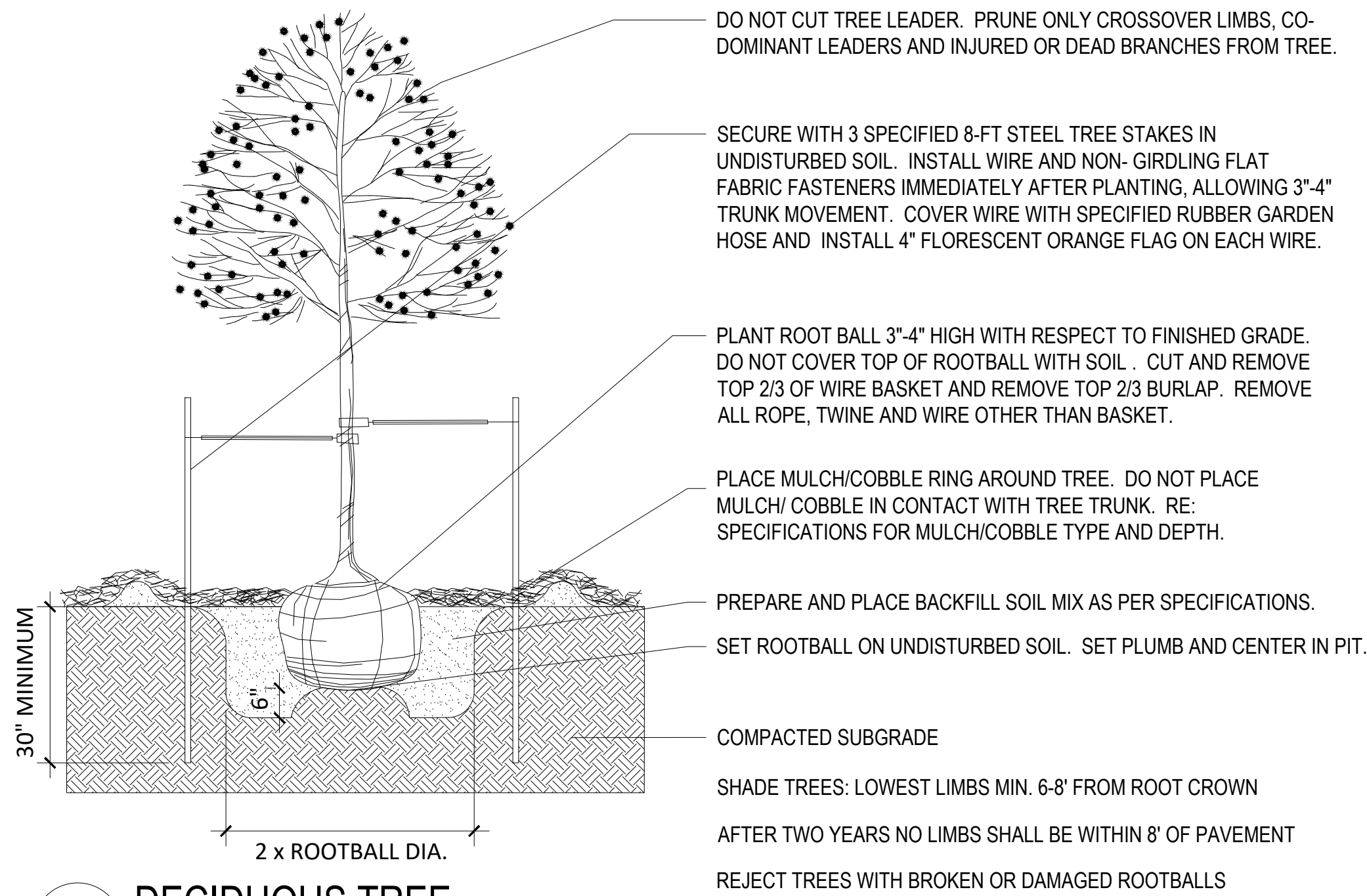
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PERIMETER FENCING

PROJECT NUMBER
21057.04

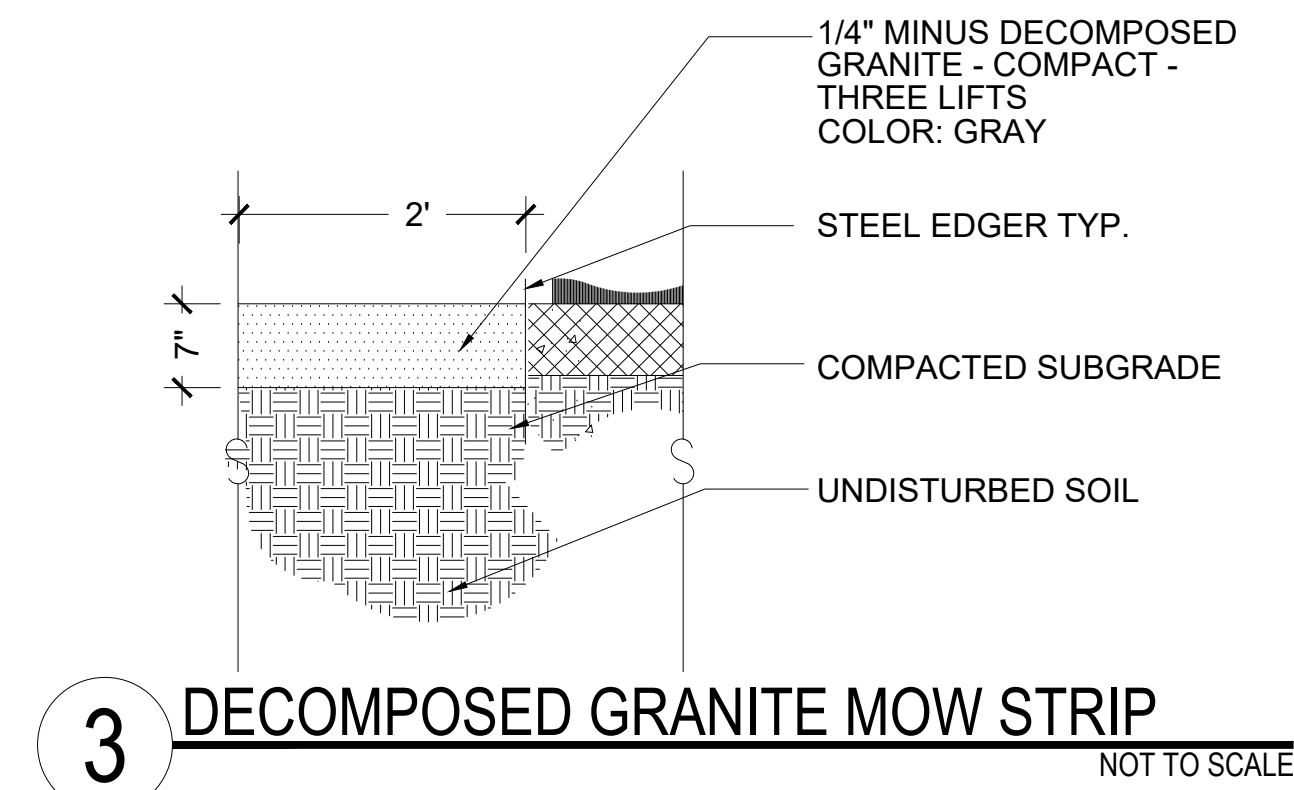
SHEET DESCRIPTION
TREE MITIGATION
PLAN 'B'

SHEET NUMBER

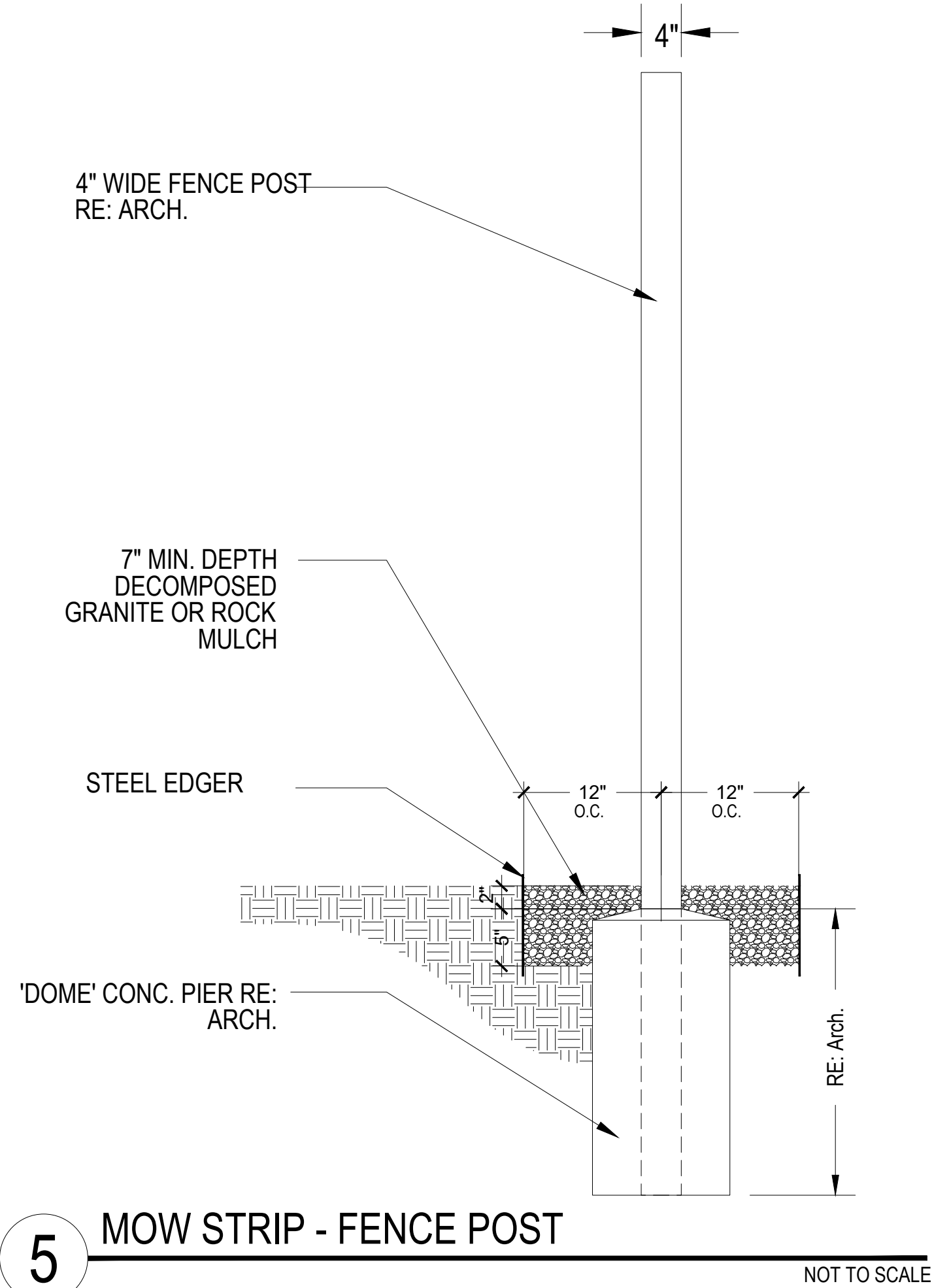




1 DECIDUOUS TREE



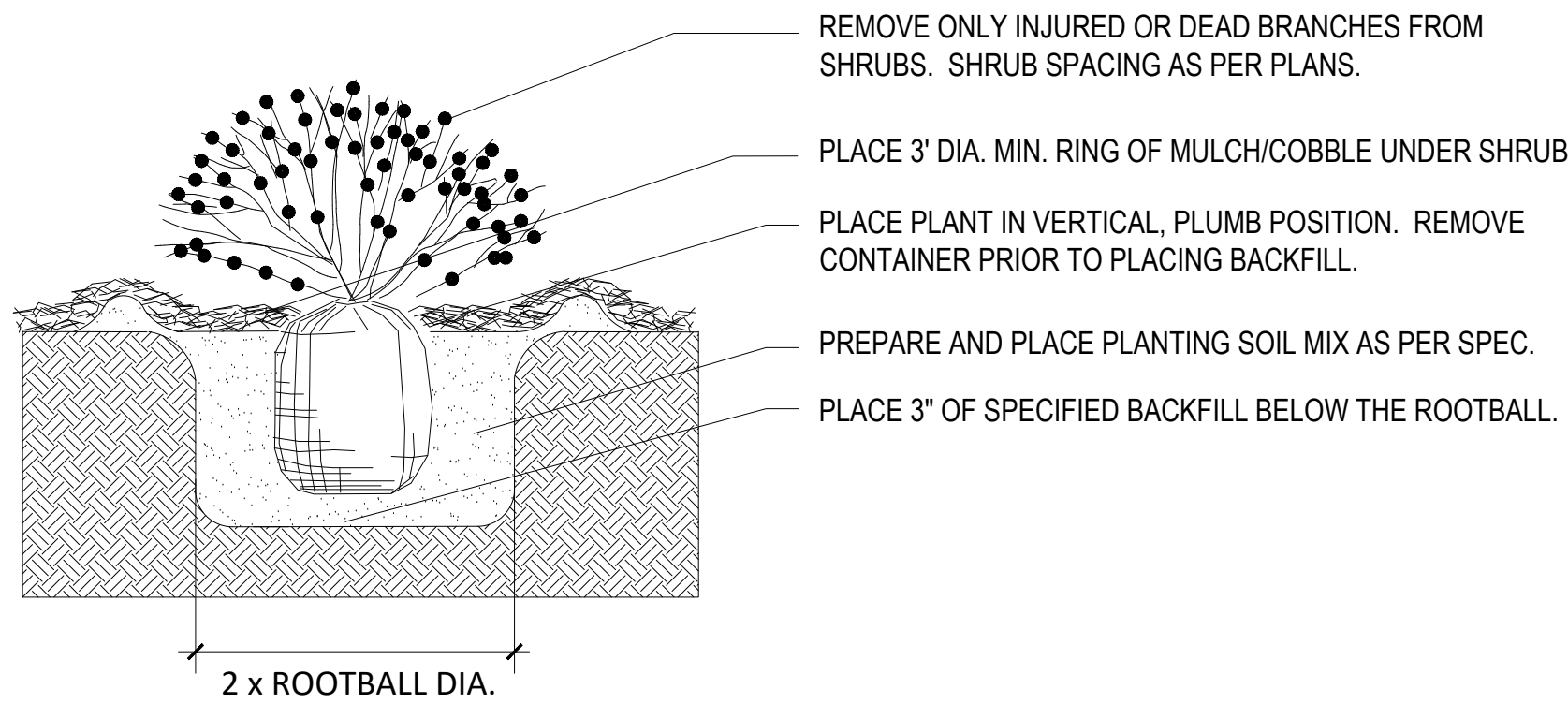
3 DECOMPOSED GRANITE MOW STRIP



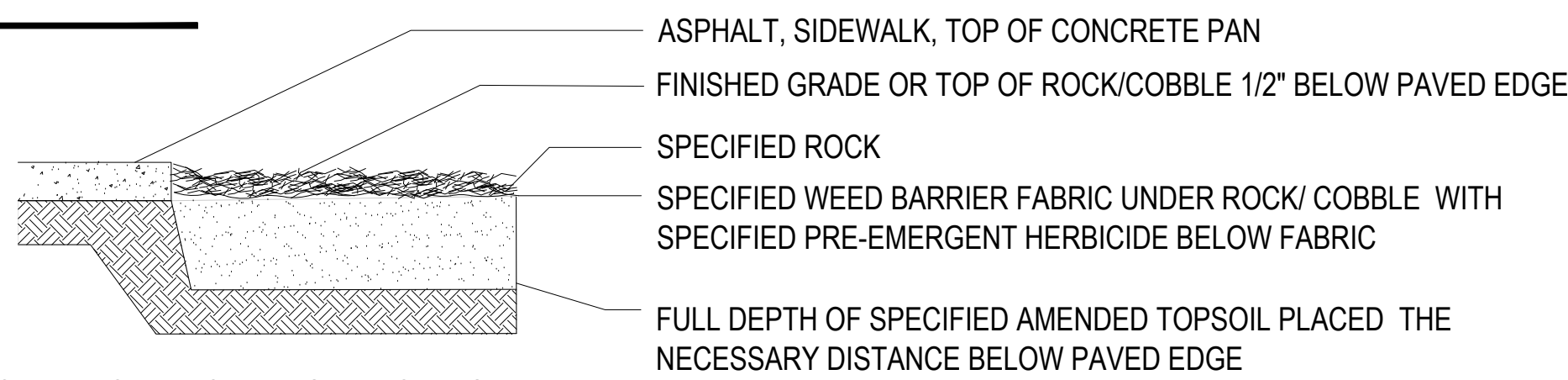
5 MOW STRIP - FENCE POST

TRW BUILDING AUC-1 SITE PLAN

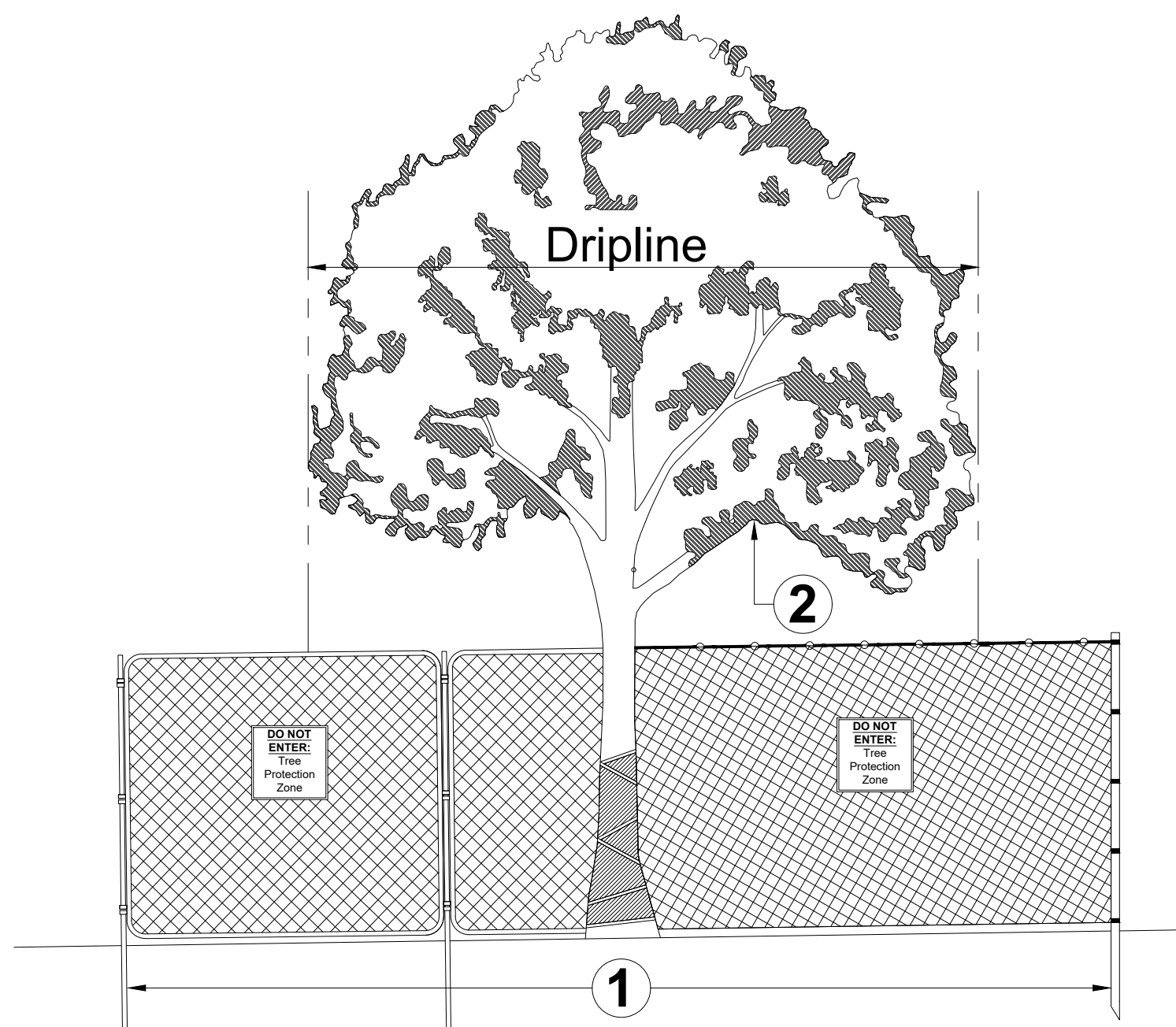
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2 SHRUB PLANTING



4 EDGE TREATMENT



- 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.

6 TREE PROTECTION DETAIL

PLANTING NOTES

- GENERAL**
- ALL PLANT BEDS SHALL BE CONTAINED WITH STEEL EDGER. STEEL EDGER IS NOT REQUIRED ALONG CURBS, WALKS OR BUILDING FOUNDATIONS. ALL EDGING SHALL OVERLAP AT JOINTS A MINIMUM OF 6-INCHES, AND SHALL BE FASTENED WITH A MINIMUM OF 4 PINS PER EACH 10 FOOT SECTION. THE TOP OF ALL EDGING MATERIAL SHALL BE A ROLLED TOP AND 1/2 INCH ABOVE THE FINISHED GRADE OF ADJACENT LAWN OR MULCH AREAS. COLOR: BLACK.
- MULCHING**
- AFTER ALL PLANTING IS COMPLETE, INSTALL A MINIMUM 4" THICK LAYER OF MULCH AS SPECIFIED IN THE PLANTING LEGEND. INSTALL A 4" THICK RING OF DOUBLE SHREDDED CEDAR BARK MULCH AROUND ALL PLANT MATERIAL IN ROCK MULCH BEDS WHERE LANDSCAPING IS SHOWN ON THE PLANS. WOOD MULCH RING SIZE SHALL BE THE CONTAINER SIZE OF THE SHRUBS, PERENNIALS, AND ORNAMENTAL GRASSES. TREE RING SIZE SHALL BE GREEN INDUSTRIES OF COLORADO INDUSTRY STANDARD WIDTH.
 - INSTALL DEWITT PRO-5 WEED BARRIER FABRIC UNDER ALL ROCK MULCH SHRUB BEDS SPECIFIED ON THE PLANS ONLY. NO LANDSCAPE FABRIC SHALL BE USED IN WOOD MULCH AREAS. NO PLASTIC WEED BARRIERS SHALL BE SPECIFIED.
 - ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN INSTALLED.
 - ALL PLANTING AREAS WITH LESS THAN A 4:1 GRADIENT SHALL RECEIVE A LAYER OF MULCH, TYPE AND DEPTH PER PLANS. SUBMIT 1 CUBIC FOOT SAMPLE OF MULCH (ONE SAMPLE PER TYPE) TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. THE MULCH SHALL BE SPREAD EVENLY THROUGHOUT ALL PLANTING AREAS EXCEPT SLOPES 4:1 OR STEEPER, OR AS OTHERWISE DENOTED ON THE PLAN. ABSOLUTELY NO EXPOSED GROUND SHALL REMAIN IN AREAS TO RECEIVE MULCH AFTER MULCH HAS BEEN INSTALLED.
 - ALL PLANTING AREAS ON SLOPES OVER 4:1 SHALL RECEIVE COCONUT FIBER EROSION CONTROL NETTING FROM ROLLS. NETTING SHALL BE #CT-125, AS MANUFACTURED BY NORTH AMERICAN GREEN (OR EQUAL). INSTALL AND STAKE PER MANUFACTURER'S SPECIFICATIONS. SEE ALSO THE CIVIL ENGINEER'S EROSION CONTROL PLAN.

CITY OF AURORA LANDSCAPE NOTES:

- PRIOR TO PLANTING, ALL PLANTING AREAS SHALL INCORPORATE SOIL AMENDMENTS AT A RATE OF 3 CUBIC YARDS PER 1000 SQUARE FEET TO A MINIMUM DEPTH OF 6" INCHES. A LESSER AMOUNT SHALL BE ALLOWED IF A SOILS TEST SHOWS THAT 3 CUBIC YARDS PER 1000 SQUARE FEET IS NOT NECESSARY OR WATER RETENTION AND DEEP ROOTING OF PLANT MATERIALS. IF SPECIFIED PLANT MATERIAL REQUIRES LESS FERTILE SOIL, THOSE AREAS MAY HAVE LESS SOIL AMENDMENTS INSTALLED. EXISTING TOPSOIL SHALL BE SALVAGED AND STOCKPILED FOR USE AS SOIL AMENDMENTS OR TOPSOIL. ACCEPTABLE SOIL AMENDMENTS INCLUDE COMPOST AND AGED MANURE.
- PROPOSED SIDEWALKS TO BE STANDARD CONCRETE WITH A BROOM FINISH. ALL PARKING AND VEHICULAR DRIVES WILL BE ASPHALT.
- ALL UTILITY EASEMENTS SHALL REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE ALONG THE ENTIRE LENGTH FOR MAINTENANCE EQUIPMENT ENTRY.
- THE DEVELOPER, HIS SUCCESSORS AND ASSIGNS, SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REPLACEMENT OF ALL LANDSCAPING MATERIALS SHOWN OR INDICATED WITHIN THE PROPERTY DEFINED AS THE AREA WITHIN THE PROPERTY LINE ON THE APPROVED SITE PLAN OR LANDSCAPE PLAN ON FILE IN THE PLANNING DEPARTMENT. ALL LANDSCAPING WILL BE INSTALLED AS DELINEATED ON THE PLAN, PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.
- ALL LANDSCAPE AREAS AND PLANT MATERIAL, EXCEPT FOR NON-IRRIGATED NATIVE RESTORATION, AND DRYLAND GRASS AREAS MUST BE WATERED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. IRRIGATION SYSTEM DESIGN, INSTALLATION, OPERATION, AND MAINTENANCE SHALL CONFORM TO REQUIREMENTS FOUND IN THE CITY OF AURORA IRRIGATION ORDINANCE.
- ALL PROPOSED LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE IN COMPLIANCE WITH COA ROADWAY SPECIFICATIONS, SECTION 4.04.2.10.
- THE LANDSCAPE PLAN MUST REFLECT THE LOCATION OF ALL FIRE HYDRANTS, KNOX HARDWARE AND FIRE DEPARTMENT CONNECTIONS TO ENSURE THAT THESE DEVICES ARE NOT PHYSICALLY OR VISUALLY OBSTRUCTED FROM RESPONDING FIRE CREWS. THE SEPARATION REQUIREMENTS FROM FIRE DEPARTMENT CONNECTIONS AND FIRE HYDRANTS MUST MEET BOTH LIFE SAFETY (TYPICALLY 5 FEET AND NO MATERIAL GREATER THAN 2 FEET IN HEIGHT) AND LANDSCAPING REQUIREMENTS. LANDSCAPING MATERIAL CANNOT BE OMITTED OR REDUCED BASED ON THE INSTALLATION OF A FIRE HYDRANT WITHIN A PARKING LOT ISLAND OR PLANT BED. IT IS RECOMMENDED THAT THE ISLAND OR PLANT BED BE CONSTRUCTED LARGE ENOUGH TO ADEQUATELY ACCOMMODATE BOTH LANDSCAPING MATERIAL AND FIRE HYDRANTS IN ORDER TO COMPLY WITH ALL CITY STANDARDS.
- STREETLIGHTS MUST BE CONSTRUCTED ALONG ALL PUBLIC STREETS AS REQUIRED BY SECTION 126-236. SIDEWALKS, INTERNAL PEDESTRIAN PATHS, AND BICYCLE PATHS SHALL BE LIT WITH FULL CUTOFF LIGHTING FIXTURES NO MORE THAN 16 FEET TALL, AND PROVIDING CONSISTENT ILLUMINATION OF AT LEAST ONE FOOTCANDLE ON THE WALKING SURFACE. LIGHTING ALONG PUBLIC STREETS AND LANDSCAPED AREAS SHALL BE OF A RECOGNIZABLY UNIFIED DESIGN. LIGHTING SOURCES SHALL BE COLOR-CORRECT TYPES SUCH AS HALOGEN OR METAL HALIDE, AND LIGHT TYPES OF LIMITED SPECTRAL EMISSION, SUCH AS LOW PRESSURE SODIUM OR MERCURY VAPOR LIGHTS, ARE PROHIBITED EVEN IN SERVICE AREAS. PRIVATE AND SECURITY LIGHTING SHALL NOT CAUSE GLARE ABOVE A LEVEL OF 4 FEET ONTO ADJACENT PROPERTIES.



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SHEET DESCRIPTION
LANDSCAPE NOTES & DETAILS

SHEET NUMBER
3 12