

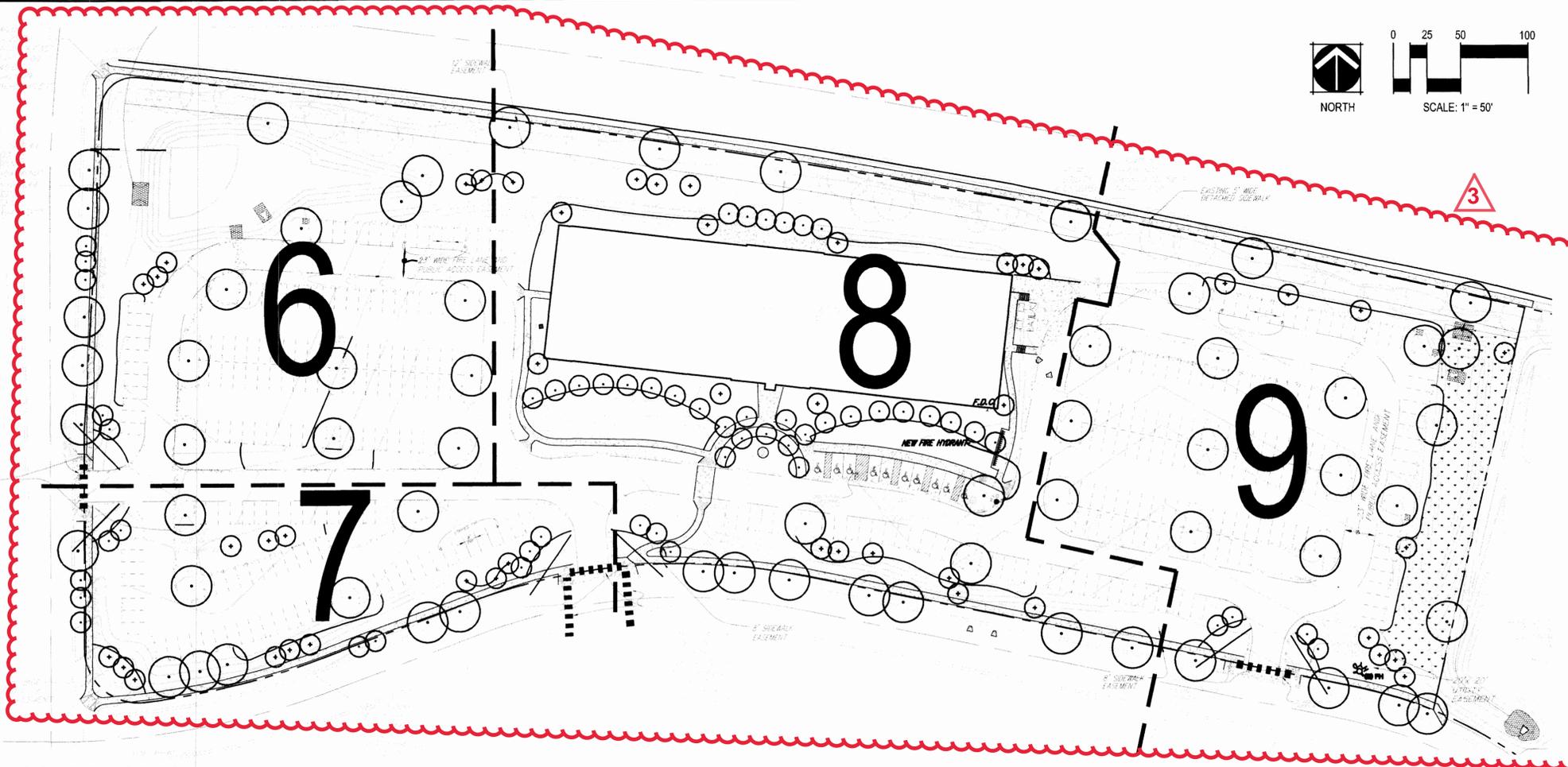
# TRW BUILDING AUC-1 SITE PLAN

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

**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.

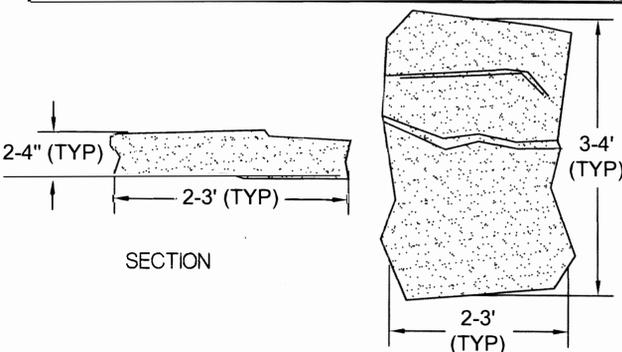
**BUFFER/TREE REQUIREMENTS**

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.

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

PRINT RECORD

PURPOSE	DATE
SP SUBMITTAL	5-11-01
2ND SUBMISSION	6-28-01
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: JF  
DATE: 10-2-01  
SHEET TITLE

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



# TRW BUILDING AUC-1 SITE PLAN

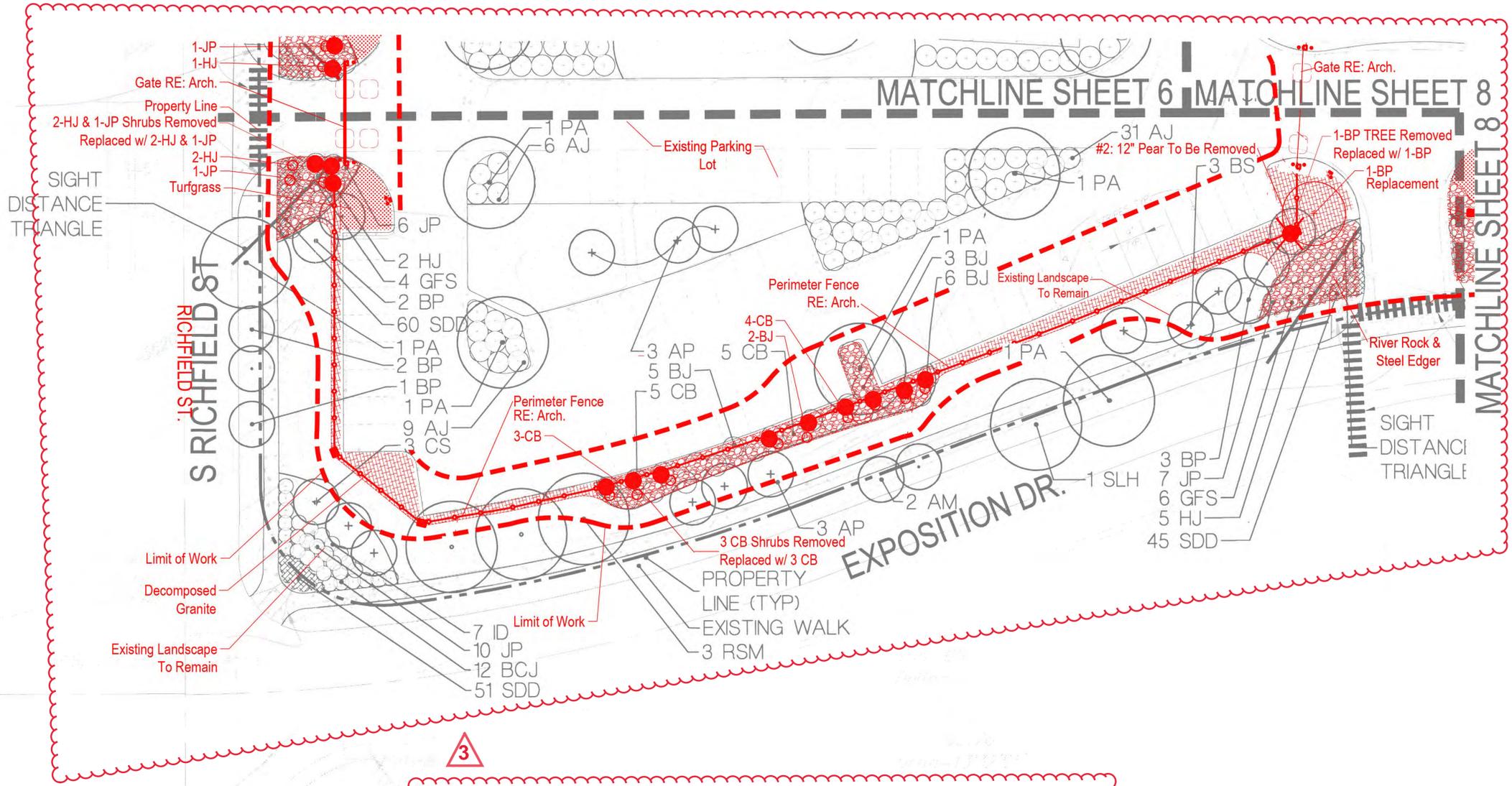
LOT 1, BLOCK 1, SHEA CENTER SUBDIVISION FILING NO.1  
CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO  
A PART OF THE NORTH 1/2 OF SECTION 16, T. 4 S., R. 66 W. OF THE 6TH P.M.

**NORRIS DULLA**  
Planning  
Landscape Architecture  
110 West Colfax  
Denver, Colorado 80204  
Fax: 303 892 1186  
Phone: 303 892 1166

PROJECT NO. 01109.00



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



### LEGEND

- DECIDUOUS TREES 2 1/2" CAL.
- 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

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

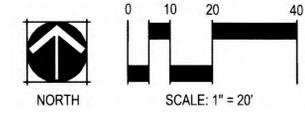
REVISION RECORD		
NO.	CHANGE	DATE
1	PER AURORA	6-25-01
2	PER AURORA	7-17-01
3	PER AURORA	9-10-01
4	PER AURORA	10-2-01

DRAWN	BILL ARLAND
CHECKED	JE
DATE	10-2-01
SHEET TITLE	LANDSCAPE PLAN

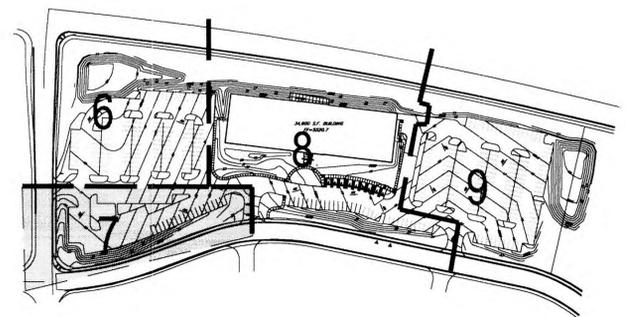
**M+O+A**  
ARCHITECTURAL PARTNERSHIP  
ARCHITECTURE PLANNING  
1900 WAZEE STREET, SUITE 100, DENVER, COLORADO 80202 (303) 368-1190

**See Sheet 8A for more details**

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



### KEYMAP

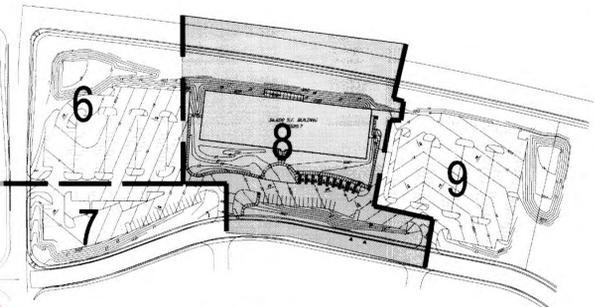


SHEET	OF
7	10
TOTAL	10

# 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  
PART OF THE NORTH 1/2 OF SECTION 16, T 4 S, R 66 W OF THE 6TH P.M.

## KEYMAP



**NORRIS DULLEA**  
Planning  
Landscape Architecture  
710 West Colfax  
Denver, Colorado 80204  
Tel: 303.892.1186  
Fax: 303.892.1166

**PROJECT NO. 01109.00**

**TRW**

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

## LEGEND

- DECIDUOUS TREES 2 1/2" CAL.
- 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

PRINT RECORD	
PURPOSE	DATE
SP SUBMITTAL	5-11-01
2ND SUBMISSION	6-25-01
3RD SUBMISSION	7-17-01
4TH SUBMISSION	8-10-01
5TH SUBMISSION	10-2-01

REVISION RECORD		
NO.	CHANGE	DATE
1	PER AURORA	8-25-01
2	PER AURORA	9-17-01
3	PER AURORA	9-10-01
4	PER AURORA	10-2-01

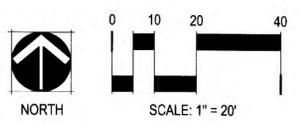
DRAWN	BILLARLAND
CHECKED	JE
DATE	10-2-01
SHEET TITLE	LANDSCAPE PLAN

**M+O+A**  
ARCHITECTURAL PARTNERSHIP  
PLANNING INTERIOR DESIGN  
1900 WAZEE STREET, SUITE 100, DENVER, COLORADO 80202, (303) 309-1190

- 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
- 1" RIVER ROCK MATCH EXISTING & ADD WHERE NECESSARY
- DECOMPOSED GRANITE (CRUSHER FINES); 7" 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 - ADD ATM



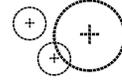
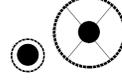
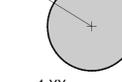
SHEET	08	OF	16
TOTAL		16	

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.

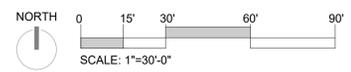
## LANDSCAPE LEGEND

-  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 & PLANT LIST FOR REPLACEMENT
-  1"-3" RIVER ROCK MATCH EXISTING & ADD WHERE NECESSARY
-  DECOMPOSED GRANITE (CRUSHER FINES): 1/4" 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.
<input type="checkbox"/> TREES					
7	1	GL	GREENSPIRE LINDEN <i>Tilia cordata</i> 'Greenspire'	4" CAL. SINGLE TRUNK	B & B
	7	BP	BRADFORD PEAR <i>Pyrus Calleryana</i> 'Bradford'	4" CAL. SINGLE TRUNK	B & B
	1	SLH	SKYLINE HONEYLOCUST <i>Gleditsia Tricanthos Inermis</i> 'Skyline'	4" CAL. SINGLE TRUNK	B & B
<input type="checkbox"/> SHRUBS					
11	11	HJ	HUGHES JUNIPER <i>Juniperus Sabina</i> 'Hughes'	5 GAL.	CONT.
10	10	AJ	ARMSTRONG JUNIPER <i>Juniperus Chinensis</i> 'Armstrong'	5 GAL.	CONT.
4	4	JP	JACKMANS POTENTILLA <i>Potentilla Fruticosa</i> 'Jackmanni'	5 GAL.	CONT.
1	1	GFS	GOLD FLAME SPIREA <i>Spiraea Japonica</i> 'Gold Flame'	5 GAL.	CONT.
7	7	CB	COLUMNAR BUCKTHORN <i>Rhamnus Frangula</i> 'Columnaris'	5 GAL.	CONT.
2	2	TLS	THREE LEAF SUMAC <i>Rhus Triloba</i>	5 GAL.	CONT.
2	2	BJ	BUFFALO JUNIPER <i>Juniperus sabina</i> 'Buffalo'	5 GAL.	CONT.
2	2	ID	ISANTI REDTWIG DOGWOOD <i>Cornus Sericea</i> 'Isanti'	5 GAL.	CONT.



(urban design) (planning) (landscape architecture) (tech)  
5639 SOUTH CURTICE STREET  
LITTLETON, COLORADO 80120  
303.983.2735  
STACKLOT.COM



KC PLAZA  
4401 S QUEBEC ST  
SUITE #G100  
DENVER, CO 80237  
PH. 303.953.4266

DAVID P GOODE  
ARCHITECTURE

558 Castle Pines Parkway  
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

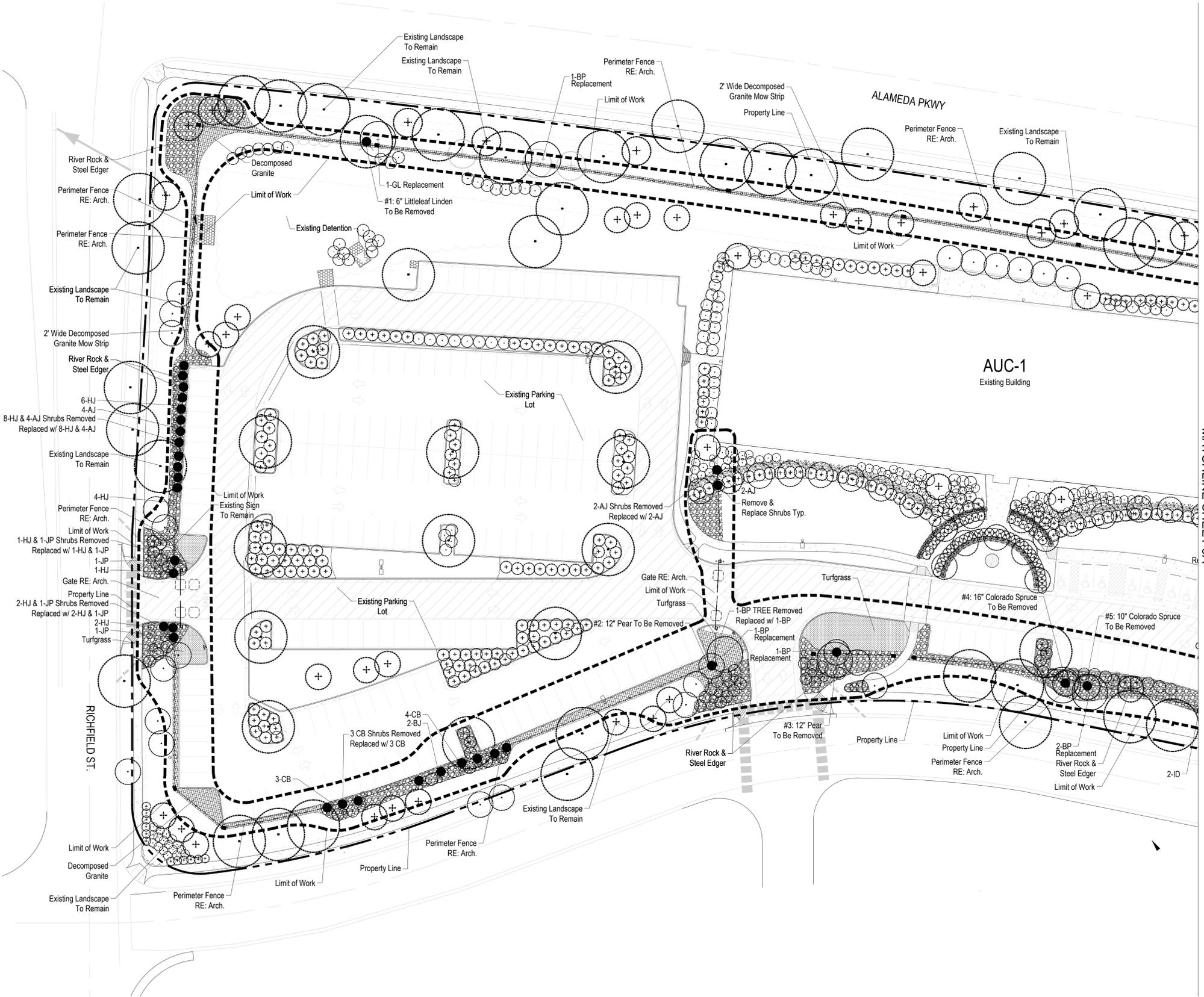
PROJECT TEAM  
CONTACT: JF  
DRAWN BY: JF  
REVIEWED BY: DG  
CONSULTANTS  
STACK LOT

PROJECT DESCRIPTION  
PERIMETER FENCING

PROJECT NUMBER  
21057.04

SHEET DESCRIPTION  
LANDSCAPE PLAN

SHEET NUMBER



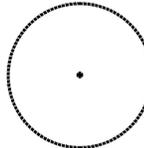
MATCHLINE SHEET 9A



# 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.

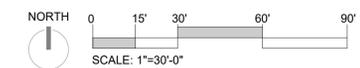
## LANDSCAPE LEGEND

-  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): 1/2" 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

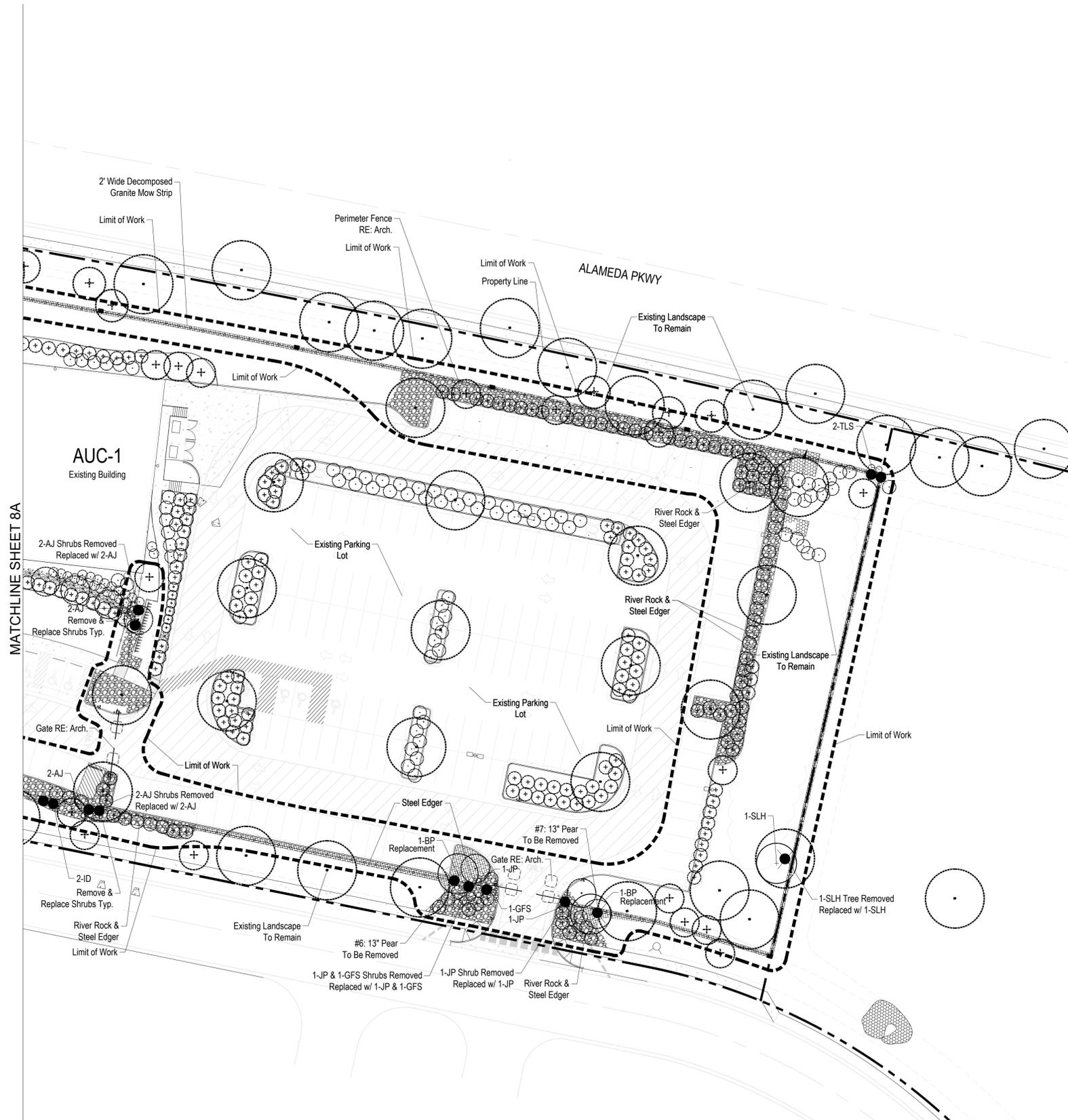
## AUC-1 REPLACEMENT PLANT LIST

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



**STACKlot**

(urban design) (planning) (landscape architecture) (tech)  
5639 SOUTH CURTICE STREET  
LITTLETON, COLORADO 80120  
303.983.2735  
STACKLOT.COM

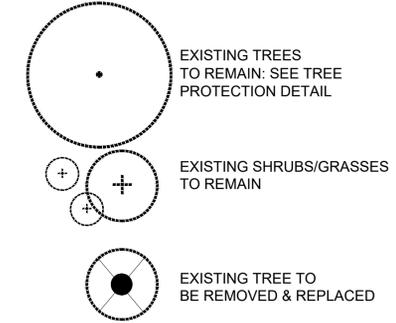


MATCHLINE SHEET 8A

# 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"

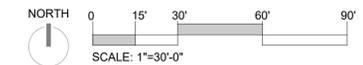
Tree mitigation will be provided onsite with the planting of additional trees to fulfill the 18" tree caliper mitigation requirement.

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

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

SUBMITTAL  
05.24.2022 PRICING SET

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

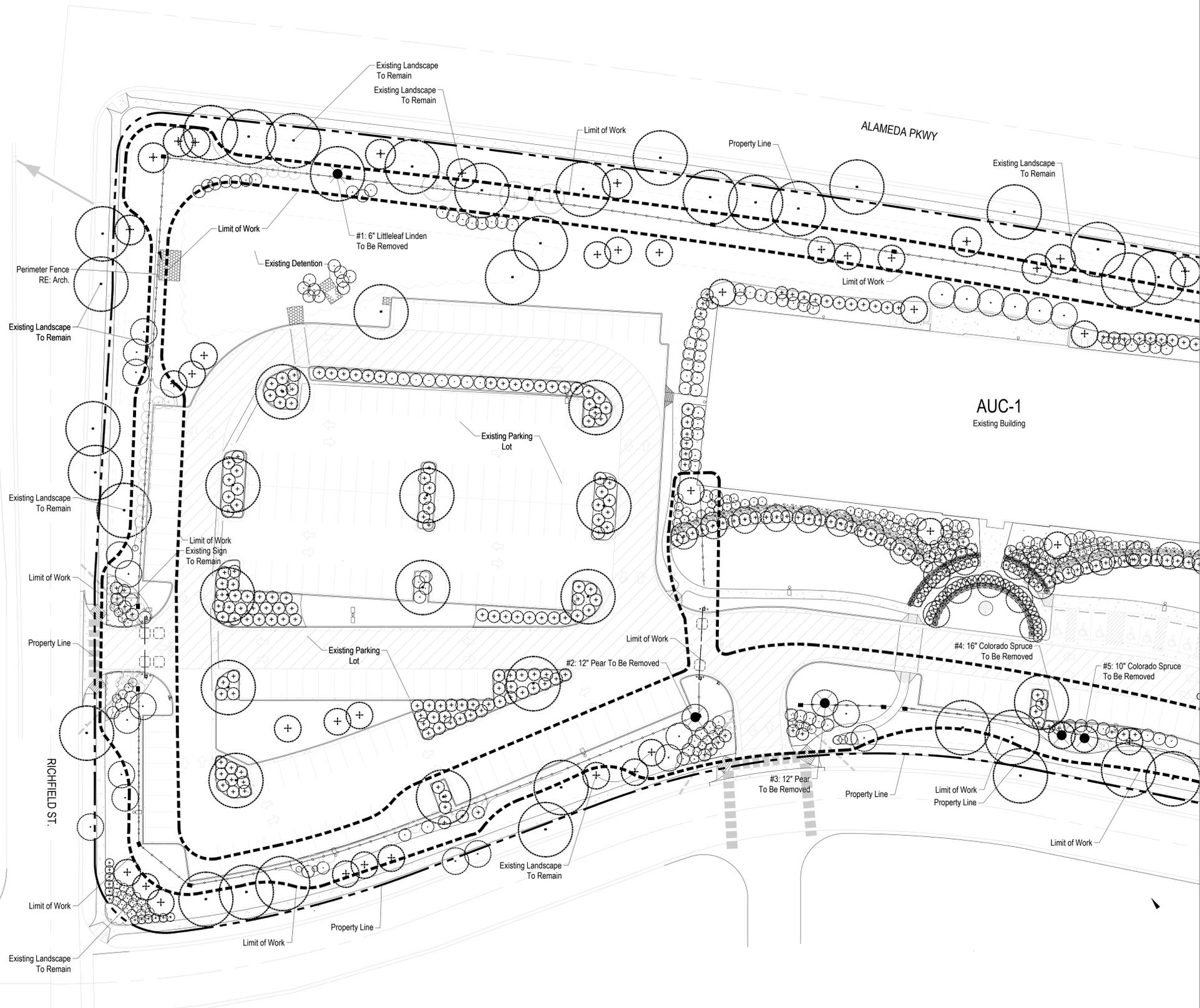
PROJECT DESCRIPTION  
PERIMETER FENCING

PROJECT NUMBER  
21057.04

SHEET DESCRIPTION  
TREE MITIGATION  
PLAN 'A'

SHEET NUMBER

3 10

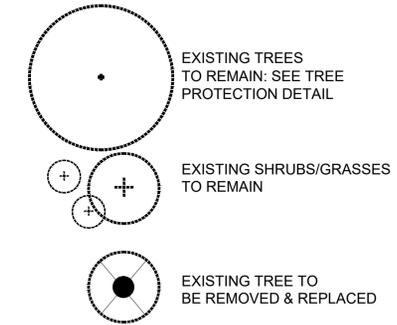


MATCHLINE SHEET 11A

# 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



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"
<b>TOTAL</b>		<b>82"</b>	<b>\$4,028.07</b>	<b>18"</b>

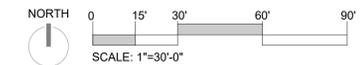
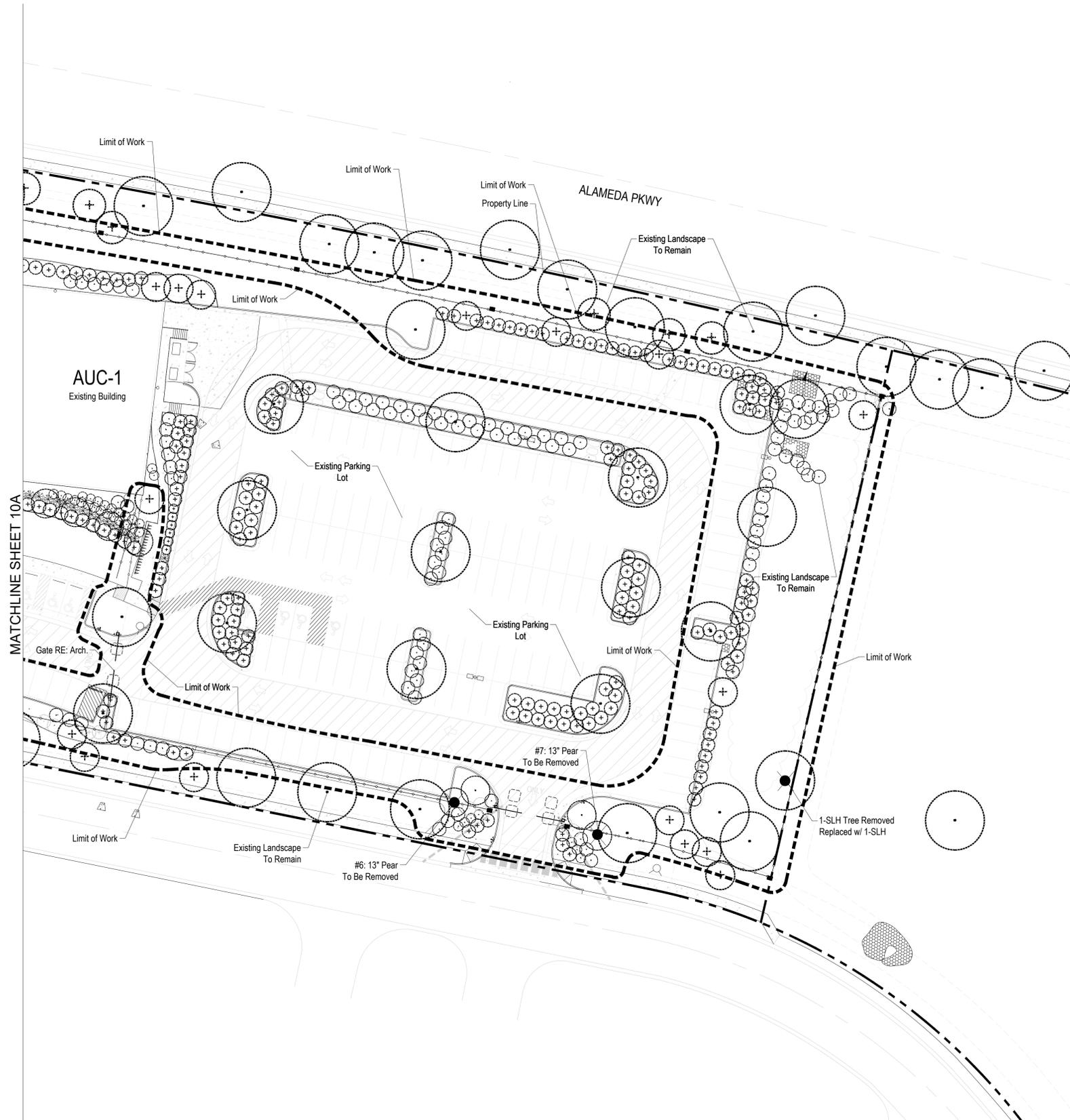
Tree mitigation will be provided onsite with the planting of additional trees to fulfill the 18" tree caliper mitigation requirement.

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

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



(urban design) (planning) (landscape architecture) (tech)  
5639 SOUTH CURTICE STREET  
LITTLETON, COLORADO 80120  
303.983.2735  
STACKLOT.COM

DAVID P GOODE  
ARCHITECTURE

558 Castle Pines Parkway  
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  
TREE MITIGATION  
PLAN 'B'

SHEET NUMBER



# 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, R66 W. OF THE 6TH P.M.

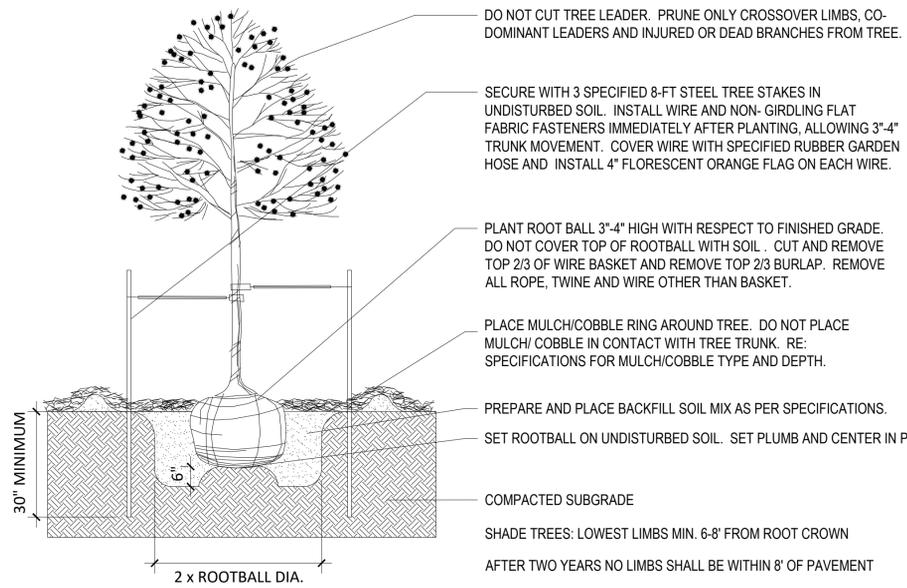
## PLANTING NOTES

### GENERAL

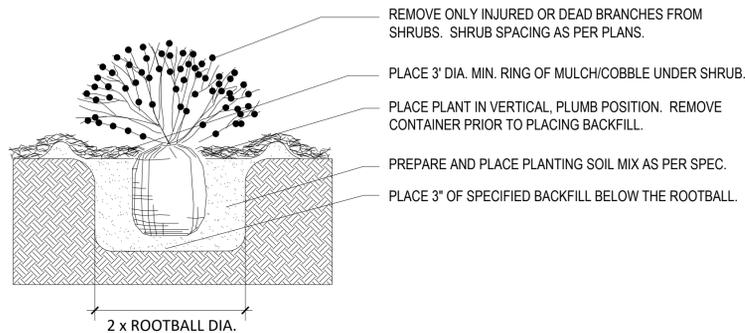
1. ALL PLANT BEDS SHALL BE CONTAINED WITH STEEL EDGER. STEEL EDGER IS NOT REQUIRED ALONG CURBS, WALKS OR BUILDING FOUNDATIONS. ALL EDGING SHALL OVERLAP AT JOINTS A MINIMUM OF 6-INCHES, AND SHALL BE FASTENED WITH A MINIMUM OF 4 PINS PER EACH 10 FOOT SECTION. THE TOP OF ALL EDGING MATERIAL SHALL BE A ROLLED TOP AND 1/2 INCH ABOVE THE FINISHED GRADE OF ADJACENT LAWN OR MULCH AREAS. COLOR: BLACK.

### MULCHING

2. 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.
3. 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.
4. ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN INSTALLED.
5. 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.
6. 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.

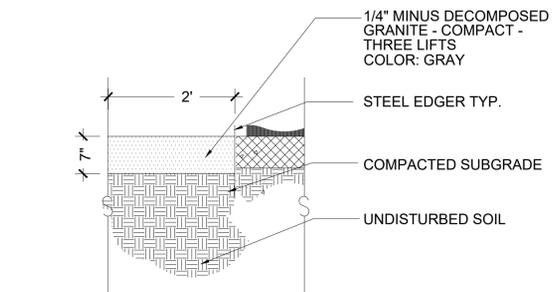


### 1 DECIDUOUS TREE



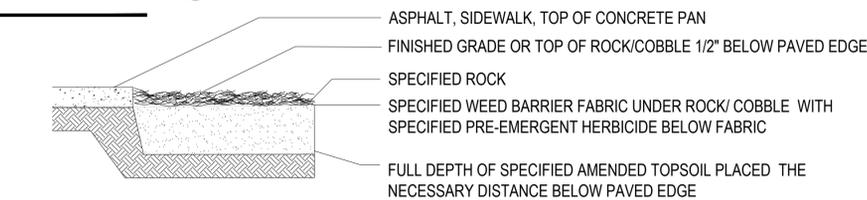
### 2 SHRUB PLANTING

NOT TO SCALE



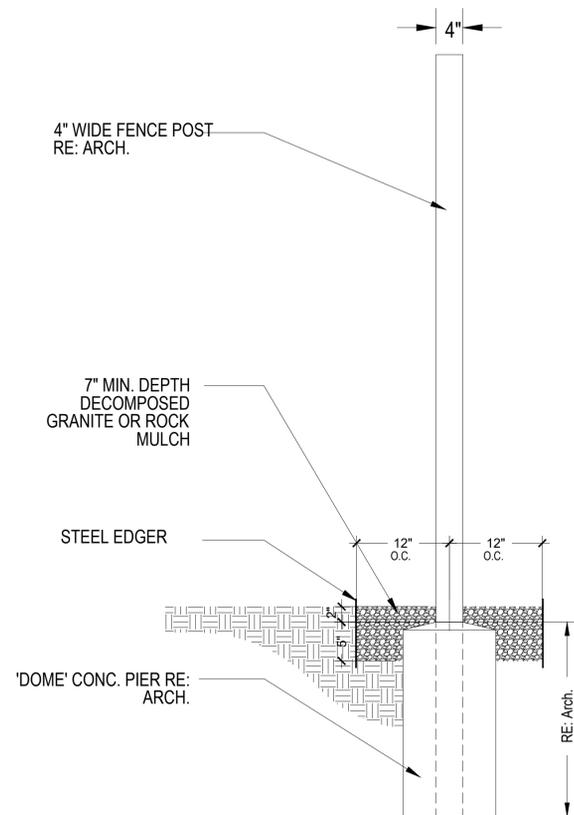
### 3 DECOMPOSED GRANITE MOW STRIP

NOT TO SCALE



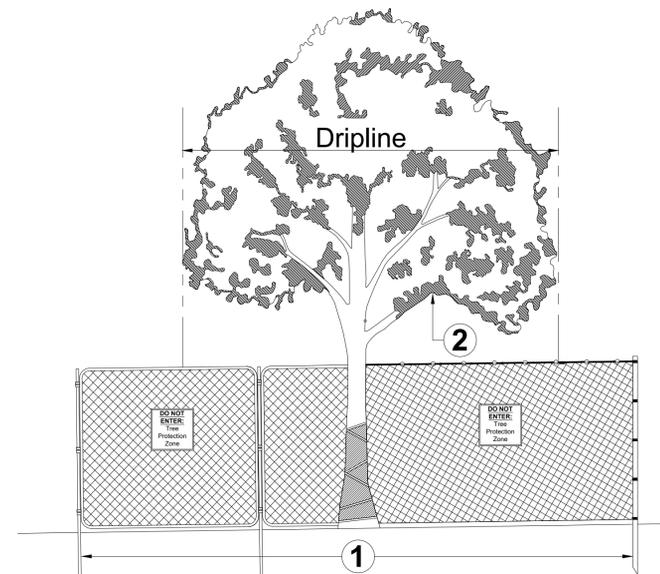
### 4 EDGE TREATMENT

NOT TO SCALE



### 5 MOW STRIP - FENCE POST

NOT TO SCALE



**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\"/>

- 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.
1. 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.
  2. 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.
  3. "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.
  4. 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**
1. Tree Retention and Protection Specifications shall be followed throughout duration of work.
  2. After TPZ is approved:
    - A. 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.
    - B. Entrance/access to the TPZ is not permitted without prior written approval from the Landscape Architect.
    - C. No materials, debris, equipment, or site amenities shall be stored within the TPZ without prior written approval from the Landscape Architect.
  3. 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

NOT TO SCALE