



THISTLE VELO, LCC

6000 SPINE ROAD, #101
BOULDER, CO 80301
CONTACT:
MARY DUVALL

VELO PARK
3289 AIRPORT ROAD
CITY OF BOULDER, STATE OF COLORADO

ISSUE	DATE
CITY REVIEW	11/19/18
CITY RESUBMIT #1	02/18/19
CITY RESUBMIT #2	06/14/19
CITY RESUBMIT #3	08/27/19

DESIGNED BY: osla
DRAWN BY: sg
CHECKED BY: osla

DRAWING SCALE:
HORIZONTAL: 1"=40'-0"
VERTICAL: N/A

MASTER LANDSCAPE PLAN

PROJECT NO. B1146

L1.0

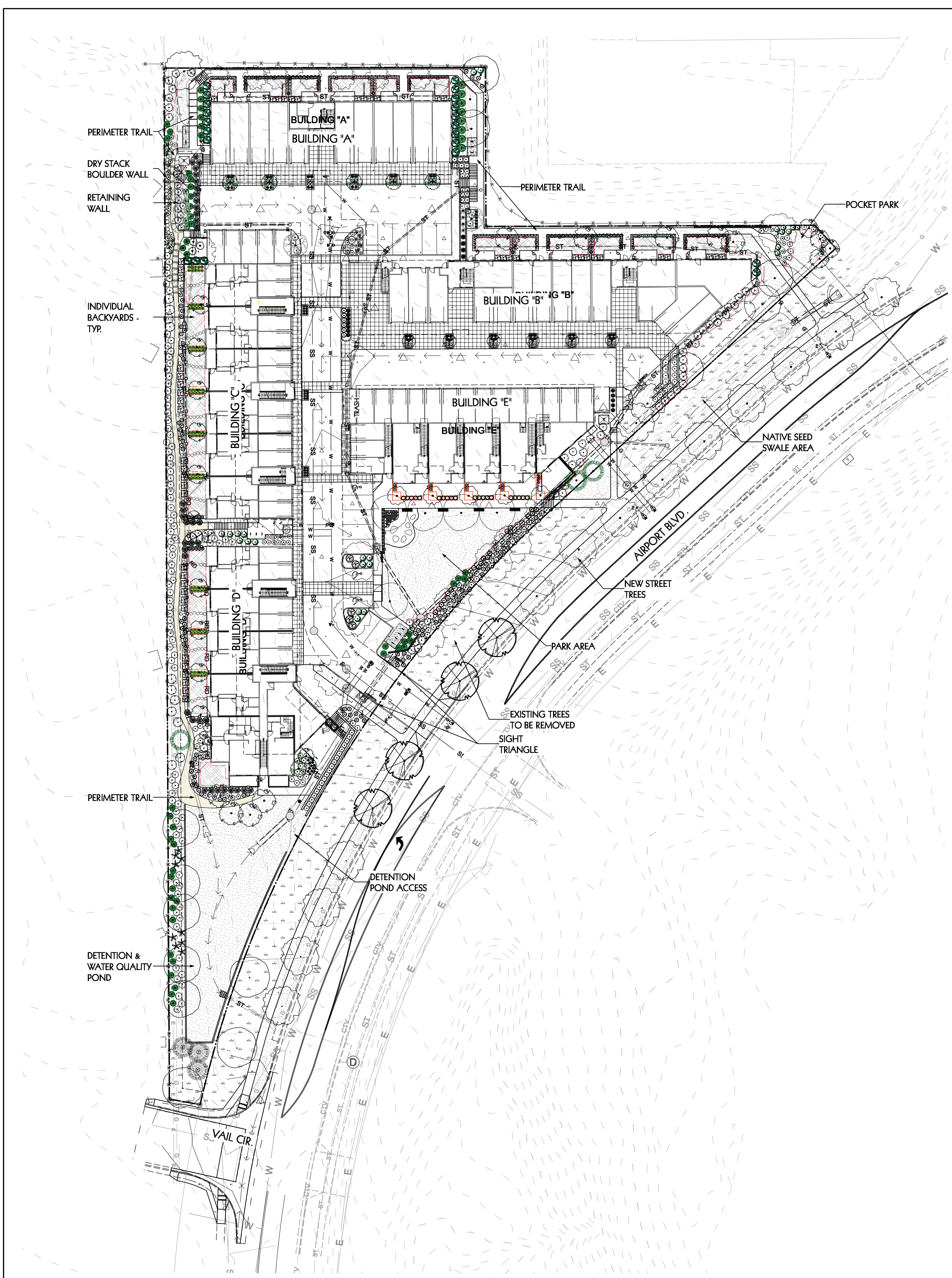
SHEET: OF 28

LEGEND:

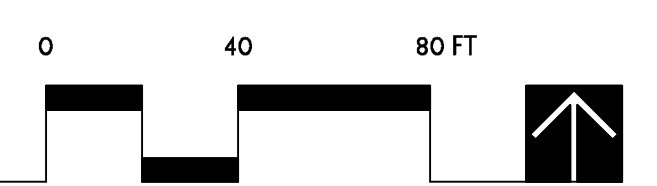
- EXISTING TREE TO BE REMOVED (due to construction of drainage swale)
- PROPOSED SHADE TREES
- PROPOSED EVERGREEN TREES
- PROPOSED ORNAMENTAL TREES
- PROPOSED SHRUBS
- PROPOSED ORNAMENTAL GRASSES
- PERENNIALS
- ASTROTURF
- BLUEGRASS TURF
- LOW GROW SEED
- CONC. PAVING (ped. walking area)
- RAISED PLANTER
- BIKE RACKS
- BENCH
- BOULDER WALL
- STEPPER
- SOFT SURFACE TRAIL

LANDSCAPE REQUIREMENTS: 6/14/19

OVERALL SITE		
TOTAL LOT AREA	113,377 SF	
BUILDING AREA:	36,700	
TOTAL DRIVE & PARKING LOT:	17,558	
OPEN SPACE:	49,630	44%
	REQUIRED	PROVIDED/COMMENTS
TOTAL NUMBER OF PARKING STALLS	87	72 garage spaces + 15 surface spaces=87
TOTAL NUMBER BIKE RACKS	N/A units each have a garage	32 short term bikes
INTERIOR PARKING LOT LANDSCAPED AREA	N/A - 15 or less surface spaces	N/A - 15 spaces
PARKING LOT SCREENING:		
FROM ADJACENT STREET	6' buffer	20' provided
FROM ADJACENT PROPERTIES		
Height & Opacity	Landscape Material 42" ht.	42" plant material screen
Width	6' Buffer	north west space property line: 12.5' eastern property line: 21'
Trees	1 tree/25 LF	at least 1 tree adjacent to each parking spot
STREETSCAPE:		
Airport Blvd.	1 tree/40' @ 666 LF = 17 trees	18 provided
MINIMUM PLANT SIZES:		
Deciduous Trees	2" cal.	67 Proposed (18 are street trees)
Evergreen Trees	6' ht.	16 Proposed
Ornamental Trees	1.5" cal.	49 Proposed
Shrubs	#5 container	1040 gallon shrubs + 317 orn grasses



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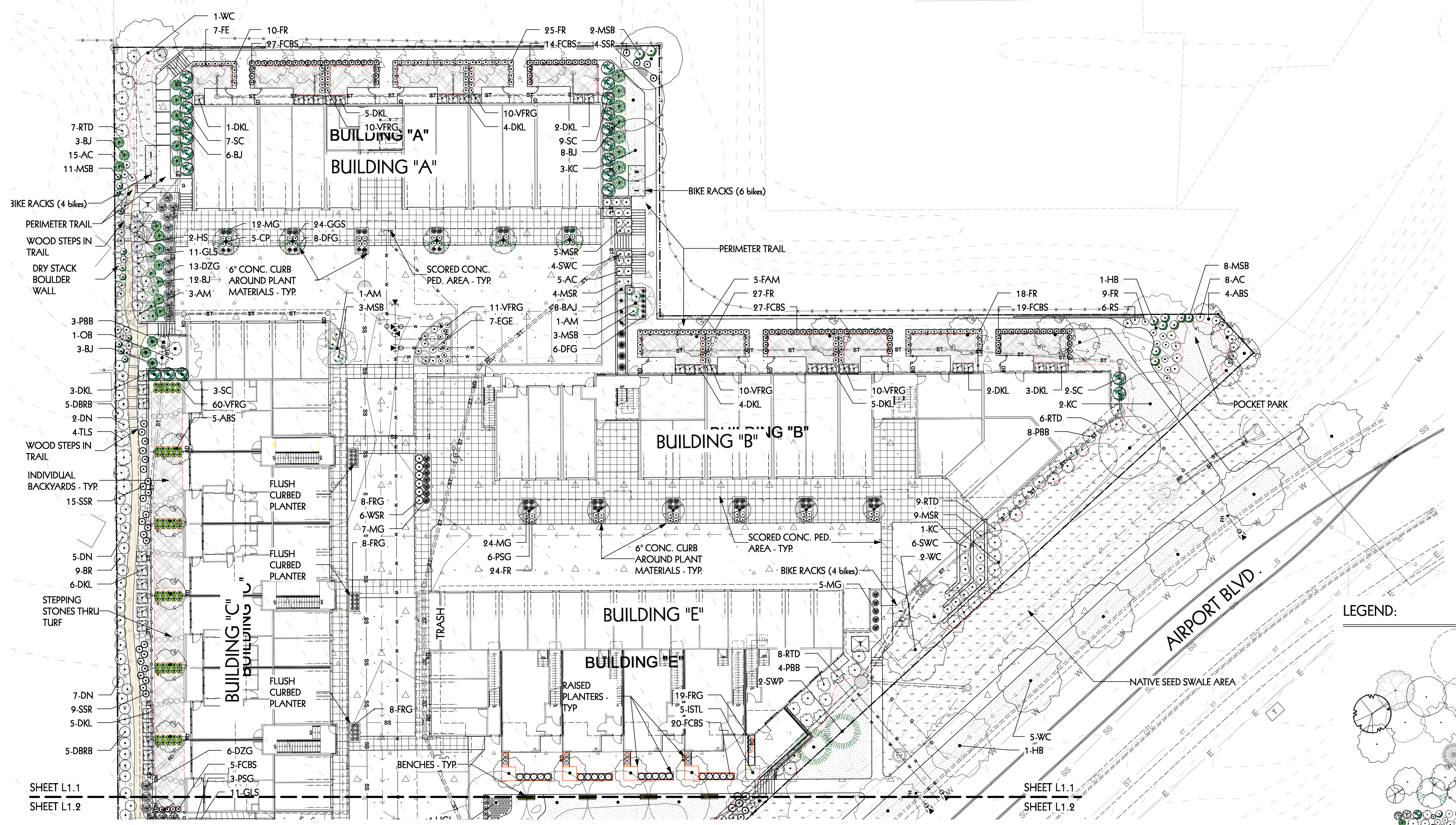
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LANDSCAPE PLAN NORTH

PROJECT NO. B1146

L1.1

SHEET: OF 28



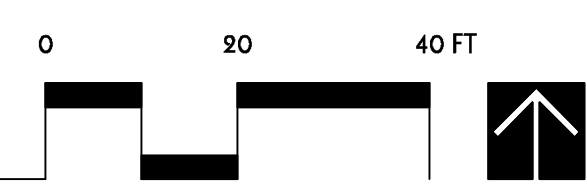
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SHEET L1.1
SHEET L1.2

SHEET L1.1
SHEET L1.2

LANDSCAPE PLAN - NORTH
SCALE: 1"=20'-0"



SHEET L1.1
SHEET L1.2

SHEET L1.1
SHEET L1.2



PREPARED BY:



The Sanitas Group
801 MAIN ST, SUITE 225
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303.481.2710
PROJECT CONTACT:
CURTIS C. STEVENS, P.E.

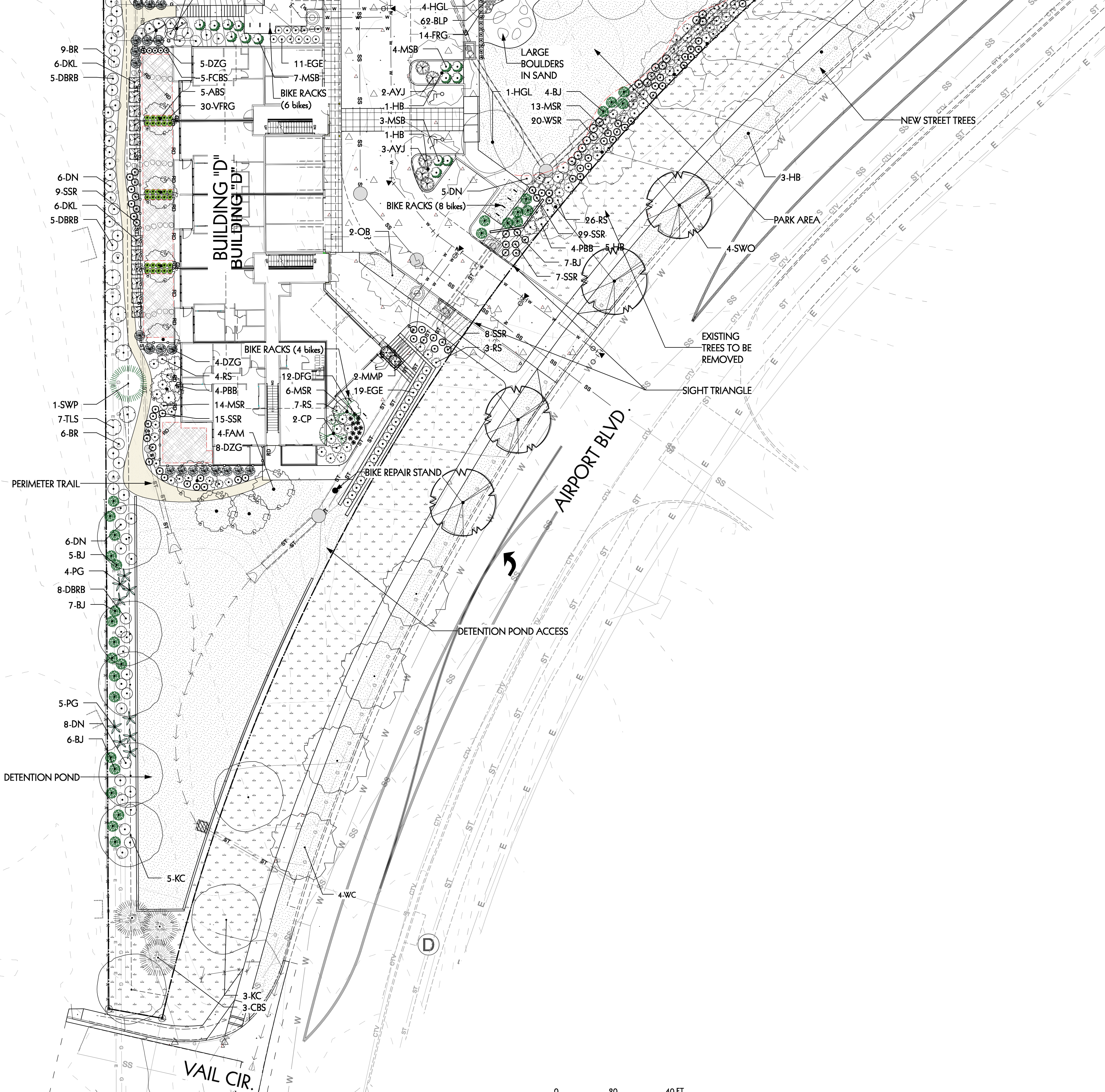
PREPARED FOR:

THISTLE VELO, LCC

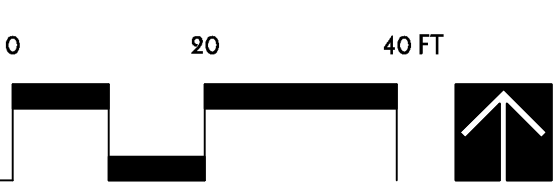
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LANDSCAPE PLAN - SOUTH
SCALE: 1"=20'-0"



LEGEND:

- EXISTING TREE TO BE REMOVED
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- PROPOSED EVERGREEN TREES
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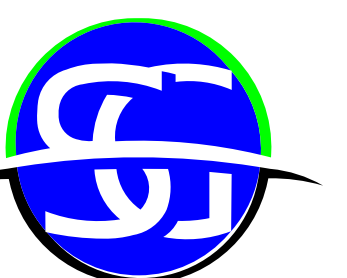
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LANDSCAPE PLAN
NORTH

PROJECT NO. B1146

L1.2

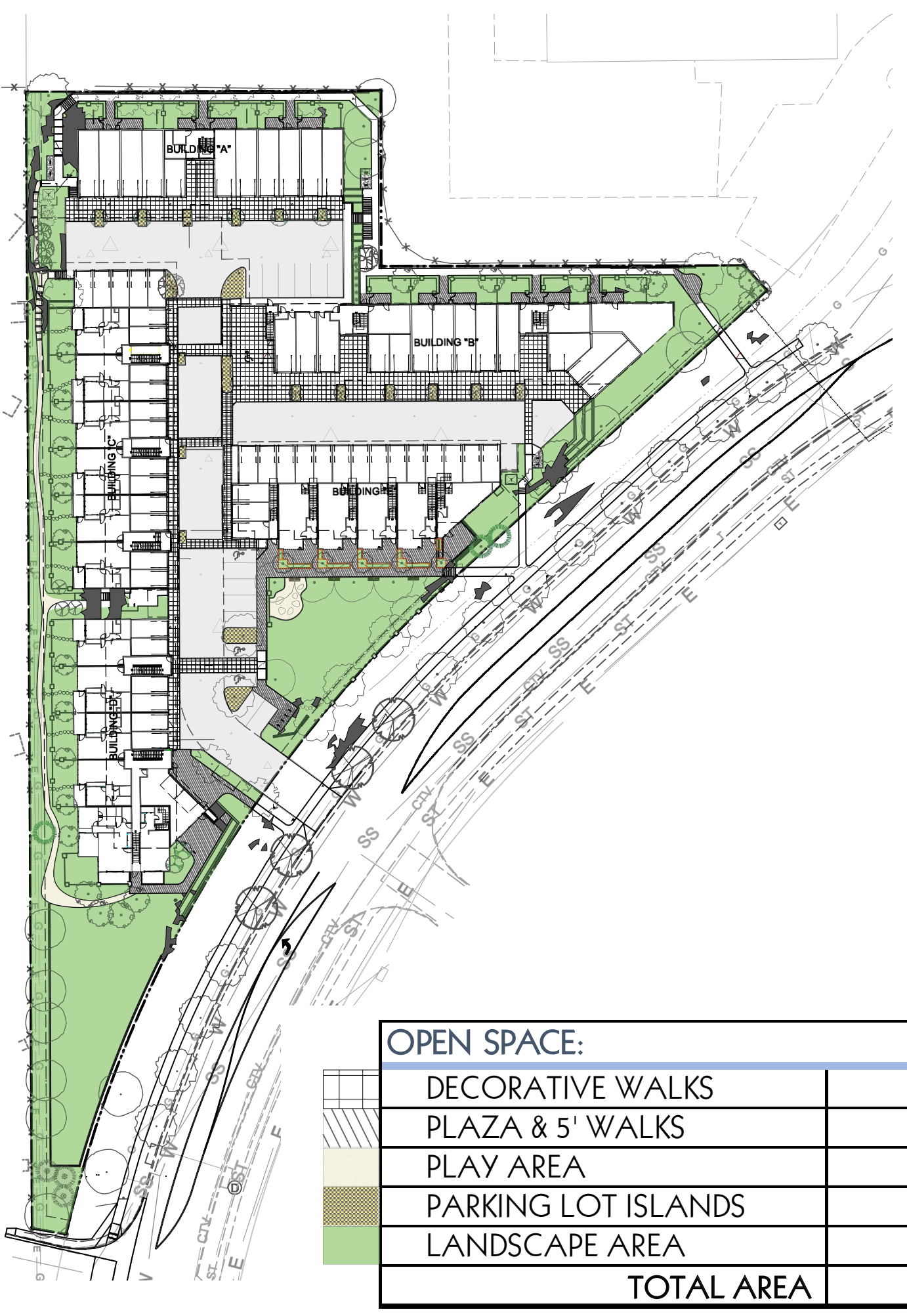
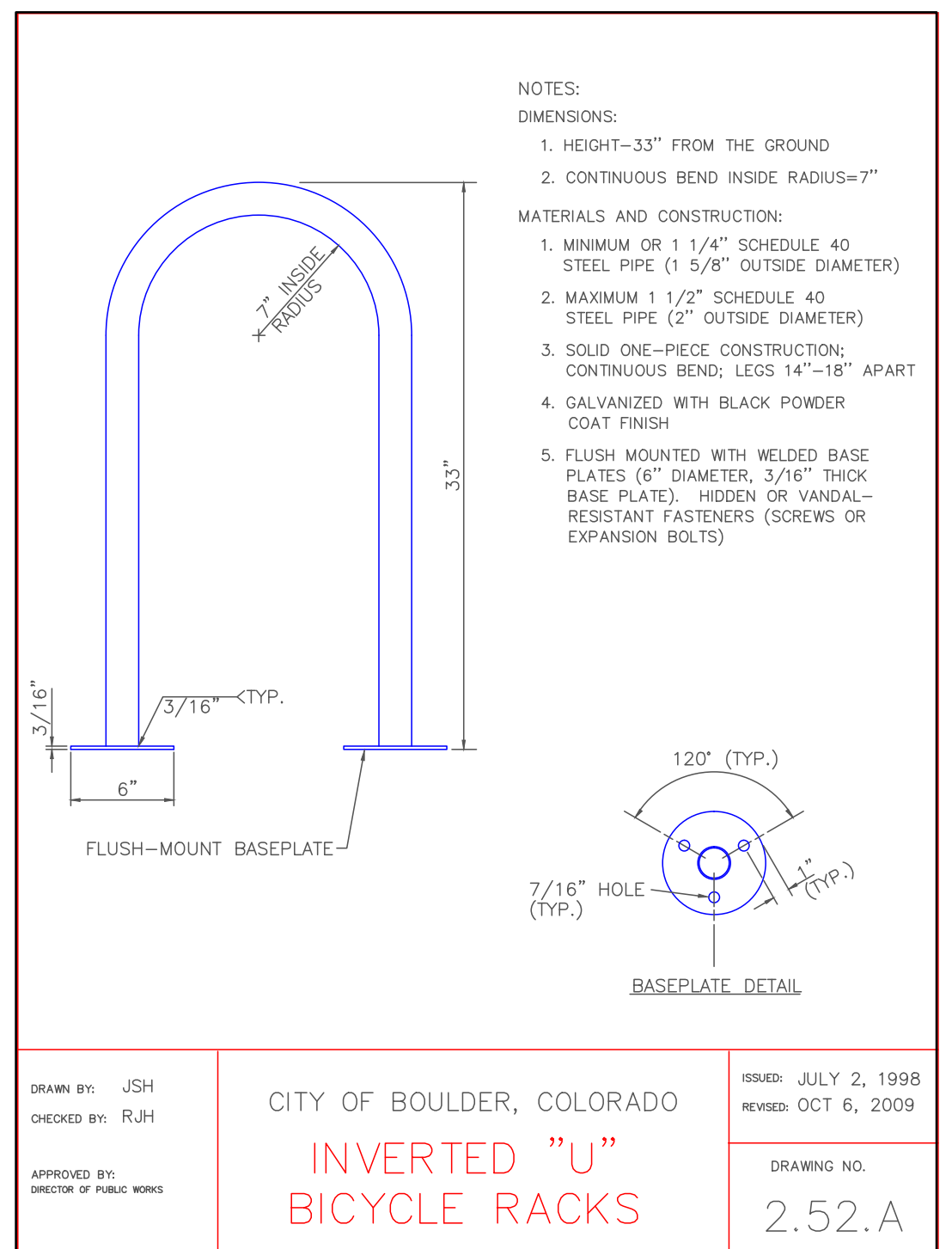
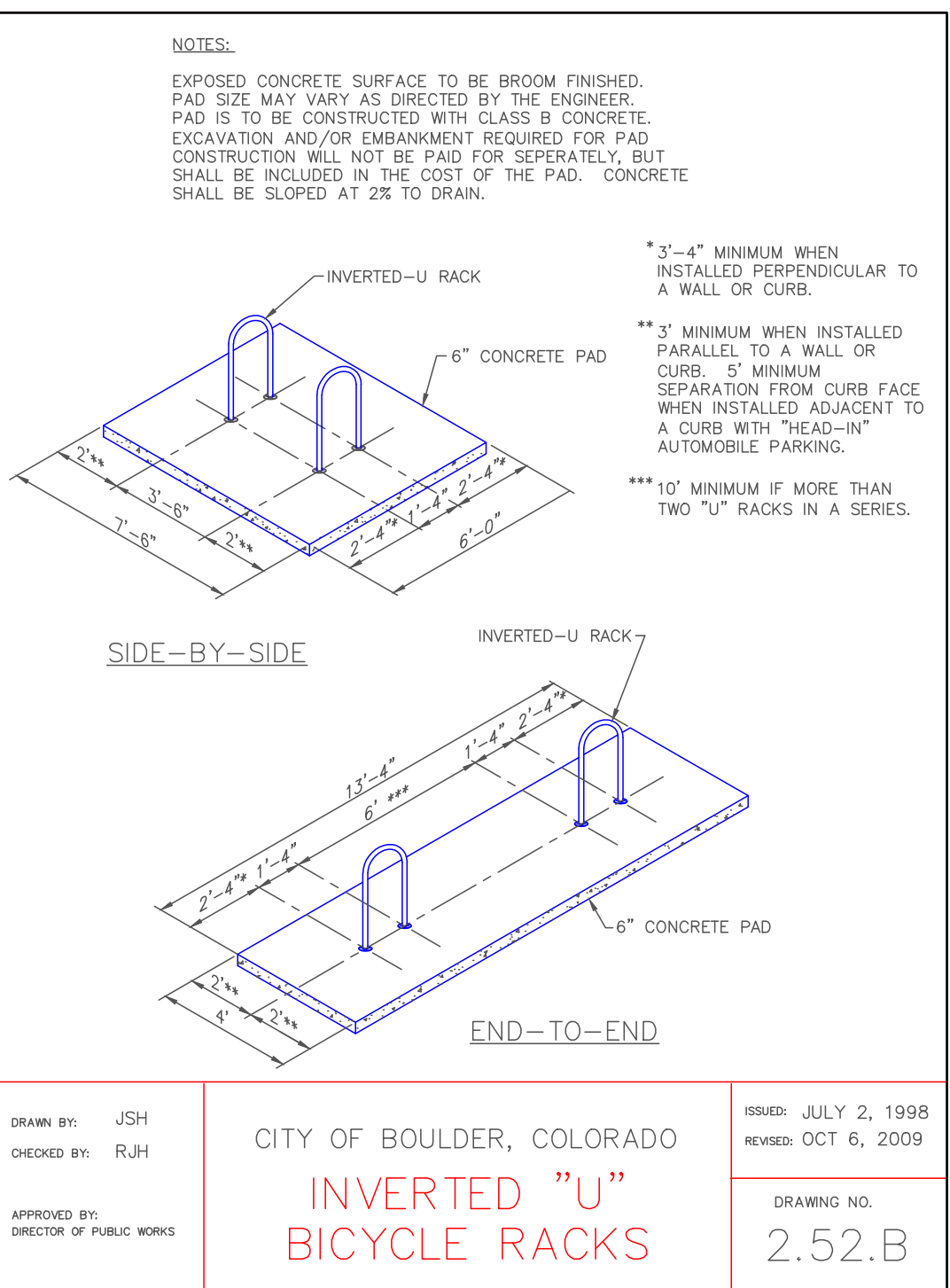
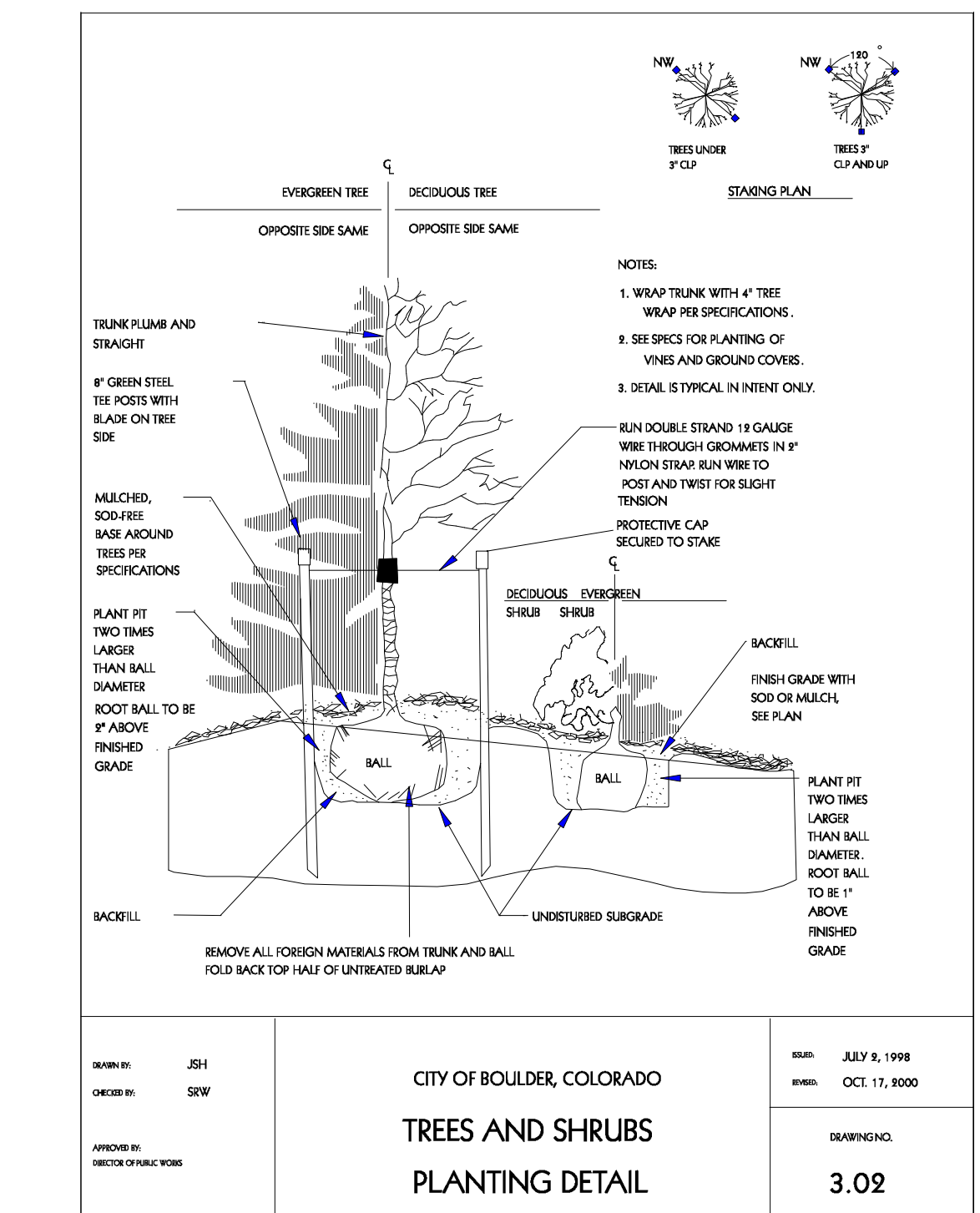
SHEET: OF 28



PLANT LIST: 6/14/19					
c	QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	o.c. SPACING
SHADE TREES:					
FE	7	Ulmus 'Frontier'	Frontier Elm	2' dp.	as shown
HB	13	Celtis occidentalis	Hackberry	2' dp.	as shown
HGL	5	Tilia mongolica 'Harvest Gold'	Harvest Gold Linden	2' dp.	as shown
KC	14	Gymnodadus dioicus	Kentucky Coffeetree	2' dp.	as shown
OB	3	Aesculus glabra	Ohio Buckeye	2' dp.	as shown
PSG	9	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Ginkgo	2' dp.	as shown
SWO	4	Quercus bicolor	Swamp White Oak	2' dp.	as shown
WC	12	Catalpa speciosa	Northern Catalpa	2' dp.	as shown
TOTAL:	67				
EVERGREEN TREES					
BAJ	8	Juniperus scopulorum 'Blue Arrow'	Blue Arrow Juniper	6' ht.	as shown
CBS	3	Picea pungens 'Hoopsii'	Colorado Blue Spruce	6' ht.	as shown
HS	2	Picea pungens 'Hoopsii'	Hoopsii Spruce	6' ht.	as shown
SWP	3	Pinus strobusformis	Southwestern White Pine	6' ht.	as shown
TOTAL:	16				
ORNAMENTAL TREES:					
ABS	14	'Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	1-1/2' dp.	as shown
AM	5	Maackia amurensis	Amur Maackia	1-1/2' dp.	as shown
CP	7	Pyrus calleryana 'Capitol'	Capitol Pear	1-1/2' dp.	as shown
FAM	9	Acer sinnala 'Flame'	Flame Amur Maple	1-1/2' dp.	as shown
ISTL	5	Syringa reticulata 'Ivory Silk'	Ivory Silk Tree Lilac	1-1/2' dp.	as shown
PSG	9	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Ginkgo	1-1/2' dp.	as shown
TOTAL:	49				
SHRUBS:					
AC	28	Ribes alpinum	Alpine Currant	5 gallon	3' o.c.
AYJ	5	Juniperus horizontalis 'Youngstonvn'	Andorra Youngstown Juniper	5 gallon	5' o.c.
BJ	61	Juniperus sabina 'Buffalo'	Buffalo Juniper	5 gallon	4' o.c.
BR	24	Rosa Bonica	Bonica Rose	5 gallon	4' o.c.
DBRB	28	Chrysothamnus nauseosus 'nauseosus'	Dwarf Blue Rabbitbrush	5 gallon	5' o.c.
DKL	52	Syringa meyeri 'Palibin'	Dwarf Korean Lilac	5 gallon	4' o.c.
DN	39	Physocarpus opulifolius 'Nanus'	Dwarf Ninebark	5 gallon	4' o.c.
EGE	37	Euonymus fortunei 'Emerald Gaiety'	Emerald Gaiety Wintercreeper	5 gallon	3' o.c.
FCBS	117	Caenopteris x clandonensis 'First Choice'	First Choice Blue Spirea	5 gallon	3' o.c.
FR	113	Rosa x 'The Fairy'	Fairy Rose	5 gallon	3' o.c.
GGG	24	Spiraea betulifolia 'Tor Gold'	Glow Girl Spirea	5 gallon	3' o.c.
GLS	22	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	5 gallon	5' o.c.
MMP	2	Pinus mugo 'Mops'	Miniature Mugo Pine	5 gallon	5' o.c.
MSB	41	Symphoricarpos x doorenbosii 'Marlene'	Marlene Snowberry	5 gallon	4' o.c.
MSR	51	Rosa 'Morden Sunrise'	Morden Sunrise Rose	5 gallon	3' o.c.
PBB	23	Buddleja davidii 'nanhoensis 'Petite Plum'	Compact Purple Butterfly Bush	5 gallon	5' o.c.
RGB	37	Berberis thunbergii 'Rose Glow'	Rose Glow Japanese Barberry	5 gallon	4' o.c.
RKOR	96	Rosa x 'Rador'	Rainbow Knock Out Rose	5 gallon	3' o.c.
RS	46	Perovskia atriplicifolia	Russian Sage	5 gallon	4' o.c.
RTD	30	Cornus sericea 'Isanti'	Isanti Redtwig Dogwood	5 gallon	5' o.c.
SC	21	Cotoneaster divaricatus	Spreading Cotoneaster	5 gallon	6' o.c.
SSR	96	Rosa 'BALset'	Sunrise Sunset Rose	5 gallon	3' o.c.
SWC	10	Euonymus fortunei 'Sarcocoe'	Sarcocoe Wintercreeper	5 gallon	3' o.c.
TLS	11	Rhus trilobata	Three-Leaf Sumac	5 gallon	5' o.c.
WSR	26	Rosa Meidland White	White Meidland Landscape Rose	5 gallon	4' o.c.
TOTAL:	1040				
ORNAMENTAL GRASSES & VINES:					
DFG	26	Pennisetum alopecuroides 'Hamel'	Dwarf Fountain Grass	1 gallon	1.5' o.c.
DZG	36	Miscanthus sinensis 'Zebra'	Zebra Grass	1 gallon	3' o.c.
FRG	57	Calamagrostis x acutiflora 'Karl Foerster'	Foerster Feather Reed Grass	1 gallon	2' o.c.
MG	48	Miscanthus sinensis 'Morning Light'	Morning Light Maiden Grass	1 gallon	3' o.c.
PG	9	Saccharum ravennae	Plume Grass	1 gallon	4' o.c.
VFRG	141	Calamagrostis x acutiflora 'Overdam'	Overdam Feather Reed Grass	1 gallon	2.5' o.c.
TOTAL:	317				
PERENNIALS:					
BLP	62	Vinca major	Big Leaf Periwinkle	4' pots	12' o.c.
TOTAL:	62				

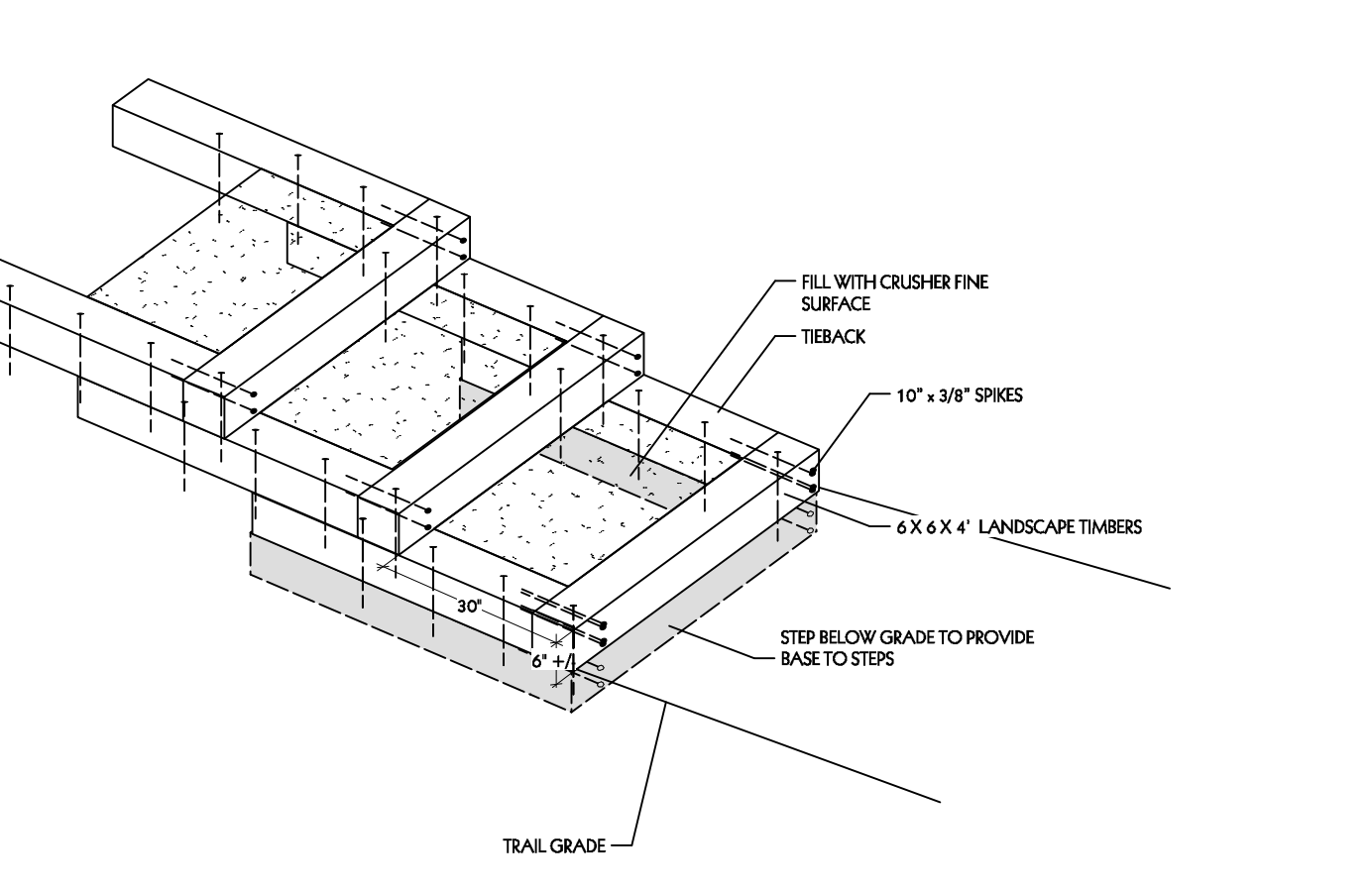
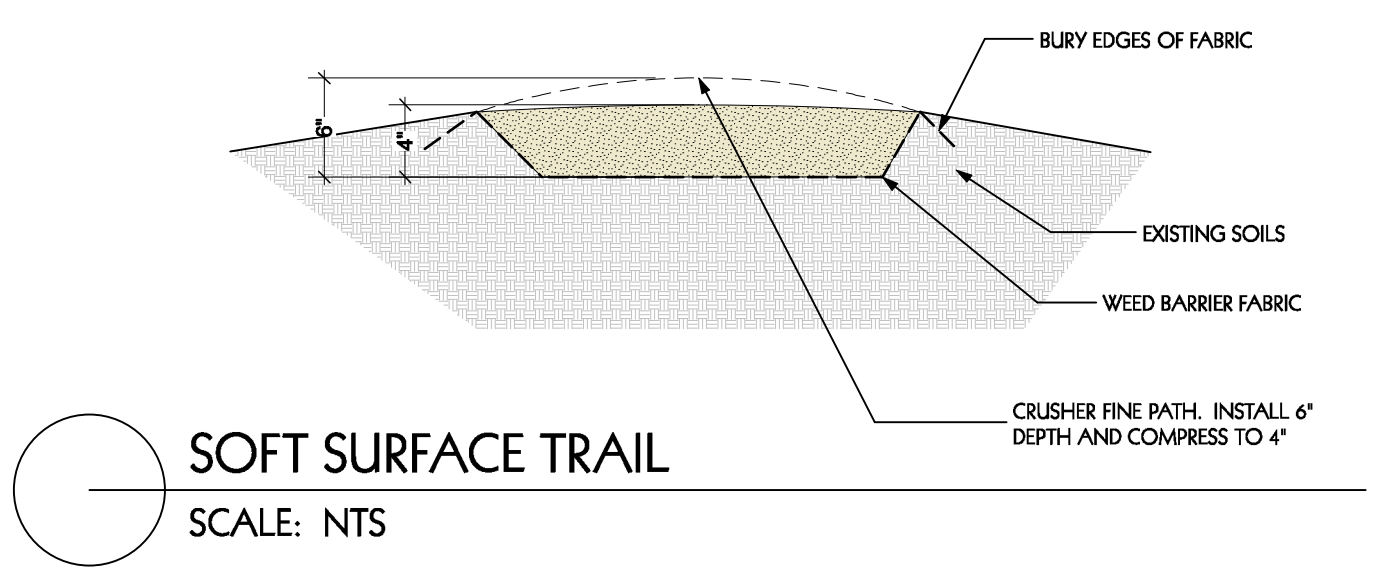
PLANT NOTES:

- ALL PLANT MATERIAL SHALL MEET SPECIFICATIONS OF THE AMERICAN ASSOCIATION OF NURSERYMEN (AAN) FOR NUMBER ONE GRADE. ALL TREES SHALL BE BALLED AND BURLAPPED OR EQUIVALENT. ALL PLANT MATERIALS SHALL HAVE ALL WIRE, TWINE OR OTHER CONTAINMENT MATERIALS, EXCEPT FOR BURLAP, REMOVED FROM TRUNK AND ROOT BALL OF THE PLANT PRIOR TO PLANTING.
- TREES SHALL NOT BE PLANTED CLOSER TO ANY SEWER OR WATER LINE. TREE PLANTING SHALL BE COORDINATED WITH XCEL ENERGY COMPANY. LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED IN THE FIELD PRIOR TO PLANTING.
- ALL SHRUBS SHALL BE PLANTED NO LESS THAN 2' FROM ANY SIDEWALK OR CURB.
- GRADES SHALL BE SET TO ALLOW FOR PROPER DRAINAGE AWAY FROM STRUCTURES. GRADES SHALL MAINTAIN SMOOTH PROFILES AND BE FREE OF SURFACE DEBRIS, BUMPS, AND DEPRESSIONS.
- DEVELOPERS SHALL ENSURE THAT THE LANDSCAPE PLAN IS COORDINATED WITH THE PLANS DONE BY OTHER CONSULTANTS SO THAT THE PROPOSED GRADING, STORM DRAINAGE, OR OTHER CONSTRUCTIONS DOES NOT CONFLICT NOR PRECLUDE INSTALLATION AND MAINTENANCE OF LANDSCAPE ELEMENTS ON THIS PLAN.
- ALL SHRUB BED AREAS SHALL BE MULCHED WITH A 4" LAYER OF WOOD BARK MULCH. PERENNIALS AND GROUND COVER AREAS SHALL BE MULCHED WITH A 4" LAYER OF SHREDDED BARK MULCH. NO FABRIC TO BE INSTALLED IN ANY OF THE BEDS.
- PRIOR TO INSTALLATION OF PLANT MATERIALS, AREAS THAT HAVE BEEN COMPACTED OR DISTURBED BY CONSTRUCTION ACTIVITY SHALL BE THOROUGHLY LOOSENEED, ORGANIC SOIL AMENDMENTS SHALL BE INCORPORATED AT THE RATE OF AT LEAST FIVE (5) CUBIC YARDS PER 1000 SQUARE FEET OF LANDSCAPE AREA IN ALL TURF AND SHRUB BEDS.
- MATCH EXISTING SOD AS BEST AS POSSIBLE.
- ALL LANDSCAPE (PLANT MATERIALS AND GRASS) WILL BE IRRIGATED WITH AN AUTOMATIC SYSTEM. TURF AREAS WILL HAVE A SPRAY ZONE. PLANTS WITH LIKE WATER REQUIREMENTS ARE SHOWN TOGETHER IN ORDER TO HAVE AN EFFICIENT USE OF WATER.
- CONTRACTOR SHALL VERIFY ALL MATERIAL QUANTITIES PRIOR TO INSTALLATION. ACTUAL NUMBER OF PLANT SYMBOLS SHALL HAVE PRIORITY OVER THE QUANTITY DESIGNATED.
- REFER TO THE CITY OF BOULDER DESIGN AND CONSTRUCTION STREETSCAPING STANDARDS FOR ALL WORK WITHIN PUBLIC AREAS, INCLUDING TREE PROTECTION STANDARDS. THE DEVELOPER WILL MAKE EVERY EFFORT POSSIBLE TO PROTECT TREES WITHIN THE SITE USING THE SAME STANDARDS.



OPEN SPACE:		
DECORATIVE WALKS	9,494	
PLAZA & 5' WALKS	5,100	
PLAY AREA	348	
PARKING LOT ISLANDS	1,038	
LANDSCAPE AREA	33,637	
TOTAL AREA	49,617	44%

NOTE: ALL AREAS HAVING SLOPES 3:1 OR GREAT ARE REMOVED FROM THESE AREAS



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LANDSCAPE NOTES & DETAILS

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L2.0

SHEET: OF 28