

WARE

denver, colorado 80206 303.512.0549 www.meuran.con FOR AND ON BEHALF OF WARE MALCOMB

> 36th endr 21250 E Minor

KTS

EXISTING TREE SPECIES INFORMATION*

TREE	SPECIES	MITIGATION CAL. INCHES*	DISPOSITION	MITIGATION VALUE
ON-SI	TE (PRIVATE PROPERTY)			_
1	SPRUCE	-"	REMOVE WITH MITIGATION	\$ 0
2	CATALPA	_"	REMOVE WITH MITIGATION	\$ 0
	TOTAL CAL. INCHES	_"	TOTAL MIT. VALUE	\$ 0

* NUMBERS ACCORDING TO FOREST REPORT BY REBECCA LAMPHEAR, CITY FORESTER.

ON-SITE TREE MITIGATION REQUIREMENTS

CALIPER* INCHES	CALIPER* INCHES	CALIPER* INCHES	AMOUNT PAID				
REMOVED	RELOCATED	REPLACED	TO "TREE				
		FOR MITIGATION	PLANTING FUND"				
- CAL. INCHES	- CAL. INCHES	- CAL. INCHES	\$-				

CALIPER* INCHES REMOVED	CALIPER* INCHES RELOCATED	CALIPER* INCHES REPLACED FOR MITIGATION	AMOUNT PAID TO "TREE PLANTING FUND"
- CAL. INCHES	- CAL. INCHES	- CAL. INCHES	\$-

PLANT LIST

* CALIPER IS THE DIAMETER OF THE TREE TRUNK MEASURED AT A HEIGHT OF 4.5 FEET OR AT BREAST HEIGHT.

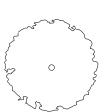
EXISTING TREE LANDSCAPE LEGEND



EXISTING EVERGREEN TREE TO REMAIN, TYP.



EXISTING EVERGREEN TREE TO BE REMOVED AND MITIGATED, TYP.

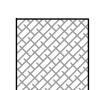


EXISTING DECIDUOUS TREE TO BE REMOVED AND MITIGATED, TYP.

GROUNDCOVER LEGEND:

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	SD2100 KE	ENT

TUCKY BLUEGRASS (25%) NUGLADE (25%) FREEDOM II (25%) AWARD (25%)



— 49.5' GAS EASEMENT

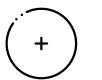
NEW ROCK MULCH TO MATCH EXISTING ROCK MULCH ON SITE

QTY.	SYM.	COMMON/ BOTANIC NAME	SIZE	COMMENTS	WATER USE
		DECIDUOUS SHADE TREES			
3	SH	Shademaster Honeylocust Gleditsia triacanthos var. inermis 'Shademaster'	2 1/2" cal.	Specimen quality, full crown, B&B, staked	LOW
1	SL	Sentry Linden Tilia americana 'Sentry'	2 1/2" cal.	Specimen quality, full crown, B&B, staked	MED
2	СО	Quercus muehlenbergii	2 1/2" cal.	Specimen quality, full crown, B&B, staked	LOW
		ORNAMENTAL TREES			
3	SSC	Spring Snow Crabapple, Malus sp. 'Spring Snow' EVERGREEN TREES	2" cal.	Specimen quality, full crown, B&B, staked	LOW
	4.0			Constant and the full	
3	AP	Austrian Pine Pinus nigra	6'-8' ht.	Specimen quality, full form, B&B, guyed	LOW
		DECIDUOUS SHRUBS			
5	AWS	Anthony Waterer Spirea Spiraea japonica 'Anthony Watere	, 5 gal.	container, 5 canes min. 3' ht., plant 3' o.c.	. MED
31	LRS	Little Spire Russian Sage Perovskia atriplicifolia 'Little Spire	, 5 gal.	container, 5 canes min. 3' ht., plant 3' o.c.	. LOW
25	LDN	Little Devil Ninebark Physocarpus opulifolius 'Little devil'	5 gal.	container, 5 canes min. 3' ht., plant 3' o.c.	LOW
68	SR	Morden Sunrise Shrub Rose Rosa 'Morden Sunrise'	5 gal.	container, 5 canes min. 2' ht., plant 3' o.c.	LOW
11	PBS	Pawnee Buttes Sandcherry Prunus Besseyi 'Pawnee Buttes'	5 gal.	container, 5 canes min. 2' ht., plant 4' o.c.	LOW
-		ORNAMENTAL GRASSES			
16	FRG	Feather Reed Grass Calamagrostis acutiflora 'Karl Foerster'	5 gal.	container, plant 30" o.d	e. LOW
6	BGG	Blue Grama Grass Bouteloua gracillis 'Blonde Ambition'	5 gal.	container, plant 30" o.d	c. LOW

LANDSCAPE LEGEND



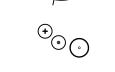
NEW DECIDUOUS SHADE TREE



NEW DECIDUOUS ORNAMENTAL TREE



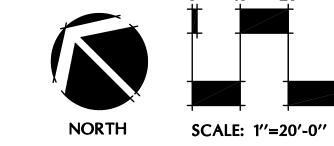
NEW EVERGREEN TREE



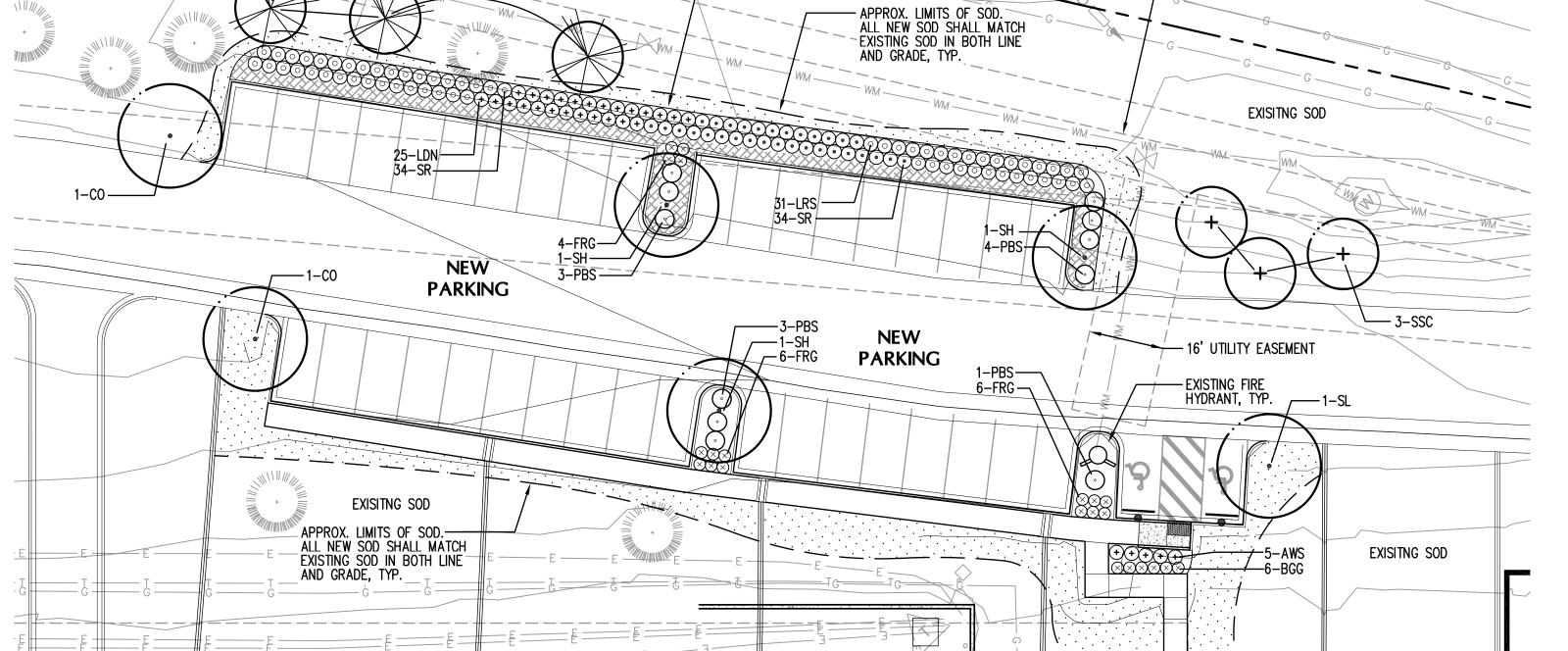
NEW DECIDUOUS SHRUBS

NEW ORNAMENTAL GRASSES

REFER TO SHEET L2 FOR CITY LANDSCAPE REQUIREMENTS, NOTES, AND DETAILS



NOT FOR CONSTRUCTION



BUILDING

BUILDING

TREE MITIGATION PLAN

LANDSCAPE PLAN

—16' UTILITY EASEMENT

FIRE RISER ROOM

2

JOB NO.: 20.108 PA / PM: KTS DRAWN BY: KTS 06/20/2020

PRUNE ALL DAMAGED OR DEAD WOOD IMMEDIATELY PRIOR TO 2'-0" MIN. PLANTING. - DO NOT CUT LEADER SET SHRUB 2" HIGHER THAN THE GRADE AT WHICH IT GREW. SPECIFIED TRUNK ATTACHMENT - APPLY SPECIFIED MULCH - DOUBLE STRAND SPECIFIED WIRE PROVIDE 3 GUY SYSTEMS EQUI-DISTANT AROUND TREE. GUY BACKFILL MIXTURE. TREES AS PER DIAGRAM. - PLACE 1/2" WHITE PVC, 24" LENGTH ON ALL GUYING REMOVE CONTAINER. SPECIFIED WOOD MULCH (4" DEPTH IN ALL AREAS) AND ROOTBALL. -REMOVE ALL TWINE AND WIRE, PULL BURLAP BACK 2/3 MINIMUM SPECIFIED STAKES DRIVEN FLUSH WITH GRADE FERTILIZER. PLANT TOP OF ROOT BALL AT FINAL GRADE W/ WATERING BASIN IN NATIVE GRASS AREAS. PLANT ROOT BALL 3" HIGHER THAN FINAL GRADE IN IRRIGATED LAWN AREAS. ANY BROKEN OR CRUMBLING ROOTBALL WILL BE REJECTED.

anual. These notes shall be added to the plan.

REMOVING THE CONTAINERS WILL NOT BE AN EXCUSE FOR DAMAGED ROOTBALLS.

2. HOLD GRADE 1" BELOW EDGE OF WALK OR CURB. THIS DETAIL SHALL ALSO APPLY TO PERENNIAL FLOWERS IN CONTAINER.

3. ALL JUNIPER PLANTS SHOULD BE PLANTED SO TOP OF ROOT

SHRUB PLANTING DETAIL

N.T.S.

Any trees that are preserved on the site during construction activities shall follow the standard details for Tree Protection per the current Parks, Recreation & Open Space Dedication and Development Criteria manual. Parks, Recreation & Open Space Dedication and Development Criteria

- SPECIFIED BACKFILL/FERTILIZER SET ROOT BALL ON EXISTING UNDISTURBED SUB-SOIL.

BE CAUSE FOR REJECTION DECIDUOUS TREE PLANTING

ROOTBALL

SUBGRADE

- DO NOT CUT SINGLE LEADER, PRUNE DAMAGED OR DEAD WOOD, AND CO—DOMINANT

SPECIFIED TREE STRAP

RE: SPECS FOR TIMING

PLANT TREE 3" ABOVE FINAL TOP ROOTBALL GRADE

GRADE TO SLOPE AWAY FROM

- REMOVE ALL TWINE AND WIRE, PULL BURLAP BACK 2/3 MINIMUM

UNDISTURBED OR COMPACTED

SETTLING OF ROOTBALL SHALL

ALIGN NW/SE

- SPECIFIED POSTS

LEADERS AT LANDSCAPE ARCHITECT'S DIRECTION ONLY.

WRAP ENTIRE SURFACE OF TRUNK UP TO SECOND BRANCH WITH SPECIFIED WRAPPING SECURED AT TOP AND BOTTOM & AT TWO FOOT INTERVALS.

- RE: FINAL TOP ROOTBALL GRADE

N.T.S.

IN GRASS AREAS.

NOTES:

EVERGREEN TREE PLANTING

2. DO NOT PROVIDE WATER BASIN IN IRRIGATED LAWN AREAS.

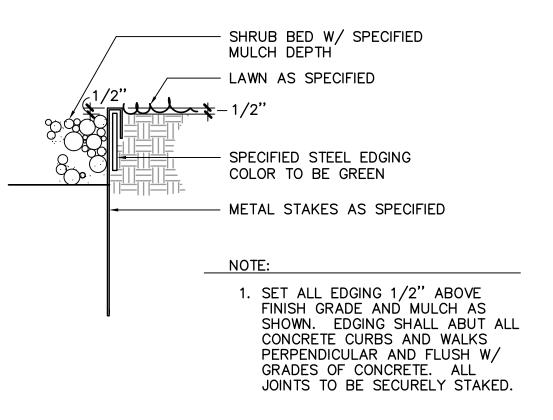
1. INSTALL SPECIFIED MULCH TO DRIPLINE OF TREE WHERE PLANTED

N.T.S.

CONCRETE CURB OR SIDEWALK HOLD GRADE 1 IN. SEE PLANS BELOW EDGE SET ORNAMENTAL GRASS AT THE GRADE AT WHICH SPECIFIED MULCH " DEEP HAND LOOSEN ROOTS OF CONTAINERIZED MATERIAL, TYP. 4" MIN. REMOVE CONTAINER SPECIFIED BACKFILL MIXTURE

ORNAMENTAL GRASS DETAIL

N.T.S.



STEEL EDGER DETAIL

N.T.S.

TARIE OF NON STREET FRONTACE RIFEED LANDSCAPE RECLIBEMENTS

TABLE OF NON-STREET FRONTAGE BUFFER LAINDSCAPE REQUIREMENTS								
FRONTAGE DISCRIPTION BUFFER DISCRIPTION LENGTH/ADJ. LAND USE	WIDTH REQUIRED	WIDTH PROVIDED	BUFFER REDUCTION FEATURES	# TREES REQUIRED	# SHRUBS REQUIRED	# TREES PROVIDED	"	# PERENNIALS/ ORN. GRASSES PROVIDED
NORTH NON—STREET LANDSCAPE BUFFER 190 L.F. (disturbed)	25'	25'	STANDARD DESIGN PLUS XERISCAPE	(1 TREE/40 L.F.) 5	(5 SHRUBS/40 L.F.) 24	6	24	_
			TOTALS	5	24	6	24	_

- 1. THE TURF AREAS, AS WELL AS THE SHRUB BEDS SHALL BE ROTOTILLED WITH PURE ORGANIC COMPOST MATTER AT A RATE OF 4 CUBIC YARDS PER 1,000 SQUARE FEET. THIS PREPARATION SHALL BE THOROUGHLY INCORPORATED INTO THE TOP 6" OF
- 2. ALL SHRUB BEDS AND MULCH AREAS ARE TO BE CONTAINED WITH STEEL EDGER (NOT REQUIRED AT CURB, WALKS OR BUILDING). COLOR TO BE DARK GREEN.
- 3. ALL LANDSCAPED AREAS AND PLANT MATERIAL, EXCEPT FOR NON-IRRIGATED NATIVE, RESTORATIVE, AND DRYLAND GRASS AREAS THAT COMPLY WITH REQUIREMENTS FOUND IN SEC. 146-1429, 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.
- 4. ALL UTILITY EASEMENTS SHALL REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE ALONG THIER ENTIRE LENGTH FOR MAINTENANCE EQUIPMENT ENTRY.
- 5. THE DEVELOPER, HIS SUCCESSORS AND ASSIGNS, SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REPLACEMENT OF ALL SITE 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.
- 6. SITE LIGHTING SHALL CONSIST OF:

LANDSCAPE NOTES:

BUILDING EXTERIOR - RE: SITE LIGHTING PLAN

- 7. ALL VEHICULAR DRIVES AND PARKING AREAS TO BE CONSTRUCTED OF ASPHALT, ALL PEDESTRIAN WALKS INSIDE OF STORAGE AREA TO BE CONSTRUCTED OF ASPHALT, ALL PEDESTRIAN SIDEWALKS ADJACENT TO PUBLIC STREETS TO BE CONSTRUCTED OF CONCRETE, AND THE STORAGE AREA TO BE CONSTRUCTED OF RECYCLED ASPHALT.
- LANDSCAPE MATERIALS SHALL NOT BE PLACED OR KEPT NEAR FIRE HYDRANTS, FIRE DEPARTMENT INLET CONNECTIONS OR FIRE PRO-TECTION CONTROL VALVES IN A MANNER THAT WOULD PREVENT SUCH EQUIPMENT OR FIRE HYDRANTS FROM BEING IMMEDIATELY DISCERNABLE. THE FIRE DEPARTMENT SHALL NOT BE DETERRED OR HINDERED FROM GAINING IMMEDIATE ACCESS TO FIRE PROTECTION EQUIPMENT OR HYDRANTS.
- ALL FIRE HYDRANTS WILL BE LOCATED NOT LESS THAN THREE FEET-SIX INCHES (3'-6") AND NOT MORE THAN EIGHT (8) FEET FROM THE BACK OF CURB TO THE CENTER OF THE HYDRANT, UNOBSTRUCTED ON THE STREET SIDE WITH A MINIMUM CLEARANCE ON ALL OTHER SIDES WILL BE FIVE (5) FEET.
- LANDSCAPING MATERIAL SHOWN WITHIN THE SITE PLAN CANNOT ENCROACH INTO ROADWAYS THAT ARE DEDICATED (OR DESIG-NATED) AS FIRE LANE EASEMENTS (OR CORRIDORS).
- 11. A 5-FOOT CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF FIRE HYDRANTS.
- 12. ALL PROPOSED PLANTS WITHIN THE SIGHT TRIANGLES MUST COMPLY WITH THE CITY OF AURORA ROADWAY SPECIFICATIONS, SECTION 4.04.2.10.

4" DEEP. SEE SPECIFICATIONS FOR FERTILIZER APPLICATION IN DIG PLANT PIT TWICE AS WIDE AS THE CONTAINER OR MORE. LOOSEN SIDES OF PLANT PIT FILL PLANT PIT WITH SPECIFIED SOIL MIX INCLUDING SPECIFIED

CONCRETE CURB OR SIDEWALK.

MASS OCCURS AT FINISH GRADE OF MULCH LAYER.

