LANDSCAPE CALCULATIONS

LANDSCAPE SETBACKS

STREET NAME OR BOUNDARY	STREET CLASSIFICATION	WIDTH REQUIRED/PROVIDED	LINEAR FOOTAGE	TREE/FEET REQUIRED	NO. OF TREES REQUIRED/PROVIDED
MEADOWBROOK PARKWAY (NORTH BOUNDARY)	NONARTERIAL		336'-8"	1 TREE/30'	12 TREES/*12 TREES
MARKSHEFFEL ROAD (EAST BOUNDARY)	MAJOR ARTERIAL	25'/25'	214'-6"	1 TREE/20'	11 TREES/11 TREES
SOUTH ZONE BOUNDARY	NONSTREET ZONE BOUNDARY	-	285'-1"	1 TREE/30'	10 TREES/**100 SHRUBS
WEST ZONE BOUNDARY	NONSTREET ZONE BOUNDARY	-	148'-5"	1 TREE/30'	5 TREES/5 TREES

* PER 7.4.320[E(3)], SOME REQUIRED LANDSCAPE SETBACK TREES ARE LOCATED WITHIN 50' OF THE PROPERTY LINE DUE TO EXISTING EASEMENT. ** DUE TO EXISTING EASEMENT, TREES ARE UNABLE TO BE PLANTED ALONG SOUTH BOUNDARY. TEN (10 SHRUBS WITH A MINIMUM CONTAINER SIZE OF FIVE (5) GALLONS HAVE BEEN PROVIDED PER EACH REQUIRED TREE. DUE TO LIMITED SPACE, 56 SHRUBS HAVE BEEN PROVIDED ALONG SOUTH BOUNDARY. THE REMAINING 44 SHRUBS REQUIRED HAVE BEEN PROVIDED IN THE NORTHEAST AND NORTHWEST CORNERS.

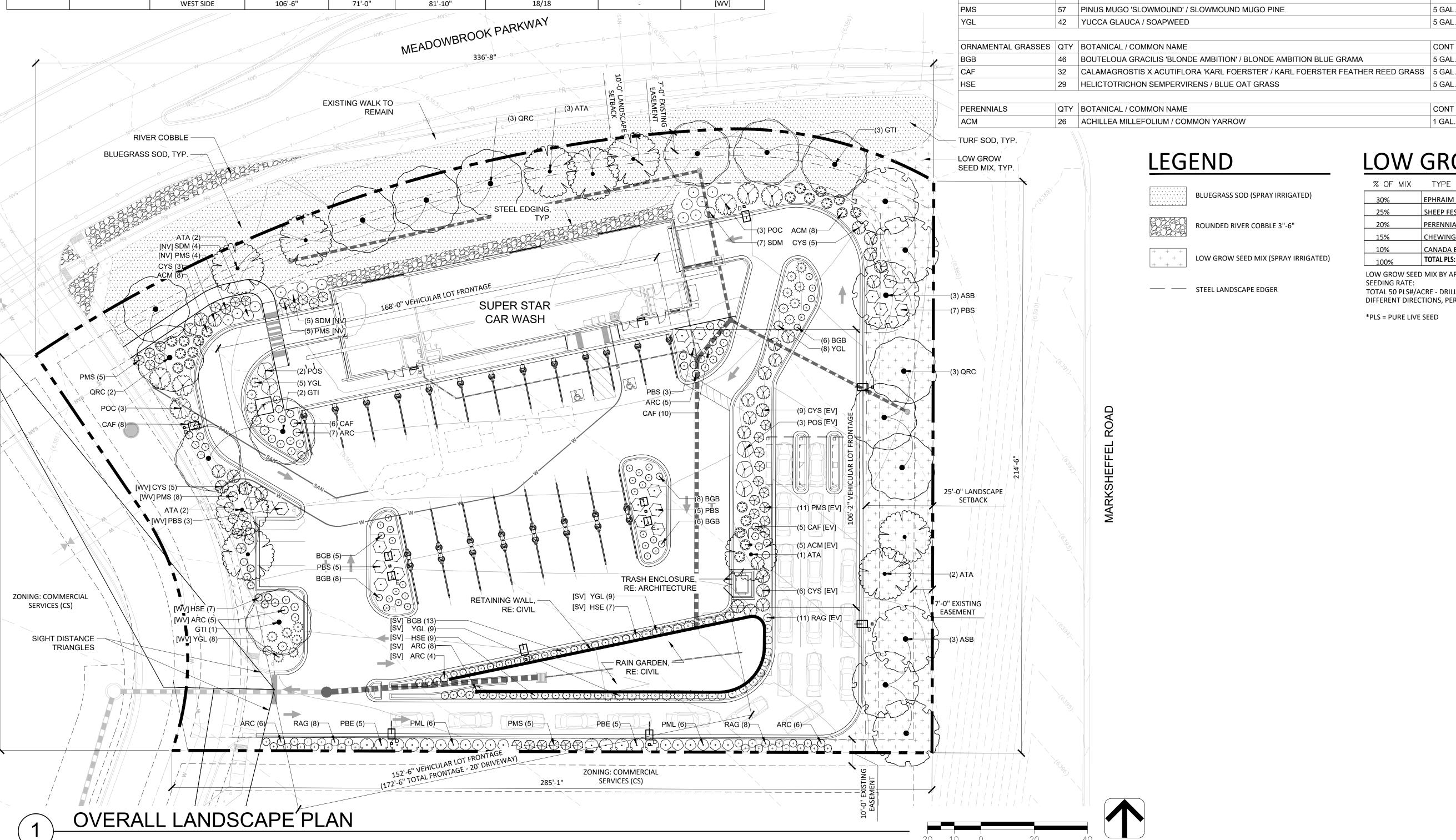
INTERNAL LANDSCAPE

NET SITE AREA (SF)	PERCENT MINIMUM	INTERNAL AREA	INTERNAL TREES	
INET SITE AINEA (SI)	INTERNAL AREA	REQUIRED/PROVIDED (SF)	REQUIRED/PROVIDED	
64,658 SF	5%	3,233 SF/6,776 SF	7 TREES/8 TREES	

The code states that half the amount of trees may be substituted with shrubs when a sign is obstructed, meaning 50 (1 tree = 10 shrubs), since 100 is being provided and no sign is obstructed, this is an alternative from the code, please title this as "Alternative landscape plan" and provide a discussion in the letter of intent stating there is an alternative and the justification.

MOTOR VEHICLE LOT

	VEHICLE SPACES PROVIDED	SHADE TREES REQUIRED/PROVIDED	VEHICLE LOT FRONTAGE	LENGTH OF FRONTAGE (EXCLUDING DRIVEWAYS)		MIN. 3' SCREENING PLANT FRONTAGE PROVIDED (LF)	EVERGREEN PLANTS/DECIDUOUS PLANTS PROVIDED		VEHICLE LOT PLANT ABBREVIATION ON PLAN
			MEADOWBROOK PARKWAY	168'-0"	112'-0"	45'-8" + BUILDING WALL	9/9	122'-4"	[NV]
	21	3 TREES/3 TREES	MARKSHEFFAL ROAD	106'-2"	70'-8"	138'-0"	26/24	-	[EV]
	31		SOUTH SIDE	152'-6"	101'-7"	119'-7"	30/29	-	[SV]
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PLANTING SCHEDULE

TREES	QTY	BOTANICAL / COMMON NAME	CONT	CAL	MATURE HEIGHT	MATURE WIDTH	ASSOCIATES
ASB	6	ACER SACCHARUM 'BAILSTA' TM / FALL FIESTA SUGAR MAPLE	B&B	2"	40 - 65FT. HT.	25 - 40FT W.	
ATA	12	ACER TATARICUM 'GARANN' / HOT WINGS® TATARIAN MAPLE	B&B	2"	15 - 25FT. HT.	15 - 25FT. W.	3665 JFK PARKWAY BUILDING 2, SUITE 100
GTI	6	GLEDITSIA TRIACANTHOS INERMIS 'IMPCOLE' TM / IMPERIAL HONEY LOCUST	B&B	2"	25 - 40FT. HT.	25 - 40FT. W.	FORT COLLINS, CO
QRC	10	QUERCUS ROBUR X MACROCARPA 'CLEMONS' TM / HERITAGE OAK	B&B	2"	40 - F' HT.	25 - 40FT' W.	80525
							262.522.4901
DECIDUOUS SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT		MATURE HEIGHT	MATURE WIDTH	www.AyresAssociates.com
PML	12	PHILADELPHUS MICROPHYLLUS 'LITTLELEAF' / LITTLELEAF MOCKORAGE	5 GAL.		4 - 5FT. HT.	5FT. W.	
POC	9	PHYSOCARPUS OPULIFOLIUS 'CENTER GLOW' / CENTER GLOW NINEBARK	5 GAL.		6 - 10FT. HT.	6 - 8FT. W.	
POS	7	PHYSOCARPUS OPULIFOLIUS 'SEWARD' / SUMMER WINE® NINEBARK	5 GAL.		3 - 6FT. HT.	3 - 6FT. W.	
PBE	10	PRUNUS BESSEYI / WESTERN SAND CHERRY	5 GAL.		12 - 18IN. HT.	4 - 6FT. W.	
PBS	23	PRUNUS BESSEYI 'P011S' TM / PAWNEE BUTTES SAND CHERRY	5 GAL.		6 - 18IN. HT.	3 - 6FT. W.	
RAG	27	RIBES ALPINUM 'GREEN MOUND' / GREEN MOUND ALPINE CURRANT	5 GAL.		2 - 3FT. HT.	2 - 3FT. W.	
SDM	24	SYMPHORICARPOS X DOORENBOSII 'MARLEEN' / MARLEEN SNOWBERRY	5 GAL.		3 HT.	3FT. W.	
	•		•				
EVERGREEN SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT		MATURE HEIGHT	MATURE WIDTH	
ARC	41	ARCTOSTAPHYLOS X COLORADENSIS / COLORADO MANZANITA	5 GAL.		6 - 18IN. HT.	10 - 15FT. W.	
CYS	37	CYTISUS SCOPARIUS / SCOTCH BROOM	5 GAL.		4 - 6FT. HT.	4 - 6FT. W.	
PMS	57	PINUS MUGO 'SLOWMOUND' / SLOWMOUND MUGO PINE	5 GAL.		18 - 36IN. HT.	3 - 6FT. W.	
YGL	42	YUCCA GLAUCA / SOAPWEED	5 GAL.		2 - 4FT. HT.	2 - 4FT. W.	
ORNAMENTAL GRASSES	QTY	BOTANICAL / COMMON NAME	CONT		MATURE HEIGHT	MATURE WIDTH	
BGB	46	BOUTELOUA GRACILIS 'BLONDE AMBITION' / BLONDE AMBITION BLUE GRAMA	5 GAL.		18 - 36IN. HT.	1 - 3FT. W.	
CAF	32	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER' / KARL FOERSTER FEATHER REED GRASS	5 GAL.		3 - 6FT. HT.	1 - 3FT. W.	

LEGEND

 BLUEGRASS SOD (SPRAY IRRIGATED)
ROUNDED RIVER COBBLE 3"-6"

STEEL LANDSCAPE EDGER

LOW GROW SEED MIX (SPRAY IRRIGATED)

18 - 36IN. HT.

2 - 3FT. HT.

1 - 3FT. W.

1 - 3FT. W.

MATURE HEIGHT | MATURE WIDTH

% OF MIX	TYPE	POUNDS PLS*
30%	EPHRAIM CRESTED WHEATGRASS	15
25%	SHEEP FESCUE	12
20%	PERENNIAL RYE	10
15%	CHEWINGS FESCUE	8
10%	CANADA BLUEGRASS	5
100%	TOTAL PLS:	50

LOW GROW SEED MIX BY ARKANSAS VALLEY SEED

1 GAL.

*PLS = PURE LIVE SEED

LOW GROW SEED MIX

TYPE	POUNDS PLS*
EPHRAIM CRESTED WHEATGRASS	15
SHEEP FESCUE	12
PERENNIAL RYE	10
CHEWINGS FESCUE	8
CANADA BLUEGRASS	5
TOTAL PLS:	50
	EPHRAIM CRESTED WHEATGRASS SHEEP FESCUE PERENNIAL RYE CHEWINGS FESCUE CANADA BLUEGRASS

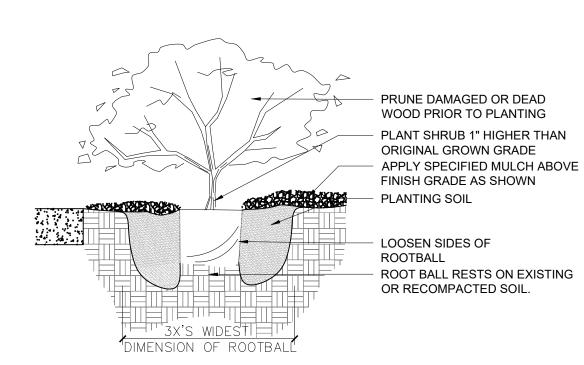
SEEDING RATE: TOTAL 50 PLS#/ACRE - DRILL SEEDED AT HALF RATE; TWO DIFFERENT DIRECTIONS, PERPENDICULAR TO ONE ANOTHER.

MEADOWBROOK COLORADO SPRING,

Drawn By: Checked By: Project No. 24-0409

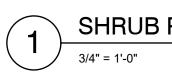
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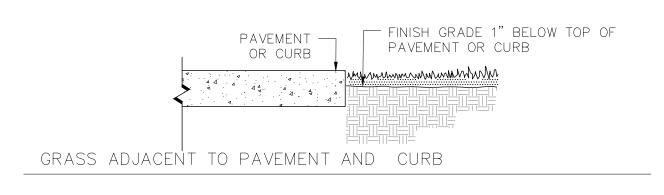
NOTES: 1. EVERGREEN SHRUBS SHALL BE PLANTED NO CLOSER THAN 3' TO CLOSEST PAVEMENT

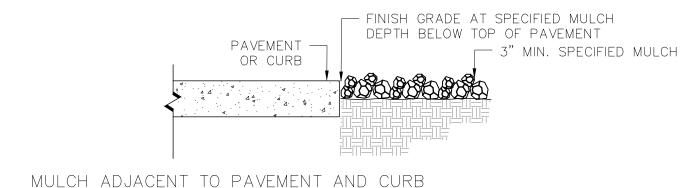
- 2. ALL PLANT CONTAINERS TO BE REMOVED PRIOR TO PLANTING.
- 3. BACKFILL AND WATER IN THOROUGHLY.
- 4. BROKEN ROOT BALLS WILL BE REJECTED.

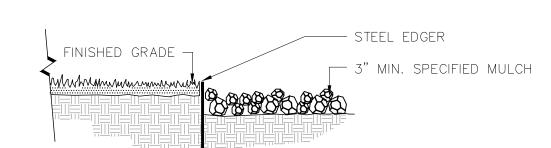


SHRUB PLANTING

P-2022-BEL-03



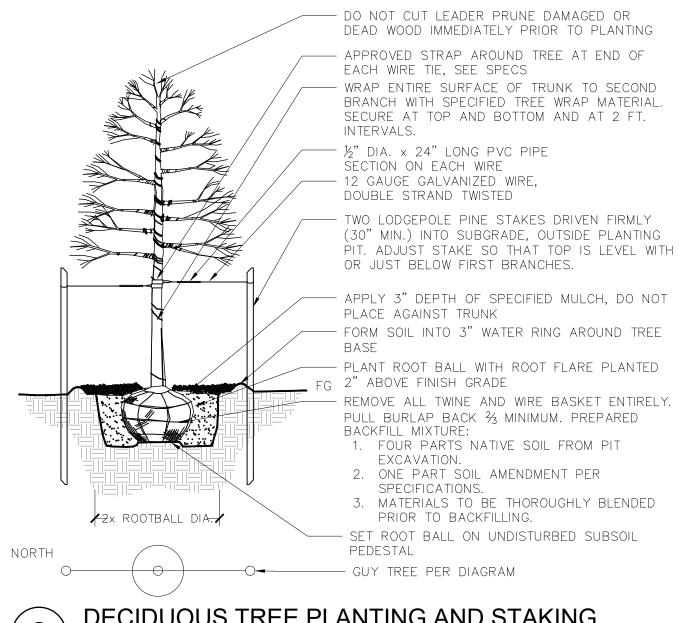




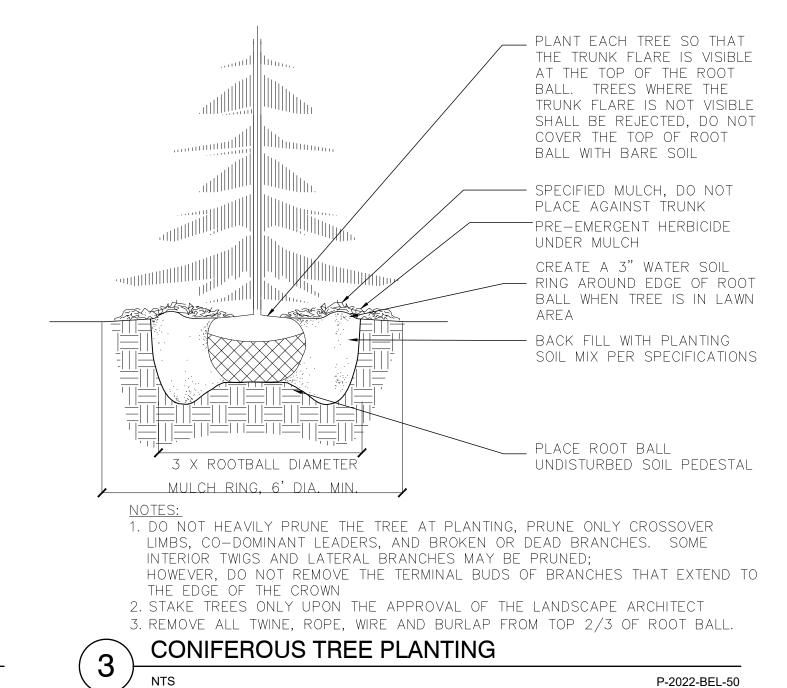
ADJACENT GRASS & MULCH - STEEL EDGE



BED EDGING P-2022-BEL-04



DECIDUOUS TREE PLANTING AND STAKING P-2022-BEL-01



PLANTING & LANDSCAPE NOTES:

- 1. ALL LANDSCAPE AREAS SHALL BE WATERED BY A FULLY AUTOMATIC IRRIGATION SYSTEM WITH CODE COMPLIANT BACK FLOW PREVENTION MEASURES. BEDS WILL BE WATERED VIA DRIP IRRIGATION BELOW THE MULCH SURFACE. NATIVE SEED AND SOD AREAS WILL BE WATERED VIA OVERLAPPING, HEAD TO HEAD SPRAY COVERAGE. OWNER TO BE RESPONSIBLE FOR IRRIGATION MAINTENANCE.
- 2. THIS PLAN DESCRIBES THE LANDSCAPE PORTION OF THE PROJECT ONLY. SEE OTHER SHEETS FOR SITE IMPROVEMENT INFORMATION.
- CONTRACTOR TO FIELD VERIFY ALL UTILITY LOCATIONS AND DIMENSIONS. MINOR ADJUSTMENTS TO AVOID UTILITY AND SITE CONFLICTS ARE ALLOWED. LANDSCAPE ARCHITECT SHALL BE NOTIFIED OF ANY NOTABLE CONFLICTS AND PROPOSED SOLUTIONS.
- 4. ALL PLANTING BEDS ADJACENT TO LAWN SHALL HAVE STEEL EDGING AS INDICATED ON PLANS.
- 5. TREE LOCATIONS ARE APPROXIMATE, CONTRACTOR TO FIELD VERIFY BEFORE PLANTING TO AVOID UTILITIES AND OTHER OBSTACLES.
- CONTRACTOR IS RESPONSIBLE FOR FINAL PRODUCT TO MEET ALL LOCAL AND STATE REQUIREMENTS.
- 7. CONTRACTOR TO MINIMIZE DISTURBANCE TO ESTABLISHED LAWN AND IRRIGATION SYSTEM AND REPLACE EXISTING LAWN THAT IS UNSATISFACTORY TO OWNER OR ARCHITECT.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL CONCURRENT WORK BY OTHER TRADES. PROVIDE SLEEVES AS REQUIRED FOR DRAINAGE, IRRIGATION, AND ELECTRICAL LINES. IRRIGATION AND ELECTRICAL SLEEVES AND SUBSURFACE DRAINAGE SYSTEMS SHALL BE CONSTRUCTED PRIOR TO PAVING AND LANDSCAPE WORK.
- 9. EXISTING BUILDINGS, GRADING, EASEMENTS, AND UTILITIES ARE BASED ON SURVEY INFORMATION PROVIDED BY OTHERS.
- 10. VERIFY ALL CONDITIONS AT JOB SITE AND NOTIFY LANDSCAPE ARCHITECT OF DIMENSIONAL ERRORS, OMISSIONS, OR DISCREPANCIES BEFORE BEGINNING WORK.
- 11. THE LANDSCAPE ARCHITECT ASSUMES NO RESPONSIBILITY FOR THE UTILITIES OR STRUCTURES NOT SHOWN ON THE DRAWINGS. CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING OVER OR NEAR EXISTING GAS MAINS AND ELECTRICAL LINES. CONTRACTOR IS TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES, ABOVE AND BELOW GRADE, PRIOR TO EXCAVATION OR TRENCHING. NOTIFY ARCHITECT OF ANY DISCREPANCIES OR CONFLICTS. DAMAGE SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- 12. LAYOUT OF ALL SITE FURNISHINGS, INCLUDING BENCHES, TRASH RECEPTACLES, AND BIKE RACKS IS TO BE STAKED IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. WHERE CONCRETE FOOTINGS ARE REQUIRES FOR FURNITURE. THEY ARE TO BE STAKED AND VERIFIED IN THE FIELD PRIOR TO INSTALLING ADJACENT PAVEMENT OR FINISHES.
- 13. ALL LAYOUT DIMENSIONS ARE TWO DIMENSIONAL, NO VERTICAL CHANGE IS ACCOUNTED FOR IN MEASUREMENTS. ACTUAL LENGTH MAY VARY FROM PLANS.
- 14. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
- 15. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE. ALL SUCH IMPROVEMENTS AND STRUCTURE DAMAGED BY THE CONTRACTORS OPERATIONS SHALL BE REPAIRED AND RECONSTRUCTED SATISFACTORY TO THE ARCHITECT AT THE **OWNERS EXPENSE**
- 16. CONTOUR LINES ARE SHOWN ON LANDSCAPE PLANS FOR REFERENCE ONLY REFERENCE CIVIL DRAWING FOR ACTUAL INFORMATION.
- 17. TREES AND SHRUBS SHALL BE PLANTED PER DETAILS. STAKE AND GUY TREES PER DETAILS. TREE AND SHRUBS BED LOCATIONS SHALL BE APPROVED PRIOR TO PLANTING.
- 18. CONTRACTOR TO REVIEW PLANT LIST DURING BIDDING AND PROVIDE COMMENTS ON ANY PLANT MATERIAL AND PLACEMENT AND PROVIDE ALTERNATIVE.
- 19. QUANTITIES PROVIDED IN SCHEDULE ARE FOR CONVENIENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE QUANTITIES SHOWN AND THE PLAN AND MEETING THE DESIGN INTENT
- 20. OWNER TO PERFORM ONGOING MAINTENANCE CONSISTENT WITH CITY OF ERIE STANDARDS.
- 21. PLANTING AREAS SHALL RECEIVE MIN. 3-INCH DEPTH DECORATIVE ROCK MULCH OVER FILTER FABRIC. ROCK MULCH TO BE 1 ½" BUTTER ROCK, LIGHT TAN IN COLOR.
- 22. TREES IN SODDED AREAS AND ROCK MULCHED PLANTING AREAS SHALL RECEIVE 3-FOOT DIA. CEDAR BARK WOOD MULCH RING AT A MIN. 3-INCH
- 23. IF ANY TRANSFORMERS, GROUND-MOUNTED HVAC UNITS, UTILITY PEDESTALS, AND SIMILAR FEATURES ARE NOT SHOWN ON THE SITE PLAN, ADDITIONAL LANDSCAPING AND SCREENING MAY BE REQUIRED BASED UPON FIELD CONDITIONS DURING THE SITE INSPECTION PRIOR TO ISSUANCE OF THE CERTIFICATE OF OCCUPANCY, OR FINAL INSPECTION, AS APPLICABLE.



ASSOCIATES

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