

Legend

- Landscape Area
- STEEL EDGING (3/16"X4")

Landscape Summary

LANDSCAPE AREA	
TOTAL LOT AREA	144,623 SF
LANDSCAPE AREA	118,302 SF (82%)
LANDSCAPE EDGE:	
SOUTH 9TH STREET (533.5 LF)	
TREES	
REQUIRED TREES (1 TREE FOR EVERY FIFTY LINEAL FEET):	11 TREES
PROVIDED:	11 TREES
SHRUBS	
LENGTH OF PARKING LOT ABUTTING LANDSCAPE EDGE:	NONE
REQUIRED SHRUBS:	NONE
EAST 121ST STREET SOUTH (257.0.5 LF)	
TREES	
REQUIRED TREES (1 TREE FOR EVERY FIFTY LINEAL FEET):	5 TREES
PROVIDED:	5 TREES
SHRUBS	
LENGTH OF PARKING LOT ABUTTING LANDSCAPE EDGE:	117
REQUIRED SHRUBS:	36
SHRUBS PROVIDED:	36
INTERIOR PARKING LOT LANDSCAPING	
NUMBER OF PARKING SPACES	20 SPACES
REQUIRED: (1 TREE PER 15 PARKING SPACES)	2 TREES
PROPOSED:	2 TREES

ALL TREES ARE AT LEAST 10' FROM FIRE HYDRANT.
NO LARGE OR MEDIUM TREES ARE PROPOSED WITHIN 20' OF OVERHEAD UTILITY OR 5' OF UNDERGROUND UTILITY. OWNER ACKNOWLEDGES THAT REQUIRED LANDSCAPE THAT IS SHOWN WITHIN THE UTILITY EASEMENTS ARE SUBJECT TO BEING REMOVED AND WILL NEED TO BE REPLACED AT OWNER'S EXPENSE.

Plant List

QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	SPACING/REMARKS
TREES					
6	ACER GINNALA 'FLAME'	FLAME AMUR MAPLE	2" CAL./8' HT.	B&B	MULTI-STEM
3	MALUS 'ROBINSON'	ROBINSON FLOWERING CRAB	2" CAL./ 12' HT.	B&B	
2	QUERCUS ACUTISSIMA	SAWTOOTH OAK	2" CAL./12 HT.	B&B	MATCHED
7	TAXODIUM DISTICTUM	BALD CYPRESS	2" CAL./8' HT.	B&B	MATCHED
SHRUBS					
26	JUNIPERUS X PFITZERIANA 'PFITZERIANA COMPACTA'	COMPACT PFITZER JUNIPER	12" HT.	3 GAL.	
10	MISCANTHUS SINENSIS 'GRACILLIMUS'	MAIDEN GRASS		3 GAL.	
SOD AND ACCESSORIES					
-	CYNODON DACTYLON	COMMON BERMUDAGRASS			SOLID SOD, WEED FREE
ABBREVIATIONS: B&B: BALLED AND BURLAPED, CAL.: CALIPER, GAL: GALLON, HT.: HEIGHT, L.F.: LINEAR FOOT, MATCHED: WITHIN 5% OF SIZE AND SHAPE, STK: STAKED, O.C.: ON CENTER (APPROXIMATE), S.F.: SQUARE FOOT, SP.: SPREAD					

Landscape Certificate

SISEMORE WEISZ & ASSOCIATES LANDSCAPE ARCHITECTURE A DIVISION OF SISEMORE WEISZ & ASSOCIATES AN OKLAHOMA CORPORATION, AND THE UNDERSIGNED LICENSED LANDSCAPE ARCHITECT, DO HEREBY STATE THAT IN OUR PROFESSIONAL OPINION THE LANDSCAPE PLANS DESCRIBED HEREON ARE IN CONFORMANCE WITH THE REQUIREMENTS OF THE ZONING CODE OF THE CITY OF BROKEN ARROW, OKLAHOMA.

CALL OKIE !
EXISTING UNDERGROUND LINES HAVE BEEN SHOWN TO THE EXTENT KNOWN AND PLANS HAVE BEEN SENT TO THE EFFECTED UTILITY OWNERS FOR VERIFICATION OF EXISTING LINES. BEFORE YOU DIG, CONTACT OKLAHOMA ONE-CALL: 1-800-522-6543.

	REVISION	BY	DATE	Landscape Plan
	Top Dog Training Facility			
PLANS AND ESTIMATE PREPARED BY:	Sisemore Weisz & Associates Landscape Architecture A Division of Sisemore Weisz & Associates, Inc. 1111 EAST 30TH PLACE MUSKOGEE, OKLAHOMA 74403 C.A. NO. 000001 PHONE: (918) 685-3007 FAX: (918) 685-8909 EXP. DATE: 03/31/19			
FILE: 1614.36	WO NO.: 17970	DATE: 2-21-2018		
DRAFTED BY: DDS	PLAN SCALE: 1"=40'	SHEET 1 OF 3 SHEETS		

General Notes

- ALL PLANTS SHALL BE GUARANTEED TO REMAIN ALIVE AND HEALTHY FOR THE FULL TWELVE MONTH PERIOD AFTER SUBSTANTIAL COMPLETION. REPLACEMENTS SHALL BE GUARANTEED AN ADDITIONAL TWELVE MONTHS. THE CONTRACTOR SHALL REPLACE ANY PLANTS WHICH ARE DEAD OR ARE IN AN UNHEALTHY OR UNSIGHTLY CONDITION. THE COST OF SUCH REPLACEMENTS SHALL BE BORNE BY THE CONTRACTOR.
- CONTRACTOR TO MAINTAIN LANDSCAPING MATERIALS AND SOD FOR A PERIOD OF NOT LESS THAN 30 DAYS AFTER ACCEPTANCE OF PROJECT BY OWNERS REPRESENTATIVE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL UNDERGROUND UTILITY LINES (TELEPHONE, GAS, WATER, ELECTRIC, CABLE TV, ETC.) PRIOR TO THE START OF ANY WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR CALCULATING ALL QUANTITIES OF MATERIALS FROM THE PLANTING PLAN. WHEN DISCREPANCIES OCCUR BETWEEN THE PLAN AND THE MATERIALS LIST, THE PLANTING PLAN SUPERSEDES THE MATERIALS LIST IN ALL CASES.

Certification of Installation

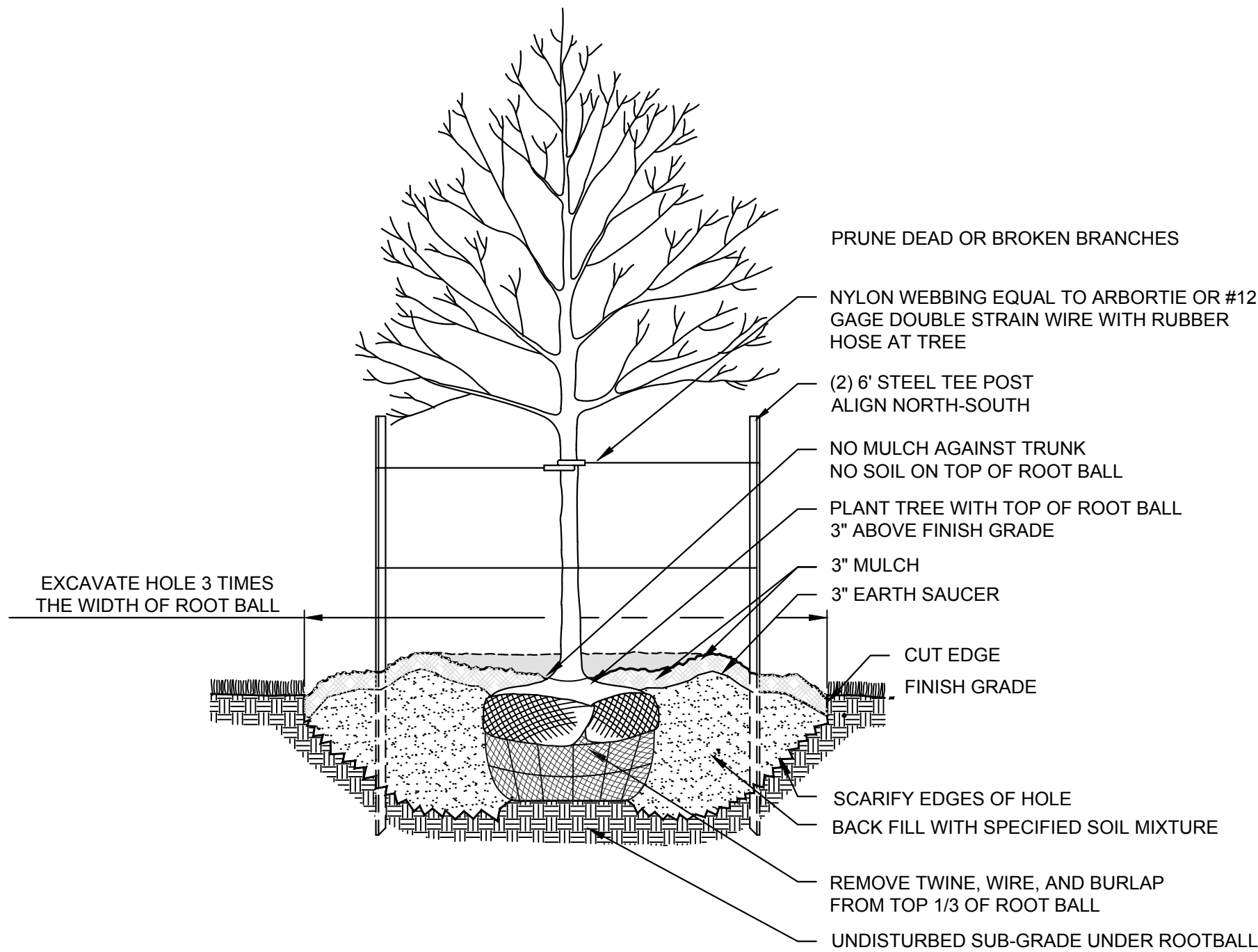
- A. INSTALLATION OF ALL LANDSCAPING EXCEPT TREES**
PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY (FOR MULTIFAMILY, COMMERCIAL, AND INDUSTRIAL DEVELOPMENTS) OR ISSUANCE OF FINAL INSPECTION (FOR SINGLE-FAMILY AND TWO-FAMILY DEVELOPMENTS), WRITTEN CERTIFICATION SHALL BE SUBMITTED TO THE CITY DEVELOPMENT SERVICES DEPARTMENT BY AN ARCHITECT, LANDSCAPE ARCHITECT, OR ENGINEER AUTHORIZED TO DO BUSINESS IN THE STATE OF OKLAHOMA, OR THE OWNER OF THE PROPERTY, STATING THAT THE INSTALLATION OF THE LANDSCAPING, EXCEPT TREES, IS IN ACCORDANCE WITH THE APPROVED LANDSCAPING PLAN.
- B. INSTALLATION OF TREES**
PRIOR TO OR WITHIN ONE HUNDRED TWENTY (120) DAYS FOLLOWING THE ISSUANCE OF THE OCCUPANCY PERMIT (FOR MULTIFAMILY, COMMERCIAL, AND INDUSTRIAL DEVELOPMENTS) OR FINAL BUILDING PERMIT (FOR SINGLE FAMILY AND TWO FAMILY DEVELOPMENTS), WRITTEN CERTIFICATION OF AN ARCHITECT, LANDSCAPE ARCHITECT, OR ENGINEER AUTHORIZED FOR BUSINESS IN THE STATE OF OKLAHOMA OR THE OWNER OF THE PROPERTY THAT ALL TREES HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED LANDSCAPING PLAN SHALL BE SUBMITTED TO THE CITY'S DEVELOPMENT SERVICES DEPARTMENT.
- C. TEMPORARY CERTIFICATE OF OCCUPANCY**
A TEMPORARY CERTIFICATE OF OCCUPANCY MAY BE ISSUED FOR UP TO ONE HUNDRED TWENTY (120) DAYS TO ALLOW LANDSCAPE MATERIAL TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN.

Planting Notes

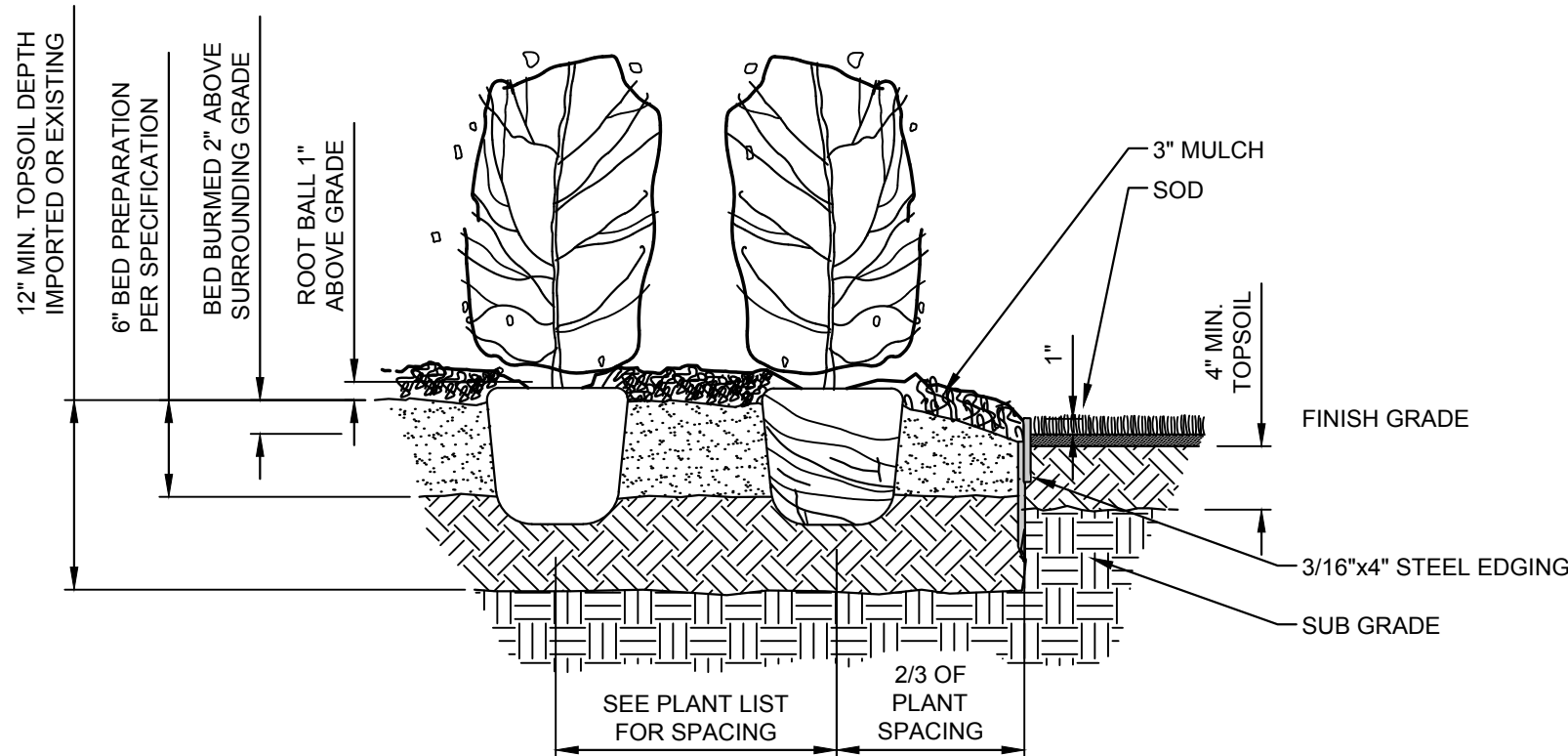
- ALL PLANT MATERIALS TO BE IN ACCORDANCE WITH AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1 - CURRENT EDITION.
- PLANTING SHALL BE LOCATED WHERE IT IS SHOWN ON THE PLAN EXCEPT WHERE OVERHEAD OR BELOW GROUND OBSTRUCTIONS ARE ENCOUNTERED. SHOULD OBSTRUCTIONS BE FOUND, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE LANDSCAPE ARCHITECT WHO WILL RELOCATE THE PLANT MATERIAL.
- ALL PLANTING BEDS SHALL BE PREPARED IN THE FOLLOWING MANNER: REMOVE ALL WEEDS AND GRASSES FROM PLANTING BEDS PRIOR TO BEGINNING SOIL PREPARATION. IF BERMUDA GRASS IS PRESENT IT SHALL BE ERADICATED BY APPROVED MEANS. SPREAD 2" OF COMPOST (BACK TO EARTH SOIL CONDITIONER), 1" OF PINE BARK MULCH, AND OSMOCOTE FERTILIZER (1 LB. PER 100 SQ. FT.) INCORPORATE TO A DEPTH OF 6".
- ALL PLANTING BEDS AND TREE WELLS SHALL RECEIVE A MINIMUM OF 3" OF CEDAR MULCH.
- ALL TREES SHALL BE PLANTED 2" ABOVE FINISH GRADE.
- TWINE AND BURLAP SHALL BE CUT AND REMOVED FROM THE UPPER 1/3 OF THE ROOT BALL ON ALL TREES AND SHRUBS.
- FINISH GRADES OF ALL PLANTING BEDS SHALL PROVIDE POSITIVE DRAINAGE OUT OF PLANTED AREA.
- AREAS WITHIN THE PROPERTY LINES, THE R.O.W. PARALLEL TO THE PROPERTY LINES, AND ALL OTHER LAWN AREAS DISTURBED BY THE CONSTRUCTION PROCESS THAT ARE NOT DESIGNATED TO RECEIVE OTHER PLANTING, PAVING OR BUILDINGS ARE TO BE SODDED WITH SOLID SOD BERMUDA GRASS.
- ALL AREAS RECEIVING SOD SHALL RECEIVE A MINIMUM 4" OF TOPSOIL. SOD SHALL BE STRONGLY ROOTED, FREE OF WEEDS AND UNDESIRABLE NATIVE GRASSES, AND SHALL BE NOT LESS THAN 2 YEARS OLD. APPLY A 10-20-10 FERTILIZER AT A RATE OF TEN(10) POUNDS PER 1,000 SQUARE FEET TO ALL LAWN AREAS PRIOR TO SODDING.
- ALL PLANTING AREAS ADJACENT TO LAWN AREAS TO BE BORDERED BY 4" X 3/16" STEEL EDGING BY RYERSON.
- BACK FILL ALL TREE PITS WITH A SOIL MIXTURE CONSISTING OF 1 PART TOP SOIL AND 1 PART COMPOST AND 1/2 POUND OSMOCOTE FERTILIZER PER TREE.
- ALL PLANTS SHALL BE TRUE OF SPECIES AND VARIETY AND SHALL CONFORM TO MEASUREMENTS (CALIPER, SIZE, AND TRUNK HEIGHT) AS SPECIFIED ON THE DRAWING.
- SIX WEEKS AFTER THE INSTALLATION OF SOD, A GRANULAR APPLICATION OF BARRICADE PRE-EMERGENT WEED CONTROL SHALL BE APPLIED AT A RATE OF 10 POUNDS PER 1,000 S.F. AND THEREAFTER, ANNUAL APPLICATIONS SHALL BE APPLIED DURING THE SECOND WEEK OF FEBRUARY.
- SIX WEEKS AFTER THE INSTALLATION OF THE LANDSCAPE MATERIALS, THE FIRST OF TWO ANNUAL LIQUID APPLICATIONS OF PENDULUM PRE-EMERGENT WEED CONTROL SHALL BE APPLIED TO THE MULCH SURFACE IN ALL SHRUB AND GROUND COVER AREAS.
- STAKING AND GUYING TO BE REMOVED BY THE LANDSCAPE CONTRACTOR NINE MONTHS AFTER PLANTING.

Irrigation Notes

- WATER SHALL BE PROVIDED IN ALL PLANTING BEDS AND SOD AREAS BY AN ELECTRONIC UNDERGROUND IRRIGATION SYSTEM.
- IRRIGATION CONTROL ZONES SHALL BE SEPARATED TO PERMIT IRRIGATION OF SIMILAR PLANT MATERIALS, SUN EXPOSURE, LAND SLOPE AND SOIL/LANDSCAPE CONDITIONS. SYSTEM SHALL BE DESIGNED SUCH THAT ALL IRRIGATION HEADS SHALL APPLY WATER TO A GIVEN AREA AT THE SAME RATE YIELDING MATCHED AND UNIFORM PRECIPITATION RATES AND UNIFORM COVERAGE. SHRUB AND LAWN AREAS ARE TO BE IN ZONED SEPARATELY.
- SPRAY HEADS SHALL BE SPACED NO FURTHER THAN FOR HEAD TO HEAD COVERAGE BASED ON THE SPRINKLER HEAD PERFORMANCE PUBLISHED BY THE MANUFACTURER. ROTARY HEADS SHALL BE SPACED NO FURTHER THAN 85 PERCENT AND 90 PERCENT FOR 3/4" INLET AND 1" INLET ROTARIES RESPECTIVELY AT THE DESIGN PRESSURE.
- THE LANDSCAPE CONTRACTOR SHALL COORDINATE THE LANDSCAPE WATERING PROGRAM WITH THE OWNERS REPRESENTATIVE.
- INSTALL SEPARATE IRRIGATION METER, BACK FLOW PREVENTION DEVICE AND PROTECTIVE HOUSING WITH HEAT TAPE. COORDINATE LOCATION WITH OWNER'S REPRESENTATIVE. IRRIGATION CONTRACTOR SHALL FOLLOW THE SPECIFIED RECOMMENDATIONS OF THE EQUIPMENT MANUFACTURERS TO INSURE PROPER INSTALLATION OF IRRIGATION SYSTEM.
- PROVIDE ELECTRICAL POWER TO BACK FLOW PREVENTER FOR HEATING DEVICE.
- SUBMIT IRRIGATION DESIGN DRAWINGS FOR REVIEW. COORDINATE EXACT LOCATION OF CONTROLS WITH OWNER'S REPRESENTATIVE.



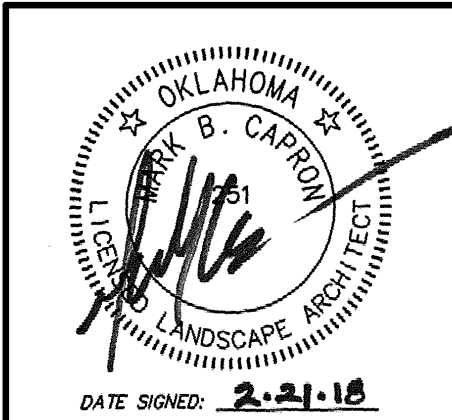
Tree Planting Detail
NOT TO SCALE



Planting Detail
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