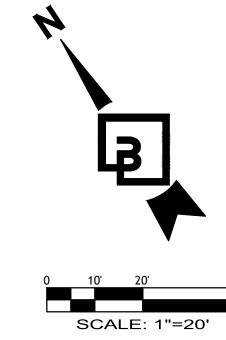
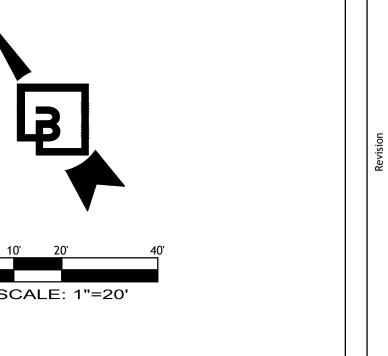
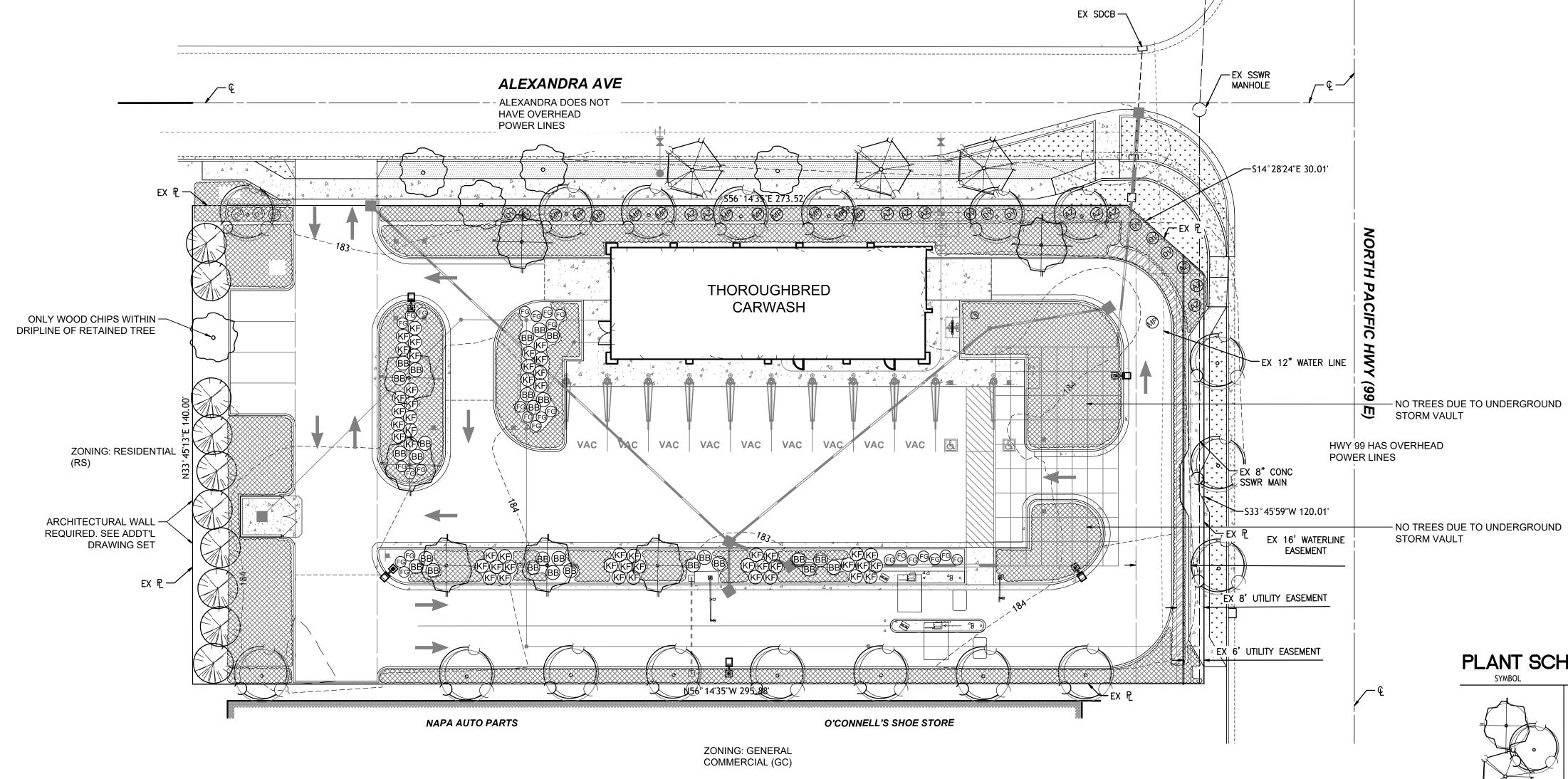
WOODBURN THOROUGHBRED EXPRESS WASH

NW 1/4 OF THE SE 1/4 OF SECTION 08, TWP. 05 SOUTH, RGE 01 WEST, WILLAMETTE MERIDIAN CITY OF WOODBURN, MARION COUNTY, STATE OF OREGON

LANDSCAPE PLAN











EXISTING FLOWERING PLUM TREE TO BE RETAINED. PROTECT DURING CONSTRUCTION



EXISTING LANDSCAPE AND IRRIGATION TO BE RETAINED. PROTECT DURING CONSTRUCTION

LANDSCAPE REQUIREMENTS

EXISTING ZONING: GENERAL COMMERCIAL (GC)

PER TABLE 3.06A, LANDSCAPE BUFFERS TO BE LANDSCAPED

SOUTH ADJACENT TO EXISTING COMMERCIAL TOTAL LANDSCAPE BUFFER AREA: 1,400 SQ FT 1 PU/20 SQ FT REQUIRED, 1,400 / 20 = 70 PU REQUIRED

8 MEDIUM SIZE TREES, 8 PU EACH x 8 = 64 PU GROUND COVER, 1 PU/50 SQ FT,

1,154 SQ FT OF GROUND COVER / 50 = 23 PU
TOTAL PU SOUTH BOUNDARY: 87 PU PROVIDED

ADJACENT TO HWY 99 AND ALEXANDRA ROAD TOTAL LANDSCAPE BUFFER AREA: 1,694 SQ FT 1 PU/15 SQ FT REQUIRED, 1,694 / 15 = 113 PU REQUIRED

7 MEDIUM SIZE TREES, 8 PU EACH x 7 = 56 PU GROUND COVER, 1 PU/50 SQ FT, 1,209 SQ FT OF GROUND COVER / 50 = 24 PU

33 SM-MED SIZE SHRUBS, 1 PU EACH = 33 PU
TOTAL PU: 113 PU PROVIDED

NORTH ADJACENT TO EXISTING RESIDENTIAL TOTAL LANDSCAPE BUFFER AREA: 1,393 SQ FT AN ARCHITECTURAL WALL IS PROVIDED. SEE ADDT'L DRAWING SET ADDITIONAL LANDSCAPING IS SHOWN

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PLANI SCH	BOTANICAL/COMMON NAMES	SIZE	SPACING	QUANTITY	REMARKS
	TREES:				
	GLEDITSIA TRI. INTERMIS / THORNLESS HONEYLOCUST	15 GAL.	AS SHOWN	7	STAKE & GUY ONE GROWING SEASON; NURSERY GROWN, BRANCHED AT 5'
	CARPINUS BETULUS 'FASTIGIATA' / COLUMNAR HORNBEAM	2" CAL.	AS SHOWN	3	STAKE & GUY ONE GROWING SEASON; NURSERY GROWN, BRANCHED AT 5'
	PRUNUS CERASIFERA 'THUNDERCLOUD' / FLOWERING PLUM	15 GAL.	AS SHOWN	3	STAKE & GUY ONE GROWING SEASON; NURSERY GROWN, BRANCHED AT 5'
	CALOCEDRUS DECURRENS / INCENSE CEDAR	5'-6' HT.	AS SHOWN	10	STAKE & GUY ONE GROWING SEASON; NURSERY GROWN
·	SCREENING HEDGE:				
	ILEX JAPONICA 'CONVEXA' / JAPANESE HOLLY	21"-24" HT.	24" O.C.	AS REQ'D	FULL & BUSHY; MAINTAIN AS 42" HEIGHT HEDGE
	SHRUBS:				
FG	PENNISETUM ALOP. 'HAMELN' / FOUNTAIN GRASS	1 GALLON	AS SHOWN	26	FULL & BUSHY
BB	EUONYMUS ALATA 'COMPACTA' / DWARF BURNING BUSH	1 GALLON	AS SHOWN	27	FULL & BUSHY
KF	CALAMAGROSTIS ACUT. 'KARL FOERSTER' / FEATHER REED GRASS	1 GALLON	AS SHOWN	49	FULL & BUSHY
@	AZALEA 'HINO-CRIMSON'/ EVERGREEN AZALEA	1 GALLON	AS SHOWN	X	FULL & BUSHY
(D)	VIBRUNUM DAVIDI / DAVID VIBURNUM	1 GALLON	AS SHOWN	X	FULL & BUSHY
MP	PINUS MUGO 'PUMILIO' / SHRUBBY MUGO PINE	1 GALLON	AS SHOWN	X	FULL & BUSHY
	GROUNDCOVERS:				
	ARCTOSTAPHYLLOS UVA-URSI / KINNIKINNIK	1 GALLON	24" O.C.		
* * * * * * * * * * * * * * * * * * * *	TURFGRASS, SEED OR SOD				

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WOODBURN THOROUGHBRED EXPRESS WASH

NW 1/4 OF THE SE 1/4 OF SECTION 08, TWP. 05 SOUTH, RGE 01 WEST, WILLAMETTE MERIDIAN CITY OF WOODBURN, MARION COUNTY, STATE OF OREGON

LANDSCAPE NOTES AND DETAILS

LANDSCAPE PLANTING NOTES AND MATERIALS

SCOPE OF WORK

FURNISH ALL MATERIALS, LABOR, EQUIPMENT AND RELATED ITEMS NECESSARY TO ACCOMPLISH TOPSOIL, TREATMENT AND PREPARATION OF SOIL, FINISH GRADING, PLACEMENT OF SPECIFIED PLANT MATERIALS, FERTILIZER, STAKING, MULCH, CLEAN-UP, DEBRIS REMOVAL, AND 30-DAY MAINTENANCE.

QUALIFICATIONS:

LANDSCAPE CONTRACTOR TO BE SKILLED AND KNOWLEDGEABLE IN THE FIELD OF WORK AND HAVE A MINIMUM OF FIVE (5) YEAR'S EXPERIENCE INSTALLING SIMILAR WORK. CONTRACTOR TO BE LICENSED TO PERFORM THE WORK SPECIFIED WITHIN THE PRESIDING JURISDICTION.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE SITE AND REPORT ANY DISCREPANCIES TO THE OWNER OR THE OWNER'S REPRESENTATIVES. ALL PLANT MATERIAL AND FINISH GRADES ARE SUBJECT TO APPROVAL BY THE OWNER.

SAVE AND PROTECT ALL EXISTING PLANTINGS SHOWN TO REMAIN. DO NOT PLANT UNTIL OTHER CONSTRUCTION OPERATIONS WHICH CONFLICT HAVE BEEN COMPLETED. IF AN IRRIGATION SYSTEM IS TO BE INSTALLED DO NOT PLANT UNTIL THE SYSTEM HAS BEEN INSTALLED, TESTED, AND APPROVED BY THE OWNER. HANDLE PLANTS WITH CARE - DO NOT DAMAGE OR BREAK ROOT SYSTEM, BARK, OR BRANCHES. REPAIR AND/OR REPLACE ITEMS DAMAGED AS A RESULT OF WORK, OR WORK NOT IN COMPLIANCE WITH PLANS AND SPECIFICATIONS, AS DIRECTED BY OWNER AT NO ADDITIONAL COST TO THE OWNER.

DURING THE COURSE OF WORK, REPAIR ALL EXISTING PLANTING AREAS BY PRUNING DEAD GROWTH, RE-ESTABLISHING FINISH GRADE AND RE-MULCHING TO SPECIFIED DEPTH.

GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE OF THE JOB BY OWNER.

CONTRACTOR TO PROVIDE OWNER WITH A SCOPE OF WORK AT TIME OF INITIAL PROJECT BID TO PROVIDE LANDSCAPE AND IRRIGATION MAINTENANCE FOR 30 DAYS FOLLOWING STORE OPENING. WORK TO INCLUDE MAINTENANCE AS DESCRIBED BELOW, IN PLANTING AND IRRIGATION MAINTENANCE.

SUBMIT THE FOLLOWING TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO THE START OF ANY WORK:

- A) DOCUMENTATION THAT ALL PLANT MATERIAL HAS BEEN ORDERED.
- B) TOPSOIL ANALYSIS AND RECOMMENDED AMENDMENTS. C) TREE STAKING AND GUYING MATERIALS.
- D) ONE (1) QUART SIZE OF TOPSOIL AND MULCH
- E) PLANTING SCHEDULE INCLUDING DATES AND TIMES. F) MAINTENANCE INSTRUCTIONS FOR ONE (1) FULL YEAR.

PLANT MATERIALS:

PLANT MATERIALS TO BE GRADE NO. 1, SIZED IN ACCORDANCE WITH (AAN) AMERICAN STANDARDS FOR NURSERY STOCK (ANSI Z60.1-2004). PRUNE PLANTS RECEIVED FROM THE NURSERY ONLY UPON AUTHORIZATION BY THE LANDSCAPE ARCHITECT. "B & B" INDICATES BALLED AND BURLAPPED; "CONT." INDICATES CONTAINER; "BR" INDICATES BARE ROOT; "CAL" INDICATES CALIPER AT 6" ABOVE SOIL LINE; "GAL" INDICATES GALLON.

- A) SPECIFIED PLANT CANOPY SIZE OR CALIPER IS THE MINIMUM ACCEPTABLE CONTAINER OR BALL SIZE AND ESTABLISHES MINIMUM PLANT CONDITION TO BE PROVIDED.
- PLANT MATERIAL TO COMPLY WITH STATE AND FEDERAL LAWS FOR DISEASE INSPECTION. PLANTS TO BE FULLY LIVE. VIGOROUS. WELL FORMED. WITH WELL DEVELOPED FIBROUS ROOT SYSTEMS. ROOT BALLS OF PLANTS TO BE SOLID AND FIRMLY HELD TOGETHER, SECURELY CONTAINED AND PROTECTED FROM INJURY AND DESICCATION. PLANTS DETERMINED BY LANDSCAPE ARCHITECT TO HAVE BEEN DAMAGED; HAVE DEFORMITIES OF STEM, BRANCHES, OR ROOTS; LACK SYMMETRY, HAVE MULTIPLE LEADERS OR "Y" CROTCHES LESS THAN 30 DEGREES IN TREES, OR DO NOT MEET SIZE OR ANSI STANDARDS WILL BE REJECTED. PLANT MATERIAL TO BE FROM A SINGLE NURSERY SOURCE FOR EACH SPECIFIED SPECIES/HYBRID. NURSERY
- SOURCES TO BE THOSE LOCATED IN THE SAME REGION AS THE JOB SITE. C) SUBSTITUTION: NO SUBSTITUTION OF PLANT MATERIAL, SPECIES OR VARIETY, WILL BE PERMITTED UNLESS WRITTEN EVIDENCE IS SUBMITTED TO THE OWNER FROM TWO QUALIFIED PLANT BROKERAGE OFFICES. SUBSTITUTIONS WHICH ARE PERMITTED TO BE IN WRITING FROM THE OWNER AND LANDSCAPE ARCHITECT. THE SPECIFIED SIZE, SPECIES AND NEAREST VARIETY, AS APPROVED, TO BE FURNISHED. SUBSTITUTIONS MAY REQUIRE SUBMITTAL TO REVISED LANDSCAPE PLAN TO CITY FOR APPROVAL
- D) LABEL AT LEAST ONE (1) TREE, SHRUB, AND GROUNDCOVER OF EACH VARIETY WITH A SECURELY ATTACHED WATERPROOF TAG BEARING LEGIBLE DESIGNATION OF BOTANICAL AND COMMON NAMES.
- E) DELIVER PLANT MATERIAL AFTER PREPARATION OF PLANTING AREAS HAVE BEEN COMPLETED AND PLANT IMMEDIATELY. IF PLANTING IS DELAYED MORE THAN SIX (6) HOURS AFTER DELIVERY, SET MATERIAL IN SHADE, PROTECT FOR WEATHER AND MECHANICAL DAMAGE, AND KEEP ROOT BALLS MOIST BY COVERING WITH MULCH, BURLAP OR OTHER ACCEPTABLE MEANS OF RETAINING MOISTURE.

SOIL PREPARATION:

TOPSOIL, AMENDMENT, AND BACKFILL, ARE GENERAL REQUIREMENTS FOR ALL LANDSCAPE AREAS, UNLESS NOTED OTHERWISE ON THE PLANS. SOIL AMENDMENTS AND FERTILIZER NOTED BELOW ARE TO BE USED FOR BID PRICE BASIS ONLY. SPECIFIC AMENDMENTS AND FERTILIZERS WILL BE MADE AFTER SOIL SAMPLES ARE LABORATORY TESTED BY THE CONTRACTOR. PROVIDE CHANGE ORDER FOR ADDITIONAL OR REDUCTION OF MATERIALS REQUIRED OR NOT REQUIRED BY THE SOILS REPORT.

SOIL FERTILITY AND AGRICULTURAL SUITABILITY ANALYSIS:

AFTER ROUGH GRADING AND PRIOR TO SOIL PREPARATION, CONTRACTOR TO OBTAIN TWO REPRESENTATIVE SOIL SAMPLES, FROM LOCATIONS AS DIRECTED BY THE LANDSCAPE ARCHITECT, TO A SOIL TESTING LABORATORY. SUBMIT RESULTS TO LANDSCAPE ARCHITECT FOR REVIEW. TESTS TO INCLUDE FERTILITY AND SUITABILITY ANALYSIS WITH WRITTEN RECOMMENDATIONS FOR SOIL AMENDMENT, FERTILIZER, CONDITIONERS, APPLICATION RATES, AND POST-CONSTRUCTION MAINTENANCE PROGRAM. TESTS TO BE CONTRACTED WITH AND PAID FOR BY THE CONTRACTOR.

A) TOPSOIL:

CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL TOPSOIL AND FOR DETERMINING THE VOLUME OF TOPSOIL REQUIRED PER THE INFORMATION ON PLANS AND NOTED HERE-IN. CONTRACTOR IS RESPONSIBLE FOR ANY NECESSARY WEED CONTROL RESULTING FROM CONTAMINATED OFF SITE SOURCES.

B) TOPSOIL TO CONSIST OF 1/3 BY VOLUME SANDY LOAM, 1/3 BY VOLUME COMPOSTED GARDEN MULCH, AND 1/3 BY VOLUME COARSE WASHED SAND OR EQUIVALENT.

C) TOPSOIL PREPARATION AND INSTALLATION:

- 1. VERIFY SUBGRADES TO -9 INCHES IN LANDSCAPE AREAS OR AS INDICATED ON PLANS. THIS ACCOMMODATES, TOPSOIL, AMENDMENTS, AND MULCH. 6" IMPORTED TOPSOIL FOR
- 2. ERADICATE ANY SURFACE VEGETATION ROOTED IN THE SUB-GRADE PRIOR TO SUB-GRADE
- 3. REMOVE SOIL LUMPS, ROCK, VEGETATION AND/OR DEBRIS LARGER THAN 2 INCHES FROM ALL SUB-GRADE PRIOR TO PLACEMENT OF SPECIFIED TOPSOIL.
- 4. REMOVE ANY ASPHALT EXTENDING BEYOND 6 INCHES FROM CURBS INTO ADJACENT LANDSCAPE AREAS.

. PROVIDE A TOTAL FINISH COURSE OF 6 INCHES OF TOPSOIL FOR LANDSCAPE AREAS. 2. PLACE ADDITIONAL TOPSOIL AND SOIL MIX AS REQUIRED TO MEET FINISH ELEVATIONS.

MEDIUM HEM-FIR BARK MULCH

2-INCH DIAMETER BY 8-FOOT MINIMUM LODGEPOLE PINE STAKES.

1-INCH WIDE POLYETHYLENE CHAIN LOCK TYPE TIES; OR, 3/8" DIAMETER RUBBER. NO WIRE.

EXECUTION:

CONTAMINANTS

VERIFY THAT ALL SOIL CONTAMINANTS (E.G., PAINT, SEALANTS, SOLVENTS, OILS, GREASES, CONCRETE/ASPHALT SPOILS, ETC.) HAVE BEEN SATISFACTORY REMOVED FROM ALL PLANTING AREAS. DO NOT BEGIN WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

FINE GRADE AND REMOVE ROCKS, DEBRIS, AND FOREIGN OBJECTS OVER 2 INCHES DIAMETER FROM TOP SURFACE OF PREPARED LANDSCAPE AREAS. FINISH ELEVATIONS TO BE DEFINED AS 3 INCHES BELOW CURBS, WALKS AND/OR OTHER ADJACENT HARDSCAPE FOR ALL PLANTING BED AREAS AND 1-INCH BELOW CURBS, WALKS AND/OR OTHER ADJACENT HARDSCAPE FOR ALL LAWN AREAS. FINISH GRADE REFER TO GRADES PRIOR TO INSTALLATION OF MULCH OR LAWN. ALL FINISH GRADES TO BE SMOOTH EVEN GRADES, LIGHTLY COMPACTED, AS SHOWN ON THE PLAN AND DETAILED. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND STRUCTURES. SITE CIVIL DRAWINGS IDENTIFY FINAL ELEVATIONS. MOISTEN PREPARED AREAS BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE TO DRY BEFORE PLANTING. DO NOT CREATE MUDDY SOIL.

ARRANGE TREES AND SHRUBS ON SITE IN PROPOSED LOCATIONS PER DRAWINGS. EXCAVATE PIT. PLANT AND STAKE OR GUY, AS CALLED OUT AND DETAILED. ALL TREES, SHRUBS, AND SUPPORTS TO STAND VERTICAL. BACKFILL SHALL BE PIT SPOILS. SETTLE BACKFILL USING WATER ONLY. NO MECHANICAL COMPACTION.

EXCAVATE PITS TO A MINIMUM OF 3 INCHES BELOW, AND TWICE THE ROOT BALL DIAMETER. WATER THOROUGHLY AND TAKE CARE TO ENSURE THAT ROOT CROWN IS AT PROPER GRADE, AS

MULCH (TOPDRESSING):

REMOVE EXISTING ROCK MULCH WITHIN THE WORK LIMITS AND REPLACE WITH THE SPECIFIED MULCH. INSTALL MULCH IN ALL PROPOSED LANDSCAPE AREAS. APPLY SUFFICIENT QUANTITY TO PROVIDE A MINIMUM 3" DEPTH AFTER SETTLEMENT.

FIELD ADJUST PLANT LOCATIONS FOR 8-FOOT SEPARATION OF TREES/SHRUBS AND 2-FOOT SEPARATION FOR GROUNDCOVER FROM FIRE HYDRANTS AND UTILITY VAULTS.

DURING LANDSCAPE WORK, KEEP ALL PAVEMENT CLEAN AND WORK AREAS IN AN ORDERLY CONDITION. PROTECT LANDSCAPE WORK AND MATERIALS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS AND TRESPASSERS. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIOD. TREAT, REPAIR, OR REPLACE DAMAGE LANDSCAPE WORK AS DIRECTED BY THE OWNER.

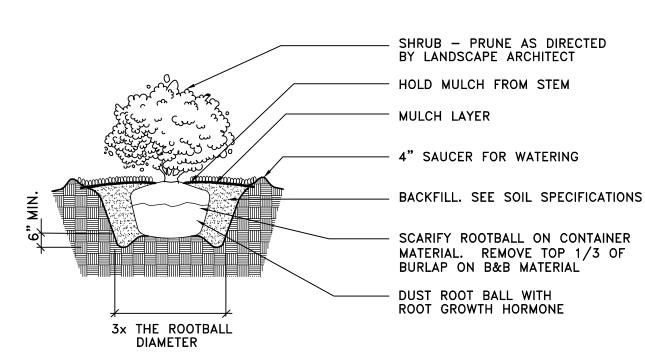
PLANTING MAINTENANCE:

PROVIDE FULL MAINTENANCE BY SKILLED EMPLOYEES OF LANDSCAPE INSTALLERS. CONTRACTOR TO MAINTAIN PLANTINGS THROUGH COMPLETED INSTALLATION, AND UNTIL ACCEPTANCE OF LANDSCAPE INSTALLATION. PLANTING MAINTENANCE TO INCLUDE WATERING, WEEDING, CULTIVATING, TIGHTENING AND REPAIRING OF TREE GUYS, RESETTING PLANTS TO PROPER GRADES OR POSITION, RE-ESTABLISHING SETTLED GRADES; AND MOWING LAWNS WEEKLY AFTER LAWN ESTABLISHMENT. HERBICIDE IS NOT RECOMMENDED FOR ONE YEAR FOLLOWING LANDSCAPE INSTALLATION. INCLUDED IS REPLACEMENT OF DEAD PLANTS AND PLANTS SHOWING LOSS OF 40 PERCENT OR MORE OF

EDGE OF PLANTER AS NOTED IN PLANT SCHEDULE NOTES SPACING AS CALLED OUT ON PLAN AND PLANT SCHEDULE HOLD PLANTS FROM EDGE OF PLANTER AS NOTED IN PLANT SCHEDULE NOTES THIS SPACING APPLIES TO GROUNDCOVER AND FORMAL SHRUB ROW PLACEMENT.

PLANT MATERIAL SPACING DETAIL

NOT TO SCALE

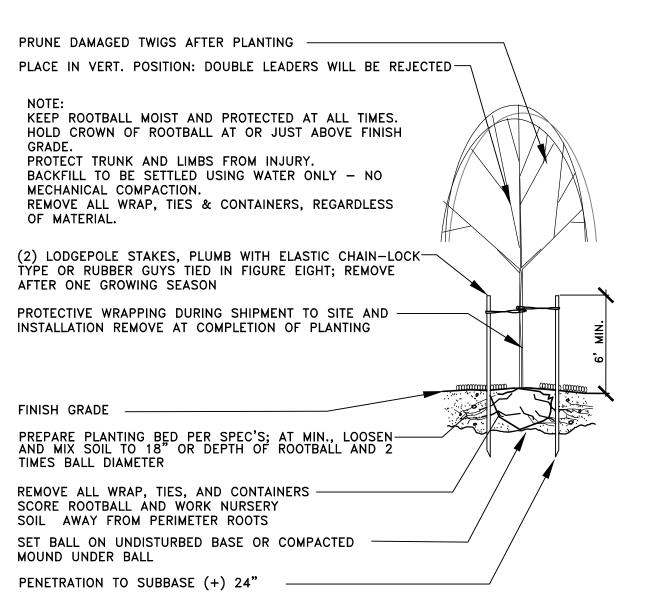


APPLY ADDITIONAL 4 OZ. 8-32-16 FERTILIZER INTO TOP 2" OF PLANTING MIX. PLANT SHRUB HIGH ENOUGH TO ALLOW POSITIVE DRAINAGE AWAY

FROM ROOTBALL. ROUGHEN ALL SURFACES OF PIT.

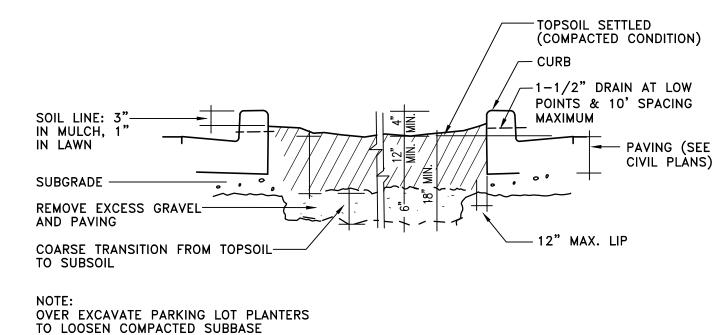
SHRUB PLANTING DETAIL

NOT TO SCALE

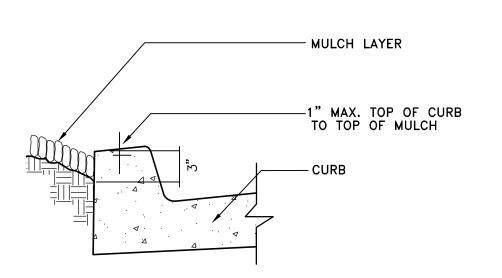


DECIDUOUS TREE PLANTING/STAKING DETAIL

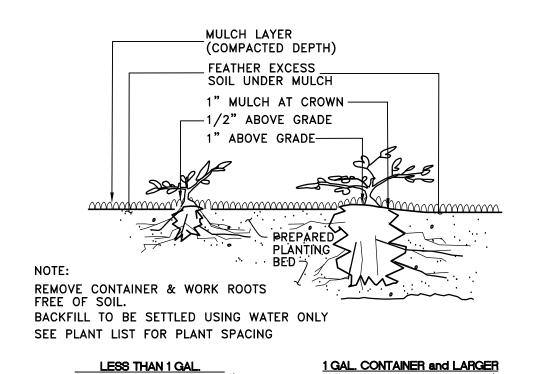
NOT TO SCALE



GRADING • PARKING LOT PLANTERS DETAIL



MULCH AT CURB DETAIL



GROUNDCOVER PLANTING DETAIL

HOLDINGS FNUE SE, SI UE, WA 9800 \Box

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