

DATE NO. REVISIONS

NOT FOR
REGULATORY
APPROVAL,
PERMITTING
OR
CONSTRUCTION.

PROJECT

WILMETH
RIDGE
AMENITY CENTER

MCKINNEY, TEXAS



SHEET TITLE

LANDSCAPE PLAN

PROJECT MANAGER: BJV PROJECT DESIGNER: DCB

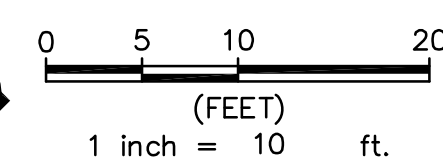
DRAWN BY: JCM CHECKED BY: BJV

ISSUE DATE: 08/18/15 SCALE: AS NOTED

SHEET NO.

A LANDSCAPE PLAN
SCALE: 1" = 10'-0"

PLAN



RECEIVED

By Planning Department at 12:07 pm, Aug 19, 2015

THE CONTRACTOR SHALL VERIFY WATER RESTRICTIONS WITH THE CITY OF MCKINNEY AT TIME OF PLANTING. SHOULD WATER RESTRICTIONS NOT ALLOW HYDROMULCH, HYDROSEEDING, OR SPRIGGING (STAGE 3 AND STAGE 4 WATER RESTRICTIONS), AN APPROVED ALTERNATE FOR GRASSING SHALL BE INSTALLED.

LP1



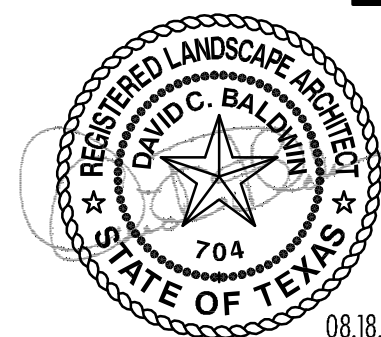
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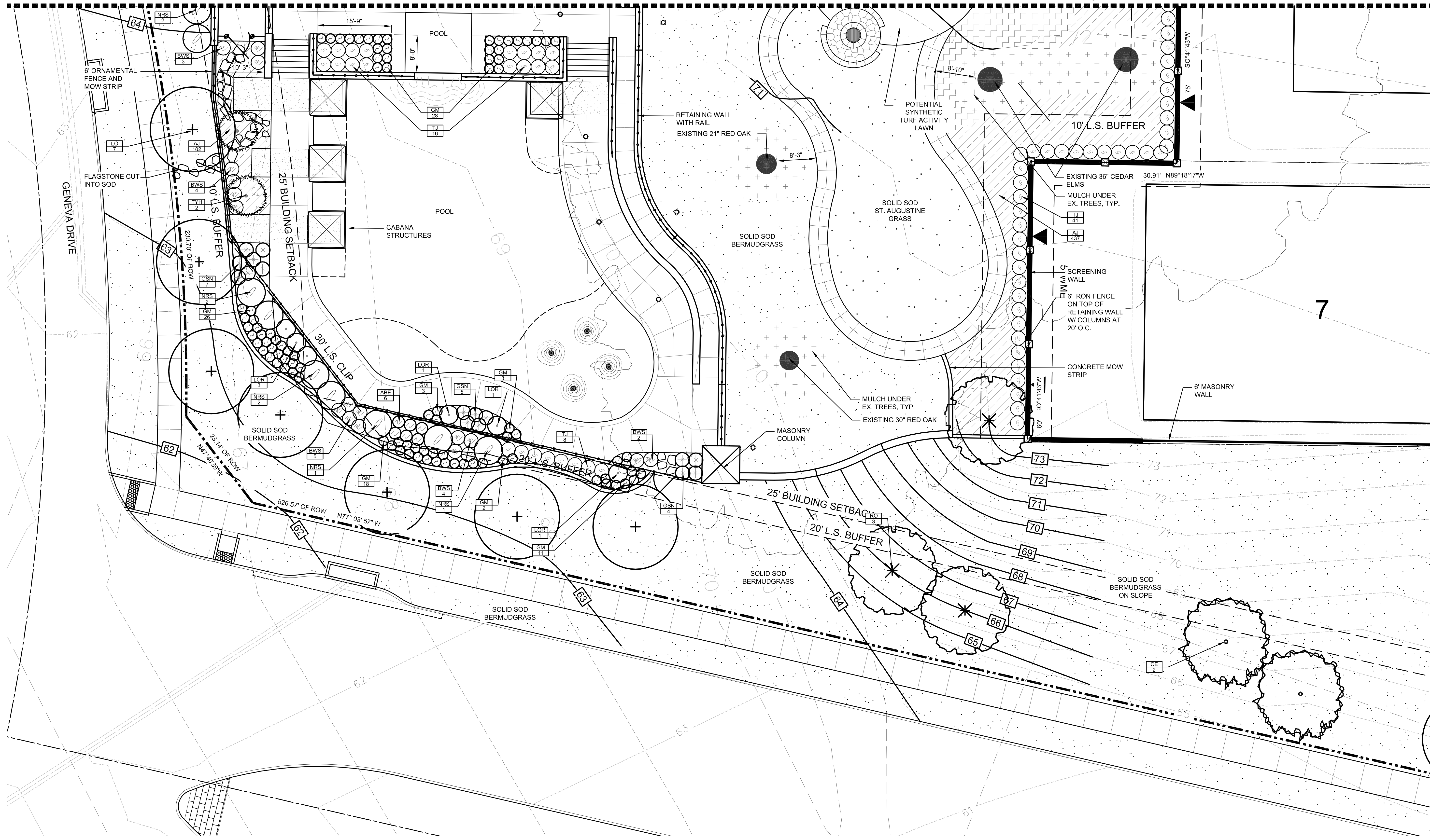
SHEET NO.

LP2

MATCHLINE - RE. LP1

MATCHLINE - RE. LP1

MATCHLINE - RE. LP3



PREPARED BY DAVID C. BALDWIN INC.
ADDRESS AS SHOWN IN UPPER RIGHT OF PAGE

ALL ADJACENT LAND USES WITHIN 200' OF THE SITE ARE SINGLE FAMILY RESIDENTIAL

SITE DATA SUMMARY TABLE - LOT 1, BLOCK A OF THE WILMETH RIDGE NORTH SUBDIVISION

GENERAL SITE DATA	
ADDRESS:	CE (SH 121 Overlay District)
ZONING:	AMENITY CENTER
PROPOSED USE:	69,335 S.F. or 1.59 ACRE
LOT AREA:	832 SF = 416 SF WOMENS RR
TOTAL BUILDING AREA, FAR:	416 SF MENS RR, 1:1 RATIO ± 28'
BUILDING HEIGHT:	1.1% [832/69,335.26], .011:1 RATIO
LOT COVERAGE, FAR:	37,866 SF
PLANTING COVERAGE:	25,201 SF
IMPERVIOUS:	

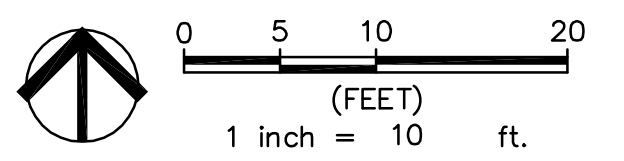
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ALL REQUIRED LANDSCAPE AREAS SHALL BE PROVIDED WITH AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM WITH RAIN AND FREEZE SENSORS AND EVAPOTRANSPIRATION (ET) WEATHER BASED CONTROLLERS AND SAID IRRIGATION SYSTEM SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL AND INSTALL BY A LICENSED IRRIGATOR.

SUMMARY OF LANDSCAPING REQUIREMENTS FOR THE CITY OF MCKINNEY

REQUIRED:	PROVIDED:
<ul style="list-style-type: none"> 5 TREES ALONG RIDGEWOOD (164') 6 TREES ALONG GENEVA (231') 14 TREES ALONG WILMETH (527') SHRUB SCREEN ALONG ORNAMENTAL METAL FENCE 10 TREES WITHIN INTERIOR BUFFER AT FENCE (397') 10' LANDSCAPE BUFFER ALONG RIDGEWOOD 10' LANDSCAPE BUFFER ALONG GENEVA 20' LANDSCAPE BUFFER ALONG WILMETH 37,866 SF OF LANDSCAPE = 54.6% OF SITE 	<ul style="list-style-type: none"> 5 TREES & LARGE EXISTING TREES IN PLACE 7 TREES 15 TREES PROVIDED USING TAM JUNIPER 4 TREES & LARGE EXISTING TREES IN PLACE PROVIDED PROVIDED PROVIDED

A LANDSCAPE PLAN
SCALE: 1" = 10'-0"
PLAN





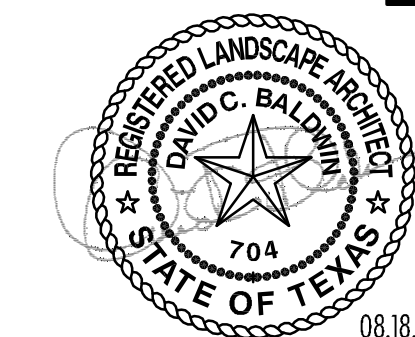
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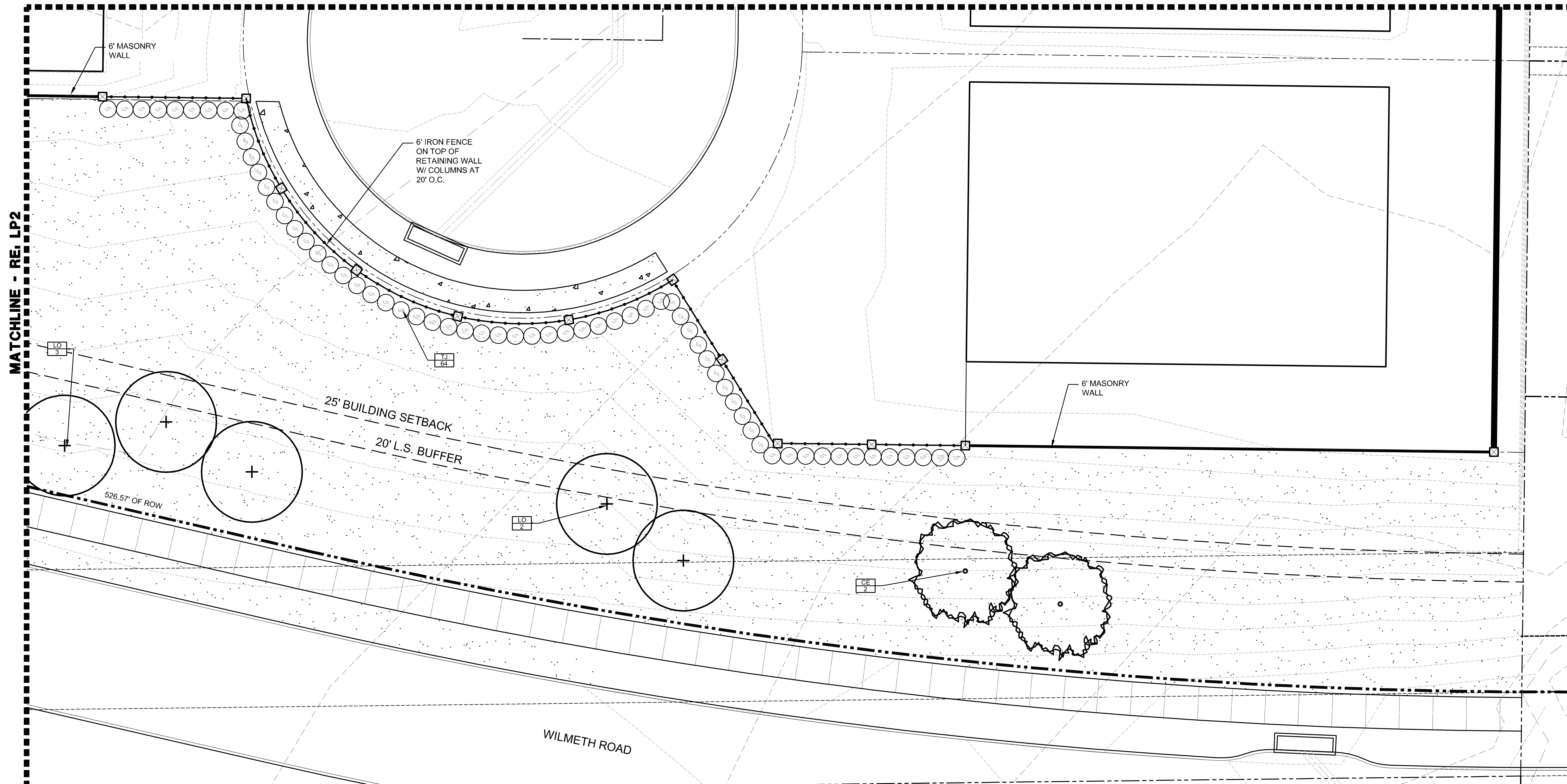
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LP3

MATCHLINE - RE: LP1



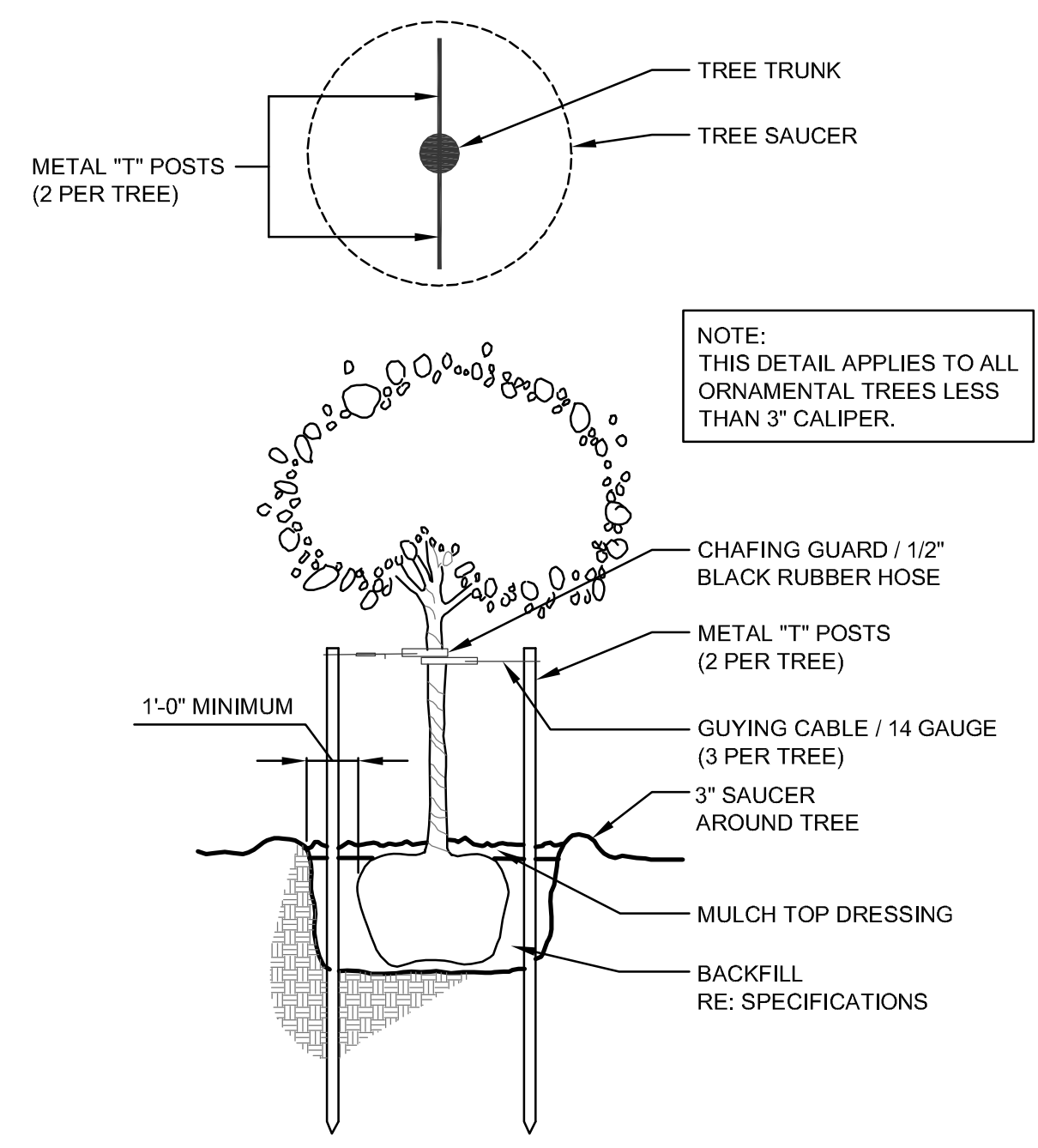
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SCALE: 1" = 10'-0"

PLAN

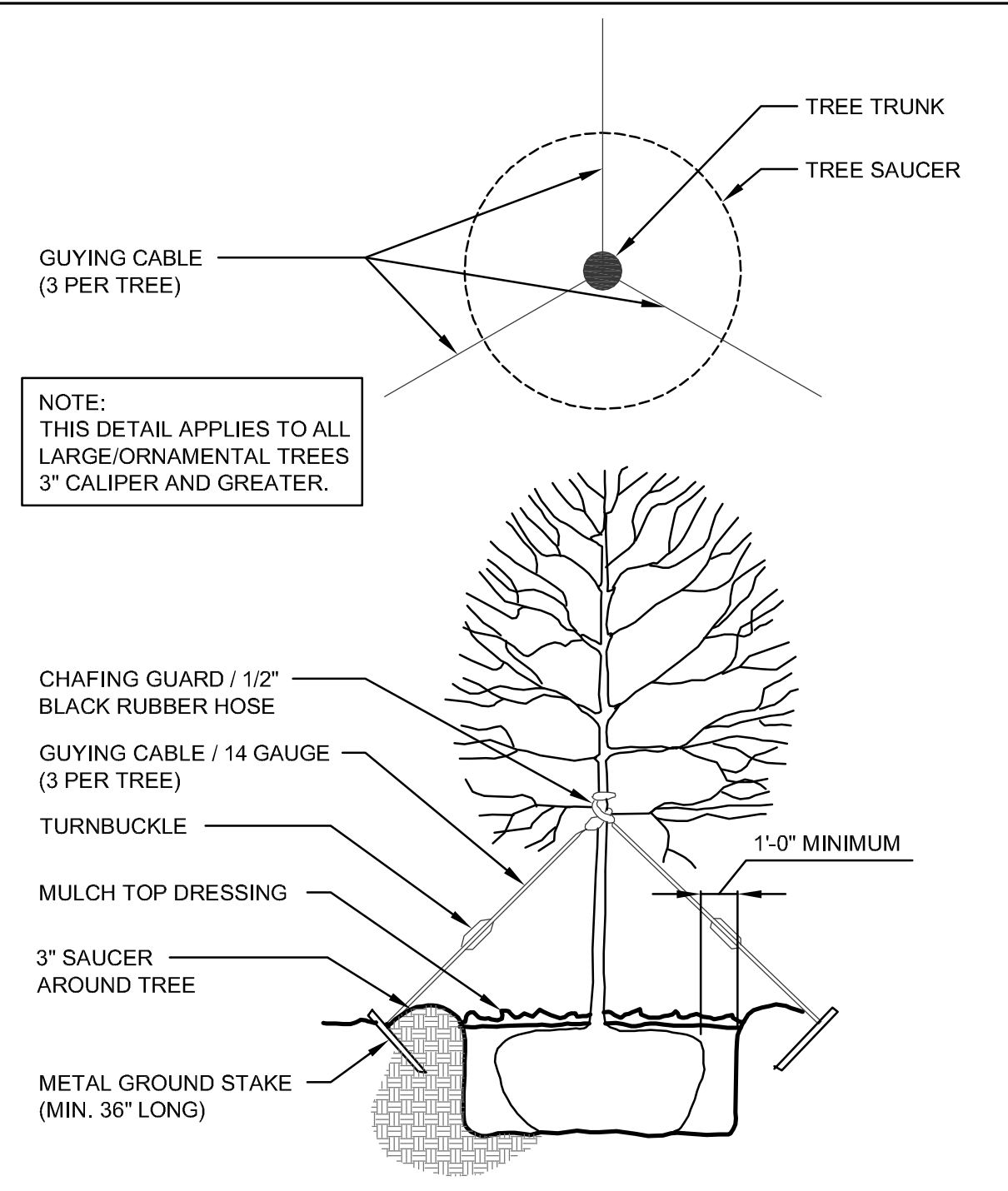


0 5 10 20
(FEET)
1 inch = 10 ft.

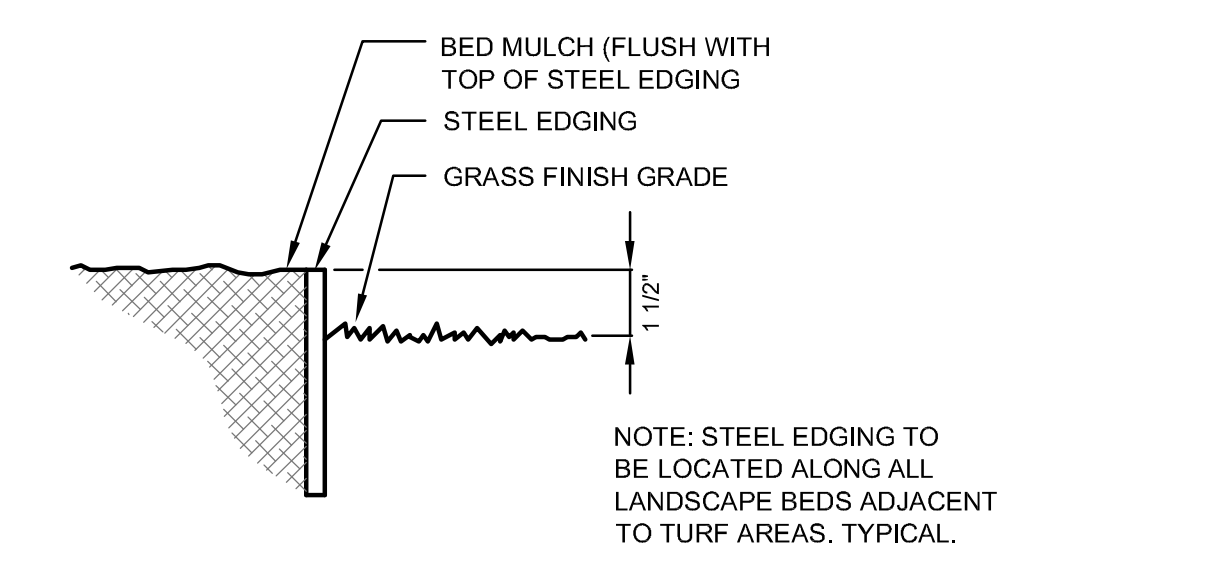
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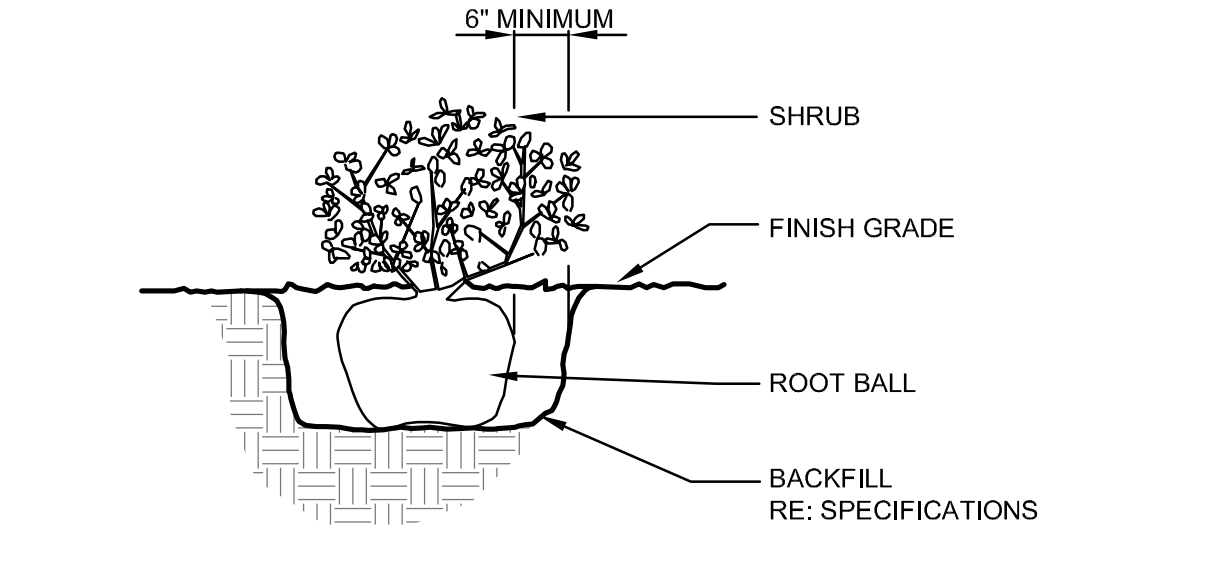
B TREE STAKING DETAIL
SCALE: N.T.S. SECTION/ELEVATION



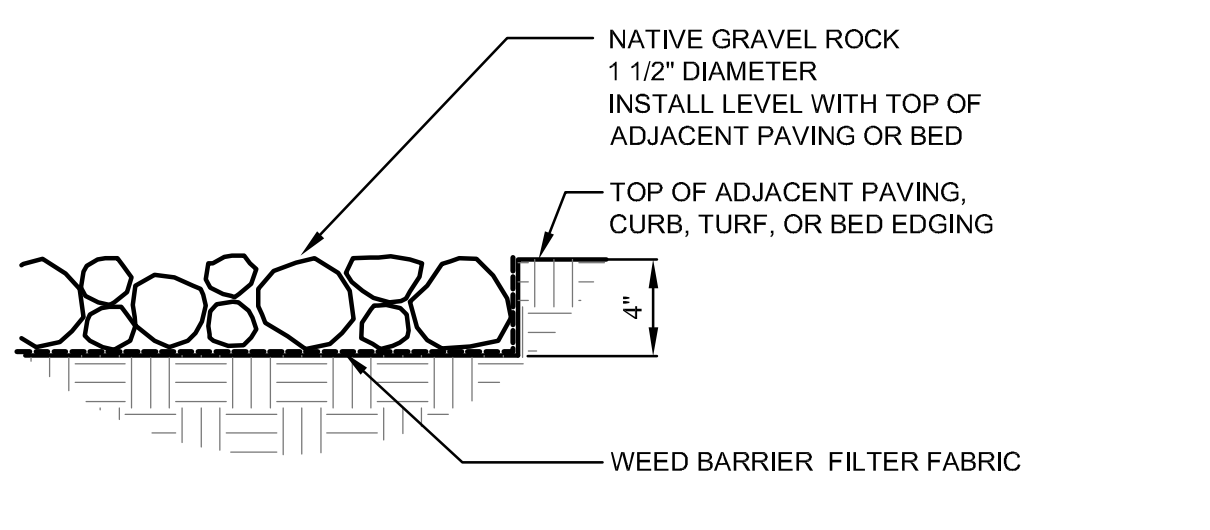
A TREE GUYING DETAIL
SCALE: N.T.S. SECTION/ELEVATION



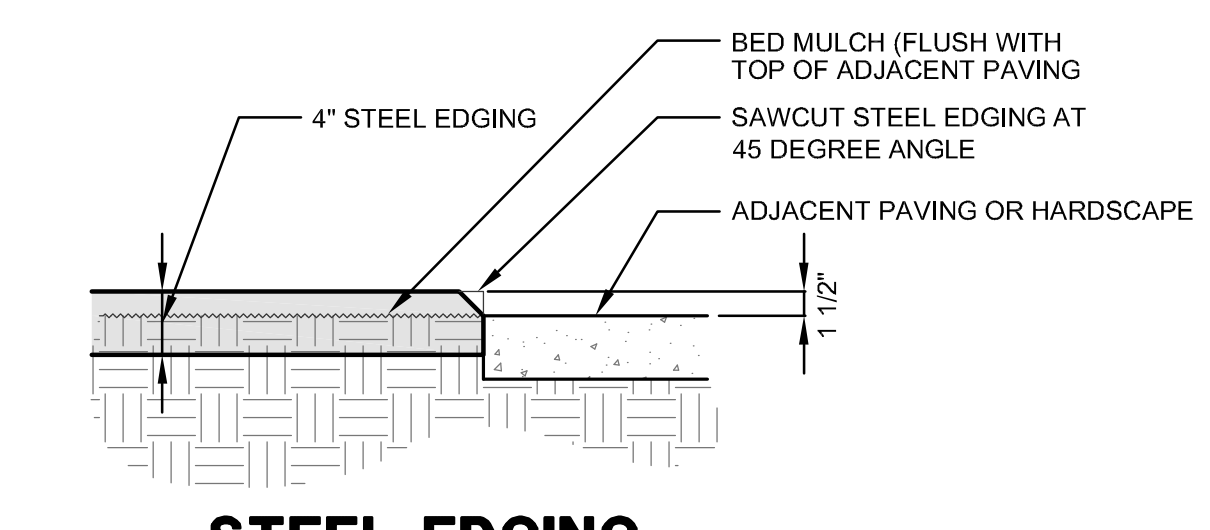
D STEEL EDGING
SCALE: N.T.S. SECTION/ELEVATION



C SHRUB PLANTING DETAIL
SCALE: N.T.S. SECTION/ELEVATION



F DECORATIVE ROCK MULCH
SCALE: N.T.S. SECTION



E STEEL EDGING ADJACENT TO PAVING (TYP.)
SCALE: N.T.S. SECTION/ELEVATION

LANDSCAPE GENERAL NOTES:

- QUANTITIES SHOWN ON PLANT LIST ARE LANDSCAPE ARCHITECT'S ESTIMATE ONLY AND SHOULD BE VERIFIED PRIOR TO BIDDING. CONTRACTOR SHALL BE RESPONSIBLE FOR BIDDING AND PROVIDING QUANTITY OF PLANTS REQUIRE AT SPACING DESIGNATED FOR BED SIZES AND CONFIGURATIONS SHOWN ON PLANS REGARDLESS OF QUANTITIES DESIGNATED ON PLANT LIST.
- CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES, AMBIGUITY, OR UNLABELED PLANTS ON PLANS PRIOR TO BID SUBMITTAL. IF DISCREPANCY, AMBIGUITY, OR UNLABELED PLANT IS NOT CLARIFIED BY LANDSCAPE ARCHITECT PRIOR TO BID SUBMITTAL DATE, CONTRACTOR SHALL NOTE SUCH ITEM ON BID.
- CONTRACTOR SHALL PROVIDE REPRESENTATIVE SAMPLES OF SHRUB AND GROUNDCOVER STOCK FOR LANDSCAPE ARCHITECT'S AND/OR OWNER'S APPROVAL PRIOR TO MAJOR SHIPMENT OF MATERIALS TO SITE. IF REPRESENTATIVE EXAMPLES CANNOT BE PROVIDED, CONTRACTOR SHALL FURNISH GOOD QUALITY PHOTOGRAPH OF LANDSCAPE MATERIALS TO LANDSCAPE ARCHITECT AND/OR OWNERS. PHOTOGRAPHS SHALL HAVE A MEANS OF DETERMINING SCALE AND SIZE OF MATERIALS WITHIN THE PHOTOGRAPH (I.E. FIELD POLE WITH ONE FOOT INCREMENT FOR TREES).
- AFTER TILLAGE AND CLEANING, ALL AREAS TO BE GRASSED SHALL BE LEVELED, AND FINE GRADED. THE REQUIRED RESULT SHALL BE THE ELIMINATION OF RUTS, DEPRESSIONS, HUMPS, AND OBJECTIONABLE SOIL CLOUDS. DURING THE SOIL PREPARATION PROCESS, A "ROCK PICK" OR "ROCK RAKE" SHALL BE USED TO GATHER SURFACE STONES AS SMALL AS ONE INCH (1") IN DIAMETER.
- UNLESS NOTED ON PLANS OTHERWISE, GRASS AREAS TO BE SOLID SOD BERMUDA GRASS.

- CONTRACTOR SHALL GUARANTEE A FULL STAND OF GRASS, REGARDLESS OF WHETHER A PERMANENT LANDSCAPE IRRIGATION SYSTEM IS INSTALLED. CONTRACTOR SHALL PROVIDE TEMPORARY IRRIGATION OR HAND WATER AS REQUIRED FOR TURF ESTABLISHMENT.
- SOIL AMENDMENT: "A PROFESSIONAL BEDDING SOIL" AS PRODUCED BY LIVING EARTH TECHNOLOGIES, INC., 1808 W. NORTHWEST HIGHWAY, DALLAS, TEXAS (PHONE: 214-869-4332) OR "NATURAL T. L. COMPOST" AS PRODUCED BY SOIL BUILDING SYSTEMS, INC., 1770 "Y" STREET, DALLAS, TEXAS (PHONE: 972-831-8181), OR APPROVED EQUAL.
- TREE HOLES TO BE EXCAVATED 2' GREATER THAN BALL DIAMETER AND 6" DEEPER.
- TREE BACKFILL SHOULD BE COMPOSED OF 5 PARTS OF EXISTING SOIL EXCAVATED FROM THE HOLE TO ONE PART SOIL AMENDMENT, THOROUGHLY MIXED WITH 5 LBS. PER CUBIC YARD BACKFILL FERTILIZER (13.13.13 ANALYSIS BULK FERTILIZER). TREE BACKFILL TO BE MECHANICALLY MIXED PRIOR TO BACKFILL OPERATIONS.
- SHRUB PITS SHALL BE EXCAVATED 12" GREATER THAN CONTAINER DIAMETER AND 6" DEEPER. BACKFILL WITH 1/2 EXISTING SOIL AND 1/2 SOIL AMENDMENT (OR APPROVED EQUAL) AS NOTED UNDER NOTE 7. ABOVE, THOROUGHLY BLENDED BY MECHANICAL MEANS PRIOR TO BACKFILL.
- SOIL PREPARATION FOR GROUNDCOVER, SHRUB, AND SEASONAL COLOR BEDS:
 - EXCAVATE EXISTING SOIL, IF NECESSARY, AND ADD TO SHRUB, GROUNDCOVER, AND SEASONAL COLOR AREAS THE FOLLOWING:
 - 4" LAYER OF COMPOST MIX
 - 14-14-14 SLOW RELEASE FERTILIZER (OSMACOTE) AT A RATE OF 5 LBS. / 100 S.F.
 - SPREAD MATERIALS UNIFORMLY AND CULTIVATE THOROUGHLY BY MEANS OF A MECHANICAL TILLER. TILL TO A MINIMUM DEPTH OF 8".
 - POCKET PLANTING OF SHRUB, GROUNDCOVER, AND SEASONAL COLOR IS NOT ALLOWED.

KEY	QUANTITY (LANDSCAPE ARCHITECT'S ESTIMATE ONLY)	COMMON NAME	BOTANICAL NAME	SIZE	REMARKS
LO	16	LIVE OAK	Quercus virginiana	100 gallon; Minimum 4" caliper x 16' height x 6' spread	Container-grown; full head; branching at ± 6'; matched.
CE	7	CEDAR ELM	Ulmus crassifolia	100 gallon; Minimum 4" caliper x 14' height x 5' spread	Nursery-grown; B&B, containerized, or container-grown; full head
RO	8	SHUMARD RED OAK	Quercus shumardii	100 gallon; minimum 4" caliper x 16' height x 6' spread.	Container-grown; full head; branching at ± 6'; matched.
CM1	4	CRAPE MYRTLE 'MUSKOGEE'	Lagerstroemia indica 'Muskogee'	30 gallon; min. 9-10' height x 4-5' spread; multi-trunk.	Container grown; full; Cherry Lake Tree Farm Tel: (352) 429-2171 or approved equal.
CM2	2	CRAPE MYRTLE 'NATCHEZ'	Lagerstroemia indica 'Natchez'	30 gallon; min. 9-10' height x 4-5' spread; multi-trunk.	Container grown; full; Cherry Lake Tree Farm Tel: (352) 429-2171 or approved equal.
NRS	12	NELLIE R. STEVENS HOLLY	Ilex 'Nellie R. Stevens'	30 gallon; Minimum 6' height and 3' spread.	Container-grown; full-to-ground
TYH	2	TREE YAUPON HOLLY	Ilex vomitoria	Minimum 10' height x 6' spread.	Field-selected or containerized; berried; multi-trunk (3-5 canes)
CGY	10	COLOR GUARD YUCCA	Yucca filametosa 'Color Guard'	7 gallon; minimum 36" height x 36" spread	Full; plant 48" o.c.
ABE	45	ROSE CREEK ABELIA	Abelia x 'Rose Creek'	5 gallon; minimum 15" height x 15" spread	Full-to-ground; plant 24" o.c.
GSN	16	GULF STREAM NANDINA	Nandina domestica 'Gulfstream'	5 gallon; minimum 15" height x 15" spread	Full; plant 24" o.c.
OBN	11	OBSESSION NANDINA	Nandina domestica 'Obsession'	5 gallon; minimum 15" height x 15" spread	Full; plant 24" o.c.
TJ	204	TAM JUNIPER	Juniperus sabinna tamariscifolia	7 gallon; minimum 36" height x 24" spread	Full; plant 36" o.c.
BWS	18	BRIDAL WREATH SPIRAEA	Spiraea cantoniensis	5 gallon. Minimum 26" height and 20" spread	Full-to ground; plant 24" o.c.
GCS	9	'GREEN CLOUD' TEXAS SAGE	Leucophyllum frutescens 'Green Cloud'	5 gallon; minimum 24" height x 18" spread	Full; plant 30" o.c.
LOR	6	LOROPETALUM 'PETITE DELIGHT'	Loropetalum chinensis 'Petite Delight'	5 gallon; minimum 24" height x 18" spread.	Full; plant 48" o.c.
OH	4	OAKLEAF HYDRANGEA	Hydrangea quercifolia erythrosora	5 gallon	Full; plant 36" o.c.; multi-stem
GM	108	GULF MUHLY	Muhlenbergia capillaris	3 gallon	Full; plant 24" o.c.
PC	12	PURPLE CONEFLOWER	Echinacea purpurea	1 gallon	Full; plant 30" o.c.
BES	5	BLACK-EYED SUSAN	Rudbeckia hirta	1 gallon	Full; plant 20" o.c.
VER	8	HOMESTEAD PURPLE VERBENA	Verbena canadensis 'Homestead Purple'	1 gallon	Full; plant 18" o.c.
AS	2	AUTUMN SAGE	Salvia greggii 'Furman's Red'	1 gallon	Full; plant 30" o.c.
PSK	6	TEXAS PINK SKULLCAP	Scutellaria suffrutescens	1 gallon	Full; plant 18" o.c.
RL	2	"ROBERT" LOOSESTRIPE	Lythrum salicaria "Robert"	1 gallon	Full; plant 18" o.c.
AJ	1926	ASIAN JASMINE	Trachelospermum asiaticum	1 gallon, minimum 3 runners at 12' long	Full; plant 18" o.c.
EI	832	ENGLISH IVY	Hedera helix	6" pots. Minimum 3 runners at 12" long	Full; plant 18" o.c.
SC	230	SEASONAL COLOR	To be determined (Ready to bloom)	4" pot	Full; ready to bloom; plant 9" o.c.

- MULCH TOPDRESSING TO BE MINIMUM 3" LAYER DOUBLE SHREDDED HARDWOOD, SPREAD UNIFORMLY ON ALL SHRUB AND GROUNDCOVER BEDS AND ON ALL TREE SAUCERS. AVAILABLE FROM LIVING EARTH TECHNOLOGY (PHONE: 214-869-4332) OR APPROVED EQUAL.
- BED EDGING (IF APPLICABLE) TO BE 1/8" X 4" COL-MET "COMMERCIAL" EDGING AS MANUFACTURED BY COL-MET, GARLAND, TEXAS (PHONE: 800-829-8225), OR APPROVED EQUAL. DARK GREEN COLOR UNLESS NOTED OTHERWISE ON DRAWINGS.
- ALL HOLES FOR TREES AND LARGE SHRUBS SHALL BE TESTED FOR WATER RETENTION PRIOR TO TREE OR SHRUB INSTALLATION. AFTER HOLE IS EXCAVATED, IT IS TO BE FILLED WITH WATER TO THE TOP OF THE EXCAVATION. IF, AFTER 24 HOURS, THE HOLE STILL HOLDS WATER, THE CONTRACTOR SHALL EXCAVATE AN ADDITIONAL 6" FROM THE BOTTOM OF THE HOLE. THE LANDSCAPE CONTRACTOR SHALL THEN INSTALL 6" OF NATIVE WASHED GRAVEL COVERED ON THE TOP (AND UP TO A MINIMUM OF 12" ON THE SIDES OF THE HOLE) WITH FILTER FABRIC. THE CONTRACTOR SHALL ALSO INSTALL A CAPPED 3" DIAMETER PVC SUMP WHICH WILL EXTEND FROM NEAR THE BOTTOM OF THE ROCK LAYER TO 3" ABOVE THE PROPOSED FINISH GRADE SO THE HOLE CAN BE EVACUATED THROUGH MECHANICAL MEANS.
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PRIME CONSULTANT
LANDSCAPE ARCHITECT

DAVID C. BALDWIN
INCORPORATED

LANDSCAPE ARCHITECTURE PLANNING

730 EAST PARK BOULEVARD, SUITE 100
PLANO, TX 75074
PHONE: (972) 509-1266 / FAX: (972) 509-1269

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