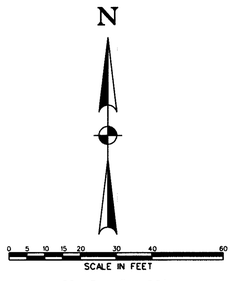


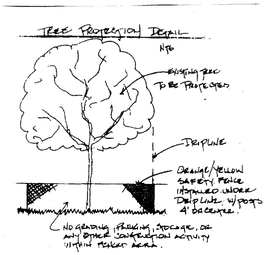
SCALE: 1" = 20'

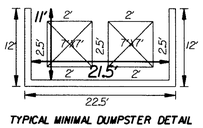
TREE PRESERVATION NOTES

1. Prior to grading, brush removal, or construction, the developer shall clearly tag or mark all trees to be preserved.
2. The developer shall erect a plastic mesh fence (minimum of 4 feet in height) around each tree or group of trees to prevent placement of debris or fill within the drip line.
3. During the construction phase of development, the developer shall prohibit cleaning, parking, or storage of equipment or materials under the canopy of any tree or group of trees being preserved. The developer shall not allow the disposal of any waste material such as, but not limited to, paint, oil, solvents, asphalt, concrete, mortar, etc., in the canopy area.
4. No attachments or wires of any kind, other than those of a protective nature, shall be attached to any tree being preserved.
5. No fill or excavation may occur within the drip line of a tree to be preserved unless there is a specific approved plan for use of tree wells or retaining walls.

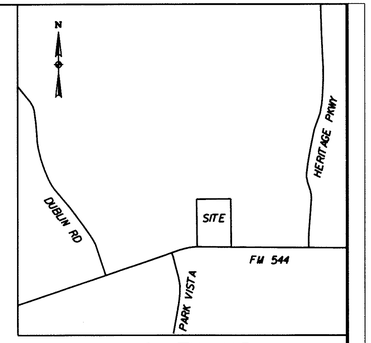
Major changes of grade (six (6) inches or greater) will require additional measures to maintain proper oxygen and water exchange with the roots. In addition, the developer should adhere to the following guidelines to protect the trees to be preserved:

a. With major grade changes, a reinforced retaining wall or tree well of a design approved by the City should be constructed around the tree no closer than half the distance between the trunk and the drip line. The retaining wall should be constructed so as to maintain the existing grades around a tree or group of trees.
b. At no time should a wall, pavement, or porous pavement be placed closer than five (5) feet or one (1) foot for every two (2) inches in caliper, whichever is greater, to the trunk of the tree.
c. Root pruning may be necessary when the critical root zone is to be disturbed.
d. If a Patio, sidewalk, drive, parking lot, or other paved surface must be placed within the drip line of

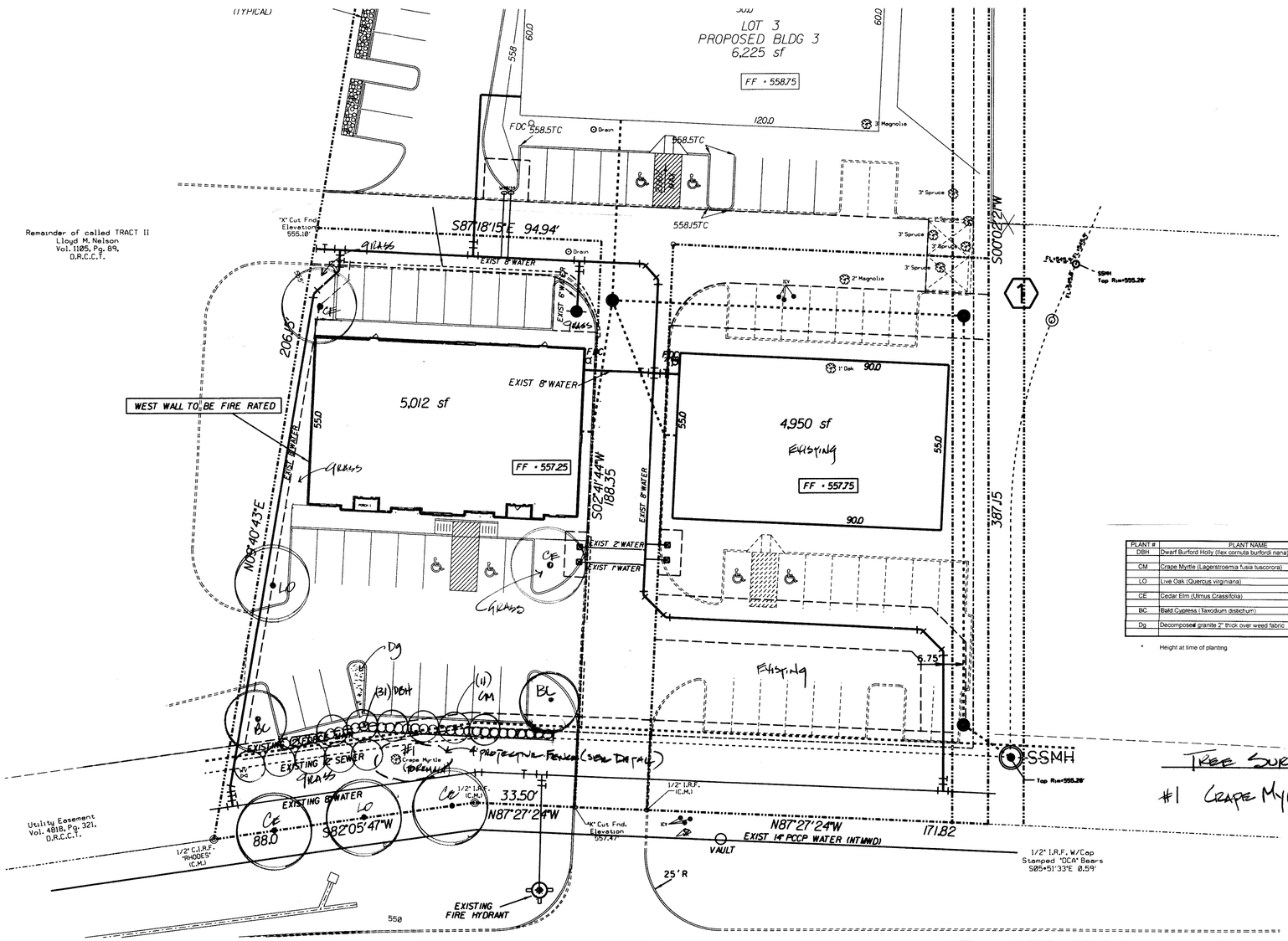




TYPICAL MINIMAL DUMPSTER DETAIL



VICINITY MAP
NOT TO SCALE



LANDSCAPE NOTES:

All areas disturbed due to construction excavation/grading will be grassed as prescribed below.
Areas with steep slopes and in drainage flows will be solid sod Bermuda.

All grass areas are to be hydromulched Bermuda (2# per 1000 sq.ft.), solid sod Bermuda, Palisades Zoysia, or St.Augustine. ***The Contractor shall verify water restrictions with the City of Murphy at time of planting. Should water restrictions not allow hydromulch, hydroseeding, or sprigging (Stage 3 and Stage 4 water restrictions), an approved alternative for grassing shall be installed.***

Grass and bed areas are to be separated by 14 gauge metal edging (min.).

All trees & shrubs are to be planted minimum of 5' from impermeable surfaces & utility lines.

Contractor to verify plant material quantities and notify owner of any conflicts.

Bed preparation shall consist of incorporating one 4 cubic foot bale of spagnum peat moss and one 3 cubic foot bag of landscapers mix per 75 sq. ft. into the top six inches of existing soil.

All landscape areas shall be watered by a fully automatic irrigation system meeting the minimum standards of the American Society of Irrigation Consultants, and the current building code(s) for the City of Murphy.

All plant material shall meet American Nursery Standards for height and width in each container size. With the exception of ground cover beds, all plant material shall be mulched with 2" of cedar mulch (minimum).

Trees shall have a root ball of a minimum of 10 inches of diameter for each inch of caliper.

Contractor shall be responsible for locating all utilities and obtaining permits as required by City.

LANDSCAPE TABULATIONS:

Site: (.476 ac., 20734.56 sq.ft.)
- Required: 20%
- Provided: (5743 s.f.) 28%

Landscape Buffer: (25')
FM 544 (121.5 l.f.) (1 large shade tree and 4 small ornamental trees per 50')
- Required: 121.5/50=2.4 — 3 large trees, 12 ornamental
- Provided: (Ornamental -11 new, 1 existing) — 3 large trees, 12 ornamental

Parking Lot Landscape: (24 spaces):
- Required: Landscape area 16 sq. ft. per space (24x16=384 s.f.) — 384 s.f.
- Provided: — 1495 s.f.
- Required: (one tree per 12 spaces) (24/12=2) — 2trees
- Provided: (one tree within 60' of parking space, 1 tree at each island end where possible) — 6 trees

Parking Lot screening provided

PLANT #	PLANT NAME	SIZE	SPACING	HEIGHT*	QUANTITY
DBH	Dwarf Burford Holly (Ilex cornuta burfordi nana)	3/5 gal	36"	24"	31
CM	Crape Myrtle (Lagerstroemia fusia tuscorora)	30 gal	A/I	7-8'	11
LO	Live Oak (Quercus virginiana)	5" cal	A/I	12'	2
CE	Cedar Elm (Ulmus Crassifolia)	5" cal	A/I	12'	4
BC	Bald Cypress (Taxodium distichum)	5" cal	A/I	12'	2
Dg	Decomposed granite 2" thick over weed fabric				

* Height at time of planting

TREE SURVEY
#1 CRAPE MYRTLE 8" CALIPER TO REMAIN

LANDSCAPE PLAN — TREE SURVEY

LOT 1 - BLOCK 1 MURPHY MEDICAL ADDITION

ALLERGY ASTHMA IMMUNOLOGY CENTER

MURPHY, COLLIN COUNTY, TEXAS

SHARP LANDSCAPES
1129 HUNTINGTON DRIVE • RICHARDSON, TEXAS 75080
BILL SHARP - 972-978-6172

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
HELM	CADD	JUNE 2017	1"=20'	LBORDER	1721	L1