

LANDSCAPE CALCULATIONS

STREET YARD	Required	Provided
Total Site Area	-	80,812 s.f.
Total Street-Yard Area	-	29,102 s.f.
Street-Yard/Landscape-20%	5820 s.f.	19637 s.f.
TREES (street-yard)	Required	Provided
at 10 per first 10,000s.f., plus 1/2500s.f. over 10000s.f.	18 ea.	18 ea.
Existing Trees Credit	-	-
2" diameter to 6" diameter	- ea.	- ea.
6" diameter or greater = 3 x 2	- ea.	- ea.
Proposed Trees (street-yard)	-	-

SCREENING

ISLANDS, MEDIANS, OR PENINSULAS	Required	Provided
Street-yard area	- s.f.	- s.f.
Non street-yard area	- s.f.	- s.f.

BUFFERING POINTS Required 325 Total Provided 549 (decorative wall not included)

SIZE	QUANTITY	PREFERRED	OTHER	PROVIDED
Large Trees 3'-6"	9	pts.	pts.	-
Small Trees 1'-1/2"	5	pts.	pts.	15
Large Shrubs 5 gal.	3	pts.	pts.	-
Medium Shrubs 5 gal.	68	pts.	pts.	204
Small Shrubs 5 gal.	90	pts.	pts.	180
Decorative Wall (3' minimum height)	300' l.f. x 3	pts.	pts.	-
Berm (3' min. @ no < 4 : 1 slope)	150 l.f. x 1	pts.	pts.	-
Alternative Compliance = N/A				

TREE REPLACEMENT CALCULATIONS

Tree removed by class	QTY	IN.	Replacement Caliber IN.
I&II, 19" or larger	0	0	100%
I&II, 8-18"	0	0	50%
III&IV, 19" or larger	1	19	50%
III&IV, 8-18"	1	16	25%
Total	0	35	Total 14

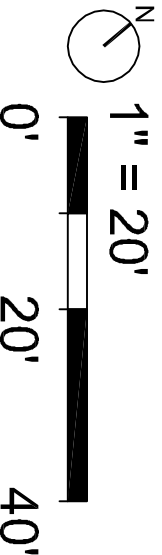
Replacement Trees Planted on-site 4 trees @ 4" cal- 16 inches Payment into Urban Forestry Fund: NA Per ECM 3.5.4 Mitigative Measures

PLANT & MATERIAL LIST

THESE PLANTS, SIZES AND QUANTITIES NOT REQUIRED FOR LANDSCAPE CODE COMPLIANCE. ***

QTY			
5	Large Street Yard Tree 5" Cal. Ulmus crassifolia Cedar Elm	2	4" Cal. Ulmus crassifolia Cedar Elm ***
13	Small Street Yard Tree 2" Cal. Bauhinia congesta Anacacho Orchid	2	4" Cal. Quercus texana Texas Red Oak ***
5	Small Buffer Tree 2" Cal. Chilopsis linearis Desert Willow		
21	Small Tree 2" Cal. Chilopsis linearis Desert Willow ***	Evergreen Tree Alternate for Desert Willow 10-12 ft. height- Ilex vomitoria Yaupon Holly - 21 total trees	
68	3 gal. Stipa tenuissima Mexican Feathergrass		3" deep Bark Mulch bed at all trees
90	3 gal. Muhlenbergia lindheimeri Lindheimer Muhly		Crushed stone bed
	Cynodon dactylon "fifway 419" Bermuda 419 Solid sod all areas ragged and not otherwise planted		

SUBCHAPTER E SHADE TREES	
9	4" Cal. Ulmus crassifolia Cedar Elm



NO.	DATE	REVISION	BY
1	08-10-10	FOR COMPLETNESS REVIEW	DX
2	09-02-10	COMMENTS AND REPORT	DX
3	01-18-11	update no. 1	SM

MUELLER SUBSTATION
4307 Manor Road

LANDSCAPE PLAN

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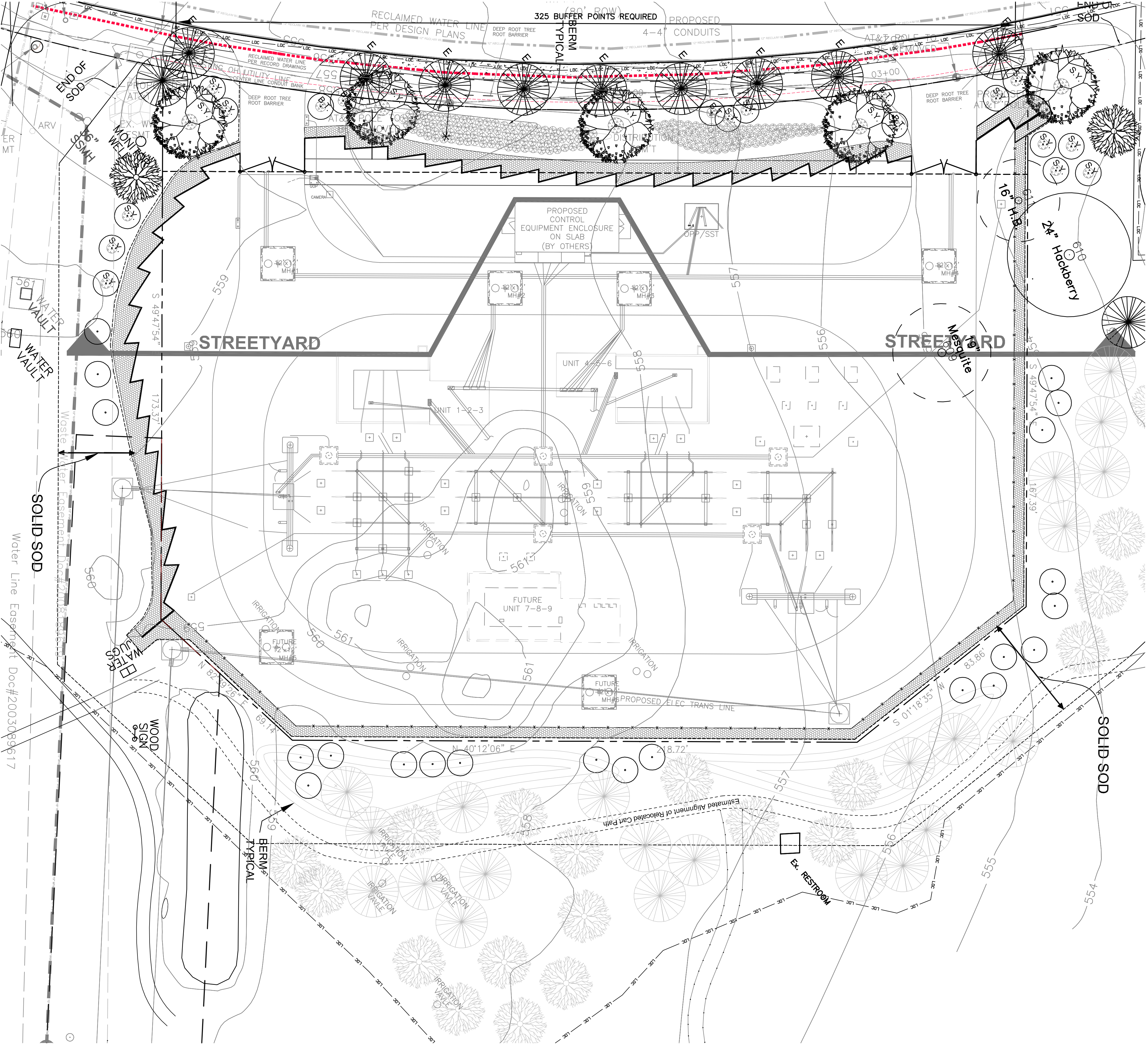
These documents are
Incomplete and may not be
used for regulatory approval,
permit, or construction.

Robert C. Garcia
TX Landscape Arch #1292
May 3, 2011

L1.00

SHEET

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Water Line Easement Doc#2003089617