TREES TO BE REMOVED: WITHIN EASEMENTS (EXEMPT)

EXEMPT TREES TO BE REMOVED:
#716 - 13" OAK
#725 - 19" OAK
#727 - 19" OAK
#744 - 11" OAK
#745 - 14" OAK
#759 - 28" OAK
#763 13" OAK
#771 - 13" OAK
#775 - 11" AND 8" TWIN OAK
#777 - 17" AND 7" TWIN OAK
#811 - 11" OAK
#812 - 13" OAK
#819 - 12" OAK
#825 - 10" OAK
#831 - 15" AND 16" TWIN OAK
#834 - 10" OAK
#836 - 17" OAK
#840 - 14" OAK
#841 - 12" OAK
#843 - 8" OAK
#854 - 15" OAK
#873 - 18" OAK
#875 - 16" OAK
#879 - 25" OAK
#890 - 22" OAK
#892 - 10" OAK
#893 - 13" OAK
#895 - 15" OAK
#898 - 8" OAK
#900 - 15" OAK
#901 - 12" OAK
#903 - 8" OAK
SUMMARY 488 CAL INCHES

TREES TO BE REMOVED: PROTECTED TREES
#585 - 7" OAK
#820 - 16" OAK
#821 - 13" OAK
#832 - 10" OAK
#835 - 9" OAK
#847 - 20" OAK
SUMMARY = 75 CAL. INCHES

PROTECTED TREES TO REMAIN (PRESERVED TREES):
#904 - 30" OAK (6 TREE CREDIT)
#908 - 10" OAK (3 TREE CREDIT)
#910 - 11" OAK (3 TREE CREDIT)
#911 - 12" OAK (3 TREE CREDIT)
#912 - 14" OAK (3 TREE CREDIT)
#913 - 17" AND 16" TWIN OAK (8 TREE CREDIT)
#914 - 12" OAK (3 TREE CREDIT)
#915 - 8" OAK (2 TREE CREDIT)
#916 - 15" OAK (3 TREE CREDIT)
#917 - 7" OAK (2 TREE CREDIT)
#918 - 10" AND 7" TWIN OAK (5 TREE CREDIT)
#919 - 15" OAK (3 TREE CREDIT)
#924 - 15" OAK (3 TREE CREDIT)
#925 - 10" OAK (3 TREE CREDIT)
#926 - 13" OAK (3 TREE CREDIT)
#927 - 9" OAK (2 TREE CREDIT)
#928 - 6" OAK (2 TREE CREDIT
SUMMARY 237 CAL INCHES (57 TREE CREDIT)

TREE SUMMARY:
TOTAL PROTECTED TREES REMOVED = 75 CAL. INCHES
TOTAL PROTECTED TREES PRESERVED = 237 CAL INCHES
PRESERVATION EXCEEDS REQUIRED
MITIGATION BY 162 CAL. INCHES
EXEMPT TREES TO BE REMOVED = 488 CAL INCHES
INSTALLED TREES ABOVE ORD. REQ.= 38 CANOPY TREES
38 (3.5") 133 CAL/ INCHES + 6 ORNAMENTAL TREES

INSTALLED TREE LIST:

EVERGREEN TREE: LIVE OAK (Quercus virginiana) Plant 29- 3.5" cal. on 20' ctrs.

DECIDUOUS TREE: SHUMARD RED OAK (Quercus shumardii) red fall color tree. Plant 31-3.5" cal. on 20' ctrs.

DECIDUOUS TREE: CEDAR ELM (Ulmus crassifolia) yellow fall color tree. Plant 18- 3.5" cal. on 20' centers.

DECIDUOUS ORNAMENTAL TREE: DESERT WILLOW (Chilopis lineras) flowering tree. Plant 46 - (6'-8' tall at planting)

DECIDUOUS ORNAMENTAL TREE: CRAPE MYRTLE (Lagerstromia indica) flowering tree. Plant 46 - (6'-8' tall at planting)

EVERGREEN ORNAMENTAL TREE: LITTLE GEM MAGNOLIA (Magnolia 'Little Gem') flowering evergreen tree. Plant 36 - (6'-8' tall at planting)

INSTALLED TREES SUMMARY:
122 ORNMANTAL+11 CANOPY TREES INSTALLED ON LOTS
OPEN SPACE AND N.MAIN INSTALLED TREES
67 CANOPY TREES AND 6 ORNAMENTAL TREES = 73
TOTAL TREES INSTALLED = 206 TREES INSTALLED
REQUIRED TREES:
MAIN STREET 20' BUFFER = 25 TREES REQUIRED
29 PROVIDED
LOTS = 76 AT 2 PER LOT = 152 REQUIRED
133 PROVIDED OFFSET BY INCREASED OPEN SPACE
TREE PLANTING ABOVE ORDINANCE AND 57 CREDITS

INSTALLED SHRUB AND GROUNDCOVER LIST:

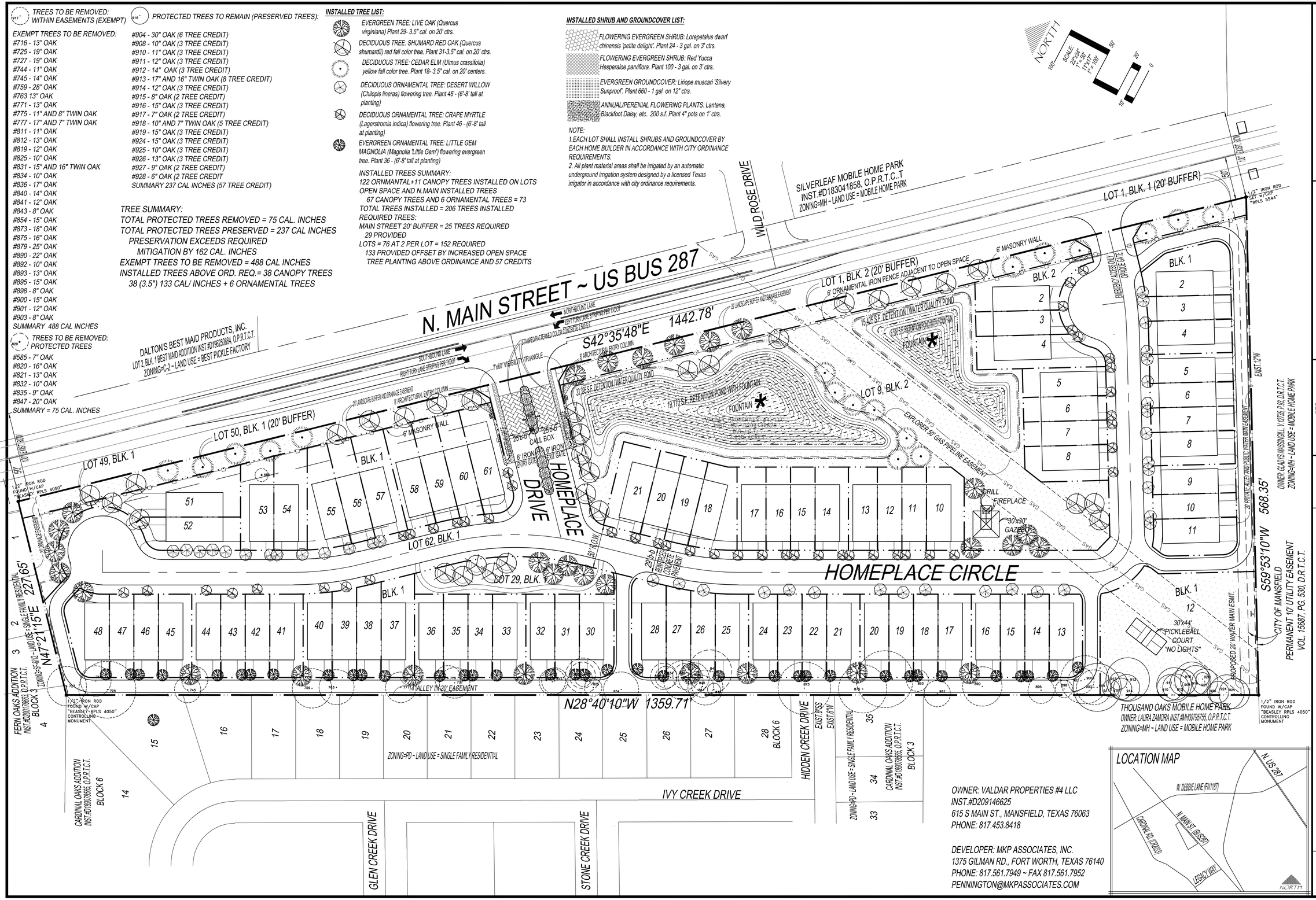
FLOWERING EVERGREEN SHRUB: Lorepetalus dwarf chinensis 'petite delight'. Plant 24 - 3 gal. on 3' ctrs.

FLOWERING EVERGREEN SHRUB: Red Yucca Hesperaloe parviflora. Plant 100 - 3 gal. on 3' ctrs.

EVERGREEN GROUNDCOVER: Liriope muscari 'Silvery Sunproof'. Plant 660 - 1 gal. on 12" ctrs.

ANNUAL/PERENIAL FLOWERING PLANTS: Lantana, Blackfoot Daisy, etc.. 200 s.f. Plant 4" pots on 1' ctrs.

NOTE:
1.EACH LOT SHALL INSTALL SHRUBS AND GROUNDCOVER BY EACH HOME BUILDER IN ACCORDANCE WITH CITY ORDINANCE REQUIREMENTS.
2. All plant material areas shall be irrigated by an automatic underground irrigation system designed by a licensed Texas irrigator in accordance with city ordinance requirements.



OWNER: VALDAR PROPERTIES #4 LLC
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PHONE: 817.453.8418

DEVELOPER: MKP ASSOCIATES, INC.
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COTTER & ASSOCIATES, LLC
G.A. DIXON & ASSOCIATES
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LAND PLANNING * PROJECT MANAGEMENT * LANDSCAPE ARCHITECTURE
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TEXAS ENGINEERING FIRM REGISTRATION #: 15836

REGISTERED LANDSCAPE ARCHITECT BRIAN G. COTTER 17756 STATE OF TEXAS
5-23-2020

DESIGN: BGC	
DRAWN: DJC	
DATE: 5-26-2020	REV.: 9-23-2020
PROJECT: 932 PD LA.dwg	

CHARLESTON

76 LOT SINGLE-FAMILY ATTACHED PD LANDSCAPE PLAN

12.638 ACRES IN THE M. ROCKERFELLOW SURVEY ABSTRACT 1267
1675 N. MAIN ST., CITY OF MANSFIELD, TARRANT COUNTY, TEXAS

4 OF 5

ZC#20-009 EXHIBIT "D"