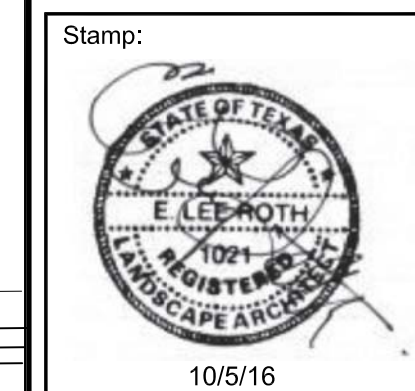


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Project for:
McKinney 8th Ward
New Heritage 98 MH
McKinney TX Stake
 Hardin Blvd. & Wilmeth Rd.
 McKinney, TX 75071

Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

Project Number:	500-6954-16010101
Plan Series:	HER-TRA-98-20
Property Number:	500-6954

Sheet Title:
LANDSCAPE PLAN AND NOTES

Sheet:
L101

SYMBOL	QUANTITY	COMMON NAME	SCIENTIFIC NAME	PLANTING SIZE	SPECIFICATION
(Symbol)	13	LIVE OAK	QUERCUS VIRGINIANA	4" CAL.	16" HT., 5" SP., CONTAINER, FULL HEAD
(Symbol)	29	CEAR ELM	ULMUS CRASSIFOLIA	4" CAL.	16" HT., 5" SP., CONTAINER, FULL HEAD
(Symbol)	7	BALD CYPRESS	TAXODIUM DISTICHUM	4" CAL.	16" HT., 4" SP., CONTAINER, FULL HEAD
(Symbol)	20	CHINESE PISTACHIO	PISTACIA CHINENSIS	4" CAL.	14" HT., 4" SP., CONTAINER, FULL HEAD
(Symbol)	18	CRAPE MYRTLE	LAGERSTROMIA I. RED	30 GAL.	8"-10" HT., 4" SP., CONTAINER, MULTI-TRUNK
(Symbol)	4	FOSTER HOLLY	ILEX A. 'FOSTER'	30 GAL.	8"-10" HT., 4" SP., FULL TO THE GROUND
(Symbol)	61	NRS HOLLY	ILEX C. 'NELLIE R STEVENS'	15 GAL.	4" HT., 2" SP., FULL TO THE GROUND, 36" O.C.
(Symbol)	40	LOROPETALUM	LOROPETALUM C. 'PURPLE DIAMOND'	10 GAL.	4" HT., 3" SP., FULL FORM
(Symbol)	75	DWF. BURFORD HOLLY	ILEX C. BUFORDI NANA	7 GAL.	3" HT., 2" SP., FULL FORM
(Symbol)	21	KNOCK-OUT ROSE	ROSA 'KNOCK-OUT RED'	7 GAL.	3" HT., 3" SP., FULL FORM
(Symbol)	77	COMPACT WAX MYRTLE	MYRTICA PUSILLA	7 GAL.	3" HT., 3" SP., FULL FORM
(Symbol)	20	COMPACT ABELIA	ABELIA COMPACTA	5 GAL.	24" HT., 24" SP., FULL FORM
(Symbol)	34	INDIAN HAWTHORN	RAPIHOLEPSIS I. 'PINKIE'	5 GAL.	24" HT., 24" SP., FULL FORM
(Symbol)	76	RED YUCCA	HESPERALOA PARVIFOLIA	5 GAL.	30" HT., 30" SP., FULL FORM
(Symbol)	26	NANDINA	NANDINA 'GULF STREAM'	5 GAL.	24" HT., 24" SP., FULL FORM
(Symbol)	150	DWF. FOUNTAIN GRASS	PENNISETUM HAMLIN	3 GAL.	18" HT., 18" SP., 18" O.C.
(Symbol)	200	SHORE JUNIPER	JUNIPERUS CONFERTA	3 GAL.	12" HT., 12" SP., 18" O.C.
(Symbol)	7120	ASIAN JASMINE	TRACHELOSPERMUM ASIATICUM	4" POTS	FULL POTS, 12" O.C.
(Symbol)	240	LANTANA	LANTANA C. 'NEW GOLD'	1" POTS	FULL POTS, 18" O.C.
(Symbol)		GRASS			COMMON BERMUDA SEE PROJECT MANUAL
(Symbol)		MULCH			WITH WEED BARRIER SEE PROJECT MANUAL
(Symbol)		DECOMPOSED GRANITE CHIP			

DESIGN CRITERIA	
CLIMATE	U.S. HARDINESS ZONE 7B
ZONING ORDINANCE	CHAPTER 146/ARTICLE IV / SEC. 146-135
WATER AVAILABILITY	60 P.S.I. AND 58 G.P.M.
SOIL TYPE	SANDY CLAY, DARK BROWN
SLOPES	DOMINANT SLOPE TYPE - FLAT,
WIND	PREVAILING WIND SOUTH TO SOUTHEAST
LANDSCAPE SETBACKS	FRONT 20' / SIDE & REAR 10'
MICROCLIMATES	NONE
SOIL PH	EST. 7.1
LAWN AREA PERCENTAGE	32%
UNDEVELOPED PROPERTY	3,100 SQ. FT.
IRRIGATION SYSTEM	YES - AUTOMATIC

LANDSCAPE DATA	
TOTAL SITE AREA	4.15 SQ. ACRES
SHRUBS/GROUND COVER	15,328 SQ. FT.
TOTAL LANDSCAPE AREA	72,318 SQ. FT.
TREES ON SITE	86 TOTAL

PLANT COVERAGE		
STREET FRONTAGE	SHRUBS-MATURE COVERAGE	TREES-MATURE COVERAGE
ENTRIES	75%	FRAME BUILDING
BUILDING PERIMETER	60%	FRAME ENTRY
PERIMETER SIDES	20%	70%
PERIMETER REAR	25%	60%

- PLANTING NOTES:**
- THE CONTRACTOR SHALL VERIFY WATER RESTRICTIONS WITHIN THE CITY OF MCKINNEY AT TIME OF PLANTING. SHOULD WATER RESTRICTIONS NOT ALLOW HYDRO-MULCH, HYDRO-SEEDING, OR SPRIGGING (STAGE 3 OR 4 WATER RESTRICTIONS) AN APPROVED ALTERNATIVE FOR GRASSING SHALL BE INSTALLED.
 - ALL REQUIRED LANDSCAPE AREAS SHALL BE PROVIDED WITH AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM WITH RAIN AND FREEZE SENSORS, AND SAID IRRIGATION SYSTEM SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL AND INSTALLED BY A LICENSED IRRIGATOR.
 - ALL BED AREAS TO HAVE 3" TOP-DRESSING OF APPROVED MULCH OVER WEED BARRIER FABRIC. FABRIC SHALL BE INSTALLED AFTER PRE-EMERGENT HAS BEEN APPLIED - REF. DETAILS AND SPECIFICATIONS.
 - MULCH AND DECOMPOSED GRANITE CHIP REF. DETAILS AND SPECIFICATIONS.
 - CONTRACTOR TO ARRANGE FOR LANDSCAPE ARCHITECT TO REVIEW SAMPLE OF PLANT MATERIALS PRIOR TO INSTALLATION.
 - PLANTINGS INDICATED AS GROUND COVER SHALL HAVE APPROVED HARDWOOD MULCH TOP DRESSING AND SHALL HAVE STEEL EDGING SEPARATING ADJACENT GROUND COVERS OR ROCK MULCH BED AREAS.
 - IF PROPOSED PLANT MATERIALS CAN NOT MEET SPECIFICATIONS, CONTRACTOR IS TO NOTIFY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - WHEN PLANTED AT THE SPECIFIED ON CENTER SPACING, IF QUANTITY IS OFF NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY. NO SURPLUS MATERIALS SHALL BE REMOVED FROM THE SITE PRIOR TO CREDIT APPROVAL OF OWNER.
 - IF CONTRACTOR NOTES ANY SITUATION WHERE PLANT MATERIALS APPEAR TO CONFLICT WITH STRUCTURE OR UTILITIES, NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY.
 - CONTRACTOR SHALL STOCK PILE EMPTY FLATS OF GROUND COVERS AND BAGS OF ALL SOIL ADDITIVES UNTIL APPROVED LANDSCAPE ARCHITECT.
 - ALL GRASS TO BE SOLID SOD COMMON BERMUDA GRASS UNLESS NOTED OTHERWISE AND SHALL BE INSTALLED EDGE-TO-EDGE, SANDED AND ROLLED - REF. DETAILS AND SPECIFICATIONS.
 - SEE DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- DESIGN DEVELOPMENT CRITERIA:**
- FRONT YARD PERMANENT LANDSCAPE REQUIRES AT LEAST 15% FRONT YARD PERMANENT LANDSCAPE PROVIDED: 72%
 - ENTIRE SITE LANDSCAPE PROVIDED: 10%
 - ENTIRE SITE LANDSCAPE PROVIDED: 40%
 - LANDSCAPE BUFFER ADJACENT TO MAJOR THOROUGHFARE ROW REQUIRED: MINIMUM 20'
 - LANDSCAPE BUFFER ADJACENT TO MAJOR THOROUGHFARE ROW PROVIDED: 25' BUILDING, 37' STEEPLE
 - STREET FRONTAGE TREES - CANOPY TREES WITHIN THE 20' LANDSCAPE BUFFER 1 TREE/40 L.F. 315.51' = 8 TREES REQUIRED.
 - STREET FRONTAGE TREES PROVIDED: 8 TREES (SW BELL ESMNT.)
 - TREES FOR RESIDENTIAL ADJACENCY 1 TREE/40 L.F. SOUTH PROPERTY LINE 580.07 L.F. = 15 TREES REQUIRED
 - SOUTH PROPERTY TREES PROVIDED: 14 TREES (SW BELL ESMNT.)
 - EAST PROPERTY LINE 309.5 L.F. = 8 TREES REQUIRED
 - EAST PROPERTY TREES PROVIDED: 8 TREES
 - PARKING LOT TREES 1 TREE / 10 SPACES, 219 = 22 TREES REQUIRED
 - PARKING LOT TREES PROVIDED: 30 TREES
 - PARKING LOT SCREENING: 75% OF FRONTAGE REQUIRED.
 - PARKING LOT SCREENING: 100%