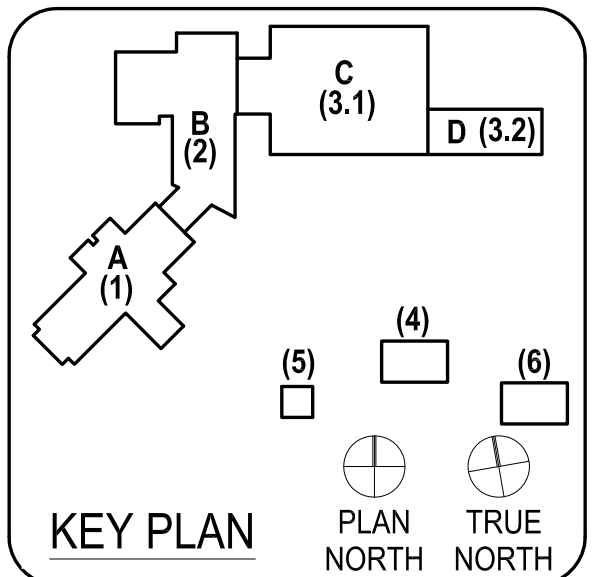


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PUBLIC SAFETY
G2 Solutions Group, Inc. 4110 Costello Plaza San Clemente, CA 92673 714-381-6673

Collin College PSTC

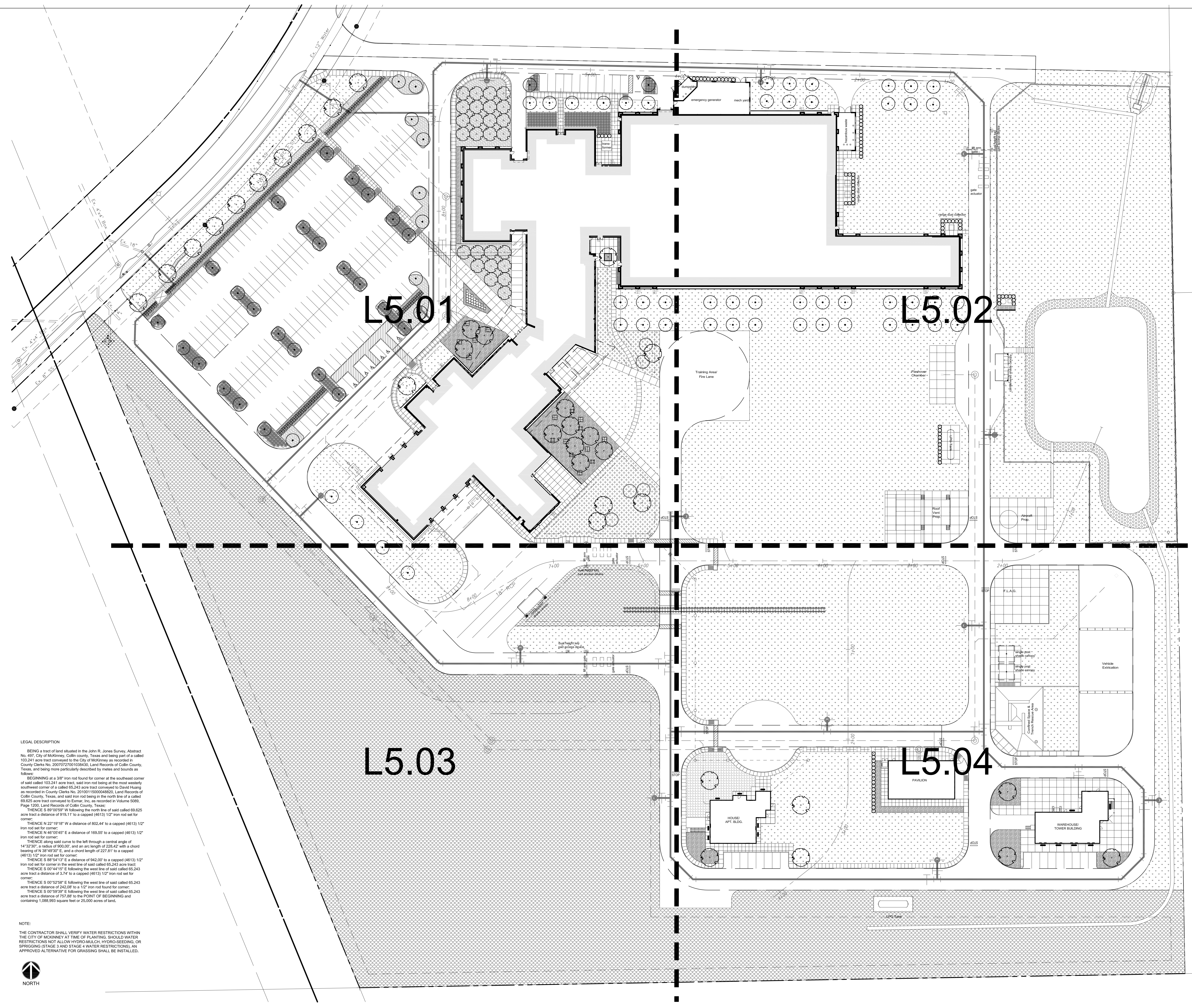


CLIENT	Collin College	
PROJECT NUMBER	15250	
DATE:	08.24.2016	
DRAWN BY:	XZ, MN	
CHECKED BY:	TA	
REVISIONS		
No.	Description	Date

100% CONSTRUCTION DOCUMENTS

SHEET LAYOUT

L0.02



LEGAL DESCRIPTION

BEING a tract of land situated in the John R. Jones Survey, Abstract No. 497, City of McKinney, Collin County, Texas and being part of a called 103.241 acre tract conveyed to the City of McKinney as recorded in County Clerks No. 20070727001038430, Land Records of Collin County, Texas, and being more particularly described by metes and bounds as follows:

BEGINNING at a 3/8" iron rod found for corner at the southwest corner of said called 103.241 acre tract, said iron rod being at the most westerly southwest corner of a called 65.243 acre tract conveyed to David Huang as recorded in County Clerks No. 2010011000048020, Land Records of Collin County, Texas, and said iron rod being in the north line of a called 68.625 acre tract conveyed to Garner, Inc. as recorded in Volume 5089, Page 1200, Land Records of Collin County, Texas;

THENCE S 89°03'39" W following the north line of said called 68.625 acre tract a distance of 816.11 to a capped (4613) 1/2" iron rod set for corner;

THENCE N 22°19'18" W a distance of 802.44 to a capped (4613) 1/2" iron rod set for corner;

THENCE N 40°05'43" E a distance of 169.55 to a capped (4613) 1/2" iron rod set for corner;

THENCE along said curve to the left through a central angle of 14°32'30", a radius of 900.00', and an arc length of 228.42' with a chord bearing of N 38°49'30" E, and a chord length of 227.81' to a capped (4613) 1/2" iron rod set for corner;

THENCE S 89°54'13" E a distance of 942.00' to a capped (4613) 1/2" iron rod set for corner in the west line of said called 65.243 acre tract;

THENCE S 00°44'15" E following the west line of said called 65.243 acre tract a distance of 3.74' to a capped (4613) 1/2" iron rod set for corner;

THENCE S 00°52'58" E following the west line of said called 65.243 acre tract a distance of 242.08' to a 1/2" iron rod found for corner;

THENCE S 00°50'39" E following the west line of said called 65.243 acre tract a distance of 77.86' to the POINT OF BEGINNING and containing 1,088,993 square feet or 25,000 acres of land.

NOTE:
THE CONTRACTOR SHALL VERIFY WATER RESTRICTIONS WITHIN THE CITY OF MCKINNEY AT TIME OF PLANTING. SPECIAL WATER RESTRICTIONS NOT ALLOW HYDRIC MULCH, HYDRO-SEEDING, OR SPRIGGING (STAGE 3 AND STAGE 4 WATER RESTRICTIONS). AN APPROVED ALTERNATIVE FOR GRASSING SHALL BE INSTALLED.



NORTH

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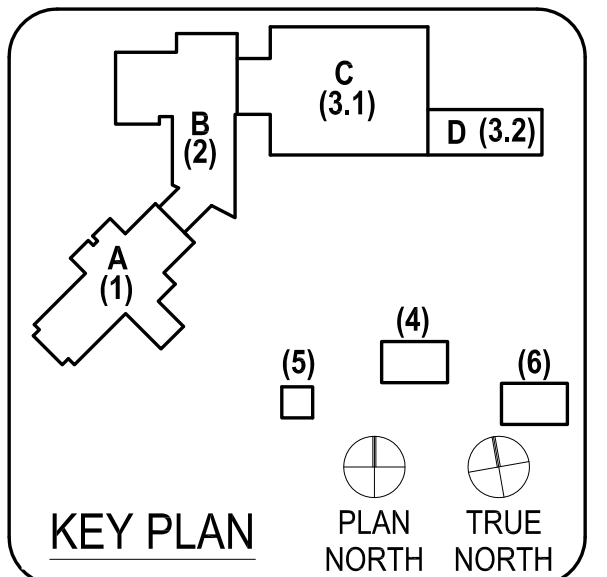
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LANDSCAPE ARCHITECTURE
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 714-381-6673

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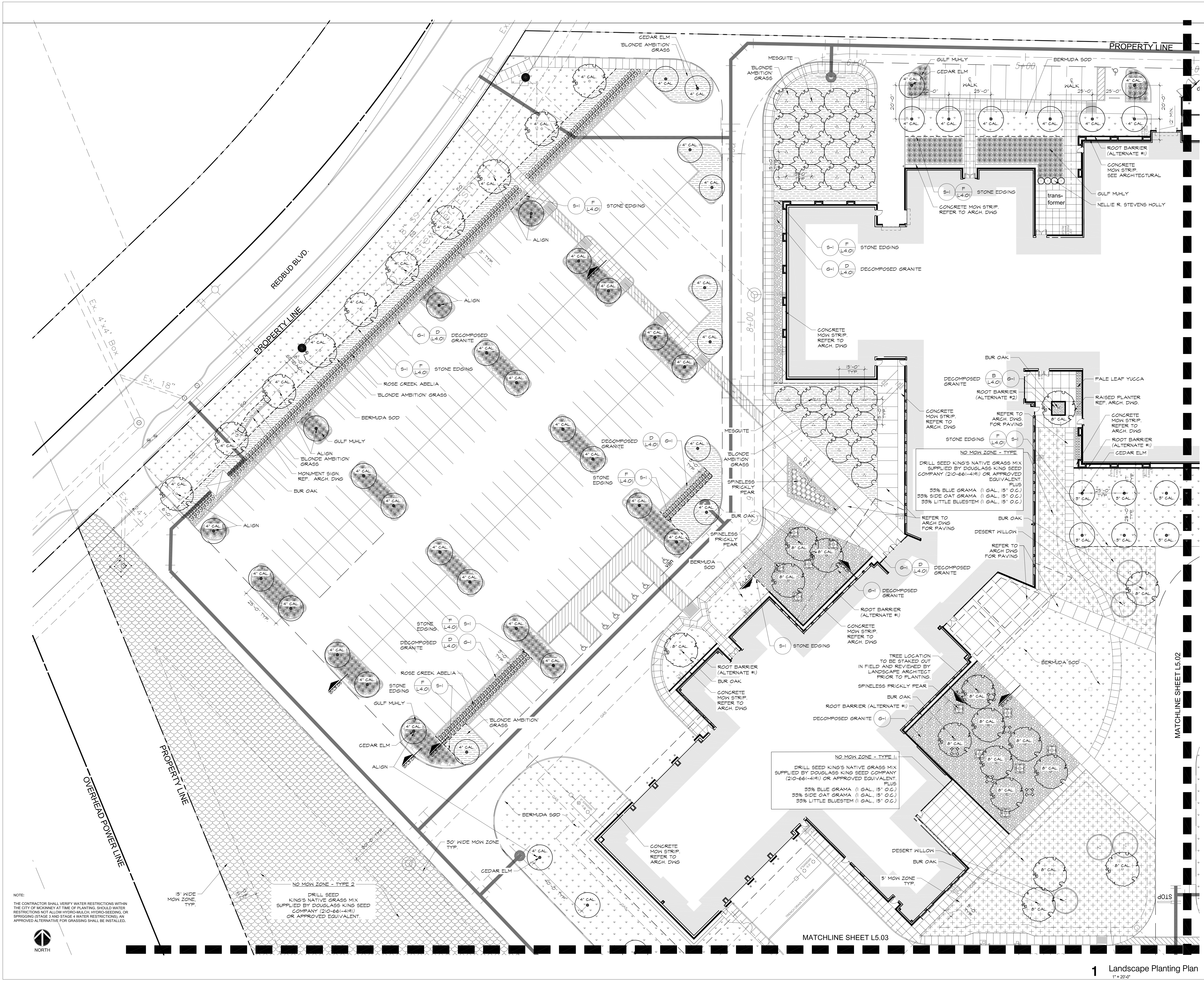
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PLANTING PLAN

L5.01



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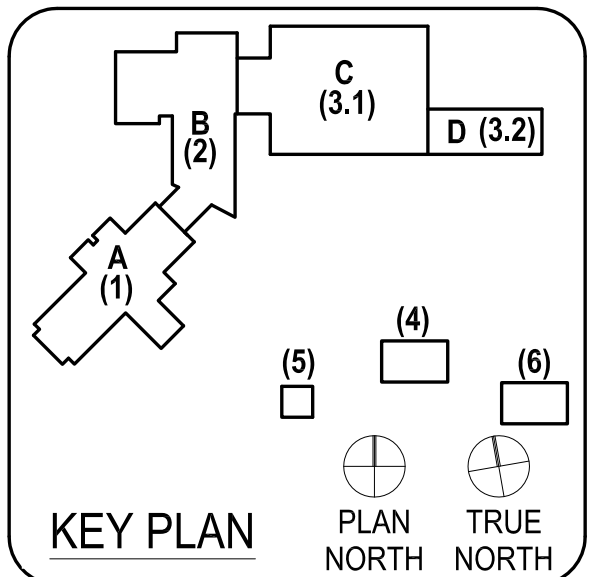
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DRAWN BY: XZ, MN

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REVISIONS

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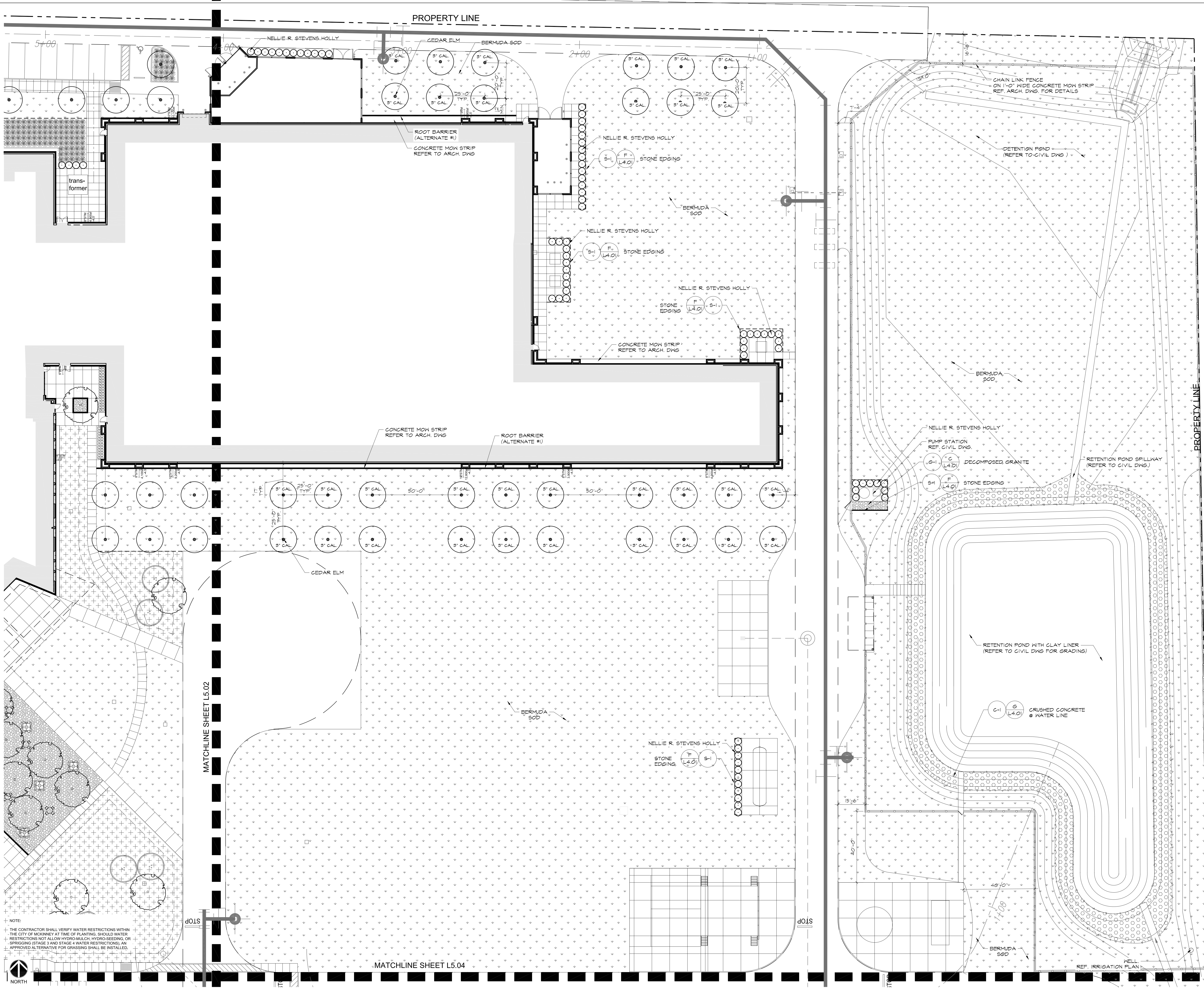
No.	Description	Date

100% CONSTRUCTION DOCUMENTS

PLANTING PLAN

No.	Description	Date

L5.02



NOTE:
 THE CONTRACTOR SHALL VERIFY WATER RESTRICTIONS WITHIN THE CITY OF MCKINNEY AT THE TIME OF PLANTING. SHOULD WATER RESTRICTIONS NOT ALLOW HYDRO-MULCH, HYDRO-SEEDING, OR SPRIGGING (STAGE 3 AND STAGE 4 WATER RESTRICTIONS), AN APPROVED ALTERNATIVE FOR GRASSING SHALL BE INSTALLED.

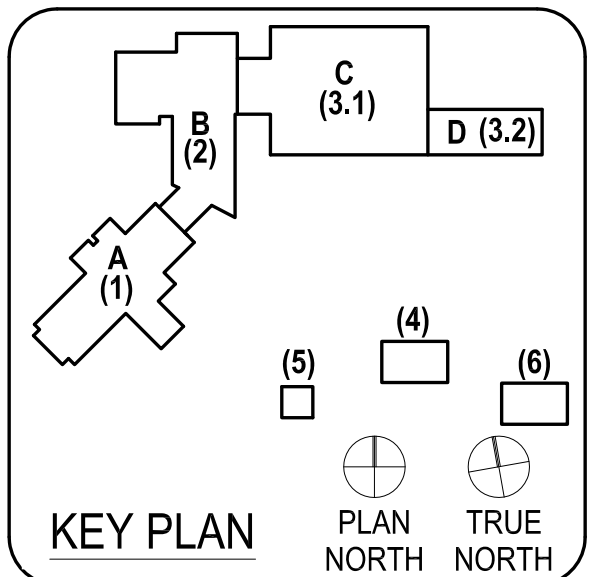


MATCHLINE SHEET L5.02

MATCHLINE SHEET L5.04

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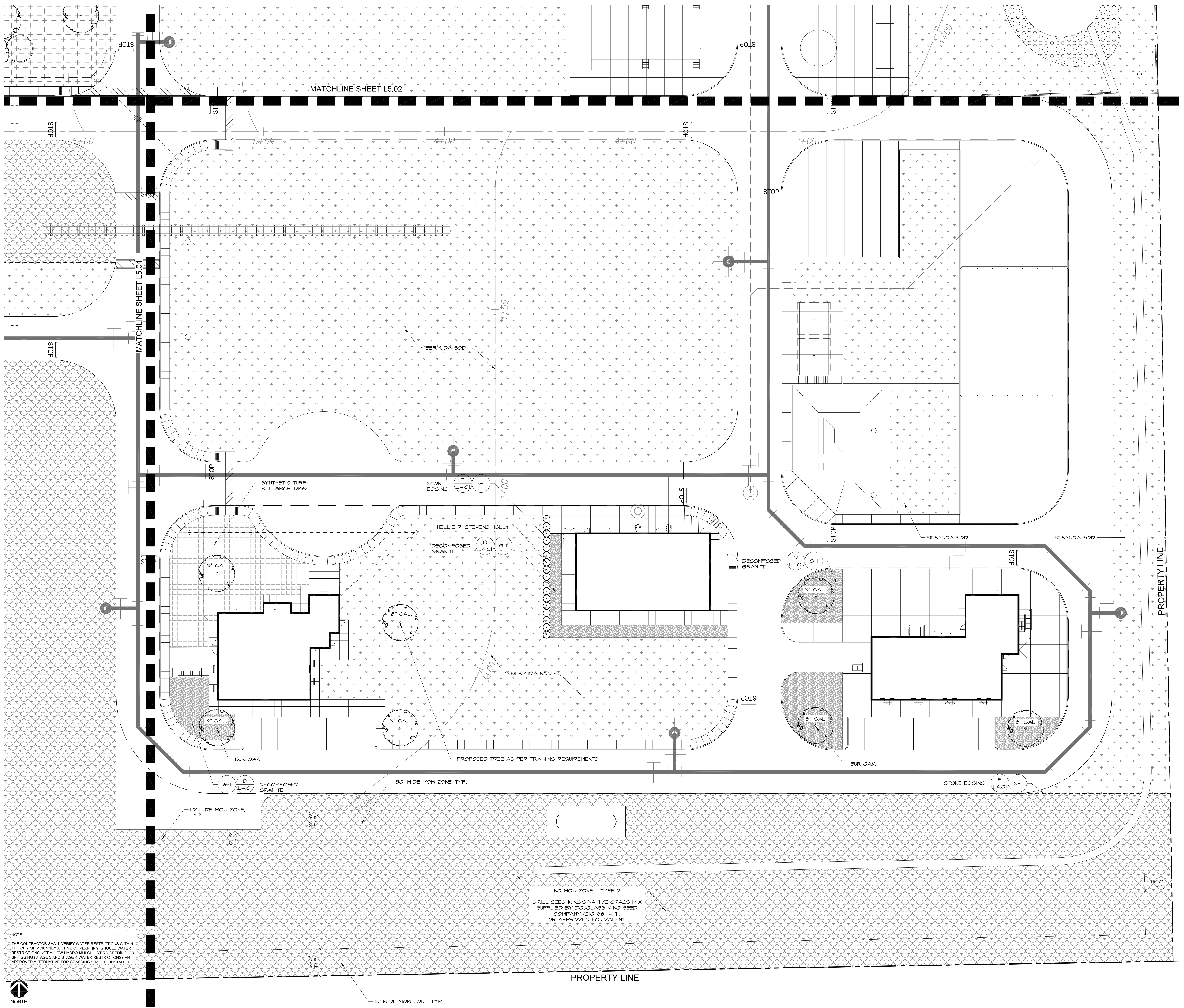
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PLANTING PLAN

L5.04



NOTE:
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NO MOW ZONE - TYPE 2
DRILL SEED KING'S NATIVE GRASS MIX SUPPLIED BY DOUGLASS KING SEED COMPANY (210-661-4191) OR APPROVED EQUIVALENT.



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PLANT SCHEDULE

PLANT QTY	PLANT SYM	COMMON NAME BOTANICAL NAME	SIZE MIN.	HEIGHT MIN.	SPREAD MIN.	COMMENTS
TREES						
47	○	CEDAR ELM <i>Limus crossifolia</i>	4" GAL. 65 GAL.	14'-16'	7'-8'	NURSERY GROWN, MATCHED, WELL BRANCHED, STRONG CENTRAL LEADER, CONTAINER GROWN, SUPPLIED BY TWIN LAKES NURSERY (409-567-5122) OR APPROVED EQUAL. PROVIDE TREE BUMP TO EVERY TREE.
58	○	CEDAR ELM <i>Limus crossifolia</i>	3" GAL. 45 GAL.	12'-14'	6'-7'	NURSERY GROWN, MATCHED, WELL BRANCHED, STRONG CENTRAL LEADER, CONTAINER GROWN, SUPPLIED BY TWIN LAKES NURSERY (409-567-5122) OR APPROVED EQUAL. PROVIDE TREE BUMP TO EVERY TREE.
23	○	BUR OAK <i>Quercus macrocarpa</i>	8" GAL. 84B	16'	6'-7'	NURSERY GROWN, MATCHED, WELL BRANCHED, STRONG CENTRAL LEADER, SUPPLIED BY DEEP FORK TREE FARM (409-293-2000). PROVIDE TREE BUMP TO EVERY TREE.
9	○	BUR OAK <i>Quercus macrocarpa</i>	4" GAL. 65 GAL.	14'-16'	5'-6'	NURSERY GROWN, MATCHED, WELL BRANCHED, STRONG CENTRAL LEADER, CONTAINER GROWN, SUPPLIED BY DEEP FORK TREE FARM (409-293-2000). PROVIDE TREE BUMP TO EVERY TREE.
5	○	DESERT HILLTOP <i>Chilopsis linearis</i>	2" GAL. 24" BOX	8'-10'	5'-6'	NURSERY GROWN, MATCHED, WELL BRANCHED, MULTI-TRUNK, BOX GROWN.
26	○	MESQUITE <i>Prosopis glandulosa</i>	2" GAL. 36" BOX	10'-12'	6'-8'	NURSERY GROWN, MATCHED, WELL BRANCHED, MULTI-TRUNK, BOX GROWN, SUPPLIED BY ARID ZONE TREES (480-987-4094).
SHRUBS / ORNAMENTAL GRASSES						
42	○	NELLIE R. STEVENS <i>Ilex Nellie R. Stevens</i>	30 GAL.	7'-8'	5'-4'	NURSERY GROWN, MATCHED AND WELL ROOTED, PLANT 48" O.C.
341	●	ROSE CREEK ABELIA <i>Abelia x grandiflora 'Rose Creek'</i>	5 GAL.	3'	18"	NURSERY GROWN, MATCHED AND WELL ROOTED, PLANT 30" O.C.
68	○	SPINELESS PRICKLY PEAR <i>Opuntia ellipsiana</i>	5 GAL.	2'	18"	NURSERY GROWN, MATCHED AND WELL ROOTED, PLANT 30" O.C.
56	○	PALE LEAF YUCCA <i>Yucca pallida</i>	1 GAL.	12"	12"	NURSERY GROWN, MATCHED AND WELL ROOTED, PLANT 18" O.C.
726	●	GULF MUILLY <i>Muhlenbergia capillaris</i>	5 GAL.	2'	18"	NURSERY GROWN, MATCHED AND WELL ROOTED, PLANT 36" O.C.
5444	■	BLONDE AMBITION GRASS <i>Bouteloua gracilis 'Blonde Ambition'</i>	1 GAL.	12"	12"	NURSERY GROWN, MATCHED AND WELL ROOTED, PLANT 18" O.C.
SOD / SEED MIX / NATIVE GRASSES						
244799 SF	■	KING'S NATIVE GRASS MIX	SEED MIX	NA	NA	SUPPLIED BY DOUGLASS KING SEED COMPANY (210-661-4191) OR APPROVED EQUIVALENT. DRILL SEEDING, 50 POUNDS PER ACRE.
1870 SF	■	KING'S NATIVE GRASS MIX	SEED MIX	NA	NA	SUPPLIED BY DOUGLASS KING SEED COMPANY (210-661-4191) OR APPROVED EQUIVALENT. DRILL SEEDING, 50 POUNDS PER ACRE.
2468	■	35% BLUE GRAMA <i>Bouteloua gracilis</i>	1 GAL.	12"	12"	NURSERY GROWN, MATCHED AND WELL ROOTED, PLANT 15" O.C.
2468	■	35% SIDE OAT GRAMA <i>Bouteloua curtipendula</i>	1 GAL.	12"	12"	NURSERY GROWN, MATCHED AND WELL ROOTED, PLANT 15" O.C.
2468	■	35% LITTLE BLUESTEM <i>Schizanthium scoparium</i>	1 GAL.	12"	12"	NURSERY GROWN, MATCHED AND WELL ROOTED, PLANT 15" O.C.
28667 SF	■	BERMUDA GRASS <i>Cynodon dactylon</i>	SOD	NA	NA	NURSERY GROWN, FULL, WELL ROOTED.

- NOTES:
- REFER TO PLAN FOR PLANT LAYOUT AND SPECIFICATIONS.
 - CONTRACTOR IS RESPONSIBLE FOR THEIR OWN QUANTITY TAKE OFFS AND MUST COMPLETE ALL AREAS AND SPACING INDICATED. LANDSCAPE ARCHITECT PROVIDES QUANTITIES FOR REFERENCE ONLY AND IS NOT RESPONSIBLE FOR DISCREPANCIES.

LANDSCAPE CALCULATIONS

A. STREET YARD REQUIREMENTS	REQUIRED	PROVIDED
STREET YARD SF	11958 SF	
PERMANENT LANDSCAPE AREA REQUIRED (15%)	1794 SF	10373 SF
B. LANDSCAPE AREA REQUIREMENTS		
ENTIRE SITE SF	1086821 SF	
MIN. LANDSCAPE AREA REQUIRED (10%)	108682 SF	606459 SF
C. STREET TREE REQUIREMENTS		
STREET FRONTAGE LENGTH	398'	
ONE TREE/40' LF OF STREET FRONTAGE	10	10
D. PARKING LOT LANDSCAPE		
ONE TREE/10 PARKING SPACES (WITHIN PARKING LOTS WITH 199 SPACES)	20	36
EVERY PARKING SPACE WITHIN 65' OF TREE	100%	100%
1 CANOPY TREE AT THE TERMINUS OF EACH PARKING ROW	100%	100%
PARKING ISLAND COVERED WITH PLANT MATERIALS	50%	100%
75% OF OFF-STREET PARKING FRONTAGE SCREENING (378')	284'	378'
E. SITE TREE REQUIREMENTS		
TOTAL TREES	148	
CANOPY TREES REQUIRED (50% OF TOTAL TREES)	74	79

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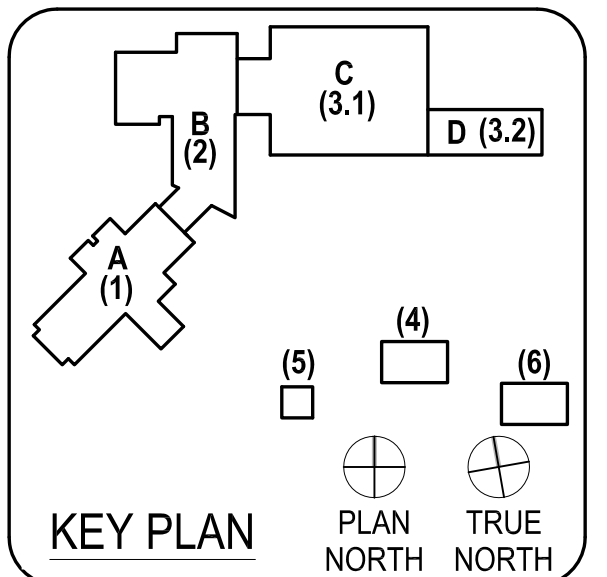
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LANDSCAPE LEGEND & DETAILS

L5.06