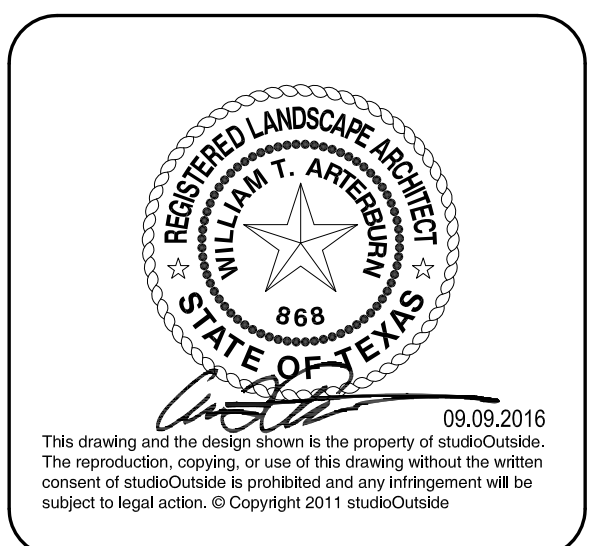
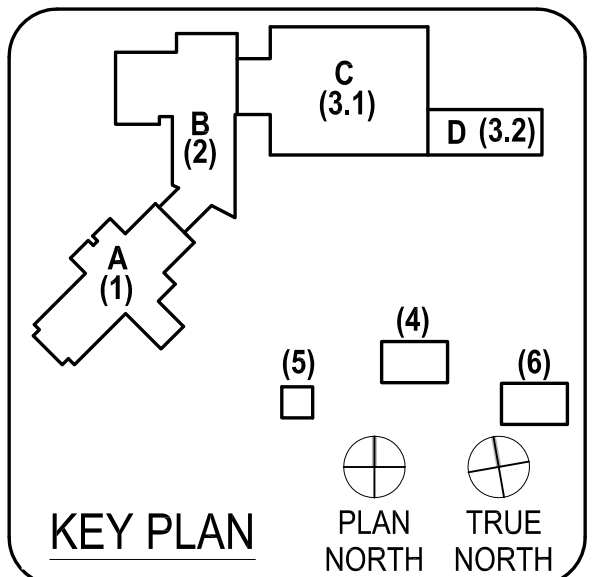


ARCHITECTURE
DALLAS 14001 Dallas Parkway, Suite 400 Dallas, TX 75240 972-233-1323 P 972-233-1373 F TX Firms: F-3109 PBK.com
STRUCTURE
AG&E Structural Engineering 15220 Addison Rd., Suite 310 Addison, TX 75001 214-520-7202
MEP
RWS Consulting Engineers 12001 North Central Expressway, Suite 1100 Dallas, TX 75243 972-798-4222
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PBK 14001 Dallas Pkwy, Ste 400 Dallas, TX 75240 972-233-1323
LANDSCAPE ARCHITECTURE
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FOOD SERVICE
FDP 2855 Villa Creek Dr., #233 Dallas, TX 75234 972-245-5331
PUBLIC SAFETY
G2 Solutions Group, Inc. 4110 Costello Plasco San Clemente, CA 92673 714-381-6673

Collin College PSTC

COLLIN COLLEGE



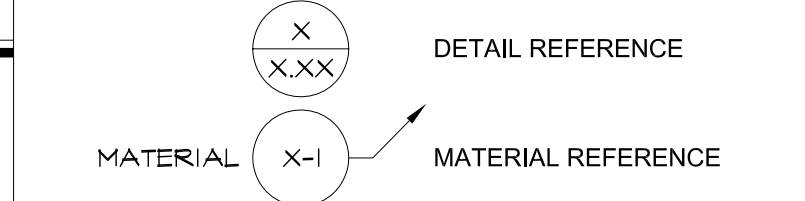
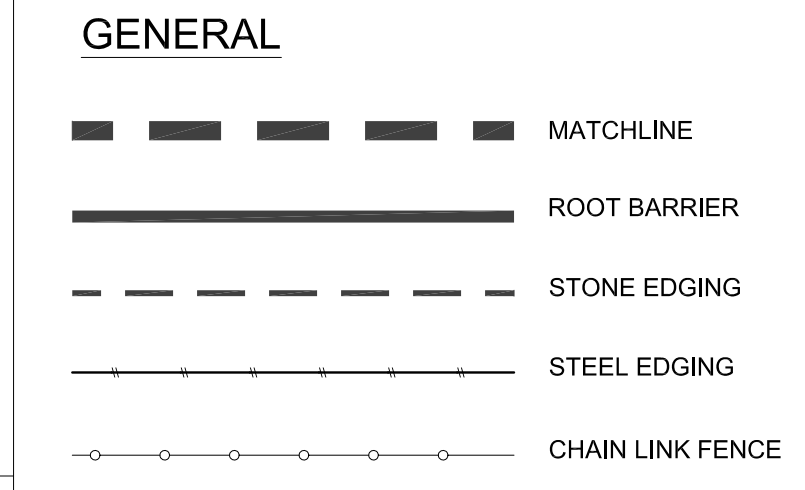
CLIENT	Collin College	
PROJECT NUMBER	15250	
DATE:	08.24.2016	
DRAWN BY:	XZ, MN	
CHECKED BY:	TA	
REVISIONS		
No.	Description	Date

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GENERAL NOTES & MATERIALS LEGEND

L0.01

SYMBOLS LEGEND:



ABBREVIATIONS

CL = CENTER LINE

ALTERNATES:

- ALTERNATE NO. 1: ROOT BARRIER
 BASE BID ITEM: NO WORK TO BE PERFORMED FOR ROOT BARRIER
 ALTERNATE ITEM: ROOT BARRIER AROUND BUILDING FOUNDATION.
 TYPE: US 48-2
 INSTALLATION: REFER TO PLANTING PLANS FOR LOCATIONS. REFER TO MANUFACTURER'S DETAILS AND SPECIFICATIONS
 MANUFACTURER: DEEPROOT GREEN INFRASTRUCTURE (415-781-9700)
- ALTERNATE NO. 2 ROOT BARRIER
 BASE BID ITEM: NO WORK TO BE PERFORMED FOR ROOT BARRIER
 ALTERNATE ITEM: ROOT BARRIER AROUND TREE PIT IN POLICE COURTYARD.
 TYPE : US 24-2
 INSTALLATION: REFER TO PLANTING PLANS FOR LOCATION. REFER TO MANUFACTURER'S DETAILS AND SPECIFICATIONS
 MANUFACTURER: DEEPROOT GREEN INFRASTRUCTURE (415-781-9700)

RECEIVED
 By Planning Department at 2:24 pm, Sep 12, 2016

MOCK-UP:

- CONTRACTOR SHALL PREPARE/PROVIDE MOCK-UPS FOR REVIEW BY LANDSCAPE ARCHITECT FOR THE FOLLOWING ITEMS:
- DECOMPOSED GRANITE
 - NATIVE GRAVEL
 - DRAINAGE GRAVEL
 - CRUSHED CONCRETE RIPRAP
 - STONE EDGING
 - STEEL EDGING
- NOTE: MOCK-UPS CAN BE IN-PLACE

SAMPLES:

- CONTRACTOR SHALL PREPARE/PROVIDE SAMPLES FOR REVIEW BY LANDSCAPE ARCHITECT FOR THE FOLLOWING ITEMS:
- DECOMPOSED GRANITE
 - NATIVE GRAVEL
 - DRAINAGE GRAVEL
 - CRUSHED CONCRETE RIPRAP
 - STONE EDGING
 - STEEL EDGING
- ABOVE LIST MAY BE INCOMPLETE; REFER TO SPECIFICATIONS FOR ALL REQUIRED SAMPLES.

MATERIAL LEGEND:

- GRAVEL**
- G-1 DECOMPOSED GRANITE
 COLOR: BUFF
 DEPTH:
 4" COMPACTED DECOMPOSED GRANITE FOR PEDESTRIAN ZONE
 3" COMPACTED DECOMPOSED GRANITE FOR NO PEDESTRIAN ZONE
 INSTALLATION: REFER TO DETAILS AND SPECIFICATIONS
 - G-2 NATIVE GRAVEL
 COLOR: NATURAL
 SIZE: 1/4"
 INSTALLATION: REFER TO DETAILS & SPECIFICATIONS
 - G-3 DRAINAGE GRAVEL
 SIZE: 1"-2"
 TYPE: CRUSHED CONCRETE
 INSTALLATION: REFER TO DETAILS & SPECIFICATIONS

CONCRETE

- C-1 CRUSHED CONCRETE RIPRAP
 SIZE: 4" MIN.
 COLOR: GREY
 INSTALLATION: REFER TO DETAILS & SPECIFICATIONS
 SUPPLIER: BIG CITY CRUSHED CONCRETE (214-426-3100)

STONE

- S-1 STONE EDGING
 SIZE: 4" W X 6" TH; VARYING LENGTHS
 TYPE: CHOPPED OKLAHOMA
 INSTALLATION: REFER TO DETAILS & SPECIFICATIONS

METAL

- M-1 STEEL EDGING
 SIZE: 1/4" X 5"
 COLOR: BLACK
 INSTALLATION: REFER TO DETAILS & SPECIFICATIONS

GENERAL NOTES:

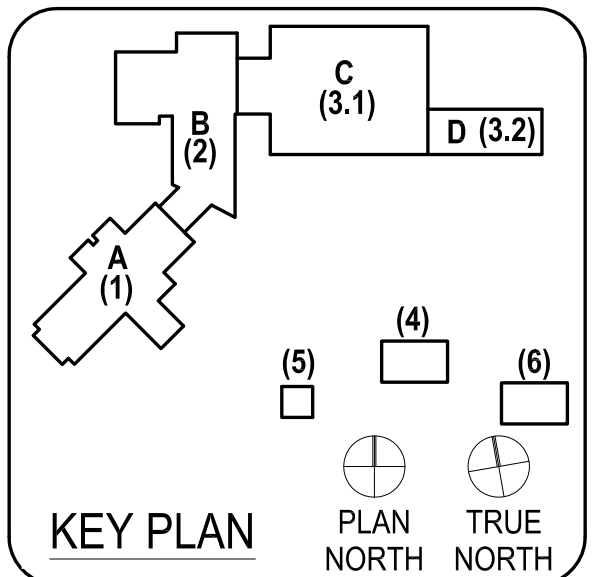
- WARNING!!!!!!! CALL BEFORE YOU DIG!!!!!! TOLL FREE 800-892-0123
- WRITTEN DIMENSIONS PREVAIL OVER SCALED DIMENSIONS. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
- THE CONTRACTOR BEARS ALL RESPONSIBILITY FOR VERIFYING ALL UNDERGROUND UTILITIES, PIPES, STRUCTURES, AND LINE RUNS IN THE FIELD PRIOR TO CONSTRUCTION. ANY DAMAGE TO UTILITIES THAT ARE TO REMAIN SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER. LANDSCAPE ARCHITECT ASSUMES NO RESPONSIBILITY FOR ANY NOT SHOWN ON PLANS.
- THE LOCATIONS OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
- ALL PROPOSED AND FINISHED GRADES ARE BASED ON INFORMATION PROVIDED BY THE OWNER'S SURVEY AND/OR CIVIL ENGINEER. ANY DISCREPANCIES IN ACTUAL FIELD MEASUREMENTS ARE TO BE REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY.
- CONTRACTOR IS RESPONSIBLE FOR ALL QUANTITIES PER DRAWINGS AND SPECIFICATIONS. ANY QUANTITIES PROVIDED BY LANDSCAPE ARCHITECT ARE PROVIDED FOR CONVENIENCE ONLY. CONTRACTORS ARE TO BID THEIR OWN VERIFIED QUANTITIES. NOTIFY LANDSCAPE ARCHITECT AT ANY DISCREPANCIES.
- EASEMENTS SETBACKS, BUILDING, CURBS AND GUTTER, UNDERGROUND UTILITIES HAVE BEEN SUPPLIED TO LANDSCAPE ARCHITECT BY THE PROJECT CIVIL ENGINEER. REFER TO CIVIL ENGINEERS DRAWINGS FOR ADDITIONAL INFORMATION.
- STUDIO OUTSIDE ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITIES, OR COST RESULTING FROM CHANGES OR ALTERATIONS MADE TO THE PLAN WITHOUT THE EXPRESS WRITTEN CONSENT OF STUDIO OUTSIDE.

PLANTING NOTES:

- CONTRACTOR SHALL STAKE OUT ALL TREE LOCATIONS IN FIELD FOR REVIEW BY LANDSCAPE ARCHITECT PRIOR TO PLANTING. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST PLANTS TO EXACT LOCATION IN FIELD.
- PLANTING BEDS SHALL BE STAKED FOR REVIEW BY LANDSCAPE ARCHITECT PRIOR TO EXCAVATION AND BED PREP.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UNDERGROUND UTILITIES, PIPES, STRUCTURES, AND LINE RUNS IN THE FIELD PRIOR TO THE INSTALLATION OF ANY PLANT MATERIAL.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ADVISE THE LANDSCAPE ARCHITECT OF ANY CONDITION FOUND ON THE SITE WHICH PROHIBITS INSTALLATION AS SHOWN ON THESE DRAWINGS.
- ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION AND MUST BE REPLACED WITH PLANT MATERIAL OF SAME VARIETY AND SIZE IF DAMAGED, DESTROYED, OR REMOVED.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING AND REMOVAL OF DEBRIS PRIOR TO PLANTING IN ALL AREAS.
- FINAL FINISH GRADING SHALL BE REVIEWED BY THE LANDSCAPE ARCHITECT. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL TOPSOIL REQUIRED TO CREATE A SMOOTH CONDITION PRIOR TO PLANTING.
- ALL PLANT QUANTITIES LISTED ARE FOR INFORMATION ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE FULL COVERAGE IN ALL PLANTING AREAS AS SPECIFIED IN THE PLANT SCHEDULE AND VERIFY ALL QUANTITIES.
- REFER TO PLANS FOR STONE EDGING LAYOUT / LOCATIONS.
- ALL PLANT MATERIAL SHALL CONFORM TO THE SPECIFICATIONS AND SIZES GIVEN IN THE PLANT LIST AND SHALL BE NURSERY GROWN IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK, LATEST EDITION AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS. ANY PLANT SUBSTITUTION SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PURCHASE.
- CONTRACTOR IS REQUIRED TO PERFORM A PERCOLATION TEST FOR EACH TREE PIT PRIOR TO INSTALLATION. IF DRAINAGE DOES NOT OCCUR WITHIN 24 HOURS THE CONTRACTOR WILL BE REQUIRED TO PROVIDE A GRAVEL SUMP, FILTER FABRIC, AND STAND PIPE. ALL SUMPS SHOULD BE INCLUDED IN THE BASE BID AND PROVIDED AS A DEDUCT ALTERNATE IF NOT REQUIRED AFTER THE PERCOLATION TEST IS PERFORMED.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ANY COORDINATION WITH OTHER CONTRACTORS ON SITE AS REQUIRED TO ACCOMPLISH ALL PLANTING OPERATIONS.
- AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM WITH RAIN AND FREEZE SENSORS SHALL BE PROVIDED FOR ALL PLANTING AREAS. OVER SPRAY ON STREETS AND WALKS IS PROHIBITED. IRRIGATION SYSTEM SHALL BE INSTALLED BY A LICENSED IRRIGATOR.
- 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 AND STAGE 4 WATER RESTRICTIONS), AN APPROVED ALTERNATIVE FOR GRASSING SHALL BE INSTALLED.

- ARCHITECTURE**
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972-233-1373 F
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PBK.com
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15280 Addison Rd., Suite 310
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214-520-7202
- MEP**
RWB Consulting Engineers
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RLK Engineering
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714-381-6673

Collin College PSTC

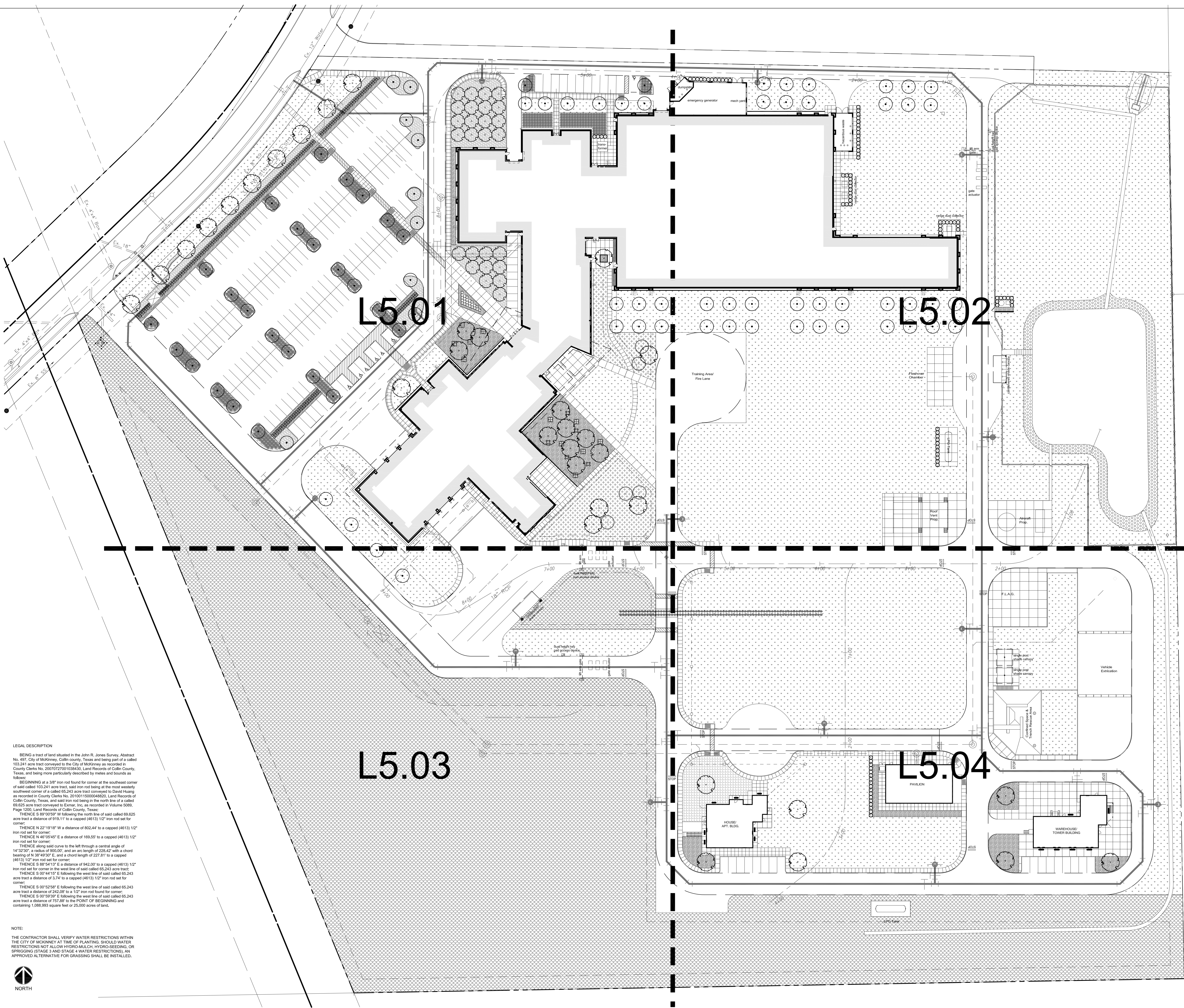


CLIENT Collin College		
PROJECT NUMBER 15250		
DATE:	08.24.2016	
DRAWN BY:	XZ, MN	
CHECKED BY:	TA	
REVISIONS		
No.	Description	Date

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°52'39" 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:
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CIVIL
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 972-358-1733

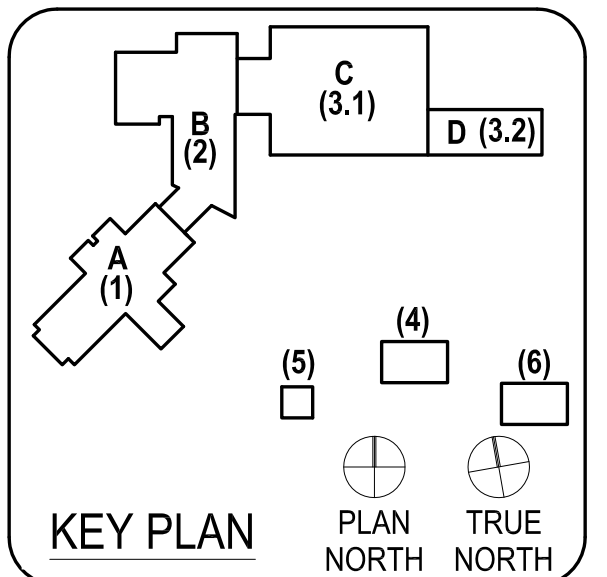
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 972-233-1323

LANDSCAPE ARCHITECTURE
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 214-954-7160

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 2855 Villa Creek Dr., #233
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 972-245-5331

PUBLIC SAFETY
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 4110 Costello Plasco
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 714-381-6673

Collin College PSTC



CLIENT
 Collin College

PROJECT NUMBER
 15250

DATE: 08.24.2016

DRAWN BY: XZ, MN

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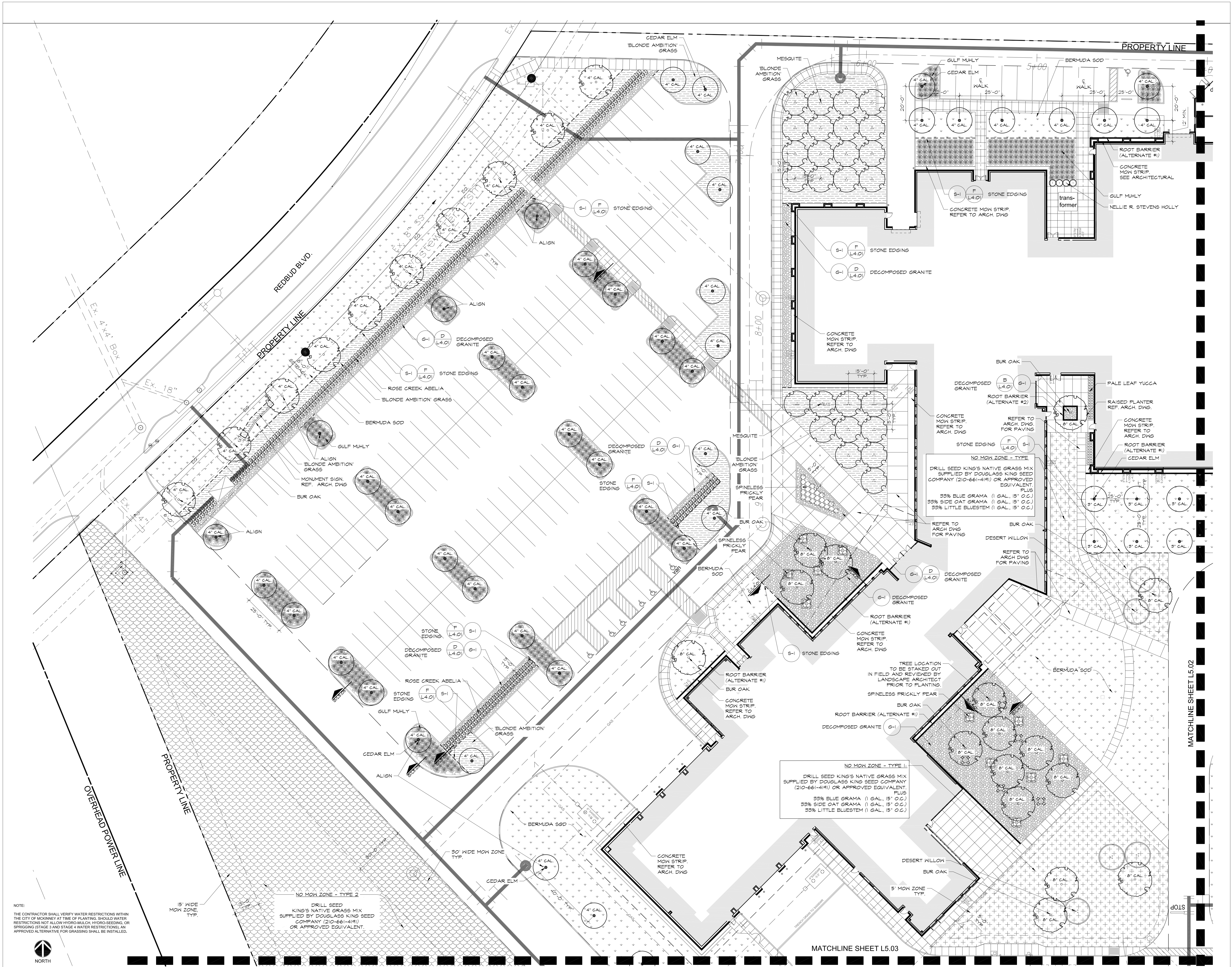
REVISIONS

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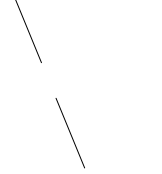
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PLANTING PLAN

L5.01



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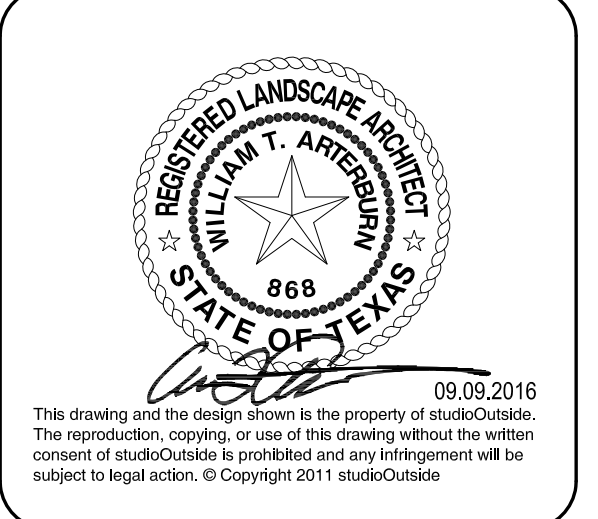
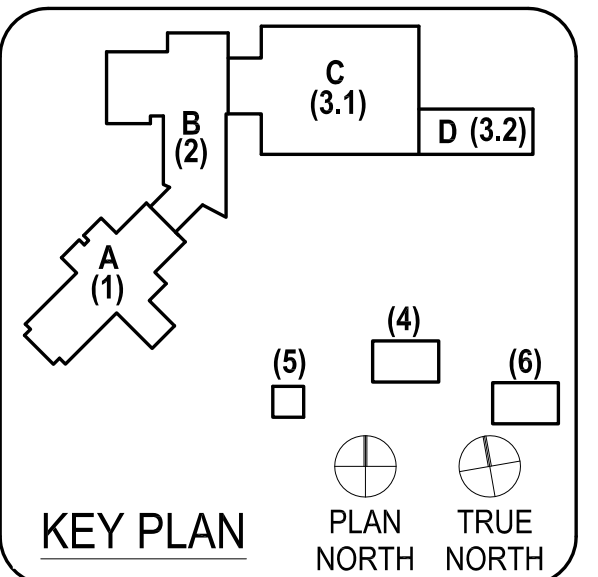
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972-233-1323

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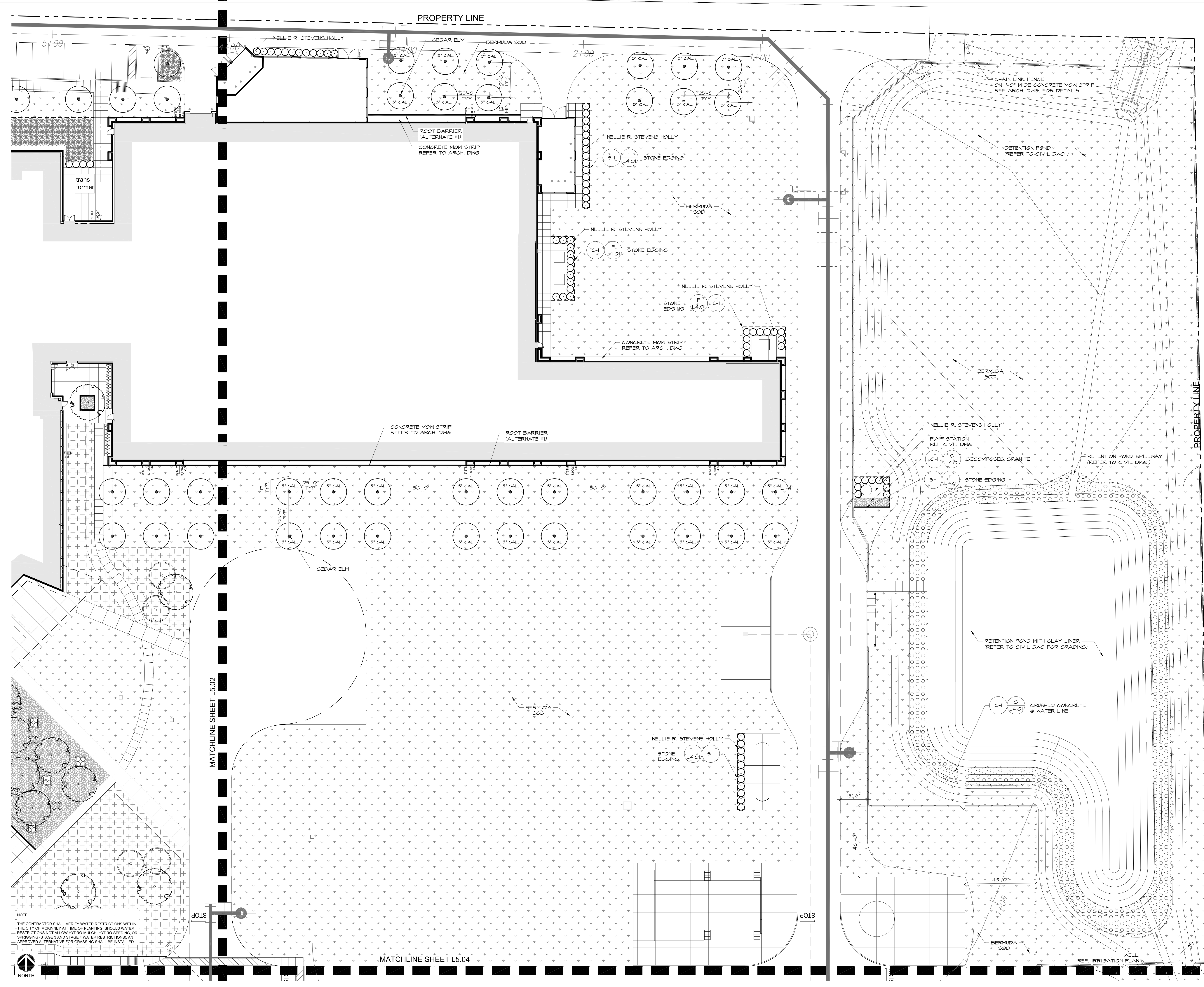
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REVISIONS

No.	Description	Date

100% CONSTRUCTION DOCUMENTS
PLANTING PLAN

L5.02



NOTE:
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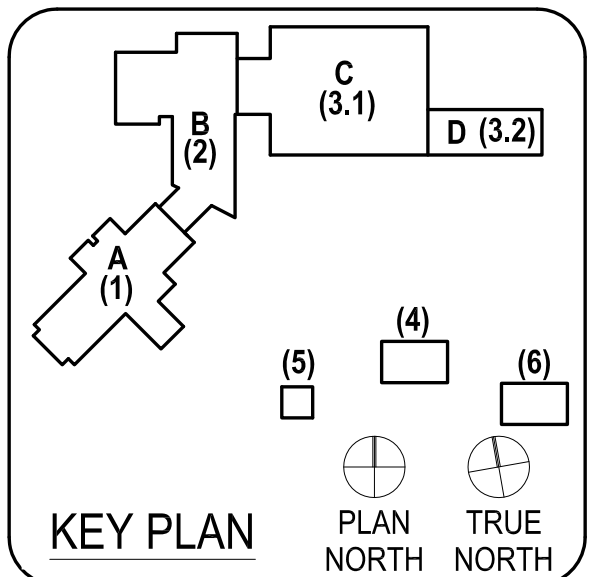
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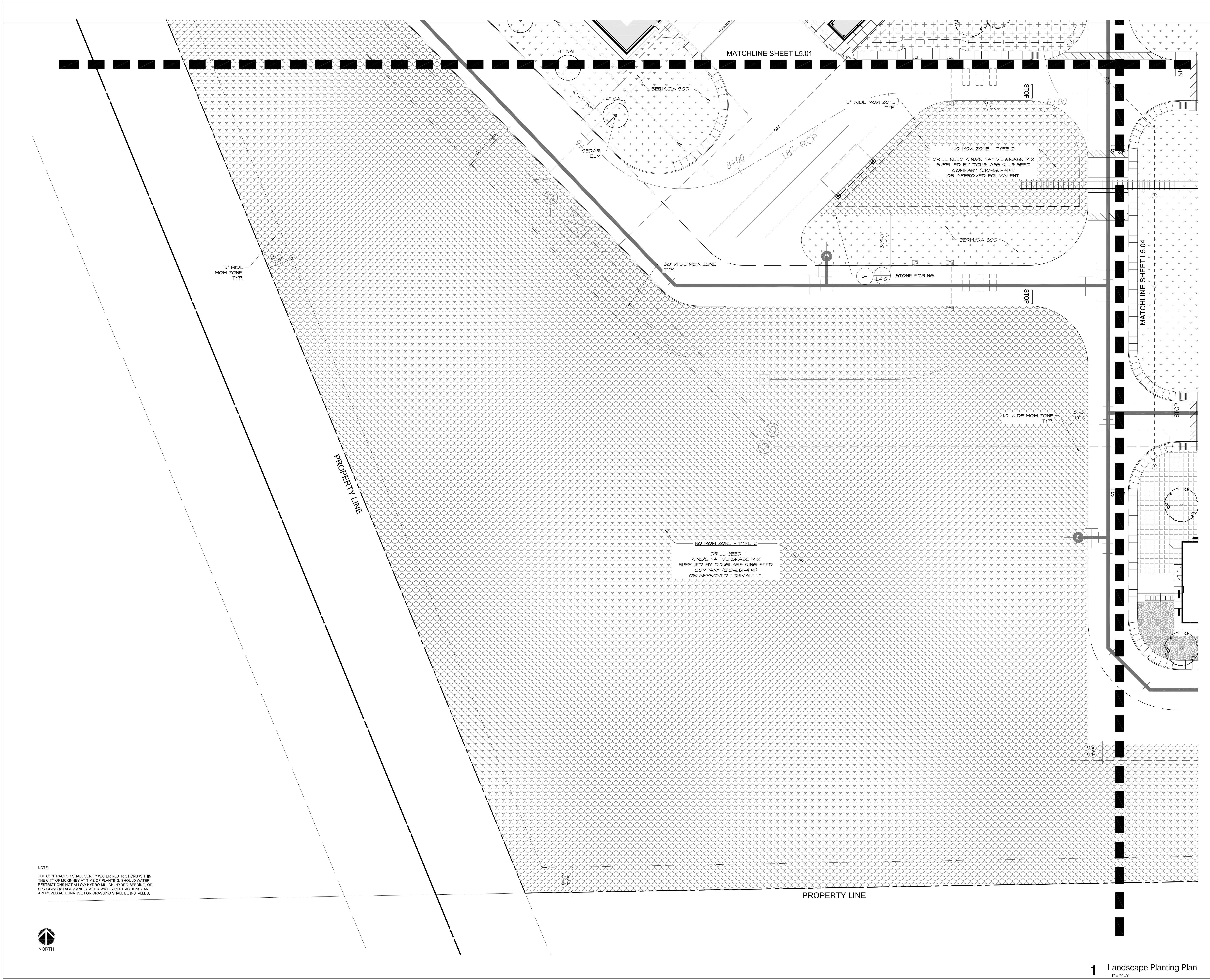
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No.	Description	Date

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PLANTING PLAN

L5.03

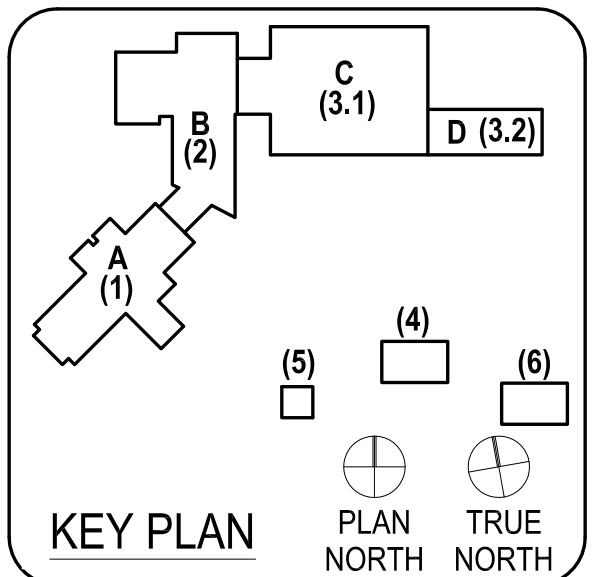


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- ARCHITECTURE**
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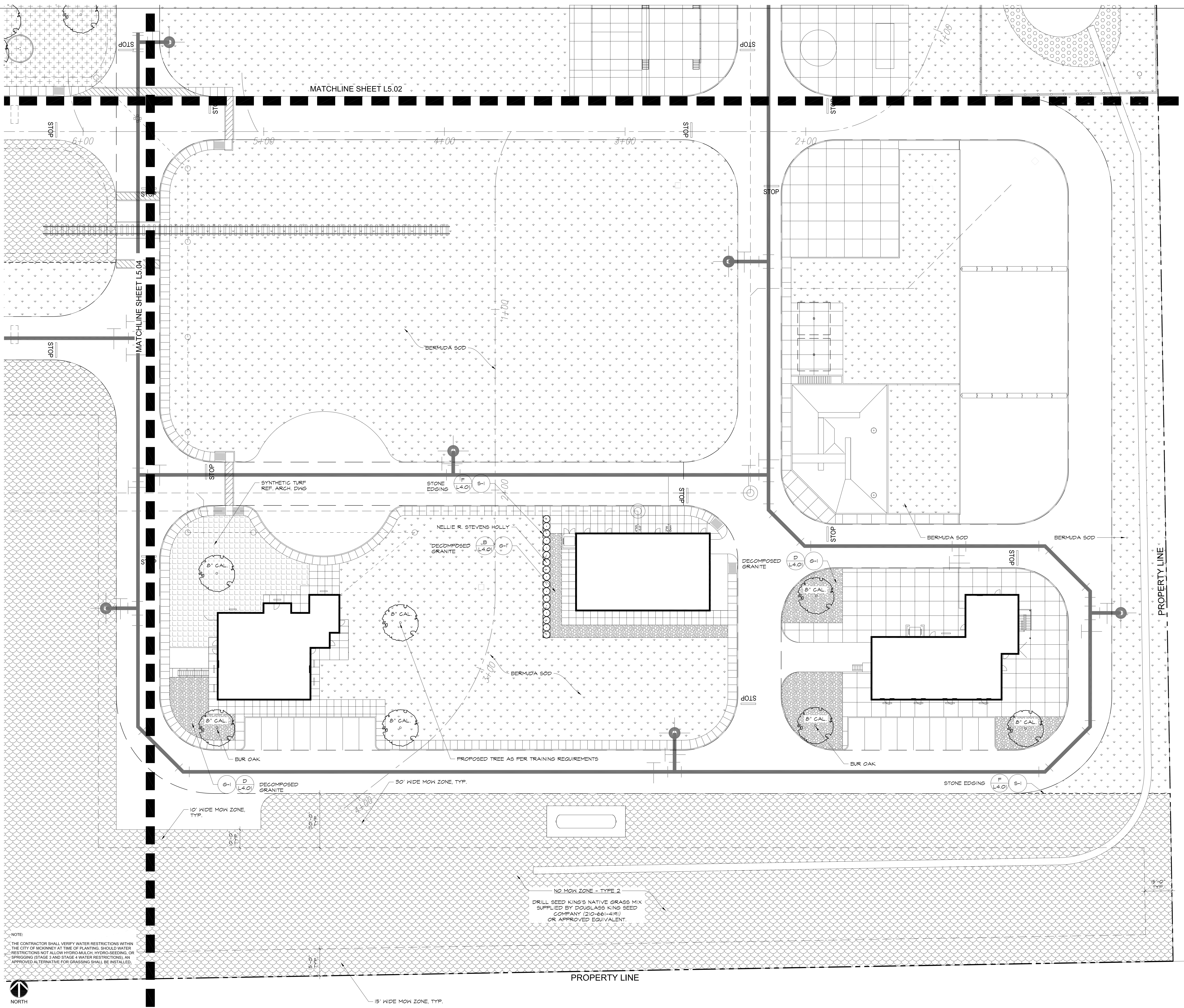
CLIENT	Collin College
PROJECT NUMBER	15250
DATE:	08.24.2016
DRAWN BY:	XZ, MN
CHECKED BY:	TA
REVISIONS	

No.	Description	Date

100% CONSTRUCTION DOCUMENTS

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.
246667 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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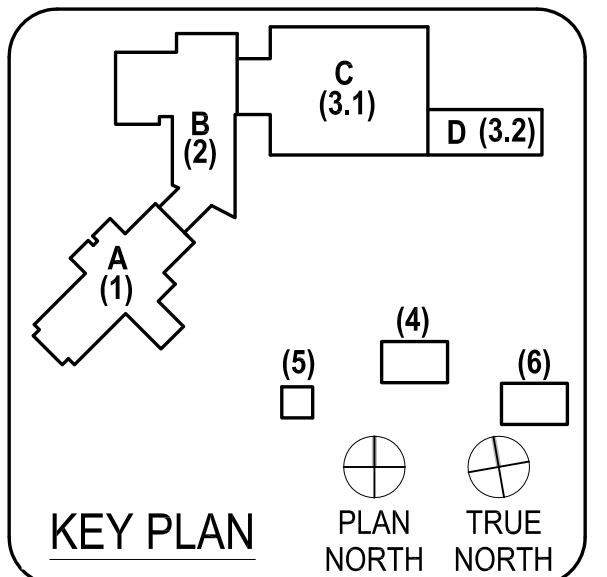
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Collin College PSTC



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

100% CONSTRUCTION DOCUMENTS

LANDSCAPE LEGEND & DETAILS

L5.06