SITE PLANS FOR FIREBIRD RESTAURANTS SWC BELTLINE RD & MIDWAY RD ADDISON, TEXAS FEBRUARY 2015

ENGINEER/APPLICANT:

THE BOUSQUET GROUP, INC. 501 S. CARROLL BLVD. SUITE. 201 DENTON, TX. 76201 TRAVIS BOUSQUET, PE 940.566.0088

ARCHITECT:

KIRK & ASSOCIATES 5931 GREENVILLE AVE SUITE. 772 DALLAS, TX 75206 ROBERT KIRK 214.360.5057

SURVEYOR:

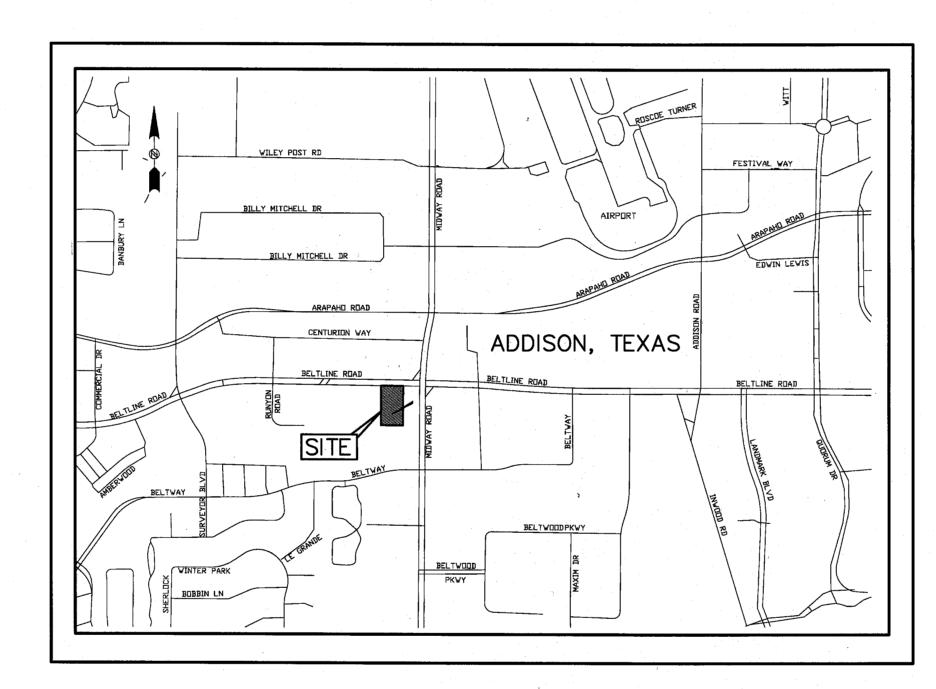
ROOME LAND SURVEYING, INC. 2000 AVE. G SUITE 810 PLANO, TEXAS 75074 972.423.4372

LANDSCAPE ARCHITECT:

AWR DESIGNS
10321 BRADSHAW DRIVE
FORT WORTH, TEXAS 76108
AMANDA RICHARDSON
512.517.5589
awr.designs@mail.com

OWNER:

FIREBIRD COPENHAGEN, LLC 2414 N. AKARD STREET, #500 DALLAS, TEXAS 75201



VICINITY MAP

SHEET INDEX

1 C-1.0 COVER SHEET

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GENERAL NOTES:

- 1. ALL TOPOGRAPHIC AND BOUNDARY SURVEY INFORMATION, INCLUDING ALL EXISTING CONDITIONS AND PROPERTY LIMITS, WAS PROVIDED BY ROOME LAND SURVEYING, INC., DATED 12-19-2014.
- 2. DURING ALL PHASES OF THE CONSTRUCTION, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE (INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY), IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES.
- 3. THE GENERAL CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING ALL CONSTRUCTION PHASES OF THIS PROJECT.
- 4. ALL DEBRIS, WASTE, AND OTHER MATERIALS CREATED AS A RESULT OF CONSTRUCTION, SHALL BE REMOVED BY THE CONTRACTOR, IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS.
- 5. ALL WORK WITHIN THE PUBLIC RIGHT OF WAY, SHALL MEET OR EXCEED THE REQUIREMENTS/SPECIFICATIONS AS SPECIFIED BY THE JURISDICTIONAL AGENCY.
- 6. UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON A COMBINATION OF FIELD SURVEY DATA, AVAILABLE UTILITY MAPS AND MARKED LOCATION BY THE UTILITY OWNERS. THE UTILITIES SHOWN MAY NOT REFLECT ALL UNDERGROUND UTILITIES IN THE AREA. PRIOR TO ANY CONSTRUCTION, THESE UTILITIES SHOULD BE FIELD VERIFIED BY LOCAL UTILITY COMPANIES, AUTHORIZED EXPOSURE AND SURVEY MEASUREMENTS WHERE PRECISE ELEVATION OR LOCATION ARE CRITICAL.

APPROVED FOR CONSTRUCTION

Infrastructure Operations And Services Department APPROVED BY:

16801 Westgrove Dr. Addison, TX 75001 (972)450-2871

All responsibility for the adequacy of these plans remains with the Engineer who prepared them. In approving these plans, the Town of Addison makes no representation of adequacy of the work of the Design Engineer.

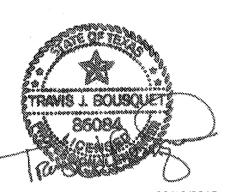
Engineer Information:

The Bousquet Group, Inc. 501 S. Carroll Blvd. Ste. 201
Denton, TX. 76201
940.566.0088

Texas Firm No. F-8942

Professional of Record:

940.566.0008 fax



02/13/2

REBIRD RESTAURAN 4180 BELTLINE RD. ADDISON TX 75001

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1	01/08/2015	1st City Submittal
1	02/13/2015	2nd City Submittal

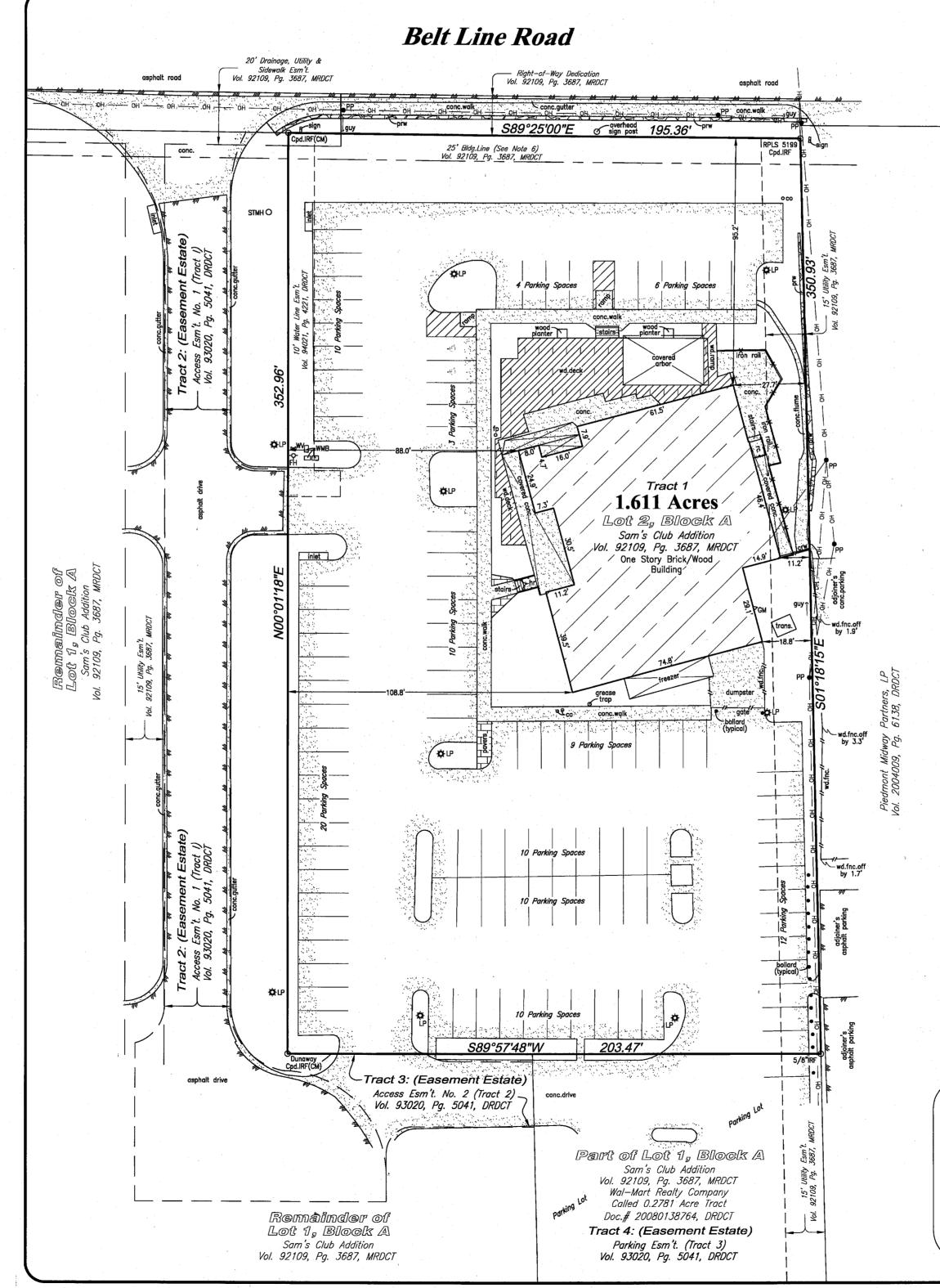
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COVER SHEET

•	Date:	Jan 07, 2015
-	Project Number:	14019
	Drawn By:	JNM
	Scale:	<u> </u>

et Number:

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Legal Description

Tract 1: Lot 2, Block A, of Sam's Club Addition, an addition to the City of Addison, Dallas County, Texas, according to the plat thereof recorded in Volume 92109, Page 3687 of the Map Records of Dallas County, Texas.

Surveyor's Certificate

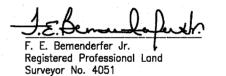
dmont Capital Corporation, 4180 Belt Line, Ltd., Title Resources Guaranty Company, and Providence Title Company

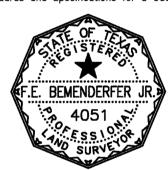
I hereby certify that on the 7th day of January, 2013, this survey was made on the ground as per the field notes shown on the survey and is true, correct, and accurate as to the boundaries and areas of the subject property and the size, location, and types of buildings and improvements thereon, if any, and as to the other matters shown hereon, and correctly shows the location of all visible easements and rights—of—way and of all rights—of—way, easements, and any other matters of record, or of which I have knowledge or have been advised, whether or not of record, affecting the subject property, and the location of all curb cuts and driveways, if any.

Except as shown on the survey, there are no encroachments upon the subject property by improvements on adjacent property, there are no encroachments on adjacent property, streets, or alleys by any improvements on the subject property, and there are no conflicts or discrepancies

Both vehicular and pedestrian ingress to and egress from the subject property is provided by Belt Line Road (via an Easement Estate), same being paved, dedicated public right—of—way, which abut(s) the subject property, and is physically open and being used.

This survey complies with the current Texas Society of Professional Surveyors Standards and Specifications for a Category 1A. Condition II Survey





Notes: 1) Surveyor's signature will appear in red ink on certified copies; 2) Source bearing per Sam's Club Addition, an addition to the City of Addison a recorded in Volume 92109, Page 3687 of the Map Records of Dallas County, Texas; 3) No part of the subject property is shown to lie within a Special Flood Hazard Area inundated by 100—year flood per Map No. 48113C0180 J of the F.E.M.A. Flood Insurance Rate Maps for Dallas County, Texas and Incorporated Areas, dated August 23, 2001 (Zone X); 4) This survey was performed with the benefit of Title Commitment GF No. DV403 issued December 3, 2012. 5) This survey is intended for the exclusive use of the hereon noted owner, purchaser, title company and/or mortgage company only and the survey is made in accordance with the title commitment referenced by the GF number shown hereon as provided by the above stated title company. 6) Building Line shown on plat as 25' from original right—of—way line. This is the depiction on this survey as well.

Schedule B Items

a. The following, all according to the plat recorded Volume 92109, Page 3687, of the Map Records, Dallas County,

25 foot building line along the north property line. — **Shown on Survey**20 foot drainage, utility and sidewalk easement along the north property line. — **Shown on Survey**15 foot public utility easement along the east property line. — **Shown on Survey**

b. Easement executed by McCutchin Brothers to the City of Addison, dated June 20, 1980, recorded in Volume 81088, Page 585, Real Property Records of Dallas County, Texas, and as shown on the plat recorded in Volume 92109, Page 3687, of the Map Records of Dallas County, Texas. (Easement tracts) — *Does Not Affect Subject*

c. Declaration of Grant of Access Easements, dated January 11, 1991 by and between Wal—Mart Stores, Inc., a Delaware corporation and the Federal Deposit Insurance Corporation, as Manager of the FSLIC Resolution Fund, recorded in Volume 92009, Page 3611, Deed Records, Dallas County, Texas. — *Affects Subject Tract*

d. First Amendment to Declaration and Grant of Access Easements, dated April 20, 1992, by and between Wal-Mart Stores, Inc. and the Federal Deposit Insurance Corporation, as Manager of the FSLIC Resolution Fund, filed for record in Volume 92084, Page 3278, Deed Records, Dallas County, Texas. — *Affects Subject Tract*

e. Terms, conditions and stipulations contained in Waterline Easement Agreement, dated July 23, 1993, executed by and between Hoffsteaks, Inc., a Texas corporation and City of Addison, Texas, and recorded in Volume 94021, Page 4221, of the Deed Records of Dallas County, Texas. — **Shown on Survey**

f. Right—of—way easement executed by Hoffsteaks, Inc. to Enserch Corporation, dated February 2, 1993, recorded in Volume 93033, Page 441, of the Deed Records of Dallas County, Texas. — **Affects Subject Tract; however, description too vague to recreate on survey.**

g. Terms, conditions and stipulations contained in Easement Agreement dated, January 29, 1993, executed by and between Wal—Mart Stores, Inc., a Delaware Corporation and Hoffsteaks, Inc., a Texas corporation, and recorded in Volume 93020, Page 5041, of the Deed Records of Dallas County, Texas. As affected by Amendment to Easement Agreement filed February 4, 2008, under County Clerk's File No. 20080036099, Real Property Records of Dallas County, Texas. — Affects Subject Tract. Easement Estates shown on survey.

Concrete Handrail

Edge of Asphalt

Overhead Lines

Iron Railing

Wood Fence

Interlocking Pavestone Retaining Wall

Legend

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Deed Records, Dallas County, Texas

Controlling Monument

Water Valve

Gas Meter

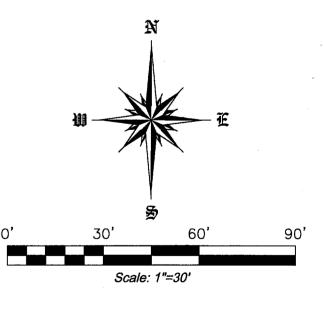
Water Meter Box

DRDCT MRDCP

△ GM -Ó-FH • PP

Parking Spaces

104 Regular Parking Spaces 2 Handicap Parking Spaces 106 Total Parking Spaces (On-site)



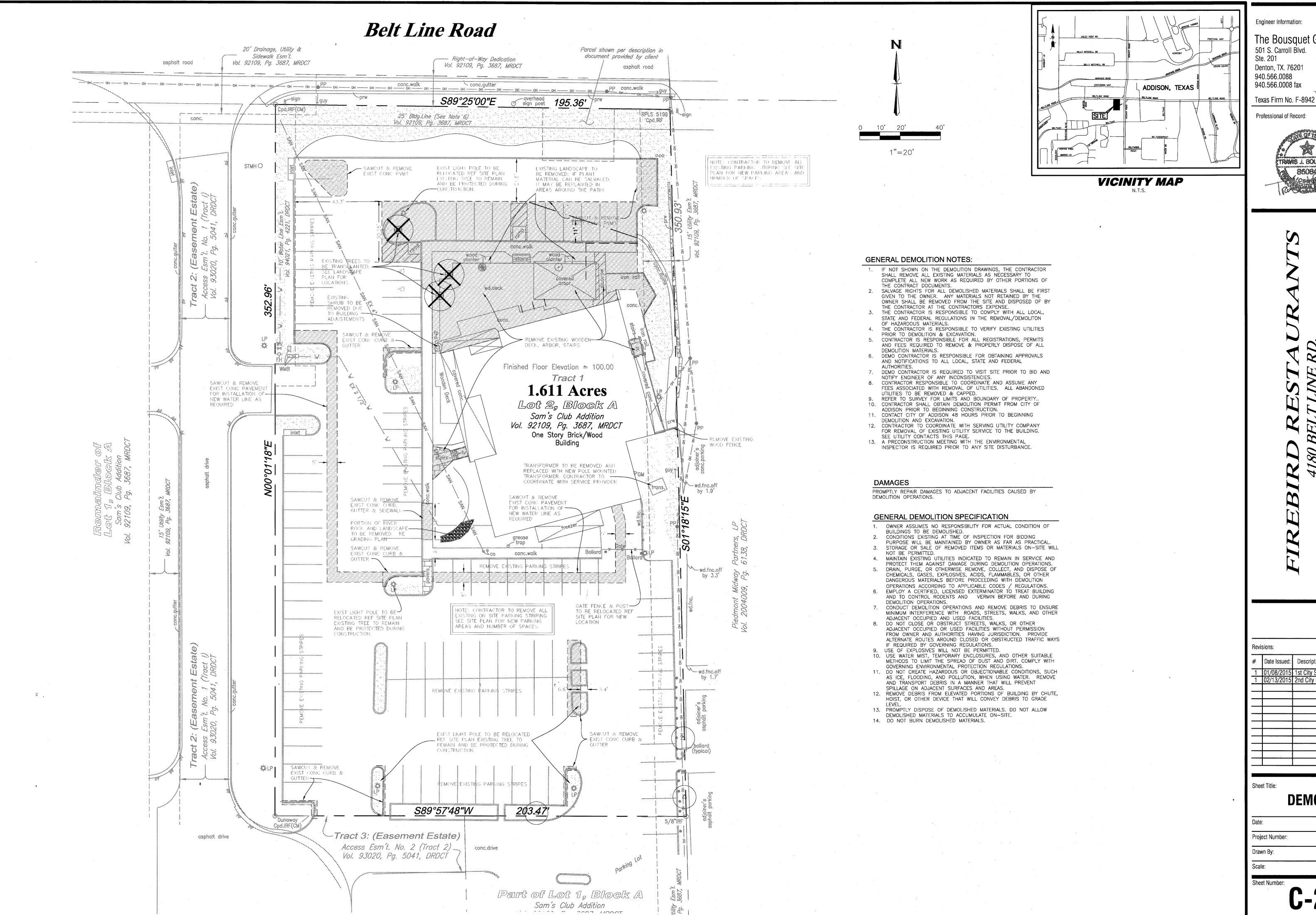
As-Built Survey

4180 Belt Line Road

Sam's Club Addition City of Addison, Dallas County, Texas January 7, 2013

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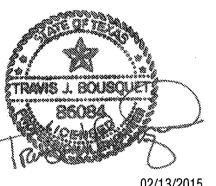


Engineer Information:

The Bousquet Group, Inc. 501 S. Carroll Blvd.

Denton, TX. 76201 940.566.0088 940.566.0008 fax

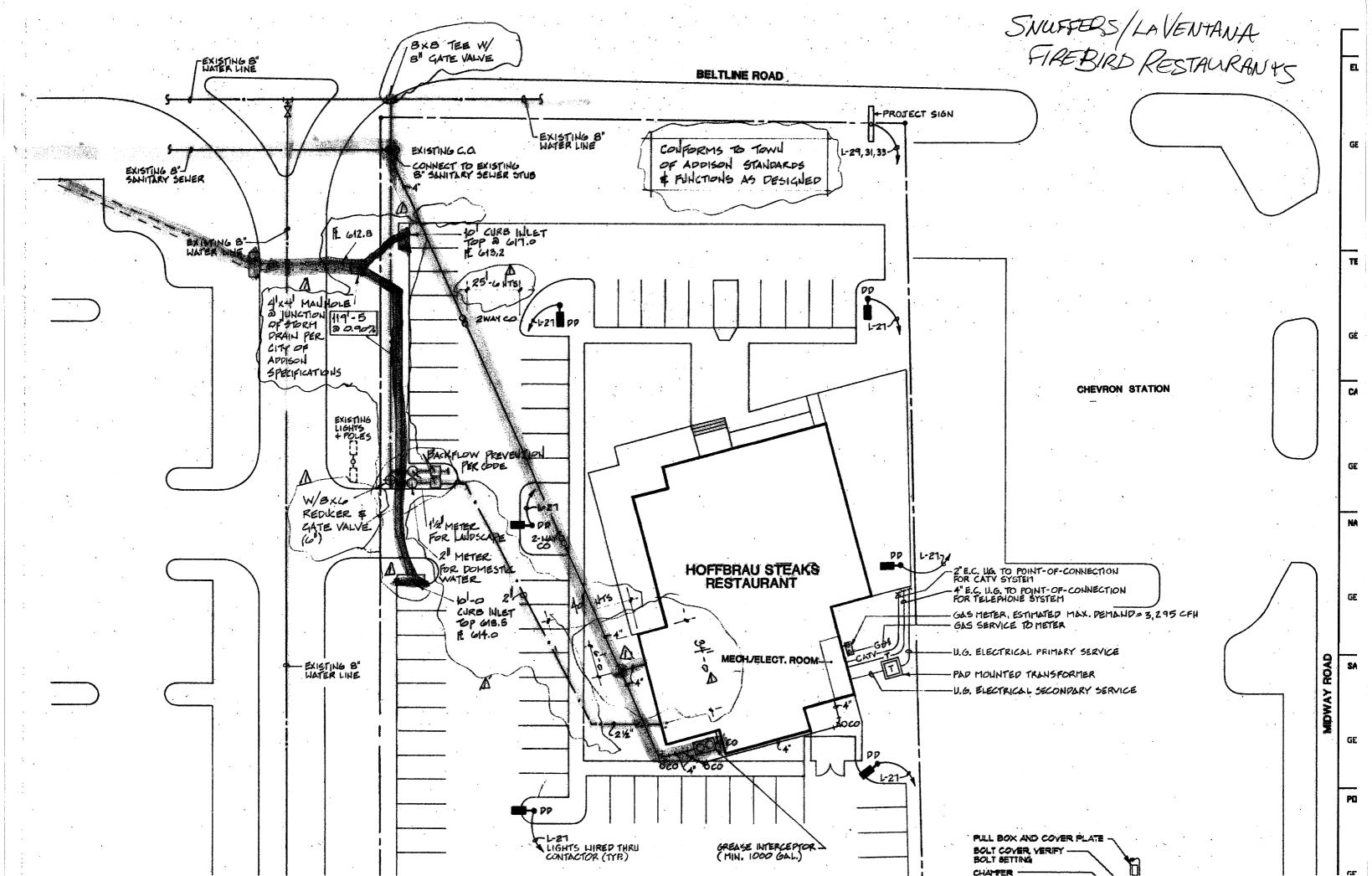
Professional of Record:

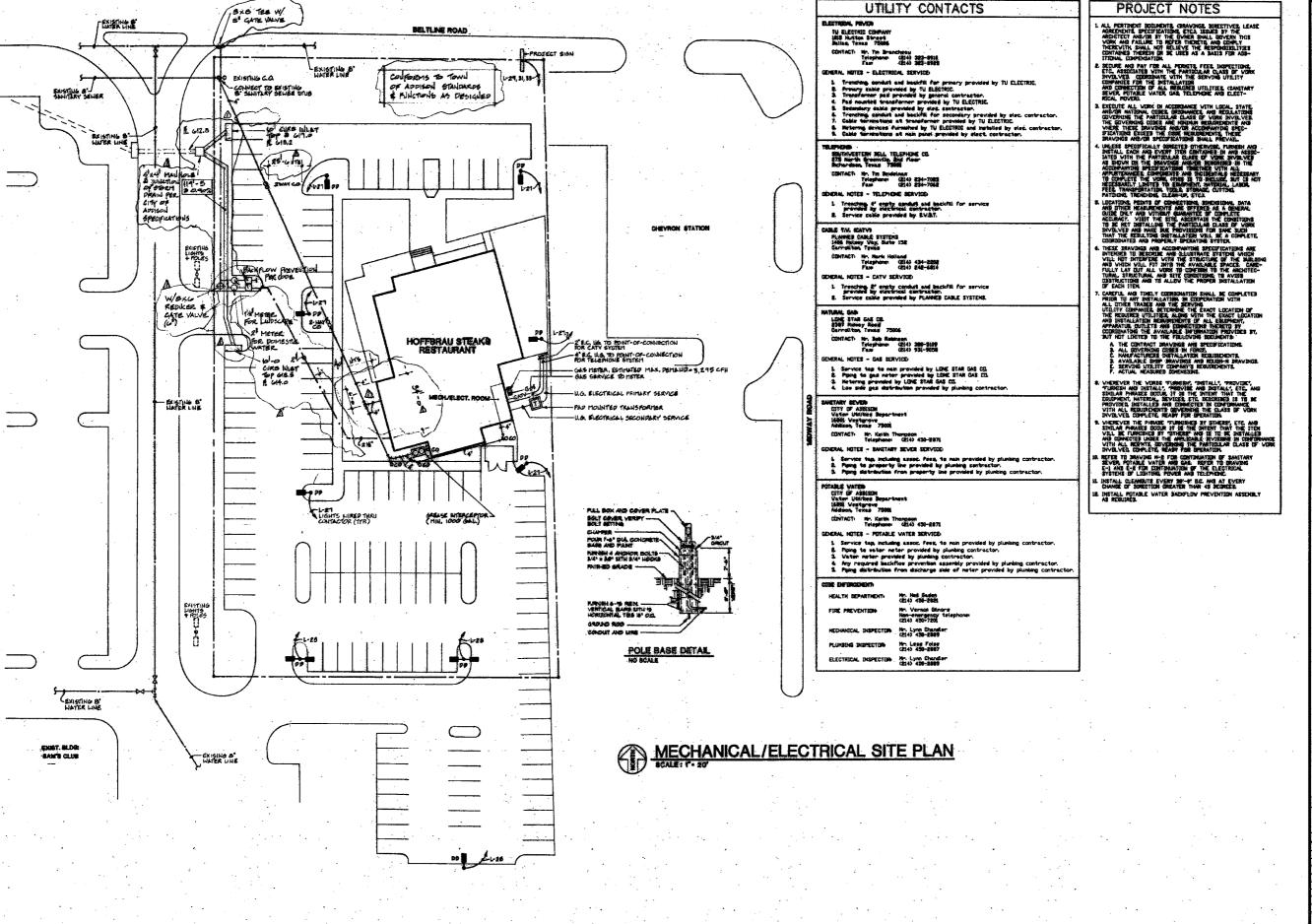


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DEMO PLAN

Date:	Jan 07, 2015
Project Number:	14019
Drawn By:	JNM
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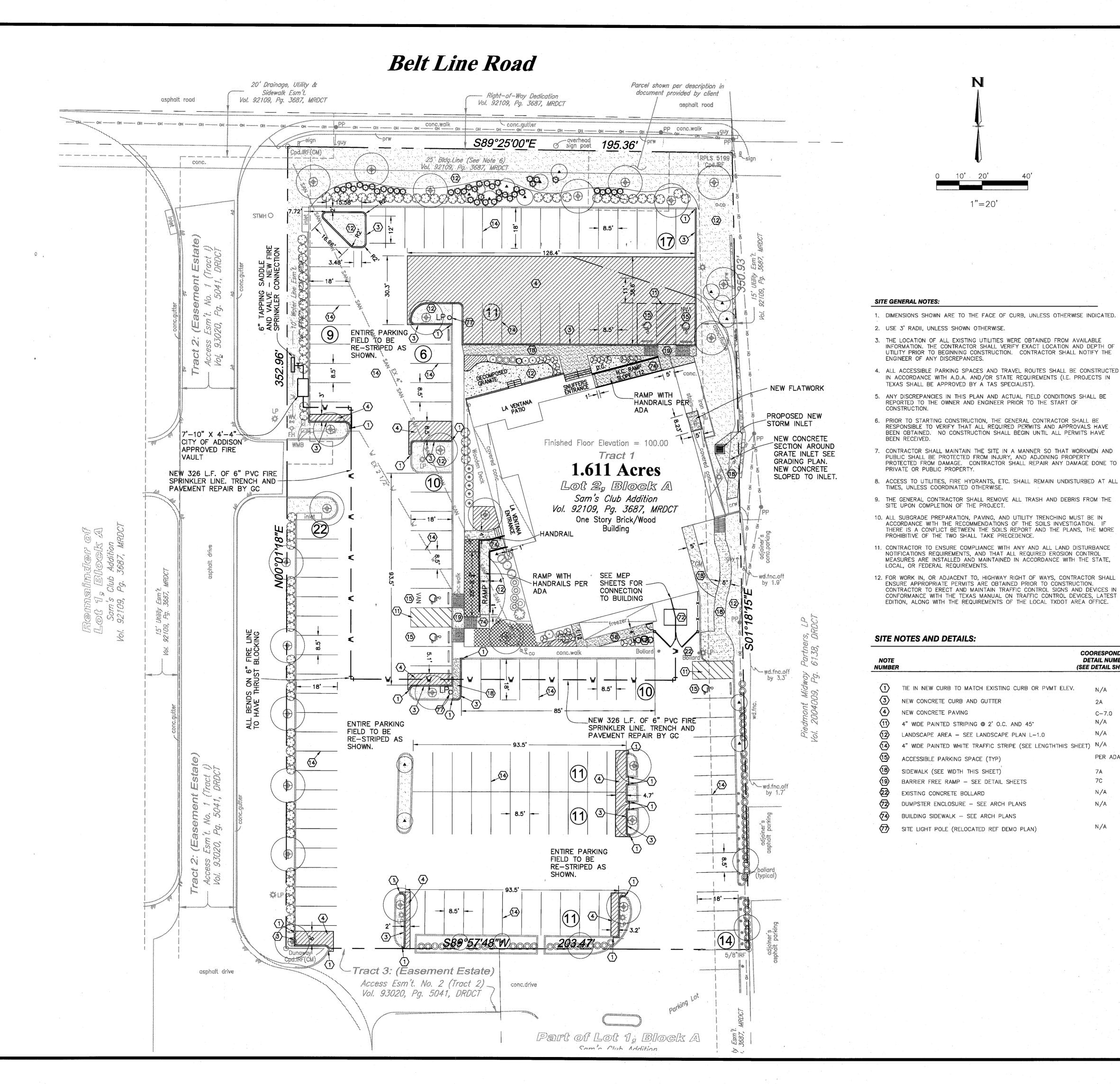
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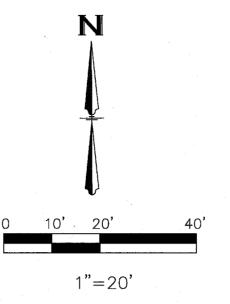
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NO. REVISIONS SY I AS BUAT EL. SITE PLAN

ME-







COORESPONDING **DETAIL NUMBER**

(SEE DETAIL SHEETS)

C-7.0

N/A

N/A

N/A

N/A

PER ADA



BILLY MITCHELL DR ADDISON, TEXAS

VICINITY MAP

SITE SUMMARY	
RESTURANT	
RESTURANT	
7,570 S.F.	
70,175 S.F.	
1.61 AC	
56,140 S.F.	
80%	
14,035 S.F.	
20%	

EXISTING PARKIN	G SUMMARY
PARKING REQUIRED	
PARKING PROVIDED	132 SPACES
H/C PARKING REQUIRED	5 SPACES
H/C PARKING PROVIDED	5 SPACES

SITE LEGEND (PROPOSED):

	PROPERTY LINE
10	PROPOSED PARKING STALLS
T	EXISTING TRANFORMER
"	EXISTING SIGNAGE
 	

SIDEWALK SEE ARCH PLANS FOR SIDEWALK AROUND BLDG

MEDIUM DUTY PAVING

NOTE: SEE ARCHITECTURAL PLANS FOR EXACT **BUILDING DIMENSIONS, CONTRACTOR TO NOTIFY ENGINEER OF ANY DISCREPANCIES**

> APPROVED FOR CONSTRUCTION Town of Addison

16801 Westgrove Dr. Addison, TX 75001 (972)450-2871

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Denton, TX. 76201

Texas Firm No. F-8942

Professional of Record:

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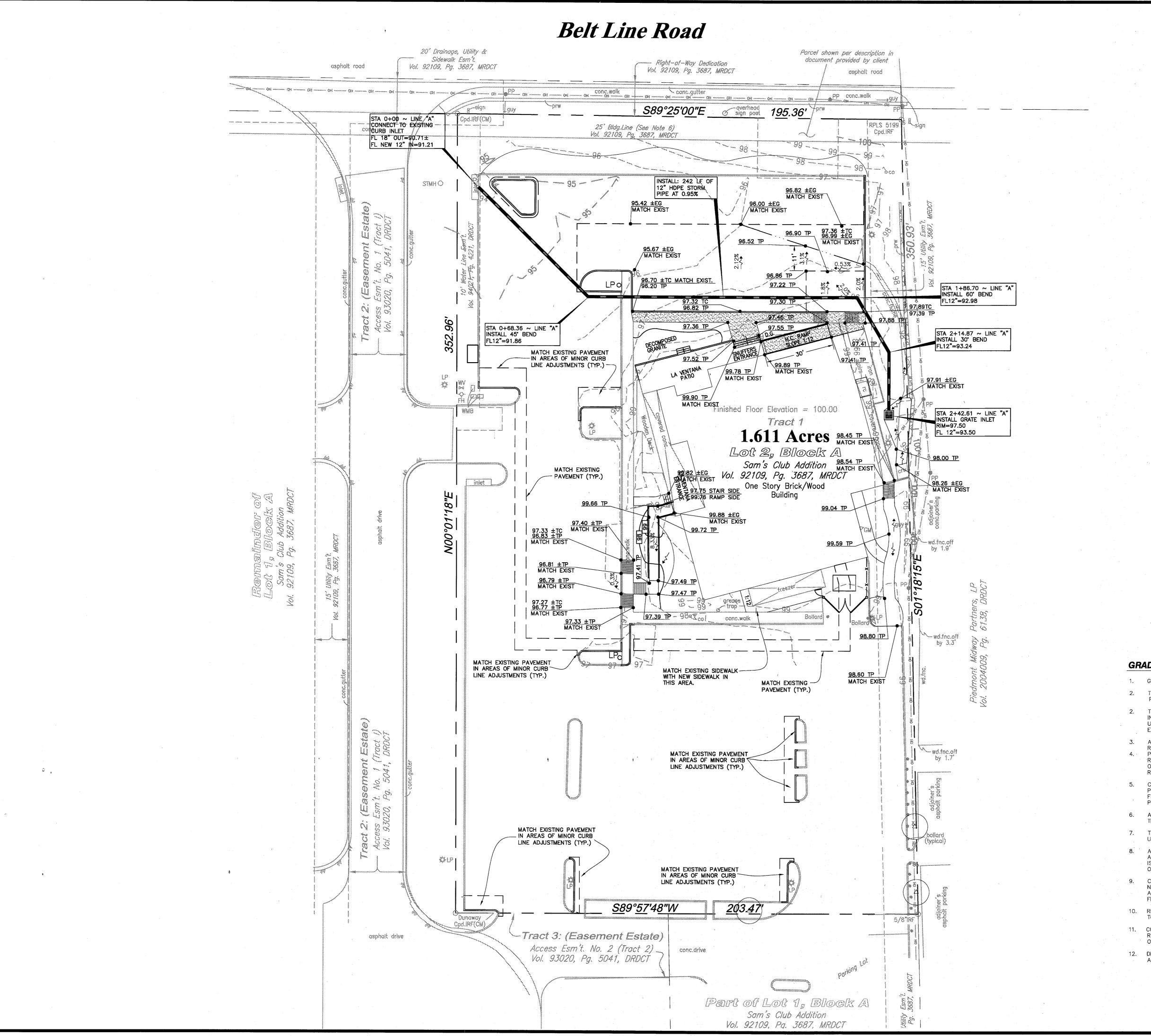
The Bousquet Group, Inc

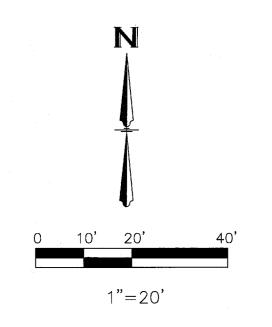
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1	02/13/2015	1st City Submittal 2nd City Submittal
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Sheet Title: **SITE PLAN**

Jan 07, 2015 14019 Project Number:





GRADING LEGEND (PROPOSED):

EXISTING CONTOUR

EXISTING SPOT ELEVATION 555 PROPOSED CONTOUR ----> -----> PROPOSED SWALE PROPOSED SPOT ELEVATION TC=TOP OF CURB
TP=TOP OF PAVEMENT OR SIDEWALK PG=PROPOSED FINISHED GRADE TW=TOP OF WALL BW=BOTTOM OF WALL DRAINAGE SLOPE PROPOSED STORM SEWER PIPE PROPOSED DITCH-LINE PROPOSED GRATE INLET -- -- PROPOSED BREAK LINE

APPROVED FOR CONSTRUCTION

Town of Addison Infrastructure Operations And Services Department APPROVED BY: Lowest Wille

16801 Westgrove Dr. Addison, TX 75001 (972)450-2871

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GRADING NOTES:

- 1. GRADES SHOWN ARE PROPOSED FINISHED GRADES.
- THE INFORMATION PERTAINING TO EXISTING CONDITIONS WAS TAKEN FROM A SURVEY PROVIDED ROOME LAND SURVEYING, INC., DATED 12-19-2014.
- THE LOCATION OF ALL EXISTING UTILITIES WERE OBTAINED FROM AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY EXACT LOCATION AND DEPTH OF UTILITY PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- ANY DISCREPANCIES IN THIS PLAN AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER AND ENGINEER PRIOR TO THE START OF CONSTRUCTION. PRIOR TO STARTING CONSTRUCTION, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION SHALL BEGIN UNTIL ALL PERMITS HAVE BEEN
- 5. CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE. CONTRACTOR SHALL REPAIR ANY DAMAGE DONE TO PRIVATE OR PUBLIC PROPERTY.
- 6. ACCESS TO UTILITIES, FIRE HYDRANTS, ETC. SHALL REMAIN UNDISTURBED AT ALL TIMES, UNLESS COORDINATED OTHERWISE.
- 7. THE GENERAL CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT.
- ALL SUBGRADE PREPARATION, PAVING, AND UTILITY TRENCHING MUST BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE SOILS INVESTIGATION. IF THERE IS A CONFLICT BETWEEN THE SOILS REPORT AND THE PLANS, THE MORE PROHIBITIVE OF THE TWO SHALL TAKE PRECEDENCE.
- CONTRACTOR TO ENSURE COMPLIANCE WITH ANY AND ALL LAND DISTURBANCE NOTIFICATIONS REQUIREMENTS, AND THAT ALL REQUIRED EROSION CONTROL MEASURES ARE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE STATE, LOCAL, OR FEDERAL REQUIREMENTS.
- 10. REMOVE EXISTING TOPSOIL IN ACCORDANCE WITH THE GEOTECHNICIAL REPORT, PRIOR TO PLACEMENT OF ANY FILL MATERIAL.
- 11. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH CITY STANDARDS, TEXAS STATE LAW, AND O.S.H.A. STANDARDS FOR ALL EXCAVATION IN EXCESS OF FIVE FEET IN DEPTH.
- 12. DRAINAGE SHOULD BE MAINTAINED AWAY FROM THE FOUNDATIONS, BOTH DURING AND AFTER CONSTRUCTION.

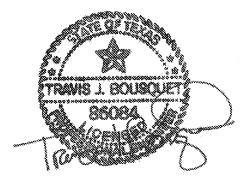
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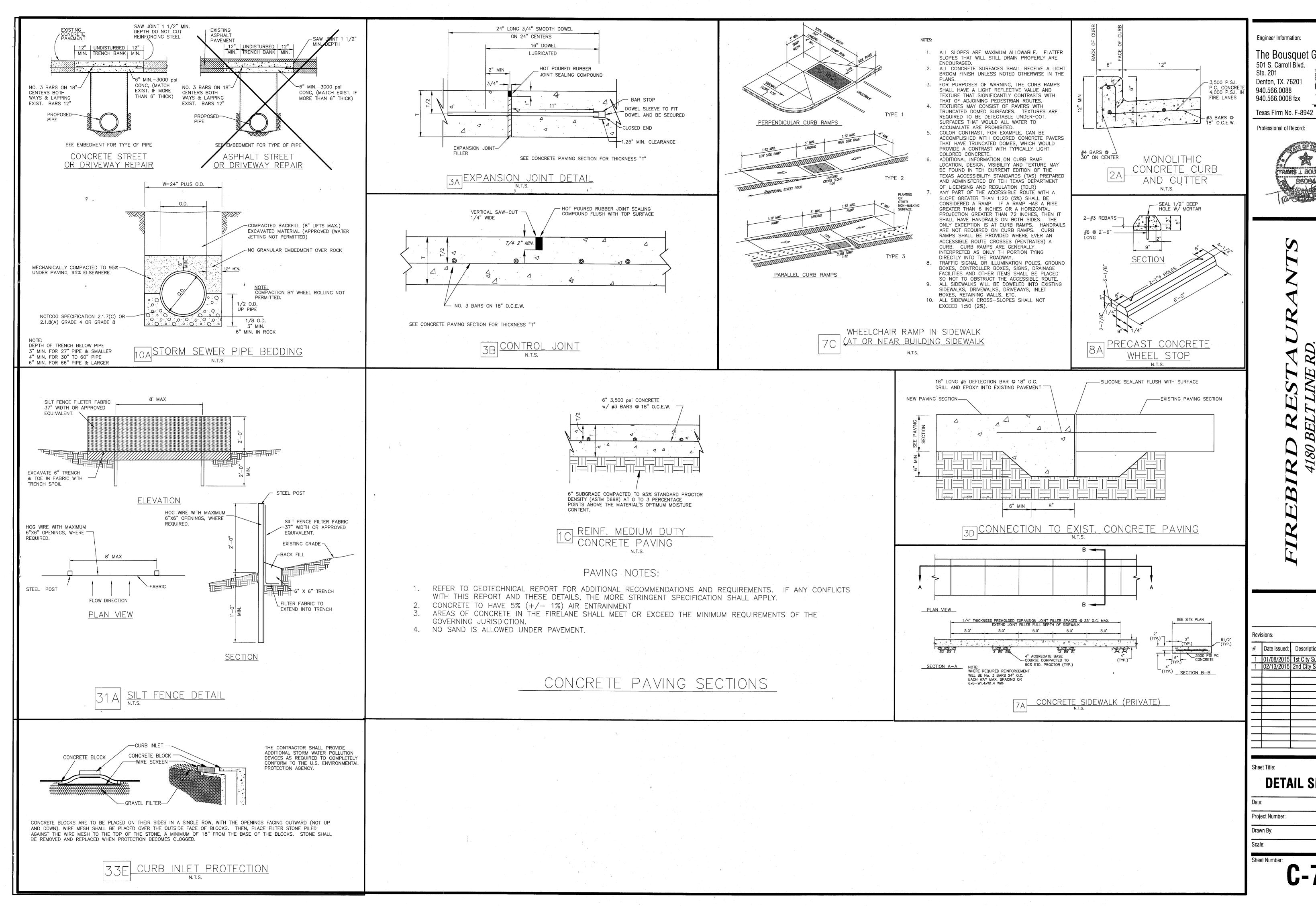


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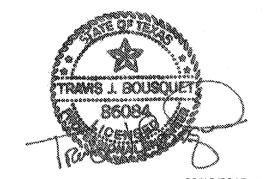
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GRADING PLAN

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The Bousquet Group, Inc.



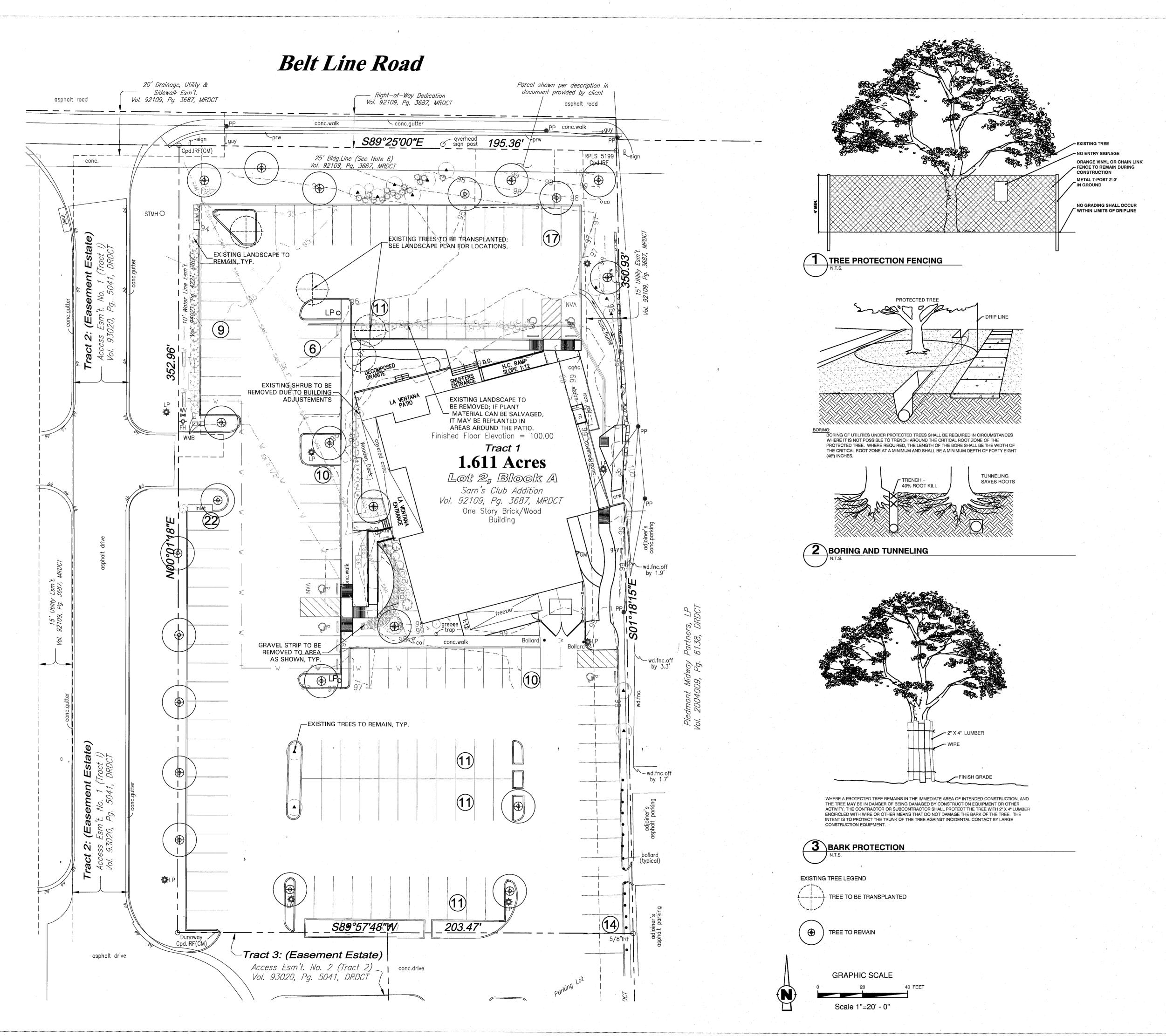
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1 01/08/2015 1st City Submittal 1 02/13/2015 2nd City Submittal

DETAIL SHEET 1

Jan 07, 2015 14019



TREE PRESERVATION NOTES

CONSTRUCTION METHODS

BORING: BORING OF UTILITIES UNDER PROTECTED TREES MAY BE REQUIRED. WHEN REQUIRED, THE MINIMUM LENGTH OF THE BORE SHALL BE THE WIDTH OF THE CRITICAL ROOT ZONE AND SHALL BE A MINIMUM DEPTH OF FORTY (48) INCHES.

TRENCHING: ALL TRENCHING SHALL BE DESIGNED TO AVOID TRENCHING ACROSS CRITICAL ROOT ZONES OF ANY PROTECTED TREE. THE PLACEMENT OF UNDERGROUND UTILITY LINES SUCH AS ELECTRIC, PHONE, GAS, ETC., IS ENCOURAGED TO BE LOCATED OUTSIDE THE CRITICAL ROOT ZONE. TRENCHING FOR IRRIGATION SYSTEMS SHALL BE PLACED OUTSIDE THE CRITICAL ROOT ZONE EXCEPT THE MINIMUM REQUIRED SINGLE HEAD SUPPLY LINE. THIS LINE IS ALLOWED TO EXTEND INTO THE CRITICAL ROOT ZONE PERPENDICULAR TOT HE TREE TRUNK WITH THE LEAST POSSIBLE DISTURBANCE.

TREES TO BE REMOVED: ALL TREES TO BE REMOVED FROM THE SITE SHALL BE FLAGGED BY THE CONTRACTOR WITH BRIGHT RED VINYL TAPE WRAPPED AROUND THE MAIN TRUNK AT A HEIGHT OF FOUR (4') FEET ABOVE GRADE.

TREES TO REMAIN: ALL TREES TO REMAIN, AS NOTED ON DRAWINGS, SHALL HAVE PROTECTIVE FENCING LOCATED AT THE TREE'S DRIP LINE. THE PROTECTIVE FENCING SHALL BE LOCATED AS INDICATED ON THE TREE PROTECTION DETAIL.

EXISTING TREES NOTED TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION FROM DAMAGE AND COMPACTION OF SOIL UNDER AND AROUND DRIP LINE OF TREE.

UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR PRUNE ANY PORTION OF THE DAMAGED TREE WITHOUT THE PRIOR APPROVAL BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

PROHIBITED ACTIVITIES IN CRITICAL ROOT ZONE:
THE FOLLOWING ACTIVITIES ARE PROHIBITED IN THE AREAS NOTED AS THE CRITICAL ROOT ZONE.

MATERIAL STORAGE: NO MATERIALS INTENDED FOR USE IN CONSTRUCTION, OR WASTE MATERIALS ACCUMULATED DUE TO EXCAVATION OR DEMOLITION, SHALL BE PLACED WITHIN THE LIMITS OF THE CRITICAL ROOT ZONE OF ANY PROTECTED TREE.

CLEANED, OR OTHER LIQUIDS DEPOSITED OR ALLOWED WITHIN THE LIMITS OF THE CRITICAL ROOT ZONE OF A PROTECTED TREE. THIS INCLUDES, WITHOUT LIMITATION: PAINT, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR OR SIMILAR MATERIALS.

EQUIPMENT CLEANING/LIQUID DISPOSAL: NO EQUIPMENT SHALL BE

TREE ATTACHMENTS: NO SIGNS, WIRES, OR OTHER ATTACHMENTS, OTHER THAN THOSE OF A PROTECTIVE NATURE, SHALL BE ATTACHED TO ANY PROTECTED TREE.

VEHICULAR TRAFFIC: NO VEHICULAR AND/OR CONSTRUCTION, EQUIPMENT, TRAFFIC, OR PARKING SHALL TAKE PLACE WITHIN THE LIMITS OF THE CRITICAL ROOT ZONE OF ANY PROTECTED TREE OTHER THAN ON EXISTING STREET PAVEMENT.

GRADE CHANGES: A MINIMUM OF 75% OF THE DRIP LINE AND ROOT ZONE SHALL BE PRESERVED AT NATURAL GRADE. ANY FINE GRADING DONE WITHIN THE CRITICAL ROOT ZONES OF THE PROTECTED TREES MUST BE DONE WITH LIGHT MACHINERY SUCH AS A BOBCAT OR LIGHT TRACTOR. NO EARTH MOVING EQUIPMENT WITH TRACKS IS ALLOWED WITHIN THE CRITICAL ROOT ZONE OF THE TREES.

PROCEDURES REQUIRED PRIOR TO CONSTRUCTION

PROTECTIVE FENCING: PRIOR TO CONSTRUCTION, THE CONTRACTOR OR SUBCONTRACTOR SHALL CONSTRUCT AND MAINTAIN, FOR EACH PROTECTED TREE ON A CONSTRUCTION SITE, A PROTECTIVE FENCING WHICH ENCIRCLES THE OUTER LIMITS OF THE CRITICAL ROOT ZONE OF THE TREE TO PROTECT IT FROM CONSTRUCTION ACTIVITY. ALL PROTECTIVE FENCING SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF ANY SITE WORK, AND REMAIN IN PLACE UNTIL ALL EXTERIOR WORK HAS BEEN COMPLETED.

BARK PROTECTION: IN SITUATIONS WHERE A PROTECTED TREE REMAINS IN THE IMMEDIATE AREA OF INTENDED CONSTRUCTION, AND THE LANDSCAPE ARCHITECT OR OWNERS'S REPRESENTATIVE DETERMINES THE TREE BARK TO BE IN DANGER OF DAMAGE BY CONSTRUCTION EQUIPMENT OR OTHER ACTIVITY, THE CONTRACTOR OR SUBCONTRACTOR SHALL PROTECT THE TREE BY ENCLOSING THE ENTIRE CIRCUMFERENCE OF THE TREE WITH 2"X4" LUMBER ENCIRCLED WITH WIRE OR OTHER MEANS THAT DO NOT DAMAGE THE TREE. THE INTENT IS TO PROTECT THE BARK OF THE TREE AGAINST INCIDENTAL CONTACT BY LARGE CONSTRUCTION EQUIPMENT.

10321 BRADSHAW DRIVE . FORT WORTH, TX . 76108 512.517.5589

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Professional of Record:



REBIRD RESTAURAN 4180 BELTLINE RD. ADDISON, TX 75001

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heet Title: EXISTING
LANDSCAPE PLAN

Date: Jan 07, 2015

Project Number: 14019

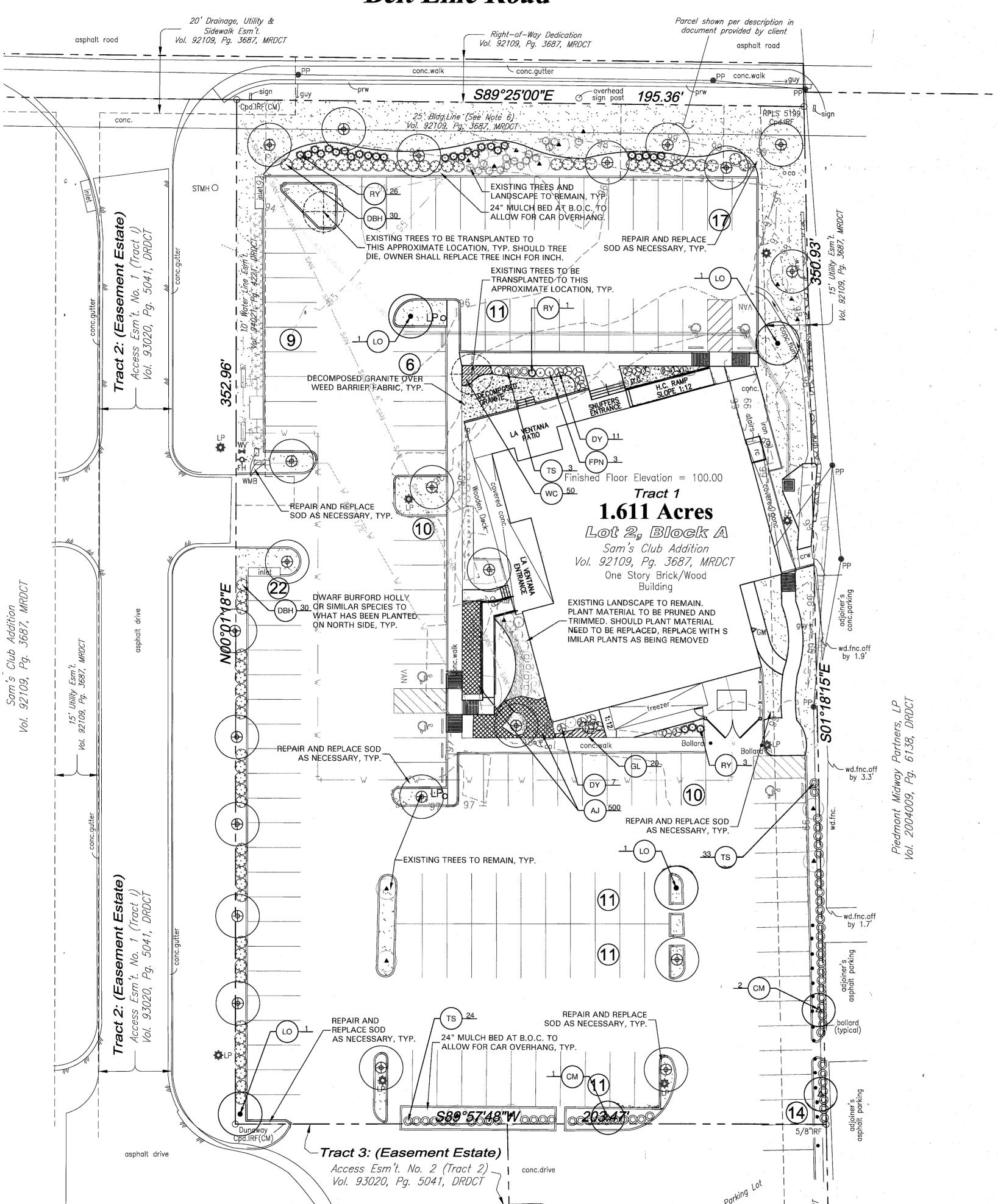
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Belt Line Road



GENERAL LAWN NOTES

EROSION CONTROL AND SOIL PREPARATION:
THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TOP SOIL AT THE CORRECT GRADES. CONTRACTOR TO FINE GRADE AREAS TO REACH FINAL CONTOURS AS SPECIFIED PER CIVIL PLANS. ALL CONTOURS SHOULD ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND STRUCTURES WATER SHOULD NOT BE ABLE TO POOL IN ANY AREAS UNLESS SPECIFIED OTHERWISE, EROSION FABRIC SUCH AS JUTE MATTING OR OPEN WEAVE TO BE USED WHERE NECESSARY TO PREVENT SOIL EROSION.

ANY LOSS OF TOPSOIL OR GRASS DUE TO EROSION IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL IT IS 100% ESTABLISHED.

CONTRACTOR TO REMOVE ANY ROCKS 3/4" AND LARGER, STICKS AND DEBRIS PRIOR TO INSTALLATION OF TOPSOIL AND SOD.

FOUR (4") OF TOPSOIL SHALL BE APPLIED TO AREAS DISTURBED BY CONSTRUCTION RECEIVING SOD. IF TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL AS APPROVED BY THE OWNER OR OWNERS REPRESENTATIVE.

TOPSOIL SHALL BE FRIABLE, NATURAL LOAM, FREE OF ROCKS, WEEDS, BRUSH, CLAY LUMPS, ROOTS, TWIGS, LITTER AND ENVIRONMENTAL CONTAMINANTS.

CONTRACTOR SHALL BE RESPONSIBLE FOR SOD UNTIL ACCEPTANCE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: MOWING, WATERING, WEEDING CULTIVATING, CLEANING AND REPLACING DEAD OR BARE AREAS TO KEEP PLANTS IN A VIGOROUS, HEALTHY CONDITION. SOD SHALL BE REPLACED IF

SOLID SOD:
SOLID SOD SHALL BE PLACED ALONG ALL IMPERVIOUS EDGES, AT A MINIMUM. THIS SHALL INCLUDE CURBS, WALKS, INLETS, MANHOLES AND PLANTING BED AREAS. SOD SHALL COVER OTHER AREAS COMPLETELY AS INDICATED BY PLAN.

SOD SHALL BE STRONGLY ROOTED DROUGHT RESISTANT SOD, NOT LESS THAN 2 YEARS OLD, FREE OF WEEDS AND UNDESIRABLE NATIVE GRASS AND MACHINE CUT TO PAD THICKNESS OF 3/4" (+1/4"). FXCLUDING TOP GROWTH AND THATCH, PROVIDE ONLY SOD CAPABLE OF VIGOROUS GROWTH AND DEVELOPMENT WHEN PLANTED

DO NOT INSTALL SOD IF IT IS DORMANT OR GROUND IS FROZEN. LAY SOD WITH TIGHTLY FITTING JOINTS, NO OVERLAPS WITH STAGGERED STRIPS TO

SOD SHALL BE ROLLED TO CREATE A SMOOTH EVEN SURFACE. SOD SHOULD BE WATERED THOROUGHLY DURING INSTALLATION PROCESS.

SHOULD INSTALLATION OCCUR BETWEEN OCTOBER 1ST AND MARCH 1ST, SOD SHALL INCLUDE AN OVER-SEED OF ANNUAL RYE OR WINTER RYEGRASS AT A RATE OF FOUR POUNDS PER ONE THOUSAND SQUARE FEET FOR A GROWN-IN APPEARANCE, CONTRACTOR SHALL ENSURE CONFORMANCE TO §115.D OF TITLE 7, PART XXIX, HORTICULTURE COMMISSION CHAPTER 1.

SCARIFY SURFACE TO A MINIMUM OF 2" DEPTH PRIOR TO THE IMPORT TOPSOIL APPLICATION. TOP SOIL SHALL BE PLACED 2" IN DEPTH IN ALL AREAS TO BE SEEDED. CONTRACTOR TO SUPPLY HIGH QUALITY IMPORTED TOPSOIL HIGH IN HUMAS AND ORGANIC CONTENT FROM A LOCAL SUPPLY. IMPORTED TOPSOIL SHALL BE REASONABLY FREE OF CLAY LUMPS, COARSE SANDS, STONES, ROOTS AND OTHER FOREIGN

IF INADEQUATE MOISTURE IS PRESENT IN SOIL, APPLY WATER AS NECESSARY FOR OPTIMUM MOISTURE FOR SEED APPLICATION. ALL SEED SHALL BE HIGH QUALITY, TREATED LAWN TYPE SEED AND IS FREE OF NOXIOUS GRASS SEEDS. THE SEED APPLICATION SHALL BE UNIFORMLY DISTRIBUTED ON THE AREAS INDICATED ON PLANS. HYDROMULCH WITH BERMUDA GRASS SEED AT A RATE OF TWO POUNDS

IF INSTALLATION OCCURS BETWEEN OCTOBER 1ST AND APRIL 1ST, ALL HYDORMULCH AREAS SHALL BE OVER-SEEDED WITH ANNUAL RYE GRASS AT A RATE OF FOUR POUNDS PER ONE THOUSAND SQUARE FEET. CONTRACTOR TO RE-HYDROMULCH WITH BERMUDA GRASS AT THE END OF THE ANNUAL RYE GROWING SEASON

AFTER APPLICATION, NO EQUIPMENT SHALL OPERATE OVER APPLIED AREAS. WATER SEEDED AREAS IMMEDIATELY AFTER INSTALLATION TO

ALL LAWN AREAS TO BE HYDROMULCHED SHALL ACHIEVE 100% COVERAGE PRIOR TO FINAL ACCEPTANCE.

MISCELLANEOUS MATERIALS:

PER ONE THOUSAND SQUARE FEET.

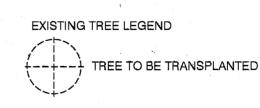
STEEL EDGING SHALL BE 3/16" X 4 X 16' DARK GREEN DURAEDGE STEEL

OVER FILTER FABRIC AT A MINIMUM OF 3" DEPTH.

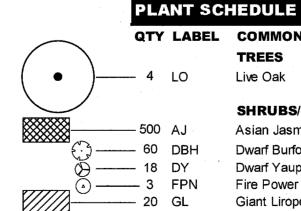
RIVER ROCK SHALL BE ARIZONA RIVER ROCK, 1 1/2" - 4" DIAMETER RIVER ROCK SHALL BE COMPACTED TO A MINIMUM OF 3" DEPTH OVER FILTER

DECOMPOSED GRANITE SHALL CONSIST OF A NATURAL MIX OF GRANITE AGGREGATE NOT TO EXCEED 1/8" IN DIAMETER AND COMPOSED OF VARIOUS STAGES OF DECOMPOSED EARTH BASE. DG SHALL BE PLACED

BOULDERS SHALL BE ON AVERAGE 36" X 24" X 24" AND A MIN. OF 500LBS. BOULDER TO BE SET IN GROUND ON A 1" SAND SETTING BED APPROXIMATELY 2" BELOW FINISH GRADE. BOULDER SHOULD HAVE A WEATHERED FINISH. EACH BOULDER HAS A NATURAL TOP AND BOTTOM. ENSURE THAT THE BOULDER IS POSITIONED CORRECTLY BEFORE



TREE TO REMAIN



GRAPHIC SCALE

Scale 1"=20' - 0"

QTY LABEL COMMON NAME Live Oak Asian Jasmine Dwarf Burford Holly Dwarf Yaupon Holly Fire Power Nandina Giant Lirope Red Yucca Bermuda Solid Sod

Quercus virginiana SHRUBS/GROUNDCOVER Texas Sage 'Green Cloud' Purple Winter Creeper

Trachelosperum asiaticum Ilex comuta ' Burford Nana Ilex vomitoria 'Condeaux' Nandina domestica 'Firepower' Liriope gigantea Hesperaloe parvifolia Leucophyllum frutescens 'Green Cloud' Euonymous fortunei 'Coloratus' Cynodon dactylon

SCIENTIFIC NAME

Plant list is an aid to bidders only. Contractor shall verify all quantities on plan. All heights and spreads are minimums. Trees shall have a strong central leader and be of matching specimens. All plant material shall meet or exceed remarks as indicated.



LANDSCAPE NOTES

REFERENCE SITEWORK AND SPECIFICATIONS FOR INFORMATION NEEDED FOR LANDSCAPE WORK

CONTRACTOR TO VERIFY AND LOCATE ALL PROPOSED AND EXISTING STRUCTURES, NOTIFY LANDSCAPE ARCHITECT OR DESIGNATED REPRESENTATIVE FOR ANY LAYOUT DISCREPANCIES OR ANY CONDITION THAT WOULD PROHIBIT THE INSTALLATION AS SHOWN.

CONTRACTOR SHALL CALL 811 TO VERIFY AND LOCATE ANY AND ALL UTILITIES ON SITE PRIOR TO COMMENCING WORK, LANDSCAPE ARCHITECT SHOULD BE

NOTIFIED OF ANY CONFLICTS. A MINIMUM OF 2% SLOPE SHALL BE PROVIDED AWAY FROM ALL STRUCTURES. LANDSCAPE ISLANDS SHALL BE CROWNED, AND UNIFORM THROUGHOUT THE

ALL PLANTING AREAS SHALL BE GRADED SMOOTH TO ACHIEVE FINAL CONTOURS AS INDICATED ON PLAN WITH 3" OF TOPSOIL AND 3" OF COMPOST AND CONSISTENTLY BLENDED TO A DEPTH OF 9". ALL BEDS SHALL BE CROWNED TO ANTICIPATE SETTLEMENT AND ENSURE PROPER DRAINAGE.

PLANTING AREAS AND SOD TO BE SEPARATED BY STEEL EDGING. EDGING TO BE GREEN IN COLOR AND A MINIMUM OF 3/16" THICK, EDGING SHALL BE STAKED FROM THE INSIDE OF BED. EDGING NOT TO BE MORE THAN 1/2" ABOVE FINISHED GRADE

MULCH SHALL BE INSTALLED AT 1/2" BELOW THE TOPS OF SIDEWALKS AND

QUANTITIES ON THESE PLANS ARE FOR REFERENCE ONLY. THE SPACING OF PLANTS SHOULD BE AS INDICATED ON PLANS OR OTHERWISE NOTED. ALL TREES AND SHRUBS SHALL BE PLANTED PER DETAILS.

CONTAINER GROWN PLANT MATERIAL IS PREFERRED HOWEVER BALL AND BURLAP PLANT MATERIAL CAN BE SUBSTITUTED IF NEED BE AND IS APPROPRIATE TO THE SIZE AND QUALITY INDICATED ON THE PLANT MATERIAL

TREES SHALL BE PLANTED AT A MINIMUM OF 5' FROM ANY UTILITY LINE, SIDEWALK OR CURB, TREES SHALL ALSO BE 10' CLEAR FROM FIRE HYDRANTS. 4" OF SHREDDED HARDWOOD MULCH (2" SETTLED THICKNESS) SHALL BE PLACED OVER 4.1 OZ WOVEN, WEED BARRIER FABRIC OR APPROVED EQUAL WEED BARRIER FABRIC SHALL BE USED IN PLANT BEDS AND AROUND ALL TREES AND SHALL BE DE WITT WEED BARRIER' OR APPROVED EQUAL. MULCH SHALL BE SHREDDED BARK OR RUBBER LANDSCAPE MULCH, PINE STRAW MULCH IS PROHIBITED

CONTRACTOR TO PROVIDE UNIT PRICING OF LANDSCAPE MATERIALS AND BE RESPONSIBLE FOR OBTAINING ALL LANDSCAPE AND IRRIGATION PERMITS.

IN THE ABSENCE OF AN IRRIGATION SYSTEM OR AREAS BEYOND THE COVERAGE LIMITS OF A PERMANENT IRRIGATION SYSTEM, CONTRACTOR SHALL WATER SOD TEMPORARILY, BY ANY MEANS AVAILABLE, TO DEVELOP ADEQUATE GROWTH. TURF SHALL BE IN 100% ESTABLISHMENT AT THE TIME OF

ALL PLANTING BEDS SHALL HAVE AN AUTOMATIC IRRIGATION SYSTEM WITH A FREEZE/RAIN SENSOR, SYSTEM SHALL ALSO HAVE AN ET WEATHER BASED CONTROLLER AND BE DESIGNED AND INSTALLED BY A LICENSED IRRIGATOR.

MAINTENANCE REQUIREMENTS: VEGETATION SHOULD BE INSPECTED REGULARLY TO ENSURE THAT PLANT MATERIAL IS ESTABLISHING PROPERLY AND REMAINS IN A HEALTHY GROWING CONDITION APPROPRIATE FOR THE SEASON. IF DAMAGED OR REMOVED, PLANTS MUST BE REPLACED BY A SIMILAR VARIETY AND SIZE.

MOWING, TRIMMING, EDGING AND SUPERVISION OF WATER APPLICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE OWNER OR OWNER'S REPRESENTATIVE ACCEPTS AND ASSUMES REGULAR

ALL LANDSCAPE AREAS SHOULD BE CLEANED AND KEPT FREE OF TRASH, DEBRIS, WEEDS AND OTHER MATERIAL

'	
	ULATIONS for ADDISON, TEXAS SITE LANDSCAPE
1. 20% of the total site	
Total Site Area: 70,175	s.f.
REQUIRED	PROVIDED
14,035 (20%)	14,035 (20%)
LA	NDSCAPE BUFFER
1. A 20' landscape buffe	er is required

2. 1 shade tree, 4 inches in caliper is required per ever 30 linear feet of street frontage Beltline Road - 200 l.f. PROVIDED REQUIRED

20' buffer 20' buffer 7 existing shade trees, +4" shade trees, 4" cal.

PARKING LOT PERIMETER LANDSCAPE . One 4" cal. Tree shall be provided for each 35 l.f. of perimeter and one shrub planted for every 3-3.5' on center. (366 l.f.) REQUIRED PROVIDED 5' buffer 5' buffer 5 existing shade trees, +4" cal.; 1 shade trees, 4" cal.;

due to location of the water line 10 shade trees, 4" cal. easement to the north, no additional trees could be 18 existing shrubs,

140 proposed shrubs

PARKING LOT INTERIOR LANDSCAPE . 5% of the interior parking lot to be landscaped. (44,212 s.f.)

2. One shade tree for each 10 spaces. (132 spaces) PROVIDED REQUIRED 2,210 (5%) 2,415 (5.4%)

SIZE NOTES

5 gal.

5 gal.

122 shrubs

9 existing shade trees, +4" cal. 13 shade trees, 4" cal. 4 proposed trees, 4" cal.

4" cal. 12' ht., 4' spread, matching

full, 20" spread, 36" o.c.

full, 24" sprd, 30" o.c.

full, 24" sprd, 30" o.c.

full, 24" sprd, 36" o.c.

full, 12" o.c.

full, 30" o.c.

full, 18" o.c.

4" pots full, 12" o.c.

PLAN

Jan 07, 2015 Project Number: 14019 Drawn By:

Scale:

Engineer Information:

501 S. Carroll Blvd.

Denton, TX. 76201

940.566.0008 fax

Texas Firm No. F-8942

Professional of Record:

940.566.0088

Ste. 201

The Bousquet Group, Inc

2.13.15

Revi	sions:	
#	Date Issued:	Description:
	-	-

Sheet Title: LANDSCAPE

Sheet Number:

PART 1 - GENERAL

1.1 REFERENCE DOCUMENTS

a. SEEDING

- A. REFER TO LANDSCAPE PLANS, NOTES, AND DETAILS FOR ADDITIONAL REQUIREMENTS
- 1.2 DESCRIPTION OF WORK A. FURNISH ALL LABOR, MATERIALS, EQUIPMENT, AND SERVICES NECESSARY
- TO PROVIDE ALL WORK, COMPLETE IN PLACE AS SHOWN AND SPECIFIED. WORK SHOULD INCLUDE:
- A. PLANTING OF TREES, SHRUBS AND GRASSES
 - b. BED PREPARATION AND FERTILIZATION c. WATER AND MAINTENANCE UNTIL FINAL ACCEPTANCE
 - d. WORK GUARANTEE

1.3 REFERENCES

- A. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) Z60.1 NURSERY STOCK
- B. TEXAS STATE DEPARTMENT OF AGRICULTURE C. TEXAS ASSOCIATION OF NURSERYMEN, GRADES AND STANDARDS

1.4 SUBMITTALS

- A. PROVIDE REPRESENTATIVE QUANTITIES OF EACH SOIL, MULCH, BED MIX, GRAVEL AND STONE BEFORE INSTALLATION. SAMPLES TO BE APPROVED BY
- OWNER'S REPRESENTATIVE BEFORE USE. B. SOIL AMENDMENTS AND FERTILIZERS SHOULD BE RESEARCHED AND BASED ON THE SOILS IN THE AREA.
- C. BEFORE INSTALLATION, SUBMIT DOCUMENTATION THAT PLANT MATERIALS ARE AVAILABLE AND HAVE BEEN RESERVED. FOR ANY PLANT MATERIAL NOT AVAILABLE, SUBMIT REQUEST FOR SUBSTITUTION.

1.5 JOB CONDITIONS, DELIVERY, STORAGE AND HANDLING

- A. GENERAL CONTRACTOR TO COMPLETE WORK BEFORE LANDSCAPE CONTRACTOR TO COMMENCE. ALL PLANTING BED AREAS SHALL BE LEFT THREE INCHES BELOW FINAL GRADE OF SIDEWALKS, DRIVES AND CURBS ALL AREAS TO RECEIVE SOLID SOD SHALL BE LEFT ONE INCH BELOW THE FINAL GRADE OF WALKS, DRIVES AND CURBS. CONSTRUCTION DEBRIS SHALL BE REMOVED PRIOR TO LANDSCAPE CONTRACTOR BEGINNING
- B. ALL PACKAGED MATERIALS SHALL BE SEALED IN CONTAINERS SHOWING WEIGHT, ANALYSIS AND NAME OF MANUFACTURER. ALL MATERIALS SHALL BE PROTECTED FROM DETERIORATION IN TRANSIT AND WHILE STORED ON
- C. DELIVER PLANT MATERIALS IMMEDIATELY PRIOR TO INSTALLATION. PLANT MATERIALS SHOULD BE INSTALLED ON THE SAME DAY AS DELIVERED. IF PLANTING CANNOT BE INSTALLED ON THE SAME DAY, PROVIDE ADDITIONAL PROTECTION TO MAINTAIN PLANTS IN A HEALTHY, VIGOROUS CONDITION.
- D. STORE PLANT MATERIALS IN SHADE, PROTECT FROM FREEZING AND
- E. KEEP PLANT MATERIALS MOIST AND PROTECT FROM DAMAGE TO ROOT BALLS, TRUNKS AND BRANCHES.
- F. PROTECT ROOT BALLS BY HEELING WITH SAWDUST OR OTHER MOISTURE RETAINING MATERIAL IF NOT PLANTED WITHIN 24 HOURS OF DELIVERY. G. NOTIFY OWNER'S REPRESENTATIVE OF DELIVERY SCHEDULE 72 HOURS IN
- H. FOR BALLED AND BURLAPPED PLANTS DIG AND PREPARE SHIPMENT IN A

- MANNER THAT WILL NOT DAMAGE ROOTS, BRANCHES, SHAPE, AND FUTURE DEVELOPMENT.
- CONTAINER GROWN PLANTS DELIVER PLANTS IN CONTAINER TO HOLD BALL SHAPE AND PROTECT ROOT MASS. J. STORAGE OF ALL MATERIALS AND EQUIPMENT WILL BE AT THE RISK OF THE LANDSCAPE CONTRACTOR. OWNER WILL NOT BE HELD RESPONSIBLE FOR

A. INSTALL TREES, SHRUBS, AND LINER STOCK PLANT MATERIALS PRIOR TO INSTALLATION OF LAWN/SOLID SOD.

1.7 WARRANTIES/GUARANTEE

THEFT OR DAMAGE.

- A. FURNISH WRITTEN WARRANTY THAT PLANT MATERIALS WILL BE IN A HEALTHY, VIGOROUS GROWING CONDITION FOR ONE YEAR (TWELVE MONTHS) AFTER FINAL ACCEPTANCE. DAMAGE DUE TO ACTS OF GOD, VANDALISM, OR NEGLIGENCE BY OWNER IS EXCLUDED.
- B. REPLACE DEAD, UNHEALTHY, AND UNSIGHTLY PLANT MATERIAL WITHIN WARRANTY PERIOD UPON NOTIFICATION BY OWNER OR OWNER'S REPRESENTATIVE. PLANTS USED FOR REPLACEMENT SHALL BE OF THE SAME SIZE AND KIND AS THOSE ORIGINALLY PLANTED OR SPECIFIED.
- C. THE OWNER AGREES THAT FOR THE ONE YEAR WARRANTY PERIOD TO BE EFFECTIVE, HE WILL WATER PLANTS AT LEAST TWICE A WEEK DURING DRY
- D. NOTIFY OWNER OR OWNER'S REPRESENTATIVE SEVEN DAYS PRIOR TO THE EXPIRATION OF THE WARRANTY PERIOD.
 - a. REMOVE DEAD, UNHEALTHY AND UNSIGHTLY PLANTS b. REMOVE GUYING AND STAKING MATERIALS.

1.8 MAINTENANCE

- A. MAINTAIN PLANT LIFE AND PLANTING BEDS IMMEDIATELY AFTER PLACEMENT AND FOR MINIMUM 30 DAYS AFTER FINAL ACCEPTANCE.
- B. REPLACE DEAD OR DYING PLANTS WITH PLANTS OF SAME SIZE AND SPECIES AS SPECIFIED.
- C. REMOVE TRASH, DEBRIS, AND LITTER. WATER, PRUNE, FERTILIZE, WEED AND APPLY HERBICIDES AND FUNGICIDES AS REQUIRED. D. REMOVE CLIPPINGS AND DEBRIS FROM SITE PROMPTLY.
- COORDINATE WITH OPERATION OF IRRIGATION SYSTEM TO ENSURE THAT PLANTS ARE ADEQUATELY WATERS. HAND WATER AREAS NOT RECEIVING ADEQUATE WATER FROM AN IRRIGATION SYSTEM. F. RESET SETTLED PLANTS
- G. REAPPLY MULCH TO BARE AND THIN AREAS.

1.9 QUALITY ASSURANCE

- A. COMPLY WITH ALL FEDERAL, STATE, COUNTY AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK.
- B. EMPLOY PERSONNEL EXPERIENCED AND FAMILIAR WITH THE REQUIRED WORK AND SUPERVISION BY A FOREMAN.
- C. DO NOT MAKE PLANT MATERIAL SUBSTITUTIONS. IF THE LANDSCAPE MATERIAL SPECIFIED IS NOT READILY AVAILABLE, SUBMIT PROOF TO LANDSCAPE ARCHITECT ALONG WITH THE PROPOSED MATERIAL TO BE USED IN LIEU OF THE SPECIFIED PLANT.
- D. ALL TREES SHALL BE MEASURED BY DIAMETER BREAST HEIGHT (DBH). DO NOT TRIM OR PRUNE TREES AND SHRUBS TO MEET THE REQUIREMENTS.
- E. OWNER'S REPRESENTATIVE SHALL INSPECT ALL PLANT MATERIAL AND RETAINS THE RIGHT TO INSPECT MATERIALS UPON ARRIVAL TO THE SITE

AND DURING INSTALLATION. THE OWNER'S REPRESENTATIVE MAY ALSO REJECT ANY MATERIALS HE FEELS TO BE UNSATISFACTORY OR DEFECTIVE DURING THE WORK PROCESS. ALL PLANTS DAMAGED IN TRANSIT OR AT THE JOB SITE SHALL BE REJECTED.

PART 2 - PRODUCTS 2.1 PLANT MATERIALS

A. ALL PLANTS SHALL BE CERTIFIED IN ACCORDANCE THE AMERICAN

- STANDARD FOR NURSERY STOCK. B. PLANTS SHALL CONFORM TO THE MEASUREMENTS SPECIFIED, EXCEPT THE PLANTS LARGER THAN THOSE SPECIFIED MAY BE USED. USE OF LARGER
- PLANTS SHALL NOT INCREASE THE CONTRACT PRICE.
- C. WHERE MATERIALS ARE PLANTED IN MASSES, PROVIDE PLANTS OF UNIFORM D. PLANTS SHALL BE GROWN IN CLIMATIC CONDITIONS SIMILAR TO THOSE AT
- THE INSTALLATION LOCATION. E. SHALL BE FREE OF DISEASE, INSECT INFESTATION, DEFECTS INCLUDING WEAK OR BROKEN LIMBS, CROTCHES, AND DAMAGED TRUNKS, ROOTS OR
- OBJECTIONABLE DISFIGUREMENT, INSECT EGGS AND LARVAE. F. ALL PLANTS SHALL EXHIBIT NORMAL GROWTH HABITS, VIGOROUS, HEALTHY, FULL, WELL BRANCHES, WELL ROOTED, PROPORTIONATE AND
- SYMMETRICAL G. TREE TRUNKS TO BE STURDY, EXHIBIT HARDENED SYSTEMS AND VIGOROUS

LEAVES, SUN SCALD, FRESH BARK ABRASIONS, EXCESSIVE ABRASIONS,

AND FIBROUS ROOT SYSTEMS, NOT ROOT OR POT BOUND. H. TREES WITH DAMAGED OR CROOKED LEADERS, BARK ABRASIONS, SUNSCALD, DISFIGURING KNOTS, OR\INSECT DAMAGE WILL BE REJECTED. I. PLANT SCHEDULE ON DRAWING IS FOR CONTRACTOR'S INFORMATION ONLY AND NO GUARANTEE IS EXPRESSED OR IMPLIED THAT QUANTITIES THEREIN ARE CORRECT. THE CONTRACTOR SHALL ENSURE THAT ALL PLANT MATERIALS SHOWN ON THE DRAWINGS ARE INCLUDED IN HIS OR HER BID.

2.2 ACCESSORIES/MISCELLANEOUS MATERIALS

- A. MULCH DOUBLE SHREDDED HARDWOOD MULCH, PARTIALLY DECOMPOSED BY LIVING EARTH TECHNOLOGIES OR APPROVED SUBSTITUTE. MULCH SHOULD BE FREE OF STICKS, STONES, CLAY, GROWTH AND GERMINATION INHIBITING INGREDIENTS.
- B. FERTILIZER COMMERCIAL FERTILIZER CONTAINING 10-20-10 OR SIMILAR
- C. SOIL PREPARATION SHALL BE FERTILE, LOAMY SOIL ORGANIC MATTER SHALL ENCOMPASS BETWEEN 3% AND 10% OF THE TOTAL DRY WEIGHT. SOIL SHALL BE FREE FROM SUBSOIL, REFUSE, ROOTS, HEAVY OR STIFF CLAY, STONES LARGER THAN 1", NOXIOUS WEEDS, STICKS, BRUSH, LITTER AND OTHER SUBSTANCES. IT SHOULD BE SUITABLE FOR THE GERMINATION OF SEEDS AND THE SUPPORT OF VEGETATIVE GROWTH. THE PH VALUE SHOULD BE BETWEEN 4 AND 7.

APPROXIMATE PARTICLE DISTRIBUTION FOR TOPSOIL

BETWEEN 15% AND 25%

SILT BETWEEN 15% AND 25% LESS THAN 50%

GRAVEL LESS THAN 10%

D. EXISTING TOPSOIL - MAY BE USED IF IT MEETS THE REQUIREMENTS FOR THE IMPORTED TOPSOIL OR IF APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE. TOPSOIL SHALL NOT BE STRIPPED, TRANSPORTED OR GRADED IF MOISTURE CONTENT EXCEEDS FIELD CAPACITY. TOPSOIL STOCKPILES SHALL BE PROTECTED FROM EROSION OR CONTAMINATION.

- E. STEEL EDGING SHALL BE 3/16" X 4" X 16" DARK GREEN LANDSCAPE F. TREE STAKING - TREE STAKING SOLUTIONS OR APPROVED SUBSTITUDE;
- REFER TO DETAILS.
- G. FILTER FABRIC MIRAFI 1405 BY MIRAFI INC. OR APPROVED SUBSTITUTE. H. SAND - UNIFORMLY GRADED, WASHED, CLEAN, BANK RUN SAND.
- I. DECOMPOSED GRANITE BASE MATERIAL OF NATURAL MATERIAL MIX OF GRANITE AGGREGATE NOT TO EXCEED 1/8" IN DIAMETER.
- J. RIVER ROCK LOCALLY AVAILABLE RIVER ROCK BETWEEN 2"-4" IN DIAMETER.

PART 3 - EXECUTION

3.1 PREPARATION

- A. IF WEEDS ARE GROWING IN PLANTING AREAS, APPLY HERBICIDE RECOMMENDED BY MANUFACTURER AND APPLIED BY AN APPROVED LICENSED APPLICATOR. ALLOW WEEDS TO DIE, AND THEN GRUB OUT ROOTS TO A MINIMUM OF 1/2 INCH DEPTH.
- B, PREPARE NEW PLANTING BEDS BY TILLING EXISTING SOIL TO A DEPTH OF SIX INCHES PRIOR TO PLACING COMPOST AND FERTILIZER. ADD SIX INCHES OF COMPOSE AND TILL INTO A DEPTH OF SIX INCHES OF THE TOPSOIL.
- C. POSITION TREES AND SHRUBS AS DESIGNED ON PLAN. OBTAIN OWNER'S REPRESENTATIVE'S APPROVAL PRIOR TO PROCEEDING. D. ALL PLANTING AREAS SHALL RECEIVE A MINIMUM OF 2 INCH LAYER OF

3.2 EXCAVATING

- A. EXCAVATE PITS FOR PLANTING. TREE PITS SHALL BE LARGE ENOUGH TO PERMIT THE HANDLING OF THE ROOT BALL WITHOUT DAMAGE TO THE ROOTS. TREES SHALL BE PLANTED AT A DEPTH THAT WHEN SETTLED, THE CROWN OF THE PLANT SHALL BEAR THE SAME RELATIONSHIP TO THE FINISH GRADE AS IT DID TO THE SOIL SURFACE IN ORIGINAL PLACE OF GROWTH.
- B. TREE PITS PERCOLATION TEST: FILL PIT WITH WATER AND ALLOW TO STAND FOR 24 HOURS. IF PIT DOES NOT DRAIN, THE TREE NEEDS TO BE MOVED TO ANOTHER LOCATION OR HAVE DRAINAGE ADDED.

C. SHRUB AND TREE PITS SHALL BE NO LESS THAN 24" WIDER THAN THE ROOT BALL AND 6" DEEPER THAN ITS VERTICAL DIMENSION. HOLES SHOULD BE ROUGH, NOT SMOOTH OR GLAZED.

- A. REMOVE CONTAINERS WITHOUT DAMAGE TO ROOTS.
- B. REMOVE BOTTOM OF PLANT BOXES PRIOR TO PLACING PLANTS. REMOVE SIDES AFTER PLACEMENT AND PARTIAL BACKFILLING.
- C. REMOVE UPPER THIRD OF BURLAP FROM BALLED AND BURLAPPED TREES AFTER PLACEMENT.
- D. PLACE PLANT UPRIGHT AND PLUMB IN CENTER OF HOLE. ORIENT PLANTS
- FOR BEST APPEARANCE. E. SET PLANTS WITH TOP OF ROOT BALLS FLUSH WITH ADJACENT GRADE AFTER COMPACTION. ADJUST PLANT HEIGHT IF SETTLEMENT OCCURS
- F. BACKFILL HOLES IMMEDIATELY AFTER PLANT IS PLACED USING BACKFILL MIX. BACKFILL TO ONE HALF DEPTH, FILL HOLE WITH WATER AND LIGHTLY
- TAMP SOIL TO REMOVE VOIDS AND AIR POCKETS. G. TRIM PLANTS TO REMOVE DEAD AND INJURED BRANCHES ONLY. BRACE PLANTS OVER 65 GALLONS IN SIZE.

- H. MULCH TO THE TOP OF THE ROOT BALL. DO NOT PLANT GRASS ALL THE WAY TO TRUNK OF THE TREE. MULCH WITH AT LEAST 2" OF SPECIFIED
- DO NOT WRAP TREES

NOT THE GRASS SIDE.

J. DO NOT OVER PRUNE BLOCKS OF SOD SHOULD BE LAID JOINT TO JOINT AFTER FERTILIZING THE GROUND FIRST. ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE. THE JOINTS BETWEEN BLOCKS SHOULD BE FILLED WITH TOPSOIL AND THEN WATERED THOROUGHLY.

3.4 STEEL EDGING

A. STEEL EDGING SHALL BE INSTALLED AND ALIGNED AS INDICATED ON PLANS. OWNER'S REPRESENTATIVE TO APPROVE THE STAKED OR PAINTED LOCATION OF STEEL EDGE PRIOR TO INSTALLATION

. TOP OF EDGING SHALL BE 1/2" MAXIMUM HEIGHT ABOVE FINAL FINISHED

- B. ALL STEEL EDGING SHALL BE FREE OF BENDS OR KINKS.
- D. STAKES ARE TO BE INSTALLED ON THE PLANTING BED SIDE OF THE EDGING,
- E. STEEL EDGING SHALL NOT BE INSTALLED ALONG SIDEWALKS OR CURBS. EDGING SHOULD BE CUT AT A 45 DEGREE ANGLE WHERE IT MEETS SIDEWALKS OR CURBS.

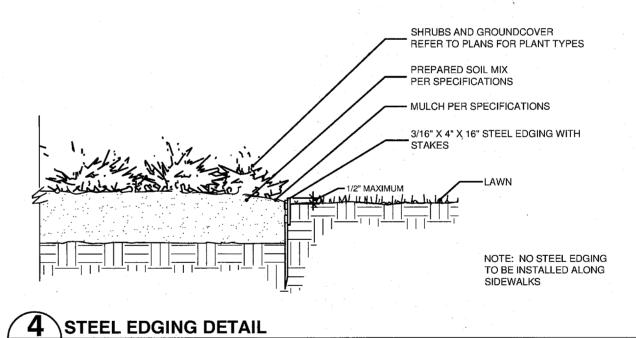
3.5 CLEANUP

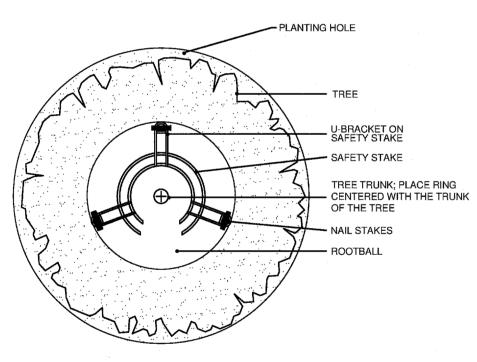
- A. REMOVE CONTAINERS, TRASH, RUBBISH AND EXCESS SOILS FROM SITE AS
- WORK PROGRESSES. B. REPAIR RUTS, HOLES AND SCARES IN GROUND SURFACES.
- C. PREMISES SHALL BE KEPT NEAT AT ALL TIMES AND ORGANIZED. D. ALL PAVED AREAS SHOULD BE CLEANED AT THE END OF EACH WORK DAY.

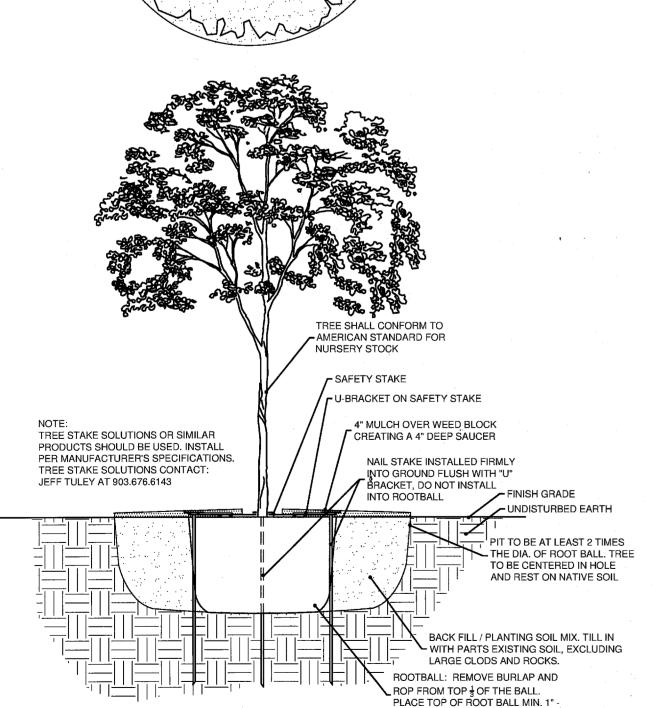
3.6 ACCEPTANCE

A. ENSURE THAT WORK IS COMPLETE AND PLANT MATERIALS ARE IN VIGOROUS AND HEALTHY GROWING CONDITION.

END OF SECTION

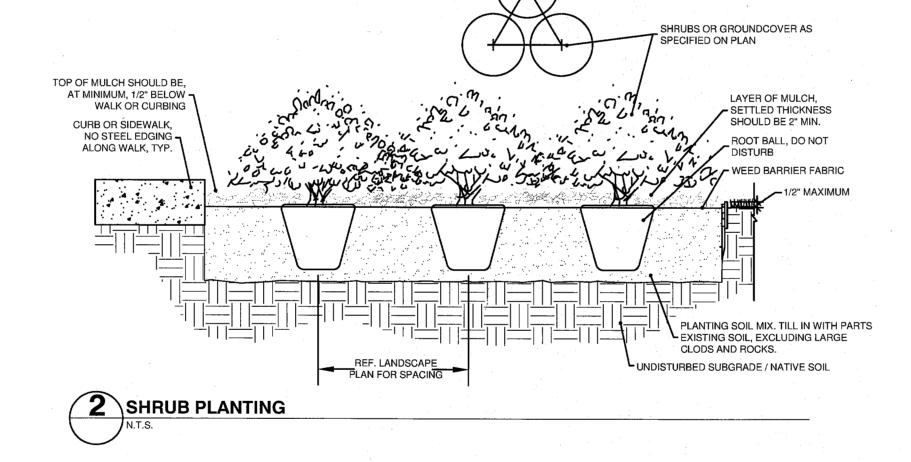


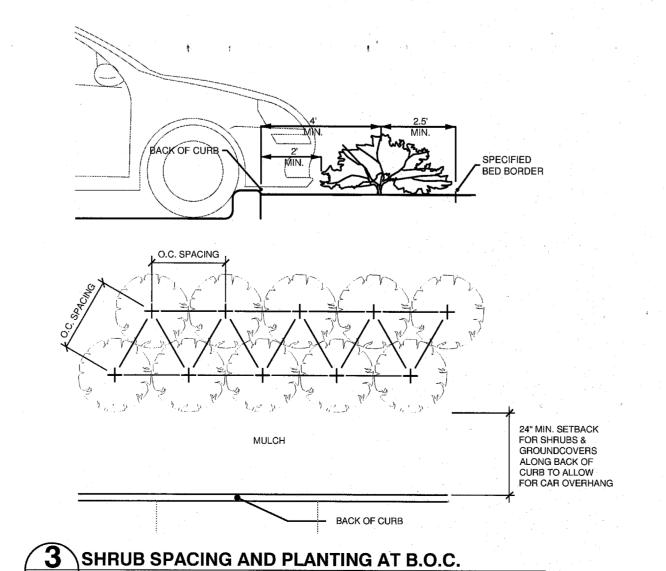




MAX. 2" ABOVE GRADE

TREE PLANTING







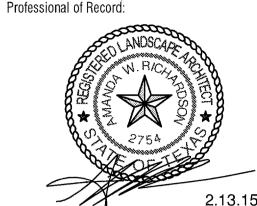
Engineer Information:

501 S. Carroll Blvd. Ste. 201

Denton, TX. 76201 940.566.0008 fax

Texas Firm No. F-8942

940.566.0088



Revisions:		
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Sheet Title: LANDSCAPE **SPECS & DETAILS**

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