

REAUTHORIZATION NOTES:

SECTION 1 - LANDSCAPE, SCREENING, AND GRADING

1. THE NEW MASONRY WALL WILL BE LOCATED GENERALLY ALONG THE APPROVED DRILL SITE BOUNDARY LINE.
2. PERMANENT SCREENING, FENCING, LANDSCAPING, AND IRRIGATION WILL BE INSTALLED AND MAINTAINED AS SHOWN AROUND THE EXISTING PHASE ONE DRILL SITE BOUNDARY AND AROUND THE EXPANDED PHASE 2 BOUNDARY, PURSUANT TO SECTION 114.12(G).
3. THE EXPANDED DRILL SITE AREA FOR PHASE 2 WAS AUTHORIZED BY ORDINANCE OR-1709-08.
4. THE PERMANENT SCREENING, LANDSCAPING, AND IRRIGATION FOR PHASE 1 AS SHOWN ON THE LANDSCAPE PLAN SHALL BE INSTALLED WITHIN 120 DAYS FROM THE THIRD AND FINAL READING OF THIS ORDINANCE.
5. THE PERMANENT SCREENING, LANDSCAPING, AND IRRIGATION FOR PHASE 2 AS SHOWN ON THE LANDSCAPE PLAN SHALL BE INSTALLED WITHIN 120 DAYS FROM CONSTRUCTION OF THE PAD EXPANSION.
6. LIMITS OF GRADING, INCLUDING THE REDUCED FRAC POND, SHALL COMPLY WITH THE GRADING PLAN. FINISHED GRADING IS SUBJECT TO CHANGE BASED ON FINAL ENGINEERING DESIGN.

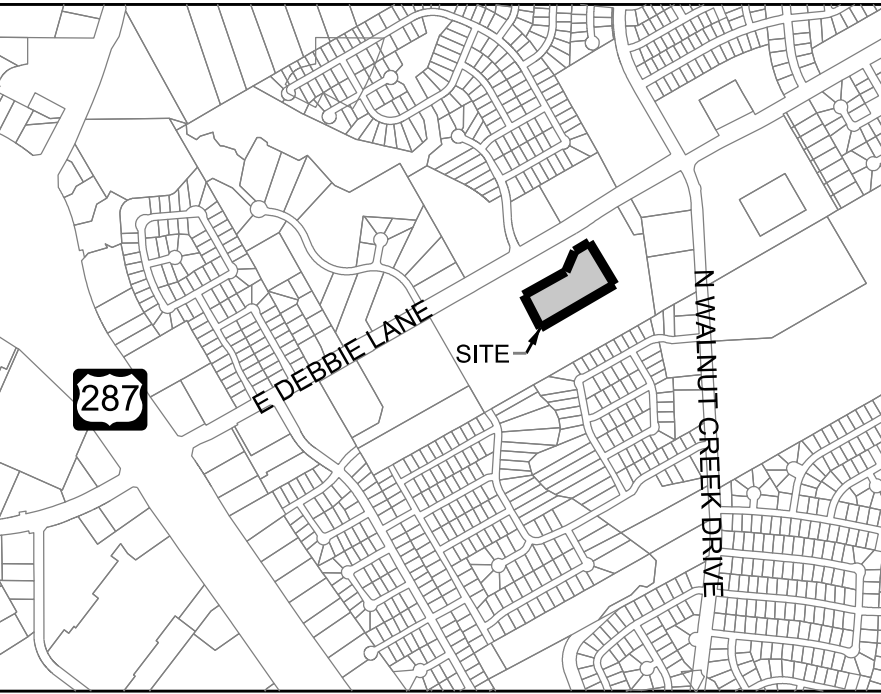
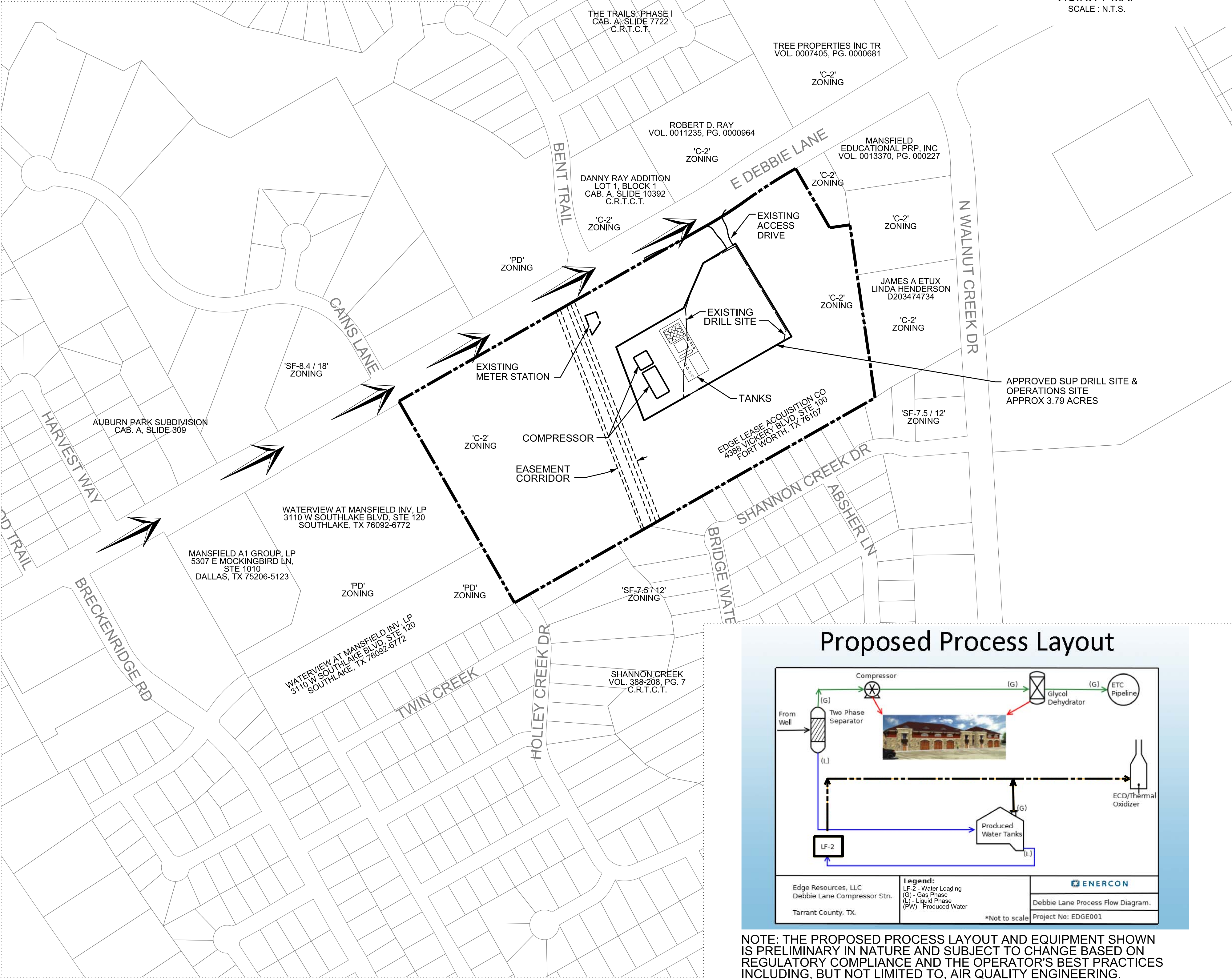
SECTION 2 DECELERATION LANE; DRIVEWAY

1. THE DECELERATION LANE SHOWN ON THE SITE PLAN SHALL BE CONSTRUCTED PRIOR TO THE ISSUANCE OF ANY GAS WELL PERMITS TO DRILL ADDITIONAL WELLS ON THE SITE.
2. THE EXACT SIZE AND LOCATION OF THE PROPOSED DECELERATION LANE IS SUBJECT TO CHANGE BASED ON FINAL ENGINEERING DESIGN.
3. THE WESTERN ACCESS POINT TO THE PAD SITE AUTHORIZED BY ORDINANCE OR-1709-08 IS HEREBY ELIMINATED.
4. A CONCRETE DRIVEWAY TO THE SITE FROM EAST DEBBIE LANE AS SHOWN ON THE LANDSCAPE PLAN SHALL BE CONSTRUCTED PRIOR TO THE ISSUANCE OF ANY GAS WELL PERMITS TO DRILL ADDITIONAL WELLS ON THE SITE.

SECTION 3 – MISCELLANEOUS

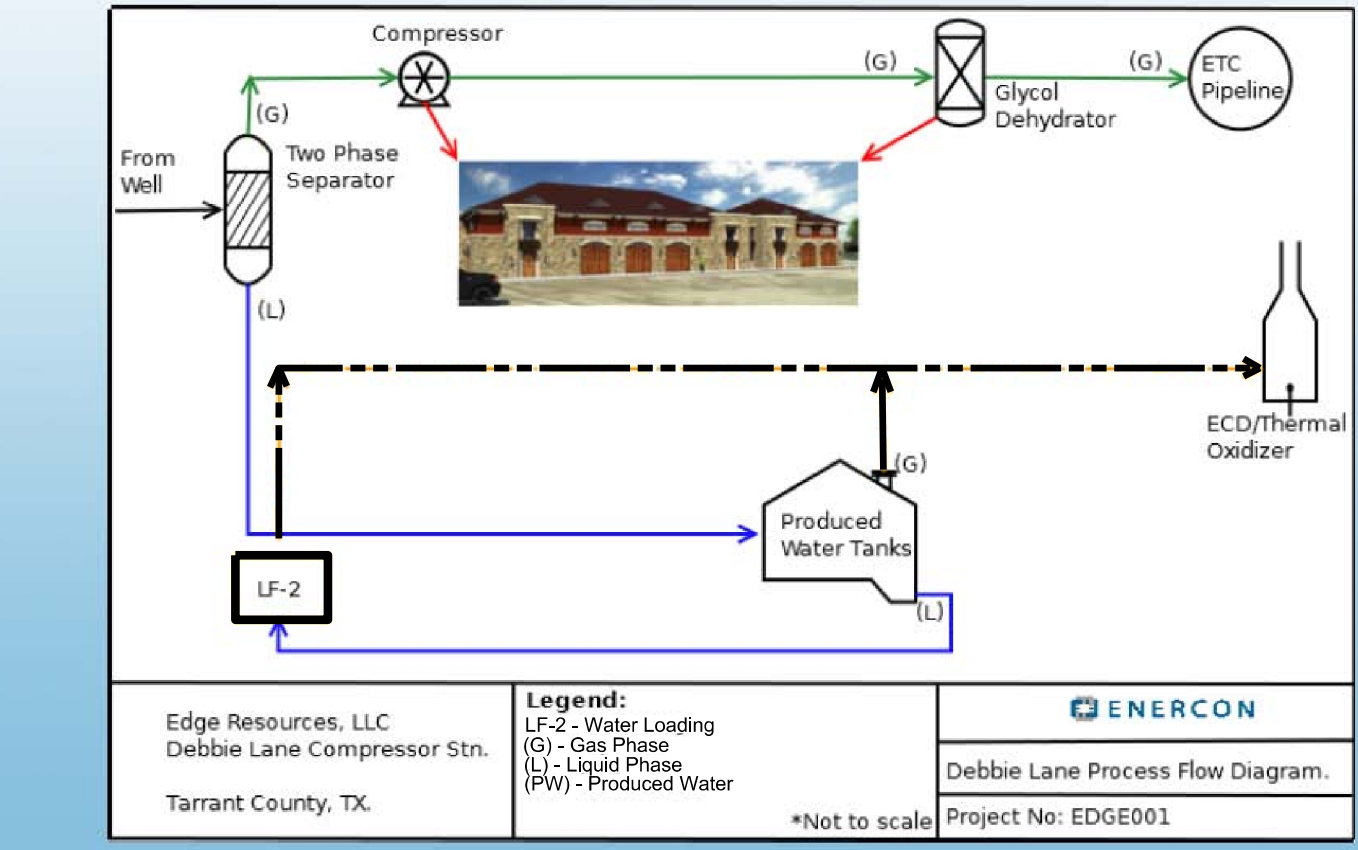
1. THE BUILDING HOUSING THE LINE COMPRESSOR SHALL COMPLY WITH THE ARCHITECTURAL REQUIREMENTS FOR COMMERCIAL BUILDINGS IN THE C-2, COMMUNITY BUSINESS DISTRICT AND SHALL COMPLY WITH THE BUILDING CODE, FIRE CODE AND ALL OTHER APPLICABLE ORDINANCES OF THE CITY.
2. THIS SITE SHALL USE ONLY ELECTRICITY TO POWER THE DRILLING RIG AND PERMANENT COMPRESSORS. A GROUND-MOUNTED TRANSFORMER LOCATED ON THE SITE MUST BE USED. THE CITY MAY APPROVE AN ALTERNATIVE POWER SOURCE OR EQUIPMENT SUCH AS DIESEL GENERATORS IF THE DRILL SITE OR OPERATION SITE IS LOCATED MORE THAN ONE THOUSAND (1,000) FEET FROM A PROPERTY WITH A PROTECTED USE, OR IF THE ELECTRIC DELIVERY UTILITY COMPANY REPORTS THAT THERE IS INSUFFICIENT CAPACITY TO SERVE A DRILL SITE OR OPERATION SITE. AN OPERATOR MAY USE TEMPORARY DIESEL GENERATORS DURING A DISRUPTION OF ELECTRIC SERVICE UNTIL SUCH SERVICE IS RESTORED, PROVIDED THAT NOISE PRODUCED BY SUCH EQUIPMENT DOES NOT EXCEED THE MAXIMUM LIMITS ESTABLISHED FOR THE DRILL SITE OR OPERATION SITE. A VARIANCE TO THE REQUIREMENTS OF THIS PARAGRAPH MAY BE SOUGHT IN ACCORDANCE WITH SECTION 114.21 OF THE MANSFIELD CODE OF ORDINANCES.
3. THIS SITE SHALL BE CONTINUOUSLY MONITORED FOR EXTERIOR NOISE DURING DRILLING, RE-DRILLING OR OTHER OPERATIONS ON THE SITE IN ACCORDANCE WITH CHAPTER 114.13(D)(7) OF THE MANSFIELD CODE OF ORDINANCES. THE CONTINUOUS NOISE MONITORING EQUIPMENT SHALL BE CAPABLE OF WIRELESS TRANSMISSION OF REAL-TIME NOISE AND AUDIO DATA, AND ACCESS TO SUCH DATA SHALL BE MADE AVAILABLE TO THE CITY'S INSPECTORS.
4. NOTICE OF OPERATIONS ON THE DEBBIE LANE UNIT DRILL SITE SHALL BE GIVEN TO THE OWNERS OF PROPERTY WITHIN 1,000 FEET OF THE SITE IN ACCORDANCE WITH CHAPTER 114.12(V)(2) OF THE MANSFIELD CODE OF ORDINANCES.
5. WORKOVER AND FRACTURING OPERATIONS SHALL COMPLY WITH THE HOURS OF OPERATION SET FORTH IN CHAPTER 114.13(D)(4) OF THE MANSFIELD CODE OF ORDINANCES.
6. THIS REAUTHORIZATION ORDINANCE REQUIRES CONVEYANCE OF PROPERTY AS SHOWN ON THE CONVEYANCE EXHIBIT PURSUANT TO DEEDS TO BE RELEASED TO THE CITY ATTORNEY UPON THE THIRD AND FINAL READING OF THIS REAUTHORIZATION ORDINANCE. THESE SATISFY ALL REQUIREMENTS IN ORDINANCE OR-1709-08 FOR DEDICATION OF LAND TO THE CITY WITH THE EXCEPTION OF LAND DIRECTLY SOUTH OF THE PAD SITE BETWEEN THE PAD SITE AND THE PROPOSED LINEAR PARK, WHICH AREA SHALL BE DEDICATED TO THE CITY PURSUANT TO THE TERMS ON NOTE 10 OF THE SITE PLAN ATTACHED TO ORDINANCE OR-1709-08.

7. AT THE TIME OF ISSUANCE OF NEW DRILLING PERMITS, THE DRILLING PERMIT APPLICATION SHALL DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS OF CHAPTER 114, AS AMENDED BY THE CITY COUNCIL OF THE CITY OF MANSFIELD, THAT PERTAIN TO ANY OF THE FOLLOWING TOPICS: SEISMIC PERMITS OR SURVEYS; WELLHEAD PROTECTION AFTER FRACING; STORAGE TANK COMPLIANCE WITH AMERICAN PETROLEUM INSTITUTE SPECIFICATIONS; FINES AND PENALTIES; REPORTING REQUIREMENTS TO THE CITY IN CONNECTION WITH DRILLING, COMPLETION, OR WORKOVER EVENTS; NEIGHBORHOOD MEETING REQUIREMENTS WITH OWNERS OF PROPERTY WITHIN 1,000 FEET OF THE DRILL SITE; ON-SITE, AUTOMATED, OR REMOTE EMERGENCY SHUTDOWN (ESD) REQUIREMENTS; AND WATER WELL TESTING WITHIN ONE-HALF MILE OF THE DRILL SITE IF REQUESTED BY THE WATER WELL OWNER.



VICINITY MAP
SCALE : N.T.S.

Proposed Process Layout



NOTE: THE PROPOSED PROCESS LAYOUT AND EQUIPMENT SHOWN IS PRELIMINARY IN NATURE AND SUBJECT TO CHANGE BASED ON REGULATORY COMPLIANCE AND THE OPERATOR'S BEST PRACTICES INCLUDING, BUT NOT LIMITED TO, AIR QUALITY ENGINEERING.

GREEN LEASE
PAD SITE

MANSFIELD, TX

APPLICANT/OPERATOR:



EDGE RESOURCES OPERATING, L.L.C.
4388 Vickery Boulevard
Suite 100
Fort Worth, TX 76107
Phone: 817-870-0130
Fax: 817-870-0133

EXHIBIT 'A'

PREPARED BY:



5751 KROGER DRIVE
SUITE 185
KELLER, TX 76244
PHONE: 817-562-3350
TEXAS FIRM NO. 12207

PROJECT NO: 10-EDG001

FILE PATH: G:\Job\ 10-EDG001-Debbie\Petro\SUP

DRAWN BY: TCG

REVIEWED BY: AAH/KAK

DATE: NOVEMBER 2014

REV 1:DECEMBER 31, 2014; REV 2:JANUARY 9, 2015

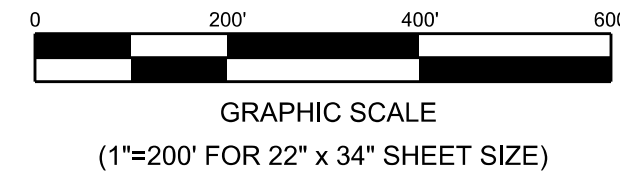
REV 3:JANUARY 19, 2015

LEGEND

- SITE ACCESS / ROUTING
- EXISTING DRILL SITE
- APPROVED SUP DRILL SITE & OPERATIONS SITE



NORTH



GRAPHIC SCALE
(1"=200' FOR 22" x 34" SHEET SIZE)

SUP SITE PLAN -
TRANSPORTATION
ROUTE

SITE PLAN FOR SUP REAUTHORIZATION
GAS WELL DRILLING & PRODUCTION
EDGE BARNETT
OPERATING COMPANY LLC
GREEN LEASE

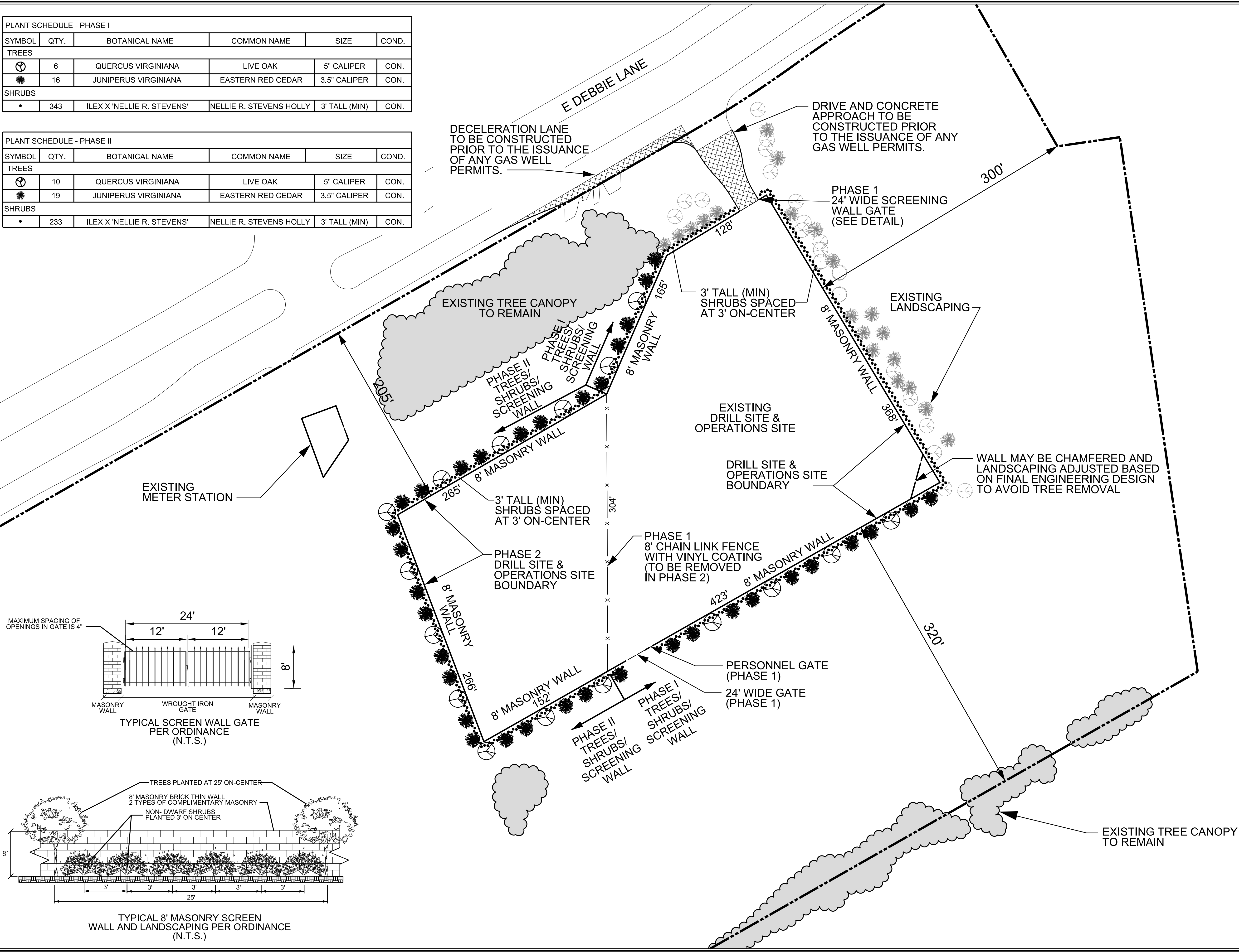
BEING A TRACT OF LAND OUT OF THE
H. MCGEHEE SURVEY, A- 998
CITY OF MANSFIELD
TARRANT COUNTY, TEXAS
NOVEMBER 2014
PAD NO. 36

SHEET NO. 1 OF 5

EXHIBIT "A"

PLANT SCHEDULE - PHASE I					
SYMBOL	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	COND.
TREES					
	6	QUERCUS VIRGINIANA	LIVE OAK	5" CALIPER	CON.
	16	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	3.5" CALIPER	CON.
SHRUBS					
	343	ILEX X 'NELLIE R. STEVENS'	NELLIE R. STEVENS HOLLY	3' TALL (MIN)	CON.

PLANT SCHEDULE - PHASE II					
SYMBOL	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	COND.
TREES					
	10	QUERCUS VIRGINIANA	LIVE OAK	5" CALIPER	CON.
	19	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	3.5" CALIPER	CON.
SHRUBS					
	233	ILEX X 'NELLIE R. STEVENS'	NELLIE R. STEVENS HOLLY	3' TALL (MIN)	CON.



GREEN LEASE PAD SITE

MANSFIELD, TX

APPLICANT/OPERATOR:



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REV 3:JANUARY 19, 2015

LEGEND

- x — EXISTING 8' HIGH CHAIN LINK FENCE
- PROPOSED 8' MASONRY WALL/ DRILL SITE BOUNDARY
- EXISTING LANDSCAPING
- PROPOSED LANDSCAPING
- EXISTING TREE CANOPY TO REMAIN
- PROPOSED DECELERATION LANE & CONCRETE DRIVE APPROACH



NORTH



GRAPHIC SCALE

(1"=50' FOR 22" x 34" SHEET SIZE)

LANDSCAPE AND SCREENING/ DRIVEWAY PAVING EXHIBIT

SITE PLAN FOR SUP REAUTHORIZATION
GAS WELL DRILLING & PRODUCTION
EDGE BARNETT
OPERATING COMPANY LLC
GREEN LEASE

BEING A TRACT OF LAND OUT OF THE
H. MCGEEHEE SURVEY, A- 998
CITY OF MANSFIELD,
TARRANT COUNTY, TEXAS
NOVEMBER 2014
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GREEN LEASE
PAD SITE

MANSFIELD, TX

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REV 3: JANUARY 19, 2015

LEGEND

- PROPOSED PAD SITE LOCATION
- SURFACE FLOW ARROW
- DRAINAGE SWALE

FINISHED GRADING IS SUBJECT
TO CHANGE BASED ON FINAL
ENGINEERING DESIGN.



GRAPHIC SCALE
(1"=50' FOR 22" x 34" SHEET SIZE)

GRADING
EXHIBIT

SITE PLAN FOR SUP REAUTHORIZATION
GAS WELL DRILLING & PRODUCTION
EDGE BARNETT
OPERATING COMPANY LLC
GREEN LEASE

BEING A TRACT OF LAND OUT OF THE
H. MCGEHEE SURVEY, A- 998
CITY OF MANSFIELD,
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PAD NO. 36

GREEN LEASE
PAD SITE

MANSFIELD, TX

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REV 3:JANUARY 19, 2015

LEGEND



APPROVED SUP DRILL SITE
& OPERATIONS SITE



AREA TO BE CONVEYED
TO THE CITY OF MANSFIELD
FOR DRAINAGE PURPOSES



AREA TO BE CONVEYED
TO THE CITY OF MANSFIELD
AS RIGHT-OF-WAY



30' WIDE PARK/TRAIL AREA
TO BE CONVEYED TO THE
CITY OF MANSFIELD



NORTH



GRAPHIC SCALE

(1"=100' FOR 22" x 34" SHEET SIZE)

CONVEYANCE
EXHIBIT

SITE PLAN FOR SUP REAUTHORIZATION
GAS WELL DRILLING & PRODUCTION
EDGE BARNETT
OPERATING COMPANY LLC
GREEN LEASE

BEING A TRACT OF LAND OUT OF THE
H. MCGEHEE SURVEY, A- 998
CITY OF MANSFIELD,
TARRANT COUNTY, TEXAS
NOVEMBER 2014
PAD NO. 36

SHEET NO. 4 OF 5

ROBERT D. RAY
VOL. 0011235, PG. 0000964

MANSFIELD
EDUCATIONAL PRP, INC
VOL. 0013370, PG. 000227

DANNY RAY ADDITION
LOT 1, BLOCK 1
CAB. A, SLIDE 10392
C.R.T.C.T.

MANSFIELD
EDUCATIONAL PRP, INC
VOL. 0013370, PG. 000227

JAMES A ETUX
LINDA HENDERSON
D203474734

EDGE LEASE ACQUISITION CO
4388 VICKERY BLVD, STE 100
FORT WORTH, TX 76107

THE TRAILS, PHASE I & II
LOT 84X-R
BLOCK 3
(PRIVATE COMMON AREA)
CAB. A, SLIDE 9087
C.R.T.C.T.

E DEBBIE LANE

AREA TO BE CONVEYED TO
THE CITY OF MANSFIELD AS
RIGHT-OF-WAY APPROX - 0.06 AC

20' PIPELINE
EASEMENT

15' UTILITY EASEMENT
VOL. 7297, PG. 543

15' SANITARY
SEWER EASEMENT
VOL. 8039, PG. 1653

40' TEXAS UTILITIES
FUEL CO. EASEMENT
VOL. 7963, PG. 365

VARIABLE WIDTH
PERMANENT UTILITY
EASEMENT
D208051847

AREA TO BE CONVEYED TO
THE CITY OF MANSFIELD FOR
DRAINAGE PURPOSES APPROX - 13.82 AC

30' WIDE PARK/TRAIL AREA
TO BE CONVEYED TO THE CITY OF
MANSFIELD APPROX - 0.97 AC

WATERVIEW AT MANSFIELD INV, LP
3110 W SOUTHLAKE BLVD, STE 120
SOUTHLAKE, TX 76092-6772

WATERVIEW AT MANSFIELD INV, LP
3110 W SOUTHLAKE BLVD, STE 120
SOUTHLAKE, TX 76092-6772

SHANNON CREEK
VOL. 388-208, PG. 7
C.R.T.C.T.

SHANNON CREEK DR

ABSHER LN

BRIDGE WATER LN

TWIN CREEK

HOLLEY
CREEK DR

N WALNUT CREEK DR

FRAC POND AREA

APPROVED
SUP DRILL SITE
& OPERATIONS SITE
APPROX 3.79 ACRES

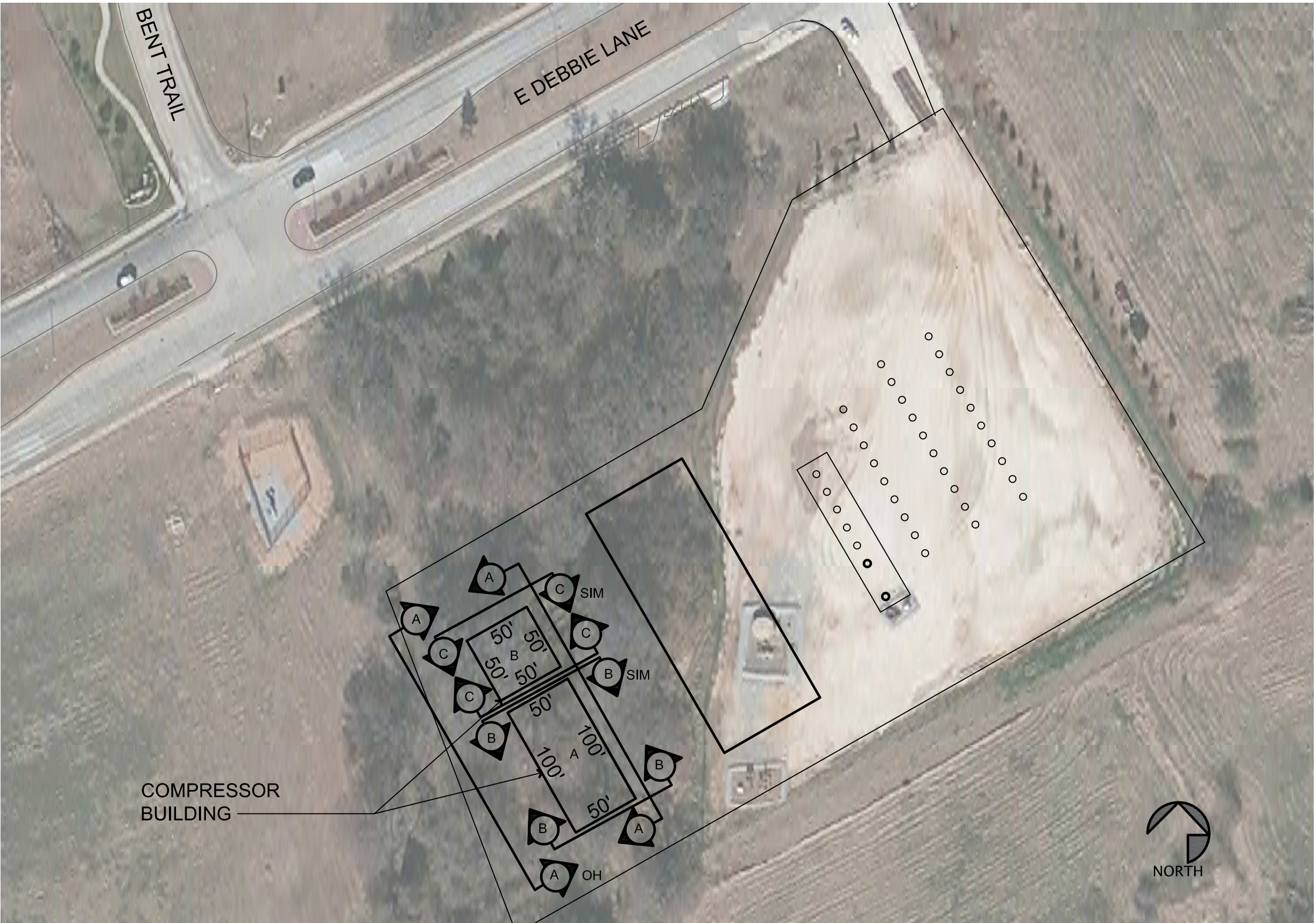
20' PIPELINE EASEMENT
TO BE ABANDONED WITH
PHASE 2 PAD EXPANSION

10' LANDSCAPE
STRIP

300'



VIEW OF BUILDING EAST FACADE



SITE PLAN
NOT TO SCALE



ELEVATION A-A' (EAST)
SCALE 3/32" = 1'-0"

WEST ELEVATION WILL BE MIRROR IMAGE OF EAST ELEVATION WITH SAME EXTERIOR FINISH MATERIAL.



ELEVATION B-B' (SOUTH)
SCALE 3/32" = 1'-0"

ELEVATIONS ARE PRELIMINARY ILLUSTRATION OF THE GENERAL DESIGN APPROACH. THEY ARE SUBJECT TO DESIGN / ENGINEERING, CONSTRUCTION MODIFICATIONS AND CLARIFICATIONS AS THE DESIGN OF THE FACILITY PROGRESSES.



ELEVATION C-C' (NORTH)
SCALE 3/32" = 1'-0"

EXTERIOR MASONRY CONSTRUCTION MATERIAL CALCULATIONS

BUILDING A (100' X 50')

TOTAL EXTERIOR SURFACES WALL AREA
LESS PENETRATIONS, AWNINGS, CANOPIES, DOORS AND
WINDOWS (ZONING ORDINANCE C-2, 4600-1)

5,554 SF

MASONRY CONSTRUCTION AREA - PERCENTAGE (STONE VENEER)

3,988 SF (72 %)

MASONRY-LIKE CONSTRUCTION AREA - PERCENTAGE (STUCCO)

1,555 SF (28 %)

BUILDING B (50'X50')

TOTAL EXTERIOR SURFACES WALL AREA
LESS PENETRATIONS, AWNINGS, CANOPIES, DOORS AND
WINDOWS (ZONING ORDINANCE C-2, 4600-1)

3,848 SF

MASONRY CONSTRUCTION AREA - PERCENTAGE (STONE VENEER)

2,732 SF (71 %)

MASONRY-LIKE CONSTRUCTION AREA - PERCENTAGE (STUCCO)

1,116 SF (29 %)



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4388 VICKERY BOULEVARD SUITE 100
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GREEN LEASE PAD SITE COMPRESSOR BUILDING

Mansfield, Texas

11.24.2014

SHEET NO. 5 OF 5



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