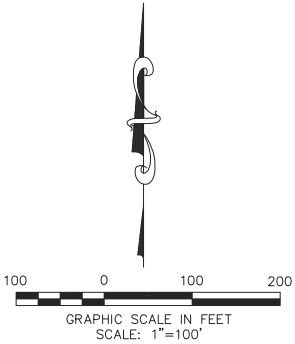


LOCATION MAP



INDICATES COMMON OPEN SPACE AREAS

GENERAL NOTES:

1. "S.W.E." IS THE ABBREVIATION FOR SCREENING WALL EASEMENT, "W.E." IS THE ABBREVIATION FOR WATER EASEMENT, "S.V.E." IS THE ABBREVIATION FOR SITE VISIBILITY EASEMENT, "U.E." IS THE ABBREVIATION FOR UTILITY EASEMENT, "B.L." IS THE ABBREVIATION FOR BUILDING LINE, "L.E." IS THE ABBREVIATION FOR LANDSCAPE EASEMENT, "D.E." IS THE ABBREVIATION FOR DRAINAGE EASEMENT, "D.W.E." IS THE ABBREVIATION FOR DRAINAGE AND WATER EASEMENT, "S.E." IS THE ABBREVIATION FOR SEWER EASEMENT, "A.S.E." IS THE ABBREVIATION FOR ACCESS SIDEWALK EASEMENT, "C.O.S." IS THE ABBREVIATION FOR COMMON OPEN SPACE, "P.O.S." IS THE ABBREVIATION FOR PUBLIC OPEN SPACE, AND "T.E." IS THE ABBREVIATION FOR TRAIL EASEMENT.
2. NATIVE, DROUGHT TOLERANT LANDSCAPING WILL BE PROVIDED IN CUL-DE-SAC ISLANDS UNLESS OTHERWISE NOTED.
3. ALL FENCES THAT ADJOIN AN OPEN SPACE AREA SHALL BE EITHER MASONRY, WROUGHT IRON, OR THE SAME BOARD-ON-BOARD DESIGN USED ALONG THE COTTONBELT TRAIL (6' MINIMUM HEIGHT). ANY BOARD-ON-BOARD FENCE CONSTRUCTED ADJACENT TO AN OPEN SPACE, THE COTTONBELT TRAIL OR PRESTIGE AMERITECH, ETC. SHALL HAVE THE FINISHED SIDE FACING OUT. IN OTHER WORDS, NO POLES ON THE EXTERIOR SIDE OF THE FENCE.

SIDEWALK AND FENCE PLAN

"Place"
Cambridge Addition

AN ADDITION TO THE CITY OF NORTH RICHLAND HILLS, TARRANT COUNTY, TEXAS
BEING A REPLAT OF LOT 5R1B, BLOCK 1, NRH INDUSTRIAL PARK
AND BEING SITUATED IN THE J.C. YATES SURVEY, ABSTRACT NO. 1753

APRIL 2017 60 RESIDENTIAL LOTS 17.397 ACRES
1 COMMON OPEN SPACE LOTS
1 GAS VALVE LOT
1 COTTONBELT TRAIL LOT

OWNER/DEVELOPER:

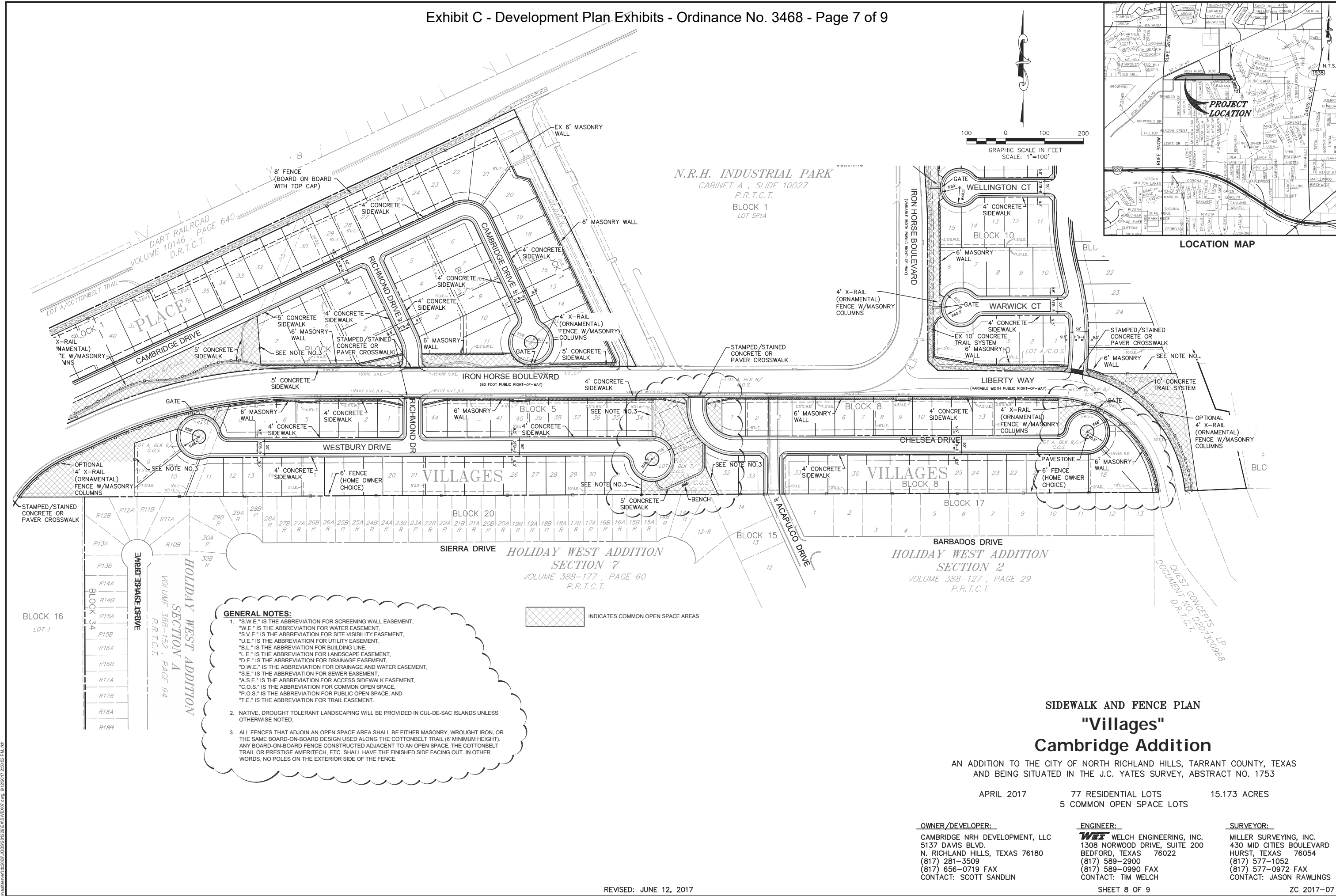
CAMBRIDGE NRH DEVELOPMENT, LLC
5137 DAVIS BLVD.
N. RICHLAND HILLS, TEXAS 76180
(817) 281-3509
(817) 656-0719 FAX
CONTACT: SCOTT SANDLIN

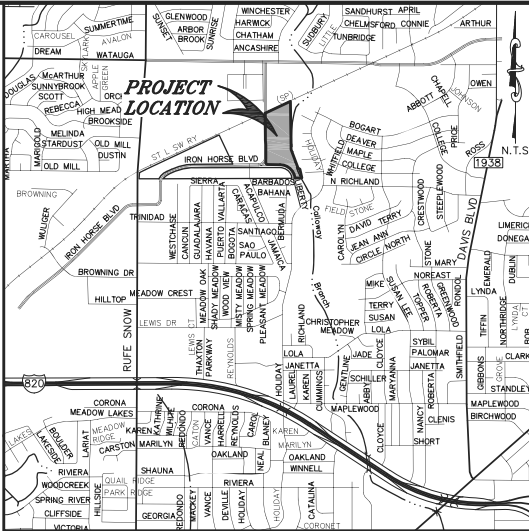
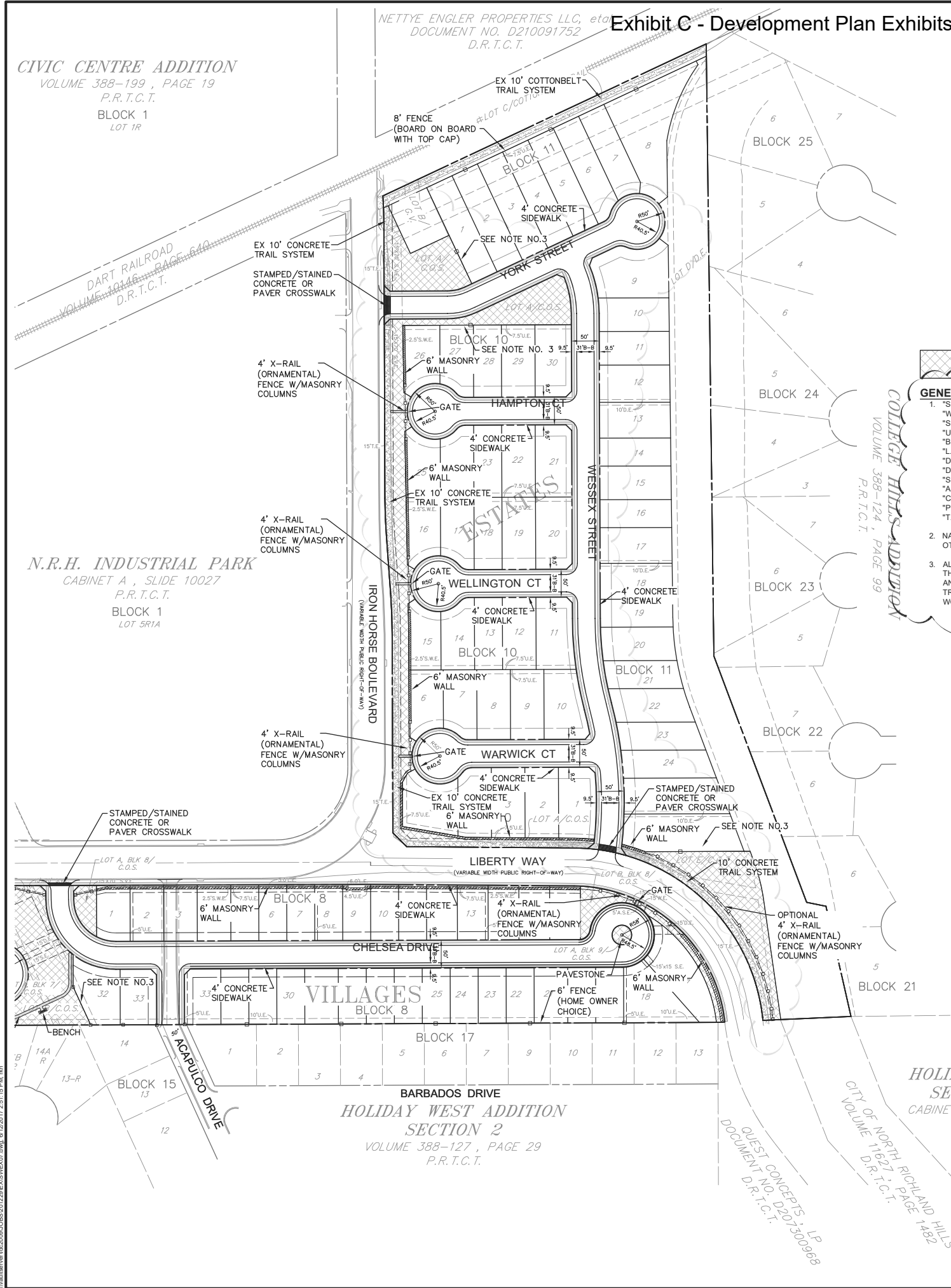
ENGINEER:

WELCH ENGINEERING, INC.
1308 NORWOOD DRIVE, SUITE 200
BEDFORD, TEXAS 76022
(817) 589-2900
(817) 589-0990 FAX
CONTACT: TIM WELCH

SURVEYOR:

MILLER SURVEYING, INC.
430 MID CITIES BOULEVARD
HURST, TEXAS 76054
(817) 577-1052
(817) 577-0972 FAX
CONTACT: JASON RAWLINGS





LOCATION MAP

INDICATES COMMON OPEN SPACE AREAS
AND/OR COTTONBELT TRAIL SYSTEM

GENERAL NOTES:

- "S.W.E." IS THE ABBREVIATION FOR SCREENING WALL EASEMENT, "W.E." IS THE ABBREVIATION FOR WATER EASEMENT, "S.V.E." IS THE ABBREVIATION FOR SITE VISIBILITY EASEMENT, "U.E." IS THE ABBREVIATION FOR UTILITY EASEMENT, "B.L." IS THE ABBREVIATION FOR BUILDING LINE, "L.E." IS THE ABBREVIATION FOR LANDSCAPE EASEMENT, "D.E." IS THE ABBREVIATION FOR DRAINAGE EASEMENT, "D.W.E." IS THE ABBREVIATION FOR DRAINAGE AND WATER EASEMENT, "S.E." IS THE ABBREVIATION FOR SEWER EASEMENT, "A.S.E." IS THE ABBREVIATION FOR ACCESS SIDEWALK EASEMENT, "C.O.S." IS THE ABBREVIATION FOR COMMON OPEN SPACE, "P.O.S." IS THE ABBREVIATION FOR PUBLIC OPEN SPACE, AND "T.E." IS THE ABBREVIATION FOR TRAIL EASEMENT.
- NATIVE, DROUGHT TOLERANT LANDSCAPING WILL BE PROVIDED IN CUL-DE-SAC ISLANDS UNLESS OTHERWISE NOTED.
- ALL FENCES THAT ADJOIN AN OPEN SPACE AREA SHALL BE EITHER MASONRY, WROUGHT IRON, OR THE SAME BOARD-ON-BOARD DESIGN USED ALONG THE COTTONBELT TRAIL (6" MINIMUM HEIGHT). ANY BOARD-ON-BOARD FENCE CONSTRUCTED ADJACENT TO AN OPEN SPACE, THE COTTONBELT TRAIL OR PRESTIGE AMERITECH, ETC. SHALL HAVE THE FINISHED SIDE FACING OUT. IN OTHER WORDS, NO POLES ON THE EXTERIOR SIDE OF THE FENCE.

SIDEWALK AND FENCE PLAN
"Estates"
Cambridge Addition

AN ADDITION TO THE CITY OF NORTH RICHLAND HILLS, TARRANT COUNTY, TEXAS
AND BEING SITUATED IN THE J.C. YATES SURVEY, ABSTRACT NO. 1753

APRIL 2017 56 RESIDENTIAL LOTS 19.135 ACRES
3 COMMON OPEN SPACE LOTS
1 DRAINAGE LOT
1 GAS VALVE LOT
1 COTTONBELT TRAIL LOT

OWNER/DEVELOPER:

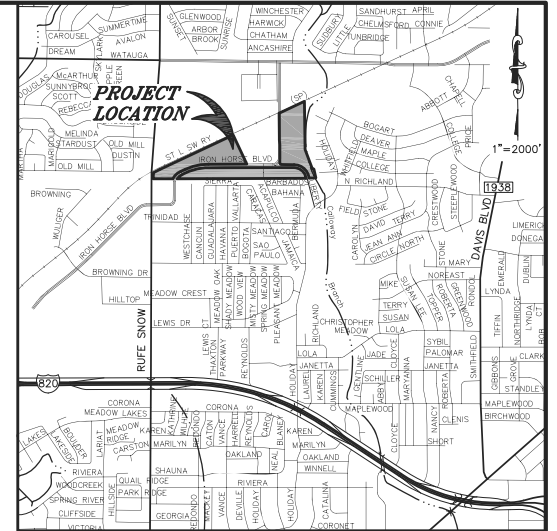
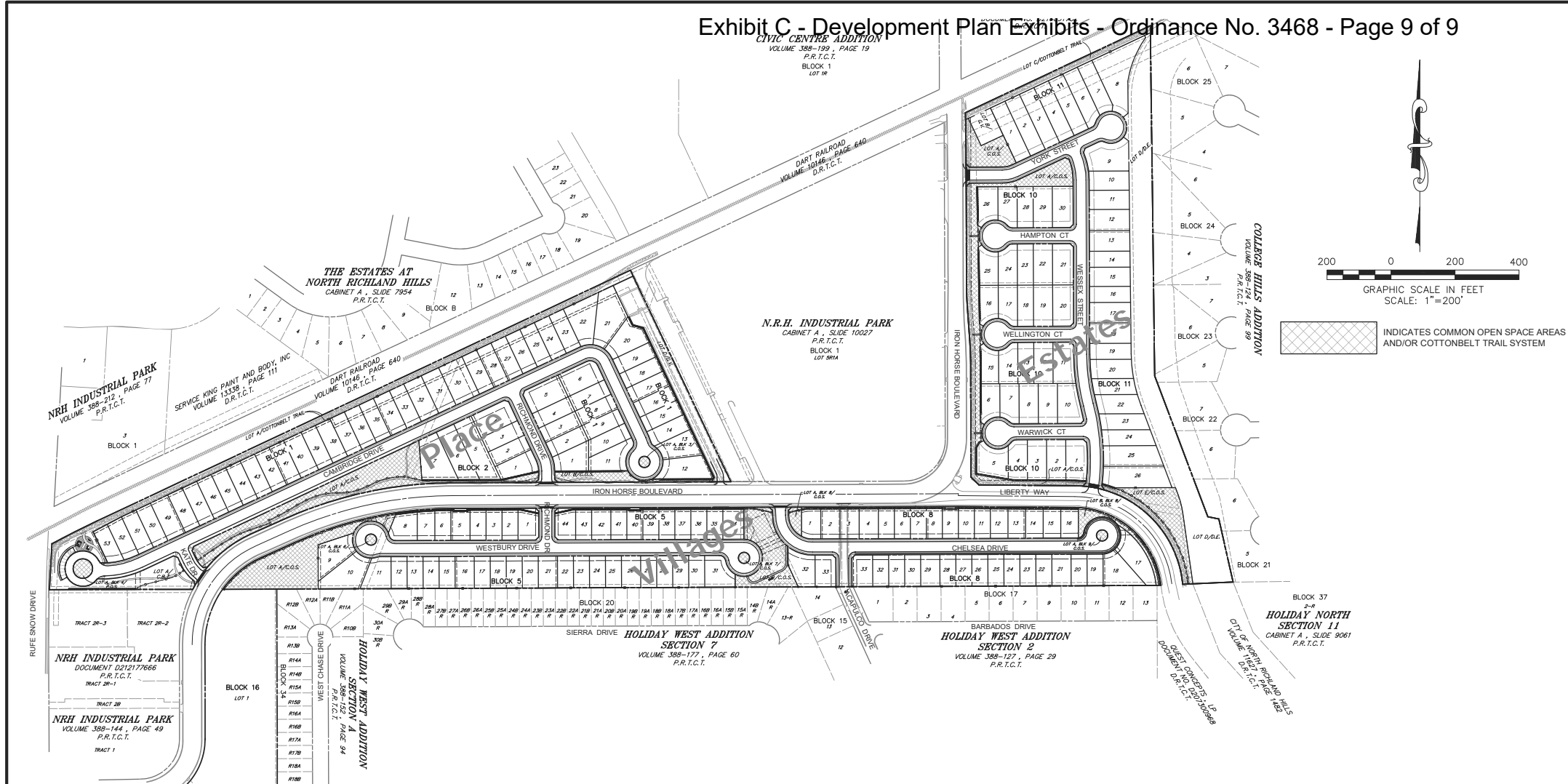
CAMBRIDGE NRH DEVELOPMENT, LLC
5137 DAVIS BLVD.
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(817) 281-3509
(817) 656-0719 FAX
CONTACT: SCOTT SANDLIN

ENGINEER:

WET WELCH ENGINEERING, INC.
1308 NORWOOD DRIVE, SUITE 200
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(817) 589-0990 FAX
CONTACT: TIM WELCH

SURVEYOR:

MILLER SURVEYING, INC.
430 MID CITIES BOULEVARD
HURST, TEXAS 76054
(817) 577-1052
(817) 577-0972 FAX
CONTACT: JASON RAWLINGS



LOCATION MAP



PRESTAINED CEDAR BOARD-ON-BOARD FENCE WITH TOP SIDE STRIP, TOP CAP, AND PRESSURE-TREATED KICKBOARD

SPECIFICATIONS AND NOTES:

GENERAL NOTES:

1. PRODUCT TO BE MANUFACTURED BY HARK CONSTRUCTION.
2. SCREENING WALL IS TO BE ERECTED ENTIRELY ON THE PROJECT PROPERTY.
3. COLOR: TO ACHIEVE THE FINAL EFFECT OF REAL STONE, VERTI-CRETE WALLS ARE COLORED WITH A WATER-BASED ACRYLIC STRUCTURAL CONCRETE PAINT DESIGNED FOR SUPERIOR PENETRATION. THE PAINT IS SPECIFICALLY FORMULATED TO ENSURE MOISTURE PROOFING, COLOR STABILITY, AND ULTRAVIOLET RESISTANCE.

CONCRETE:

1. CONCRETE MATERIALS:

- A. CONCRETE SHALL BE NORMAL WEIGHT CONCRETE HAVING SAND AND GRAVEL OR CRUSHED STONE AGGREGATE, MIXED WITH ASTM-C800 TYPE I OR II PORTLAND CEMENT TO MEET THE MINIMUM COMPRESSIVE STRENGTH AS FOLLOWS:
 - PANELS & POSTS: 4000 PSI @ 28 DAYS
 - FOOTINGS & PIERS: 5000 PSI @ 28 DAYS
- B. WATER USED FOR CONCRETE SHALL BE CLEAN WATER AND FREE FROM CONTAMINANTS SUCH AS OILS, ACIDS, ALKALIS, ORGANICS OR OTHER HARMFUL SUBSTANCES.
- C. ALL CONCRETE PERMANENTLY EXPOSED TO THE WEATHER SHALL CONTAIN AN AIR-ENTRAPPING ADMIXTURE RESULTING IN 8 TO 6 PERCENT ENTRAINMENT AIR OR AS RECOMMENDED BY THE MANUFACTURER OR SPECIFIED BY THE CONTRACTOR.

2. CONCRETE WORKMANSHIP:

- A. FRESH POURED CONCRETE SHALL BE TAMPED INTO PLACE USING STEEL RAMMER, SLICING TOOLS, OR MECHANICAL VIBRATOR UNTIL CONCRETE IS THOROUGHLY COMPACT AND WITHOUT VOID.
- B. EXCAVATION FOR FOOTING SHALL BE ON UNDISTURBED SOIL OR TO THE DEPTH NOTED ON THE DRAWINGS. LEAVE THE BOTTOM BEARING SURFACE CLEAN AND SMOOTH. IF THE FOOTING EXCAVATIONS ARE MADE DEEPER THAN INTENDED, ONLY CONCRETE SHALL BE USED FOR FILL. REMOVE ALL LOOSE MATERIAL FROM EXCAVATIONS PRIOR TO CONCRETE POUR.

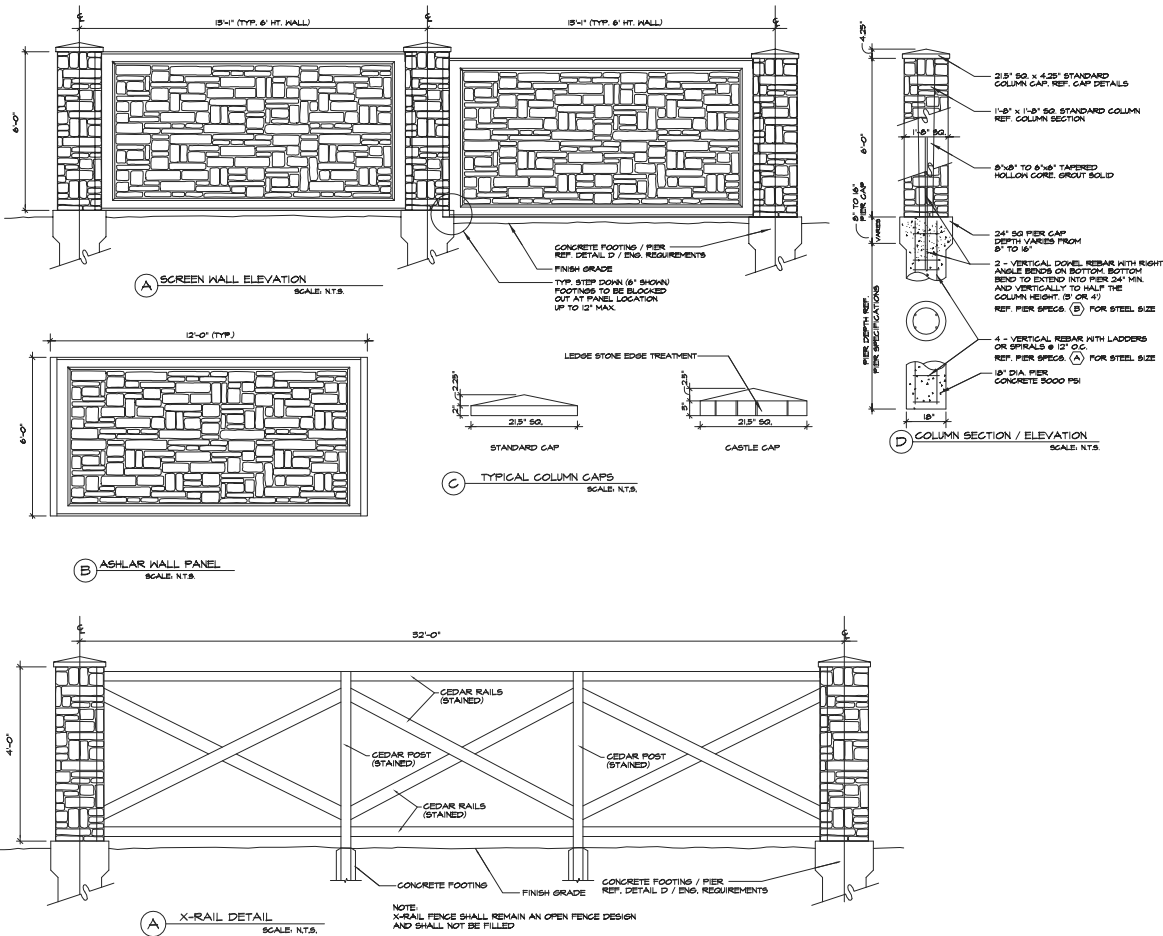
REINFORCEMENT:

1. REINFORCING MATERIALS:

- A. DEFORMED TYPE BARS SHALL CONFORM TO ASTM-A 615, GRADE 60 PLACED AS SHOWN ON THE DRAWINGS.
- B. STEEL REINFORCING WIRE SHALL MEET U.S. STEEL WIRE GAUGE, ASTM-A 92, 1/4" x 60,000 PSI MIN.
- C. ALL TIES AND STIRRUPS SHALL CONFORM TO THE REQUIREMENTS OF ASTM-A 615, GRADE 40.

2. REINFORCING WORKMANSHIP:

- A. REINFORCEMENT STEEL SHALL BE FABRICATED IN ACCORDANCE WITH THE CRSI STANDARD DETAIL. REINFORCING BARS SHALL BE COLD BENT ONLY. USE OF HEAT TO BEND REINFORCEMENT STEEL SHALL BE CAUSE FOR REJECTION.
- B. REINFORCEMENT STEEL BARS AND WIRE FABRIC SHALL BE THOROUGHLY CLEANED BEFORE PLACEMENT AND SHALL BE ACCURATELY POSITIONED AND SECURED IN PLACE. NO BRIGGS, PILES OR PORTLAND MATERIALS MAY BE USED TO SUPPORT THE STEEL OFF THE GROUND.
- C. INSTALL ALL REINFORCEMENT WITH THE FOLLOWING CLEARANCE BETWEEN REINFORCING STEEL AND FACE OF CONCRETE:
 1. FOOTING, PIER OR BEAM BOTTOM (3")
 2. EARTH FORMED PIER OR BEAM SIDE (3")
 3. FORMED FOOTING, PIER OR BEAM BOTTOM, EXPOSED (1")
 4. PRECAST PANELS EXPOSED TO WEATHER (3/4")
 5. PRECAST PANELS EXPOSED TO WEATHER (1 1/4")
- D. SPLICES WITHIN CONTINUOUS UNSCHEDULED REINFORCING STEEL SHALL HAVE A MINIMUM LAP OF 50 BAR DIAMETERS.



SIDEWALK AND FENCE PLAN

Cambridge Addition

AN ADDITION TO THE CITY OF NORTH RICHLAND HILLS, TARRANT COUNTY, TEXAS
A PORTION BEING A REPLAT OF LOT 5R1B, BLOCK 1, NRH INDUSTRIAL PARK
AND BEING SITUATED IN THE J.C. YATES SURVEY, ABSTRACT NO. 1753

APRIL 2017	193 RESIDENTIAL LOTS	51.705 ACRES
	14 COMMON OPEN SPACE LOTS	
	1 DRAINAGE LOT	
	2 GAS VALVE LOTS	
	2 COTTONBELT TRAIL LOTS	

OWNER/DEVELOPER:

CAMBRIDGE NRH DEVELOPMENT, LLC
5137 DAVIS BLVD.
N. RICHLAND HILLS, TEXAS 76180
(817) 281-3509
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CONTACT: SCOTT SANDLIN

ENGINEER:

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