Branch Creek Crossing

Rezoning Request Franklin, Williamson County, Tennessee Tax Map 53 & Parcels 75.00 & 75.01

Owner: Kevin Belew

Great Tennessee Land Company, LLC

642 Hampstead Lane Ann Arbor, MI 48103

kbelew@batterseapartners.com

Architect Paul Bass

B-3 Studios

1587 Mallory Ln. Suite 175 Brentwood, TN 37027

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Engineer/ Tim Turner Applicant: Blake Turner

> 7010 Sharondale Ct. Brentwood, TN 37027

615-678-8212 blake@t2-eng.com

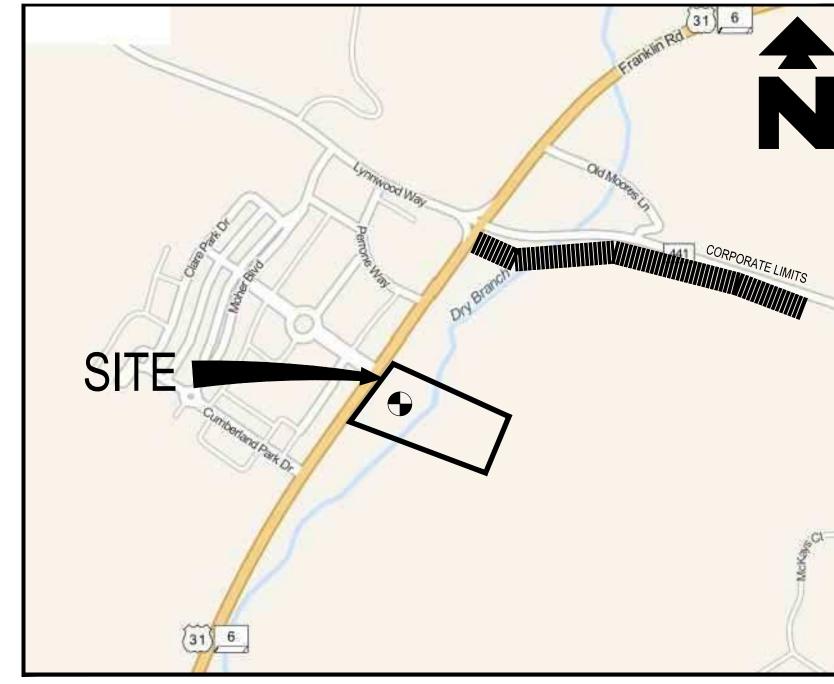
TOPOGRAPHIC BOUNDARY SURVEY, INCLUDING PROPERTY LINES, LEGAL DESCRIPTION, EXISTING UTILITIES, SITE TOPOGRAPHY WITH SPOT ELEVATIONS, OUTSTANDING PHYSICAL FEATURES AND EXISTING STRUCTURE LOCATIONS WAS PROVIDED BY OTHERS. TSQUARE ENGINEERING AND ITS ASSOCIATES WILL NOT BE HELD RESPONSIBLE FOR ITS ACCURACY OR FOR DESIGN ERRORS OR OMISSIONS RESULTING FROM POTENTIAL SURVEY INACCURACIES.

DETENTION AGREEMENT # ______

TDEC NOTICE OF COVERAGE - TNR#

EROSION CONTROL SPECIALIST -

MOBILE (24HR) PHONE # (---) - -----



VICINITY MAP

MODIFICATION OF STANDARDS REQUESTED

THE MODIFICATION OF STANDARD REQUESTED IS THE LOADING AREA TO BE LOCATED TO THE SIDE OF THE GARAGE AND TOPOGRAPHY BEHIND THE CONDOMINIUM BUILDING

2) CITY OF FRANKLIN ZONING ORDINANCE SECTION 5.3.6.10.A.I REQUIRES NO OFF-STREET SURFACE PARKING TO BE LOCATED BETWEEN A BUILDING WALL CONTAINING THE PRIMARY ENTRANCE AND THE PRIMARY STREET THE BUILDING FRONTS FOR A NON-RESIDENTIAL OR MIXED-USE STRUCTURE IN A TRADITIONAL AREA. THE MODIFICATION OF STANDARD REQUESTED IS A 95 FOOT SETBACK FROM THE BUILDING WALL CONTAINING THE PRIMARY ENTRANCE AND THE PRIMARY STREET THE BUILDING FRONTS DUE TO THE EXISTING UNDERGROUND UTILITIES AND UTILITY EASEMENTS IN THE AREA.

3) FRANKLIN ROAD (STATE ROUTE 6, US 31) IS FUNCTIONALLY CLASSIFIED BY THE CITY O PROPOSED SITE PLAN SHOWS ACCESS TO FRANKLIN ROAD AS THE FOURTH LEG OF THE EXISTING INTERSECTION OF FRANKLIN ROAD AND DAVENPORT BOULEVARD. DAVENPORT BOULEVARD CURRENTLY SERVES AS THE PRIMARY ENTRANCE TO THE EXISTING GATEWAY DEVELOPMENT.

THE TRAFFIC ANALYSIS WAS BROKEN DOWN INTO THREE (3) SEPARATE PHASES. EACH STUDY AREA, PHASE I ANALYZED THE BUILD-OUT IMPACTS OF THE BRANCH CREEK CROSSING DEVELOPMENT. PHASE 2 ANALYZED THE BUILD-OUT IMPACTS OF THE PROPOSED ADDITIONS 7 THE GATEWAY DEVELOPMENT AND THE BRANCH CREEK CROSSING DEVELOPMENT. ANALYZED THE CAPACITY IMPROVEMENTS PROJECTED FROM THE COMPLETION OF THE FUTURI TDOT FRANKLIN ROAD WIDENING PROJECT WITH THE GENERATED TRAFFIC VOLUMES FROM THI DEVELOPMENTS ADDED TO THE ROADWAY NETWORK

THE TRAFFIC ANALYSIS PROVIDED INDICATES THAT THE IMPACTS ON THE EXISTING ROADWAY NETWORK WILL BE MANAGEABLE WITH THE PHASED RECOMMENDATIONS PROVIDED BELOW. THESE RECOMMENDATIONS WILL PROVIDE SAFE AND EFFICIENT TRAFFIC OPERATIONS AT THE INTERSECTIONS WITHIN THE VICINITY OF THE PROPOSED DEVELOPMENT

SHEET SCHEDULE

C-0.0 COVER SHEET

A-400 EXTERIOR ELEVATIONS

A-400 EXTERIOR ELEVATIONS

C-1.0 SITE DEVELOPMENT PLAN

△ C-1.1 SITE PHASING PLAN

C-2.0 EXISTING CONDITIONS PLAN

C-3.0 SITE LAYOUT PLAN

C-4.0 EMERGENCY VEHICLE TURNING PLAN

C-5.0 GRADING AND DRAINAGE PLAN

C-6.0 STORMWATER MANAGEMENT PLAN

△ C-6.1 OFFSITE DRAINAGE AREA PLAN

C-7.0 UTILITY PLAN

C-8.0 TREE PROTECTION PLAN

STREAMSIDE BUFFER ENHANCEMENT

ENHANCEMENT SHALL INCLUDE REMOVAL OF INVASIVE SPECIES AND THE RE-ESTABLISHMENT OF NATIVE SPECIES WHICH PROVIDES A MIX OF CANOPY TREES, UNDERSTORY SHRUBS, AND A NATIVE SEED MIX OF FORBES/GRASSES/SEDGES/RUSHES SUITABLE FOR A MOIST SHADED UNDERSTORY ALONG THE BANKS OF DRY BRANCH CREET.

THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION, STORAGE OR DISTURBANCE OF VEGETATION ALLOWED IN THE 30' RIPARIAN ZONE 1 OR 30' RIPARIAN ZONE 2 STREAM BUFFER EXCEPT AS PERMITTED BY THE

ENHANCEMENT SHALL BE ABOVE THE NORMAL HIGH WATER MARK ONLY, AND SHALL BE BETWEEN THE NORMAL HIGH WATER MARK WITHIN THE 60

FEES IN LIEU ARE REQUESTED FOR PARKLAND DEDICATION

35 UNITS X 1,200 SF = 42,000 SF 13 UNITS X 600 SF = 7,800 SF 42,000 SF + 7,800 SF = 49,800 SF OR 1.14 ACRES FEES SHALL BE PAID AT FINAL PLAT STAGE

THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION, STORAGE, OR DISTURBANCE OF VEGETATION ALLOWED IN THE STREAM BUFFER EXCEPT PERMITTED BY THE CITY ENGINEER.

A PORTION OF THIS PROPERTY IS LOCATED WITHIN AN AREA ZONE AE AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 47187C0205F, DATED SEPTEMBER 29, 2006 AND A PORTION OF THE PROPERTY IS LOCATED WITHIN AND AREA ZONE X AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP. COMMUNITY PANEL NO. 47187C0205F DATED SEPTEMBER 29, 2006

SITE REFERENCES TENNESSEE STATE PLANE COORDINATE SYSTEM,

ZONE 5301, FIPSZONE 4100: NAD83 DATUM



CROSSING

BRANCH

JOB NUMBER 145061

SHEET NUMBER C - 0.0

DEVELOPMENT PLAN CITY OF FRANKLIN ID #4692 REZONING PLAN CITY OF FRANKLIN ID #4680

zone 4 - building requirements

6 plan 1" = 20'-0"

ROOFS - INSULATION ENTIRELY ABOVE ROOF DECK R-15ci **WALLS ABOVE GRADE** R-13 - METAL FRAMED AND OTHER SLAB-ON-GRADE FLOORS - UNHEATED SLABS NR (No Requirement) **OPAQUE DOORS** U - 0.70 - SWINGING DOORS

zone 4 - fenestration requirements

FRAMING MATERIALS OTHER THAN METAL - U-FACTOR U - 0.40

material legend

BRICK - TEXAS (ACME) BRICK - OLDE WORLD (ACME) CUSTOM CAST STONE - TO MATCH LIGHT BUFF SMOOTH (CLOUD CERAMICS) FORMGLAS FIBER REINFORCED PLASTIC - FRP - TO MATCH LIGHT BUFF SMOOTH (CLOUD CERAMICS)

planning commission note

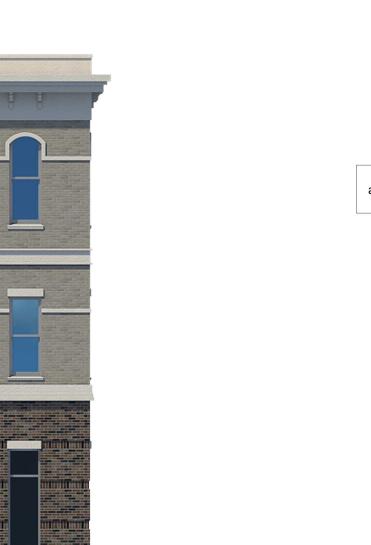
THESE ELEVATIONS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE CITY OF FRANKLIN'S ARCHITECTURAL DESIGN STANDARDS AND THE APPROVAL OF THE PLANNING COMMISSION/CITY OF FRANKLIN. CHANGES SHALL NOT BE MADE TO THE APPROVED ELEVATIONS UNLESS APPROVED BY THE CODES DIRECTOR OR THE PLANNING COMMISSION. COF NO.: **4692**

hvac screening

ALL HVAC EQUIPMENT WILL BE PLACED ON THE ROOF AND ADEQUATELY SCREENED BY THE CONTINUOUS PARAPET.



5 3D View front of building



1 front elevation 1/8" = 1'-0"



2 rear elevation 1/8" = 1'-0"



3 left elevation

1/8" = 1'-0"

t.o. third floor 25' - 4"



4 right elevation 1/8" = 1'-0"

listen • think • create

This drawing and the design shown is the property of the Architect. The reproduction, copying, or use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

consultants:

project:

branch creek crossing

revisions:

date: 10 november 2014 project no.: a14025.00

exterior elevations



1 front elevation 1/16" = 1'-0"

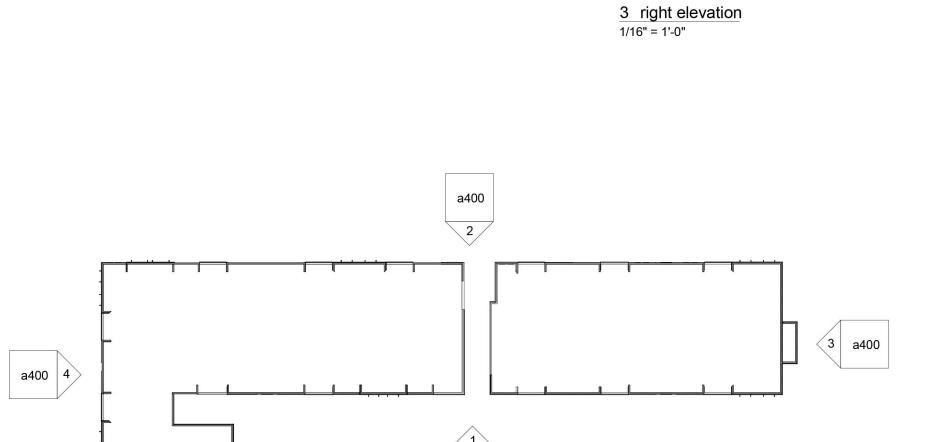


2 rear elevation 1/16" = 1'-0"

t.o. building 54' - 8" roof 45' - 4" 4th floor 34' - 0" 3rd floor 22' - 8" 2nd floor 11' - 4" garage 0' - 0"



4 left elevation 1/16" = 1'-0"



a400



listen • think • create

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zone 4 - building requirements

ROOFS
- INSULATION ENTIRELY ABOVE ROOF DECK R-15ci **WALLS ABOVE GRADE** - WOOD FRAMED AND OTHER R-13 **SLAB-ON-GRADE FLOORS** - UNHEATED SLABS NR (No Requirement)

OPAQUE DOORS U - 0.70 - SWINGING DOORS

zone 4 - fenestration requirements

FRAMING MATERIALS OTHER THAN METAL - U-FACTOR U - 0.40

planning commission note THESE ELEVATIONS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE CITY OF FRANKLIN'S ARCHITECTURAL DESIGN STANDARDS AND

THE APPROVAL OF THE PLANNING COMMISSION/CITY OF FRANKLIN. CHANGES SHALL NOT BE MADE TO THE APPROVED ELEVATIONS UNLESS APPROVED BY THE CODES DIRECTOR OR THE PLANNING COMMISSION. COF NO.: 4692

hvac screening

ALL HVAC EQUIPMENT WILL BE PLACED ON THE ROOF AND ADEQUATELY SCREENED BY THE CONTINUOUS PARAPET.

material legend

BRICK - TEXAS (ACME BRICK) BRICK - OLDE WORLD (ACME BRICK) RICK - PALOMA GRAY (ACME BRICK)

CUSTOM CAST STONE LIGHT BUFF SMOOTH FORMGLAS FIBER REINFORCED PLASTIC - FRP - TO MATCH LIGHT BUFF SMOOTH (CLOUD CERAMICS) branch creek crossing

consultants:

project:

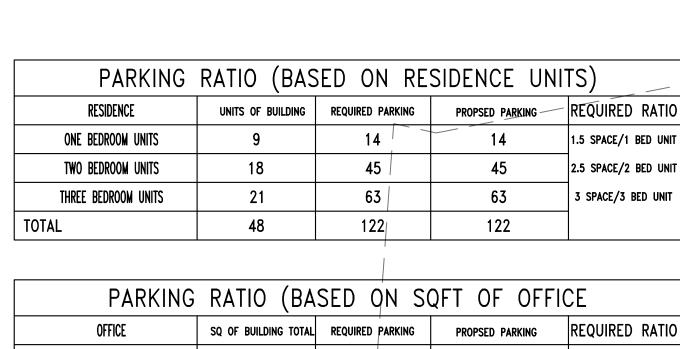
revisions:

date: 10 november 2014 project no.: a14025.00

exterior elevations

5 plan 1" = 50'-0"

6 3D View front of building



PARKING	KATIO (BA	2FD ON 20	afi of offi	CE
OFFICE	SQ OF BUILDING TOTAL	REQUIRED PARKING	PROPSED PARKING	REQUIRED RATIO
BUILDING NORTH	18,240	52	52	2.85 SPACE/1000 SQFT
BUILDING SOUTH	18,240	52	53	
TOTAL	36,480	104	105	
		i		•

ACCESSIBLE	F	PARKING	(R	ESIC	ENCE
VAN PARKING		1 REQUIRE	D	1 P	ROVIDED
ACCESSIBLE PARKING		4 REQUIRE	D	4 F	PROVIDED
TOTAL		5 REQUIRE	D	5 F	ROVIDED

	1	
ACCESSIBLE	PARKING	(OFFICE)
VAN PARKING	1 REQUIRED	1 PROVIDED
ACCESSIBLE PARKING	4 REQUIRED	4 PROVIDED
TOTAL	5 REQUIRED	5 PROVIDED

				<u>'</u>		
	RESIDENTIAL UNITS			OFFICE BUILDINGS		
	RESIDENCE UNITS OF BUILDING ONE BEDROOM UNITS 9			OFFICE	SQ OF BUILDING TOTAL	
			ĺ	BUILDING NORTH	18,240	
	TWO BEDROOM UNITS	18		BUILDING SOUTH	18,240	
	THREE BEDROOM UNITS	21				
	TOTAL	48		TOTAL	36,480	

53 (076.00)

RELIGIOUS USE

SEDIMENT TUBES TO BE PLACED

EROSION FROM CONSTRUCTION

CREEK

ACTIVITIES TO ENTER DRY BRANCH

WITHIN STREAM BUFFER TO PREVENT

PARKING

<u>HANDICAP</u>

-RAMPS

FRANKLIN ROAD (HIGHWAY 31)

SPECIFIC DEVELOPMENT - VARIETY

DEVELOPMENT PLAN CITY OF FRANKLIN ID #4692

REZONING PLAN CITY OF FRANKLIN ID #4680

TAX MAP

BRENTWOOD CHURCH OF THE NAZARENE

SEWER FACILITIES: A PROPOSED 8" SANITARY SEWER LINE IS BEING EXTENDED ACROSS THE PROPERTY TO THE BRENTWOOD CHURCH OF THE NAZARENE. THE PROPOSED DEVELOPMENT WILL TIE TO THE PROPOSED 8" SANITARY SEWER MAIN. RE-PURIFIED WATER FACILITIES - NONE WITHIN THE DEVELOPMENT DEVELOPMENT WILL REQUIRE RIGHT TURN LANE AND SIGNALIZATION AS PER TRAFFIC STUDY SUPPLIED.

FOR THE CITY OF FRANKLIN.

6. POLICE: 900 COLUMBIA AVENUE 4.2 MILES (11 MINUTES)
FIRE: 370 MALLORY STATION ROAD (MALLORY STATION 3)

2.4 MILES (5 MINUTES)

DURING SUCH AN EVENT AT THE END OF THE LINE.

RECREATIONAL FACILITY: DRY BRANCH WETLANDS 0.25 MILES (1 MINUTE) REFUSE STORAGE: DEVELOPMENT WILL PROVIDE TRASH CORRALS FOR THE COMMERCIAL AND RESIDENTIAL DEVELOPMENTS. COLLECTION SCHEDULE WILL BE AS SCHEDULED BY GARBAGE COLLECTION COMPANY.

8. RESTRICTIVE COVENANTS, ARCHITECTURAL CONTROLS, GRANTS OF EASEMENTS, PROPOSED EASEMENTS FOR UTILITIES. THE DEVELOPMENT HAS BEEN DESIGNED TO COMPLIMENT THE ADJACENT GATEWAY VILLAGE DEVELOPMENT. THE DEVELOPMENT WILL FOLLOW THE

1. WATER FACILITIES: TOTAL ESTIMATED USAGE OF 27,825 GALLONS PER DAY, DEVELOPMENT WILL BE SERVED FRO AN EXISTING

SSURES WILL BE IN THE RANGE OF 80 TO 90 PSI DURING NORMAL SYSTEM DEMAND PERIODS. A FIRE FLOW EVENT WAS ALSO CHECKED AT THE END OF THE PROPOSED 8 INCH LINE AND THE MODEL INDICATES A RESIDUAL PRESSURE OF 70 PSI

DRAINAGE FACILITIES - STORMWATER IS DESIGNED TO MEET THE 80%TSS REMOVAL AND WATER QUANTITY REQUIREMENTS

12 INCH WATER LINE ON FRANKLIN ROAD AND THE RESIDENTIAL DEVELORMENT WILL BE SERVED BY A PROPOSED 8 INCH WATER LINE EXTENSION. MODELS BY MALLORY VALLEY UTILITY DISTRICT INDICATE THAT THE RESIDENTIAL RESIDUAL PRESSURE WILL BE IN THE RANGE OF 85 TO 95 PSI DURING NORMAL SYSTEM DEMANDS AND THE COMMERCIAL RESIDHAL

FRADITIONAL DESIGN STANDARDS. TRANSITIONAL FEATURES INCLUDE THE 75' INCOMPATIBLE USE BUFFER ALONG THE SOUTHERN BOUNDARY LINE THE DEVELOPMENT WILL BE PROVIDING UTILITY EASEMENTS FOR SANITAR

SEWER AND WATER MAIN EXTENSIONS AND THE ASSOCIATED GRADING. 9. WILLIAMSON COUNTY SCHOOL SYSTEM WALNUT GROVE ELEMENTARY SCHOOL

BRENTWOOD MIDDLE SCHOOL BRENTWOOD HIGH SCHOOL

PHASE 1 - 18,240 NORTH OFFICE BUILDING AND RELATED PARKING SPACES, UTILITIES, SIDEWALKS AND LANDSCAPING. PHASE 2 - 30 UNIT CONDOMINIUM BUILDING AND ASSOCIATED PARKING, UTILITIES, TRASH CORRAL, BRIDGE ACROSS DRY PHASE 3 - 18,240 SQUARE FEET SOUTHERN OFFICE BUILDING AND RELATED PARKING SPACES, UTILITIES, SIDEWALKS AND

PHASE 4 - 18 UNIT CONDOMINIUM BUILDING AND ASSOCIATED PARKING, UTILITIES, AND LANDSCAPING. 1. FRANKLIN ROAD (STATE ROUTE 6, US 31) IS FUNCTIONALLY CLASSIFIED BY THE CITY OF FRANKLIN AS A MAJOR ARTERIA ORIENTED IN THE NORTH-SOUTH DIRECTION PROVIDING A CONNECTION BETWEEN FRANKLIN AND BRENTWOOD. MOORES LANE (STATE ROUTE 441)/LYNNWOOD WAY IS FUNCTIONALLY CLASSIFIED BY THE TENNESSEE DEPARTMENT OF

TRANSPORTATION (TDOT) AS AN URBAN MINOR ARTERIAL. DAVENPORT BOULEVARD SERVES AS THE MAIN ACCESS TO THE GATEWAY DEVELOPMENT ON THE WEST SIDE OF FRANKLIN ROAD. THE PROPOSED SITE PLAN SHOWS ACCESS TO FRANKLIN ROAD AS THE FOURTH LEG OF THE EXISTING INTERSECTION OF FRANKLIN ROAD AND DAVENPORT BOULEVARD. ENPORT BOULEVARD CURRENTLY SERVES AS THE PRIMARY ENTRANCE TO THE EXISTING GATEWAY DEVELOPMENT. THE TRAFFIC ANALYSIS WAS BROKEN DOWN INTO THREE (3) SEPARATE PHASES. EACH PHASE REPRESENTS A DEVELOPMENT OR ROADWAY PROJECT THAT IS PROJECTED WITHIN THE STUDY AREA. PHASE I ANALYZED THE BUILD-OUT IMPACTS OF THE

BRANCH CREEK CROSSING DEVELOPMENT, PHASE 2 ANALYZED THE BUILD-OUT IMPACTS OF THE PROPOSED ADDITIONS TO THE GATEWAY DEVELOPMENT AND THE BRANCH CREEK CROSSING DEVELOPMENT. PHASE 3 ANALYZED THE CAPACITY IMPROVEMENTS PROJECTED FROM THE COMPLETION OF THE FUTURE TDOT FRANKLIN ROAD WIDENING PROJECT WITH THE GENERATED TRAFFIC VOLUMES FROM THE DEVELOPMENTS ADDED TO THE ROADWAY NETWORK.

THE TRAFFIC ANALYSIS PROVIDED INDICATES THAT THE IMPACTS ON THE EXISTING ROADWAY NETWORK WILL BE MANAGEABLE WITH THE PHASED RECOMMENDATIONS PROVIDED BELOW. THESE RECOMMENDATIONS WILL PROVIDE SAFE AND EFFICIENT TRAFFIC OPERATIONS AT THE INTERSECTIONS WITHIN THE VICINITY OF THE PROPOSED DEVELOPMENT.

PHASE 1: BRANCH CREEK CROSSING DEVELOPMENT RESTRIPE THE EXISTING SOUTHBOUND FRANKLIN ROAD LEFT TURN LANE AND CHANNELIZED AREA TO PROVIDE A LEFT TURN INTO THE PROPOSED DEVELOPMENT. THE TURN LANE SHOULD INCLUDE APPROXIMATELY 190 FEET OF STORAGE.

• ALIGN THE BRANCH CREEK CROSSING ACCESS WITH DAVENPORT BOULEVARD CREATING THE FOURTH LEG AT THE EXISTING INTERSECTION OF FRANKLIN ROAD AND DAVENPORT BOULEVARD. THE BRANCH CREEK CROSSING ACCESS SHOULD INCLUDE ONE (1) SHARED THROUGH/LEFT TURN LANE AND ONE (1) RIGHT TURN LANE. • CONSTRUCT A TWELVE (12) FOOT WIDE RIGHT TURN LANE WITH A TWO (2) FOOT SHOULDER ON NORTHBOUND FRANKLIN

ROAD. THE TURN LANE SHOULD INCLUDE APPROXIMATELY 100 FEET OF STORAGE AND 180 FEET OF TAPER. THE PROPOSED RIGHT TURN LANE SHALL BE DESIGNED TO ALLOW FOR THE ADDITIONAL NORTHBOUND THROUGH LANE PROPOSED IN THE FRANKLIN ROAD WIDENING PROJECT.

• RESTRIPE DAVENPORT BOULEVARD TO INCLUDE ONE (1) RIGHT TURN LANE AND ONE (1) SHARED THROUGH/LEFT TURN LANE. • INSTALL A TEN (10) FOOT WIDE MULTI-USE PATH WITH A MINIMUM SIX (6) FOOT GRASS STRIP BETWEEN THE BACK OF CURB • INSTALL ADA COMPLIANT HANDICAP RAMPS AND A CROSSWALK WHERE THE MULTI-USE PATH CROSSED THE PROPOSED BRANCH CREEK CROSSING ACCESS.

PHASE 2: BRANCH CREEK CROSSING AND GATEWAY DEVELOPMENTS

• INSTALL A TRAFFIC SIGNAL AT THE INTERSECTION OF FRANKLIN ROAD AND DAVENPORT BOULEVARD/BRANCH CREEK CROSSING ACCESS UPON COMPLETION OF THE PROPOSED ADDITIONS TO THE GATEWAY DEVELOPMENT. THE SIGNAL SHALL PROVIDE PROTECTED/PERMITTED LEFT TURN SIGNAL PHASING FOR THE NORTHBOUND AND SOUTHBOUND APPROACHES OF FRANKLIN ROAD. THE SIGNAL SHOULD BE SYNCHRONIZED WITH THE EXISTING SIGNAL AT THE INTERSECTION OF FRANKLIN ROAD AND MOORES LANE/LYNNWOOD WAY. THE SIGNAL SHALL BE DESIGNED TO ACCOMMODATE THE FUTURE FRANKLIN

PHASE 3: FUTURE TOOT FRANKLIN ROAD WIDENING AND DEVELOPMENTS • FRANKLIN ROAD WILL BE WIDENED TO INCLUDE TWO (2) THROUGH LANES IN EACH DIRECTION AND ONE (1) CENTER TWO-WAY LEFT TURN LANE. AS A RESULT OF THE WIDENING PROJECT THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF FRANKLIN ROAD AND DAVENPORT BOULEVARD/BRANCH CREEK CROSSING ACCESS WILL NEED TO BE MODIFIED TO ACCOMMODATE TWO (2) THROUGH LANES IN EACH DIRECTION.

CITY OF FRANKLIN ZONING ORDINANCE SECTION 3,3,4 AND TABLE 3-8 REQUIRES A FRONT YARD SETBACK FROM THE BACK EDGE OF SIDEWALK TO THE BUILDING FACE TO BE 0-15 FEET FOR A MIXED-USE DEVELOPMENT IN A TRADITIONAL AREA. THE MODIFICATION OF STANDARD REQUESTED IS A 75 FOOT SETBACK FROM THE BACK EDGE OF SIDEWALK TO THE BUILDING FACE DUE TO THE EXISTING UNDERGROUND UTILITIES AND UTILITY EASEMENTS IN THE AREA.

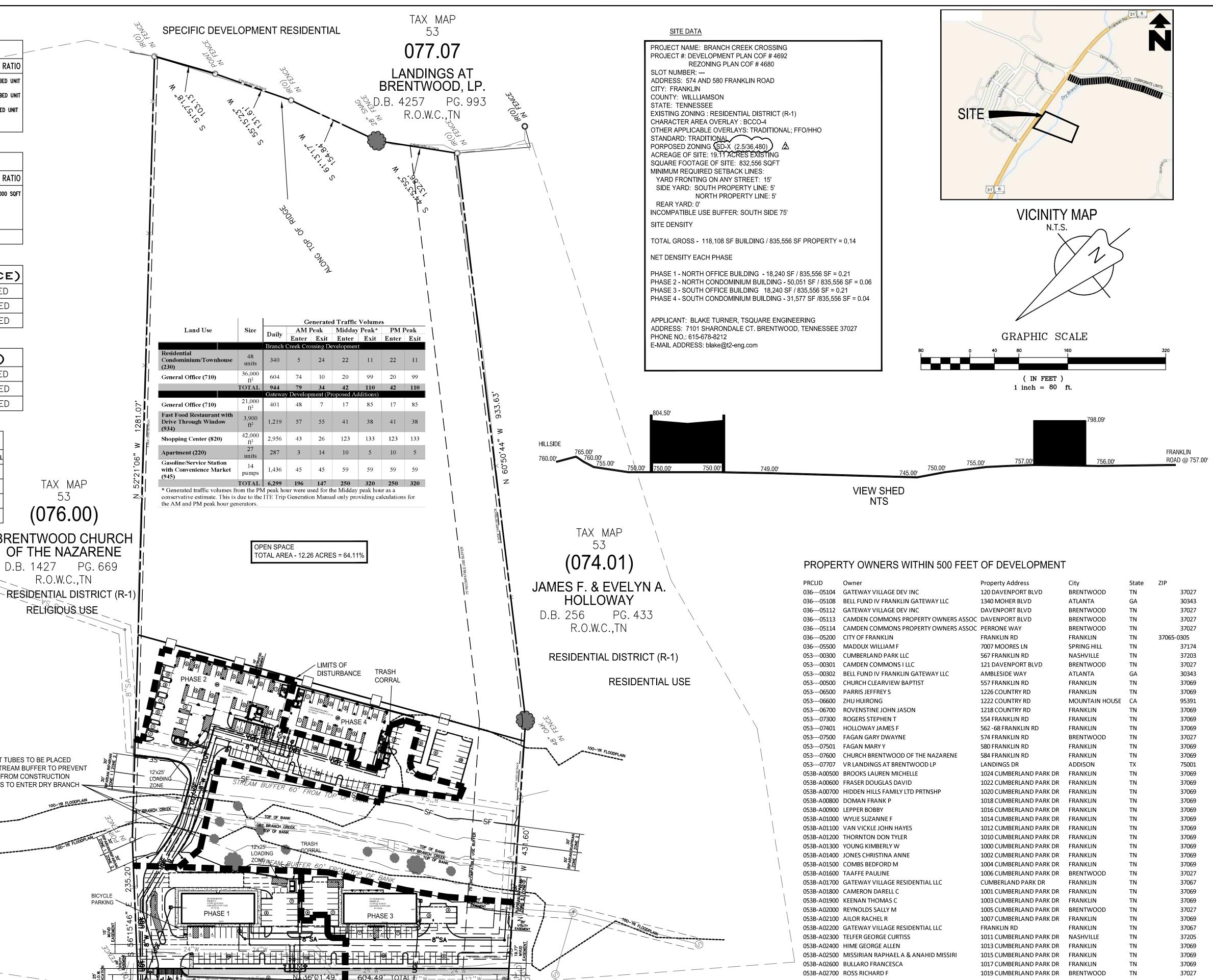
CITY OF FRANKLIN ZONING ORDINANCE SECTION 5.3.6.10.A.I REQUIRES NO OFF-STREET SURFACE PARKING TO BE LOCATED

BETWEEN A BUILDING WALL CONTAINING THE PRIMARY ENTRANCE AND THE PRIMARY STREET THE BUILDING FRONTS FOR A NON-RESIDENTIAL OR MIXED-USE STRUCTURE IN A TRADITIONAL AREA. THE MODIFICATION OF STANDARD REQUESTED IS A 95 FOOT SETBACK FROM THE BUILDING WALL CONTAINING THE PRIMARY ENTRANCE AND THE PRIMARY STREET THE BUILDING FRONTS DUE TO THE EXISTING UNDERGROUND UTILITIES AND UTILITY EASEMENTS IN THE AREA.

CITY OF FRANKLIN ZONING ORDINANCE SECTION 5.3.6.10.A.IV REQUIRES OFF-STREET PARKING AREAS TO NOT OCCUPY MORE THAN 30 PERCENT OF THE LOT FRONTAGE ADJACENT TO THE PRIMARY STREET SERVING THE LOT FOR A NON-RESIDENTIAL OR MIXED-USE STRUCTURE IN A TRADITIONAL AREA. THE MODIFICATION OF STANDARD REQUESTED IS THE OFF-STREET PARKING

AREA TO OCCUPY 72 PERCENT OF THE LOT FRONTAGE ADJACENT TO THE PRIMARY STREET SERVING THE LOT DUE TO THE

REQUEST FOR PAYMENT IN LIEU OF FOR DEDICATION OF PARKS.



A PORTION OF THIS PROPERTY IS LOCATED WITHIN AN AREA ZONE AE AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 47187C0205F, DATED SEPTEMBER 29, 2006 AND A PORTION OF THE PROPERTY IS LOCATED WITHIN AND AREA ZONE X AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 47187C0205F DATED SEPTEMBER 29, 2006

1021 CUMBERLAND PARK DR FRANKLIN

1023 CUMBERLAND PARK DR NASHVILLE

SITE REFERENCES TENNESSEE STATE PLANE COORDINATE SYSTEM, ZONE 5301, FIPSZONE 4100: NAD83 DATUM

053B-A02800 WIENCEK TOM C

THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION, STORAGE,

OR DISTURBANCE OF VEGETATION ALLOWED IN THE STREAM BUFFER

EXCEPT PERMITTED BY THE CITY ENGINEER.

053B-A02900 MATRAVERS LAURIE M

INEERING Engineering 37027 * (615) 953-2998 EN Civil OUARE on Sulting

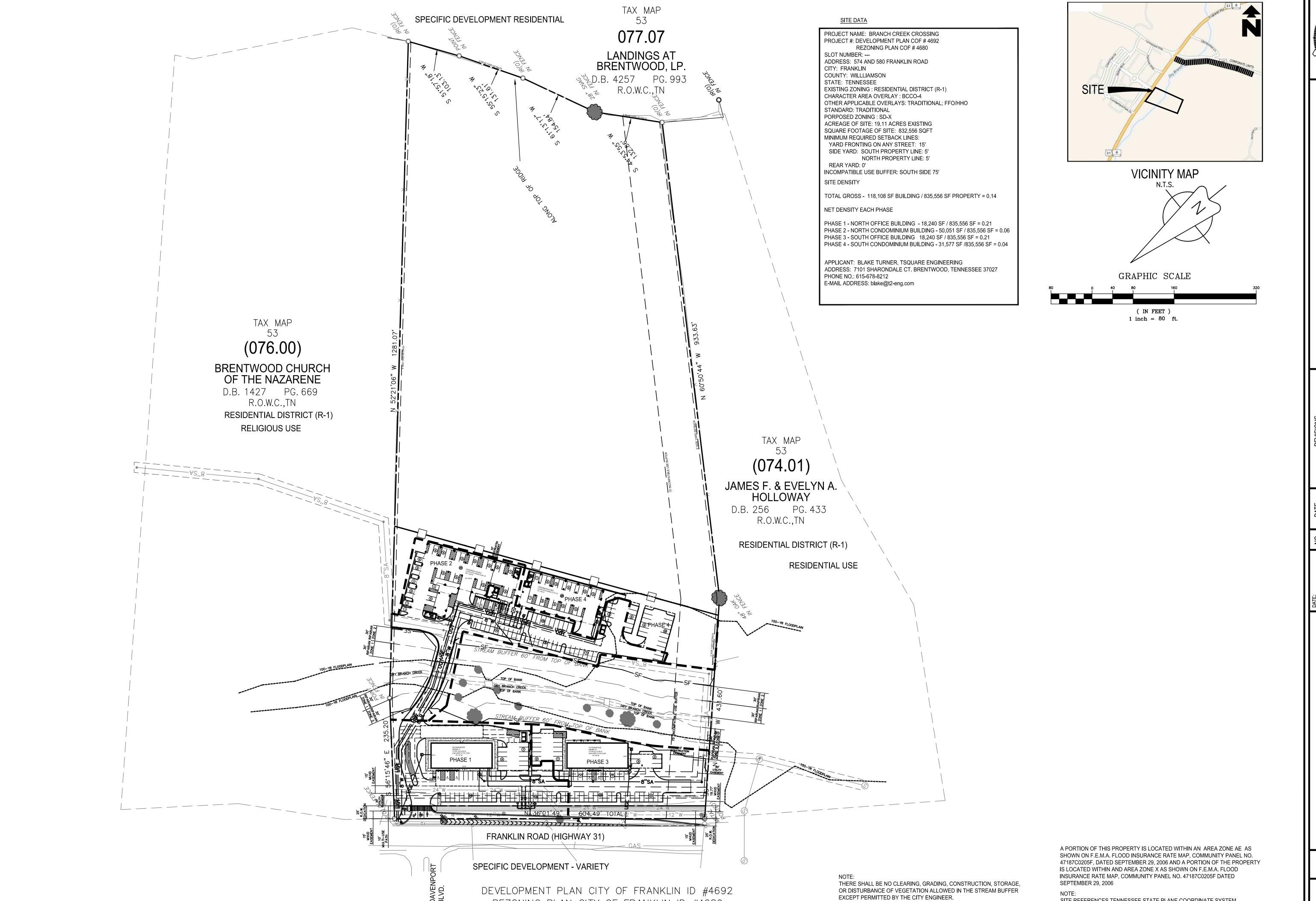
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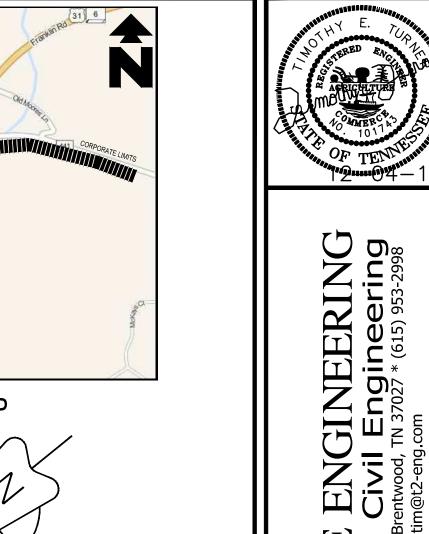
37205

JOB NUMBER 145061

SHEET NUMBER C-1.0



REZONING PLAN CITY OF FRANKLIN ID #4680



TSQUARE
Consulting (7101 Sharondale Ct. * Bre

BRANCE

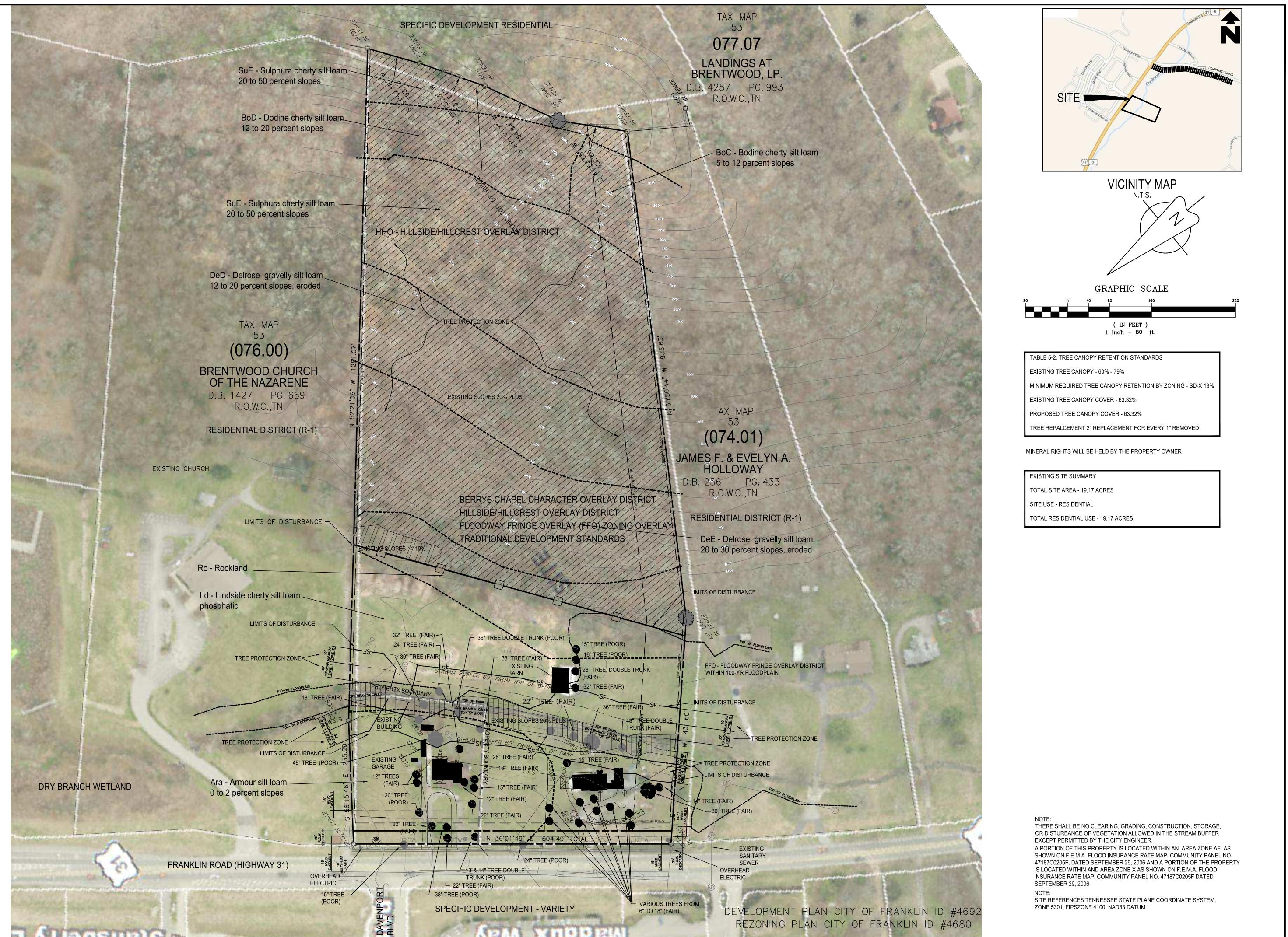
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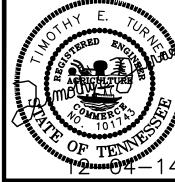
SHEET NUMBER

C-1.1

SITE REFERENCES TENNESSEE STATE PLANE COORDINATE SYSTEM,

ZONE 5301, FIPSZONE 4100: NAD83 DATUM





ENGINEERING

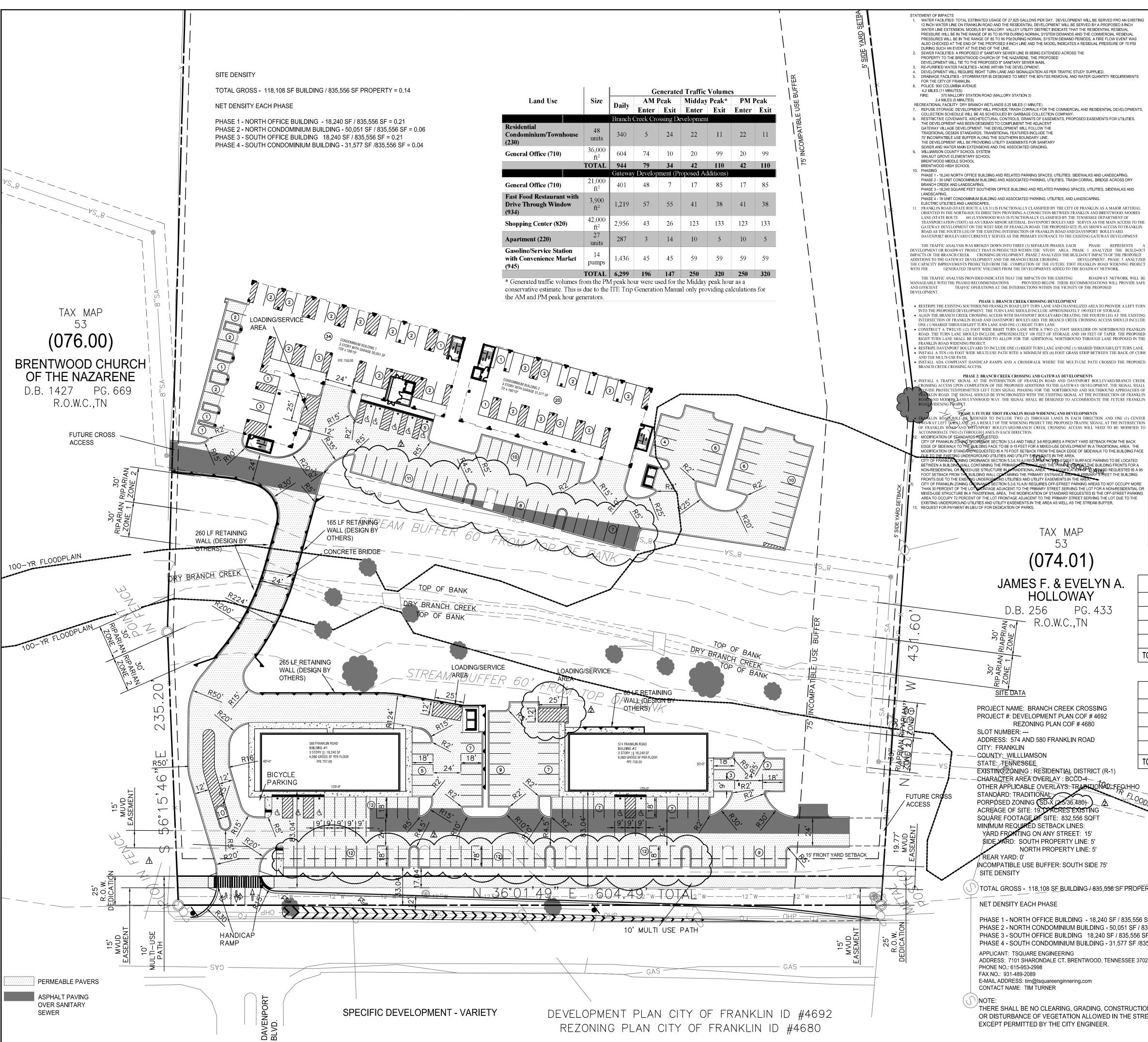
Civil Engineering

Brentwood, TN 37027 * (615) 953-2998 TSQUARE
Consulting (7101 Sharondale Ct. * Bre

BRANCH

JOB NUMBER 145061

SHEET NUMBER C-2.0



WATER FACILITIES: TOTAL ESTIMATED USAGE OF 27,825 GALLONS PER DAY. DEVELOPMENT WILL BE SERVED FRO AN EXISTING 12 INCH WATER LINE ON FRANKLIN ROAD AND THE RESIDENTIAL DEVELOPMENT WILL BE SERVED BY A PROPOSED 8 INCH WATER LINE EXTENSION. MODELS BY MALLORY VALLEY UTILITY DISTRICT INDICATE THAT THE RESIDENTIAL RESIDUAL PRESSURE WILL BE IN THE RANGE OF 85 TO 95 PSI DURING NORMAL SYSTEM DEMANDS AND THE COMMERCIAL RESIDUAL PRESSURES WILL BE IN THE RANGE OF 80 TO 90 PSI DURING NORMAL SYSTEM DEMAND PERIODS. A FIRE FLOW EVENT WAS ALSO CHECKED AT THE END OF THE PROPOSED 8 INCH LINE AND THE MODEL INDICATES A RESIDUAL PRESSURE OF 70 PSI DURING SUCH AN EVENT AT THE END OF THE LINE.

SEWER FACILITIES: A PROPOSED 8" SANITARY SEWER LINE IS BEING EXTENDED ACROSS THE PROPERTY TO THE BRENTWOOD CHURCH OF THE NAZARENE. THE PROPOSED

DEVELOPMENT WILL REQUIRE RIGHT TURN LANE AND SIGNALIZATION AS PER TRAFFIC STUDY SUPPLIED.
DRAINAGE FACILITIES - STORMWATER IS DESIGNED TO MEET THE 80%TSS REMOVAL AND WATER QUANTITY REQUIREMENTS

RECREATIONAL FACILITY: DRY BRANCH WETLANDS 0.25 MILES (1 MINUTE)
7. REFUSE STORAGE: DEVELOPMENT WILL PROVIDE TRASH CORRALS FOR THE COMMERCIAL AND RESIDENTIAL DEVELOPMENTS. COLLECTION SCHEDULE WILL BE AS SCHEDULED BY GARBAGE COLLECTION COMPANY.
RESTRICTIVE COVENANTS, ARCHITECTURAL CONTROLS, GRANTS OF EASEMENTS, PROPOSED EASEMENTS FOR UTILITIES.
THE DEVELOPMENT HAS BEEN DESIGNED TO COMPLIMENT THE ADJACENT

75' INCOMPATIBLE USE BUFFER ALONG THE SOUTHERN BOUNDARY LINE. THE DEVELOPMENT WILL BE PROVIDING UTILITY EASEMENTS FOR SANITAR' SEWER AND WATER MAIN EXTENSIONS AND THE ASSOCIATED GRADING.

WALNUT GROVE ELEMENTARY SCHOOL

PHASE 1 - 18,240 NORTH OFFICE BUILDING AND RELATED PARKING SPACES, UTILITIES, SIDEWALKS AND LANDSCAPING. PHASE 2 - 30 UNIT CONDOMINIUM BUILDING AND ASSOCIATED PARKING, UTILITIES, TRASH CORRAL, BRIDGE ACROSS DRY

BRANCH CREEK AND LANDSCAPING.
PHASE 3 - 18,240 SQUARE FEET SOUTHERN OFFICE BUILDING AND RELATED PARKING SPACES, UTILITIES, SIDEWALKS AND LANDSCAPING.
PHASE 4 - 18 UNIT CONDOMINIUM BUILDING AND ASSOCIATED PARKING, UTILITIES, AND LANDSCAPING.

ELECTRIC UTILITIES AND LANDSCAPES.
FRANKLIN ROAD (STATE ROUTE 6, US 31) IS FUNCTIONALLY CLASSIFIED BY THE CITY OF FRANKLIN AS A MAJOR ARTERIA ORIENTED IN THE NORTH-SOUTH DIRECTION PROVIDING A CONNECTION BETWEEN FRANKLIN AND BRENTWOOD. MOORES LANE (STATE ROUTE 441)/LYNNWOOD WAY IS FUNCTIONALLY CLASSIFIED BY THE TENNESSEE DEPARTMENT OF TRANSPORTATION (TDOT) AS AN URBAN MINOR ARTERIAL. DAVENPORT BOULEVARD SERVES AS THE MAIN ACCESS TO THE GATEWAY DEVELOPMENT ON THE WEST SIDE OF FRANKLIN ROAD. THE PROPOSED SITE PLAN SHOWS ACCESS TO FRANKLIN ROAD AS THE FOURTH LEG OF THE EXISTING INTERSECTION OF FRANKLIN ROAD AND DAVENPORT BOULEVARD.

THE TRAFFIC ANALYSIS WAS BROKEN DOWN INTO THREE (3) SEPARATE PHASES. EACH PHASE REPRESENTS A DEVELOPMENT OR ROADWAY PROJECT THAT IS PROJECTED WITHIN THE STUDY AREA. PHASE 1 ANALYZED THE BUILD-OUT IMPACTS OF THE BRANCH CREEK CROSSING DEVELOPMENT. PHASE 2 ANALYZED THE BUILD-OUT IMPACTS OF THE PROPOSED DEVELOPMENT. PHASE 3 ANALYZED DEVELOPMENT AND THE BRANCH CREEK CROSSING DEVELOPMENT. PHASE 3 ANALYZED THE CAPACITY IMPROVEMENTS PROJECTED FROM THE COMPLETION OF THE FUTURE TDOT FRANKLIN ROAD WIDENING PROJECT GENERATED TRAFFIC VOLUMES FROM THE DEVELOPMENTS ADDED TO THE ROADWAY NETWORK.

THE TRAFFIC ANALYSIS PROVIDED INDICATES THAT THE IMPACTS ON THE EXISTING ROADWAY NETWORK WILL BE MANAGEABLE WITH THE PHASED RECOMMENDATIONS PROVIDED BELOW. THESE RECOMMENDATIONS WILL PROVIDE SAFE AND EFFICIENT TRAFFIC OPERATIONS AT THE INTERSECTIONS WITHIN THE VICINITY OF THE PROPOSED

PHASE 1: BRANCH CREEK CROSSING DEVELOPMENT RESTRIPE THE EXISTING SOUTHBOUND FRANKLIN ROAD LEFT TURN LANE AND CHANNELIZED AREA TO PROVIDE A LEFT TURN INTO THE PROPOSED DEVELOPMENT. THE TURN LANE SHOULD INCLUDE APPROXIMATELY 190 FEET OF STORAGE. ALIGN THE BRANCH CREEK CROSSING ACCESS WITH DAVENPORT BOULEVARD CREATING THE FOURTH LEG AT THE EXISTING

INTERSECTION OF FRANKLIN ROAD AND DAVENPORT BOULEVARD. THE BRANCH CREEK CROSSING ACCESS SHOULD INCLUDE ONE (1) SHARED THROUGH/LEFT TURN LANE AND ONE (1) RIGHT TURN LANE. • CONSTRUCT A TWELVE (12) FOOT WIDE RIGHT TURN LANE WITH A TWO (2) FOOT SHOULDER ON NORTHBOUND FRANKLIN ROAD. THE TURN LANE SHOULD INCLUDE APPROXIMATELY 100 FEET OF STORAGE AND 180 FEET OF TAPER. THE PROPOSED RIGHT TURN LANE SHALL BE DESIGNED TO ALLOW FOR THE ADDITIONAL NORTHBOUND THROUGH LANE PROPOSED IN THE FRANKLIN ROAD WIDENING PROJECT.

RESTRIPE DAVENPORT BOULEVARD TO INCLUDE ONE (1) RIGHT TURN LANE AND ONE (1) SHARED THROUGH/LEFT TURN LANE. INSTALL A TEN (10) FOOT WIDE MULTI-USE PATH WITH A MINIMUM SIX (6) FOOT GRASS STRIP BETWEEN THE BACK OF CURB AND THE MULTI-USE PATH.

PHASE 2: BRANCH CREEK CROSSING AND GATEWAY DEVELOPMENTS
INSTALL A TRAFFIC SIGNAL AT THE INTERSECTION OF FRANKLIN ROAD AND DAVENPORT BOULEVARD/BRANCH CREEK OSSING ACCESS UPON COMPLETION OF THE PROPOSED ADDITIONS TO THE GATEWAY DEVELOPMENT. THE SIGNAL SHALI DE PROTECTED/PERMITTED LEFT TURN SIGNAL PHASING FOR THE NORTHBOUND AND SOUTHBOUND APPROACHES OF IN ROAD. THE SIGNAL SHOULD BE SYNCHRONIZED WITH THE EXISTING SIGNAL AT THE INTERSECTION OF FRANKLIN. OORBS LANE/LYNNWOOD WAY. THE SIGNAL SHALL BE DESIGNED TO ACCOMMODATE THE FUTURE FRANKLIN

PMASE 3: FUTURE TOOT FRANKLIN ROAD WIDENING AND DEVELOPMENTS • FRANKLIN ROAD WILL BE VIDENED TO INCLUDE TWO (2) THROUGH LANES IN EACH DIRECTION AND ONE (1) CENTER TWO-WAY LEFT TURN LANE. AS A RESULT OF THE WIDENING PROJECT THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF FRANKLIN ROAD AND DAVENPORT BOULEVARD/BRANCH CREEK CROSSING ACCESS WILL NEED TO BE MODIFIED TO

CITY OF FRANKLIN ZONING ORDINANCE SECTION 3.3.4 AND TABLE 3-8 REQUIRES A FRONT YARD SETBACK FROM THE BACK OF FRANKLIN ZUNING SIGNAL OF THE BUILDING FACE TO BE U-15 FEET TO CO.

JE OF SIDEWALK TO THE BUILDING FACE TO BE U-15 FEET TO CO.

JOHN TO THE BUILDING FACE TO BE U-15 FEET TO CO.

JOHN TO THE FRISTING UNDERGROUND UTILITIES AND UTILITY EASEMENTS IN THE AREA.

CITY OF FRANKLIN JONING ORDINANCE SECTION 5.3.6.10.4.1 RECURRED TO STREET SURFACE PARKING TO BE LOCATED CONTAINING THE PRIMARY ENTRANCE AND THE PRIMARY STREET THE BUILDING FRONTS FOR A STREET THE BUILDING FRONTS FOR A STREET THE BUILDING EDGE OF SIDEWALK TO THE BUILDING FACE TO BE 0-15 FEET FOR A MIXED-USE DEVELOPMENT IN A TRADITIONAL AREA. THE MODIFICATION OF STANDARD REQUESTED IS A 75 FOOT SETBACK FROM THE BACK EDGE OF SIDEWALK TO THE BUILDING FACE ECTION 5.3.6.10.A.IV REQUIRES OFF-STREET PARKING AREAS TO NOT OCCUPY MORI

JAMES F. & EVELYN A **HOLLOWAY**

D.B. 256 PG. 433

R.O.W.C.,TN

PROJECT NAME: BRANCH CREEK CROSSING PROJECT #: DEVELOPMENT PLAN COF # 4692 REZONING PLAN COF # 4680

SLOT NUMBER: ---ADDRESS: 574 AND 580 FRANKLIN ROAD CITY: FRANKLIN

COUNTY: WILLLIAMSON STATE: FENNESSEE EXISTING ZONING : RESIDENTIAL DISTRICT (R-1) CHARACTER AREA OVERLAY : BCCO-4

OTHER APPLICABLE OVERLAYS: TRADITIONAL; FEO.H STANDARD: TRADITIONAL PORPOSED ZONING (SD-X (2.6/36,480)) ACREAGE OF SITE: 19.11 ACRES EXISTING SQUARE FOOTAGE OF SITE: 832,556 SQFT

MIN/MUM REQUIRED SETBACK LINES: YARD FRONTING ON ANY STREET: 15' \$IDE WARD: SOUTH PROPERTY LINE: 5' NORTH PROPERTY LINE: 5' REAR YARD: 0'

NCOMPATIBLE USE BUFFER: SOUTH SIDE 75' SITE DENSITY

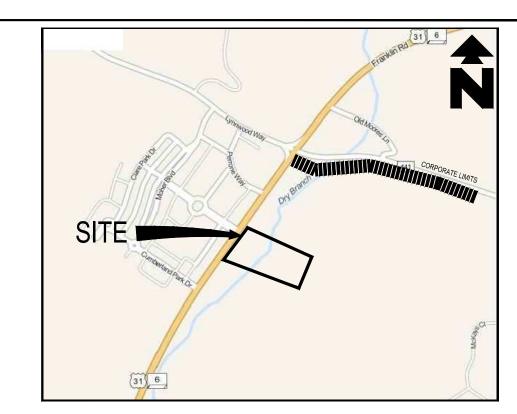
TOTAL GROSS - 118,108 SF BUILDING / 835,556 SF PROPERTY = 0.14 NET DENSITY EACH PHASE

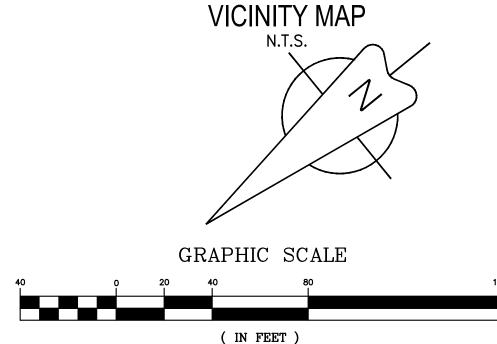
PHASE 1 - NORTH OFFICE BUILDING - 18,240 SF / 835,556 SF = 0.21 PHASE 2 - NORTH CONDOMINIUM BUILDING - 50,051 SF / 835,556 SF = 0.06 PHASE 3 - SOUTH OFFICE BUILDING 18,240 SF / 835,556 SF = 0.21 PHASE 4 - SOUTH CONDOMINIUM BUILDING - 31,577 SF /835,556 SF = 0.04

APPLICANT: TSQUARE ENGINEERING ADDRESS: 7101 SHARONDALE CT. BRENTWOOD, TENNESSEE 37027 PHONE NO.: 615-953-2998 FAX NO.: 931-489-2089

E-MAIL ADDRESS: tim@tsquareenginnering.com CONTACT NAME: TIM TURNER

THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION, STORAGE, OR DISTURBANCE OF VEGETATION ALLOWED IN THE STREAM BUFFER EXCEPT PERMITTED BY THE CITY ENGINEER.





SITE LIGHTING TO BE PER SHEET E02 PHOTOMETRICS PLAN

1 inch = 40 ft.

5	RESIDENTIAL	UNITS
: OR	RESIDENCE	UNITS OF BUILDING
G	ONE BEDROOM UNITS	9
	TWO BEDROOM UNITS	18
	THREE BEDROOM UNITS	21
	TOTAL	48

OFFICE BUILDINGS				
OFFICE	SQ OF BUILDING TOTAL			
BUILDING NORTH	18,240			
BUILDING SOUTH	18,240			
TOTAL	36,480			

PARKING RATIO (BASED ON RESIDENCE UNITS)						
RESIDENCE	UNITS OF BUILDING	REQUIRED PARKING	PROPSED PARKING	REQUIRED RATIO		
ONE BEDROOM UNITS	9	14	14	1.5 SPACE/1 BED UNIT		
TWO BEDROOM UNITS	18	45	45	2.5 SPACE/2 BED UNIT		
THREE BEDROOM UNITS	21	63	63	3 SPACE/3 BED UNIT		
ΤΟΤΔΙ	48	122	122			

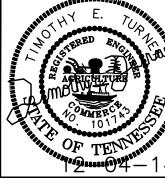
PARKING RATIO (BASED ON SQFT OF OFFICE				
OFFICE	SQ OF BUILDING TOTAL	REQUIRED PARKING	PROPSED PARKING	REQUIRED RATIO
BUILDING NORTH	18,240	52	52	2.85 SPACE/1000 SQFT
BUILDING SOUTH	18,240	52	53	
TOTAL	36,480	104	105	

ACCESSIBLE	PARKING (R	ESIDENCE)
VAN PARKING	1 REQUIRED	1 PROVIDED
ACCESSIBLE PARKING	4 REQUIRED	4 PROVIDED
TOTAL	5 REQUIRED	5 PROVIDED

ACCESSIBLE	PARKING	(OFFICE)
VAN PARKING	1 REQUIRED	1 PROVIDED
ACCESSIBLE PARKING	4 REQUIRED	4 PROVIDED
TOTAL	5 REQUIRED	5 PROVIDED

A PORTION OF THIS PROPERTY IS LOCATED WITHIN AN AREA ZONE AE AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 47187C0205F, DATED SEPTEMBER 29, 2006 AND A PORTION OF THE PROPERTY IS LOCATED WITHIN AND AREA ZONE X AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 47187C0205F DATED SEPTEMBER 29, 2006

SITE REFERENCES TENNESSEE STATE PLANE COORDINATE SYSTEM, ZONE 5301, FIPSZONE 4100: NAD83 DATUM



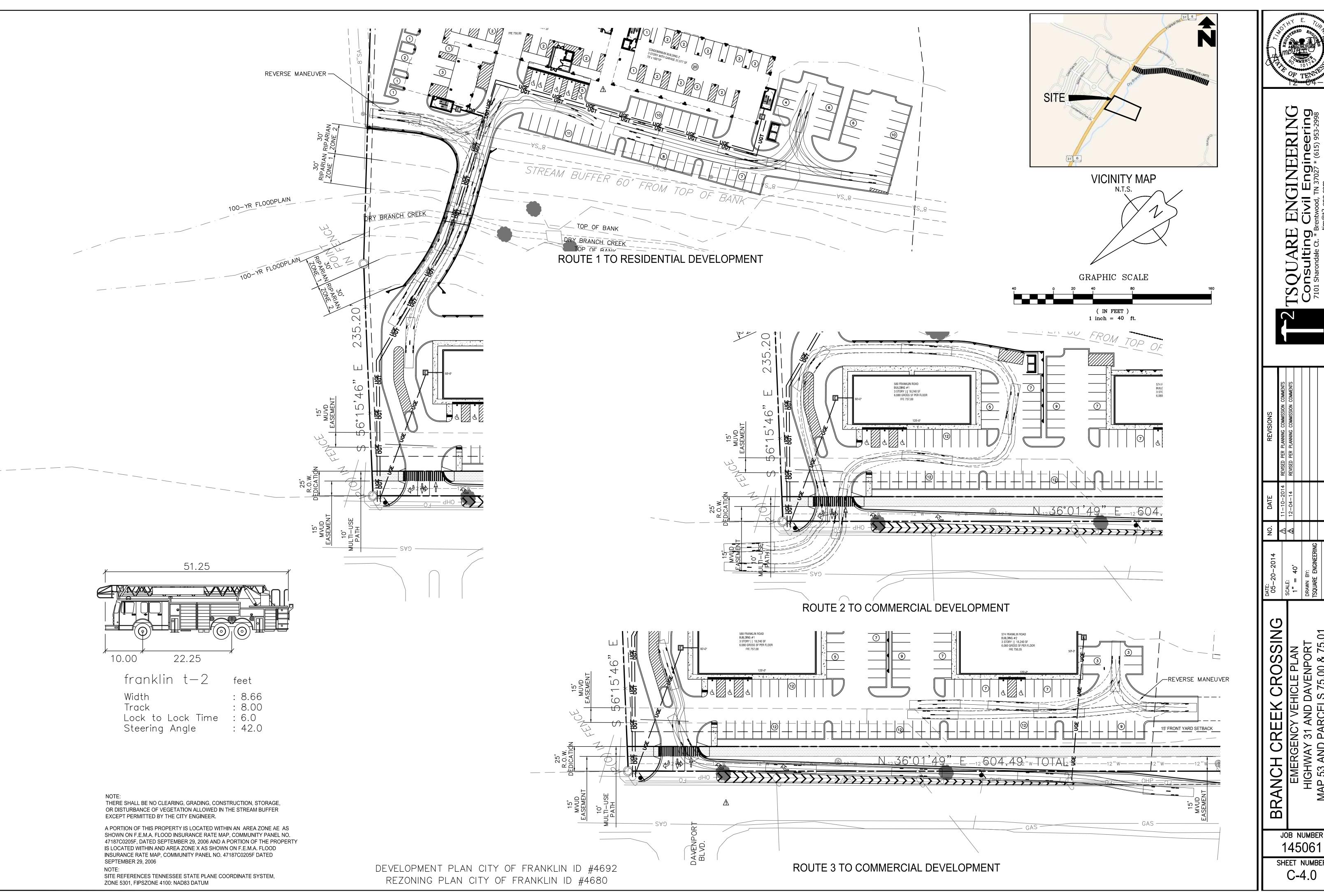
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SHEET NUMBER C-3.0

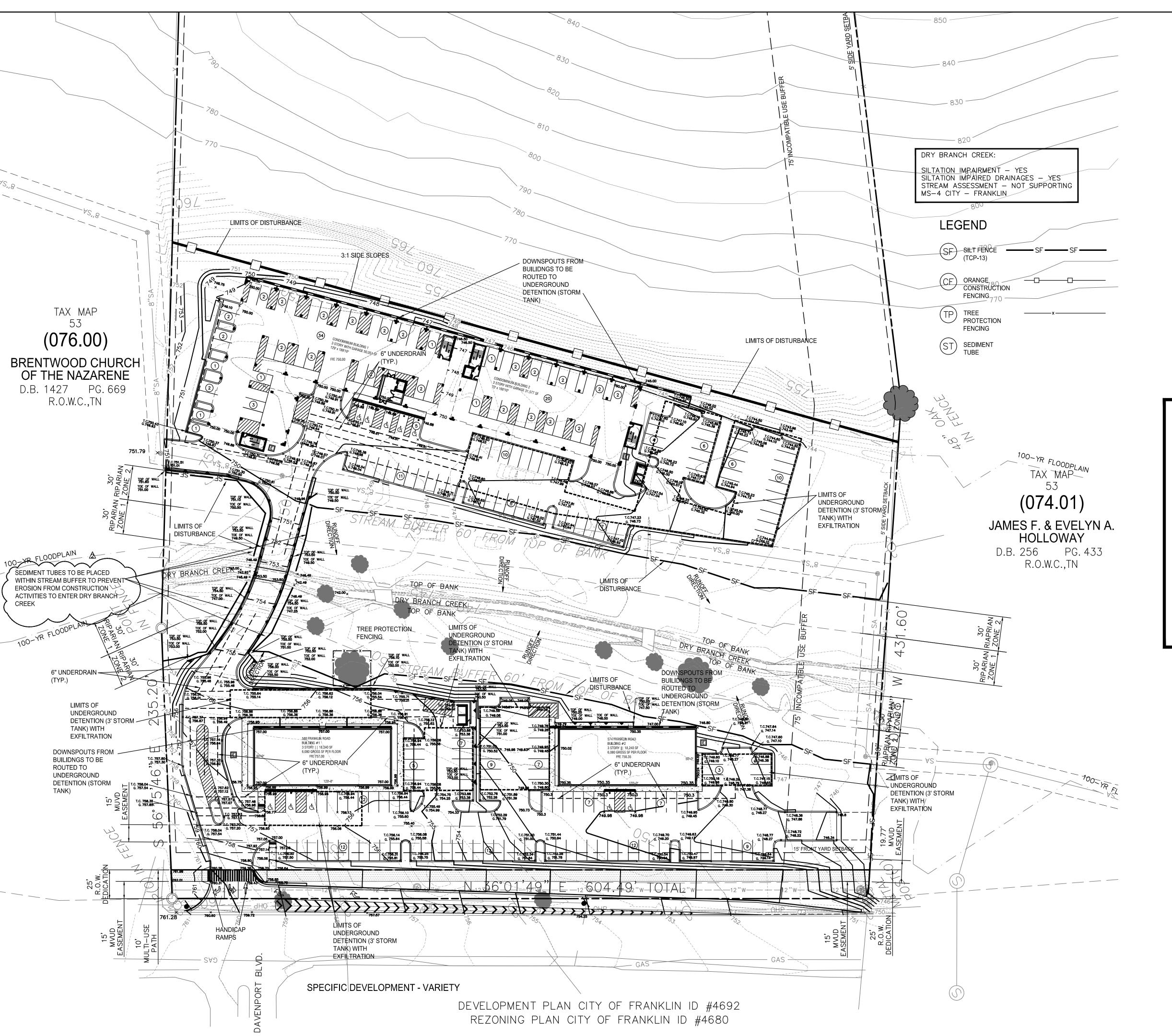


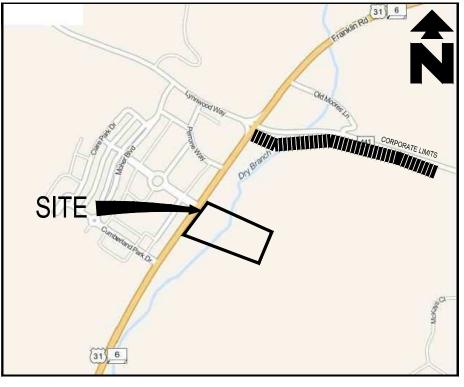


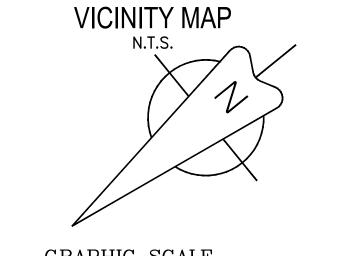
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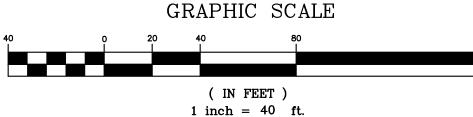
JOB NUMBER 145061

SHEET NUMBER C-4.0









GRADING NOTES:

1. STRIP ALL TOPSOILS, VEGETATION, SOFT, LOOSE OR OTHERWISE UNSUITABLE MATERIAL FROM THE SITE. THIS SHALL INCLUDE REMOVAL OF ANY TREES AND ASSOCIATED ROOT SYSTEM. ANY EXISTING FILL THAT IS POORLY COMPACTED SHALL ALSO BE REMOVED.

2. AFTER STRIPPING AND PRIOR TO PLACEMENT OF FILL, THE EXPOSED SUBGRADE SHALL BE PROOFROLLED TO DETECT ANY SOFT OR UNSTABLE AREAS. PROOFROLLING SHALL BE PERFORMED IN THE PRESENCE OF A GEOTECHNICAL ENGINEER REPRESENTATIVE. ANY SOFT OR UNSTABLE AREAS SHALL BE UNDERCUT AND REPLACED WITH SELECT FILL MATERIAL AS APPROVED BY THE GEOTECHNICAL ENGINEER.

3. SITE GRADES AROUND THE BUILDING AND PAVEMENT AREAS SHALL BE GRADED TO PREVENT PONDING. ANY SURFACE WATER ACCUMULATION IN THESE AREAS SHALL BE

4. REPRESENTATIVE SAMPLE OF FILL MATERIALS SHALL BE TESTED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT.

5. FILL PLACEMENT AND COMPACTION SHALL BE OBSERVED AND DOCUMENTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER.

6. ALL EXCAVATIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST OSHA GUIDELINES AS MANDATED IN CURRENT FEDERAL, STATE AND LOCAL REGULATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE IN PROVIDING SAFE WORKING CONDITIONS IN CONNECTION WITH ANY EXCAVATION WORK.

7. IF DURING EARTH OPERATIONS, THE CONTRACTOR ENCOUNTERS UNUSUAL SOIL CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE OWNER OR ITS REPRESENTATIVE IN WRITING WITHIN 24 HOURS. NEGOTIATION SHALL THEN BE INITIATED BETWEEN OWNER AND CONTRACTOR TO ARRIVE AT A CHANGE IN CONTRACT PRICE FOR ADDITIONAL WORK. IF ADDITIONAL WORK IS NOT COVERED BY A CONTRACT UNIT PRICE, THE WORK SHALL BE PAID AT TIME AND MATERIAL BASIS.



PHONE: 615-367-1110 800-351-1111

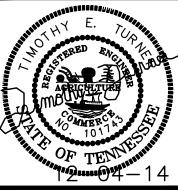
E-MAIL: tnocs@tnonecall.com

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NOTE:

SITE REFERENCES TENNESSEE STATE PLANE COORDINATE SYSTEM, ZONE 5301, FIPSZONE 4100: NAD83 DATUM



Consulting Civil Engineering
Till Sharondale Ct. * Brentwood, TN 37027 * (615) 953-2998



11-10-2014 REVISED PER PLANNING COMMISSION COMMENTS

\$\times 12-04-14\$ REVISED PER PLANNING COMMISSION COMMENTS

\$\times 12-04-14\$ REVISED PER PLANNING COMMISSION COMMENTS

SCALE:

1" = 40'

DRAWN BY:

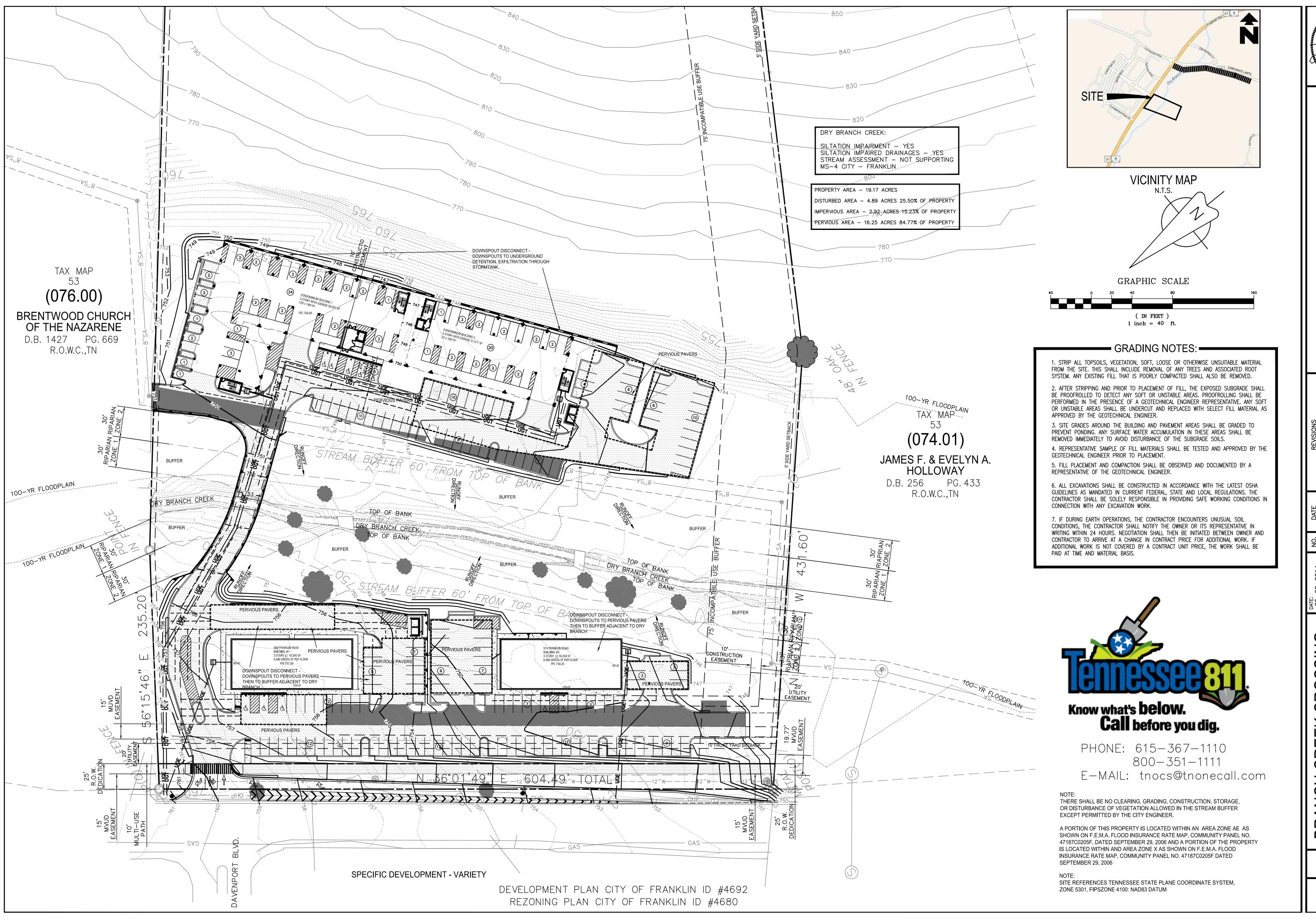
TSQUARE ENGINE

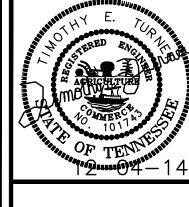
GRADING PLAN WAY 31 AND DAVENPORT AND PARCELS 75.00 & 75.01

JOB NUMBER 145061

BRANCH

SHEET NUMBER C-5.0



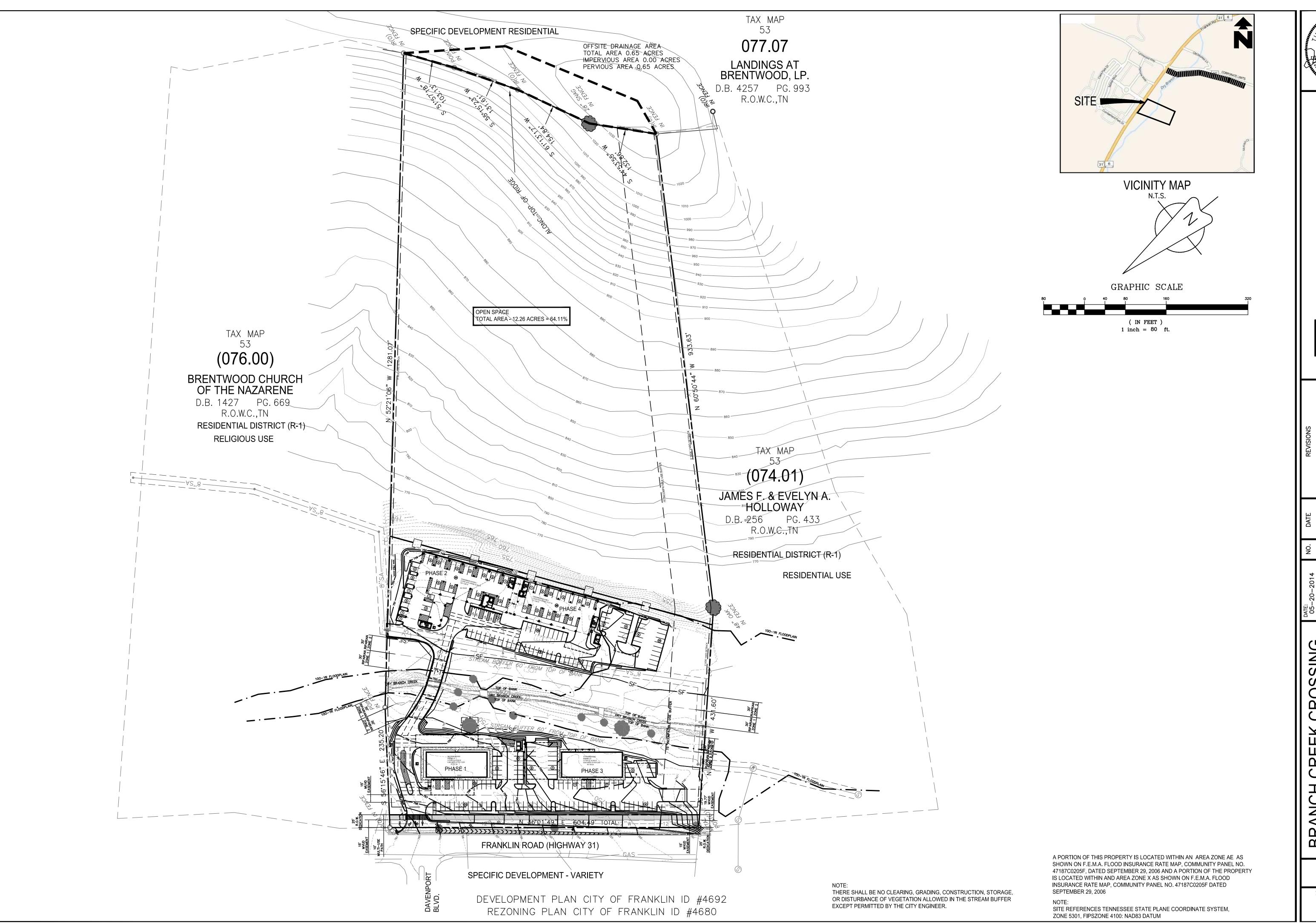


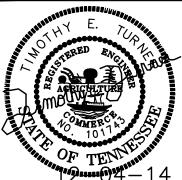
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Consulting

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JOB NUMBER 145061

SHEET NUMBER C-6.0



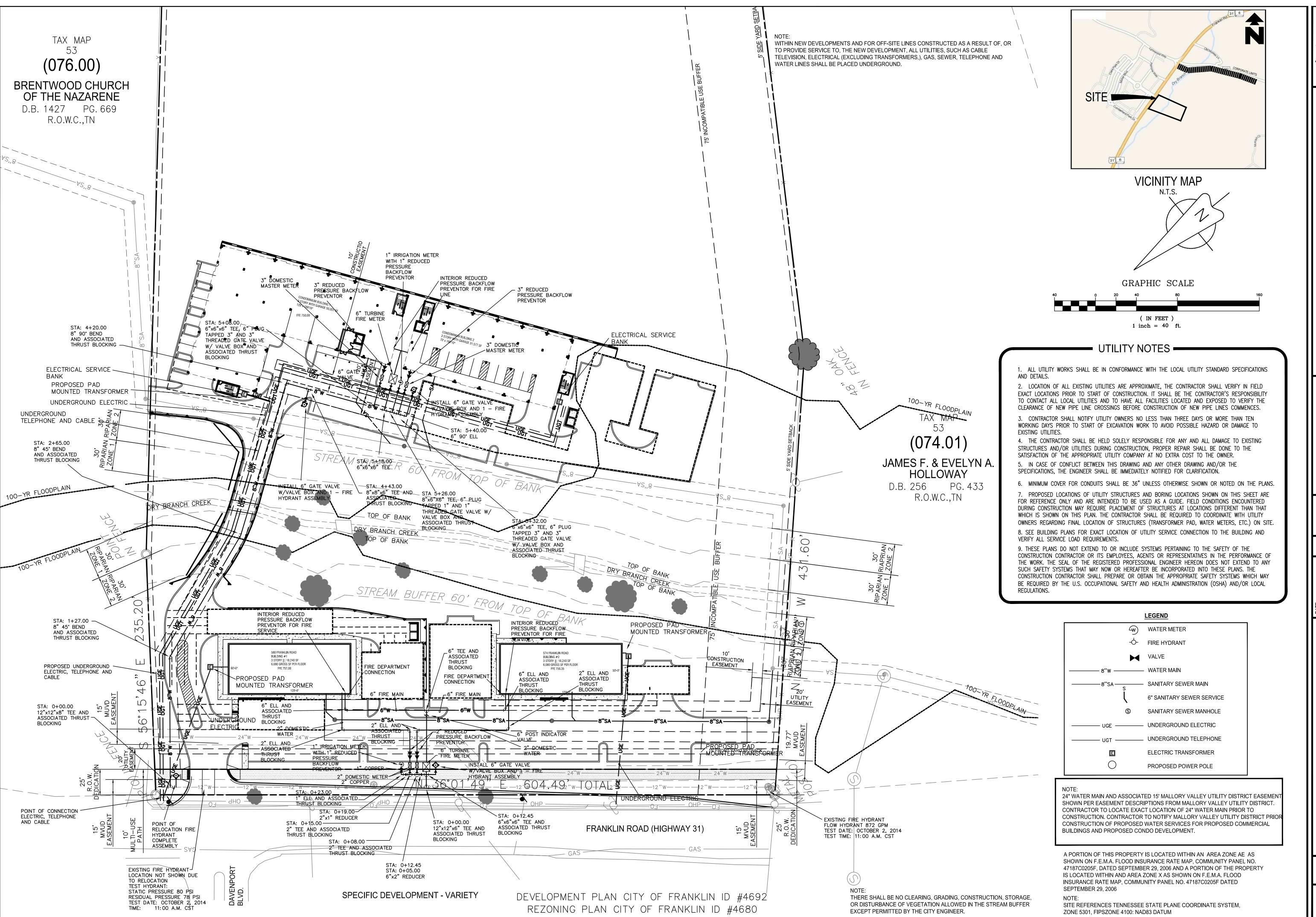


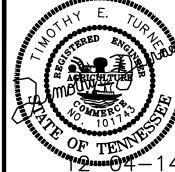
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Consulting (7101 Sharondale Ct. * Bre

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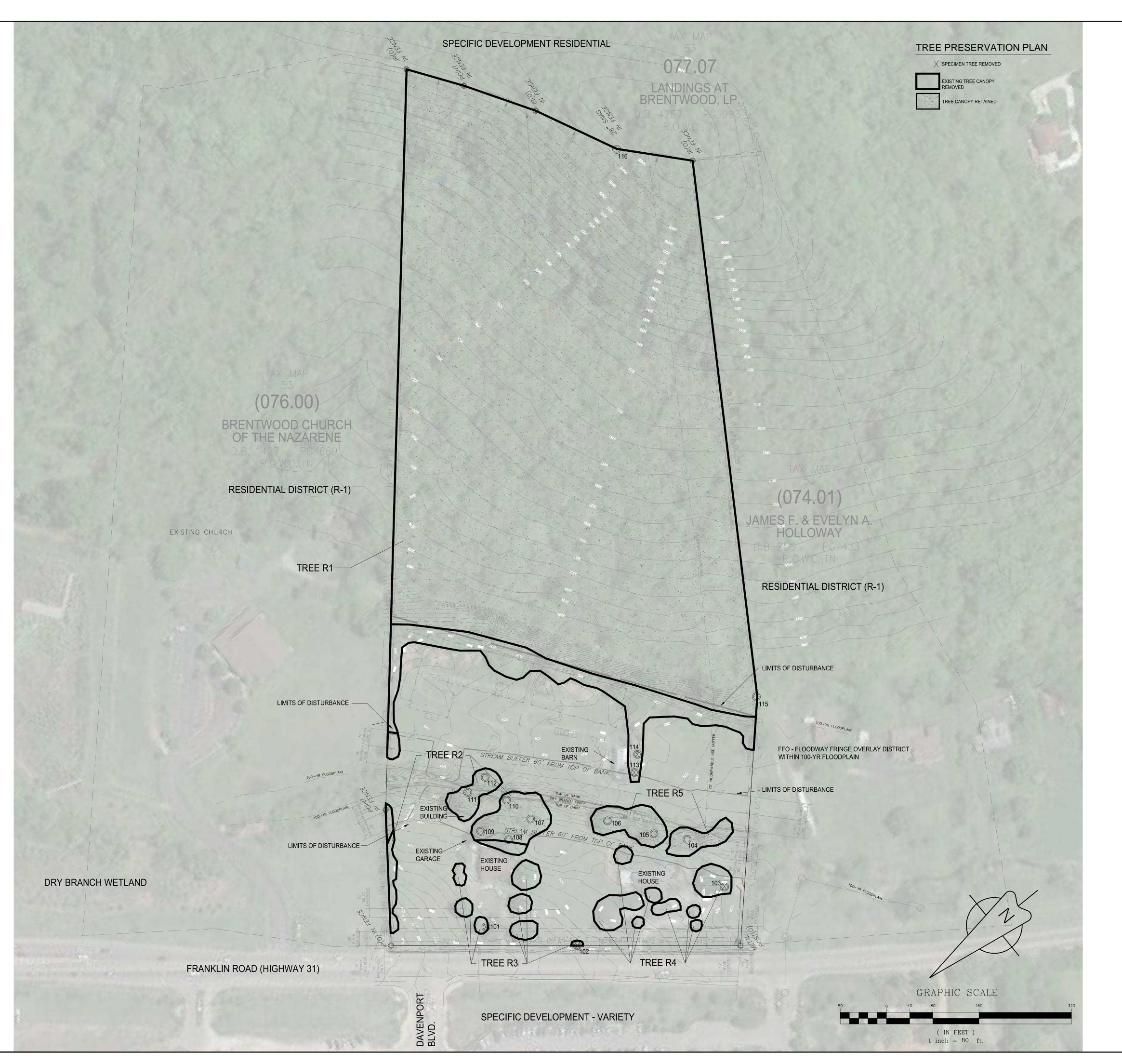
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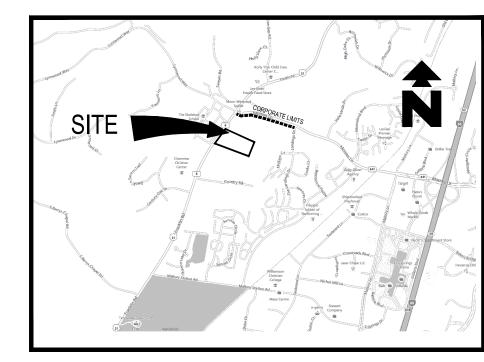
UTILITY PL/
HIGHWAY 31 AND D,
MAP 53 AND PARCELS

FRANKLIN, WILLIAMSON CO

JOB NUMBER 145061

SHEET NUMBER C-7.0





VICINITY MAP

TABLE 5-2: TREE CANOPY RETENTION STANDARDS

EXISTING TREE CANOPY - 60% - 79%

MINIMUM REQUIRED TREE CANOPY RETENTION BY ZONING - SD-X 18%

EXISTING TREE CANOPY COVER - 63.32%

PROPOSED TREE CANOPY COVER - 63.32%

TREE REPALCEMENT 2" REPLACEMENT FOR EVERY 1" REMOVED

MINERAL RIGHTS WILL BE HELD BY THE PROPERTY OWNER

EXISTING SITE SUMMARY

TOTAL SITE AREA - 19.17 ACRES

SITE USE - RESIDENTIAL

TOTAL RESIDENTIAL USE - 19.17 ACRES

SPECIMEN TREE SURVEY

Number	Туре	Size	Health	Status
101	TREE	38"	POOR	REMOVED
102	TREE	24"	POOR	REMOVED
103	TREE	36"	FAIR	REMOVED
104	TREE	48"	FAIR	
105	TREE	36"	FAIR	
106	TREE	28"	FAIR	
107	TREE	38"	FAIR	
108	TREE	32"	FAIR	
109	TREE	48"	POOR	
110	TREE	36"	POOR	
111	TREE	30"	FAIR	
112	TREE	24"	FAIR	
113	TREE	32"	FAIR	REMOVED
114	TREE	26"	FAIR	REMOVED
115	TREE	48"	GOOD	
116	TREE	28"	GOOD	

SPECIMEN TREES REMOVED: 5 TOTAL HEALTHY INCHES REMOVED: 94 INCHES

REPLACEMENT RATIO: 2:1 REPLACEMENT REQUIRED: 188 INCHES

TREE CANOPY RETENTION

TREE CAINOFT RETEINTION						
EXISTING	REMOVED	REMAININ				
CANOPY	CANOPY	CANOP				
559,731 SF	27,866 SF	531,865 \$				
16,429 SF	3,144 SF	13,285 SF				
6,439 SF	6,439 SF	0 SF				
9,752 SF	9,752 SF	0 SF				
10,400 SF	0 SF	10,400 SF				
602,751 SF	47,201 SF	555,550 \$				
13.83 AC	1.08 AC	12.75 AC				
	EXISTING CANOPY 559,731 SF 16,429 SF 6,439 SF 9,752 SF 10,400 SF 602,751 SF	EXISTING REMOVED CANOPY CANOPY 559,731 SF 27,866 SF 16,429 SF 3,144 SF 6,439 SF 6,439 SF 9,752 SF 9,752 SF 10,400 SF 0 SF 602,751 SF 47,201 SF				

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47187C0205F, DATED SEPTEMBER 29, 2006 AND A PORTION OF THE PROPERTY IS LOCATED WITHIN AND AREA ZONE X AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 47187C0205F DATED SEPTEMBER 29, 2006

SITE REFERENCES TENNESSEE STATE PLANE COORDINATE SYSTEM, ZONE 5301, FIPSZONE 4100: NAD83 DATUM

CITY OF FRANKLIN ID #4692



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Civil Engineering
Brentwood, TN 37027 * (615) 953-2998 TSQUARE Consulting (7101 Sharondale Ct. * Bre

BRANCH

JOB NUMBER 145061

SHEET NUMBER C-8.0