BEBB OAK MEADOWS MIXED USE DEVELOPMENT 2800 S. ROCHESTER RD. ROCHESTER HILLS, MI 48307

5

APPLICABLE CODES:

BUILDING CODE:

COMMERCIAL MBC 2015 (2015 MICHIGAN BUILDING CODE 2015) EFFECTIVE APRIL 20, 2017

MECHANICAL CODE: MMC 2015 (MICHIGAN MECHANICAL CODE 2015) EFFECTIVE APRIL 20, 2017

PLUMBING CODE: MPC 2015 (MICHIGAN PLUMBING CODE 2015) EFFECTIVE APRIL 20, 2017

ELECTRICAL CODE: NEC 2017 (STATE OF MICHIGAN ELECTRICAL CODE) 2017 NATIONAL ELECTRIC CODE WITH PART 8 AMENDMENTS. EFFECTIVE JANUARY 4, 2019

ENERGY CODE:

MBC 2015 (MICHIGAN BUILDING CODE 2015) -CHAPTER 13 & MEC 2015 (MICHIGAN ENERGY CODE 2015) - CHAPTERS 1 THROUGH 6 & MICHIGAN ENERGY CODE, PART 10A. RULES (ANSI/ASHRAE/IES STANDARD 90.1-2013) ENERGY STANDARDS FOR BUILDINGS EFFECTIVE SEPTEMBER 20, 2017

..... SOUTHBOUND

FIRE CODE: IFC 2015 (INTERNATIONAL FIRE CODE 2015) AS REFERENCED IN 2015 MICHIGAN BUILDING CODE

BARRIER FREE REQUIREMENTS: ICC / ANSI 117.1 - 2009

LIFE SAFETY CODES: FIRE SUPPRESSION: COMMERCIAL: NFPA 13 (2013)

FIRE ALARM: NFPA 72 (2013) KITCHEN HOODS: NFPA 17A (2013)

ROCHESTER ROAD

PROJECT DATA:

BUILDING CODE AUTHORITY:	FIRS
CITY OF ROCHESTER HILLS	GRC
TYPE OF CONSTRUCTION: MECCHEN	SEC
TYPE IIB	GRC
USE GROUPS: (MECCON)	THIF
SEPARATED OCCUPANCIES IN ACCORDANCE WITH SECTION 508.4,	GRC
CONSISTING OF THE FOLLOWING: GROUP R-2 (APARTMENTS) GROUP M (MERCANTILE)	FOU GRC
GROUP A-2 (RESTAURANT)	<u>ACT</u>

FIRE PROTECTION: ENTIRE BUILDING SHALL BE EQUIPPED WITH AUTOMATIC SPRINKLER SYSTEM AND FIRE ALARM IN ACCORDANCE WITH CHAPTER 9 MBC 903.3.1.1 BUILDING HEIGHT AND NUMBER OF STORIES: MAXIMUM BUILDING HEIGHT (TABLE 504.3) GROUP A SPRINKERED - 75' MAX ABOVE GRADE GROUP M SPRINKLERED-75' MAX ABOVE GRADE

GROUP R SPRINKLERED-75' MAX ABOVE GRADE NUMBER OF STORIES (TABLE 504.4) GROUP A-2 (FIRST FLOOR ONLY) 2 STORIES MAX ABOVE GRADE GROUP M (FIRST FLOOR ONLY) 3 STORIES MAX ABOVE GRADE GROUP R-2- 5 STORIES MAX ABOVE GRADE

BUILDING AREA

FRONTAGE INCREASE: L_f = [F/P-.25] W/30 L_f = [1411/1411-.25] $\frac{30}{30}$ L_f = .75

BUILDING AREA CONT. ALLOWABLE AREA PER FLOOR INCLUDING FRONTAGE INCREASE RST FLOOR: ROUP A -2 35,625 SF / GROUP M 46,875 SF / GROUP R-2 60,000 SF COND FLOOR: ROUP R-2 60,000 SF IRD FLOOR: ROUP R-2 60,000 SF JRTH FLOOR OUP R-2 60,000 SF CTUAL AREA PER FLOOR FIRST FLOOR: GROUP A -2 3,503 SF / GROUP M 10,245 SF / GROUP R-2 18,714 SF SECOND FLOOR: GROUP R-2 32,504 SF THIRD FLOOR: GROUP R-2 32,504 SF FOURTH FLOOR TOTAL SF = 121,796 GROUP R-2 24,326 SF AREA RATIO CALCULATION PER FLOOR FIRST FLOOR: 0.10 + 0.22 + 0.31 = 0.63 SECOND FLOOR: 0.54 THIRD FLOOR: 0.54 FOURTH FLOOR: 0.41 TOTAL = 2.12 OK <3

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FACADE TRANSPARENCY

GROUND FLOOR NON-RESIDENTIAL USE MIN. 70% MEASURED FROM 2'-8' ABOVE SIDEWALK: 1180 SF TRANSPARENCY/ 1595 GSF= 73.9% ACTUAL: COMPLIES

UPPER FLOOR RESIDENTIAL RESIDENTIAL USE MIN 20% 9546 SF TRANSPARENCY/ 43,428 GSF = 21.9%: COMPLIES

BUILDING MATERIALS

PRIMARY MATERIALS MIN. 60% 39,247 SF OF PRIMARY MATERIAL/ 52,215 (TOTAL GSF LESS WINDOWS AND DOORS) =75.2%

ACCENT MATERIALS MAX 40% 12,928 SF OF ACCENT MATERIAL/ 52,215 (TOTAL GSF LESS WINDOWS AND DOORS) =24.8%

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SHEET INDEX				
	DRAWING INDEX KEY:	1	AL	AL
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GEN				
TS1.1	TITLE SHEET, SHEET INDEX, AND CODE ANALYSIS			
<u>SITE</u>				
1 of 9	EXISTING CONDITIONS PLAN & BENCHMARKS			\cap
2 of 9	DEMOLITION PLAN	Ĭ	Ĭ	Ŏ
3 of 9	OVERALL SITE PLAN			
4 of 9	DETAILED SITE PLAN - EAST			
5 of 9	DETAILED SITE PLAN - WEST			0
6 of 9	FIRE PROTECTION PLAN			
7 of 9	STORM SEWER, DETENTION CALCULATIONS AND DETAILS			0
8 of 9	SANITARY CALCULATIONS AND DETAILS	-		0
9 of 9	MDOT NOTES & DETAILS			
SL.1 L1	SITE LIGHTING PLAN, PHOTOMETRIC, AND SPECIFICATIONS LANDSCAPE PLAN			$\left \begin{array}{c} 0 \\ 0 \end{array} \right $
L2	LANDSCAPE PLAN SPECIFICATIONS AND DETAILS			0
ARCH	HITECTURAL			
A1.1	FIRST FLOOR PLAN		\cap	
A1.1	SECOND FLOOR PLAN	Ť	$\overline{0}$	$\overline{0}$
A1.3	THIRD FLOOR PLAN		$\overline{0}$	\overline{O}
A1.4	FOURTH FLOOR PLAN	Ť	$\overline{0}$	\overline{O}
A3.1	EXTERIOR ELEVATIONS		Ō	
A3.2	EXTERIOR ELEVATIONS AND DETAILS			Ō
A3.3	EXTERIOR RENDERINGS			

OWNER

OYK AFFILIATED. LLC

ARCHITECT

STUCKY VITALE ARCHITECTS 27172 WOODWARD AVENUE **ROYAL OAK. MICHIGAN 48067** (248) 546-6700

CIVIL ENGINEER:

KIEFT ENGINEERING, INC 5852 S. MAIN ST. SUITE 1 CLARKSTON, MI 48346 (248) 625-5251

PROPERTY DESCRIPTION

Tax Id Number: 15-27-477-058

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF OAKLAND, STA TE OF MICHIGAN, AND IS DESCRIBED AS FOLLOWS:

LAND SITUATED IN THE STATE OF MICHIGAN, COUNTY OF OAKLAND, CITY OF ROCHESTER HILLS.

LAND IN THE SOUTHEAST 1/4 OF SECTION 27, TOWN 3 NORTH, RANGE 11 EAST, CITY OF ROCHESTER HILLS, OAKLAND COUNTY MICHIGAN, DESCRIBED AS: COMMENCING AT THE SOUTHEAST SECTION CORNER: THENCE ALONG THE SECTION LINE, NORTH 00 DEGREES 42 MINUTES 00 SECONDS EAST, 985.00 FEET TO THE POINT OF BEGINNING; THENCE NORTH 89 DEGREES 22 MINUTES 00 SECONDS WEST, 603.90 FEET; THENCE NORTH 88 DEGREES 52 MINUTES 00 SECONDS WEST, 57.88 FEET TO THE EASTERLY LINE OF EYSTER'S AVON GARDENS SUBDIVISION, RECORDED IN LIBER 31, PAGE 46 OF PLATS, OAKLAND COUNTY RECORDS; THENCE ALONG THIS LINE, NORTH 00 DEGREES 44 MINUTES 48 SECONDS EAST. 328.00 FEET: THENCE SOUTH 89 DEGREES 00 MINUTES 20 SECONDS EAST. 661.59 FEET TO THE SECTION LINE; THENCE SOUTH 00 DEGREES 42 MINUTES 00 SECONDS WEST, 324.33 FEET TO THE POINT OF BEGINNING, EXCEPT THE EASTERLY 33 FEET FOR ROAD.

ALSO DESCRIBED AS PER ASSESSING DEPARTMENT:

T3N, R11E, SEC 27 PART OF SE 1/4 BEG AT PT DIST N 00-42- 00 E 979.73 FT FROM SE SEC COR, TH N 00-42-00 E 227.60 FT, TH N 89- 02- 06 W 660.91 FT, TH S 00-42-00 E 226 FT, TH S 88-54-37 E 660.92 FT TO BEG, ALSO N 102 FT OF S 1309.33 FT OF E 660 FT OF SE 1/4.

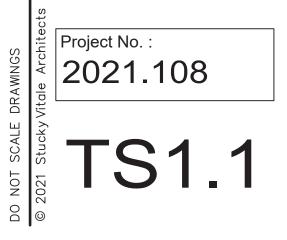
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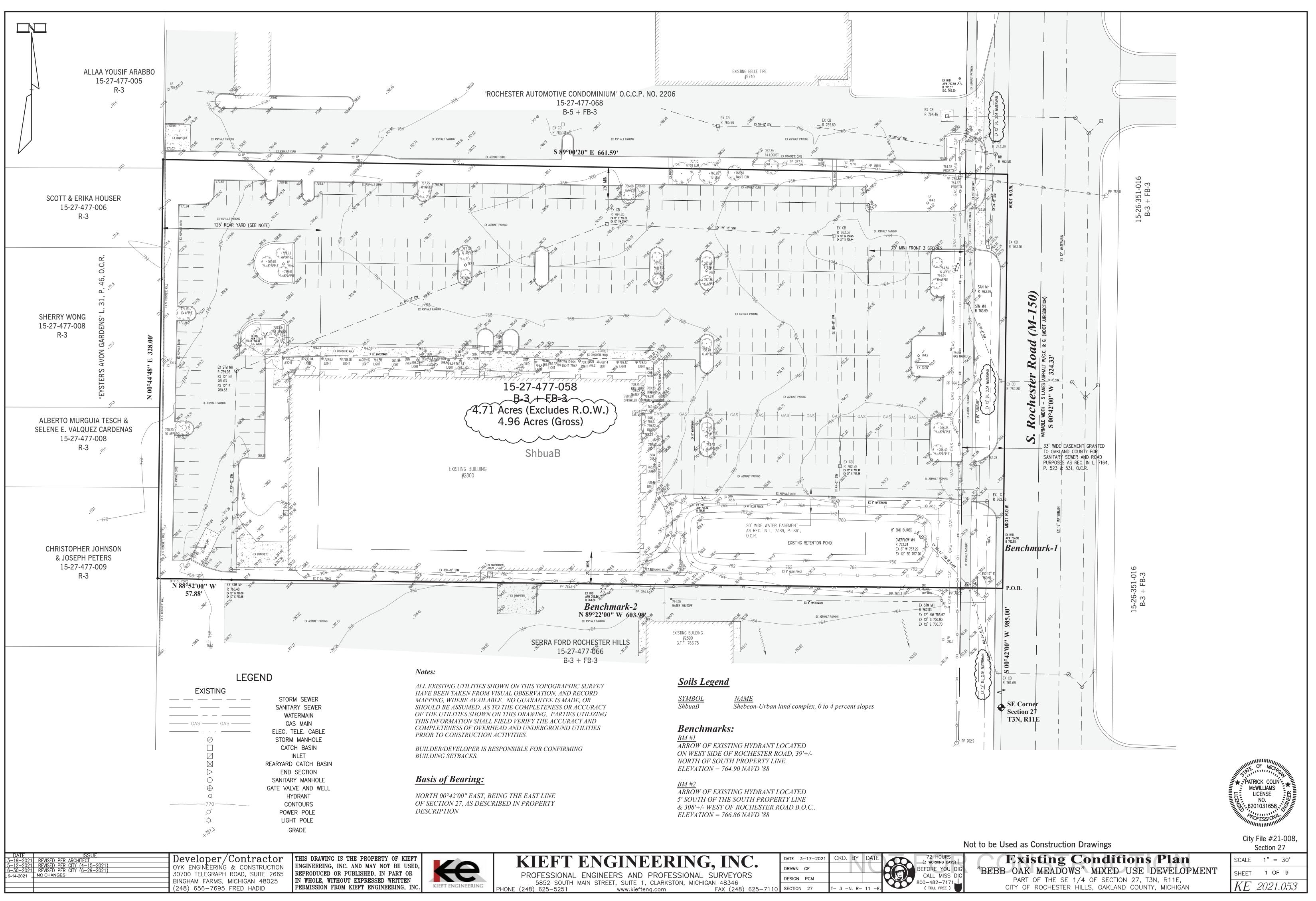
SVA	
STUCKY VITALE A 27172 WOODWAR Royal Oak, MI 4 P. 248.546.670 F. 248.546.845 WWW.STUCKYVI	AVENUE 8067-0925 0 4
STATEMENT OF INTELLECTUA THE IDEAS, CONCEPTS, DRAV CONVEYED HEREIN ARE THE PROPERTY OF STUCKY VITALE OF DRAWINGS, IN WHOLE O REPRODUCED, WITHOUT THE STUCKY VITALE ARCHITECTS. PROTECTED UNDER U.S. COP RIGHTS RESERVED Consultants:	VINGS AND THOUGHTS INTELLECTUAL E ARCHITECTS. THIS SE R IN PART, MAY NOT B WRITTEN CONSENT OF THIS INFORMATION IS
Project : 3EBB OAK MEAI	
AIXED USE DEV 2800 S. ROCHES ROCHESTER HII	ELOPMENT
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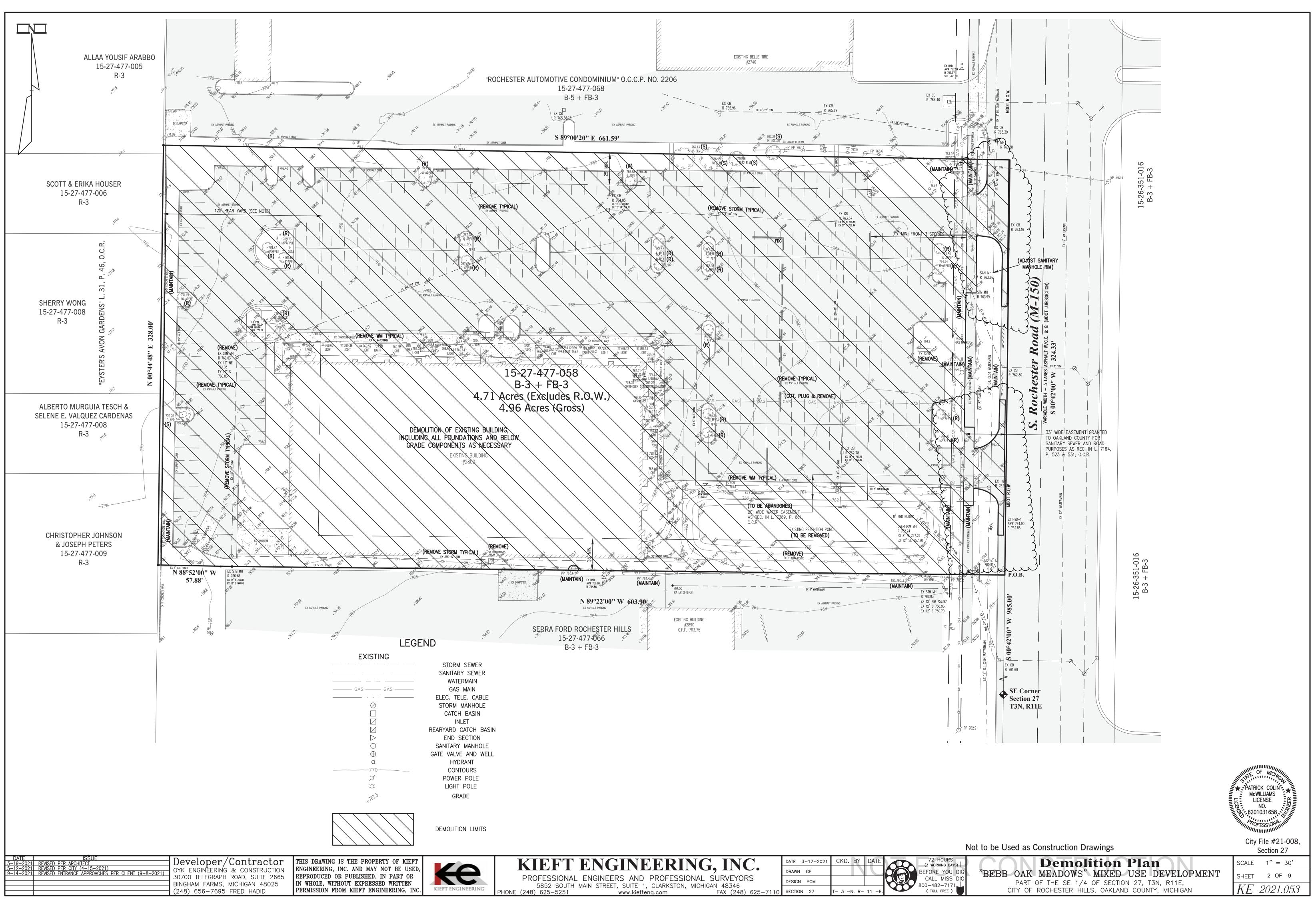


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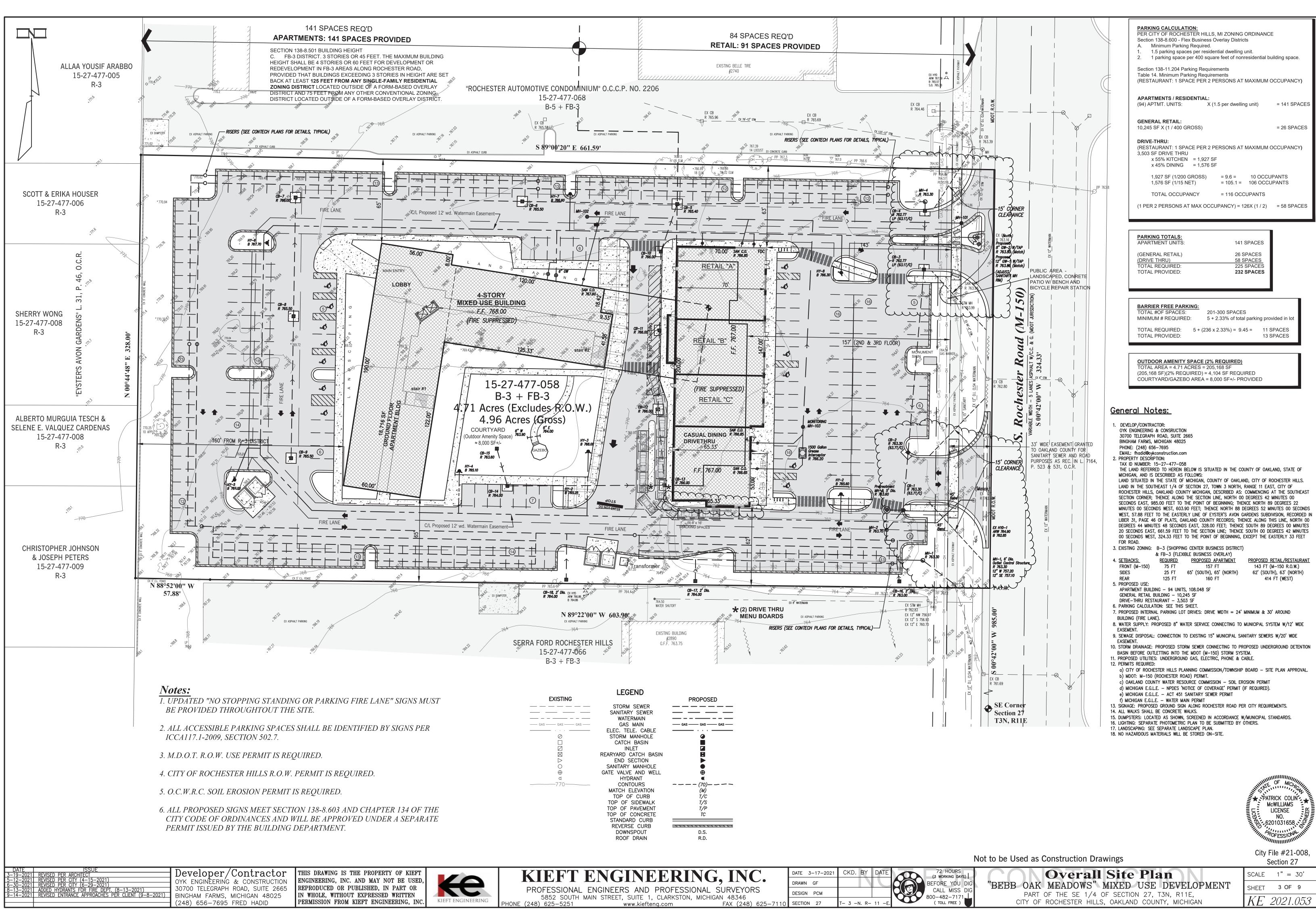
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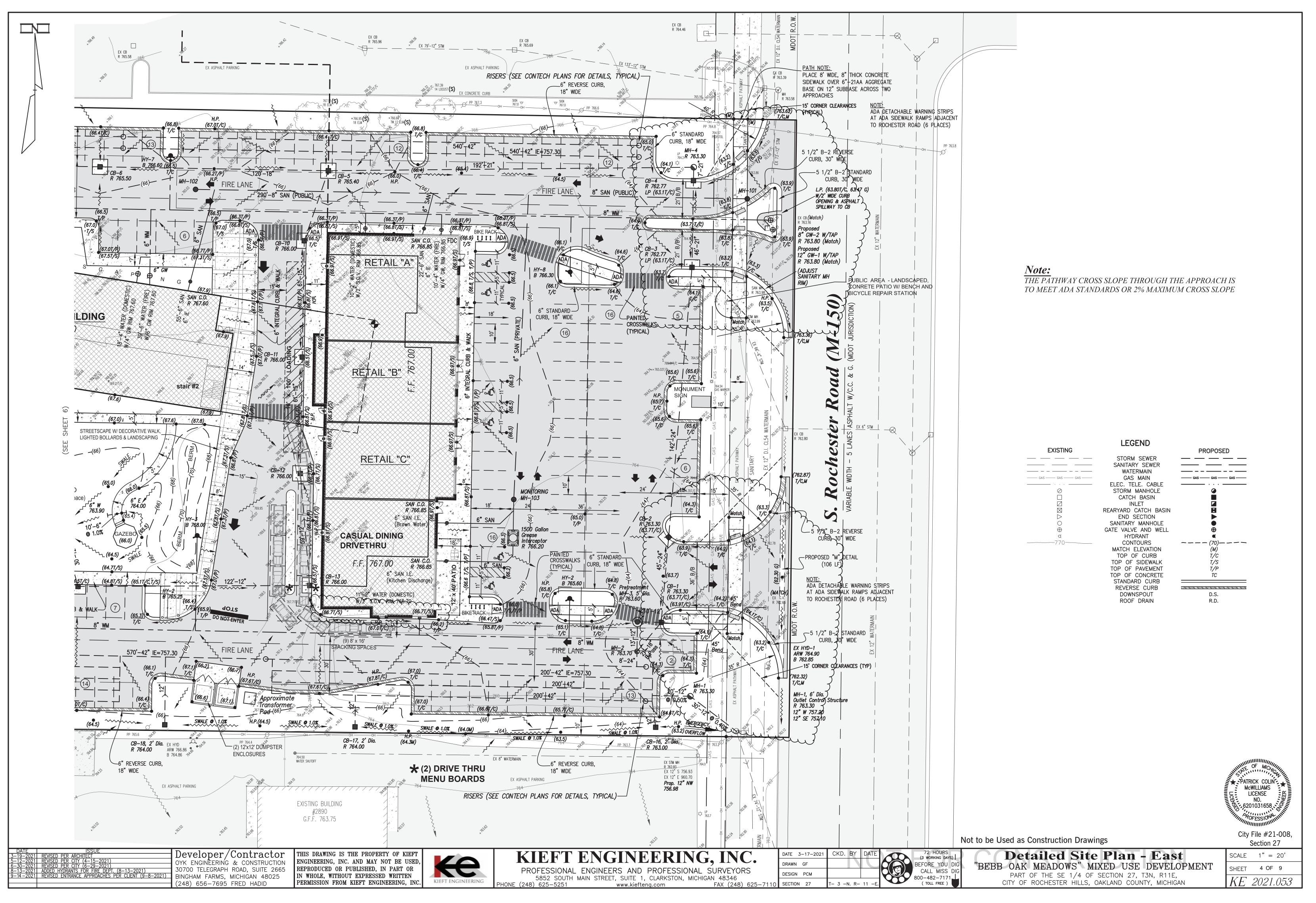






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		ENGINEERS AND PROFESSIC MAIN STREET, SUITE 1, CLARKSTON,		DESIGN PCM			0	
EFT ENGINEERING	PHONE (248) 625-5251	www.kiefteng.com	FAX (248) 625-7110	SECTION 27	T– 3 –N. R–	11 –E.	V	





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