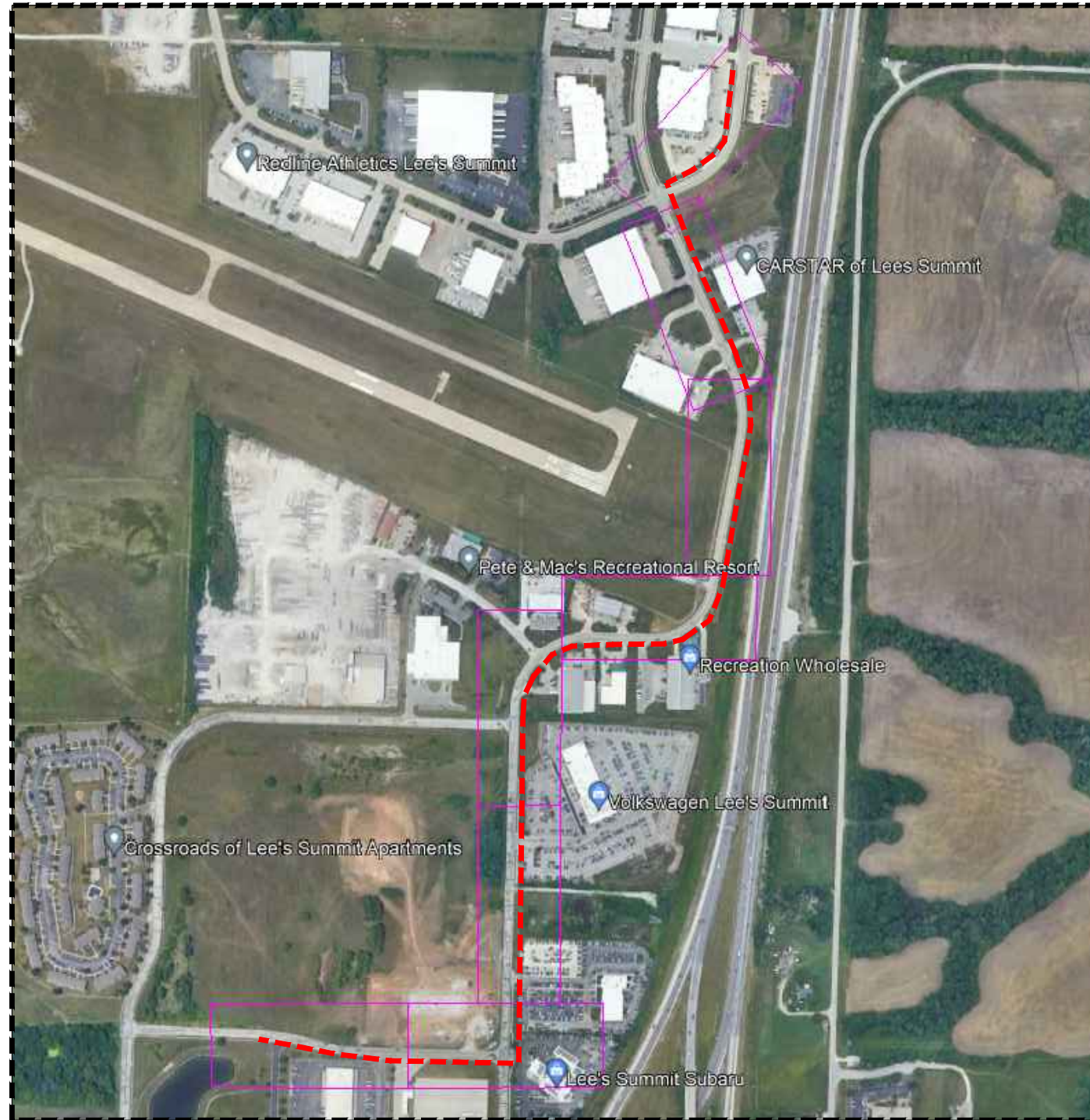
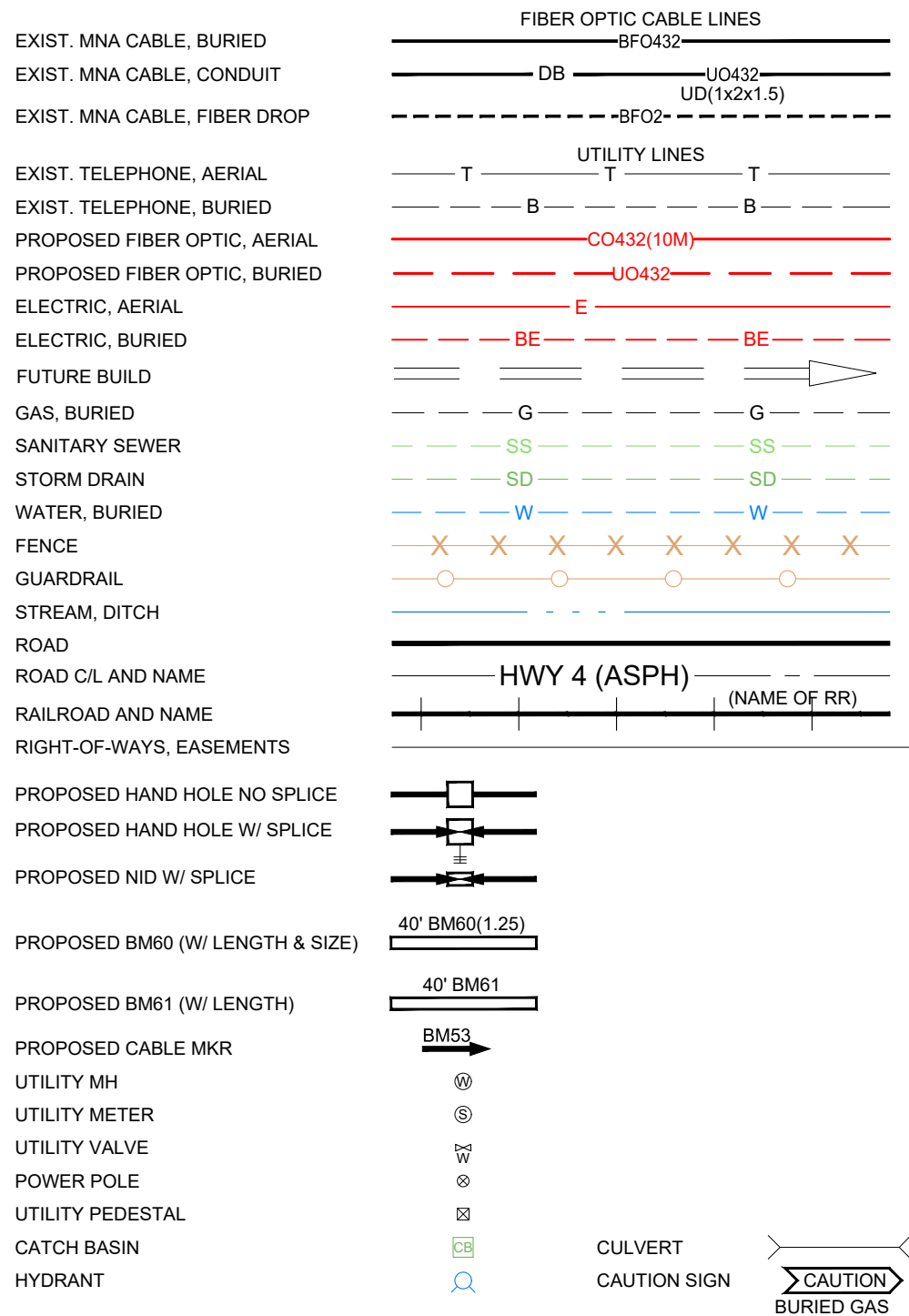




PERMITS REQD	
MODOT	☒
COUNTY	☐
CITY	☒
OTHER	☐

[illegible]

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CONTACT INFORMATION:

STATE ONE- CALL ORGANIZATION:
811 MISSOURI

BLUEBIRD OSP ENGINEER (S):
KAYLA BIX (816)-745-0899

ADDITIONAL R/W INFORMATION :

RIGHT OF WAY DISCLAIMER
RIGHT OF WAY LINES HAVE BEEN SCALED FROM THE
MOST CURRENT AND AVAILABLE CITY, COUNTY &
STATE RESOURCES.
STATE ROW MARKERS ARE PLOTTED ON WORKPRINTS
WHEN VISIBLE DURING FIELD ENGINEERING.

HAND HOLE (NO SPLICE) INFORMATION

XXX+XX
HH # X

GPS: _____

	WALL	WALL	
N			N
S			S
E			E
W			W

[432] FIBER COUNT
PL 100' COIL

HAND HOLE (SPLICE) INFORMATION

XXX+XX
HH # X

GPS: _____

WALL		END	END	WALL	
N S E W				N S E W	
[432] FIBER COUNT PL 50' COIL				[432] FIBER COUNT PL 50' COIL	

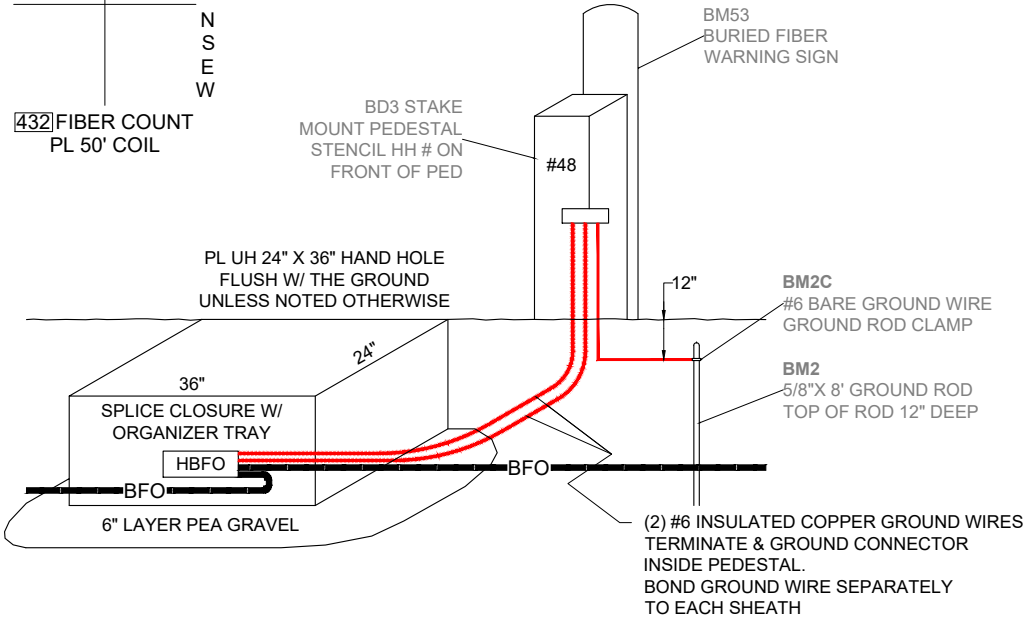
UTILITIES NOTE

UTILITIES NOTE:
GENERAL LOCATIONS OF UTILITIES ARE
NOTED ON PRINTS. NOT ALL UTILITIES ARE
SHOWN. CONTRACTOR IS RESPONSIBLE
FOR LOCATING ALL UTILITIES BEFORE
DIGGING.

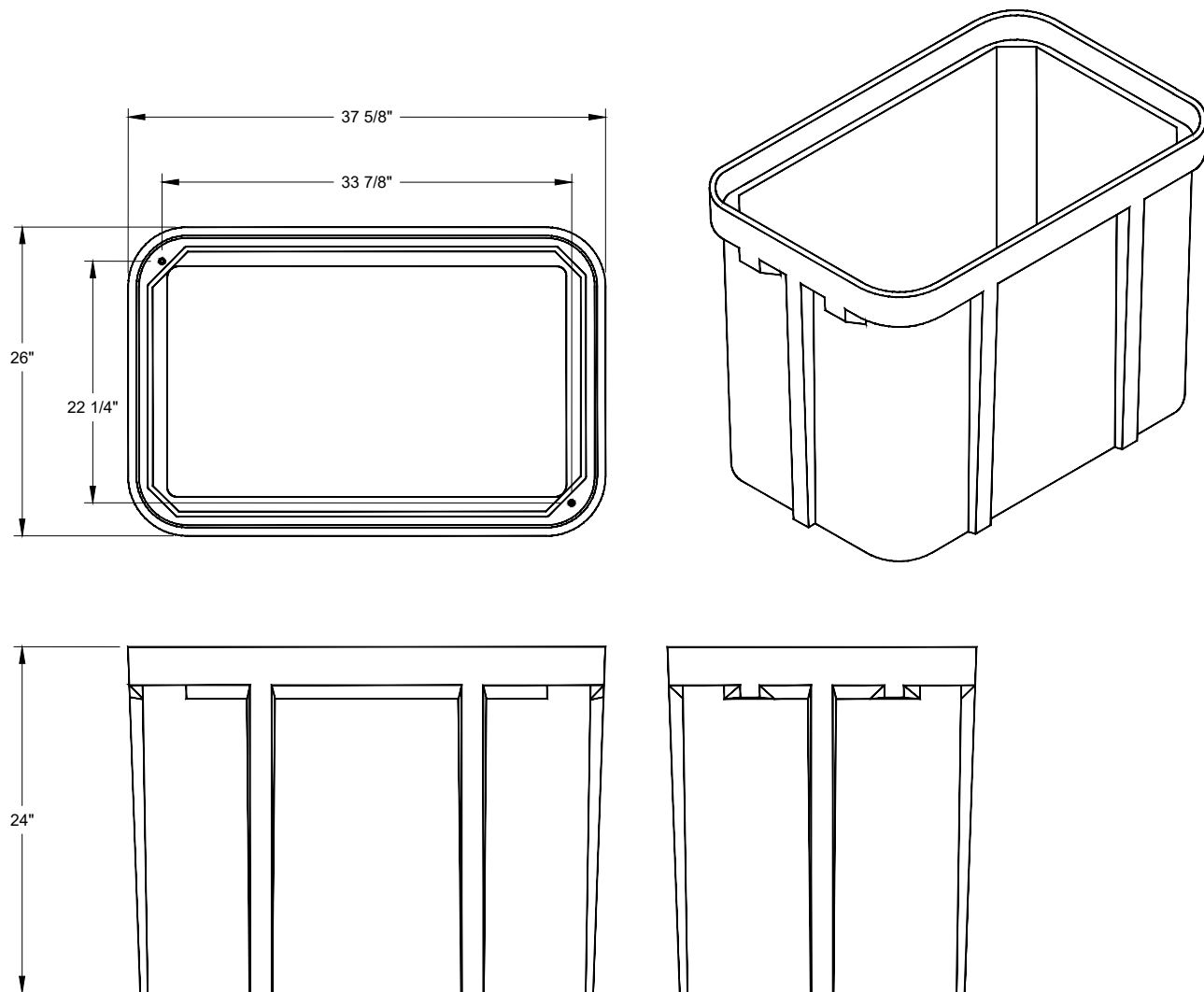
GENERAL NOTES:

1. BURY MAINLINE CABLE MINIMUM DEPTH OF 36" UNLESS NOTED OTHERWISE.
2. BURY SERVICE ENTRANCE CABLE MINIMUM DEPTH OF 18" UNLESS OTHERWISE NOTED.
3. GENERAL LOCATIONS OF UTILITIES ARE NOTED ON PRINTS; HOWEVER NOT ALL UTILITIES ARE SHOWN. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES BEFORE DIGGING.
4. CONTACT THE LOCAL ONE-CALL ORGANIZATION 48 HOURS PRIOR TO CONSTRUCTION. TO REQUEST LOCATES, DIAL 811 OR 800-DIG-RITE (800-344-7483) .
5. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.
6. REPAIR ALL YARDS, DRIVEWAYS AND RIGHTS-OF-WAY TO ORIGINAL OR BETTER CONDITION.
7. MAINTAIN MINIMUM 12" SEPARATION FROM BURIED POWER.
8. CONTRACTOR TO PROVIDE GPS READINGS FOR HAND HOLES PLACED ON THIS PROJECT ON AS-BUILTS DRAWINGS.

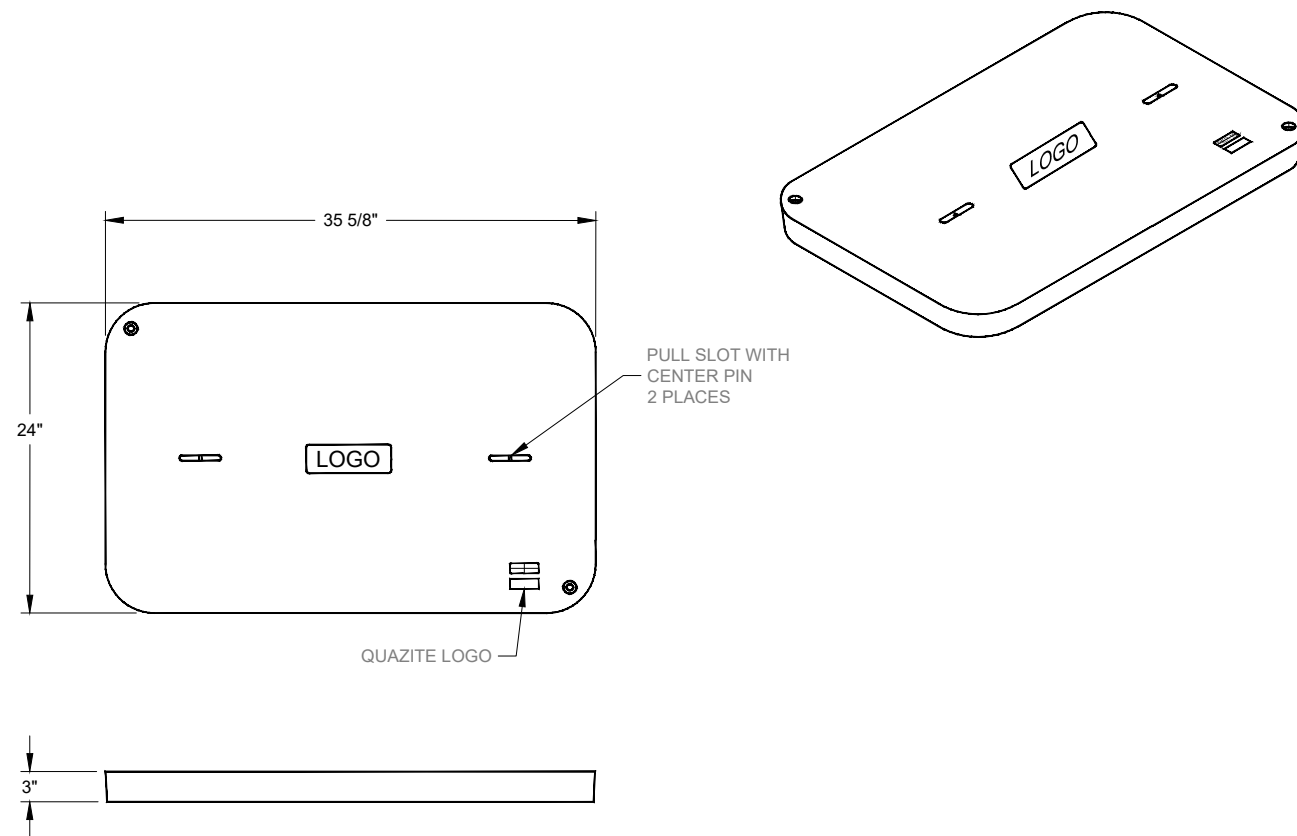
TYPICAL MATERIALS & DETAIL OF FIBER HANDHOLE & SPLICE

[illegible]

DETAIL A
QUAZITE HAND HOLE
NOT TO SCALE



DETAIL B
QUAZITE HAND HOLE COVER
NOT TO SCALE



TIER 22 APPLICATION:
DRIVEWAY, PARKING LOT, AND OFF-ROADWAY APPLICATIONS SUBJECT TO OCCASIONAL
NON-DELIBERATE HEAVY VEHICULAR TRAFFIC.

VERTICAL DESIGN LOAD	22,500 LBS
VERTICAL TEST LOAD	33,750 LBS

LATERAL DESIGN LOAD	800 LBS/SQ FT
LATERAL TEST LOAD	1,200 LBS/SQ FT

[illegible]

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0+00
EX HH

GPS:

GPS:

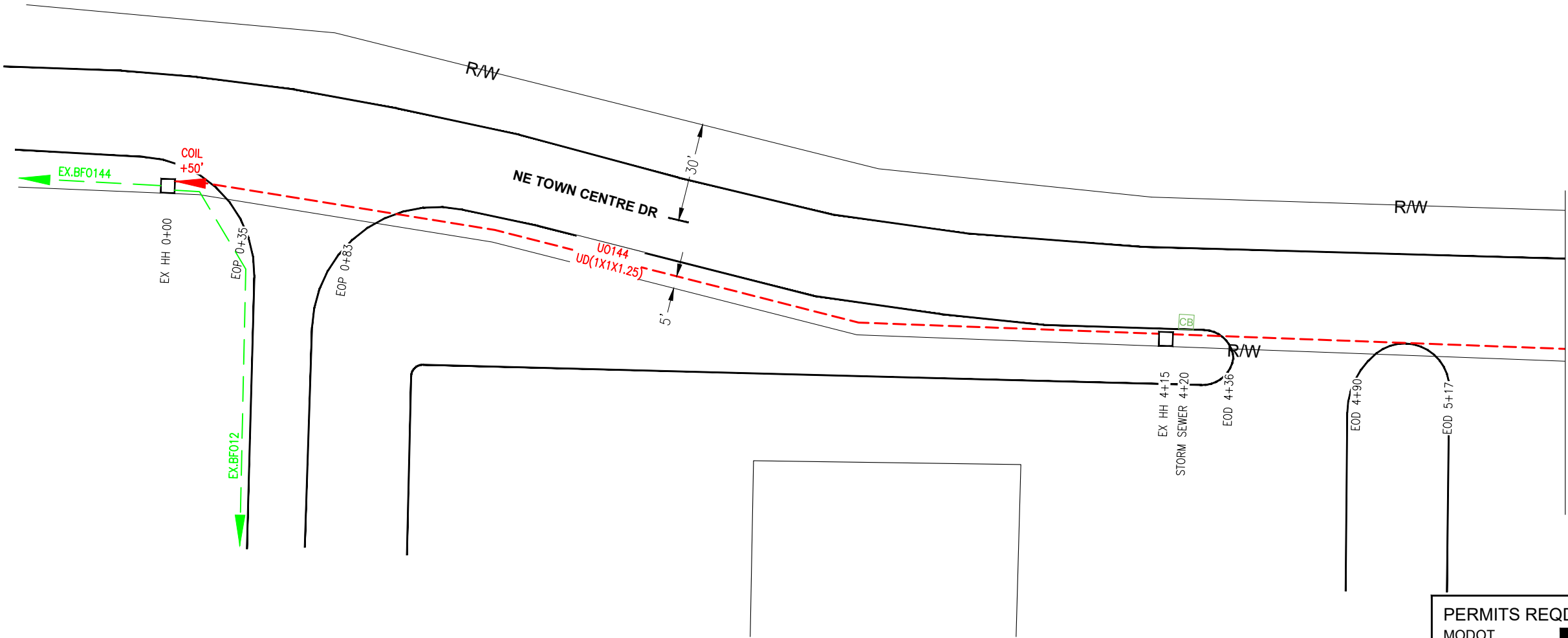
END

WALL

N
S
E
W

N
S
E
W

PL. 144 FIBER CABLE
PL. 50' COIL



PERMITS REQD

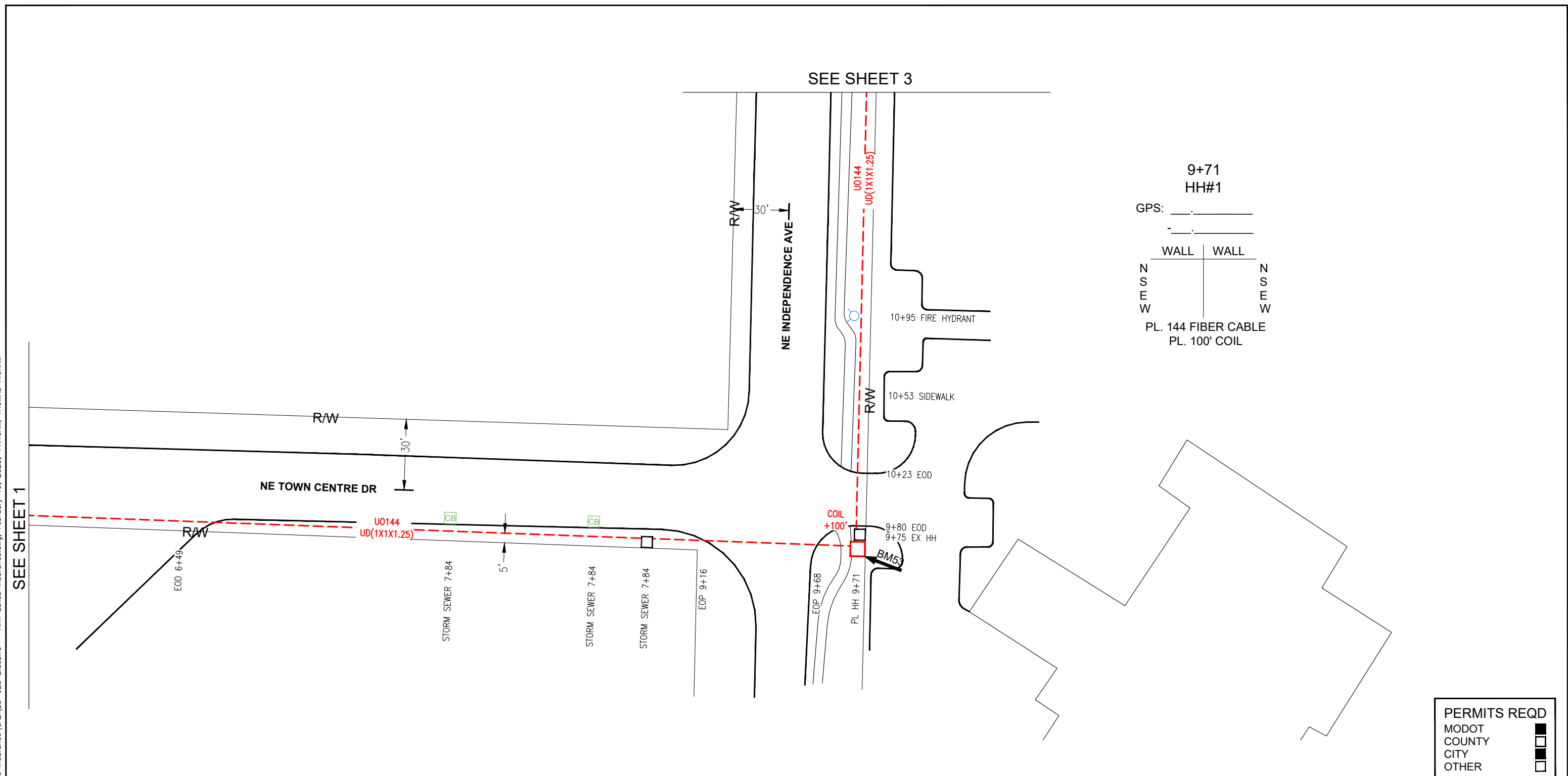
MODOT

COUNTY

CITY

OTHER

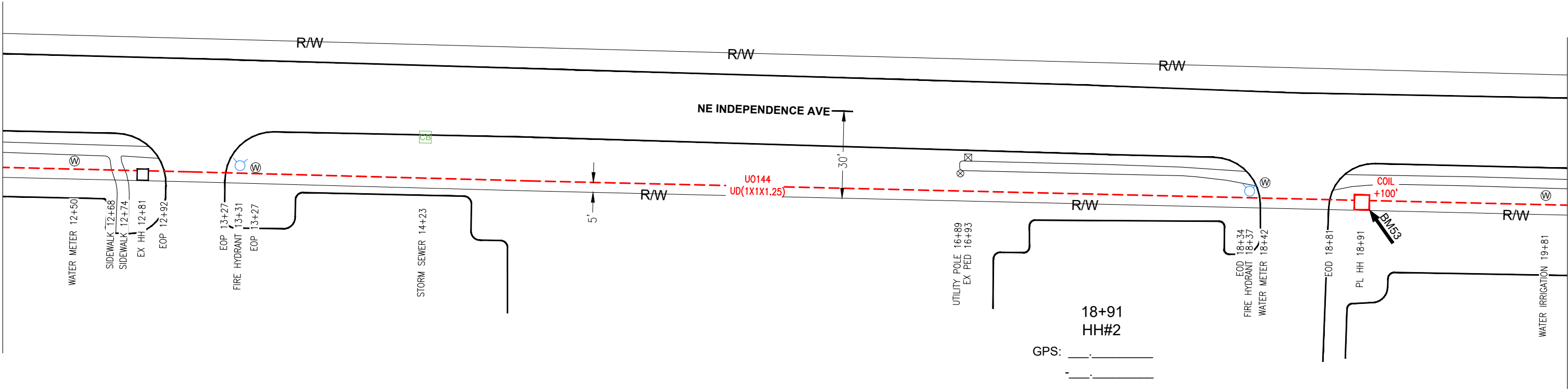
HH #	POLE N / C	UO6	UO6IE	UO96	UO144			UD (1x1x1.25)	UD (1x1x2)	UD (1x2x1.25)	UD (1x2x2)	BD3	BM53	BM71	BM73	BM21	BM2C	BM2 (5/8)(8)		HBFO(48)	HBFO(96)	HBFO(144)		WHBFO	HO-1	UH-1 (24" x 36" x 24")	UH-1 (30" x 48" x 36")	WUH	WUD	REVISE BY / DATE																			
	EX HH																1							1	2			1																					
TOTALS																	1								1	2			1																				
STAKED BY/DATE: -				AS-BUILT POSTED:				 800 NW Chipman Rd Lees Summit, MO 64063								PROJECT: TWIN LAKES INSURANCE				TAX DISTRICT						PHONE: 816-361-8821 FAX: 816-361-8848 www.bluebirdnetwork.com				EXCHANGE: LEE'S SUMMIT, MO																			
DRAWN BY/DATE: T.HICKAM				2/9/23																								ROUTE: TWIN LAKES INSURANCE																					
APPROVED BY/DATE:				NOT TO SCALE																							PAR/COUNTY: JACKSON				SHEET 1 OF 8																		



HH #	POLE N/C	UO6	UO6IE	UO96	UO144		UD (1x1x1.25)	UD (1x1x2)	UD (1x2x1.25)	UD (1x2x2)	BD3	BM53	BM71	BM73	BM21	BM2C	BM2 (5/8)(8)		HBFO(48)	HBFO(96)	HBFO(144)		WHBFO	HO-1	UH-1 (24" x 36" x 24")	UH-1 (30" x 48" x 36")	WUH	WUD	REVISE BY / DATE
	HH#1				1071		971					1													1				
TOTALS					1071		971					1													1				
STAKED BY/DATE: -				-		AS-BUILT POSTED:						PROJECT: TWIN LAKES INSURANCE						TAX DISTRICT						PHONE: 816-361-8821 FAX: 816-361-8848 www.bluebirdnetwork.com		EXCHANGE: LEE'S SUMMIT, MO			
DRAWN BY/DATE: T.HICKAM				2/9/23				800 NW Chipman Rd Lees Summit, MO 64063												WORK ORDER: 22-1004-104						ROUTE: TWIN LAKES INSURANCE			
APPROVED BY/DATE:						NOT TO SCALE														PAR/COUNTY: JACKSON						SHEET 2 OF 8			

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SEE SHEET 2



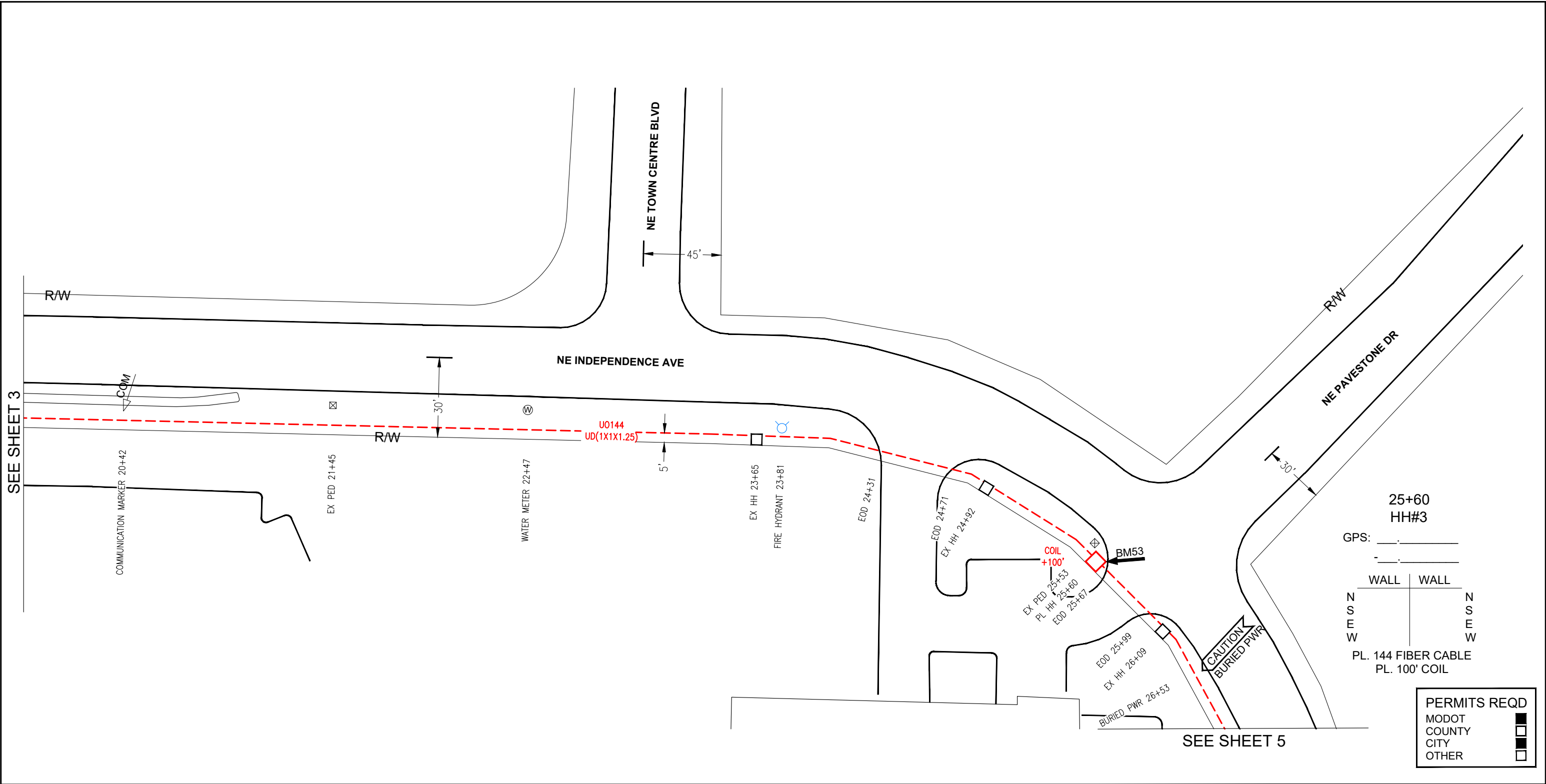
18+91
HH#2
GPS: ____

WALL | WALL
N | N
S | S
E | E
W | W
PL. 144 FIBER CABLE
PL. 100' COIL

PERMITS REQD			
MODOT			
COUNTY			
CITY			
OTHER			

HH #	POLE N/C	UO6	UO6IE	UO96	UO144		UD (1x1x1.25)	UD (1x1x2)	UD (1x2x1.25)	UD (1x2x2)	BD3	BM53	BM71	BM73	BM21	BM2C	BM2 (5/8)(8)		HBFO(48)	HBFO(96)	HBFO(144)		WHBFO	HO-1	UH-1 (24" x 36" x 24")	UH-1 (30" x 48" x 36")	WUH	WUD	REVISE BY / DATE
					1020		920					1													1				
TOTALS					1020		920					1													1				

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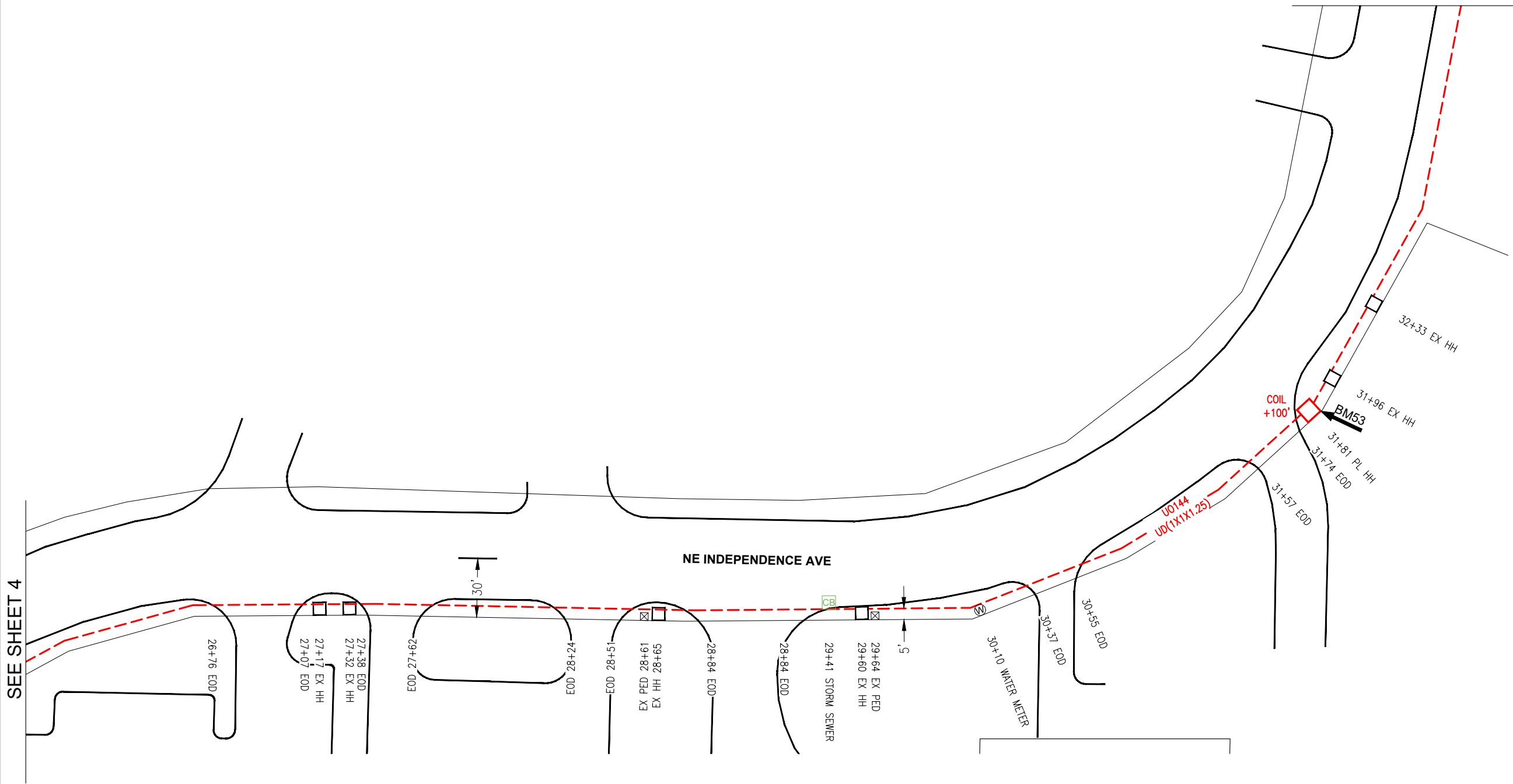


HH #	POLE	UO6	UO6IE	UO96	UO144		UD (1x1x1.25)	UD (1x1x2)	UD (1x2x1.25)	UD (1x2x2)	BD3	BM53	BM71	BM73	BM21	BM2C	BM2 (5/8)(8)		HBFO(48)	HBFO(96)	HBFO(144)		WHBFO	HO-1	UH-1 (24" x 36" x 24")	UH-1 (30" x 48" x 36")	WUH	WUD	REVISE BY / DATE	
	N C																													
HH#3					769		669					1													1					
TOTALS					769		669					1													1					
STAKED BY/DATE: -					-	AS-BUILT POSTED:				NORTH 		PROJECT: TWIN LAKES INSURANCE					TAX DISTRICT							PHONE: 816-361-8821 FAX: 816-361-8848 www.bluebirdnetwork.com			EXCHANGE: LEE'S SUMMIT, MO			
DRAWN BY/DATE: T.HICKAM					2/9/23															WORK ORDER: 22-1004-104							ROUTE: TWIN LAKES INSURANCE			
APPROVED BY/DATE:						NOT TO SCALE														PAR/COUNTY: JACKSON							SHEET 4 OF 8			

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SEE SHEET 4

SEE SHEET 6



31+81
HH#4

GPS: _____

WALL	WALL
N S E W	N S E W

PL. 144 FIBER CABLE
PL. 100' COIL

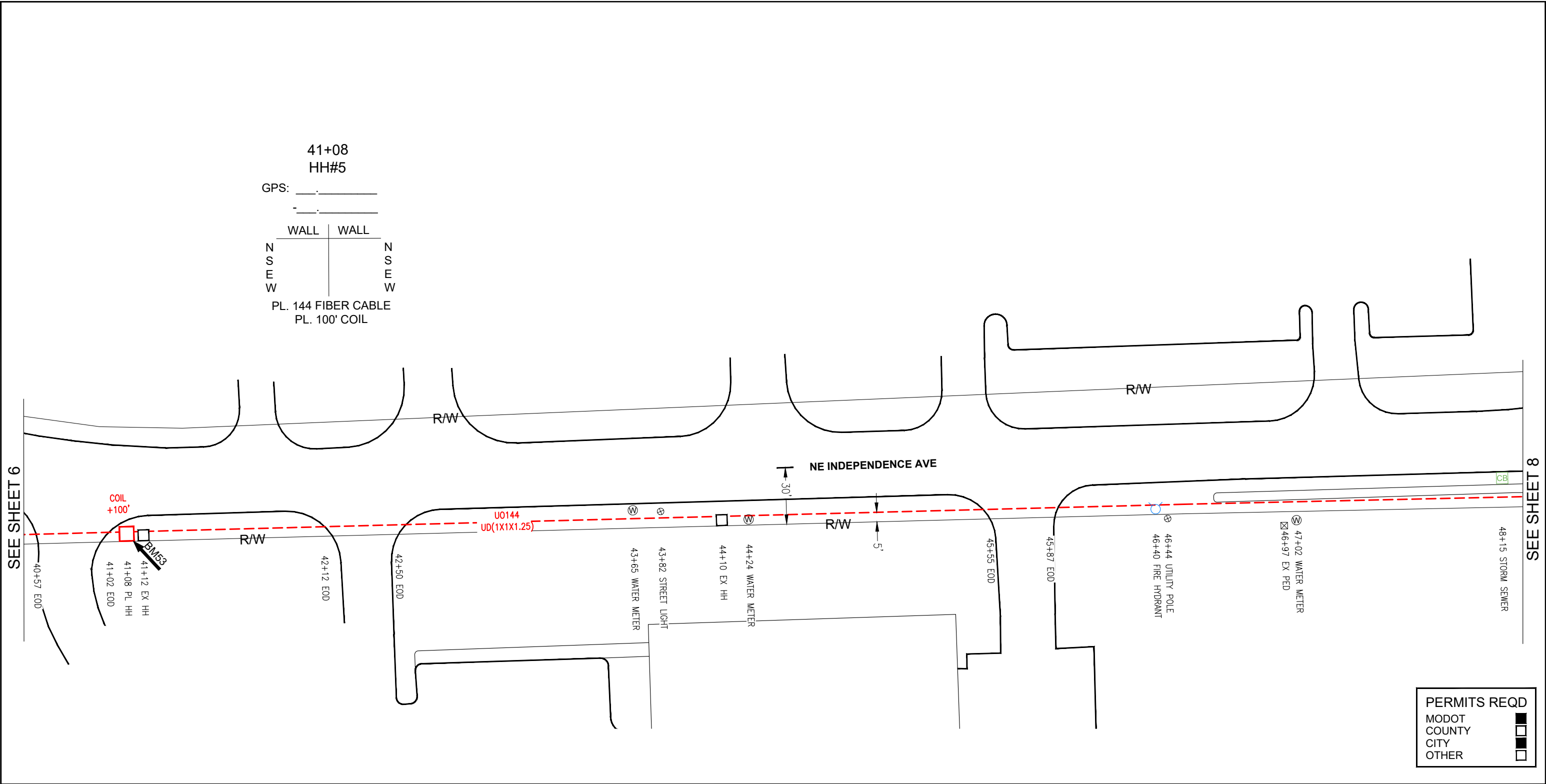
PERMITS REQD

MODOT	☐
COUNTY	☐
CITY	☐
OTHER	☐

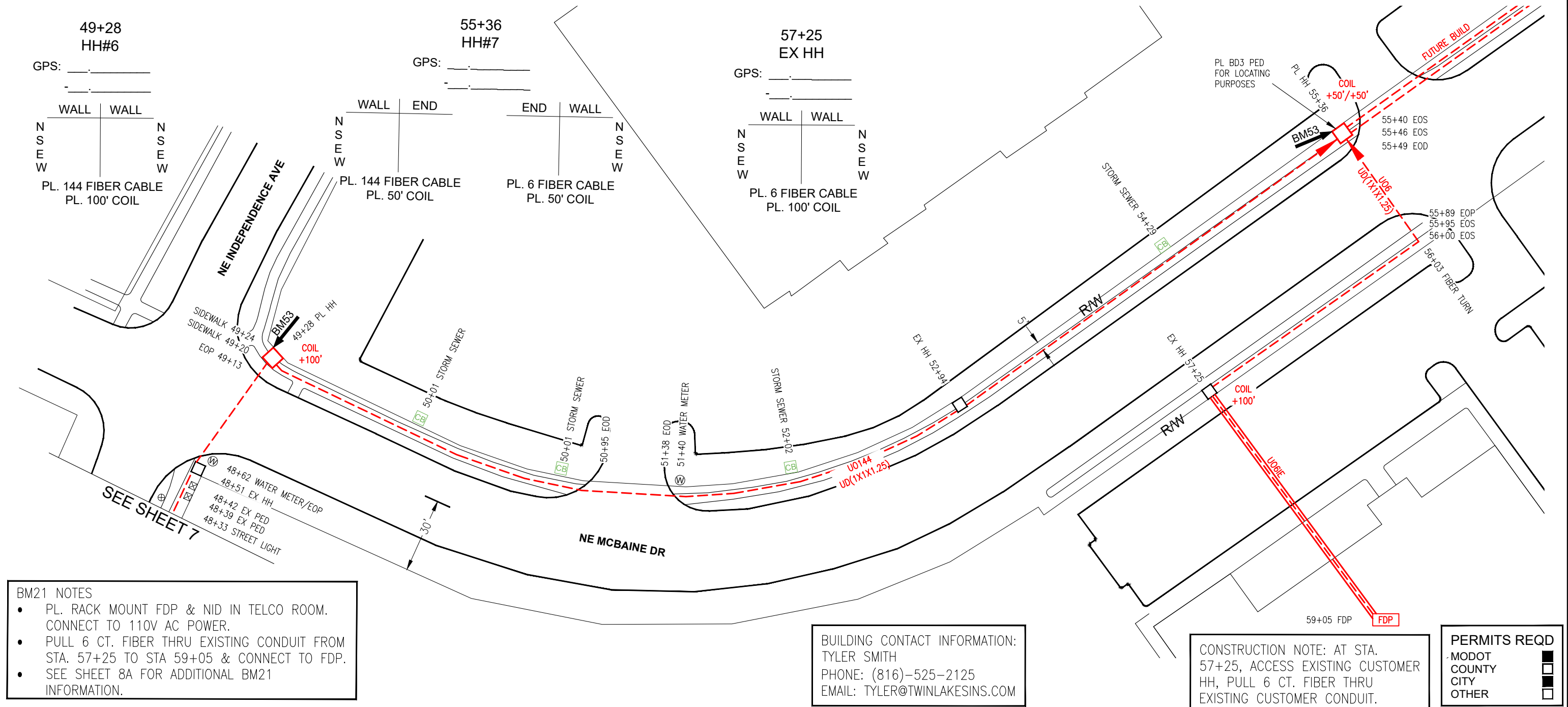
HH #	POLE	UO6	UO6IE	UO96	UO144		UD	UD	UD	UD	BD3	BM53	BM71	BM73	BM21	BM2C	BM2		HBFO(48)	HBFO(96)	HBFO(144)		WHBFO	HO-1	UH-1	UH-1	WUH	WUD	REVISE
	N						C	(1x1x1.25)	(1x1x2)	(1x2x1.25)							(1x2x2)								(5/8)(8)	(24" x 36" x 24")			
HH#4					721		621					1													1				
TOTALS					721		621					1													1				
STAKED BY/DATE: -					-	AS-BUILT POSTED:										PROJECT:				TAX DISTRICT		PHONE: 816-361-8821 FAX: 816-361-8848 www.bluebirdnetwork.com				EXCHANGE: LEE'S SUMMIT, MO			
DRAWN BY/DATE: T.HICKAM					2/9/23																	WORK ORDER: 22-1004-104				ROUTE: TWIN LAKES INSURANCE			
APPROVED BY/DATE:						NOT TO SCALE																PAR/COUNTY: JACKSON				SHEET 5 OF 8			

[illegible]

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HH #	POLE N/C	UO6	UO6IE	UO96	UO144		UD (1x1x1.25)	UD (1x1x2)	UD (1x2x1.25)	UD (1x2x2)	BD3	BM53	BM71	BM73	BM21	BM2C	BM2 (5/8)(8)		HBFO(48)	HBFO(96)	HBFO(144)		WHBFO	HO-1	UH-1 (24" x 36" x 24")	UH-1 (30" x 48" x 36")	WUH	WUD	REVISE BY / DATE
HH#5					1027		927					1													1				
TOTALS					1027		927					1													1				
STAKED BY/DATE: -					-	AS-BUILT POSTED:				NORTH 		PROJECT: TWIN LAKES INSURANCE					TAX DISTRICT							PHONE: 816-361-8821 FAX: 816-361-8848 www.bluebirdnetwork.com			EXCHANGE: LEE'S SUMMIT, MO		
DRAWN BY/DATE: T.HICKAM					2/9/23														WORK ORDER: 22-1004-104								ROUTE: TWIN LAKES INSURANCE		
APPROVED BY/DATE:						NOT TO SCALE													PAR/COUNTY: JACKSON								SHEET 7 OF 8		



HH #	POLE N / C	UO6	UO6IE	UO96	UO144		UD (1x1x1.25)	UD (1x1x2)	UD (1x2x1.25)	UD (1x2x2)	BD3	BM53	BM71	BM73	BM21	BM2C	BM2 (5/8)(8)		HBFO(48)	HBFO(96)	HBFO(144)		WHBFO	HO-1	UH-1 (24" x 36" x 24")	UH-1 (30" x 48" x 36")	WUH	WUD	REVISE BY / DATE	
HH#6					920		820					1													1					
HH#7					708		608				1	1				2	1				1			2	1					
EX HH		289					189																				1			
FDP			230												1															
TOTALS		289	230		1628		1617				1	2			1	2	1				1			2	2		1			
STAKED BY/DATE: -				-	AS-BUILT POSTED:						PROJECT: TWIN LAKES INSURANCE						TAX DISTRICT							PHONE: 816-361-8821 FAX: 816-361-8848 www.bluebirdnetwork.com			EXCHANGE: LEE'S SUMMIT, MO			
DRAWN BY/DATE: T.HICKAM				2/9/23																WORK ORDER: 22-1004-104				ROUTE: TWIN LAKES INSURANCE						
APPROVED BY/DATE:				NOT TO SCALE																PAR/COUNTY: JACKSON				SHEET 8 OF 8						



PERMITS REQD	
MODOT	☒
COUNTY	☐
CITY	☒
OTHER	☐

HH #	POLE	UO6	UO6IE	UO96	UO144			UD	UD	UD	UD	BD3	BM53	BM71	BM73	BM21	BM2C	BM2		HBFO(48)	HBFO(96)	HBFO(144)		WHBFO	HO-1	UH-1	UH-1	WUH	WUD	REVISE	
	N / C							(1x1x1.25)	(1x1x2)	(1x2x1.25)	(1x2x2)							(5/8)(8)								(24" x 36" x 24")	(30" x 48" x 36")			BY / DATE	
TOTALS																															
STAKED BY/DATE: - -				AS-BUILT POSTED:		 800 NW Chipman Rd Lees Summit, MO 64063		 NORTH		PROJECT: TWIN LAKES INSURANCE						TAX DISTRICT		PHONE: 816-361-8821 FAX: 816-361-8848 www.bluebirdnetwork.com						EXCHANGE: LEE'S SUMMIT, MO							
DRAWN BY/DATE: T.HICKAM 2/9/23																								WORK ORDER: 22-1004-104				ROUTE: TWIN LAKES INSURANCE			
APPROVED BY/DATE:				NOT TO SCALE																				PAR/COUNTY: JACKSON				SHEET 8A OF 8			