

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5785	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44357.1.1	N/A	PE	
44357.2.1		RW	
44357.2.2		UTILITIES	
44357.3.1		CONST.	

U-5785

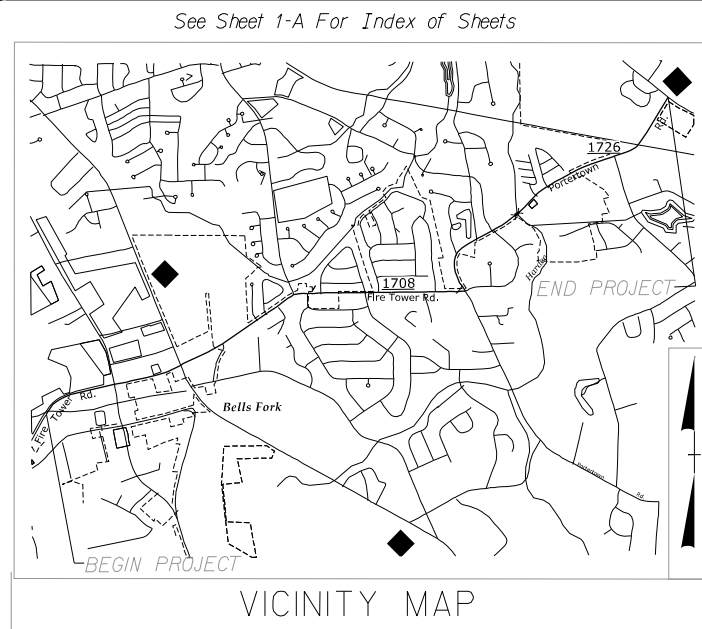
**PERMIT DRAWING
SHEET 1 of 13**

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PITT COUNTY

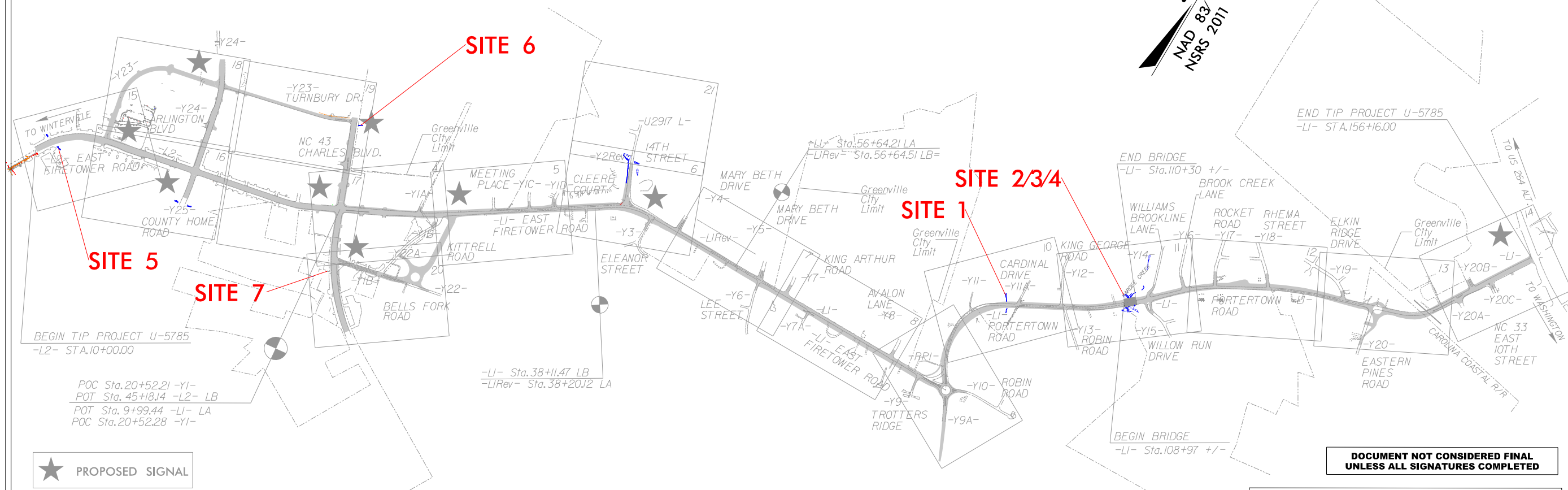
**LOCATION: SR 1708 (FIRETOWER ROAD) AND SR 1726 (PORTERTOWN ROAD)
FROM WEST OF EAST ARLINGTON BLVD
TO NC 33 (EAST 10TH STREET) IN GREENVILLE**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURE AND
CURB & GUTTER**



ROW PLANS

BUFFER IMPACTS



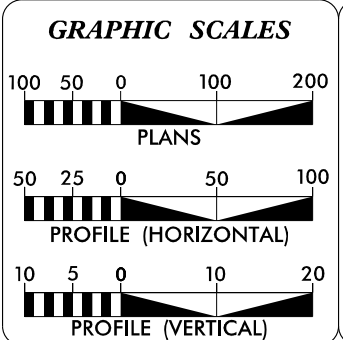
★ PROPOSED SIGNAL

THIS PROJECT IS WITHIN THE MUNICIPAL AND ETJ BOUNDARIES OF GREENVILLE.
THIS IS A PARTIAL CONTROLLED ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS SHOWN ON PLANS.

**DOCUMENT NOT CONSIDERED FINAL
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JMT Johnson, Mirmiran, & Thompson Inc.
4700 Falls of Neuse Road, Suite 100
Raleigh, NC, 27609
License No: C-3097

CONTRACT:



DESIGN DATA

ADT 2014 =	25000
ADT 2040 =	32400
D =	55%
K =	8%
T =	2%*
*DUAL =	1% TTST = 1%
V =	45 MPH
FUNC CLASS =	MINOR ARTERIAL
REGIONAL TIER	

PROJECT LENGTH

LENGTH ROADWAY PROJECT U-5785 =	3.410 Mi.
LENGTH STRUCTURE PROJECT U-5785 =	0.025 Mi.
TOTAL LENGTH OF PROJECT U-5785 =	3.435 Mi.

Prepared In the Office of:
JOHNSON, MIRMIRAN & THOMPSON
4700 Falls of Neuse Rd., Suite 100, Raleigh NC 27609
License # C-3097
FOR THE NORTH CAROLINA DIVISION OF HIGHWAYS

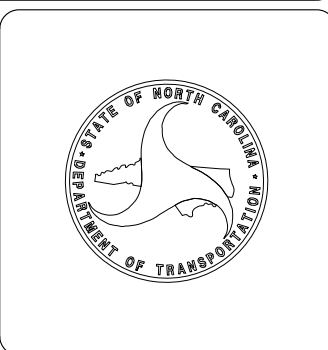
2024 STANDARD SPECIFICATIONS	KYLE COMPTON, PE PROJECT ENGINEER
RIGHT OF WAY DATE: SEPTEMBER 30, 2024	JOHN LANSFORD, PE PROJECT DESIGN ENGINEER
LETTING DATE: JULY 17, 2029	NCDOT CONTACT: ALEXANDER FOSTER, PE PMU PROJECT MANAGER

HYDRAULICS ENGINEER

SIGNATURE: _____ P.E.

ROADWAY DESIGN ENGINEER

SIGNATURE: _____ P.E.



09/08/19 CONTRACT: U-5785 TIP PROJECT: U-5785 3/9/2026 11:27 PM U:\5785_Hyd_prm_buf_tsh.dgn User:rosmitth

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LEGEND:
ALLOWABLE IMPACTS ZONE 1
ALLOWABLE IMPACTS ZONE 2

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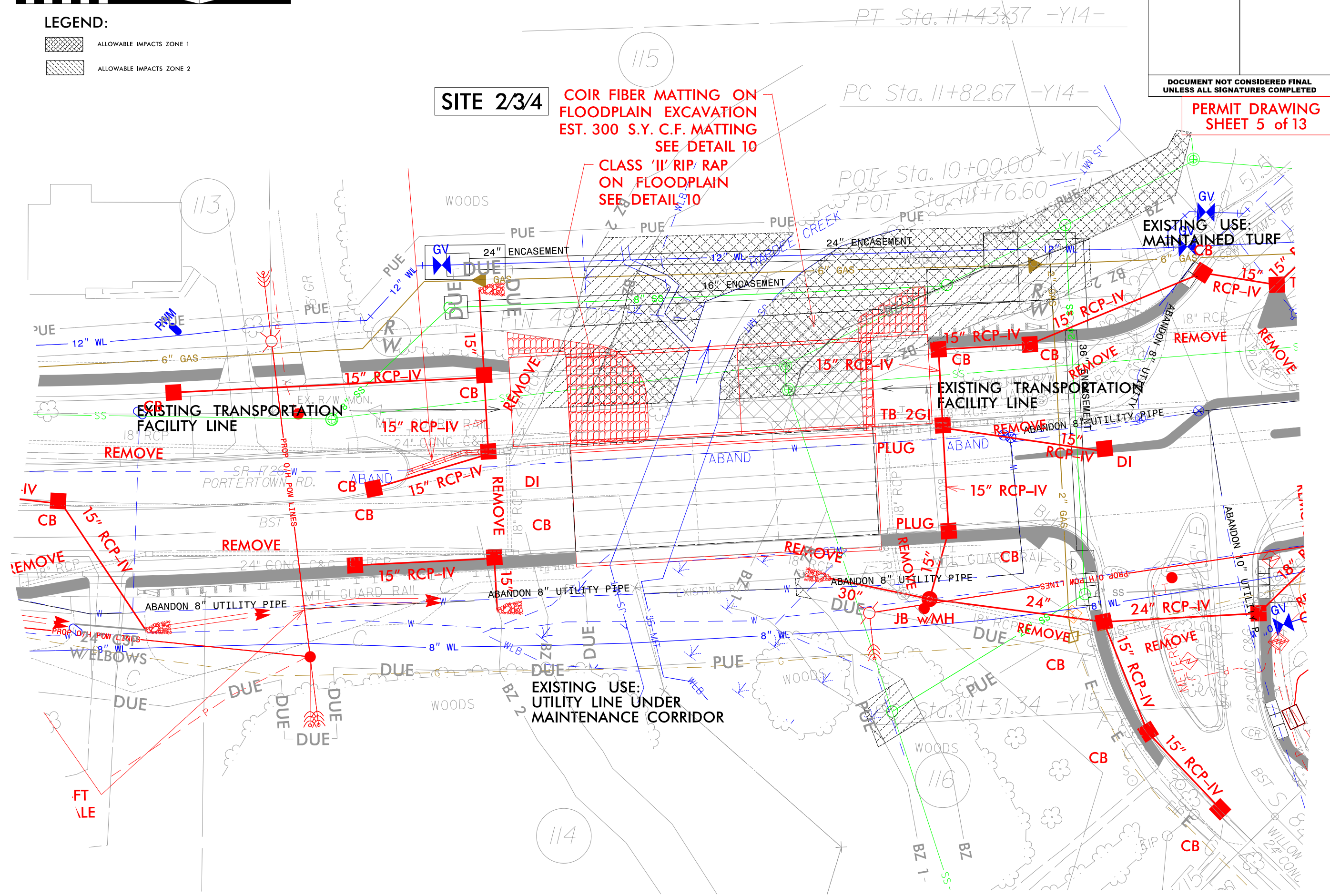
PROJECT REFERENCE NO. U-5785	SHEET NO. 11
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PERMIT DRAWING
SHEET 5 of 13

SITE 2/3/4

COIR FIBER MATTING ON FLOODPLAIN EXCAVATION
EST. 300 S.Y. C.F. MATTING
SEE DETAIL 10

CLASS 'II' RIP/RAP ON FLOODPLAIN
SEE DETAIL 10



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LEGEND:

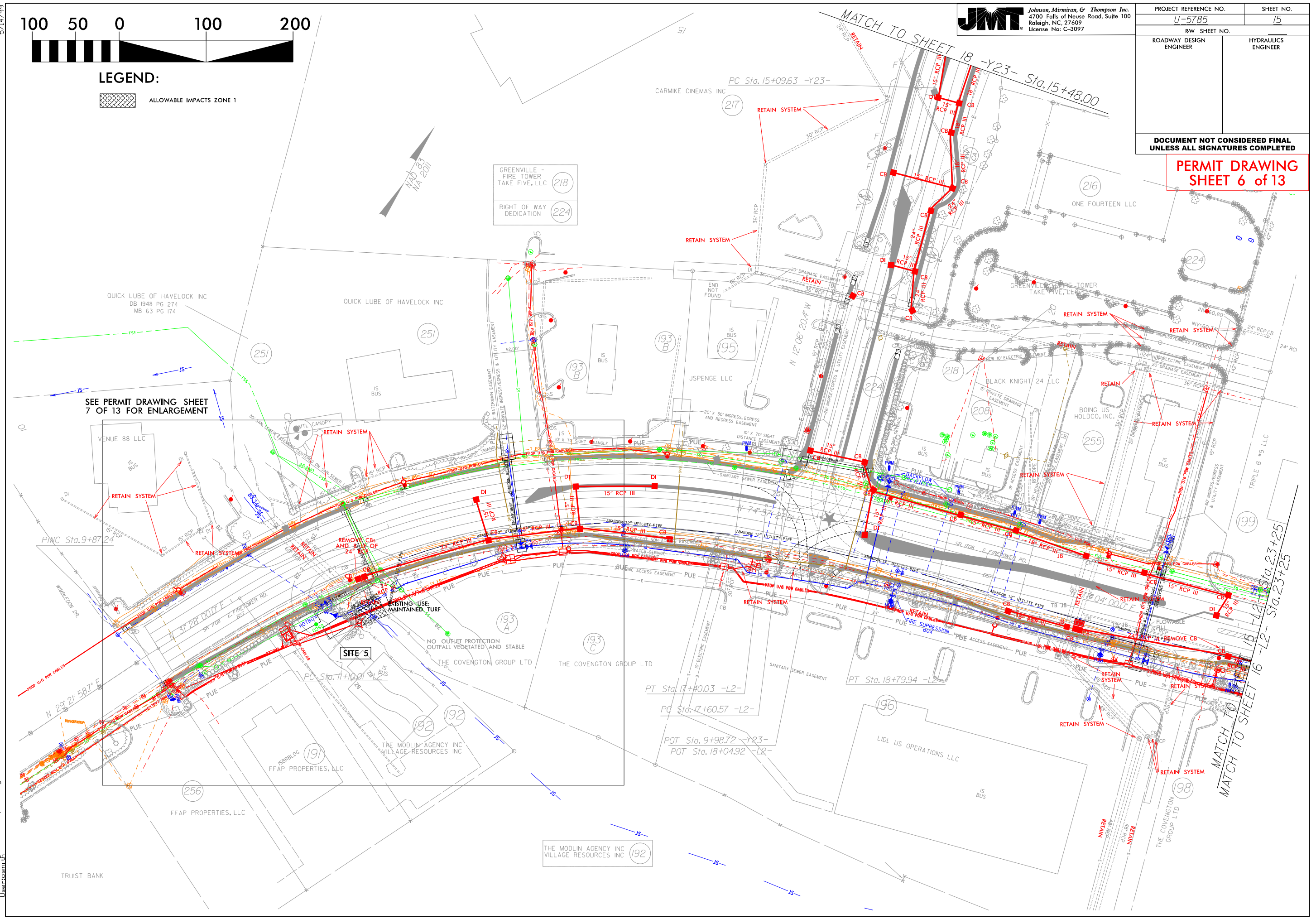
ALLOWABLE IMPACTS ZONE 1

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PROJECT REFERENCE NO.	SHEET NO.
U-5785	15
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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PERMIT DRAWING SHEET 6 of 13



SEE PERMIT DRAWING SHEET 7 OF 13 FOR ENLARGEMENT

SITE 5

MATCH TO SHEET 16 -L2- Sta. 23+25

MATCH TO SHEET 18 -Y23- Sta. 15+48.00

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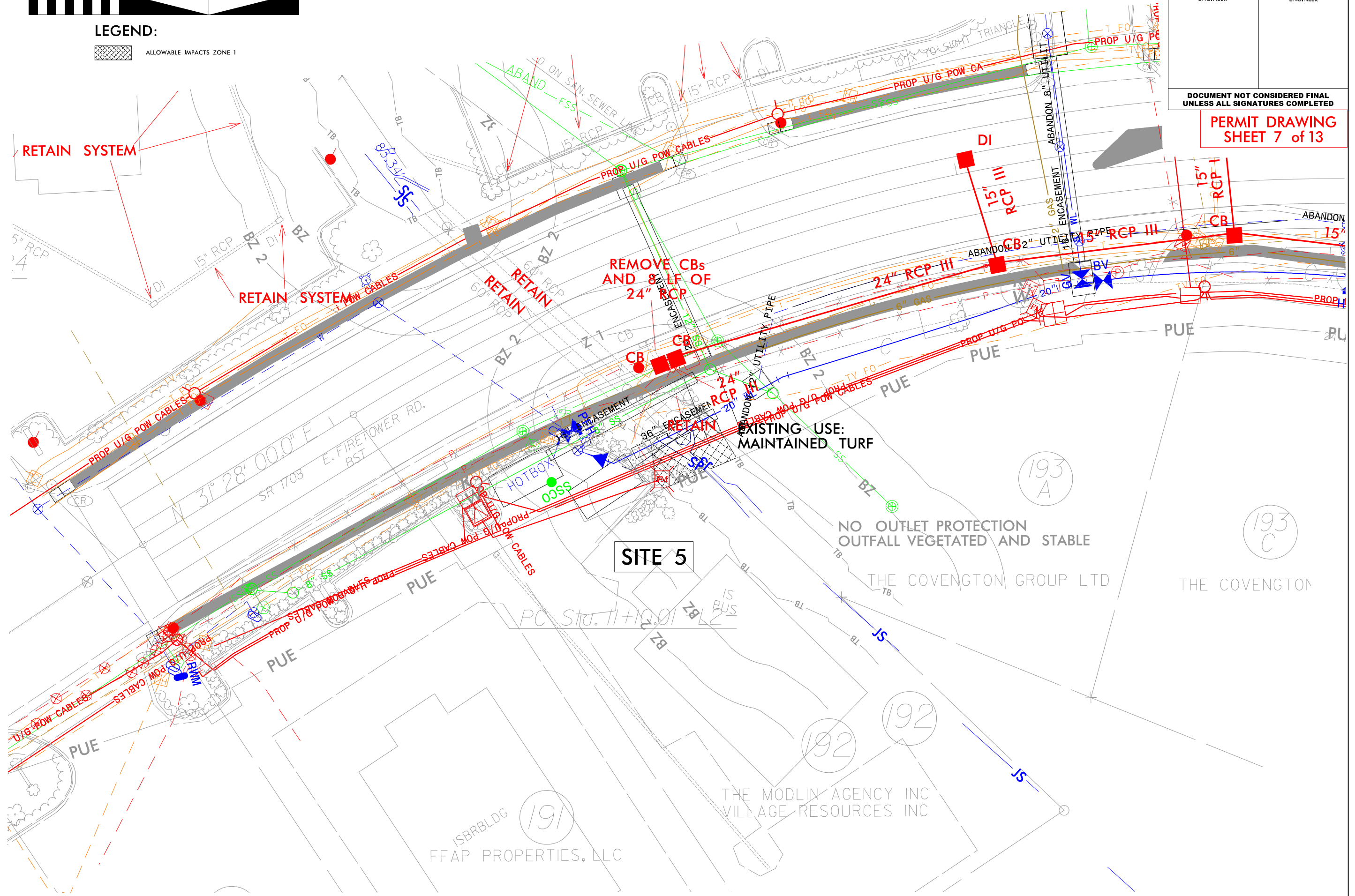
ALLOWABLE IMPACTS ZONE 1

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PROJECT REFERENCE NO. U-5785	SHEET NO. 15
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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PERMIT DRAWING SHEET 7 of 13



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LEGEND:

ALLOWABLE IMPACTS ZONE 1

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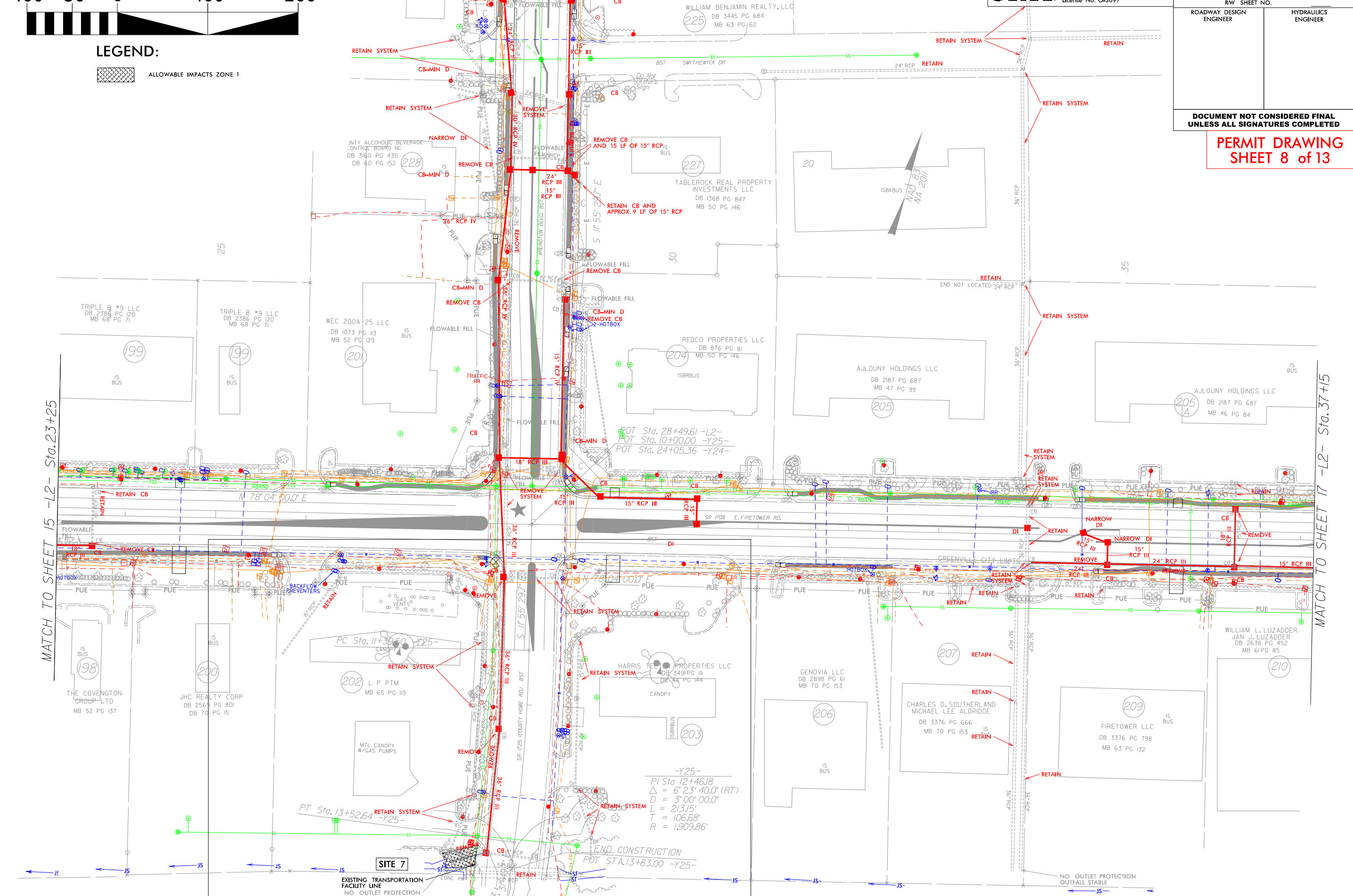
PROJECT REFERENCE NO. U-5785	SHEET NO. 16
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

**PERMIT DRAWING
SHEET 8 of 13**

MATCH TO SHEET 18 -Y24- Sta.18+20

MATCH TO SHEET 15 -L2- Sta.23+25

MATCH TO SHEET 17 -L2- Sta.37+15



SEE PERMIT DRAWING SHEET 9 OF 13 FOR ENLARGEMENT

RAW REVISION 12/10/23 JCL Changed Parcel 205 to 205A, Removed TCE from Parcel 205A

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LEGEND:

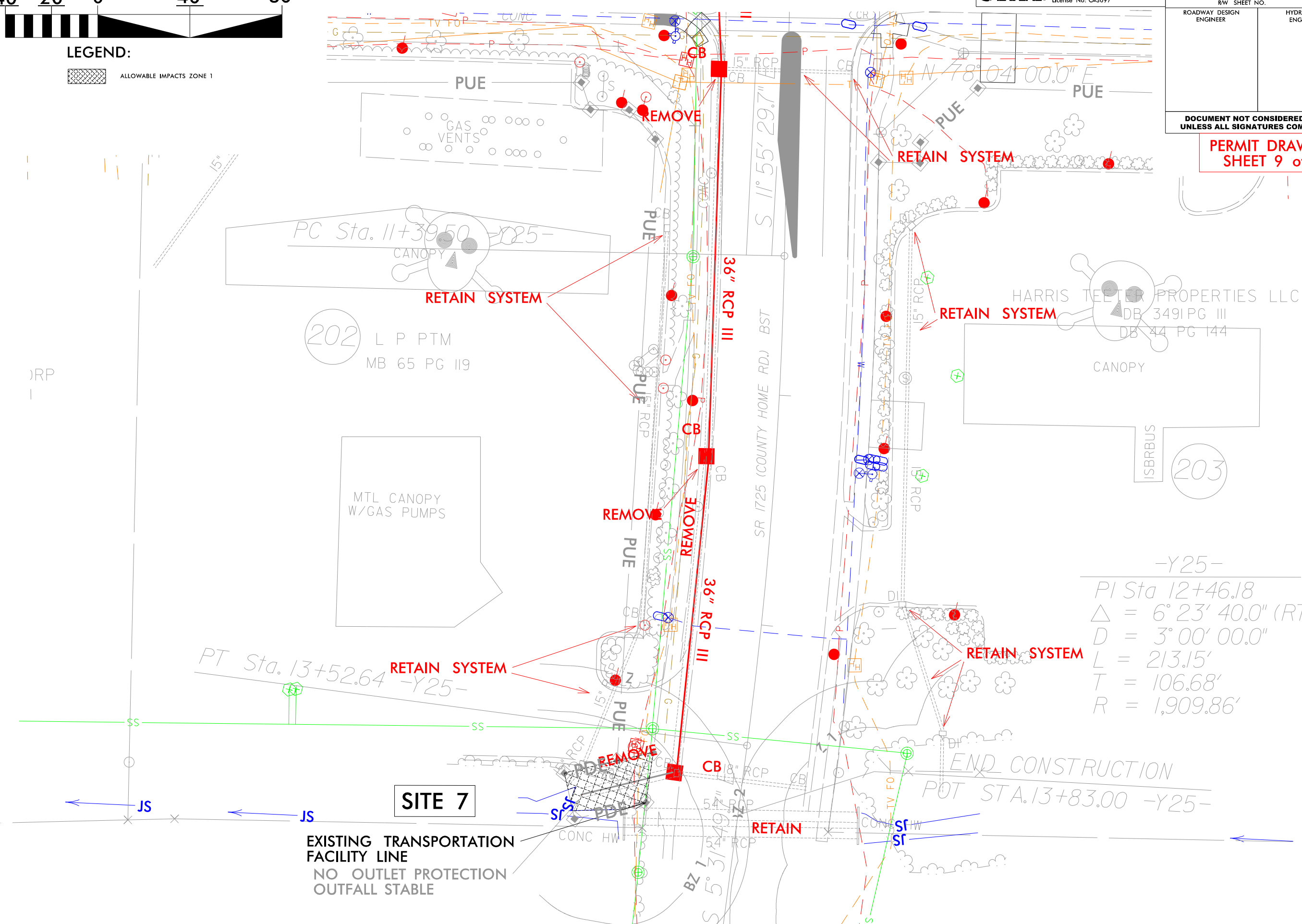
ALLOWABLE IMPACTS ZONE 1

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PROJECT REFERENCE NO. U-5785	SHEET NO. 16
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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PERMIT DRAWING SHEET 9 of 13



202 L P PTM
 MB 65 PG 119

HARRIS TELECOM PROPERTIES LLC
 DB 3491 PG III
 DB 44 PG 144

-Y25-
 PI Sta 12+46.18
 $\Delta = 6^{\circ} 23' 40.0''$ (RT)
 $D = 3^{\circ} 00' 00.0''$
 $L = 213.15'$
 $T = 106.68'$
 $R = 1,909.86'$



SITE 7

EXISTING TRANSPORTATION FACILITY LINE
 NO OUTLET PROTECTION
 OUTFALL STABLE

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LEGEND:

-  ALLOWABLE IMPACTS ZONE 1
-  ALLOWABLE IMPACTS ZONE 2

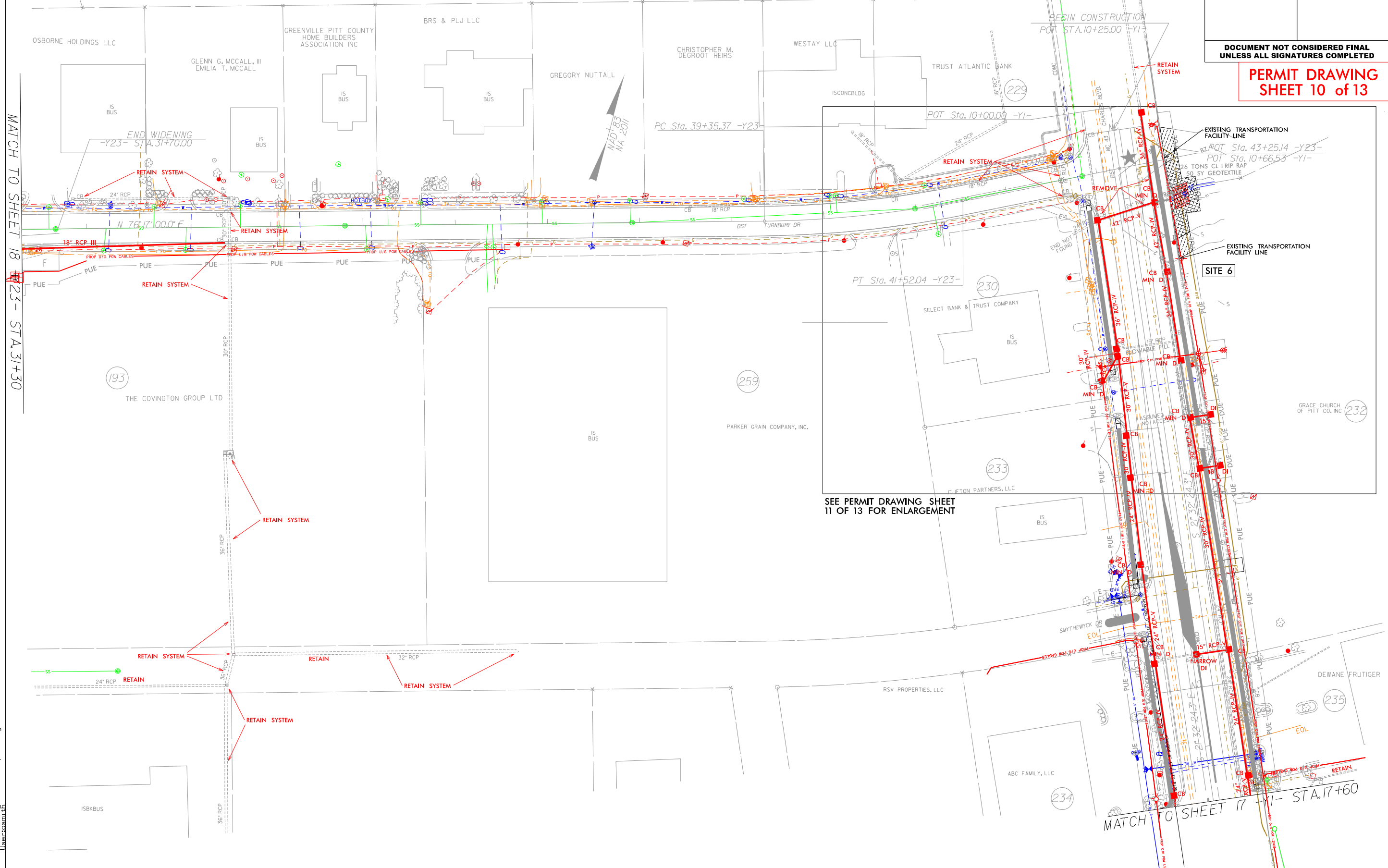


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PROJECT REFERENCE NO. U-5785	SHEET NO. 19
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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**PERMIT DRAWING
SHEET 10 of 13**



MATCH TO SHEET 18
23 - STA. 31+30

SEE PERMIT DRAWING SHEET 11 OF 13 FOR ENLARGEMENT

MATCH TO SHEET 17
YI - STA. 17+60

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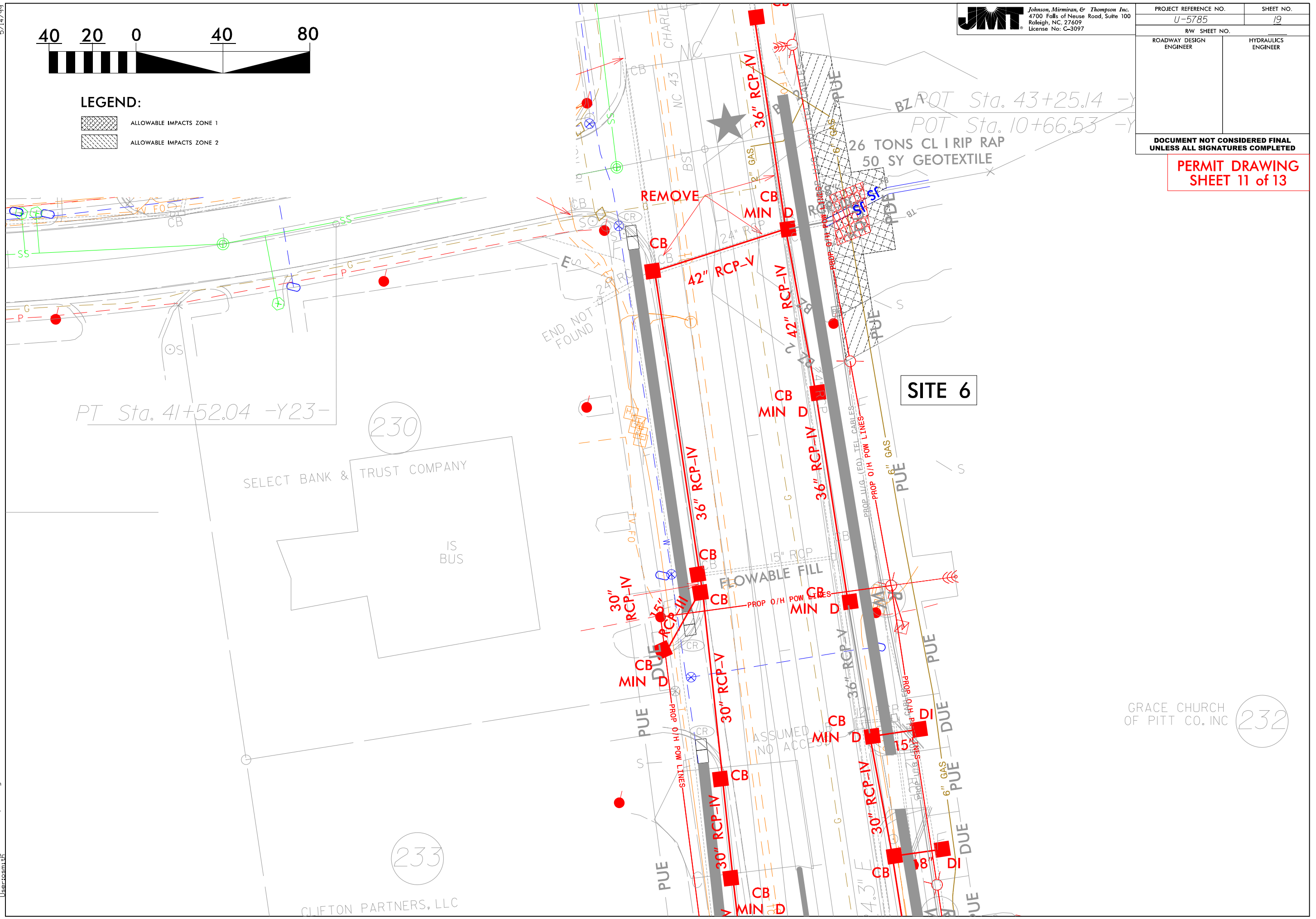
LEGEND:
ALLOWABLE IMPACTS ZONE 1
ALLOWABLE IMPACTS ZONE 2

JMT Johnson, Mirmiran, & Thompson Inc.
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PROJECT REFERENCE NO. U-5785	SHEET NO. 19
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL
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PERMIT DRAWING
SHEET 11 of 13



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