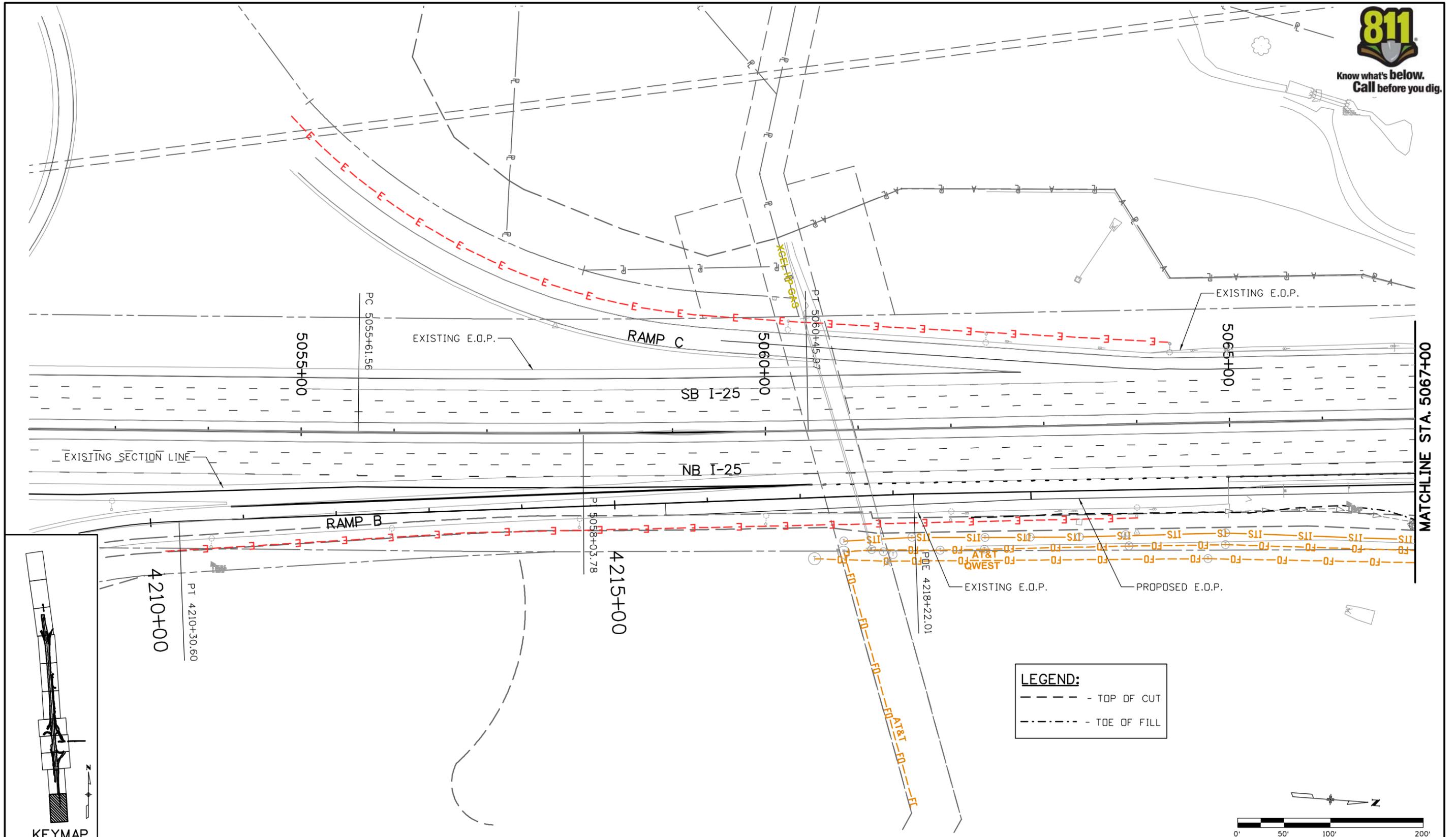




Know what's below.
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KEYMAP

Print Date: 9/1/2011
File Name: 16602UTIL_Plan06.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
Unit Information Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
 7328 S. Revere Parkway
 Suite 204A
 Centennial, CO 80112
 Phone: 303-365-7234 FAX: 303-790-1037



Region 1 KLR

As Constructed
No Revisions:
Revised:
Void:

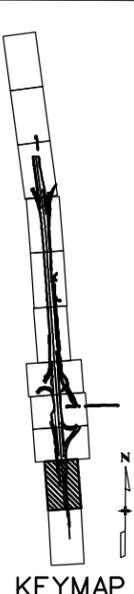
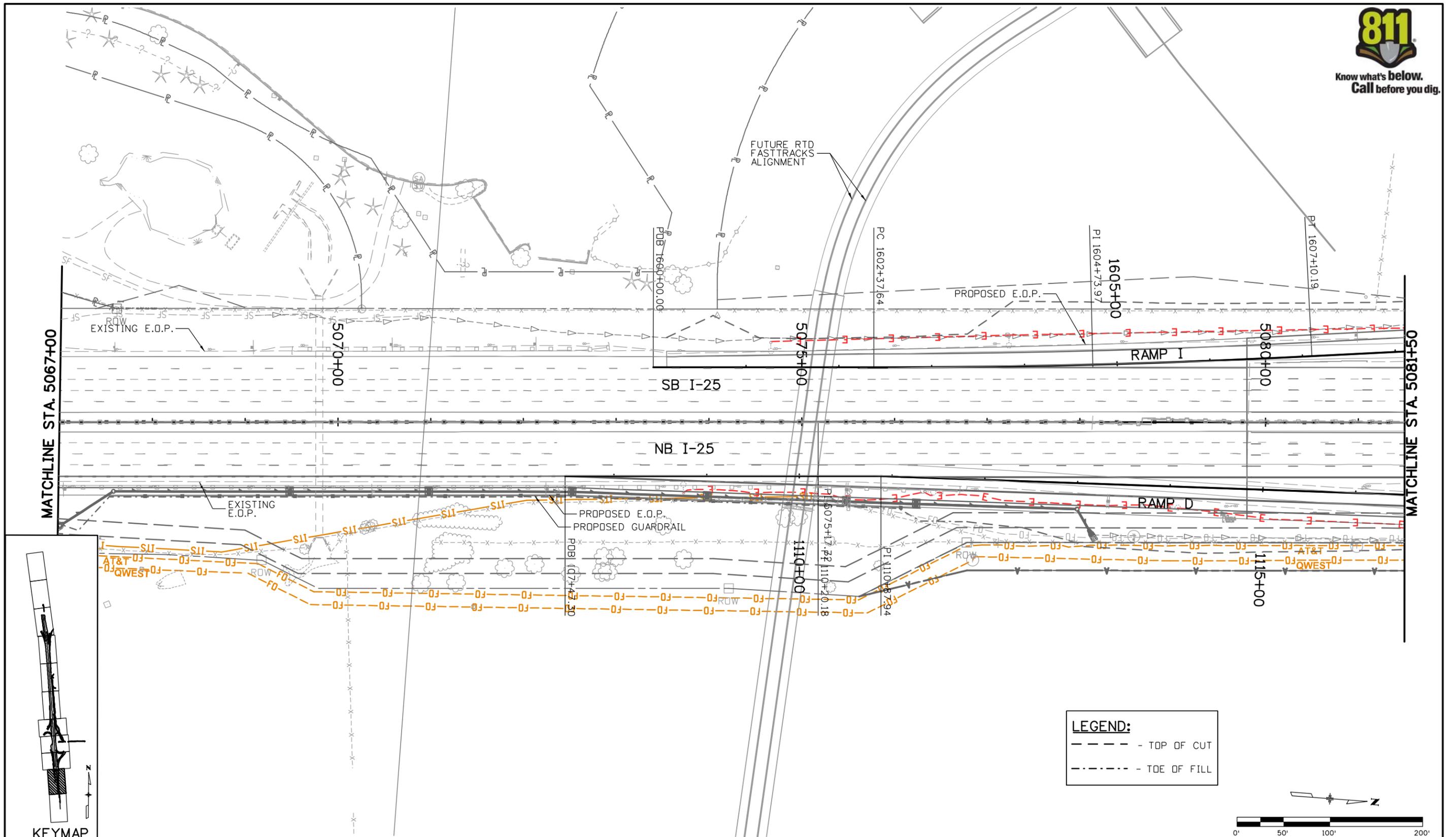
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UTILITY PLAN SHEET			
Designer:	MEA	Structure	
Detailer:	MEA	Numbers	
Sheet Subset:	UTILITY	Subset Sheets:	UT-01 of 11

Project No./Code
C 0252-399
16602
Sheet Number

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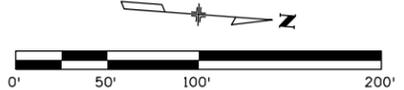


Know what's below.
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KEYMAP

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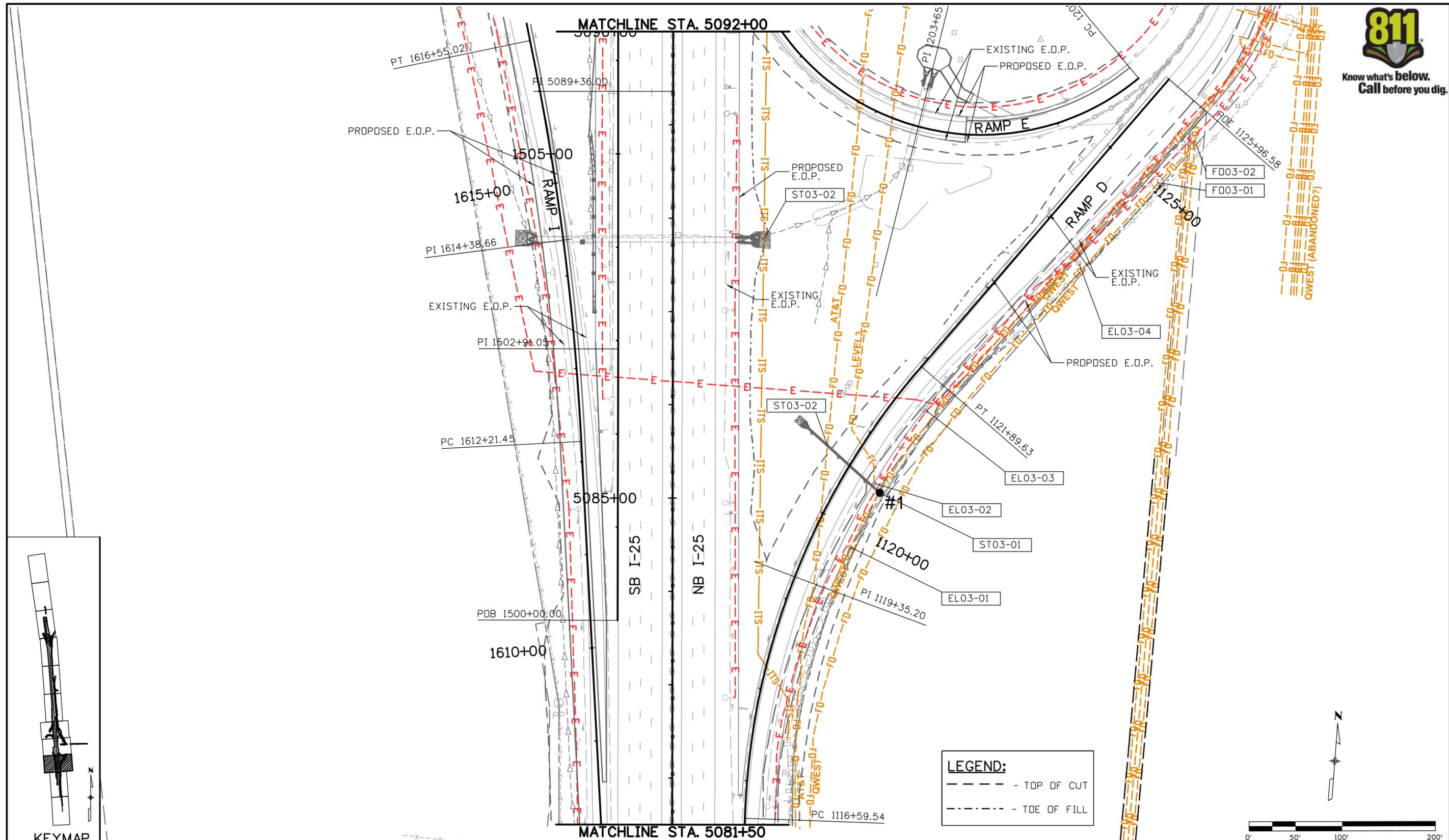


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Horiz. Scale: 1:100 Vert. Scale: As Noted							Designer: MEA	Structure Numbers		
Unit Information Unit Leader Initials							Detailer: MEA	Subset Sheets: UT-02 of 11		

Marie 8:54:20 AM I:\1002B\16602 UTILITIES\Drawings\16602UTIL_Plan07.dgn



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KEYMAP

Print Date: 9/1/2011
File Name: 16602UTIL_Plan08.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
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Sheet Revisions		
Date:	Comments	Init.

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Region 1 KLR

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Void:

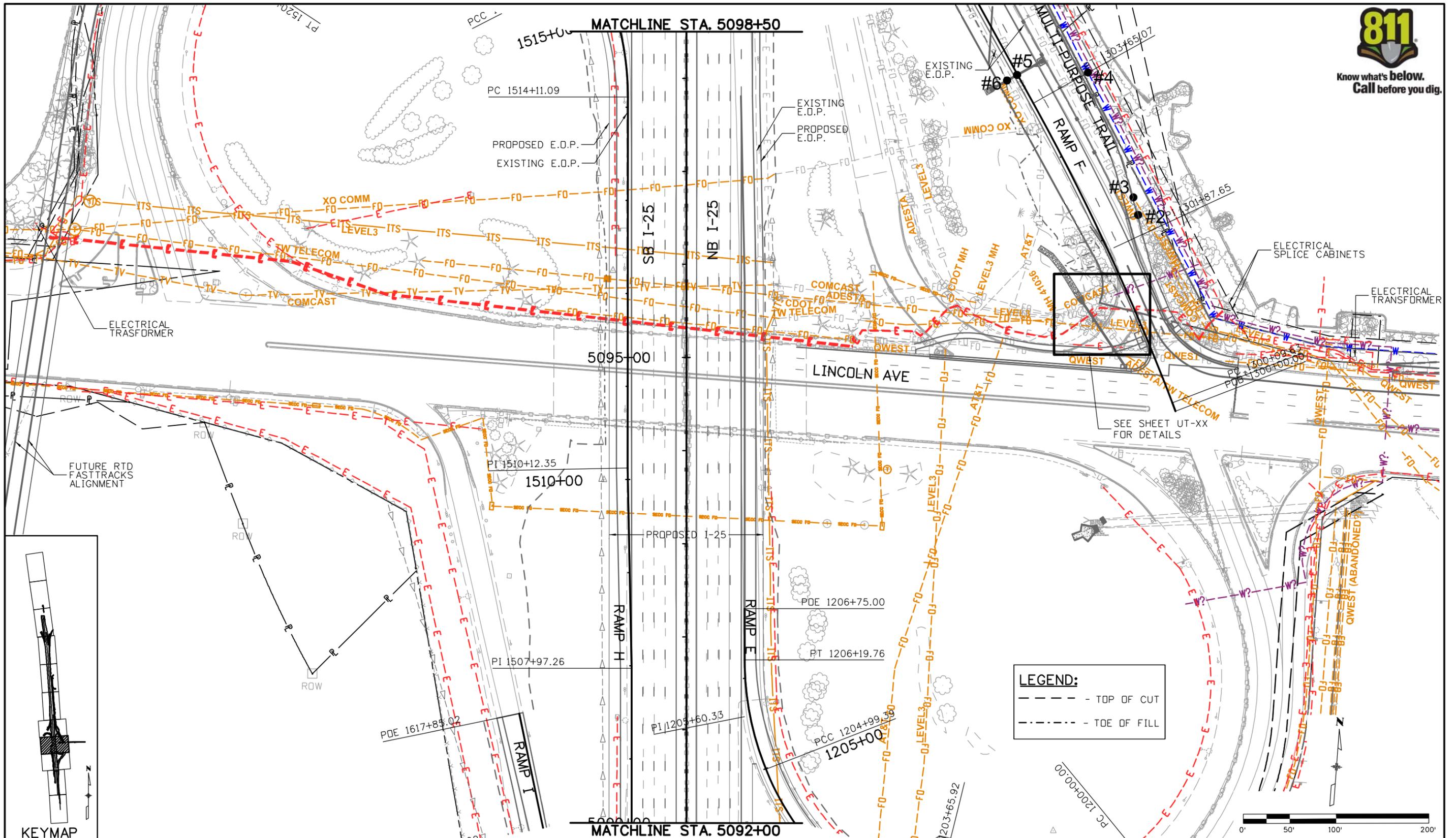
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UTILITY PLAN SHEET			
Designer:	MEA	Structure	
Detailer:	MEA	Numbers	
Sheet Subset:	UTILITY	Subset Sheets:	UT-3 of 11

Project No./Code
C 0252-399
16602
Sheet Number

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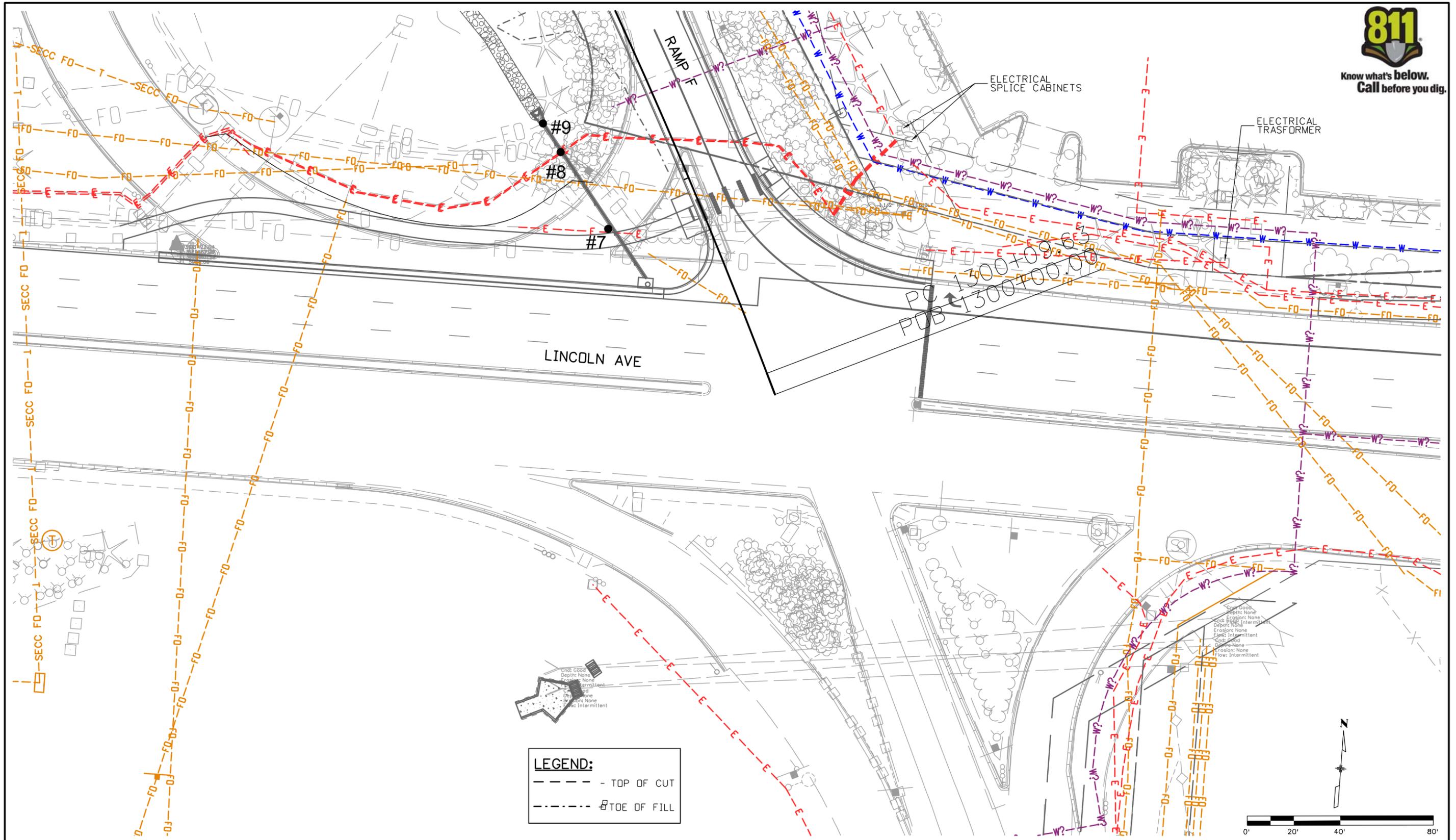
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File Name: 16602UTIL_Plan09.dgn	Date:	Comments	Init.	7328 S. Revere Parkway Suite 204A Centennial, CO 80112 Phone: 303-365-7234 FAX: 303-790-1037		No Revisions:		UTILITY PLAN SHEET		C 0252-399	
Horiz. Scale: 1:100				 Region 1		Revised:		Designer: MEA		Structure Numbers	
Unit Information				KLR		Void:		Detailer: MEA		16602	
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Print Date: 9/1/2011
File Name: 16602UTIL_Int01.dgn
Horiz. Scale: 1:40 Vert. Scale: As Noted
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Sheet Revisions		
Date:	Comments	Init.

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Region 1 **KLR**

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**I-25 LINCOLN TO COUNTY LINE
UTILITY INTERSECTION
DETAIL SHEET**

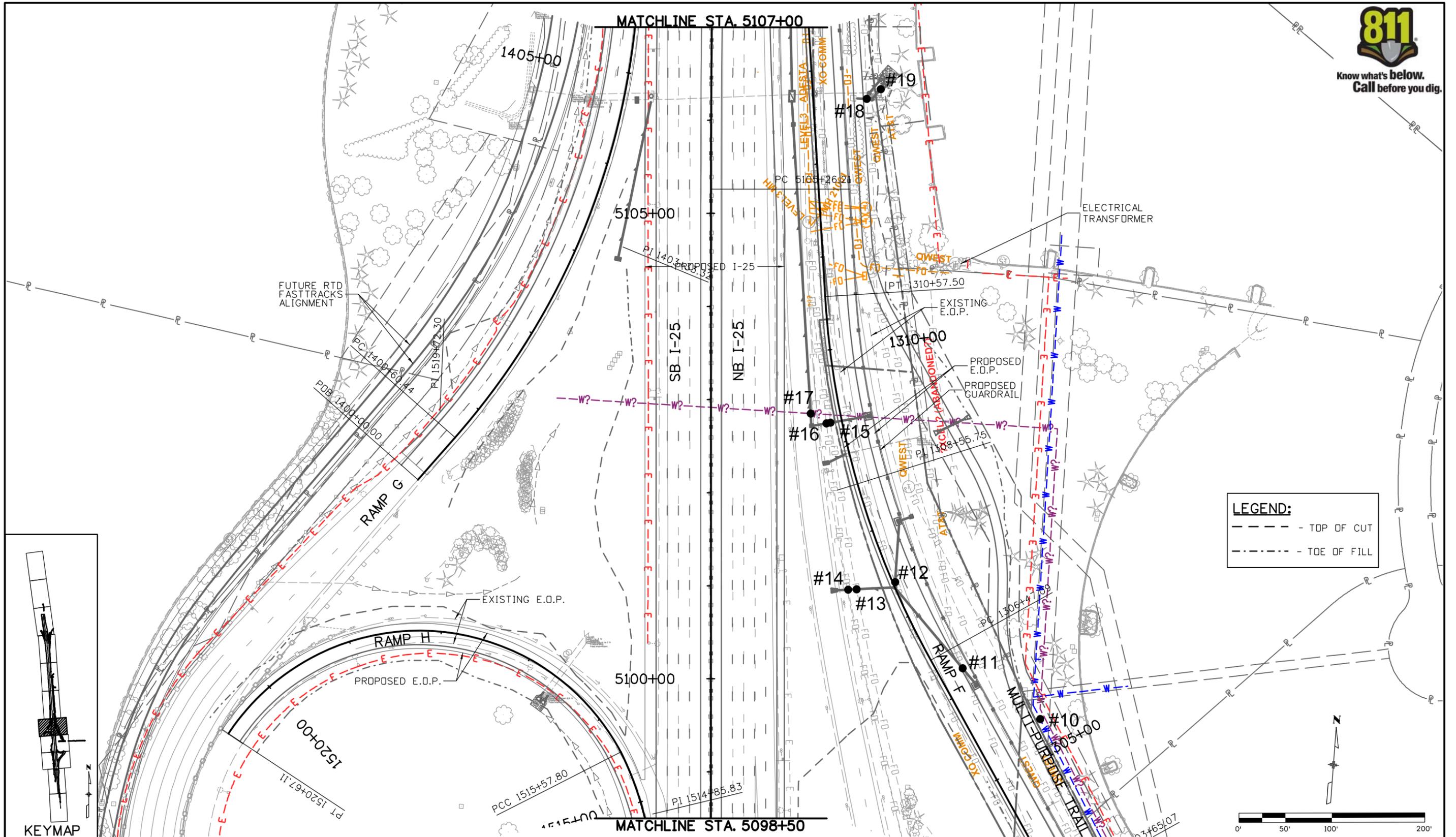
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Project No./Code
C 0252-399
16602
Sheet Number

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File Name: 16602UTIL_Plan10.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
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Sheet Revisions		
Date:	Comments	Init.

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Region 1 KLR

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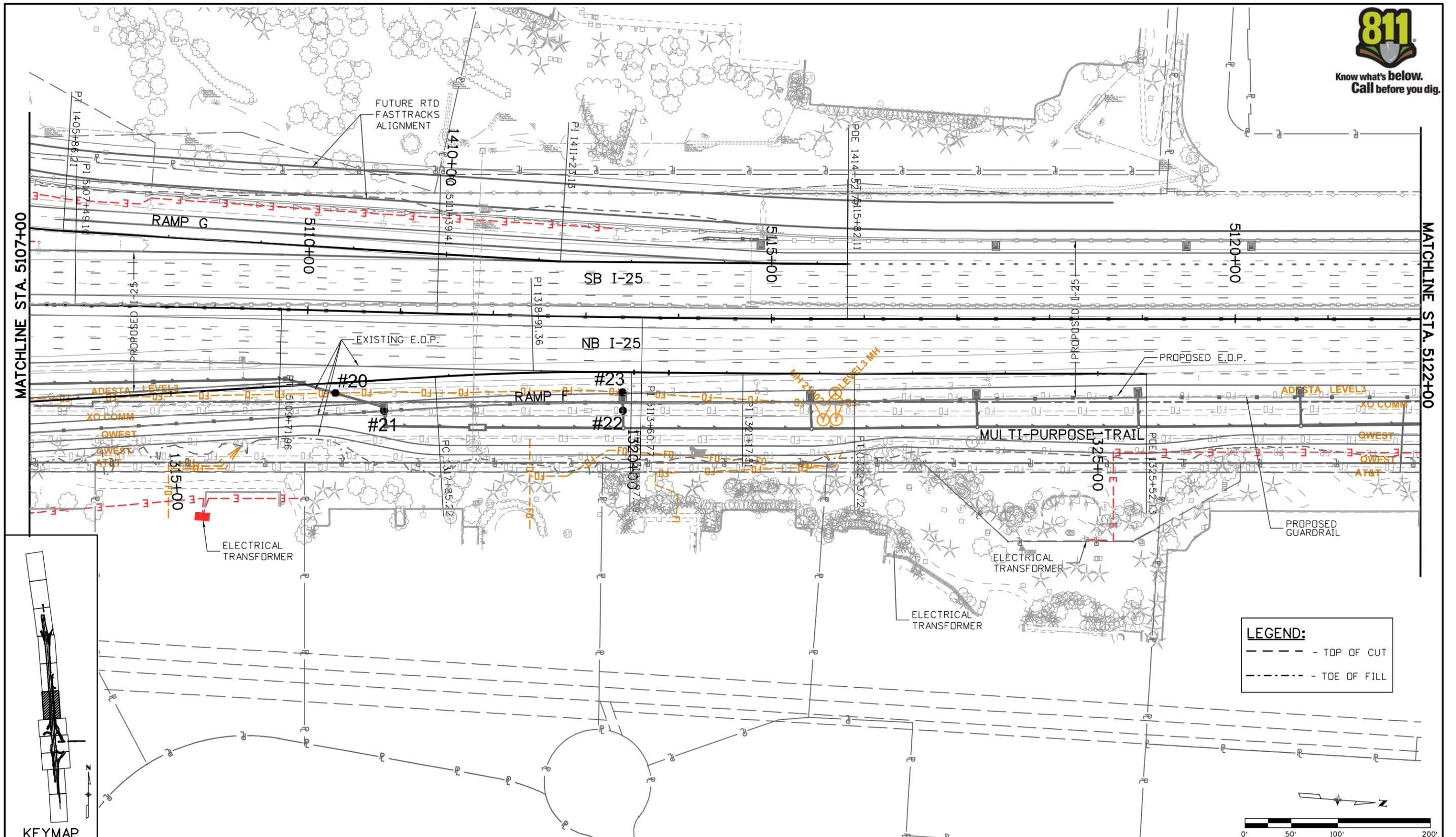
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Designer:	MEA	Structure	
Detailer:	MEA	Numbers	
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Project No./Code
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16602
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File Name: 16602UTIL_Plan1.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
Unit Information Unit Leader Initials

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Date:	Comments	Init.

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Void:

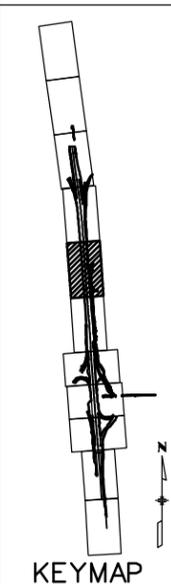
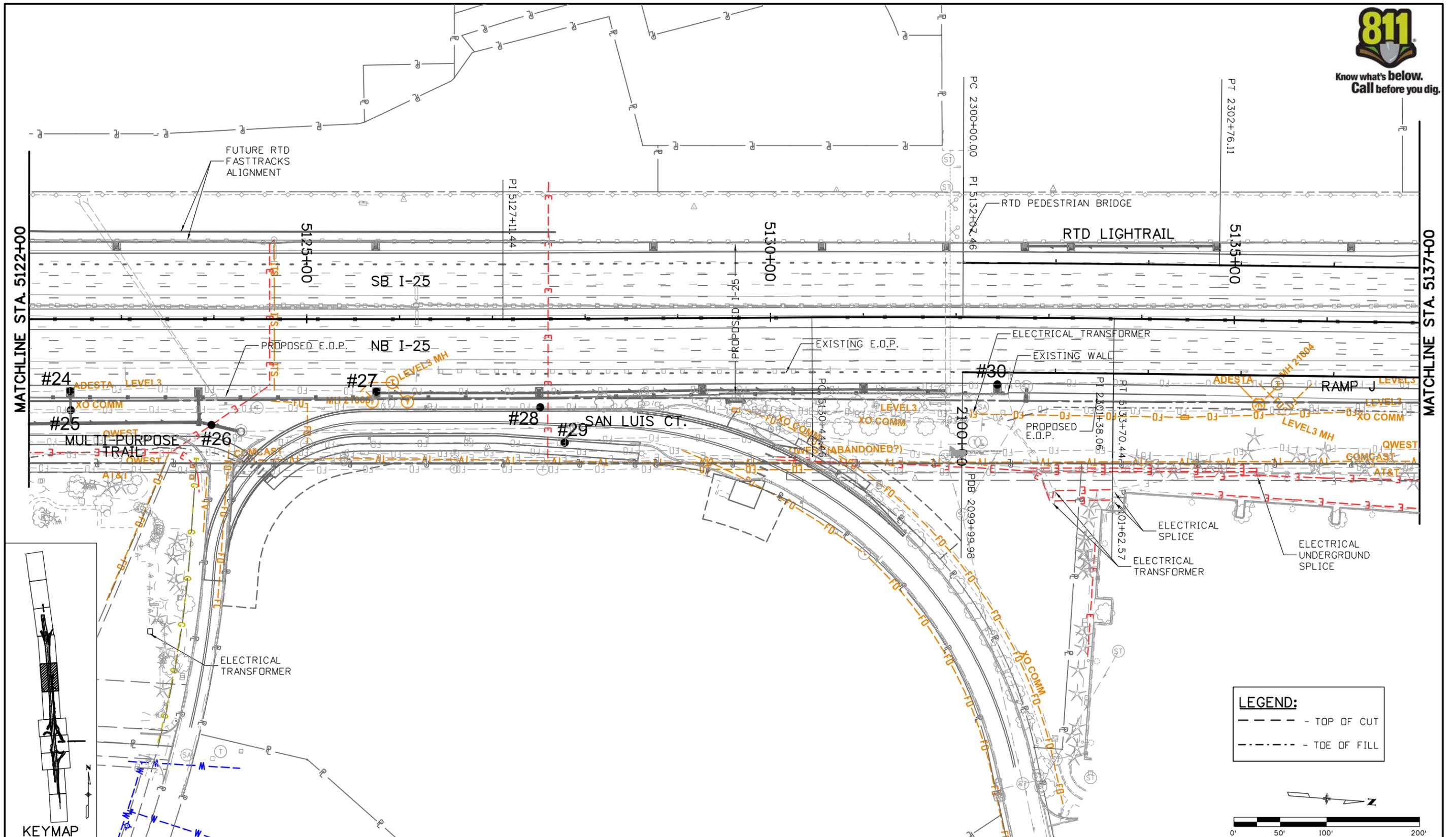
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Project No./Code
C 0252-399
16602
Sheet Number

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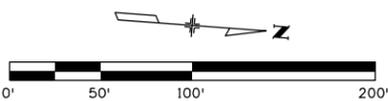


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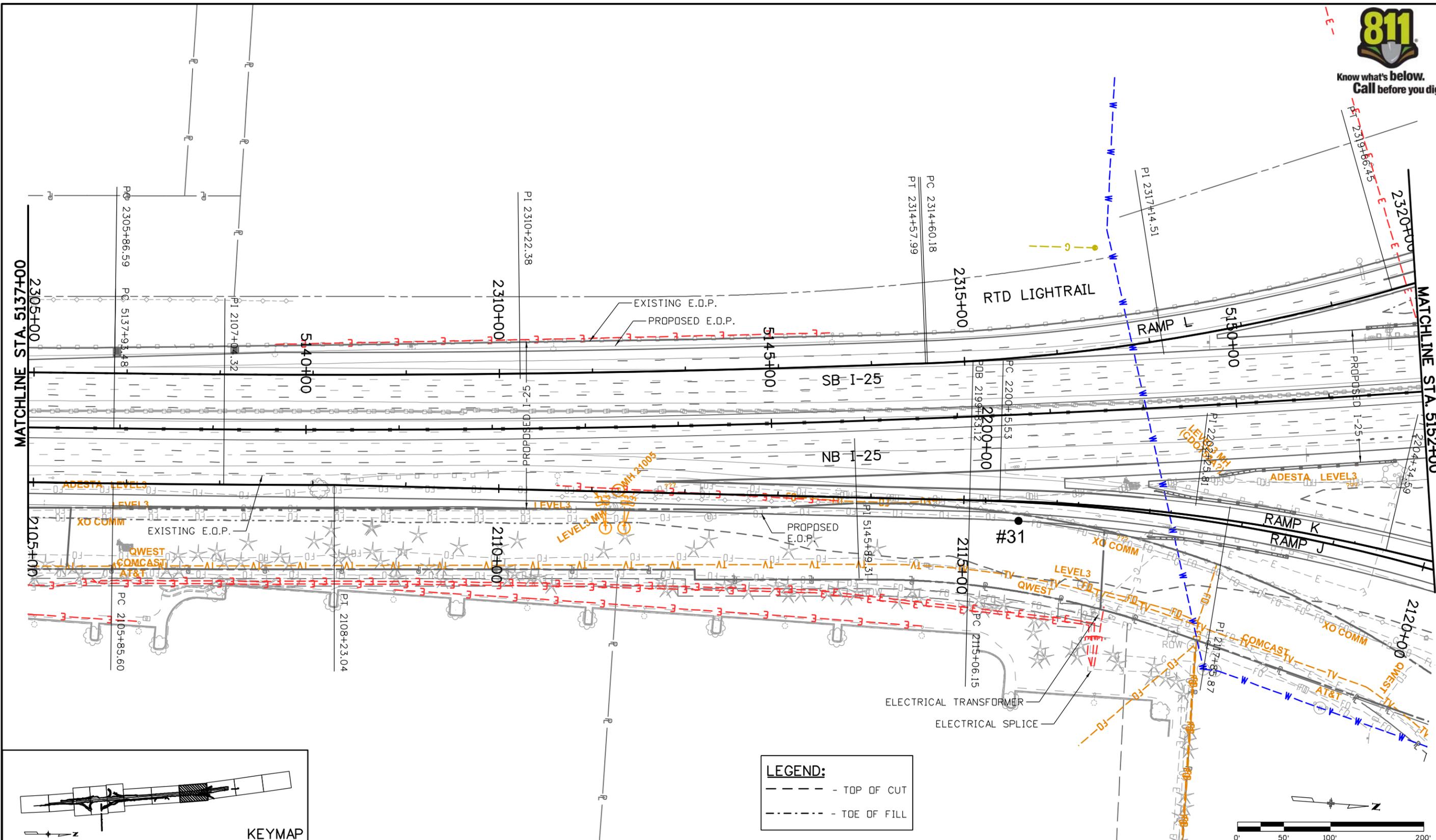


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Horiz. Scale: 1:100 Vert. Scale: As Noted							Designer: MEA	Structure Numbers		
Unit Information Unit Leader Initials							Detailer: MEA	Subset Sheets: UT-07 of 11		

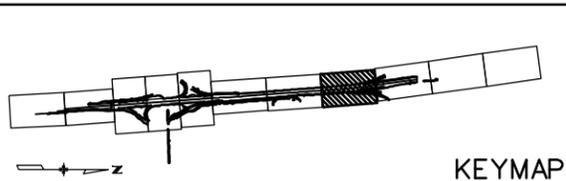
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File Name: 16602UTIL_Plan13.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
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Sheet Revisions		
Date:	Comments	Init.

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Region 1 **KLR**

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Void:

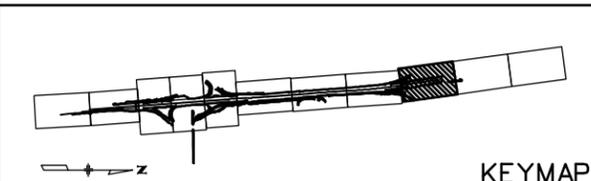
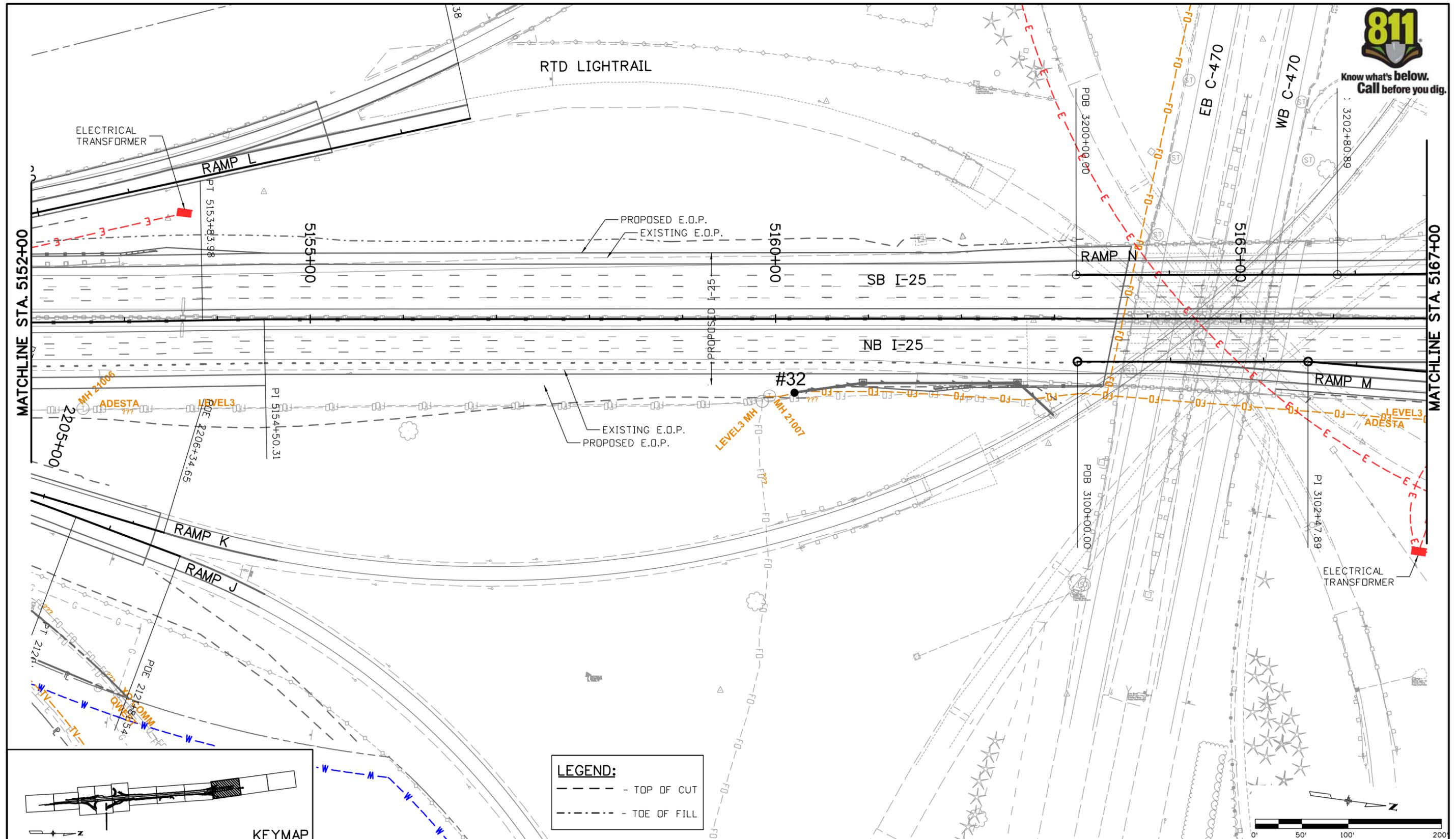
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Designer:	MEA	Structure	
Detailer:	MEA	Numbers	
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Project No./Code
C 0252-399
16602
Sheet Number

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Print Date: 9/1/2011
File Name: 16602UTIL_Plan14.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
Unit Information Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

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Region 1 **KLR**

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No Revisions:
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Void:

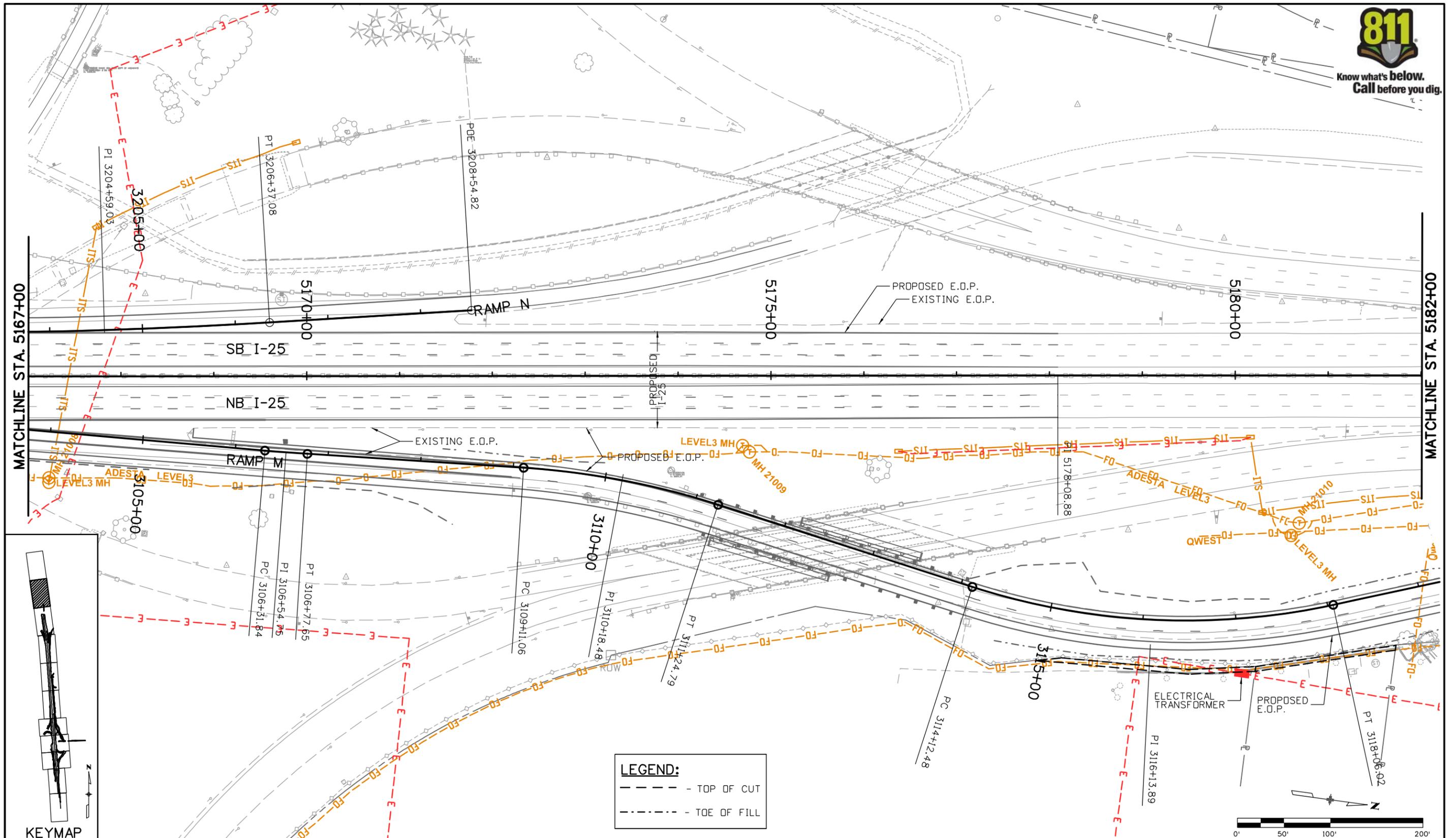
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Detailer:	MEA	Numbers	
Sheet Subset:	UTILITY	Subset Sheets:	UT-09 of 11

Project No./Code
C 0252-399
16602
Sheet Number

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Print Date: 9/1/2011

File Name: 16602UTIL_Plan15.dgn

Horiz. Scale: 1:100 Vert. Scale: As Noted

Unit Information Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

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Region 1 **KLR**

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I-25 LINCOLN TO COUNTY LINE

UTILITY PLAN SHEET

Designer: MEA Structure Numbers

Detailer: MEA

Sheet Subset: UTILITY Subset Sheets: UT-10 of 11

Project No./Code

C 0252-399

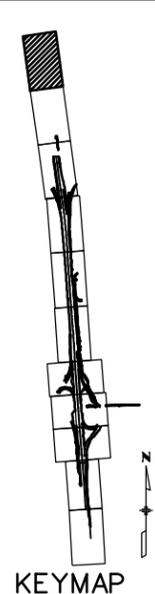
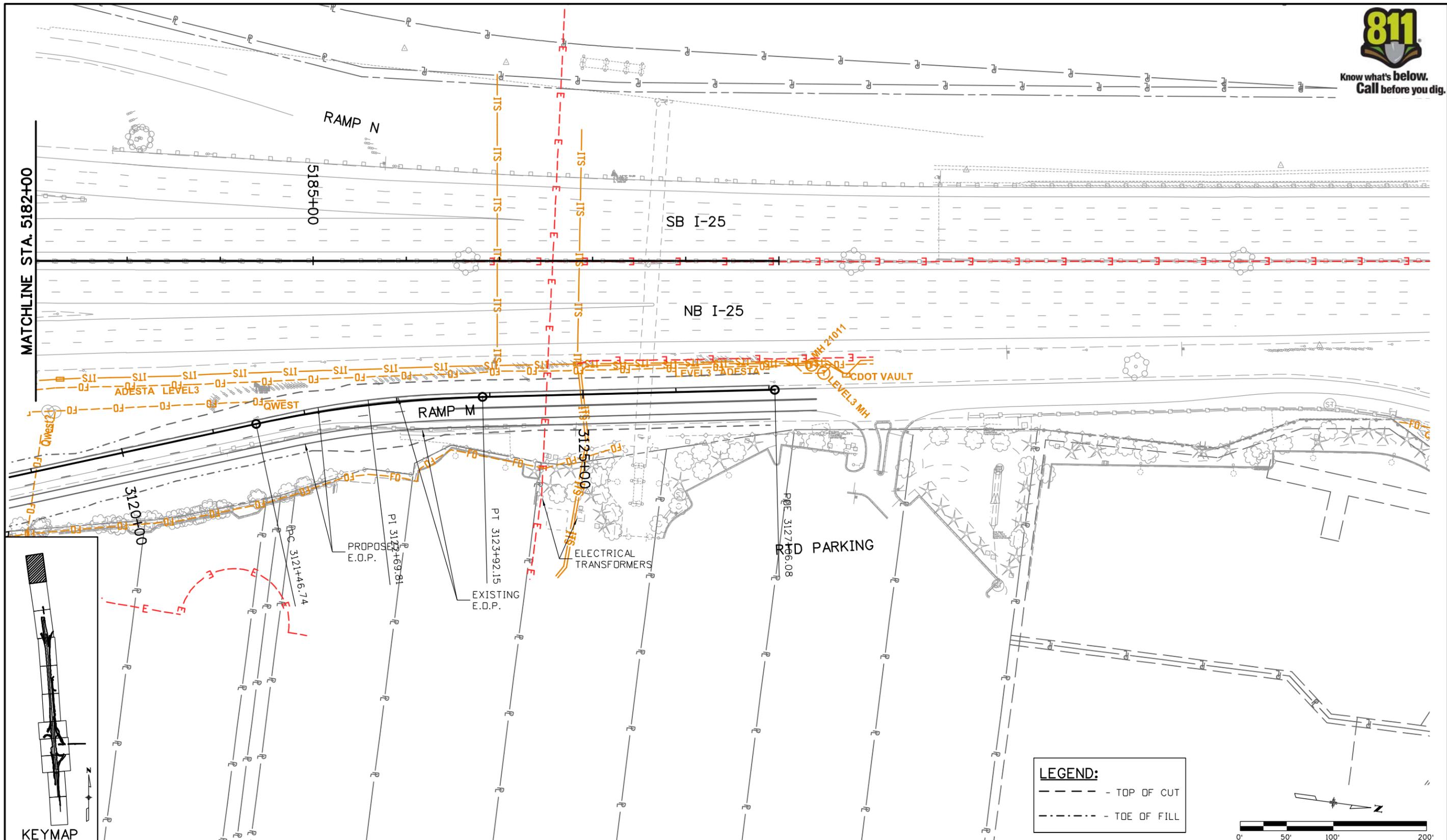
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Sheet Number

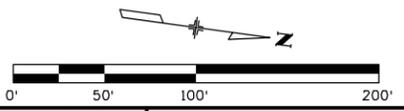
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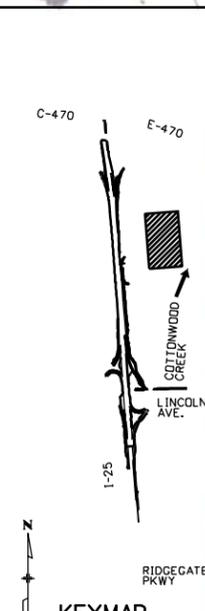
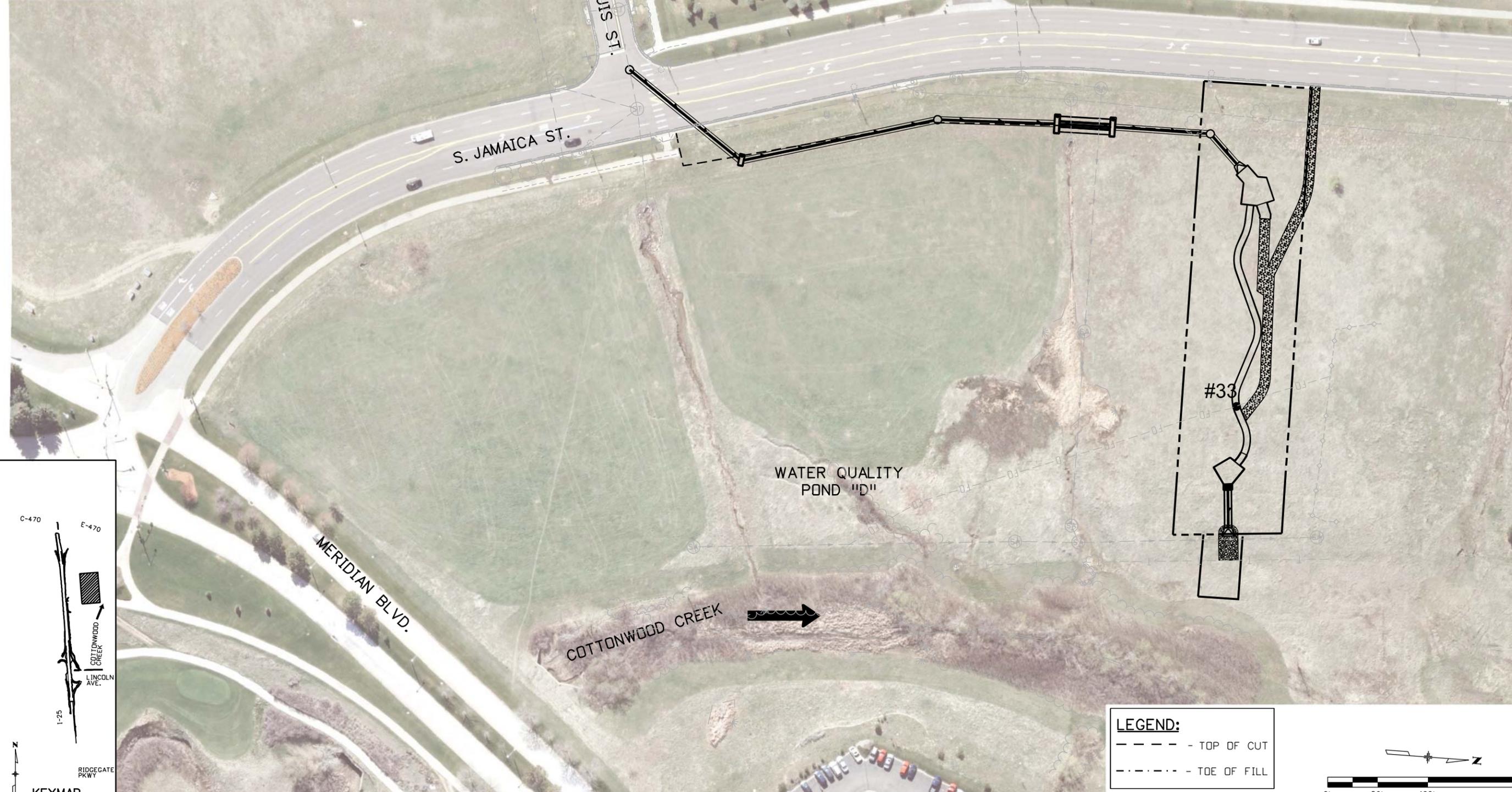
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Horiz. Scale: 1:100 Vert. Scale: As Noted						Revised:	Designer: MEA	Structure Numbers	16602		
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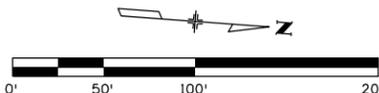
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Print Date: 9/1/2011	
File Name: 16602UTIL_Plan20.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

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Designer:	MEA	Structure Numbers	
Detailer:	MEA		
Sheet Subset:	UTILITY	Subset Sheets:	UT-12 of 13

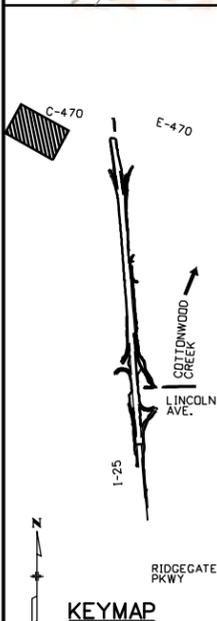
Project No./Code
C 0252-399
16602
Sheet Number



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(SEE NEXT PAGE FOR ASSUMED UTILITY LINE LOCATIONS)



Print Date: 9/1/2011	0000
File Name: 16602UTIL_Plan21.dgn	
Horiz. Scale: 1:100 Vert. Scale: As Noted	
Unit Information Unit Leader Initials	

Sheet Revisions		
Date:	Comments	Init.

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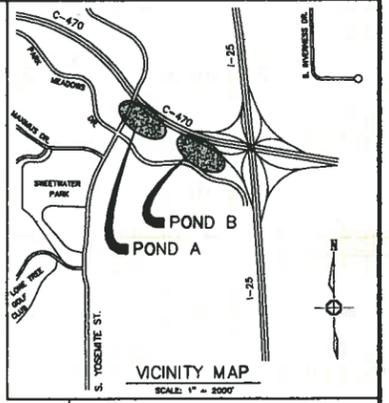
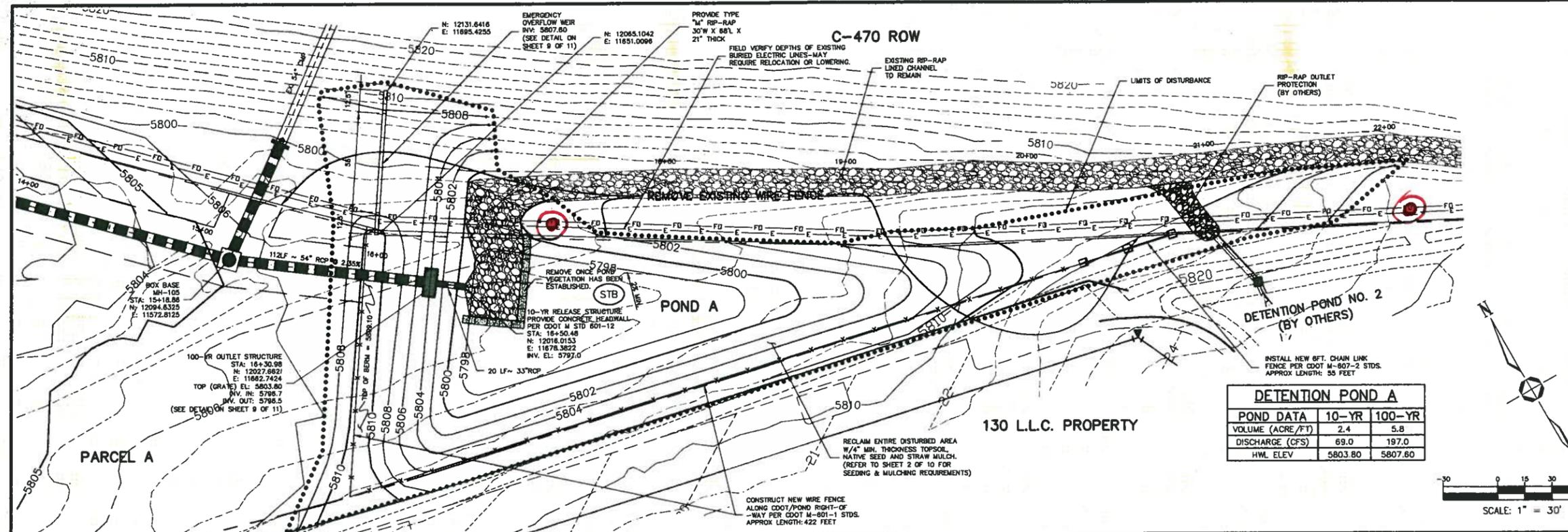


Region 1 KLR

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Void:

I-25 LINCOLN TO COUNTY LINE EXISTING DETENTION POND DRAINAGE PLAN			
Designer:	CDT	Structure Numbers	
Detailer:	RSA	Subset Sheets:	DR-13 of 13
Sheet Subset:	DRAINAGE		

Project No./Code
C 0252-399
16602
Sheet Number

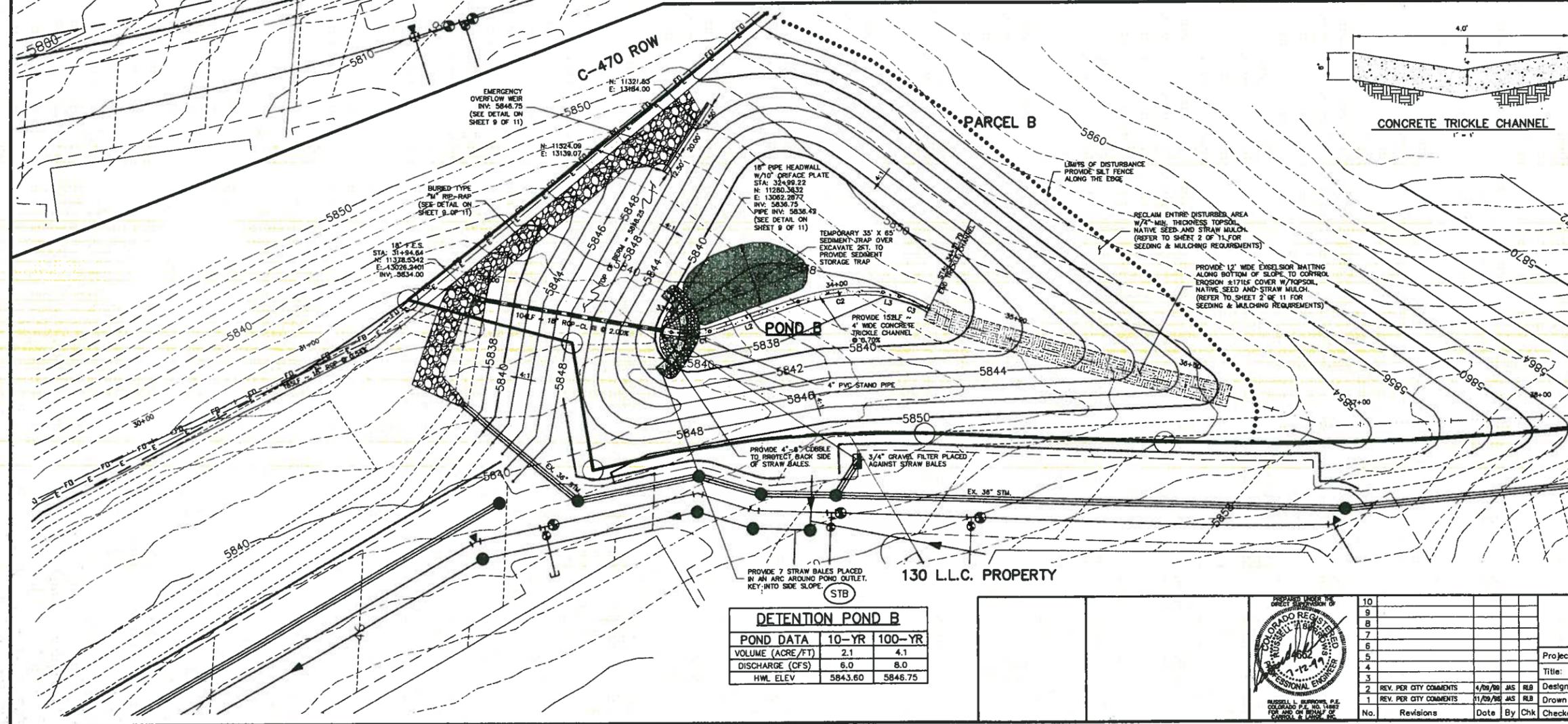
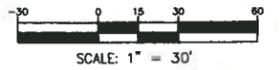


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- (O)--- EXISTING WATER LINE
- (S)--- EXISTING SANITARY SEWER
- (X)--- EXISTING STORM SEWER
- (X)--- PROPOSED STORM SEWER

DETENTION POND A

POND DATA	10-YR	100-YR
VOLUME (ACRE/FT)	2.4	5.8
DISCHARGE (CFS)	69.0	197.0
HWL ELEV	5803.80	5807.60

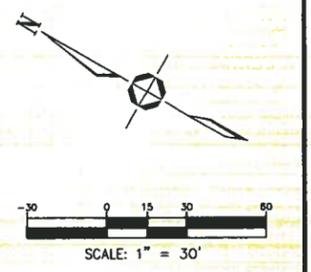
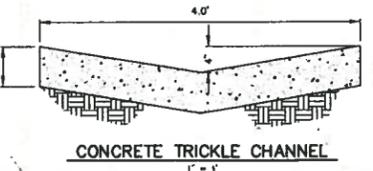


LINE TABLE FOR CL OF TRICKLE CHANNEL

LINE	LENGTH	BEARING
L1	4.81'	S18°28'17"E
L2	51.59'	S47°53'11"E
L3	9.13'	S15°28'04"E

CURVE TABLE FOR CL OF TRICKLE CHANNEL

CURVE	RADIUS	DELTA	ARC LENGTH
C1	53.20'	23°01'38"	21.38'
C2	114.87'	23°37'04"	47.87'
C3	59.85'	17°19'32"	16.10'



County Engineer _____
 Date _____
 These construction plans have been reviewed by Douglas County for street and drainage improvements only.
 Engineering Division Acceptance Block

BENCHMARK: A BRASS CAP LOCATED IN THE MEDIAN OF COUNTY LINE ROAD, EAST OF YOSEMITE STREET. CAP STAMPED "ARAPAHOE COUNTY ENGINEERING, B.M. C 8813 885 89E." ELEVATION = 5757.30

DETENTION POND B

POND DATA	10-YR	100-YR
VOLUME (ACRE/FT)	2.1	4.1
DISCHARGE (CFS)	6.0	8.0
HWL ELEV	5843.60	5846.75



10					
9					
8					
7					
6					
5					
4					
3					
2	REV. PER CITY COMMENTS	4/09/99	JAS	RLB	
1	REV. PER CITY COMMENTS	1/09/98	JAS	RLB	
No.	Revisions	Date	By	Chk	Checked By:

Carroll & Lange
 Professional Engineers & Land Surveyors
 183 South Union Blvd., Suite 106
 Lakewood, Colorado 80226
 (303) 980-0200

Project: **PARK MEADOWS / STARIKA SITE**
 Title: **DETENTION POND PLAN**
 Designed By: TWC
 Drawn By: JAS
 Scale: 1" = 30'
 Sheet 8 of 11
 Job No. 1559
 Date: SEPTEMBER, 1997
 File No. DET-POND5