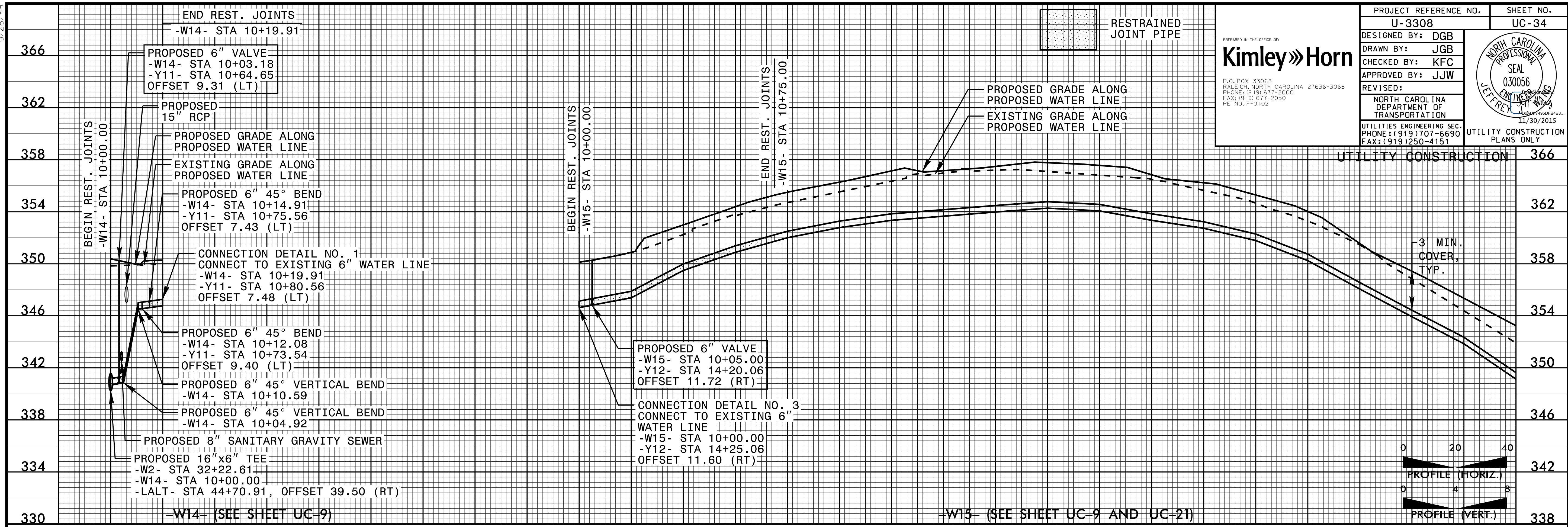


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PROJECT REFERENCE NO. U-3308 SHEET NO. UC-34

DESIGNED BY: DGB
 DRAWN BY: JGB
 CHECKED BY: KFC
 APPROVED BY: JJW

REVISED:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151

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Kimley»Horn

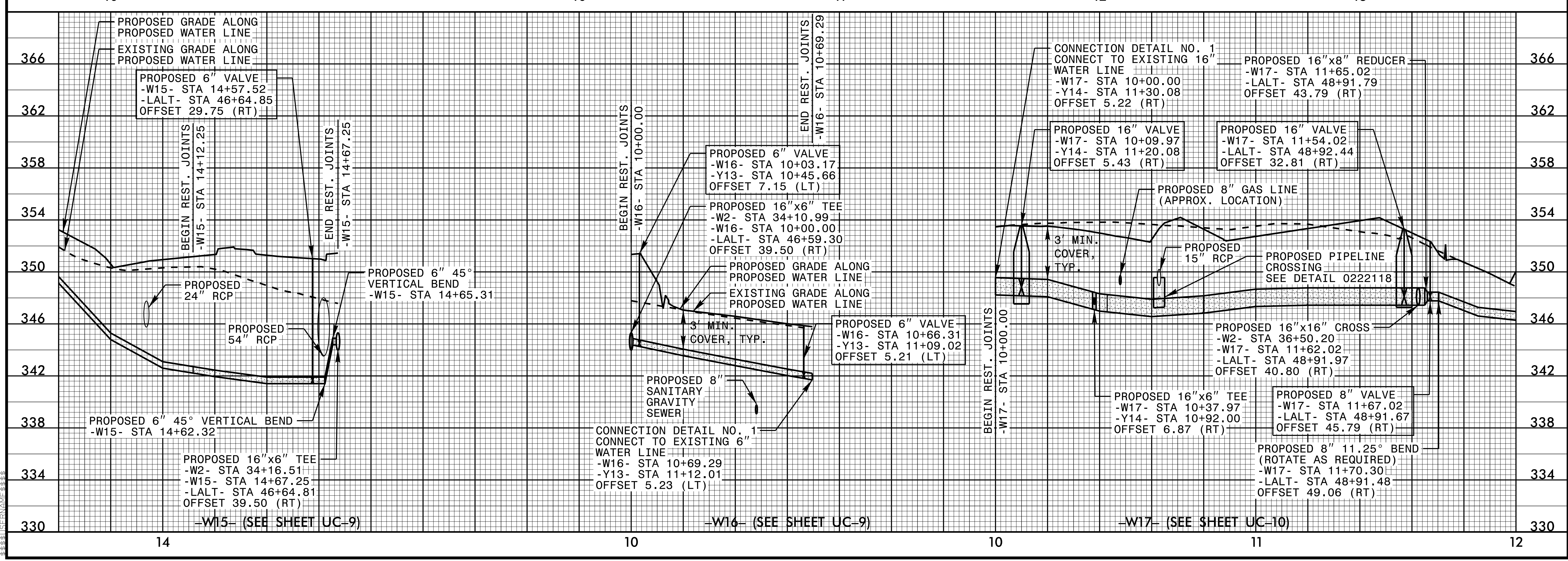
P.O. BOX 33068 RALEIGH, NORTH CAROLINA 27636-3068
 PHONE: (919) 677-2000
 FAX: (919) 677-2050
 PE NO. P-0102

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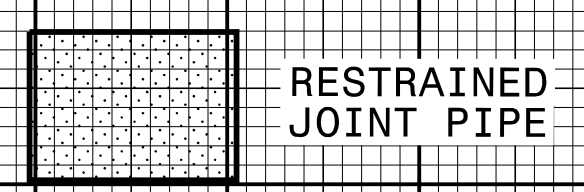
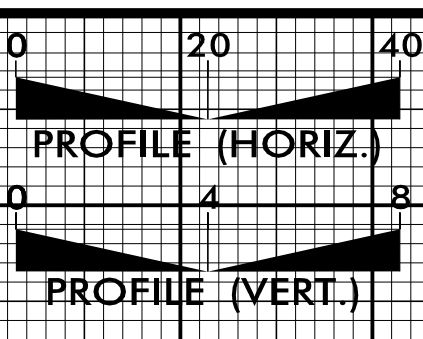
030056

JEFFREY W. HORN, P.E.

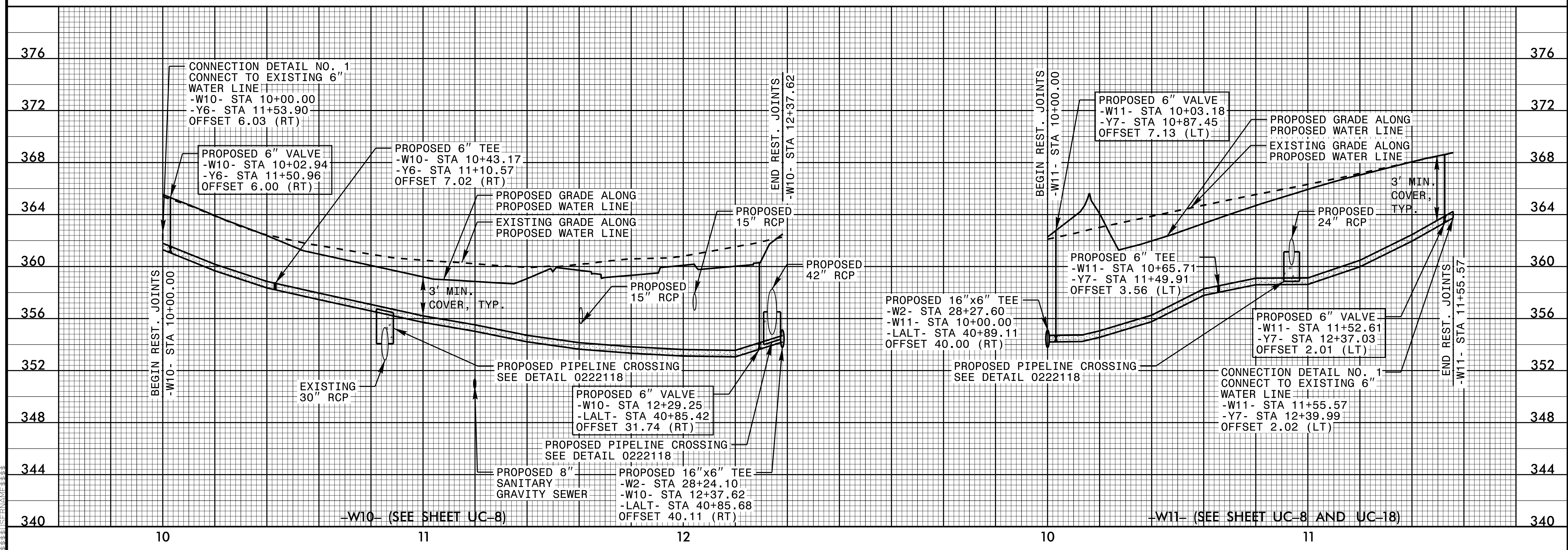
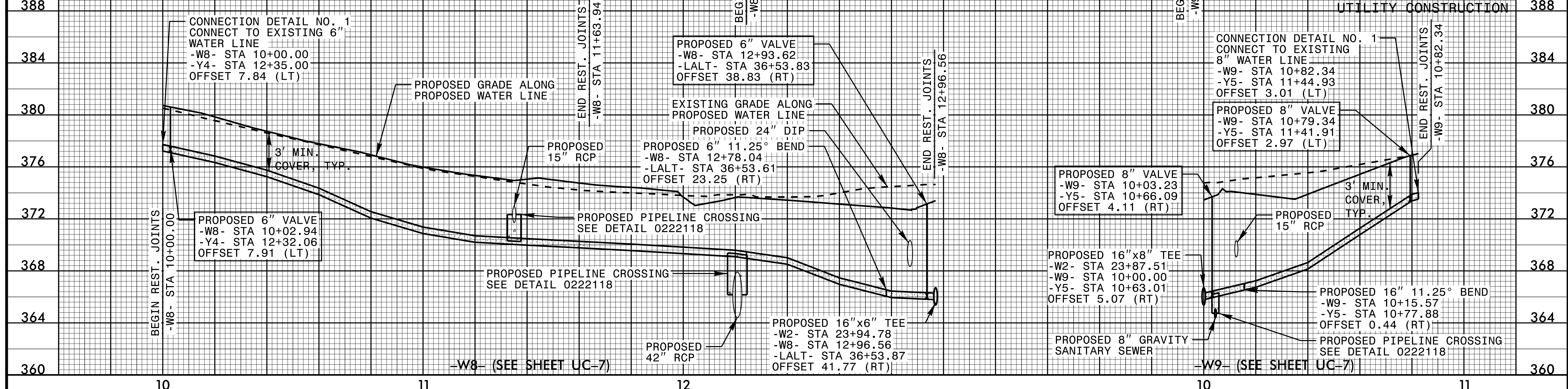
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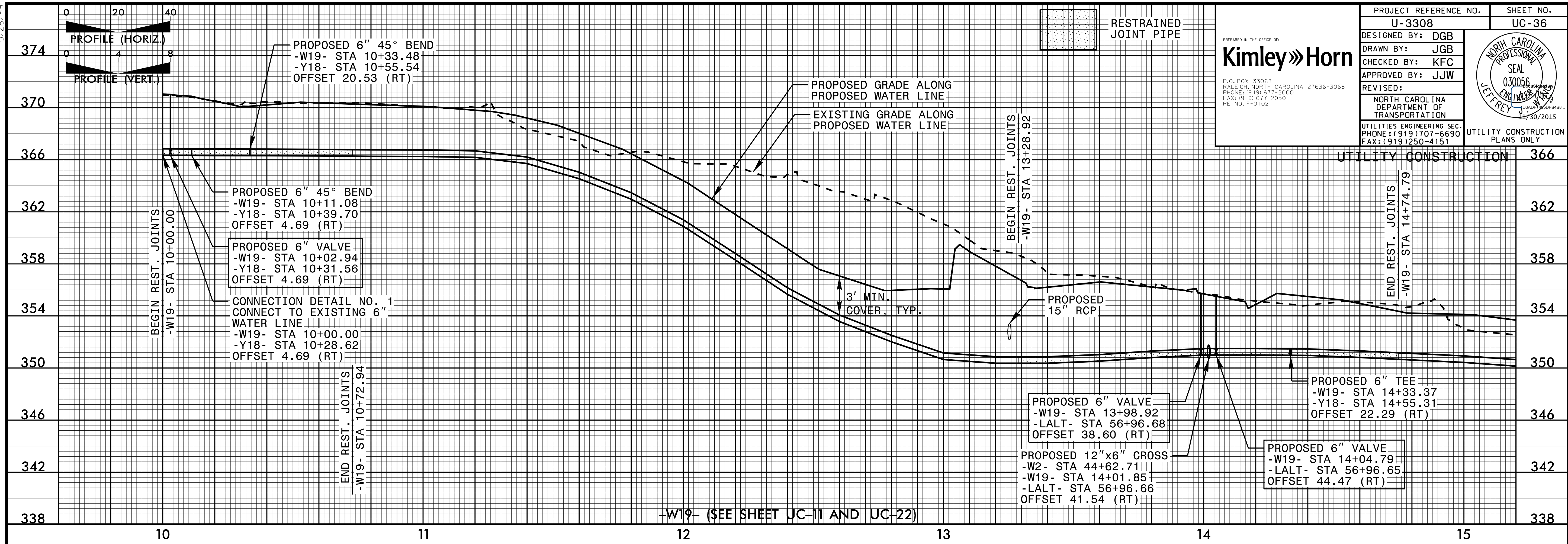


PROJECT REFERENCE NO. U-3308		SHEET NO. UC-32
DESIGNED BY: DGB		
DRAWN BY: JGB		
CHECKED BY: KFC		
APPROVED BY: JJW		
REVISIONS:	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151 UTILITY CONSTRUCTION PLANS ONLY	



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PROJECT REFERENCE NO. U-3308 SHEET NO. UC-36

DESIGNED BY: DGB
DRAWN BY: JGB
CHECKED BY: KFC
APPROVED BY: JJW

REVISIONS:

Kimley»Horn

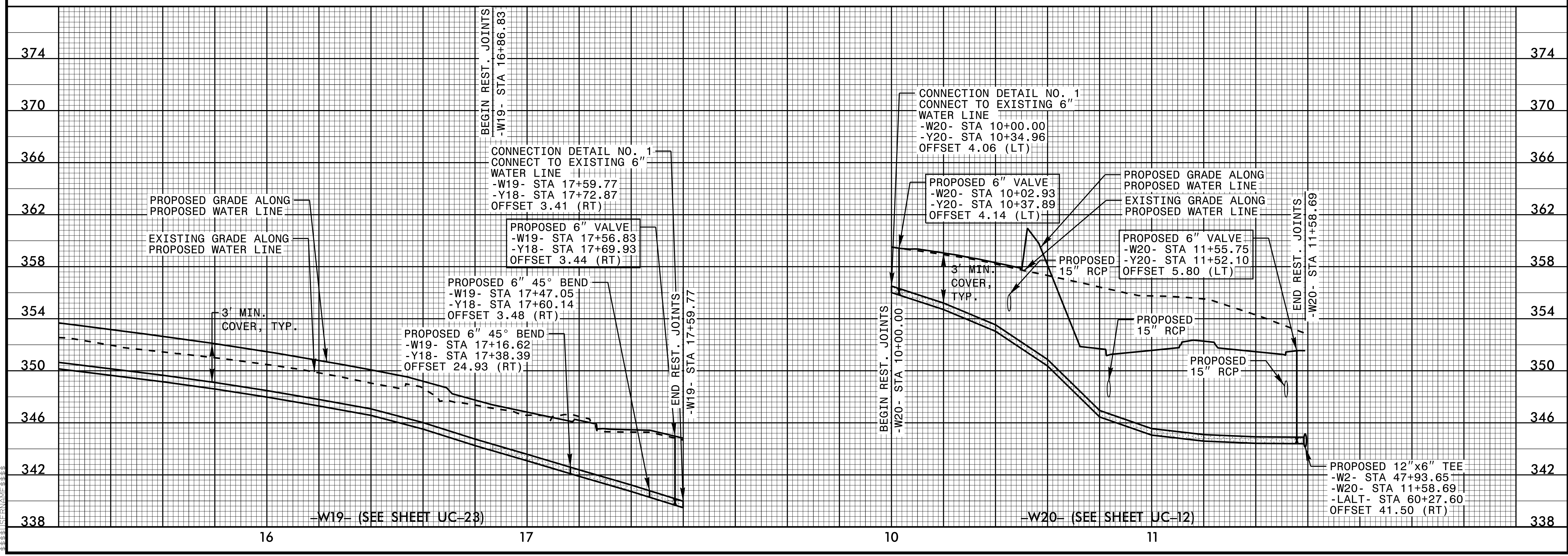
P.O. BOX 33068
RALEIGH, NORTH CAROLINA 27636-3068
PHONE: (919) 677-2000
FAX: (919) 677-2050
PE NO. P-0102

NORTH CAROLINA PROFESSIONAL SEAL
030056
JEFFREY J. HORN
11/30/2015

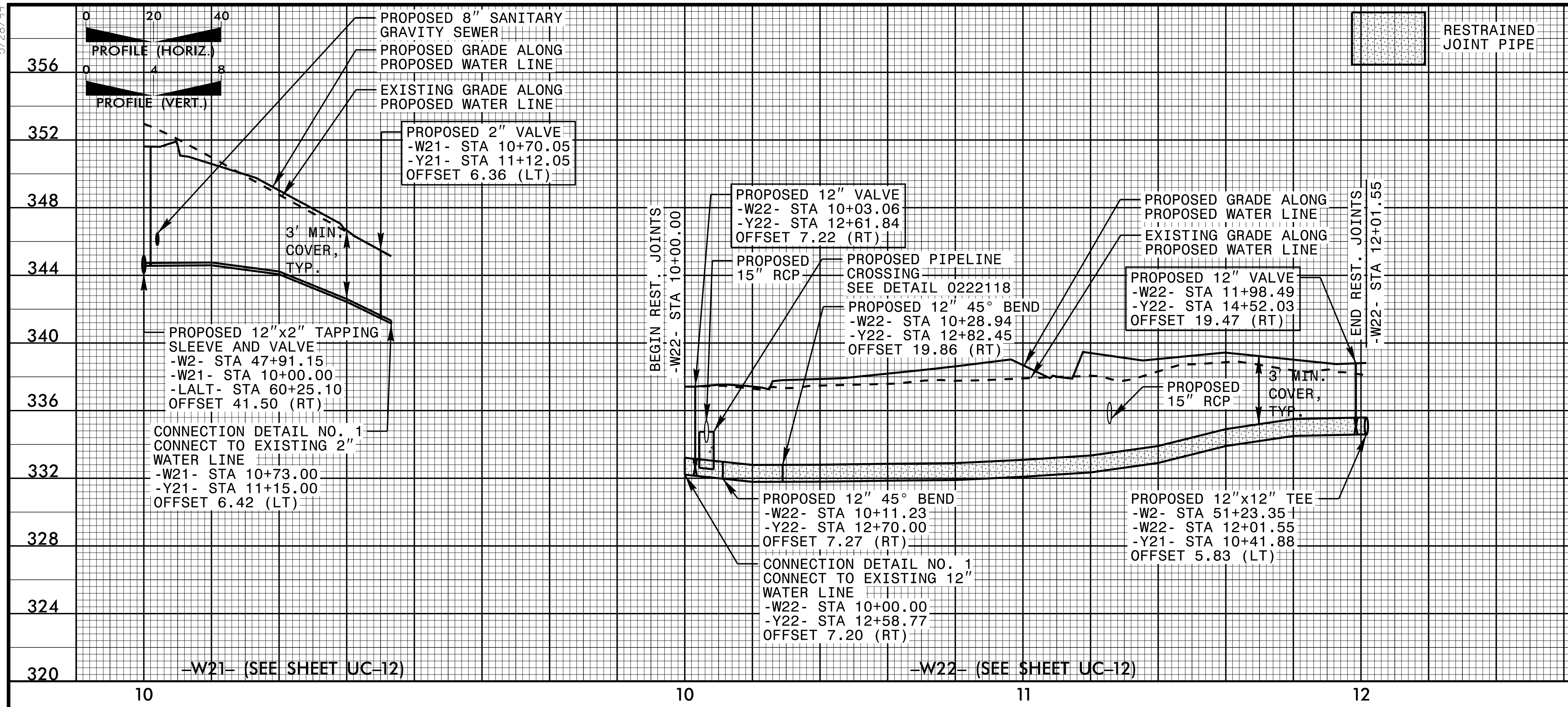
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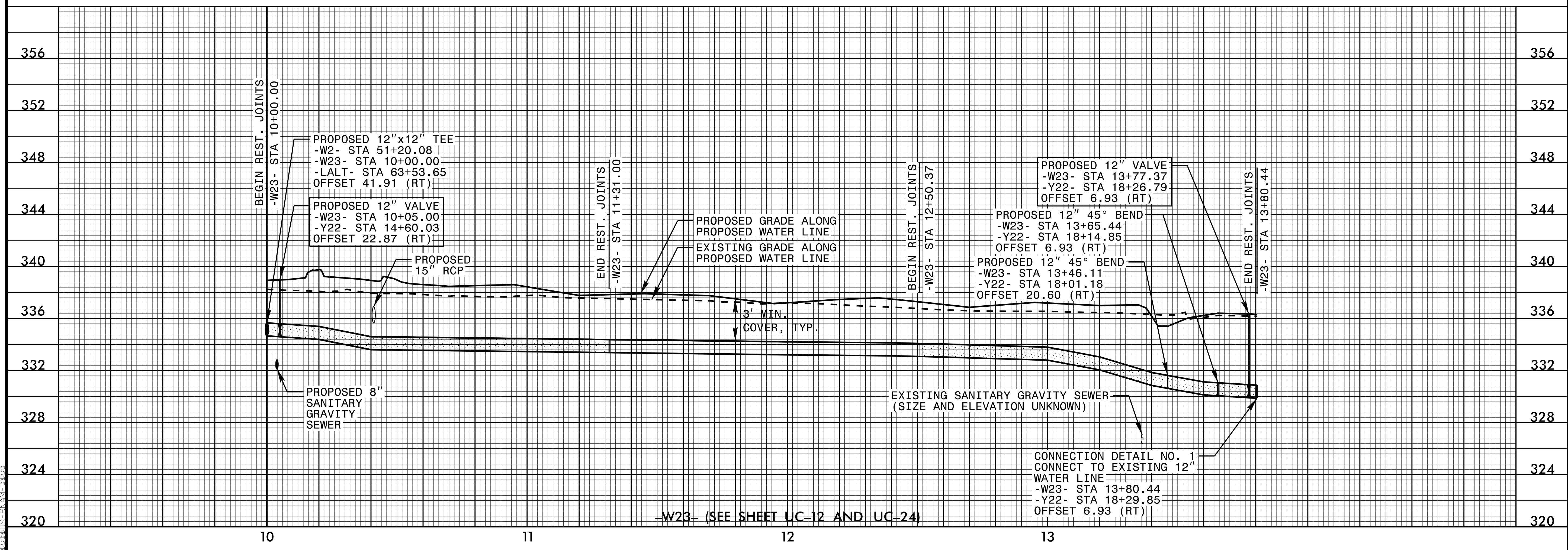


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PROJECT REFERENCE NO. U-3308	SHEET NO. UC-37
DESIGNED BY: DGB	
DRAWN BY: JGB	
CHECKED BY: KFC	
APPROVED BY: JJW	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151
PREPARED IN THE OFFICE OF: Kimley»Horn <small>P.O. BOX 33068 RALEIGH, NORTH CAROLINA 27636-3068 PHONE: (919) 677-2000 FAX: (919) 677-2050 PE NO. P-0102</small>	

UTILITY CONSTRUCTION 348



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UTILITY CONSTRUCTION 348

UTILITY CONSTRUCTION 344

UTILITY CONSTRUCTION 340

UTILITY CONSTRUCTION 336

UTILITY CONSTRUCTION 332

UTILITY CONSTRUCTION 328

UTILITY CONSTRUCTION 324

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UTILITY CONSTRUCTION 356

UTILITY CONSTRUCTION 352

UTILITY CONSTRUCTION 348

UTILITY CONSTRUCTION 344

UTILITY CONSTRUCTION 340

UTILITY CONSTRUCTION 336

UTILITY CONSTRUCTION 332

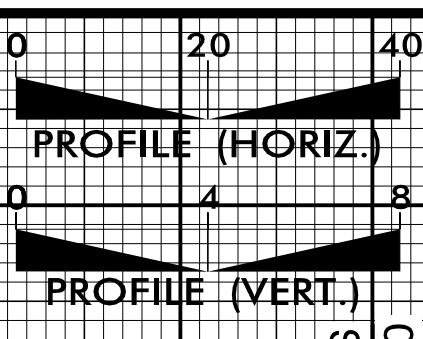
UTILITY CONSTRUCTION 328

UTILITY CONSTRUCTION 324

UTILITY CONSTRUCTION 320

-W23- (SEE SHEET UC-12 AND UC-24)

5/28/99



RESTRAINED JOINT PIPE

PROJECT REFERENCE NO. U-3308 SHEET NO. UC-38

DESIGNED BY: DGB
DRAWN BY: JGB
CHECKED BY: KFC
APPROVED BY: JJW

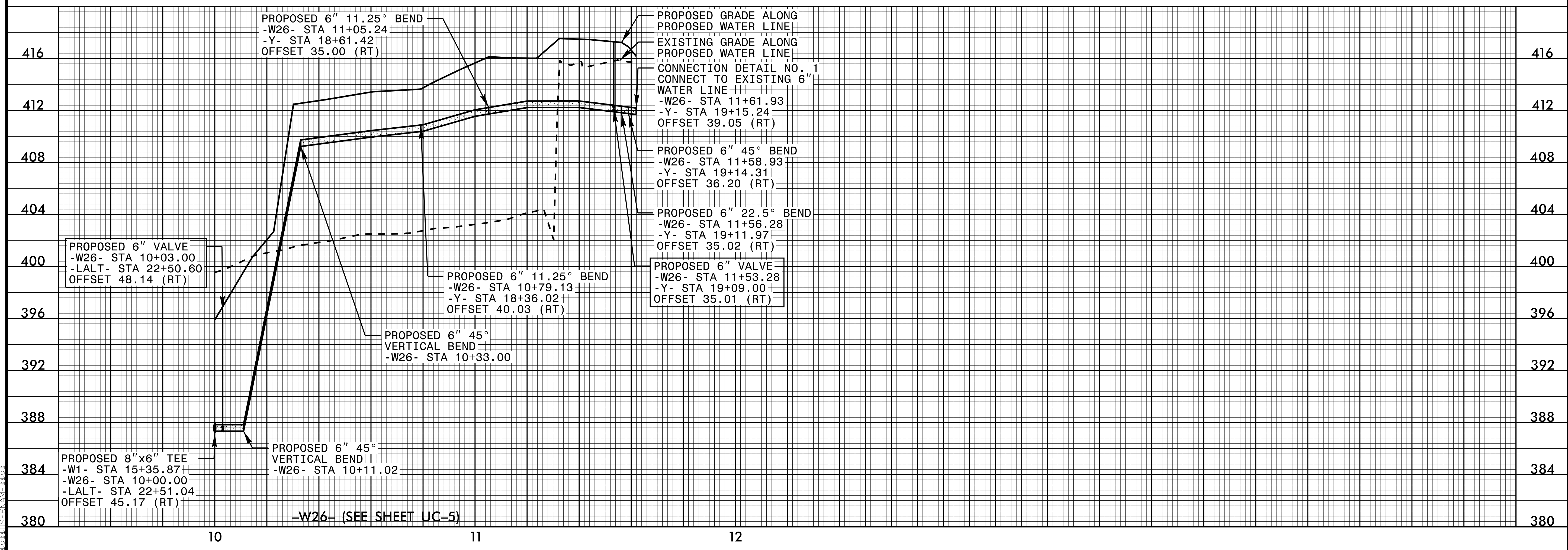
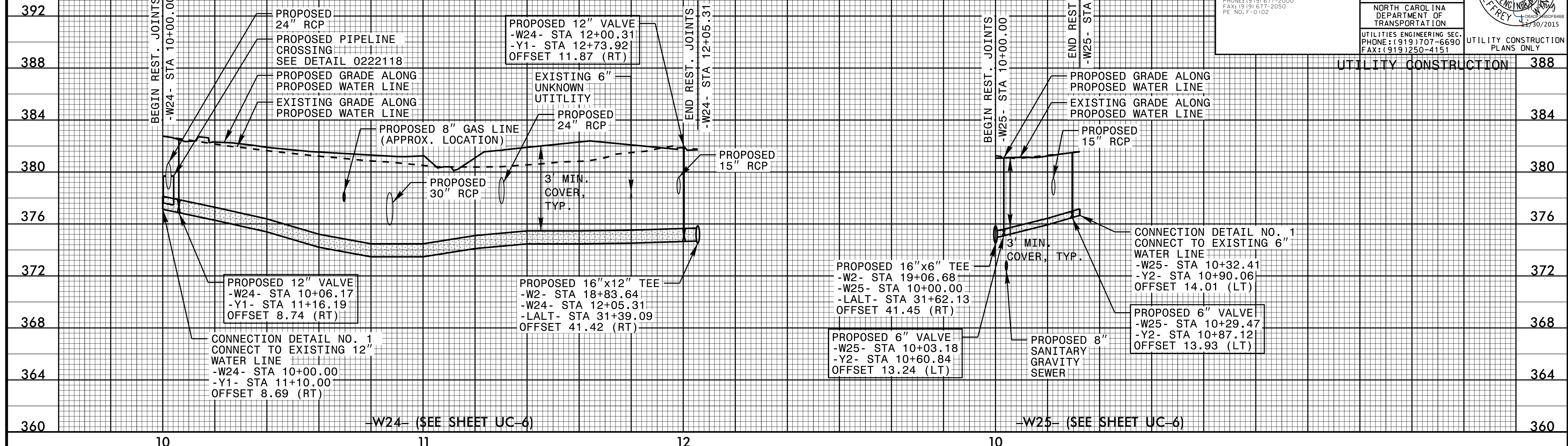
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UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151

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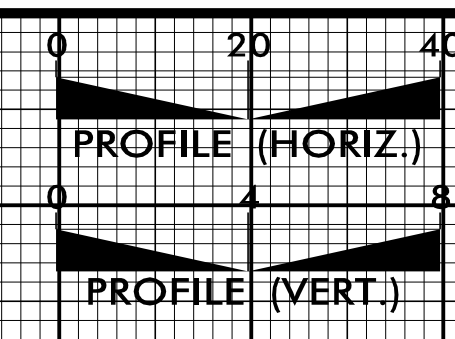
Kimley»Horn
P.O. BOX 33068 RALEIGH, NORTH CAROLINA 27636-3068
PHONE: (919) 677-2000 FAX: (919) 677-2050
PE NO. P-0102

NORTH CAROLINA PROFESSIONAL SEAL
030056
JEFFREY L. JEFFREY
12/30/2015



5/28/99

5/28/99



PROJECT REFERENCE NO. U-3308 SHEET NO. UC-39

DESIGNED BY: DGB
 DRAWN BY: JGB
 CHECKED BY: KFC
 APPROVED BY: JJW

REVISED:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

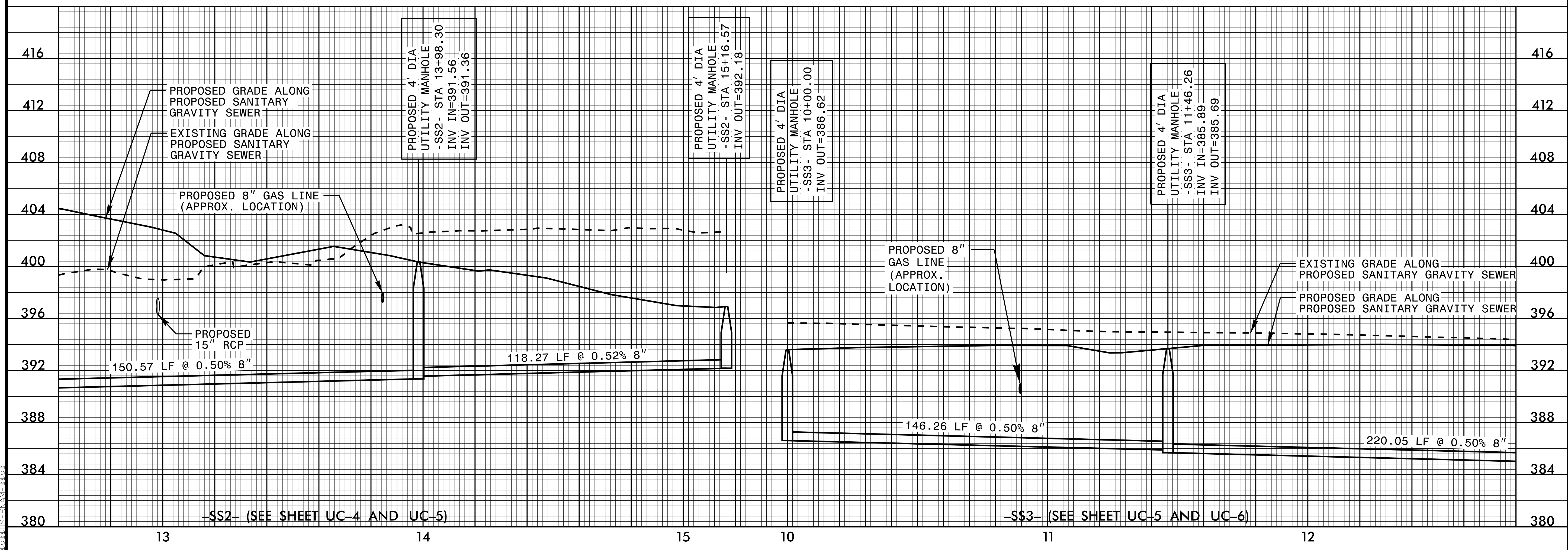
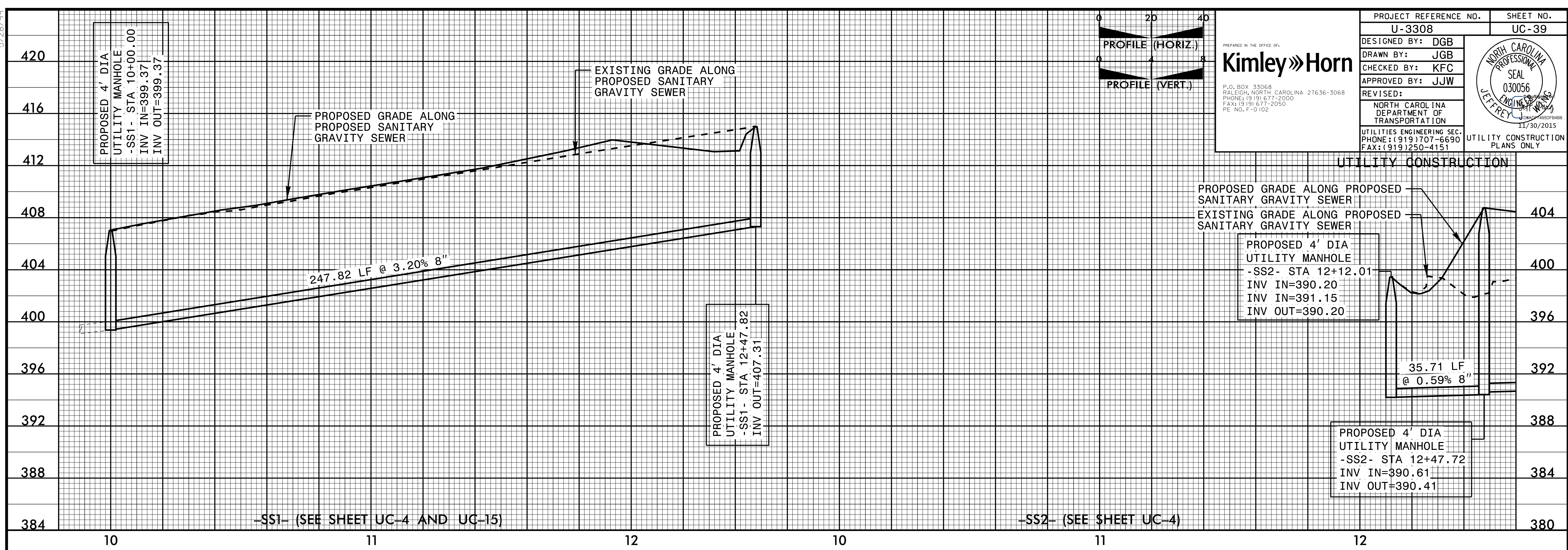
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151

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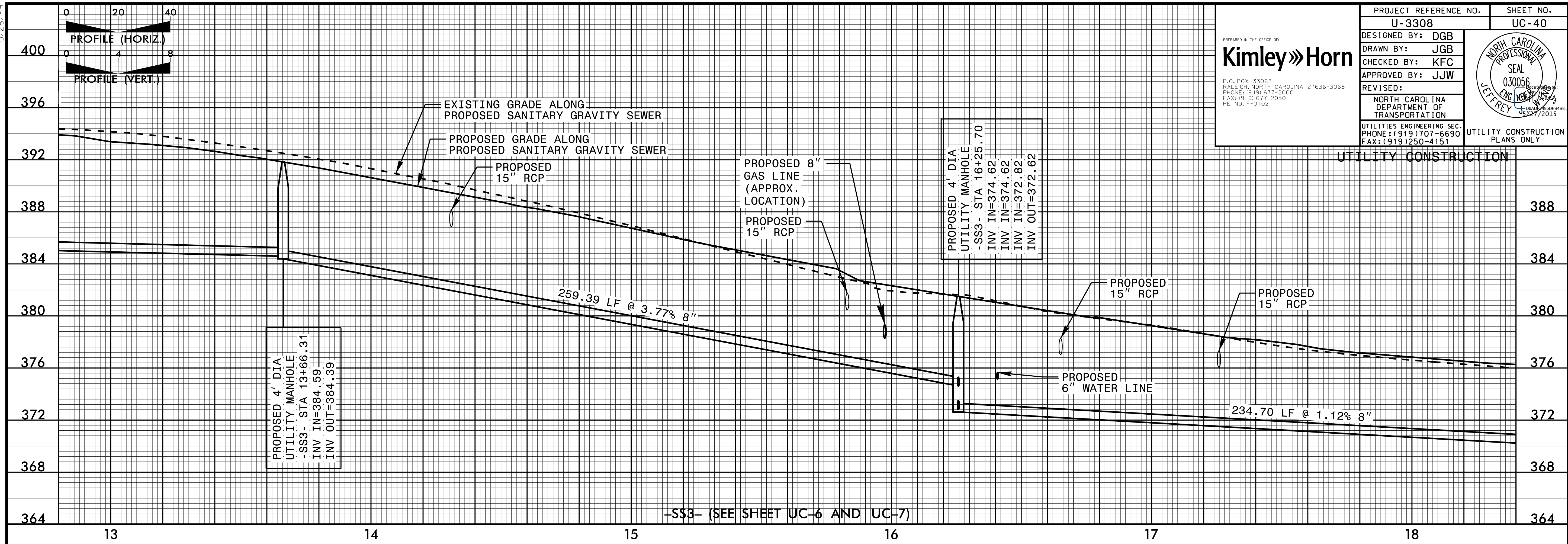
P.O. BOX 33068 RALEIGH, NORTH CAROLINA 27636-3068
 PHONE: (919) 677-2000
 FAX: (919) 677-2050
 PE NO. P-0102

NORTH CAROLINA PROFESSIONAL SEAL
 030056
 JEFFREY J. JEFFREY
 11/30/2015



5/28/99

5/28/99



PROJECT REFERENCE NO. U-3308 SHEET NO. UC-40

DESIGNED BY: DGB

DRAWN BY: JGB

CHECKED BY: KFC

APPROVED BY: JJW

REVISED:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151

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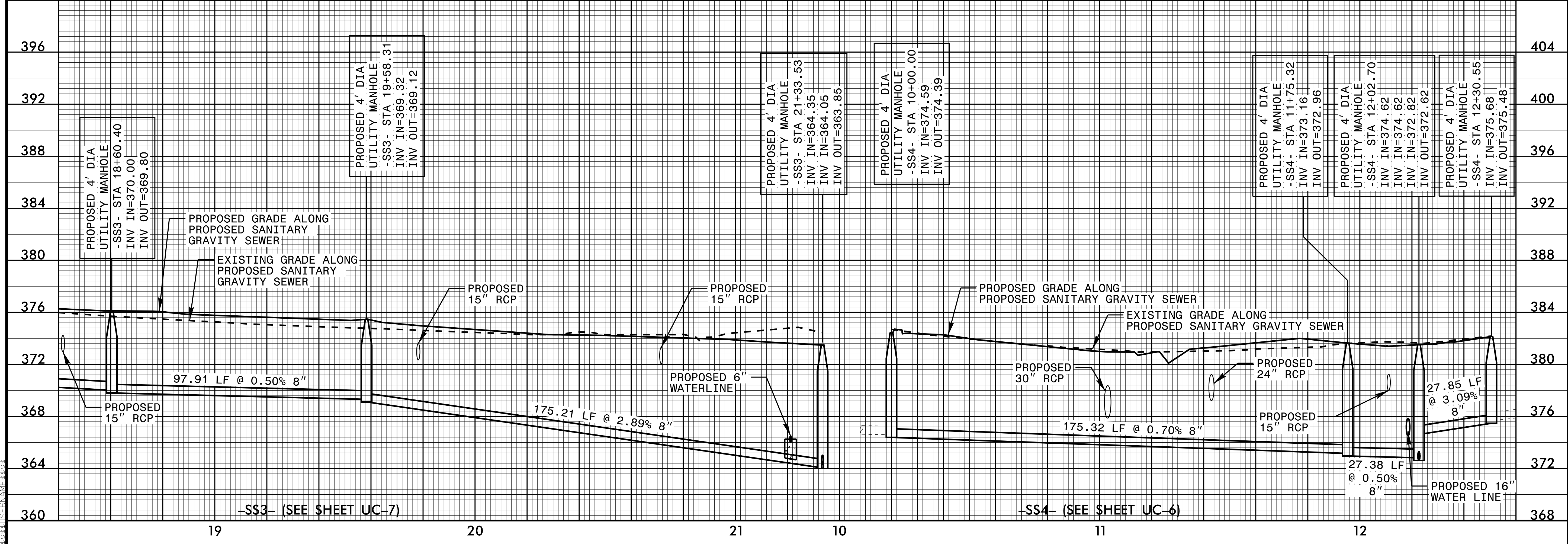
Kimley»Horn

PREPARED IN THE OFFICE OF:

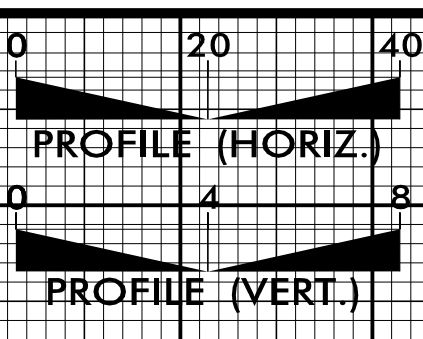
P.O. BOX 33068 RALEIGH, NORTH CAROLINA 27636-3068 PHONE: (919) 677-2000 FAX: (919) 677-2050 PE NO. F-0102

NORTH CAROLINA PROFESSIONAL SEAL 030056 JEFFREY J. DAVIS 650788 5/27/2015

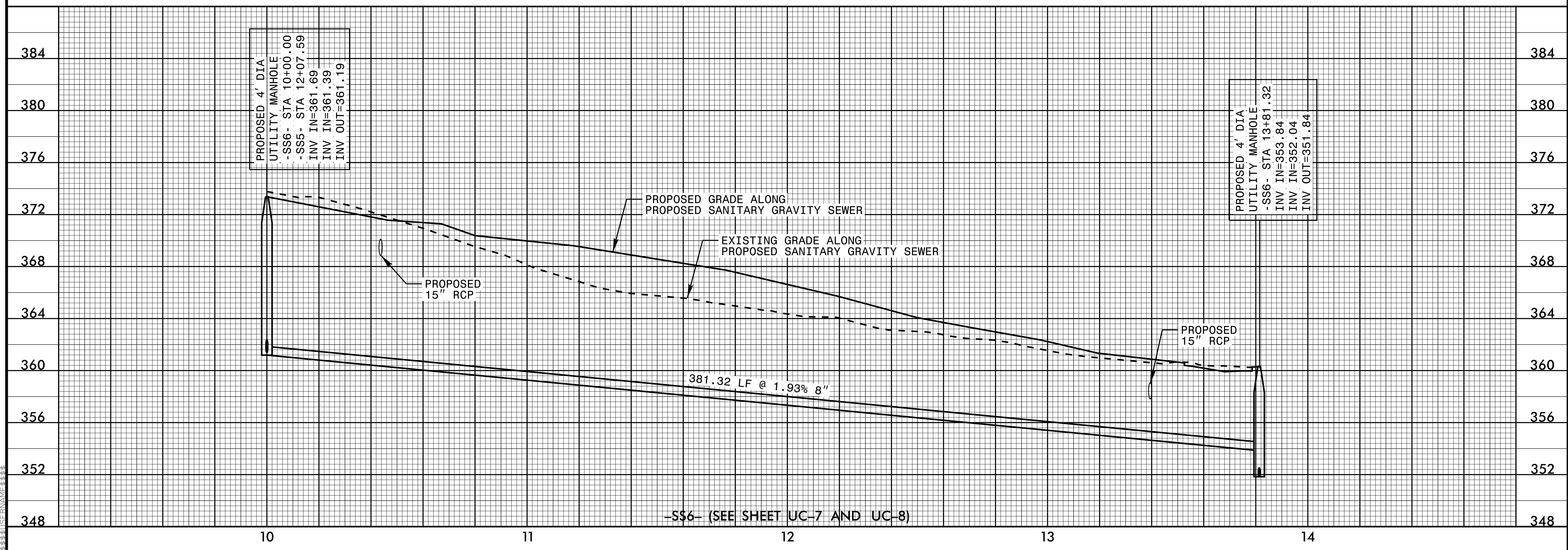
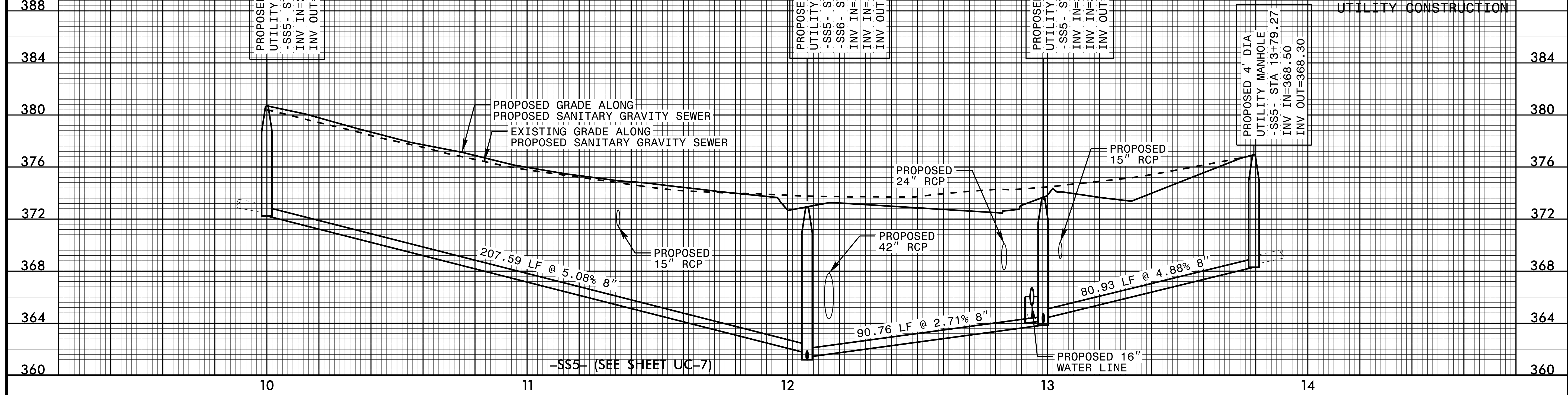
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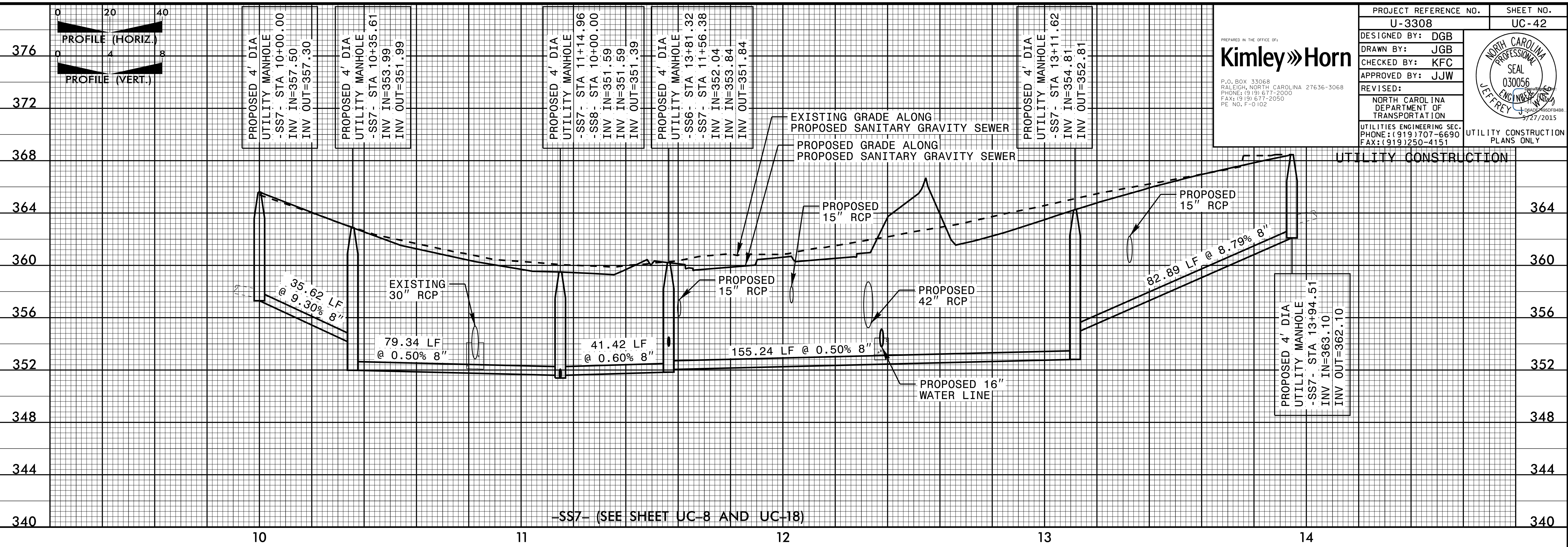
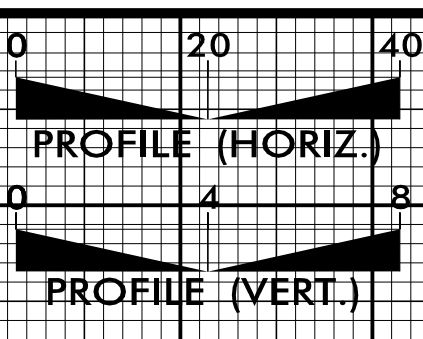


PROJECT REFERENCE NO. U-3308	SHEET NO. UC-41
DESIGNED BY: DGB	
DRAWN BY: JGB	
CHECKED BY: KFC	
APPROVED BY: JJW	REVISED:
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
UTILITY CONSTRUCTION PLANS ONLY	



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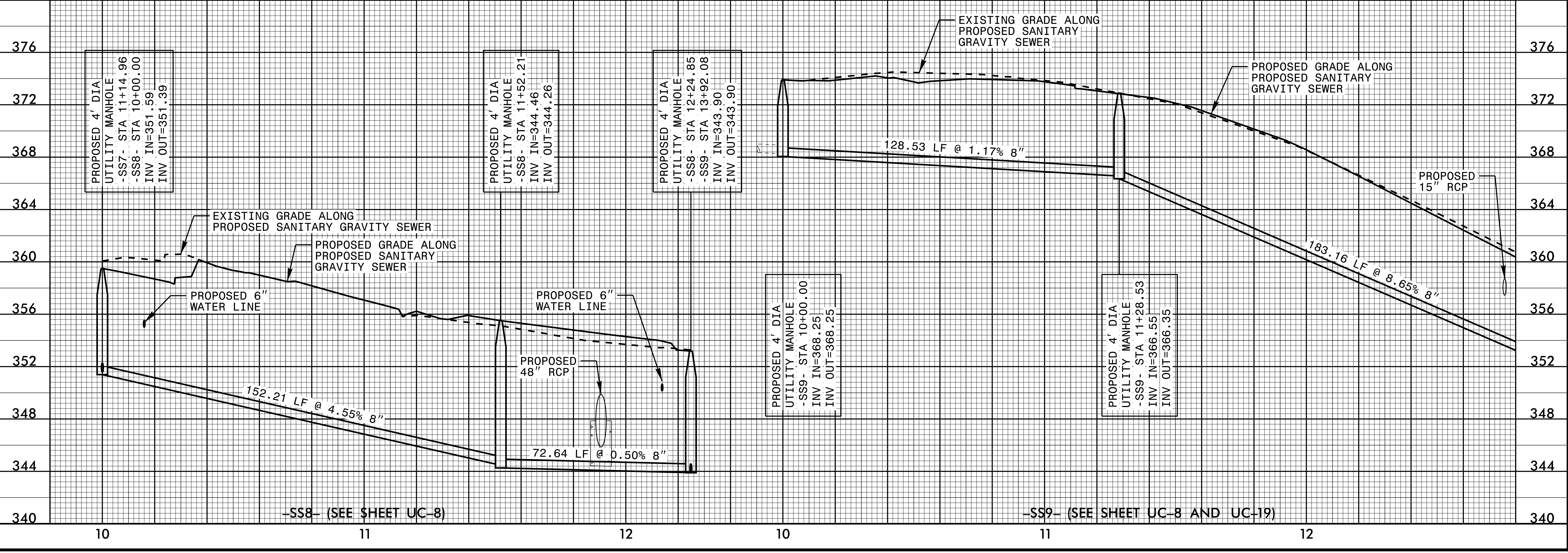


PROJECT REFERENCE NO. U-3308	SHEET NO. UC-42
DESIGNED BY: DGB	
DRAWN BY: JGB	
CHECKED BY: KFC	
APPROVED BY: JJW	REVISER:
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
UTILITY CONSTRUCTION PLANS ONLY	

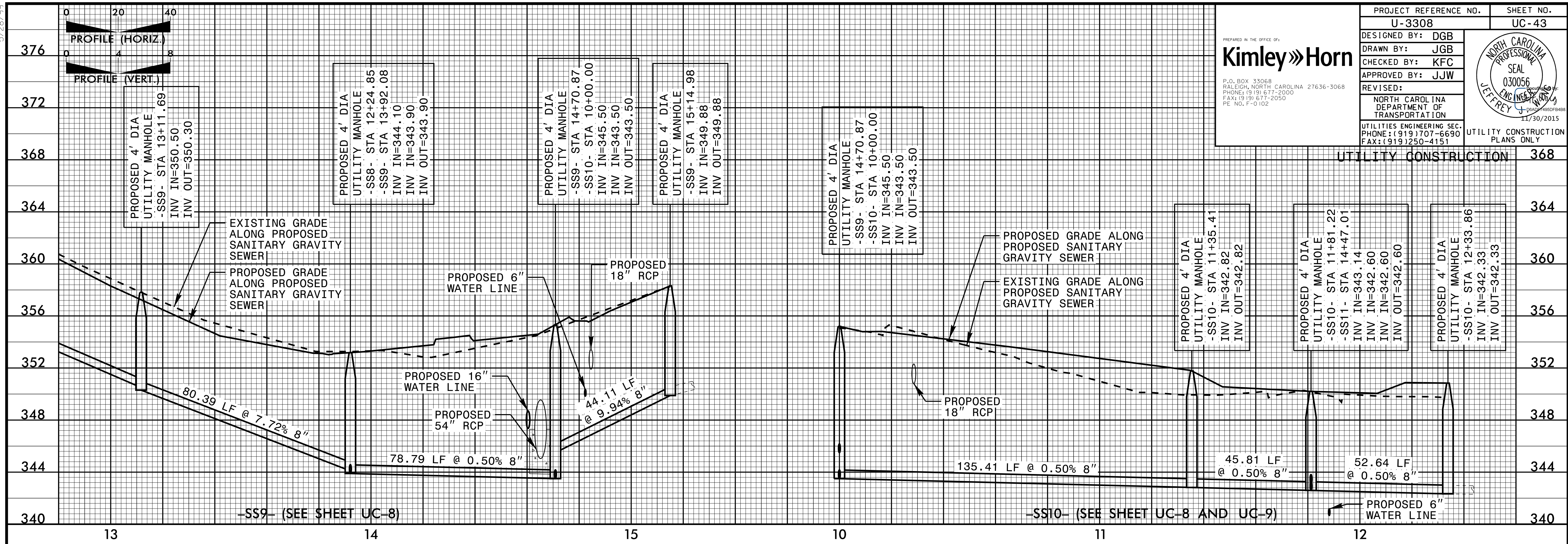
Kimley»Horn

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RALEIGH, NORTH CAROLINA 27636-3068
PHONE: (919) 677-2000
FAX: (919) 677-2050
PE NO. P-0102

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PROJECT REFERENCE NO. U-3308 SHEET NO. UC-43

DESIGNED BY: DGB
DRAWN BY: JGB
CHECKED BY: KFC
APPROVED BY: JJW

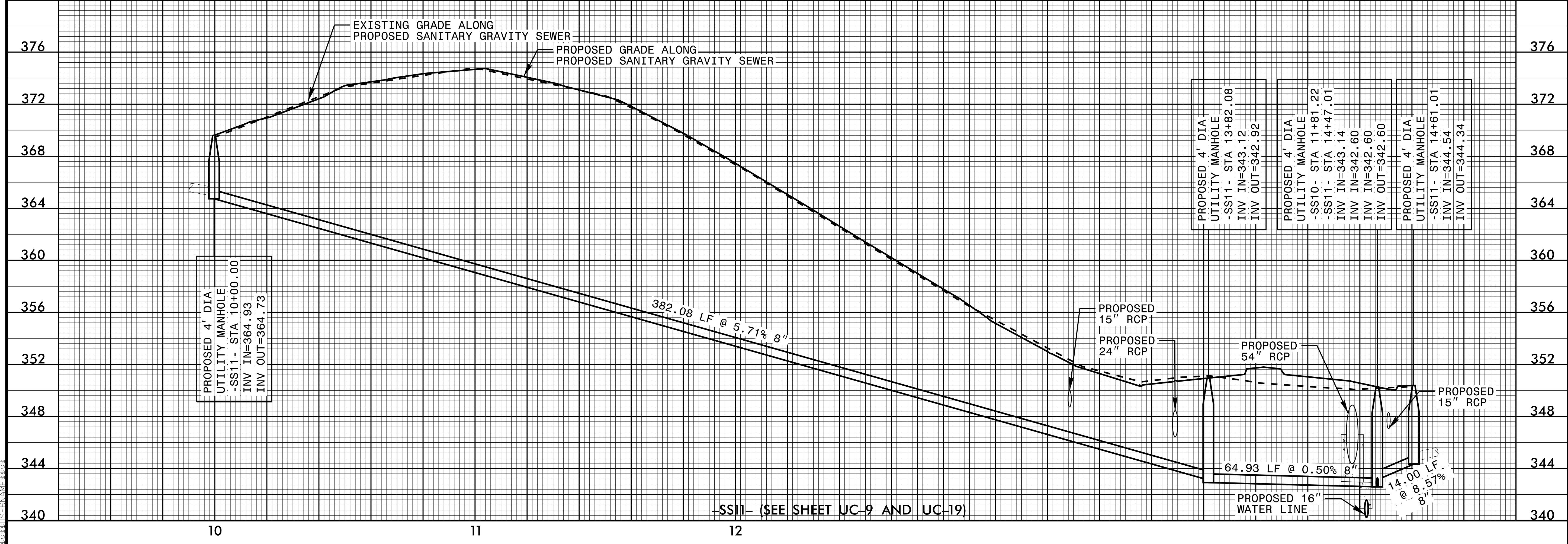
REVIS: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151

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Kimley Horn
P.O. BOX 33068
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PHONE: (919) 677-2000
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PE NO. P-0102

NORTH CAROLINA PROFESSIONAL SEAL
030056
JEFFREY J. HORN
11/30/2015



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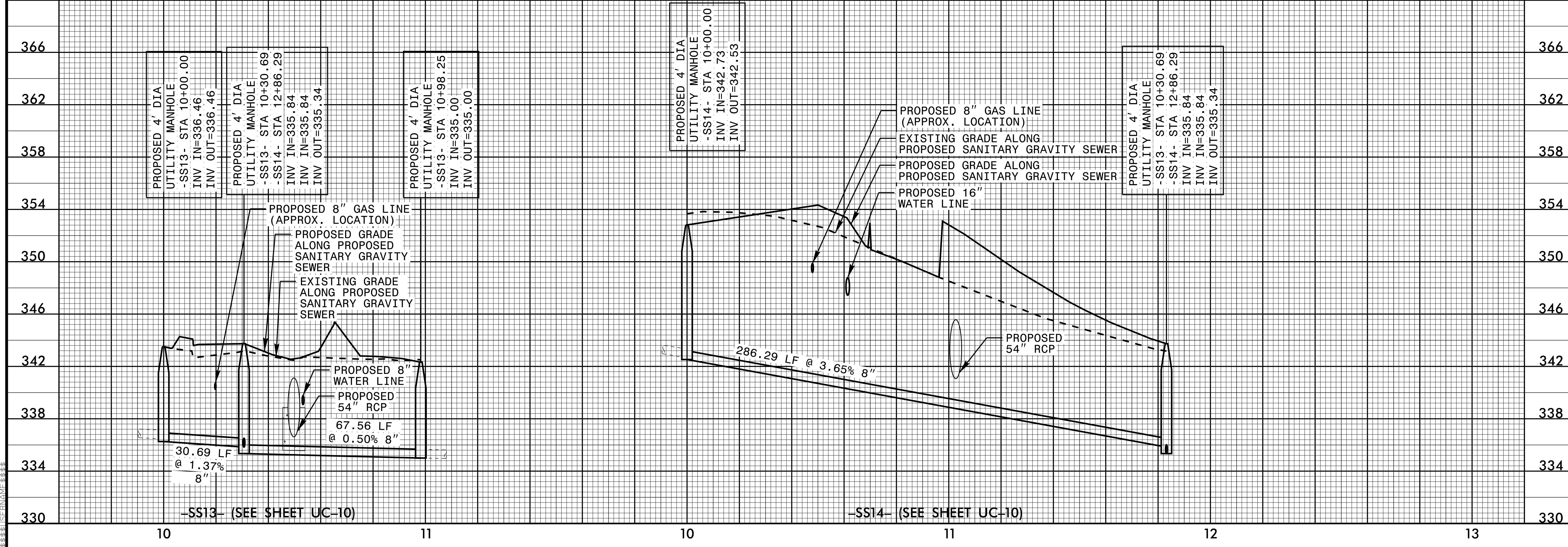
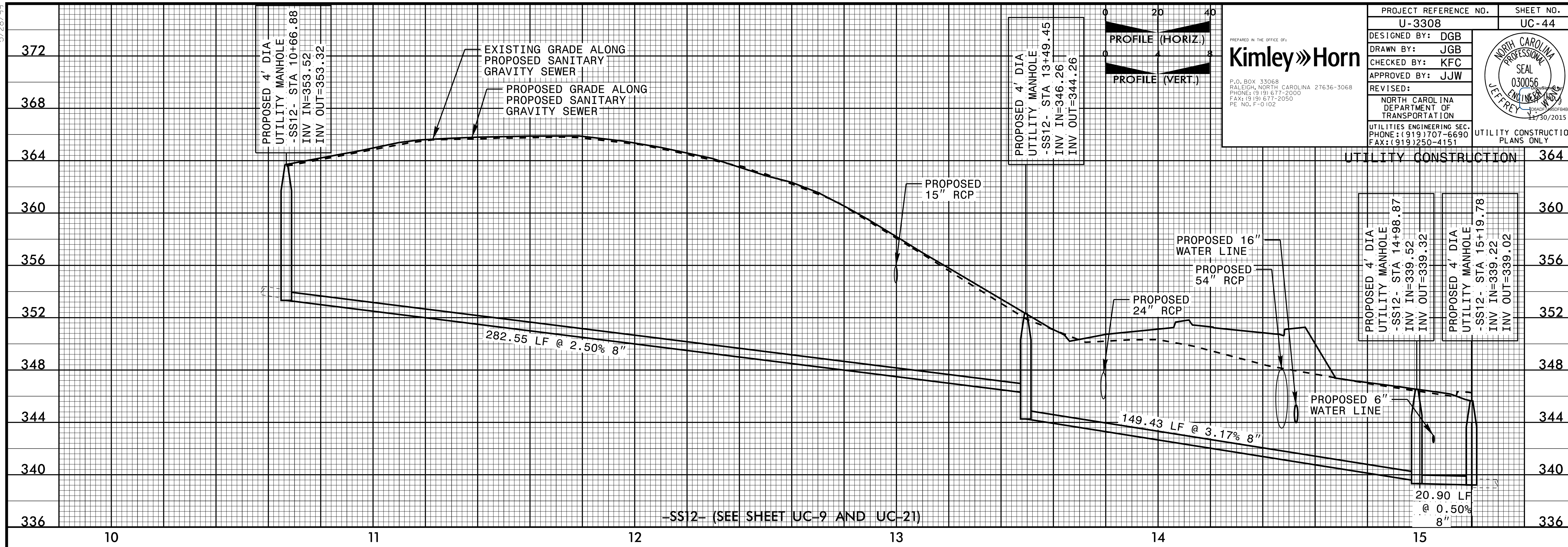
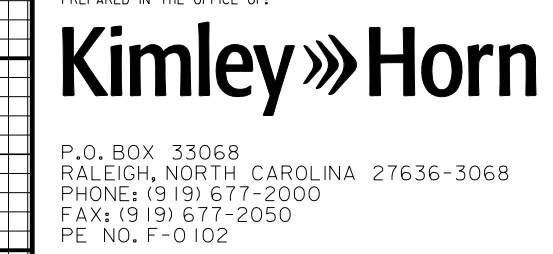
DESIGNED BY: DGB
 DRAWN BY: JGB
 CHECKED BY: KFC
 APPROVED BY: JJW

REVISIONS:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

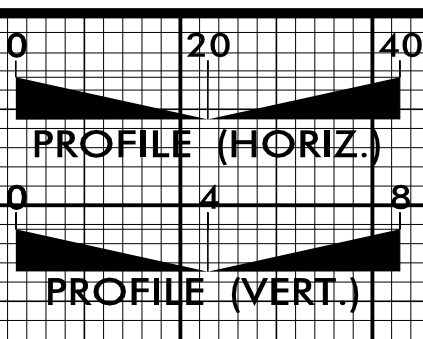
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151

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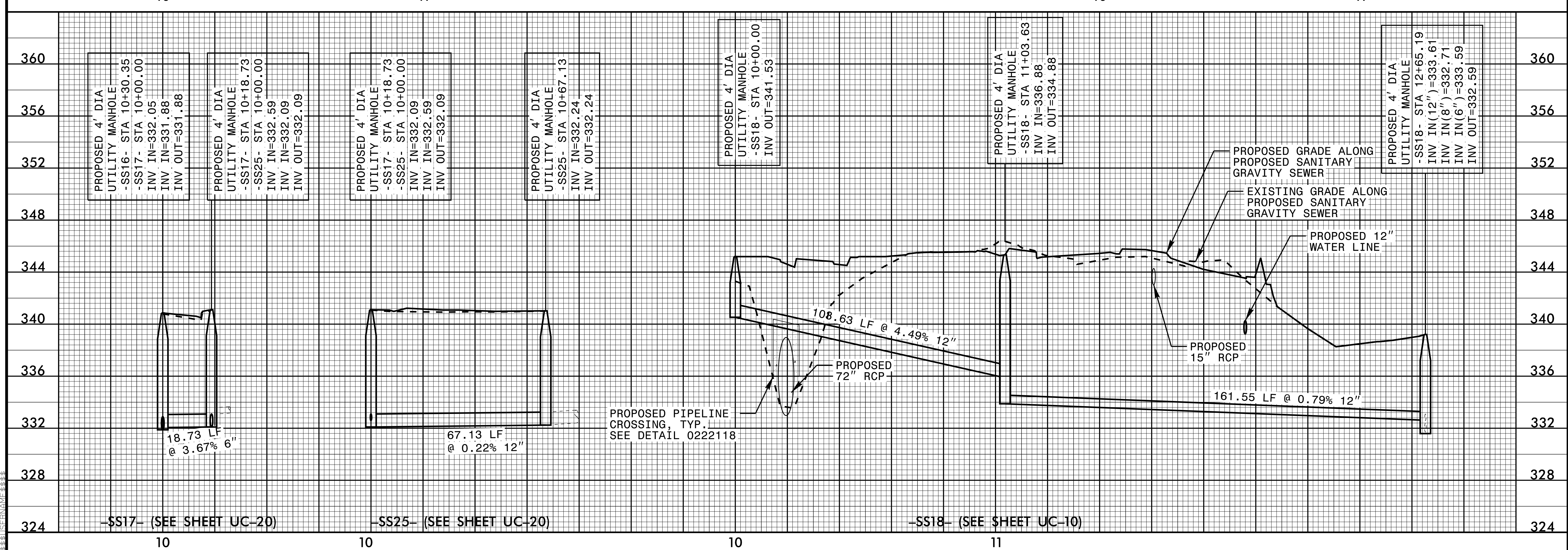
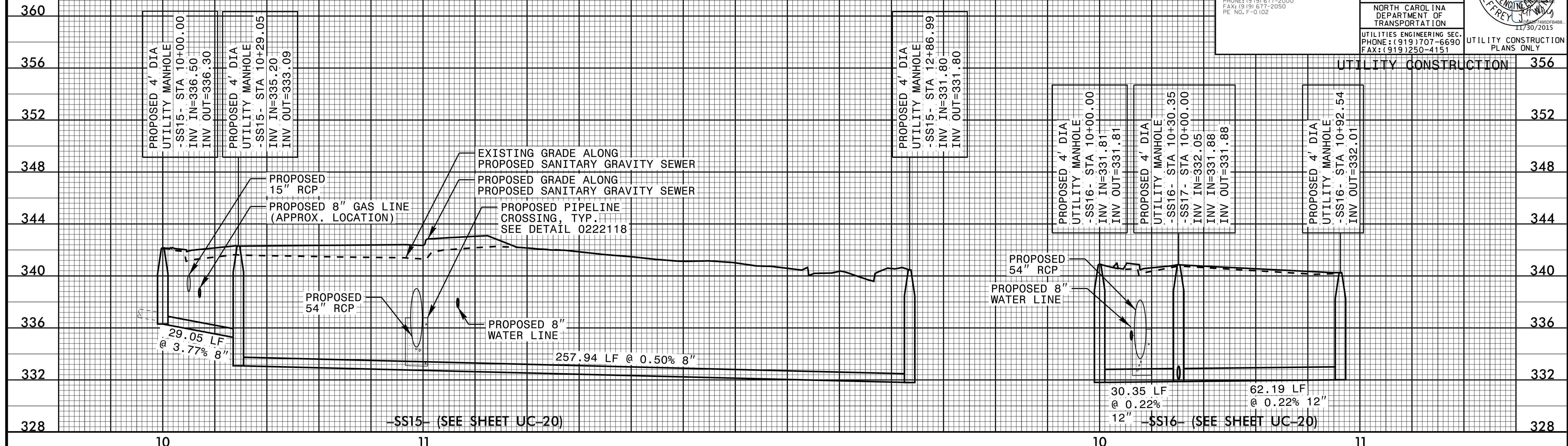


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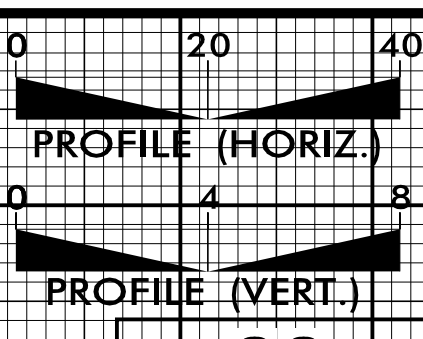


PROJECT REFERENCE NO. U-3308	SHEET NO. UC-45
DESIGNED BY: DGB	
DRAWN BY: JGB	
CHECKED BY: KFC	
APPROVED BY: JJW	
REVISED:	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151
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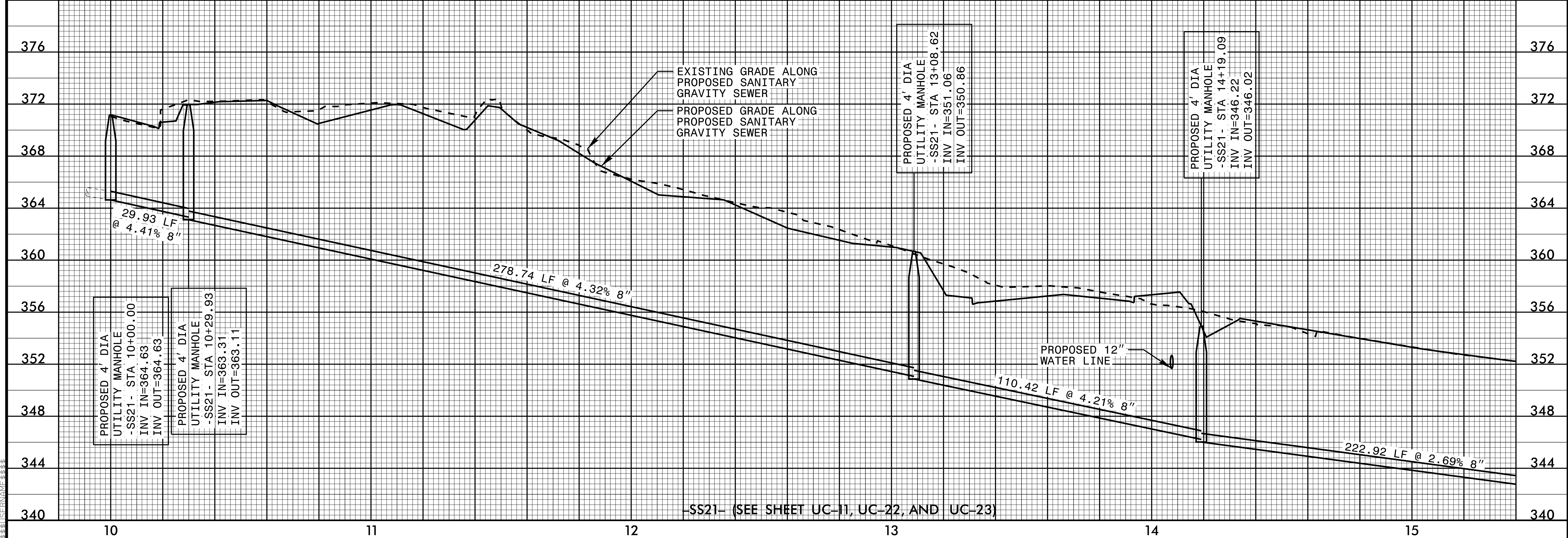
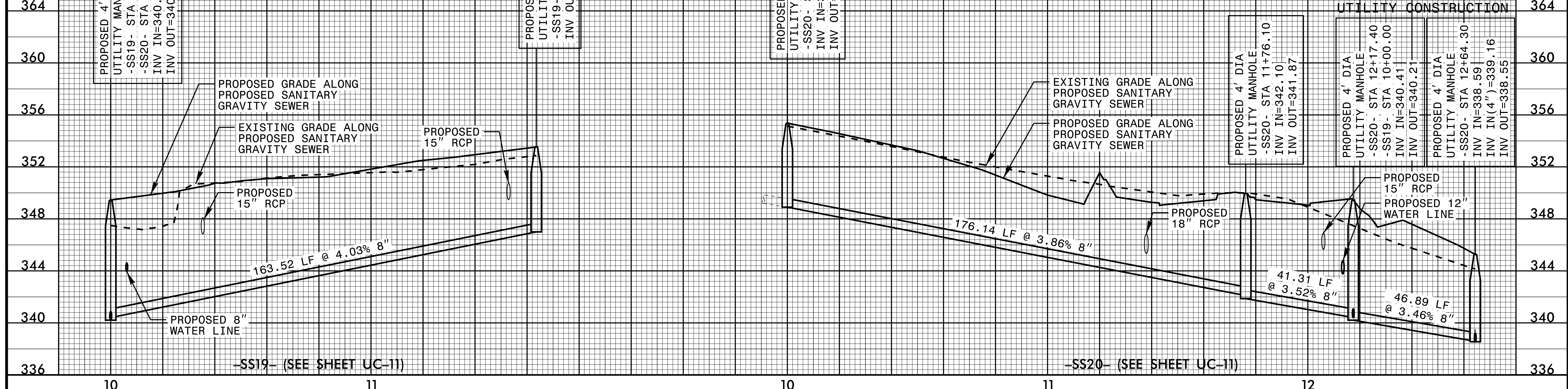


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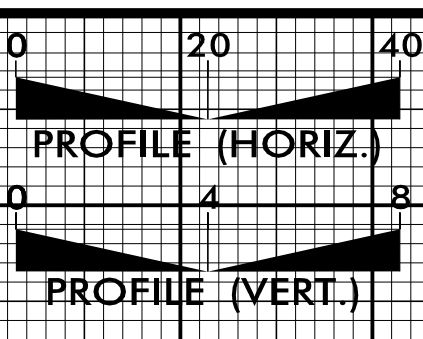


PROJECT REFERENCE NO. U-3308	SHEET NO. UC-46
DESIGNED BY: DGB	
DRAWN BY: JGB	
CHECKED BY: KFC	
APPROVED BY: JJW	REVIS: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	

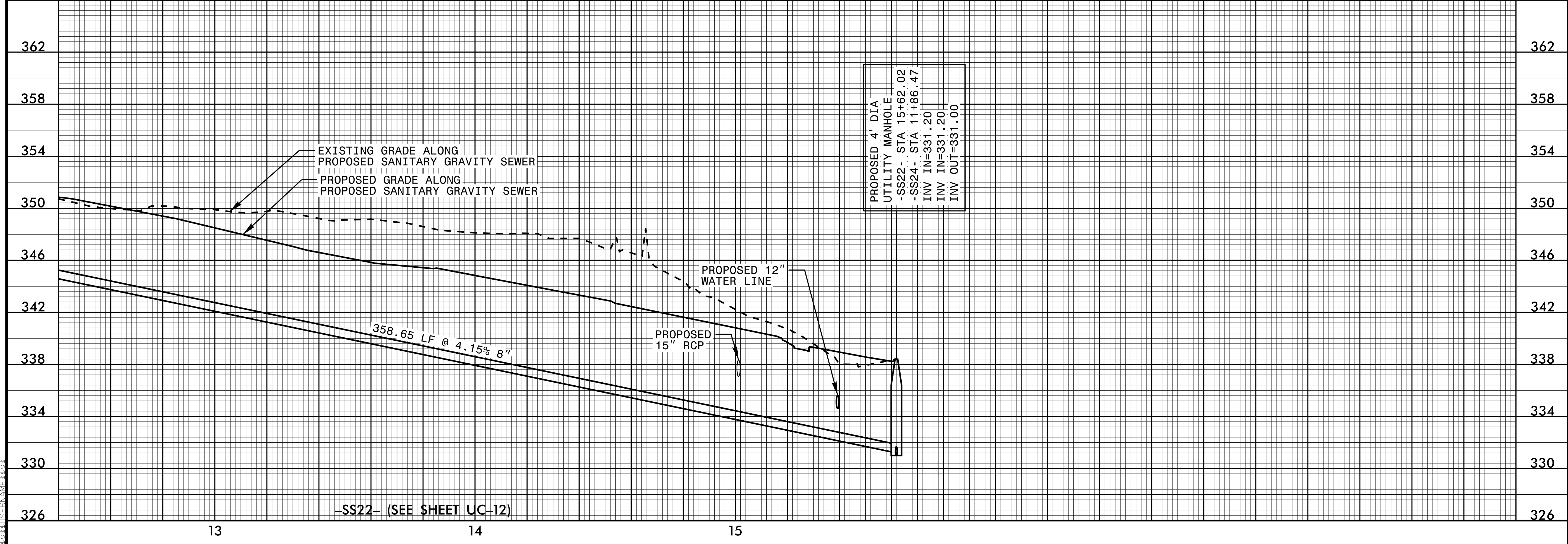
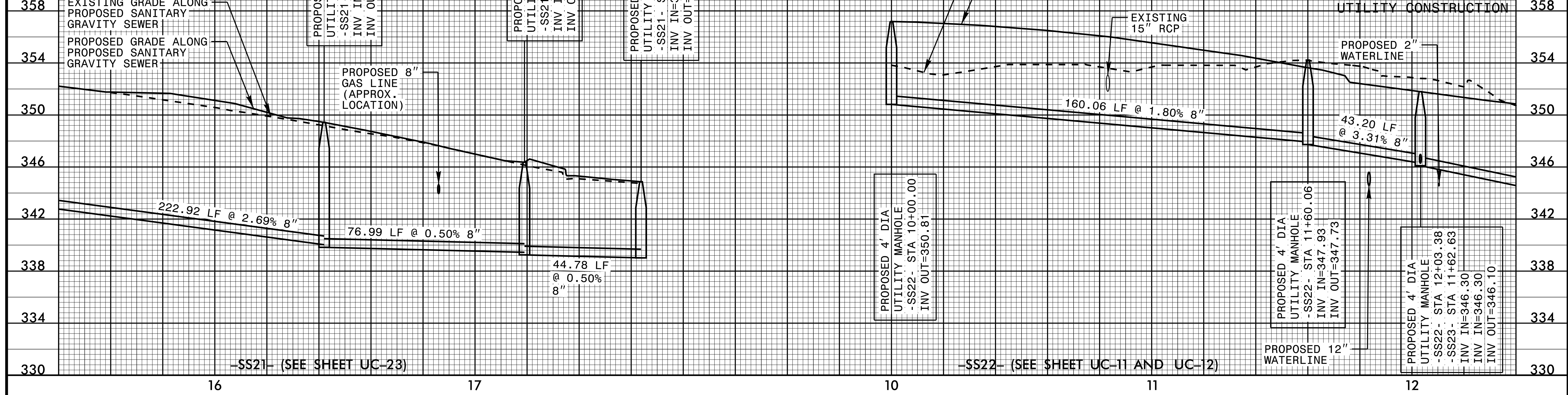


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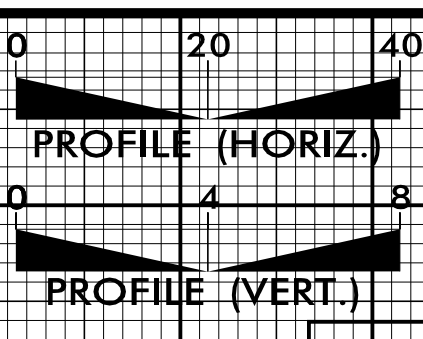


PROJECT REFERENCE NO. U-3308	SHEET NO. UC-47
DESIGNED BY: DGB	
DRAWN BY: JGB	
CHECKED BY: KFC	
APPROVED BY: JJW	
REVISED:	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151
PREPARED IN THE OFFICE OF: Kimley»Horn P.O. BOX 33068 RALEIGH, NORTH CAROLINA 27636-3068 PHONE: (919) 677-2000 FAX: (919) 677-2050 PE NO. F-0102	
UTILITY CONSTRUCTION PLANS ONLY	

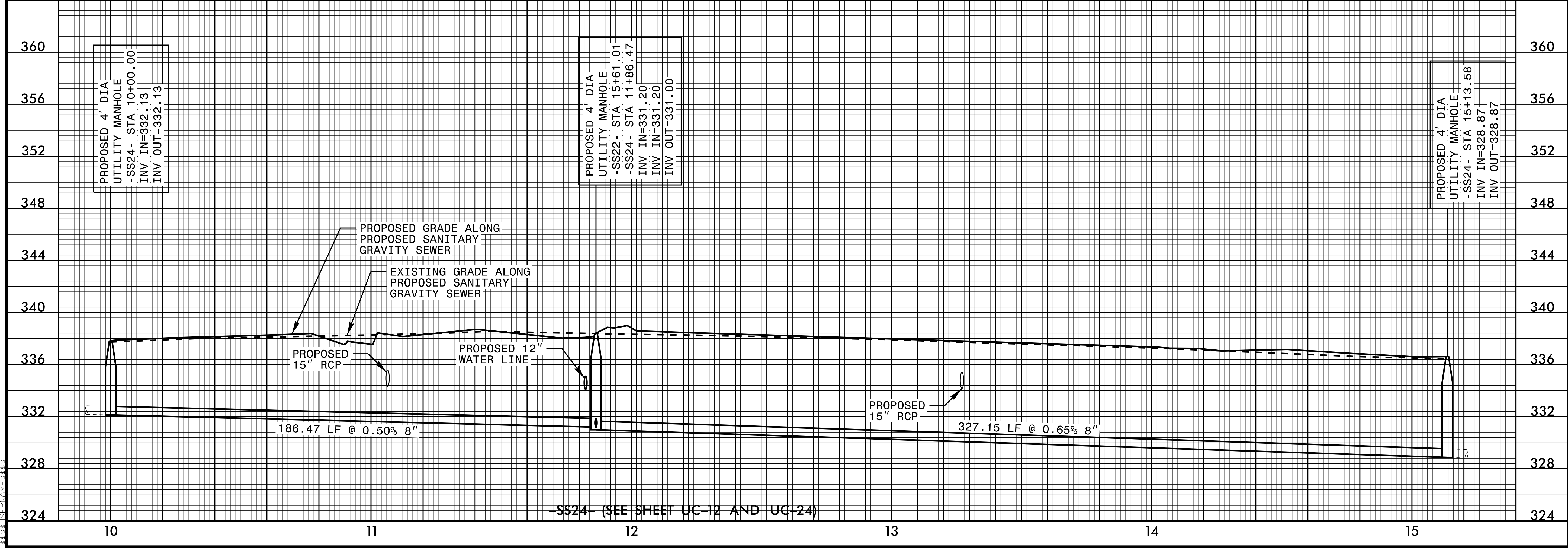
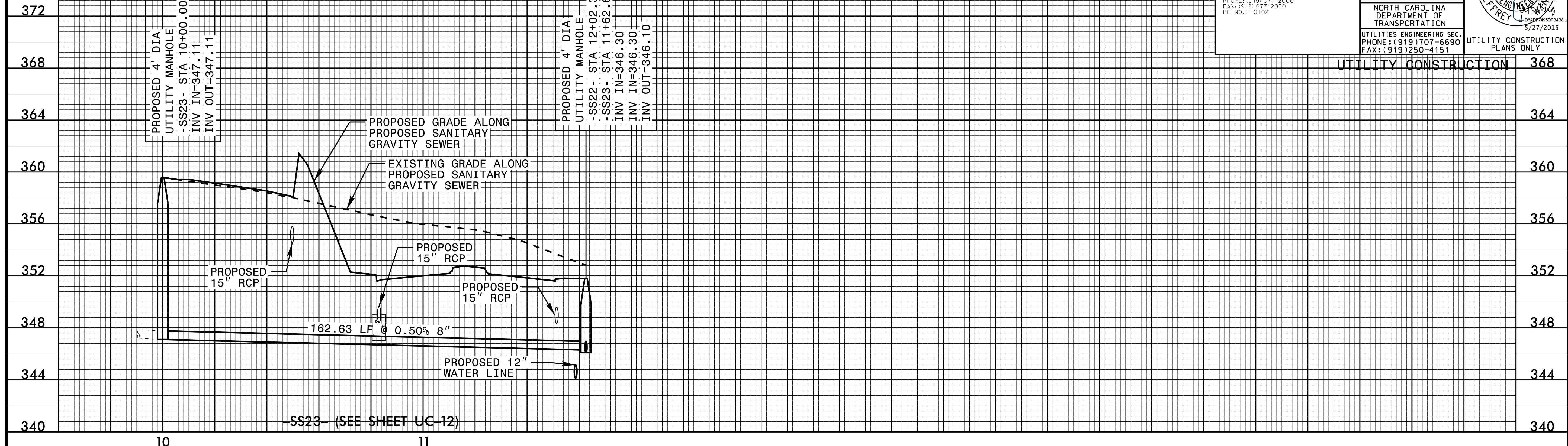


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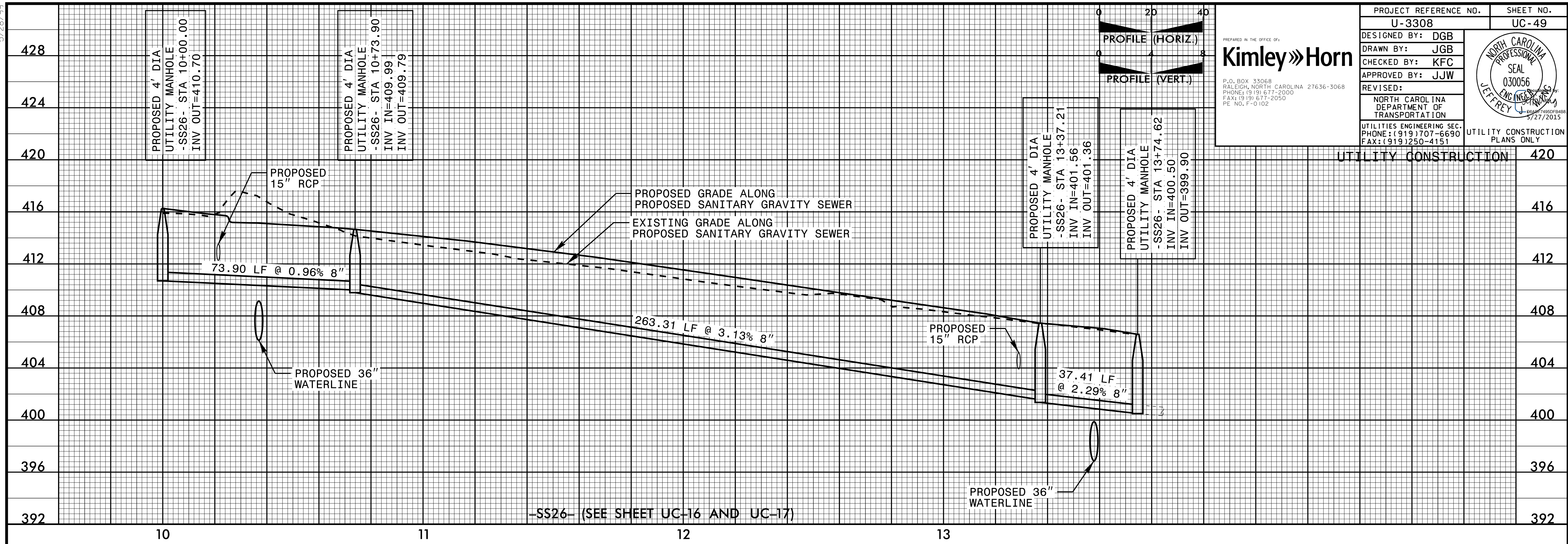


PROJECT REFERENCE NO. U-3308	SHEET NO. UC-48
DESIGNED BY: DGB	
DRAWN BY: JGB	
CHECKED BY: KFC	
APPROVED BY: JJW	REVISED:
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UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
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UTILITY CONSTRUCTION 420

PROJECT REFERENCE NO. U-3308	SHEET NO. UC-49
DESIGNED BY: DGB	
DRAWN BY: JGB	
CHECKED BY: KFC	
APPROVED BY: JJW	REVISED:
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
UTILITY CONSTRUCTION PLANS ONLY	

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PHONE: (919) 677-2000
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PE NO. P-0102

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