

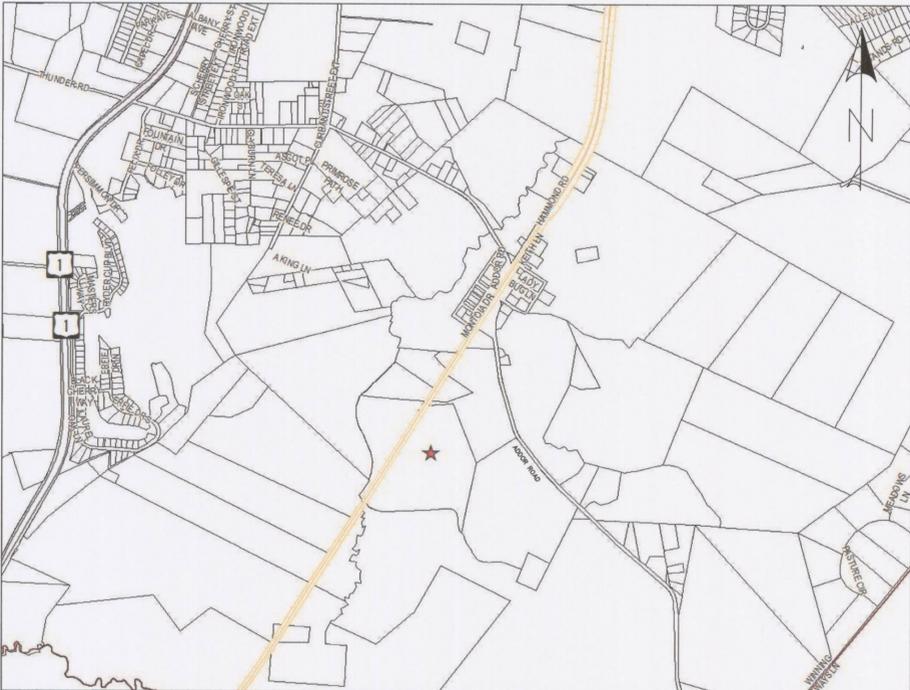
WPCP GRAVITY SEWER MAIN AND FLUME UPGRADE

ADDOR, NC

OCTOBER 2016



PROJECT AREA



VICINITY MAP

LEGEND	
G1	COVER
G2	GENERAL NOTES
C1	EXISTING CONDITIONS
C2	OVERALL LAYOUT
C3	SEWER MAIN PLAN AND PROFILE
C4	FLUME PLAN AND PROFILE
C5	CONSTRUCTION DETAILS



MOORE COUNTY PUBLIC WORKS

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5227 HWY 15-501
P.O. BOX 1927
CARTHAGE, NC 28327
(910) 947-6315

CALL BEFORE YOU DIG!
NC ONE CALL CENTER



811 or 1-800-632-4949
CALL THREE DAYS
BEFORE DIGGING



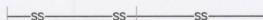
LEGEND



EXISTING MANHOLE



EXISTING WATERLINES



PROPOSED SANITARY SEWER



EXISTING SANITARY SEWER

GENERAL CONSTRUCTION NOTES

1. CONTRACTOR SHALL REPAIR ALL DISTURBED AREAS TO EQUAL OR BETTER CONDITION THAN THE ORIGINAL SITE, OR AS NOTED.
2. LOCATIONS OF EXISTING UTILITIES AS SHOWN ARE APPROXIMATE ONLY. EXACT LOCATIONS ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR. AFTER EXISTING BURIED UTILITIES HAVE BEEN LOCATED AND AT LEAST THREE DAYS PRIOR TO CONSTRUCTION, CONTRACTOR MUST NOTIFY MOORE COUNTY PUBLIC UTILITIES, (910)947-6315 AND CALL BEFORE YOU DIG, NORTH CAROLINA ONE CALL (1-800-632-4949).
3. CONTRACTOR MUST PROVIDE EROSION CONTROL DEVICES TO CONTROL RUNOFF FROM THE CONSTRUCTION SITE. CONTRACTOR WILL BE RESPONSIBLE FOR ANY FINES THAT MAY BE LEVIED DUE TO POLLUTION CREATED DURING CONSTRUCTION.
4. CONTRACTOR SHALL FOLLOW ALL FEDERAL, STATE, AND LOCAL REGULATIONS PERTAINING TO CONSTRUCTION OPERATIONS.
5. WATER AND SEWER LINES SHALL HAVE A MINIMUM 10' HORIZONTAL SEPARATION OR A MINIMUM 18' VERTICAL SEPARATION WITH THE WATER OVER SEWER, OR BOTH WATER AND SEWER LINES SHALL BE DUCTILE IRON PIPE 10' EITHER SIDE OF THE CROSSING.
6. SEWER LINES SHALL HAVE 3' MINIMUM COVER UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING ROADS OR RAILROADS DURING CONSTRUCTION AND SHALL REPAIR ROADS OR RAILROADS PER REQUIREMENTS OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION AND/OR CSX TRANSPORTATION INC. NO OPEN CUTS OF EXISTING ROADS SHALL BE ALLOWED EXCEPT WHERE INDICATED ON THE DRAWINGS OR WHERE SPECIFIC PERMISSION IS GRANTED BY THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION. SAND OR A SIMILAR MATERIAL APPROVED BY THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION SHALL BE PLACED AS A PROTECTIVE BARRIER BETWEEN TRACK EQUIPMENT AND THE ROAD AND CLEANED UP PROPERLY AFTER CONSTRUCTION.
8. ALL CONSTRUCTION ACTIVITIES SHALL OCCUR WITHIN TEMPORARY CONSTRUCTION EASEMENT GRANTED WITHIN THE EXISTING ROAD RIGHT-OF-WAY, RAILROAD RIGHT OF WAY, AND PROPERTY BOUNDARIES AS SHOWN ON THE PLANS.
9. MOORE COUNTY PUBLIC UTILITIES REQUIRES A MINIMUM OF FORTY-EIGHT (48) HOURS OF NOTICE WHEN REQUESTING AN ENGINEERING INSPECTION. INSPECTION REQUESTS MAY BE MADE BY CALLING THE MOORE COUNTY PUBLIC UTILITIES ENGINEERING DEPARTMENT AT (910)947-6315.
10. THE CONTRACTOR SHALL KEEP A CLEAN LEGIBLE COPY OF THE AUTHORIZATION TO CONSTRUCT AND 1 SET OF RECORD DRAWINGS ON SITE AT ALL TIMES. RECORD DRAWINGS SHALL BE CHECKED WEEKLY.
11. ALL CONSTRUCTION METHODS AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MOORE COUNTY PUBLIC UTILITIES, NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (NCDOT), AND CSX TRANSPORTATION INC. STANDARDS AND SPECIFICATIONS. IN THE EVENT OF A CONFLICT BETWEEN STANDARDS, THE MORE STRINGENT SHALL GOVERN.
12. ALL SOIL EROSION CONTROL MEASURES SHALL BE PERFORMED PRIOR TO GRADING, CLEARING, OR GRUBBING. ALL EROSION CONTROL DEVICES SUCH AS SILT FENCES, ETC., SHALL BE MAINTAINED IN WORKABLE CONDITION FOR THE LIFE OF THE PROJECT AND SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT ONLY ON THE ENGINEER'S APPROVAL. DURING THE LIFE OF THE PROJECT, IF A STORM CAUSES SOIL EROSION WHICH CHANGES FINISH GRADES OR CREATES "GULLIES" AND "WASHED AREAS", THESE SHALL BE REPAIRED AT NO EXTRA COST AND ALL SILT WASHED OFF OF THE PROJECT SITE ONTO ADJACENT PROPERTY SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AT NO EXTRA COST.
13. CLEARING AND GRUBBING WASTES SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF BY THE CONTRACTOR AT OWN EXPENSE.
14. IN THE EVENT EXCESSIVE GROUNDWATER OR SPRINGS ARE ENCOUNTERED WITHIN THE LIMITS OF CONSTRUCTION, THE CONTRACTOR SHALL INSTALL NECESSARY UNDER DRAINS AND STONE AS DIRECTED BY THE ENGINEER.
15. ALL AREAS WHERE THERE IS EXPOSED DIRT IT SHALL BE SEEDED, FERTILIZED, AND MULCHED ACCORDING TO THE SPECIFICATIONS. THE FINISHED SURFACE SHALL BE TO GRADE AND SMOOTH, FREE OF ALL ROCKS LARGER THAN 3", EQUIPMENT TRACKS, DIRT CLOUDS, BUMPS, RIDGES AND GOUGES PRIOR TO SEEDING. THE SURFACE SHALL BE LOOSENESED TO A DEPTH OF ±4"-6" TO ACCEPT SEED. THE CONTRACTOR SHALL NOT PROCEED WITH SEEDING OPERATIONS WITHOUT FIRST OBTAINING THE ENGINEERS APPROVAL OF THE GRADED SURFACE. ALL SEEDING SHALL BE PERFORMED BY A MECHANICAL "HYDRO-SEEDER". HAND SEEDING SHALL BE AUTHORIZED ON AN AREA BY AREA APPROVAL BY THE ENGINEER.
16. CONTRACTOR SHALL KEEP ALL EXISTING SEWER LINES IN SERVICE DURING CONSTRUCTION UNLESS PRIOR APPROVAL IS OBTAINED FROM COUNTY ENGINEER (910)947-6315.
17. CONTRACTOR SHALL DEMOLISH ALL STRUCTURES AS NEEDED AND STORE IN A LOCATION AT THE WPCP AS DESIGNATED BY MOORE COUNTY. MOORE COUNTY WILL BE RESPONSIBLE FOR DISPOSAL.

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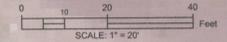
DATE: OCT. 2016
 DESIGNED BY: LM III
 CADD BY: MHS

GENERAL NOTES

NO.	DATE	BY	REVISIONS
			DESCRIPTION

SHEET

G2



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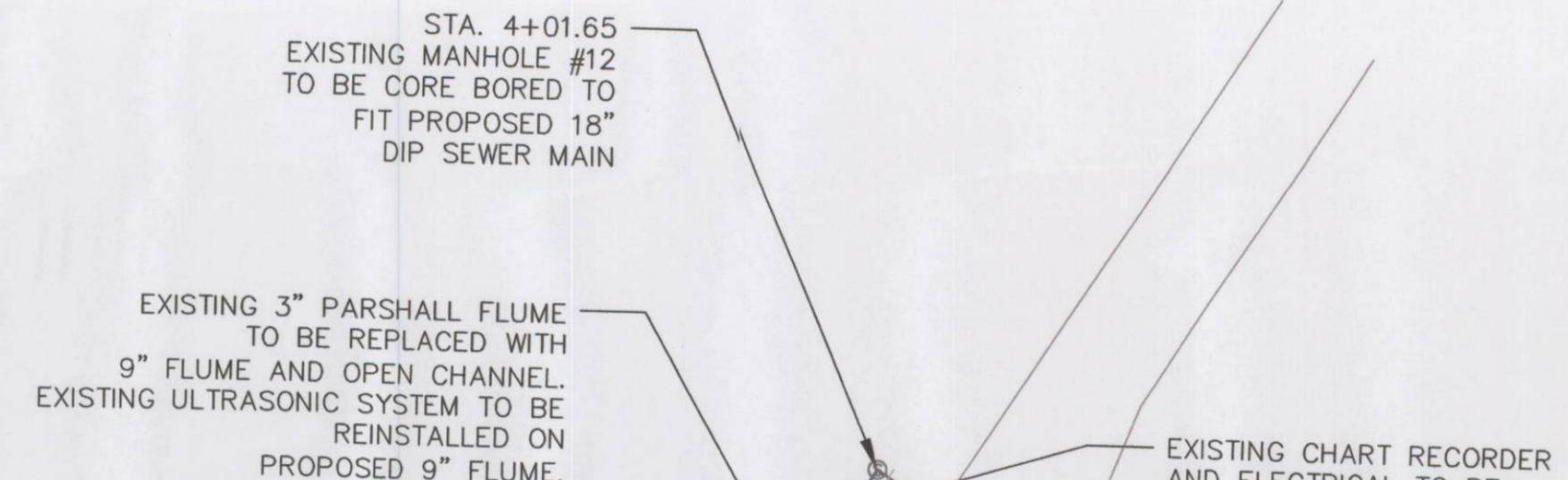
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EXISTING CONDITIONS

NO.	DATE	BY	REVISIONS	DESCRIPTION

SHEET

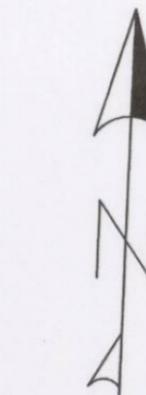
C1



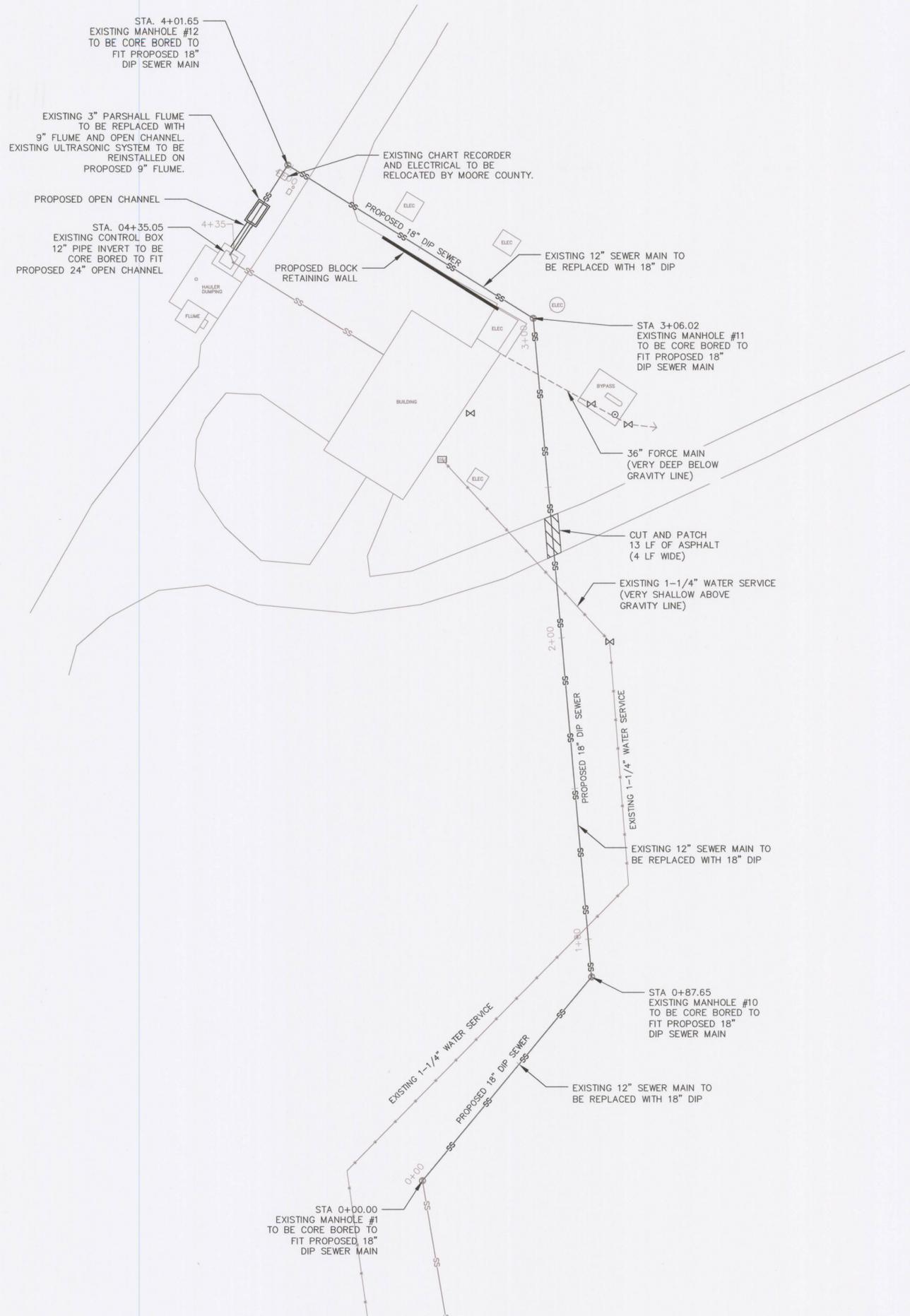
STA. 4+01.65
EXISTING MANHOLE #12
TO BE CORE BORED TO
FIT PROPOSED 18"
DIP SEWER MAIN

EXISTING 3" PARSHALL FLUME
TO BE REPLACED WITH
9" FLUME AND OPEN CHANNEL.
EXISTING ULTRASONIC SYSTEM TO BE
REINSTALLED ON
PROPOSED 9" FLUME.

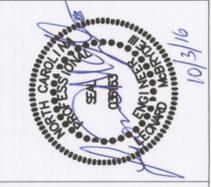
EXISTING CHART RECORDER
AND ELECTRICAL TO BE



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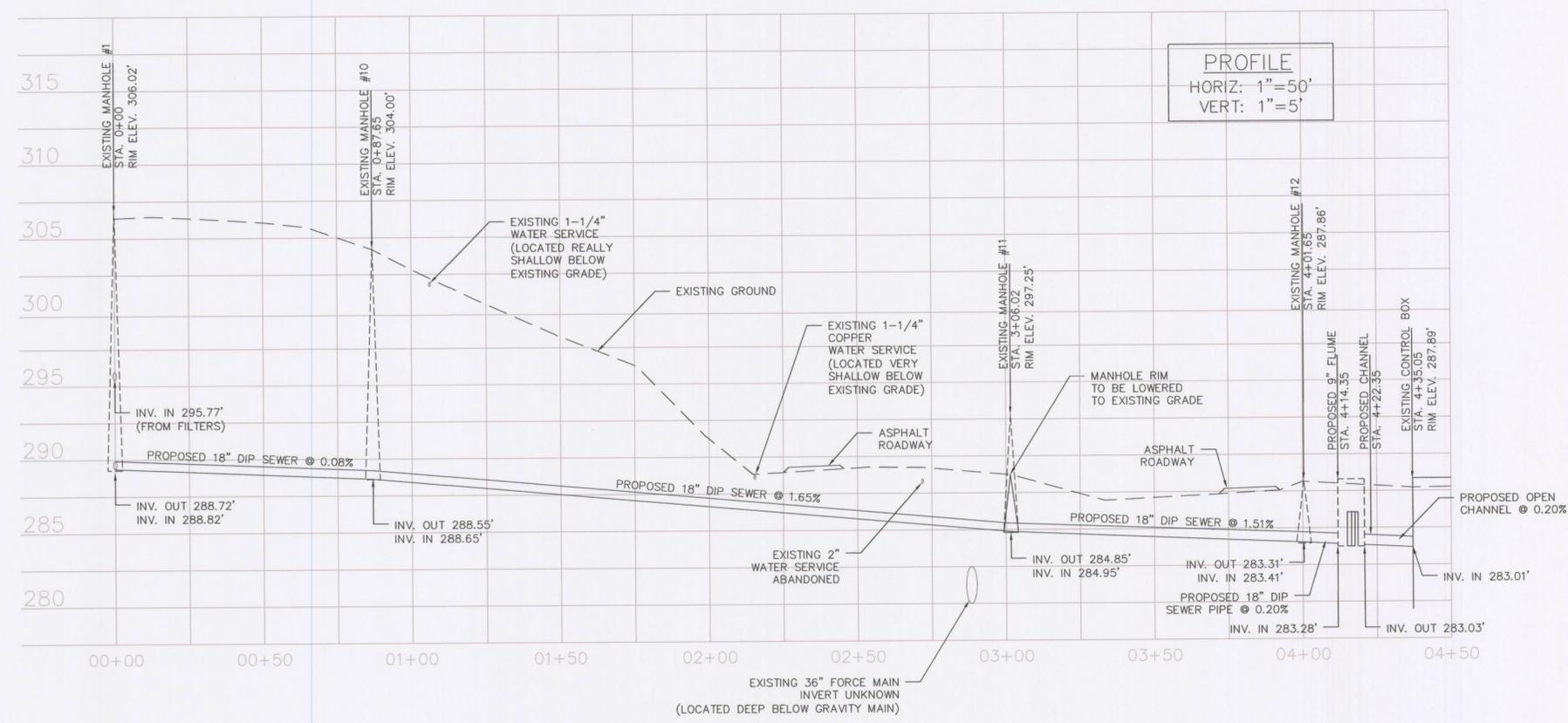
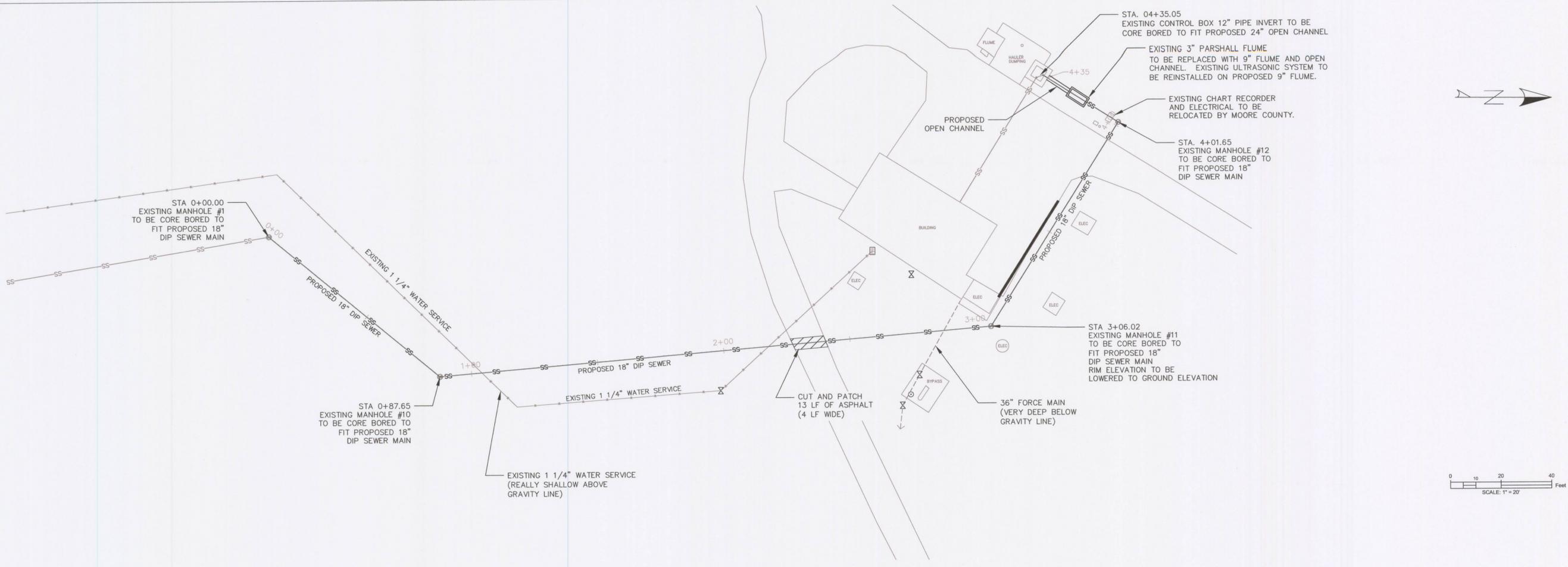
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 ADDR, NC**

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OVERALL LAYOUT

REVISIONS	
NO.	DESCRIPTION

SHEET
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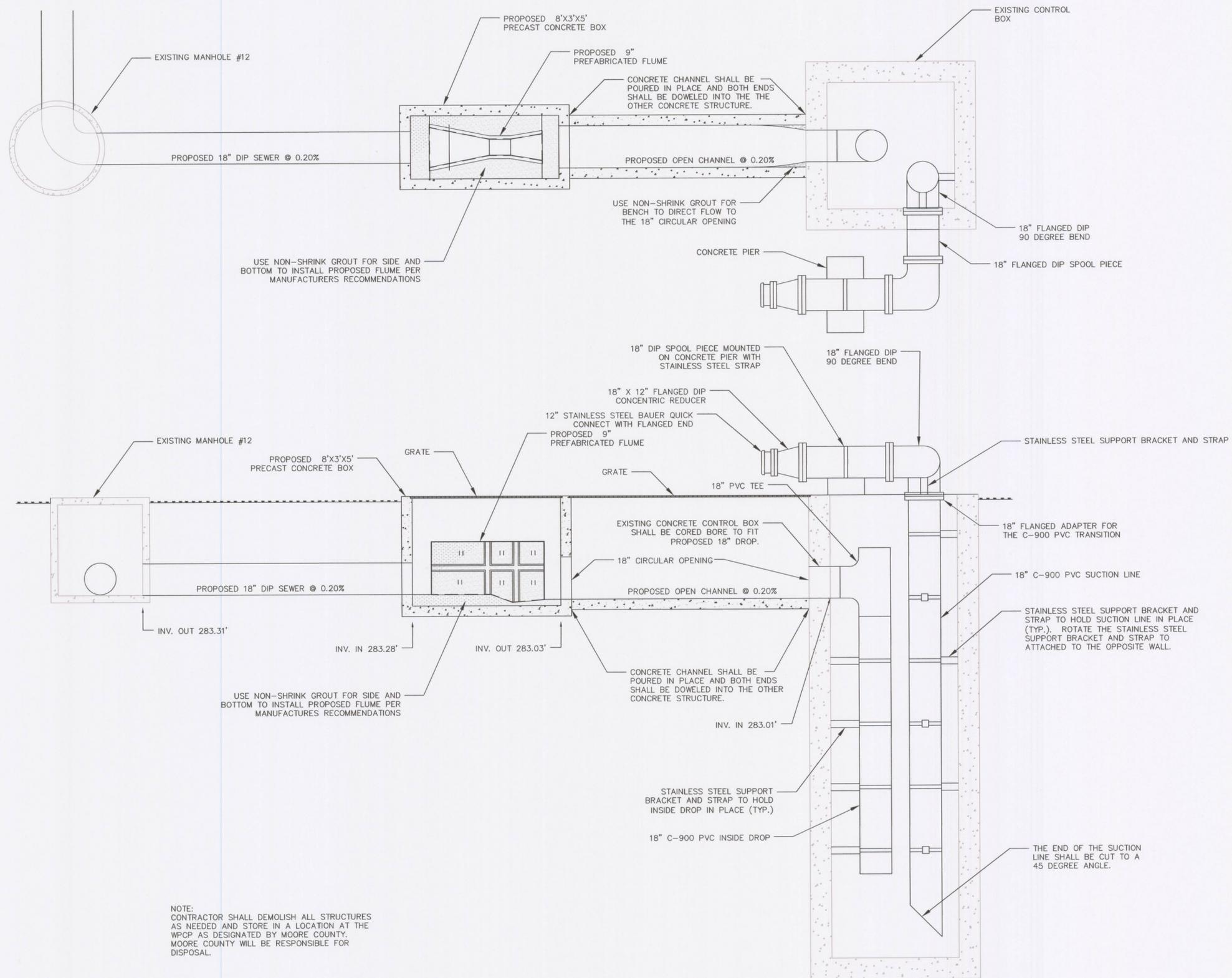


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SEWER MAIN PLAN & PROFILE	
NO.	REVISIONS DESCRIPTION

SHEET
C3



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 AS NEEDED AND STORE IN A LOCATION AT THE
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FLUME PLAN AND PROFILE		REVISIONS	DESCRIPTION
NO.	DATE	BY	DESCRIPTION

