

CHANGE ORDER NO. 1

DATE: July 28, 2026
OWNER: Boone County Regional Sewer District
CONTRACTOR: SSSC, Inc.
ENGINEER: Cochran
SUBJECT: Change Order No. 1
 Sanitary Sewer Extension at Highfield Acres WWTF
 Cochran Project No. LOR15-062

ITEM:

1. Per discussions and request the below changes are being made to the contract work:
 - a. Main #1 alignment and elevation revisions per the attached plans. Revisions made due to main potholing.
 - b. Main #2 alignment and elevation revisions per the attached plans. Revisions made due to main potholing.

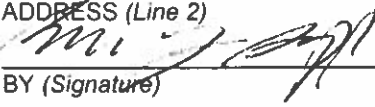
These changes in services will have not cost change to the project.

Original Contract Amount:	\$ 453,000.00
Contract Amount Prior to Change Order No. 1	\$ 453,000.00
Net Addition to Contract:	\$ 0.00
New Contract Amount:	\$ 453,000.00

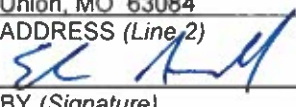
Boone County Regional Sewer District
OWNER (Firm Name)
 1314 N. 7th Street
 ADDRESS (Line 1)
 Columbia, MO 65201
 ADDRESS (Line 2)

 BY (Signature)
 Daniel Cunningham
 (Typed Name)

 DATE

SSSC, Inc.
CONTRACTOR (Firm Name)
 Ashland, MO 65010
 ADDRESS (Line 1)
 7380 E. Angel Lane
 ADDRESS (Line 2)

 BY (Signature)
 Shelby Sapp
 (Typed Name)
 7/29/26

 DATE

Cochran
ENGINEER (Firm Name)
 530A East Independence Drive
 ADDRESS (Line 1)
 Union, MO 63084
 ADDRESS (Line 2)

 BY (Signature)
 Erik Howell, P.E.
 (Typed Name)
 7/29/26

 DATE

Attachments: Highfield_Line_Adjustments_7_10_2026

END CHANGE ORDER NO. 1

UTILITY PLAN NOTES

- The sitework on this project shall meet or exceed the City of Columbia standards and specifications.
- North was derived from plats provided by the State of Missouri in Boone County.
- Project Benchmark: Is a Redhad nail West of Easter Lane. Elevation = 839.15
- This property is within Zone "X", "Areas of minimal flooding" per Flood Insurance Rate Map 29019C0305E Community Panel No. 305 of 0470, effective date April 19, 2017.
- In accordance with generally accepted construction practices, the Contractor will be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This requirement will apply continuously and not be limited to normal working hours. Contractor will be responsible for providing and maintaining all barricades, warning signs, flashing lights and traffic control devices during construction. Contractor to comply with all OSHA regulation requirements and safety meeting requirement.
- Underground structures, facilities and utilities have been plotted from available surveys and records. Therefore, their locations must be considered approximate only. There may be others, the existence of which is presently not known.
- No investigation has been performed by Cochran regarding hazardous waste, underground conditions or utilities affecting the tract shown hereon.
- Contractor to contact telephone, electric, gas, water and cable companies to have underground utilities located on this site and adjacent to this site prior to doing any excavating.
- The Contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies and, where possible, measurements taken in the field. The information is not to be relied on as being exact or complete. The Contractor must call the appropriate utility company to request exact field location of utilities. It shall be the responsibility of the Contractor to relocate all existing utilities, which conflict with the new improvements shown on plans.
- All survey monuments disturbed during construction shall be replaced by a licensed land surveyor licensed in the state in which this project is located at the Contractor's expense.
- Contractor shall coordinate adjustments to existing utilities with appropriate utility company as work progresses.
- Contractor shall coordinate the scheduling and location of the demolition and installation of all utilities, including stakeout, conduit required, trenching required, etc. Contractor shall contact each utility provider with at least 30 days advance notice of any work to be done.
- Contractor shall provide a minimum of 18" of clearance between sanitary sewer and waterlines and a minimum of 18" of clearance between storm sewers and waterlines. This may mean that lowering of waterlines may be necessary.
- Contractor shall submit shop drawings for sanitary sewer, water main, and storm sewer structures to Cochran for review and approval prior to fabrication of any structures.
- Storm and sanitary sewer plan information depicts pipe lengths and grades calculated from the center of all structures.
- All trenching, pipe laying, and backfilling shall be in accordance with Federal OSHA Regulations.
- Utility Contractor shall have approval of all governing agencies having jurisdiction over this system prior to installation.
- All necessary inspections, testing, and/or certifications required by codes, the County, and/or utility service companies shall be performed prior to announced building possession and the final connection of services.
- Contractor is encouraged to visit the site prior to submitting their bid for this project.
- Contractor shall saw cut all curb and gutter sections, concrete medians and along pavement where required for utility trenching. Contractor shall maintain traffic flow and provide traffic control throughout construction.
- All existing structures unless otherwise noted to remain, (i.e. fencing, trees, concrete, asphalt pavement, utilities, etc.) within the construction area shall be removed and disposed off-site in a manner meeting local and state regulations. Any burning on site shall be subject to local and state ordinances and the Owner's Specifications.
- If any existing structures to remain are damaged during construction it shall be the Contractor's responsibility to repair and/or replace the existing structure as necessary to return it to existing conditions or better.
- It shall be the contractor's responsibility to keep all mud and silt on site and off of streets.

CAUTION:
SUPERVISION REQUIRED WHEN EXCAVATING WITHIN GAS MAIN
EASEMENT. CONTACT MAGELLAN PIPELINE CO. AT 573-819-6143

NOTE:
TOP OF MANHOLE TO BE 2" ABOVE FINISHED GRADE. CONTRACTOR
SHALL ENSURE POSITIVE DRAINAGE AWAY FROM TOP OF MANHOLE.

NOTE:
CONTRACTOR SHALL MAINTAIN STABILITY OF UTILITY POLES DURING
SEWER MAIN CONSTRUCTION. DAMAGE TO UTILITY POLES, CABLES,
AND GUY WIRES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

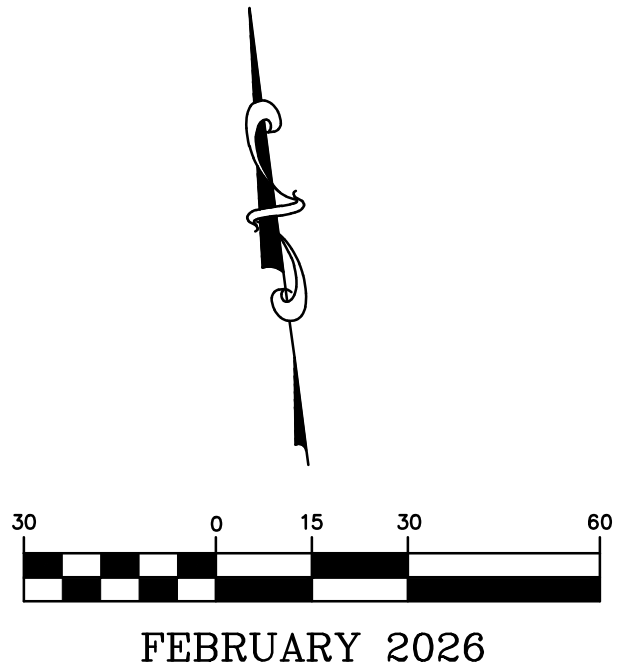
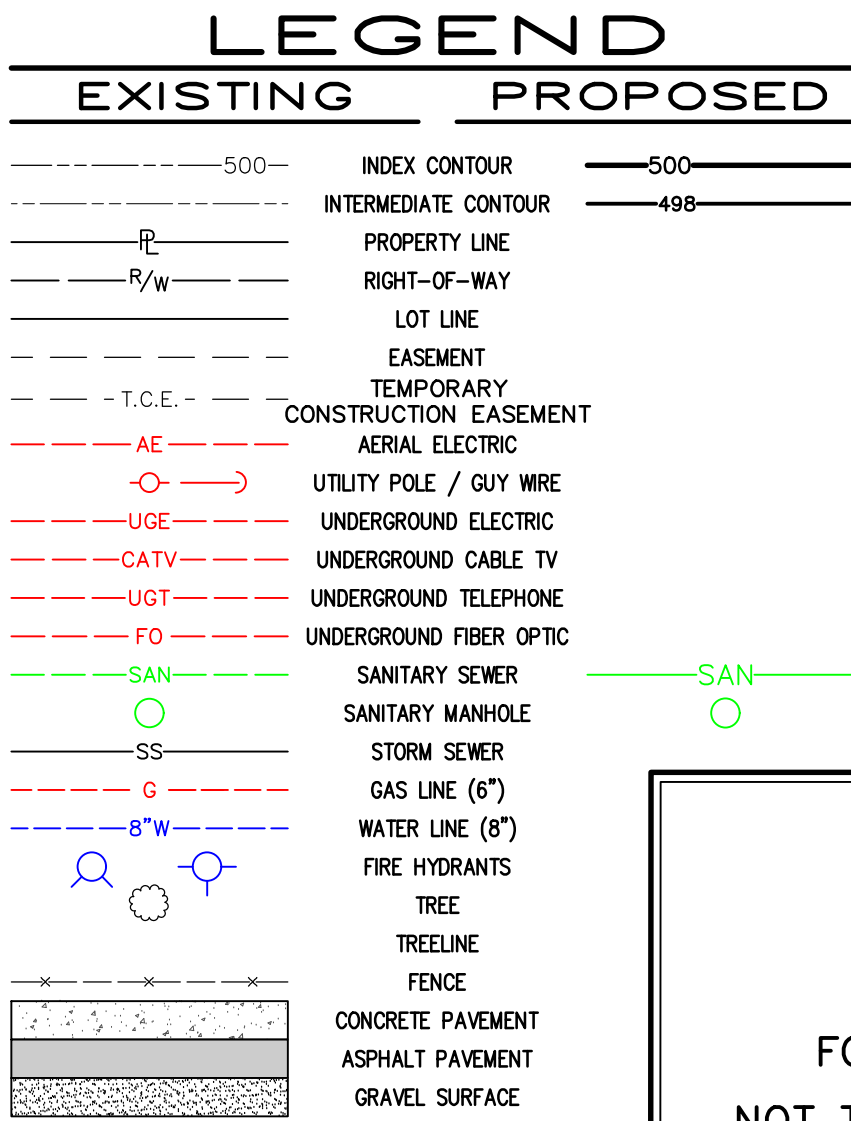
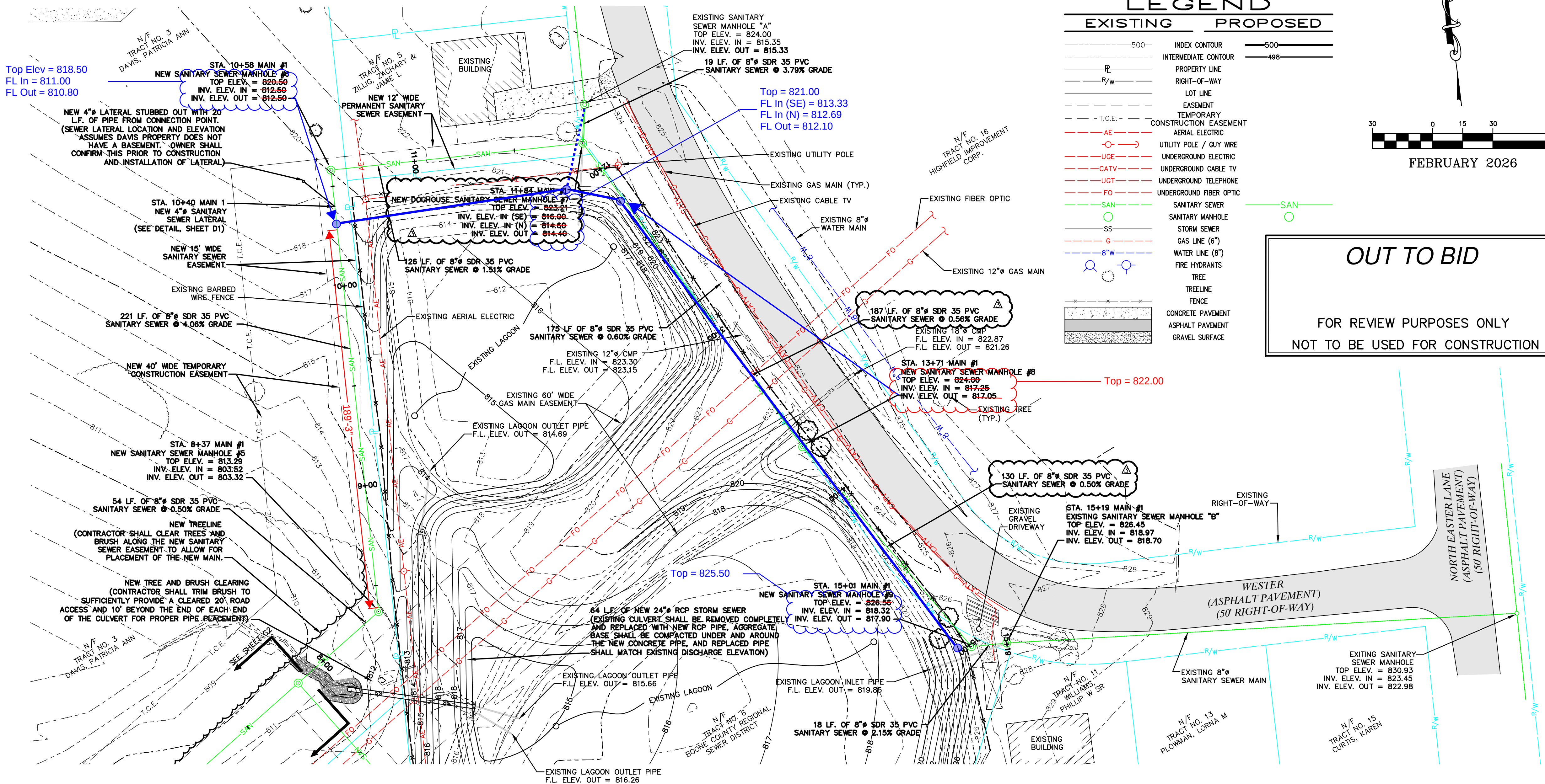
NOTE:
ALL DISTURBED AREAS SHALL BE COMPLETELY RESTORED, SEEDED,
AND STRAWED AT AN APPROPRIATE TIME, PROMPTLY AFTER
CONSTRUCTION.

NOTE:
ALL DROP MANHOLES SHALL BE OUTSIDE DROPS
PER THE DETAIL, SHEET D1.

NOTE:
ALL SEWER MAIN SHALL BE LAID FROM
DOWNSTREAM TO UPSTREAM WITH BELLS FACING
UPSTREAM AND SPIGOT ENDS FACING
DOWNSTREAM.

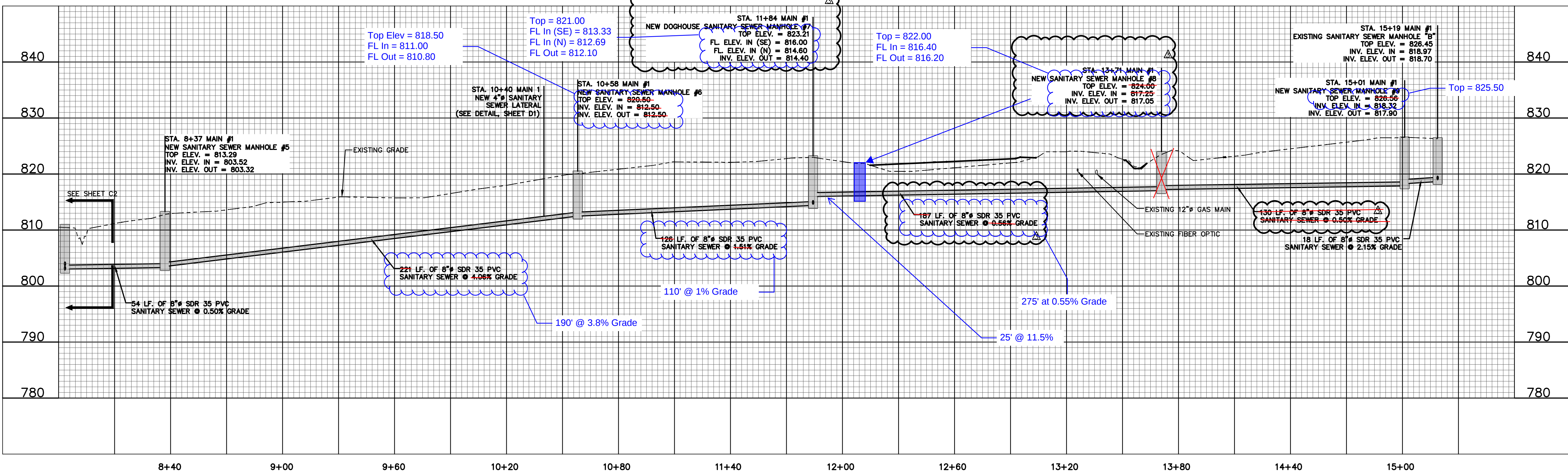
NOTE:
CONTRACTOR SHALL POTHOLE CONNECTION POINTS
AS WELL AS ALL UTILITY CROSSING POINTS PRIOR
TO BEGINNING ANY SANITARY SEWER INSTALLATION
OR ORDERING OF MATERIALS. FAILURE TO
CONFIRM EXISTING UTILITY ELEVATIONS PRIOR TO
BEGINNING WORK THAT RESULT IN CHANGES TO
STRUCTURES OR ELEVATIONS THAT INCUR A COST
OR DELAY SHALL BE AT THE CONTRACTORS
EXPENSE.

SANITARY SEWER MAIN #1 STA. 8+10 - STA. 15+19



OUT TO BID

FOR REVIEW PURPOSES ONLY
NOT TO BE USED FOR CONSTRUCTION



573-525-0299 (tel.)
573-525-0298 (fax)
573-525-0298 (cell)
573-525-0298 (email)
573-525-0298 (website)

COCHRAN
905 Executive Drive
O'Fallon, MO 63366
Missouri State Certificate
of Authority Number:
Engineering - 2013005887

William R. Johannings
Professional Engineer

Two working days prior to
the start of any excavation
call 1-800-468-4687 for utility
location information.
All OSHA rules & regulations
& safety requirements must be
strictly followed by these
plans and be strictly followed
(i.e. trenching, blasting, etc.)

STATE OF MISSOURI
William R. Johannings
Professional Engineer
NUMBER
PE-2021000272
4/9/2026
William R. Johannings, P.E.
MO-PE-2021000272

SANITARY SEWER EXTENSION
HIGHFIELD ACRES
BOONE COUNTY, MISSOURI

SANITARY SEWER MAIN #1 STA. 8+10 - STA. 15+19
DATE: 02/09/26
BY: ADK
CHECKED: WRJ
APPROVED: WRJ
DATE: 03/05/26
FEB. 2026
HORIZ. SCALE: 1"=30'
VERT. SCALE: 1"=10'
PROJECT NO.: LOR15-062
DWG. NO.: C3

DWG NAME: Y:\LOR15-062 Highfield Acres\CAD\Plan Sheets\SANITARY SEWER P&P\Main 2 - New Sanitary Sewer Main 2 - C4.dwg
 PLOTTED BY: rjohanning
 PLOTTED ON: Mar 05, 2026
 TAB: C4
 LAYOUT: C4

1. The work on this project shall meet or exceed the City of Columbia standards and specifications.
2. North was derived from plots provided by the State of Missouri in Boone County.
3. Project Benchmark: A Redhead nail West of Easter Lane. Elevation = 839.15.
4. This property is within Zone "X", "Areas of minimal flooding" per Flood Insurance Rate Map 29019C0305E Community Panel No. 305 of 0470, effective date April 19, 2017.
5. In accordance with generally accepted construction practices, the Contractor will be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This responsibility will apply continuously and not be limited to normal working hours. The Contractor will be responsible for providing and maintaining all barricades, warning signs, flashing lights and traffic control devices during construction. Contractor to comply with all OSHA regulation requirements and safety meeting requirement.
6. Underground structures, facilities and utilities have been plotted from available survey data. There may be other utilities at this location that are not considered approximate only. There may be others, the existence of which is presently not known.
7. No investigation has been performed by Cochran regarding hazardous waste, underground conditions or utilities affecting the tract shown hereon.
8. Contractor to contact telephone, electric, gas, water and cable companies to have underground utilities located on this site and adjacent to this site prior to doing any excavating.
9. The Contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies and is not guaranteed. Measurements taken in the field, however, may not be relied on as being exact or complete. The Contractor must call the appropriate utility company to request exact field location of utilities. It shall be the responsibility of the Contractor to relocate all existing utilities, which conflict with the new improvements shown on plans.
10. All survey monuments disturbed during construction shall be replaced by a licensed land surveyor licensed in the state in which this project is located at the Contractor's expense.
11. Contractor shall coordinate adjustments to existing utilities with appropriate utility company as work progresses.
12. Contractor shall coordinate the scheduling and location of the demolition and installation of all utilities, including stockpile, conduit required, trenching required, etc. Contractor shall contact each utility provider with at least 30 days advance notice of any work to be done.
13. Contractor shall provide a minimum of 18" of clearance between sanitary sewer and waterlines and a minimum of 18" of clearance between storm sewers and waterlines. This may mean that lowering of waterlines may be necessary.
14. Contractor shall submit shop drawings for sanitary sewer, water main, and storm sewer structures to Cochran for review and approval prior to fabrication of any structures.
15. Storm and sanitary sewer plan information depicts pipe lengths and grades calculated from the center of all structures.
16. All trenching, pipe laying, and backfilling shall be in accordance with Federal OSHA Regulations.
17. Utility Contractor shall have approval of all governing agencies having jurisdiction over this system prior to installation.
18. All necessary inspections, testing, and/or certifications required by codes, the County, and/or utility service companies shall be performed prior to announced bidding possession and the final completion of services.
19. Contractor is encouraged to visit the site prior to submitting their bid for this project.
20. Contractor shall saw cut all curb and gutter sections, concrete medians and along pavement where required for utility trenching. Contractor shall maintain traffic flow and provide traffic control throughout construction.
21. All existing structures otherwise noted to remain, (i.e. fencing, trees, monuments, etc.) powers of utilities within the construction area shall be removed and disposed off-site in a manner meeting local and state regulations. Any burning on site shall be subject to local and state ordinances and the Owner's Specifications.
22. If any existing structures to remain are damaged during construction it shall be the Contractor's responsibility to repair and/or replace the existing structure as necessary to return it to existing conditions or better.
23. It shall be the contractor's responsibility to keep all mud and silt on site and off of streets.

Top = 821.00
FL In = 813.50
FL Out = 813.30

Approximate 85 degree deflection angle

Top = 824.00
FL In = 815.31 (Calculated)
FL Out = 815.00

Approximately 85 degree deflection angle

NEW DOGHOUSE SANITARY SEWER MANHOLE #3
STA. 3+16 MAIN #2
TOP ELEV. = 825.00
EX. INV. ELEV. IN = 816.36
INV. ELEV. OUT = 817.24

EXISTING SANITARY SEWER MANHOLE
TOP ELEV. = 824.15
INV. ELEV. IN = 817.38
INV. ELEV. OUT = 817.30
(TO BE ABANDONED)

EXISTING LAGOON INLET PIPE
F.L. ELEV. OUT = 818.17

90 LF. OF 8" SDR 35 PVC
SANITARY SEWER @ 4.02% GRADE

151' LF. OF 8" SDR 35 PVC
SANITARY SEWER @ 1.61% GRADE

NEW 5" SANITARY SEWER MAIN
(SEE SHEET C2 & C3)
STA. 0+00 MAIN #2 = STA. 7+63 MAIN #1
N° SANITARY SEWER MANHOLE #4
TOP ELEV. = 810.96
INV. ELEV. IN (NE) = 803.05
INV. ELEV. IN (SE) = 803.63
INV. ELEV. OUT = 802.85

NEW TREELINE
(CONTRACTOR SHALL CLEAR TREES AND BRUSH ALONG THE NEW SANITARY SEWER EASEMENT TO ALLOW FOR PLACEMENT OF THE NEW MAIN.)

75 LF. OF 8" SDR 35 PVC
SANITARY SEWER @ 0.81% GRADE

NEW 20' WIDE SANITARY SEWER EASEMENT

STA. 0+75 MAIN #2
NEW DROP SANITARY SEWER MANHOLE #10
TOP ELEV. = 815.40
INV. ELEV. IN = 811.00
INV. ELEV. OUT = 804.01

NEW TREELINE
(CONTRACTOR SHALL CLEAR TREES AND BRUSH ALONG THE NEW SANITARY SEWER EASEMENT TO ALLOW FOR PLACEMENT OF THE NEW MAIN.)

NEW 15' WIDE SANITARY SEWER EASEMENT

EXISTING UTILITY POLE (TYP.)

STA. 1+65 MAIN #2
NEW SANITARY SEWER MANHOLE #11
TOP ELEV. = 821.75
INV. ELEV. IN = 814.81
INV. ELEV. OUT = 814.81

20' WIDE TEMPORARY EASEMENT

EXISTING CABLE TV

EXISTING UTILITY POLE

EXISTING BUILDING

EXISTING 8" SANITARY SEWER MAIN

EXISTING SANITARY SEWER MANHOLE
TOP ELEV. = 836.95
INV. ELEV. IN = 823.87
INV. ELEV. OUT = 823.87

Pothole indicates this location has flow line 1.93' lower than Flowline of Existing SS Manhole

EXISTING FENCE

EXISTING PROPERTY LINE

EXISTING RIGHT-OF-WAY

TRACT NO. 3
DAVIS, PATRICIA ANN

TRACT NO. 6
BOONE COUNTY REGIONAL SEWER DISTRICT

TRACT NO. 7
MERRIFIELD, DAVID

TRACT NO. 8
BUTCHER & KAREN

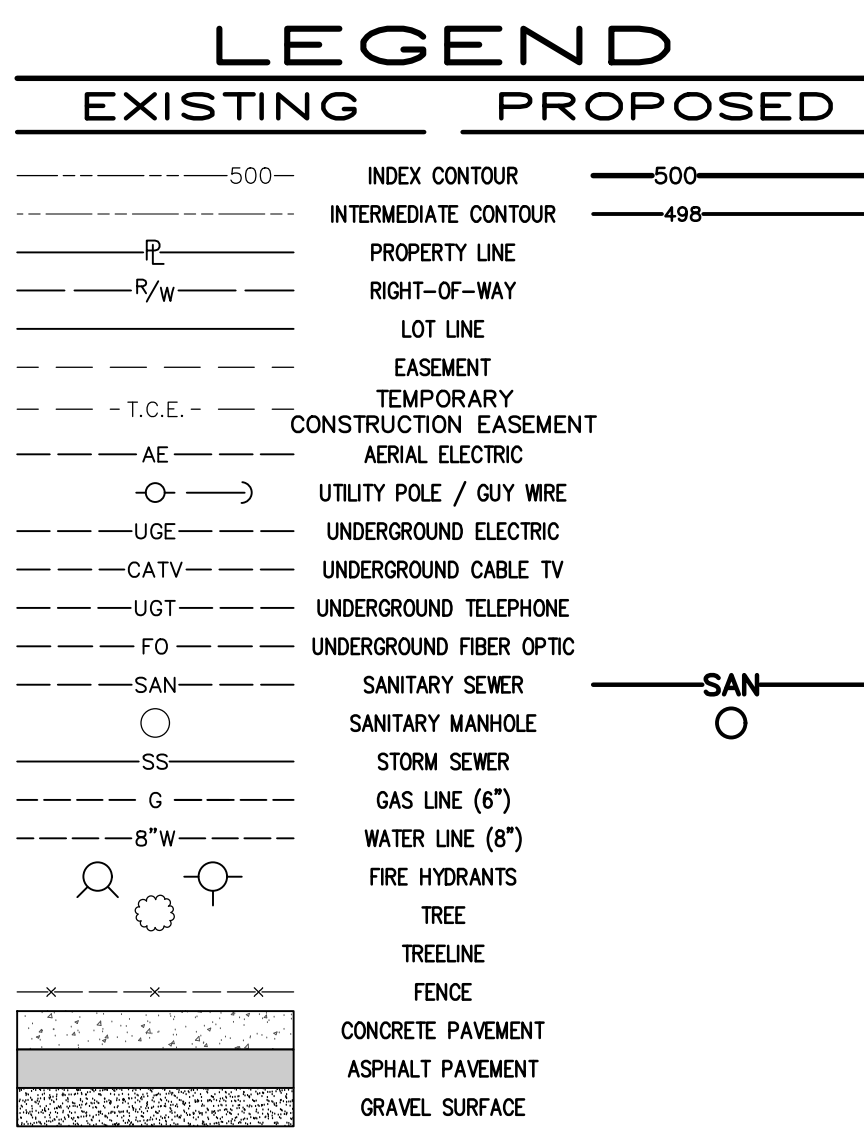
TRACT NO. 9
ANDERSON, MARY P.

TRACT NO. 10
RENTAL SOLUTION LLC

TRACT NO. 11
WILLIAMS, PHILLIP W SR

TRACT NO. 12
ADAM PROPERTIES LLC

QUAKER CIRCLE
(ASPHALT PAVEMENT)
(50' RIGHT-OF-WAY)



SNAILTARY SEWER MAIN #2 STA. 0+00 - STA. 3+16

**SANITARY SEWER EXTENSION
HIGHFIELD ACRES
BOONE COUNTY, MISSOURI**



Missouri State Certificate
of Authority Number:
Engineering : 201300588

The working drawings for this project shall be on the start of construction. The contractor shall be responsible for obtaining all necessary permits and approvals from the local jurisdiction for this project.

All OSHA rules & regulations shall be strictly followed during the construction of this project. The contractor shall be responsible for obtaining all necessary permits and approvals from the local jurisdiction for this project.

573-525-0289 (tel.)
573-525-0289 (fax)
mail@ochroan.com
OCHROAN, Inc.
One Executive Plaza
O'Fallon, Illinois 62456

- Civil Engineering
- Land Surveying
- Architecture
- Site Development
- General Consulting



William R. Johanning, P.
MO-PE#2021000272

C4