### LEGEND: 135TH STREET ACCESS EASEMENT BACK OF CURB BACK TO BACK BM BL or B.L. BENCHMARK BUILDING LINE CO TJB CLEANOUT TELEPHONE JUNCTION BOX C&G CURB AND GUTTER D/E E/E EL FL G/E DRAINAGE EASEMEN PROJECT SE1/4 FLOW LINE GAS LINE EASEMENT HDPE L/E HIGH-DENSITY POLYETHYLENE LANDSCAPE EASEMENT 143RD STREET MINIMUM SERVICEABLE FLOOR ELEVATION MSFE PVC POLYVINYL CHLORIDE DRODERTY LINE LOCATION MAP P/L PUB/E RCP ROW or R/W PROPERTY LINE PUBLIC EASEMENT REINFORCED CONCRETE PIPE RIGHT-OF-WAY SANITARY SEWER EASEMENT SERVICELINE UTILITY COMPANIES TOP ELEVATION UTILITY EASEMENT WATER SURFACE ELEVATION ATMOS ENERGY CAMERON PARKS 25090 W. 110TH TERRACE OLATHE, KANSAS 66061 (913) 254-6344 WATERLINE EASEMENT ASPHALT PAVEMENT - EXISTING ASPHALT PAVEMENT - PROPOSED CONCRETE PAVEMENT - EXISTING 9444 NALL AVENUE OVERLAND PARK, KANSAS 66207 913-383-4929 ca4089@att.com ASPHALT PAVEMENT - EXISTING CONCRETE SIDEWALK - PROPOSED CONSOLIDATED COMMUNICATIONS TOM REAVES 9669 LACKMAN ROAD LENEXA, KANSAS 66215 913-322-9631 tom.reaves@surewest.com CURB & GUTTER TREELINE EXISTING LOT AND R/W LINES COMCAST MELISSA WITHAR MELISSA\_WITHAR@CABLE.COMCAST.COM DESIGN/ENGINEERING MANAGER EXISTING PLAT LINES SANITARY SEWER MAIN SANITARY SEWER MAIN STORM SEWER 3400 NW DUNCAN ROAD BLUE SPRINGS, MO 64015 (816) 795-8377 (816) 795-2242 (FAX)

STORM SEWER - EXISTING

FIRER OPTIC CARLE - EXISTING TELEPHONE LINE - EXISTING
TELEPHONE LINE - EXIST.
ELECTRIC LINE - EXISTING
OVERHEAD POWER LINE - EXIST.
UNDERGROUND ELECTRIC - EX.

EXISTING SANITARY MANHOLE

CABLE TV - EXISTING

GAS LINE - EXISTING WATERLINE - EXISTING LIGHT - EXISTING

EXISTING MANHOLE CLEANOUT

EXISTING AREA INLET EXISTING CLIPB INLET EXISTING CORB INLET
EXISTING GRATE INLET
EXISTING JUNCTION BOX
EXISTING STORM MANHOLE GOOGLE FIBER
JERRY BOCK
908 BROADWAY BOULEVARD
KANSAS CITY, MISSOURI 84105
913-809-3847
jebock@google.com EVERGY GWEN CORCHES 16215 WEST 108TH STREET LENEXA, KS 66219

(913) 894-3075 SPECTRUM STEVE BAXTER 8221 WEST 119TH STREET OVERLAND PARK, KS 66212 (913) 451-5858

CITY OF OLATHE 1385 S ROBINSON OLATHE KS, 66061 (913) 971-9311

1,800 DIG SAFE

# SANITARY SEWER MAIN EXTENSION PLANS 143RD STREET & ANDREWS AVE.

C.P.N.

# IN THE CITY OF OLATHE JOHSON COUNTY, KANSAS

# **OLATHE SANITARY SEWER NOTES:**

- Development plans are approved initially for one (1) year, after which they automatically become void and must be updated and re-approved by the City Engineer before any construction will be permitted.
- 2. The City of Olathe plan review is only for general conformance with City of Olathe Design Criteria and the City Code. City is not responsible for the accuracy and adequacy of the design, or dimensions and elevations. City of Olathe through approval of this document assumes no responsibility other than as stated above for the completeness and/or accuracy of this document.
- Contractor shall have one (1) signed copy of the plans (approved by the city of Olathe) with a State approval stamp on the title sheet and one (1) copy of the appropriate Technical Specifications and Design Criteria for Public Improvement Projects at the job site at all times.
- 4. Construction of the improvements shown or implied by this set of drawings shall not be initiated or any part thereof undertaken until the City Engineer is notified of such intent and all required and properly executed bonds and contract agreements are received and approved by the City Engineer.
- 5. The City of Olathe Technical Specifications for Public Improvement Projects, latest edition, shall govern
- All existing utilities indicated on the drawings are according to the best information available to the City Engineer; however, all utilities actually existing may not be shown. Utilities damaged through the negligence of the Contractor to obtain the location of same shall be repaired or replaced by the Contractor at his expense.
- Backfill within the right-of-way shall be compacted to ninety-five (95) percent of maximum density at optimum moisture. No fill shall be placed in future rights-of-way under a Land Disturbance permit unless approved by the City Engineer.
- All trench excavation beneath existing and proposed streets shall be backfilled in accordance with Technical Specification Section 4000. Alternate backfill materials shall require the approval of the City Engineer.
- 9. All service lines shall be laid on a 1.00% minimum grade unless approved by the City Engineer
- 10. 1000° denotes Minimum Basement Floor Elevation.

- n of any water line, sewer line or service line required for the construction of this project shall be the of the Contractor and shall be at his expense.
- 14. The Contractor shall install and properly maintain a mechanical plug at all connection points with existing lines until such time that the proposed line is tested and approved.
- 15. To prevent damage to main sewer line, all blasting required for laterals stub lines shall be performed during blasting for the main line.

QUANTITY UNITS

16. A pre-blast survey shall be approved by the Fire Marshall prior to the initiation of blasting operations

SUMMARY OF QUANTITIES

SANITARY SEWER CONNECTION

CLEARING AND GRUBBIN

17. All structural inspections shall be completed by a professional engineer registered in the State of Kansas

# GENERAL NOTES:

- The Engineer and/or if a representatives can not or will not provide a warranty, expressed or implied, for the construction of the designs presented in these plans, it is recommended that this plany dosenvation be provided by a qualified firm to the construction of the design presented in the provided by a qualified firm to All construction shall according to the Coll Collable Technical Specifications and Provided Specifications, American Public Work Association (APWA) (Granas CD) (Tabpier) Specifications and and third provided specifications, and provided and the provided specifications and provided specifications are considered to the bedding documents and confirm that the written recibility the resident productions of the bedding documents and confirm that the written recibility the resident productions are considered associations in the bidding documents and confirm that the written recibility the resident productions are considered associated associations in the bidding documents and confirm that the written recibility the written recibility the residence of the specifications are considered associated associations.
- Contraction discovers in the country goodments and commit must be written resolution theretor by the expired in acceptance of contraction is resolution for the piches skept of the project and the safety of the public and shall adhere to all federal, state and local safely regulations.

  Contractor is responsible for coordinating constitution adhifiles with other contractors concurrently working reside.

  Contractor shall coordinate all subcontractor activities, and shall be the sole contract for the owner.

  Contractor shall coordinate all subcontractor activities, and shall be the sole contract for the owner.

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  Contractor shall condition for contraction of the contract for the

- requirements.
  All traffic control required in conjunction with the proposed construction shall be in conformance with the Manual of Uniform
  Traffic Control Devices (MUTCO) and shall be a subsidiary obligation of the contract.
  Contractor is responsible for the contraction of all imited rises large required for their work. This includes scheduling of
  tests, coordinating and providing access to sample locations, and satisfying all test result reporting requirements.

# UTILITIES:

- Existing utilities have been shown to the greatest extent possible based upon information provided to the Engineer. The contractor is responsible for contacting the respective utility companies and field boasting utilities prior to construction and identifying any pointed conflicts. All controls shall immediately be trought to the satisfient conflicts and controls and any required utility relocations. Utilities domained through the control transport of the controls of the Engineer prior to construction and the sequence of the control transport of the controls of the control transport of the controls of the control transport of the structures.

- the structures.

  Utility Separation: Waterlines shall have a minimum of 10 feet horizontal and 2 feet vertical separation from all sanitary

- Utility Separation. Waterlines shall have a minimum of 10 feel horizontal and 2 feet vertical separation from all sanitary some tense intension, and sanitary server incurs limited in members of the present of the sanitary of the sanitary
- subsidiary to the unit price provided for the pipe. Any quantity provided for rock excavation is estimated based on the best

Sheet List Table	
Sheet Number	Sheet Title
1	COVER SHEET
2	GENERAL LAYOUT
3	LAND DISTURBANCE
4	EROSION DETAILS
5	LINE A PLAN & PROFI
6	TRIBUTARY MAP
	CANUTADIV DETAIL O

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PREPARED BY

SEWER OLATHI

AVE.

DATE

STREET & ANDREWS AVE. MAIN EXTENSION ANDREWS / KANSAS ∞ŏ EET STRE 143RD 143RD

# PREPARED FOR:

APPROVED BY:

CITY ENGINEER

CHRIS GRALAPP, AICP MANAGER OF PLANNING/ENERGY OLATHE PUBLIC SCHOOLS

## JOHNSON COUNTY BENCHMARK:

Bernsten Aluminum Disk Stamped BM 631 Set on the S.E. Corner of Headwall on South Side 143rd St.

# PROJECT BENCHMARK:

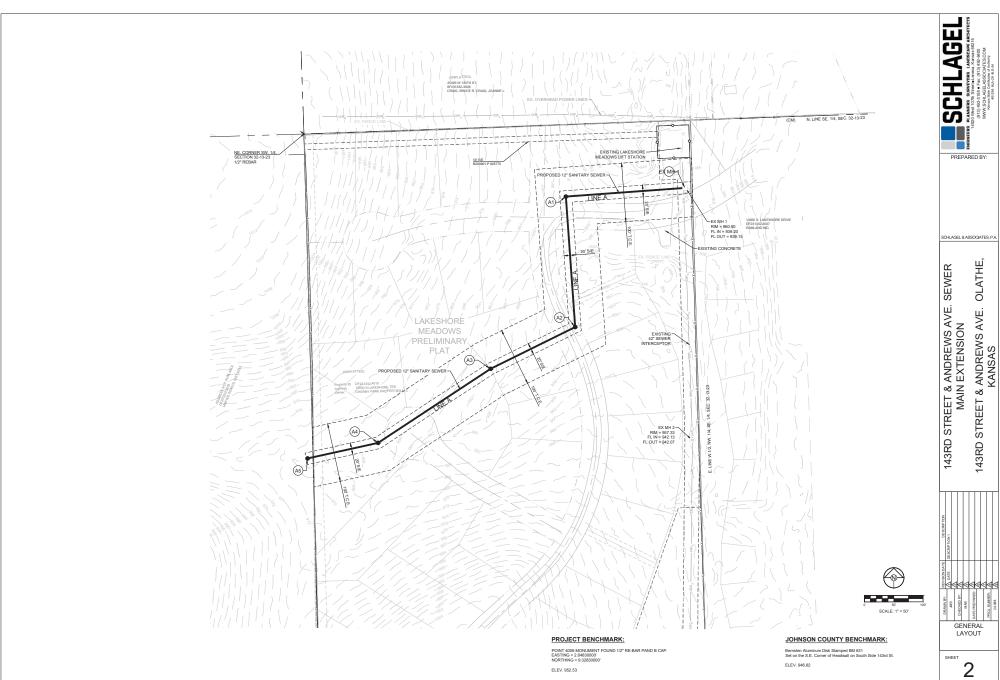
NORTHING = 9.32830000

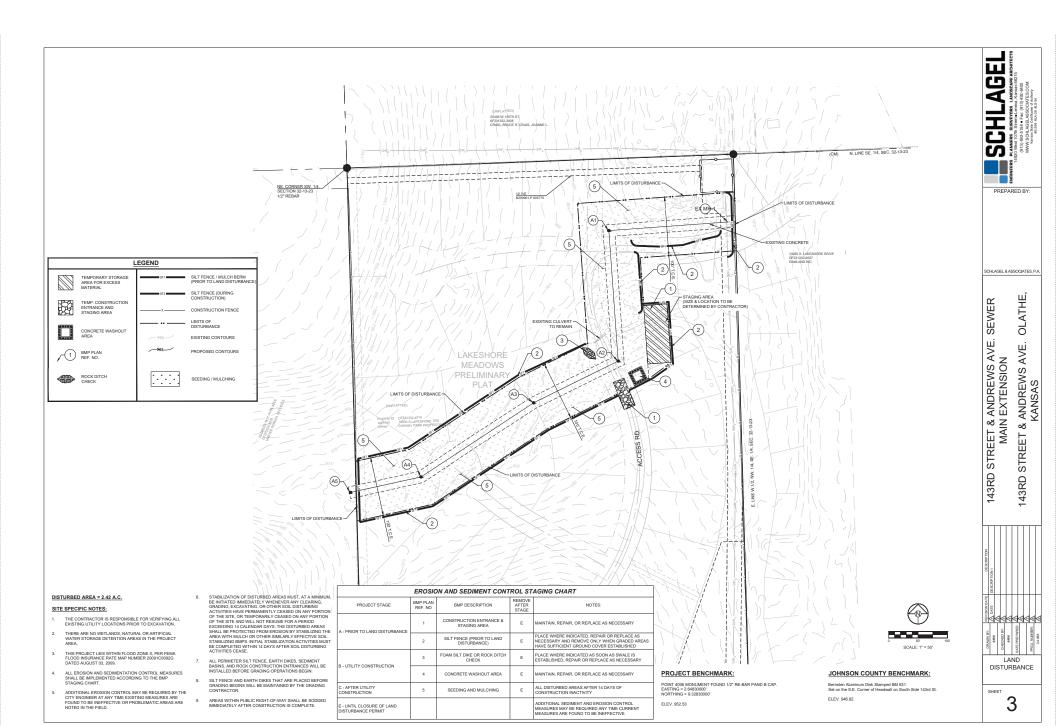
ELEV. 952.53

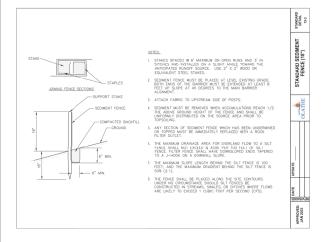
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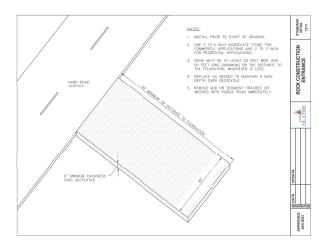
COVER SHEET

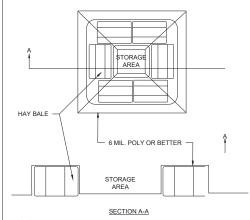
SHEET











- NOTES:
  1. INCREASE SIZE OF WASHOUT PIT AS REQUIRED TO ADEQUATELY CAPTURE WASHOUT WATER VOLUME.
- REMOVE AND DISPOSE OF WASTE CONCRETE AND WASH-WATER AFTER CONCRETE HAS HARDENED.
- RELOCATE AS NECESSARY.
- DISCHARGE OF CONCRETE WASHOUT WATER INTO THE ENVIRONMENT IS NOT PERMITTED.
- 5. CONTRACTOR IS RESPONSIBLE FOR REPAIRING DAMAGE CAUSED BY CONCRETE WASHOUT AREA.

# CONCRETE WASHOUT AREA

LAGEL PREPARED BY:

SCHLAGEL & ASSOCIATES, P

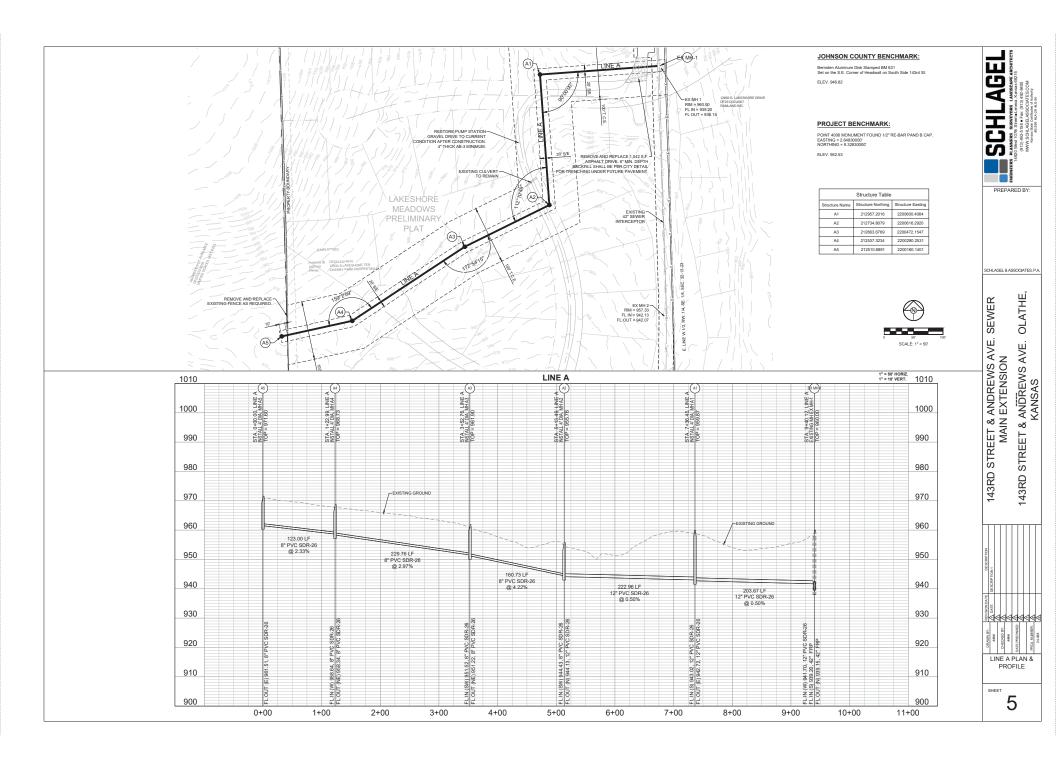
OLATHE, SEWER

143RD STREET & ANDREWS AVE. MAIN EXTENSION 143RD STREET & ANDREWS AVE. KANSAS

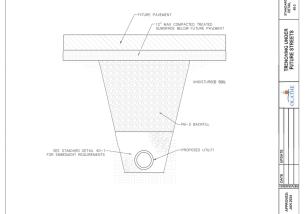
EROSION

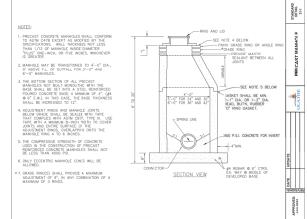
SHEET 4

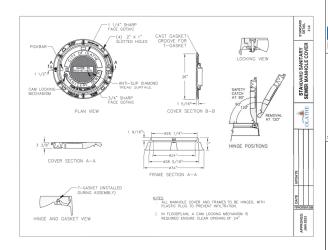
DETAILS

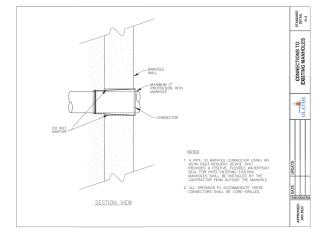


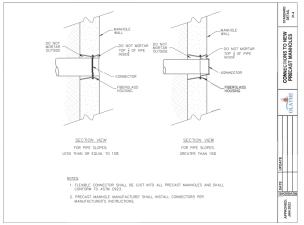














PREPARED BY:

LAGEL

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SANITARY DETAILS