

EROSION CONTROL PLAN
 Scale: 1" = 20'

EROSION CONTROL NOTES

NOTE:
 1. Total Area of Disturbance is 0.88 acres.

SEQUENCE OF CONSTRUCTION ACTIVITIES

1. Sequence of Major Activities
 - a) Install initial straw wattles, silt fencing, and other temporary BMP controls as shown on construction documents.
 - b) As field conditions change, the contractor is responsible for adjusting and relocating BMP's to prevent sediment from leaving the site.
 - c) Begin clearing no more than 21 days before construction in that vicinity.
 - d) Temporary mulching and seeding of disturbed areas, no longer than 7 days following construction of channel improvements in that vicinity, per KDHE.
 - e) Complete grading and install permanent seeding in disturbed areas.
 - f) Remove accumulated sediment from temporary siltation collection areas and straw wattles.
 - g) After completion of all construction activities and sites is stabilized, remove straw wattles and rock check dams, and reseed disturbed areas.
 - h) Notify City of Leawood Public Works Department when site is stabilized, they will submit a "Notice of Termination," to KDHE for the project.
2. Timing of Controls/Measures: As detailed in the sequence of major activities, the construction of the initial temporary BMP's shall precede the start of any grading. Once construction activities have ceased permanently, the open areas will be permanently seeded or sodded. After the disturbed site is stabilized, the accumulated sediment will be removed from control features and mulched or seeded. Excess sediment shall be disposed of on-site in relatively non-erodible areas.

All disturbed areas in this project shall be restored per APWA Section 2400.

Contractor shall utilize Best Management Practices to control erosion and sediment migration into storm drainage structures or channels. Contractor shall evaluate drainage patterns and provide erosion control devices necessary. Contractor shall keep 150 LF of 8" wattle on site for temporary slope protection during construction. The wattle may be moved at the direction of the Engineer for temporary erosion control during construction. Remove when site is 70% revegetated.

Seeding and fertilizer shall precede installation of erosion control blankets. Blankets to be laid and stapled per manufacturer's specifications. Do not stretch blankets.

Contractor is responsible for constructing and maintaining erosion control measures in accordance with City specifications and to the satisfaction of the City.

Inspect controls within 24 hours of rainfall events 1/2" or greater, but not less than every 14 days, per KDHE.

Accumulated sediment shall be removed and the barrier maintained as needed to prevent sedimentation bypass of the barrier.

Temporary erosion control measures are to remain in place until sufficient ground cover has been established to prevent erosion.

The contractor is responsible for mulching, seeding, and fertilizing. All backfill shall be tamped and 6" of organic top soil placed thereafter followed by seeding or sodding as required by the specifications.

Any sediment tracked out onto the public roadway shall be cleaned up at the end of each work day.

If voids become clogged with sediment, the construction entrance shall be top dressed with 2"-4" clean gravel.

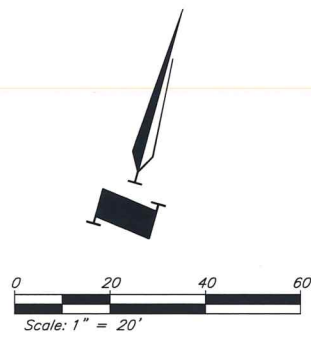
All curb and area inlets shall have gravel filter bags, or other sediment and erosion control devices as approved by the Owner or Engineer, as soon as construction of the inlet is completed.

Contractor shall not remove trees outside of the indicated temporary construction boundary. Contractor shall save those trees as indicated within the temporary construction boundary. Trees within the temporary construction boundary not indicated to be saved shall be sawed to ground level where necessary for clearing. See construction plan documents for trees to be saved.

Contractor shall not disturb stream banks within temporary construction easement except as required for construction of this project.

LEGEND

- Silt Fence
- Safety Fence
- Gravel Construction Entrance
- Rock Ditch Check



**WATER RESOURCES
 RECEIVED
 APR 22 2024
 KS DEPT OF AGRICULTURE**

REV	DATE	DESCRIPTION
PROJECT NUMBER 15361		
DATE 03.05.2024 FINAL PLANS		
DESIGNED:		MKH
DRAWN:		ASH
REVIEWED:		
SHEET TITLE EROSION CONTROL PLAN		
SHEET NUMBER 2-C0.01		

G:\15361\Civil 3D\Production Drawings\Pump Station\104th Street\15361\X0602 Erosion Control.dwg Layout: 2-C0.01 - Monday March 04, 2024, 5:44pm - Copyright 2024, George Butler Associates, Inc.

**State Line Road
Pump Stations Project
104th Street**
Johnson County Wastewater
Leawood, Johnson County, Kansas

REV	DATE	DESCRIPTION

PROJECT NUMBER
15361

DATE
03.05.2024
FINAL PLANS

DESIGNED: MKH
DRAWN: ASH

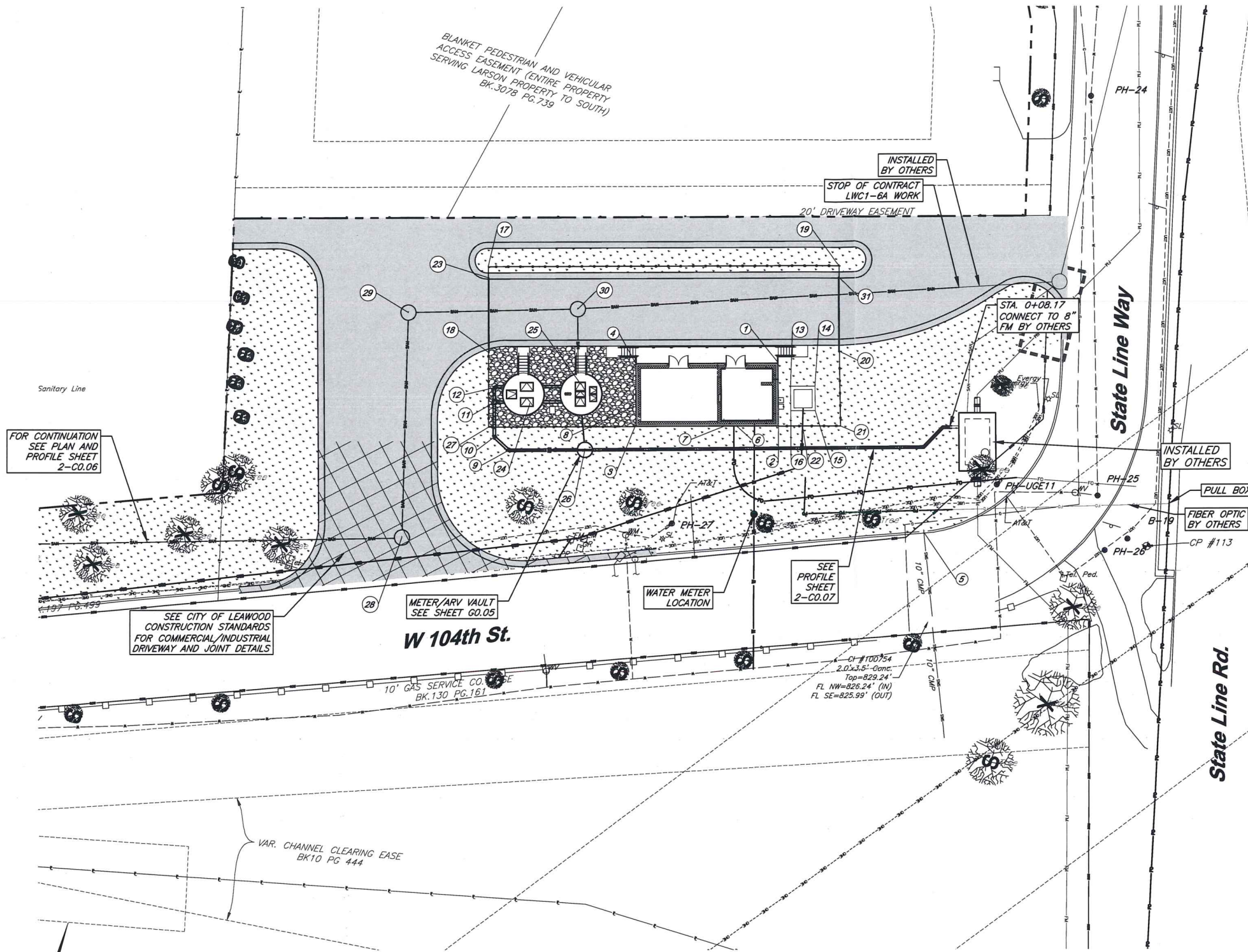
REVIEWED:

SHEET TITLE

SITE PLAN

SHEET NUMBER

2-C0.03



Point Table			
	Description	Northing	Easting
1	Building Corner	238,692.00	2,276,596.73
2	Building Corner/Fence	238,672.32	2,276,603.05
3	Building Corner/Fence	238,658.71	2,276,558.41
4	Building Corner	238,677.73	2,276,552.30
5	Existing Curb Inlet	238,653.82	2,276,659.14
6	Water Tap	238,668.19	2,276,590.05
7	Water Tap	238,666.88	2,276,585.96
8	Electric Service	238,664.03	2,276,555.91
9	45° Bend	238,638.10	2,276,521.03
10	45° Bend	238,640.79	2,276,515.22
11	Tee	238,651.58	2,276,511.69
12	90° Bend	238,656.18	2,276,510.39
13	Transformer Pad	238,685.92	2,276,602.88
14	Transformer Pad	238,688.36	2,276,610.50
15	Transformer Pad	238,680.75	2,276,612.95
16	Transformer Pad	238,678.30	2,276,605.34
17	Fence	238,693.10	2,276,496.44
18	Fence/Gate	238,666.50	2,276,505.00
19	Fence	238,728.28	2,276,606.11
20	Fence/Gate	238,701.72	2,276,614.64
21	Fence	238,678.54	2,276,622.43
22	Fence	238,674.71	2,276,610.50
23	Gate	238,689.67	2,276,497.63
24	Valve Vault	238,654.36	2,276,523.05
25	Wet Well	238,665.75	2,276,537.25
26	Meter/ARV Vault	238,645.80	2,276,544.92
27	Fence	238,643.25	2,276,512.43
28	MH A3	238,600.27	2,276,496.18
29	MH A2	238,670.88	2,276,475.89
30	MH A1	238,688.83	2,276,528.78
31	Gate	238,724.61	2,276,607.28

15361.00 - State Line Pump Station - Control Note
Coordinates Shown Hereon:
Kansas State Plane North, NAD83
1501 - Kansas North, U.S. Feet
Vertical - NAVD88, U.S. Feet

CP #113 - Set 1/2" Rebar at the Southeast corner of 104th Street and State Line Way.

- Ties:
- 3.00 feet East to concrete wall face at the beginning of bridge
 - 10.50 feet Southeast to the Southwest corner of concrete wall at beginning of wall
 - 28.70 feet Southwest to East face of an AT&T Pedestal

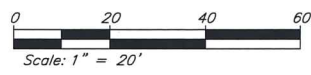
Coordinates:
N: 238671.3650
E: 2276730.2860
4. 830.70'

- NOTES:
- The Contractor shall coordinate with WaterOne regarding the water meter installation and tie-in to the existing water main. Refer to Specification section Special Conditions Governing the Work.

SITE PLAN
Scale: 1" = 20'

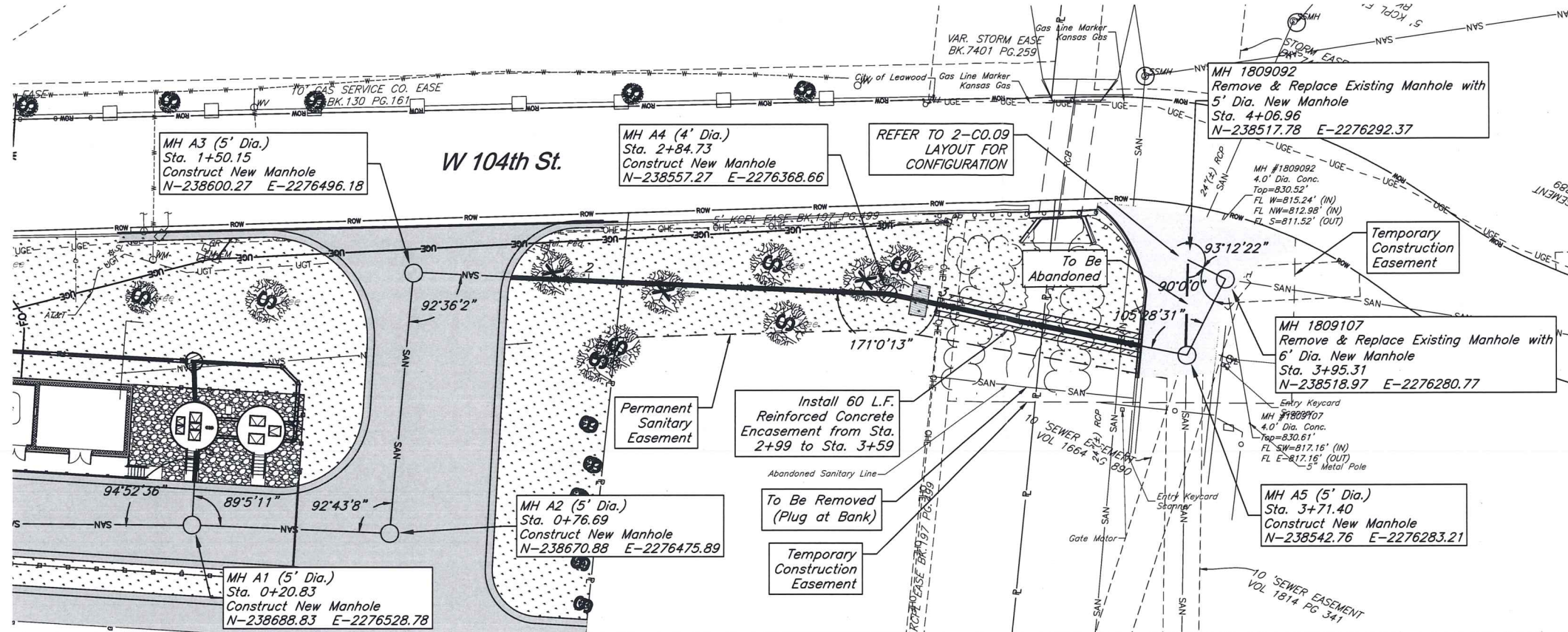
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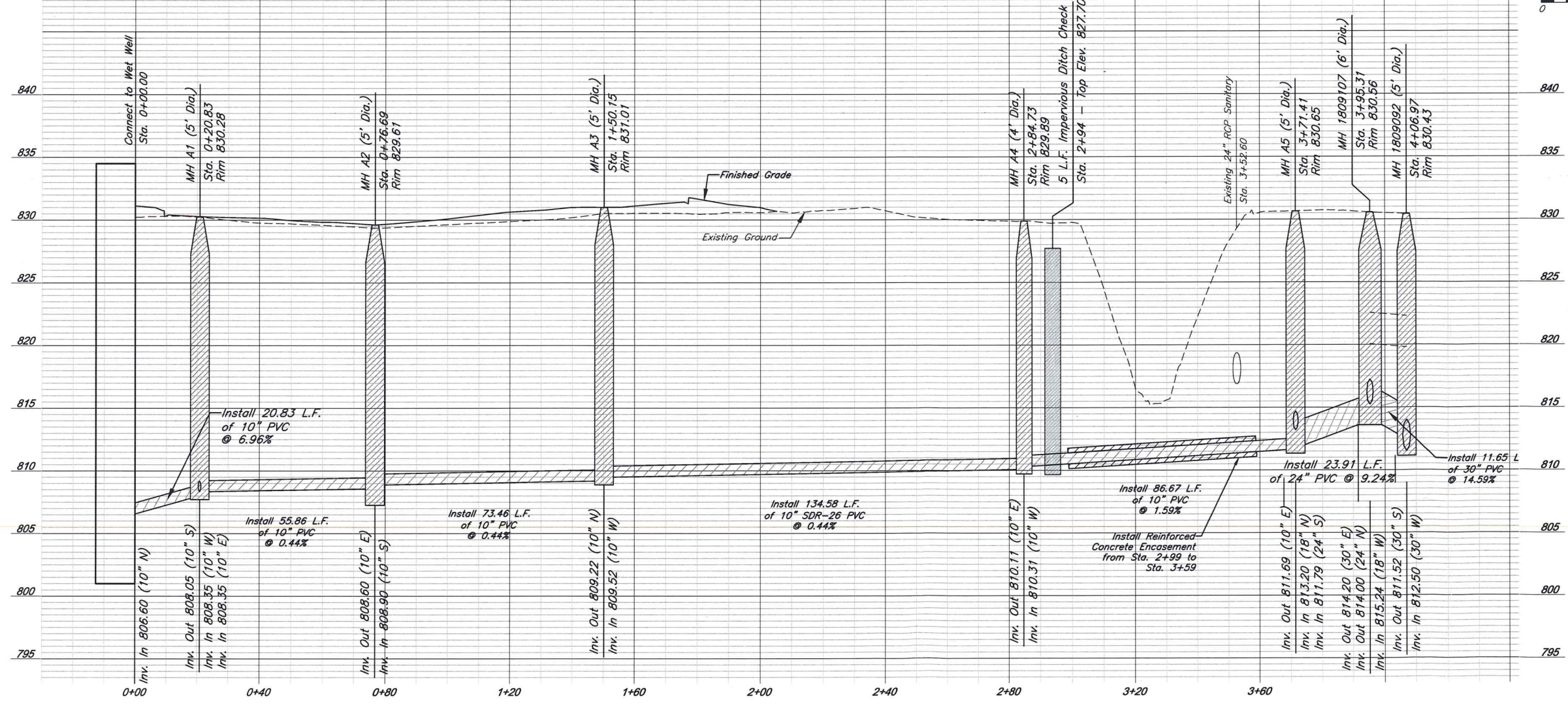
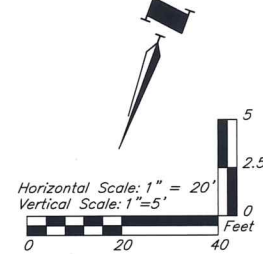
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NOTES:

- Contractor to restore all areas disturbed during construction to match existing conditions.
- Prior to beginning sewer construction west of MH A4, Contractor shall coordinate driveway closures and any necessary access for bypass pumping with the City of Leawood Public Works Department.

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KS DEPT OF AGRICULTURE



REV	DATE	DESCRIPTION
PROJECT NUMBER 15361		
DATE 03.05.2024		
DRAWN: ASH		
DESIGNED: JDC		
REVIEWED: 		
SHEET TITLE PLAN AND PROFILE		
SHEET NUMBER 2-C0-06		

GBA

9801 Renner Blvd. Ste. 300
 Lenexa, KS 66219
 913.492.0400
 gbateam.com

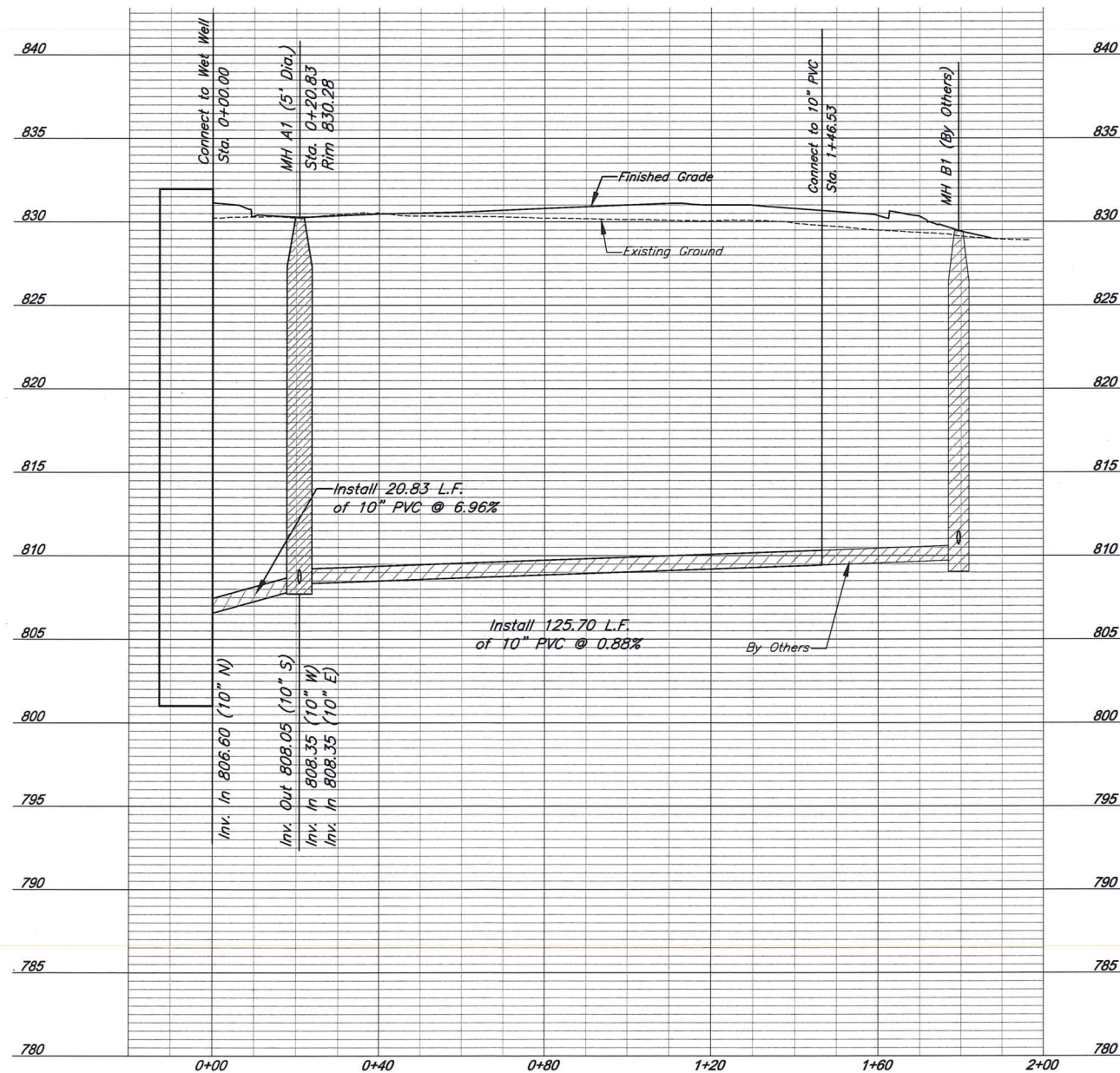
**State Line Road
 Pump Stations Project
 104th Street**
 Johnson County Wastewater
 Leawood, Johnson County, Kansas

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 Architecture COA# A-45
 Land Surveying COA# LS-8

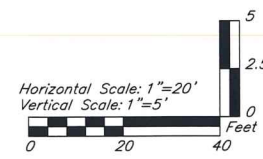
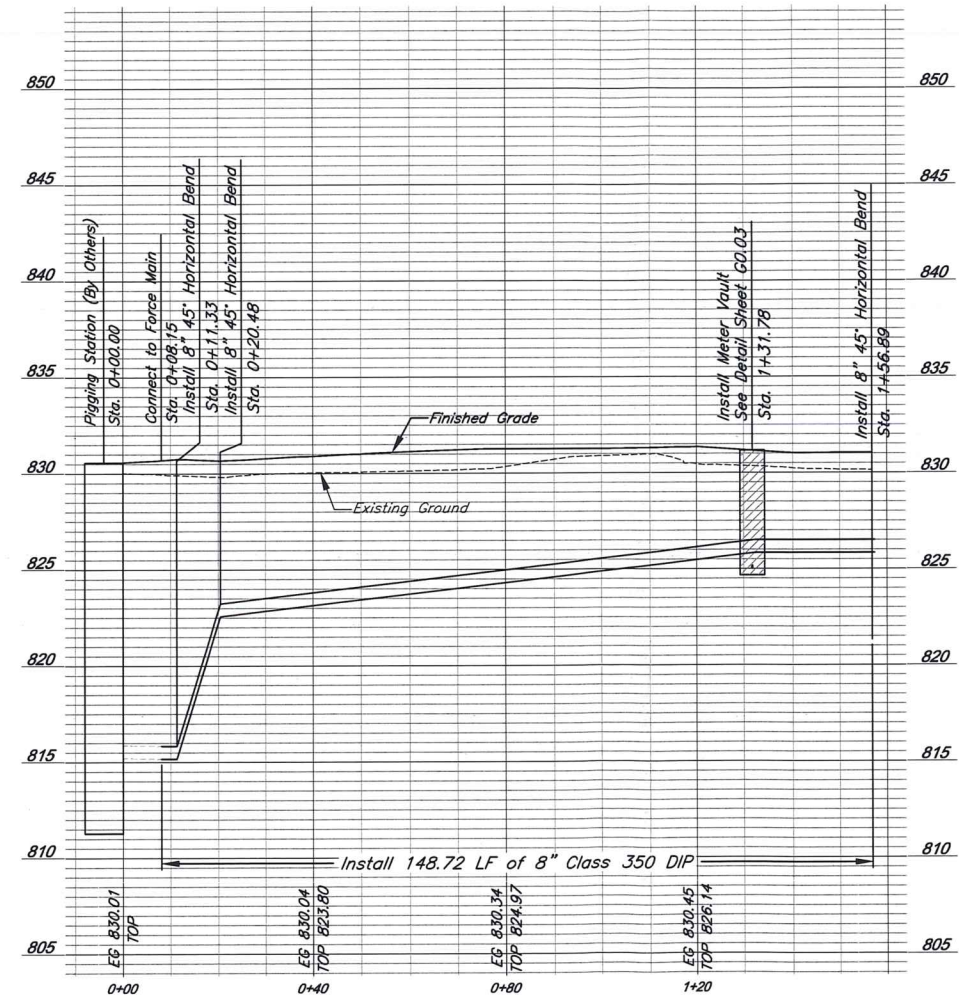
**State Line Road
Pump Stations Project
104th Street**

Johnson County Wastewater
Leawood, Johnson County, Kansas

**Wet Well to
MH A1**



FM Line B



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15361

DATE
03.05.2024

FINAL PLANS

DESIGNED: MKH
DRAWN: ASH

REVIEWED:

SHEET TITLE
**WASTEWATER
PROFILES**

SHEET NUMBER
2-C0.07