

ALL WORK SHALL CONFORM TO CURRENT CITY OF ANN ARBOR STANDARDS.

CONTRACTOR & CITY OF ANN ARBOR WILL COORDINATE SUITABLE ACCESS THROUGH LAMP POST PLAZA PARKING LOT TO FACILITATE PLANNED WORK.

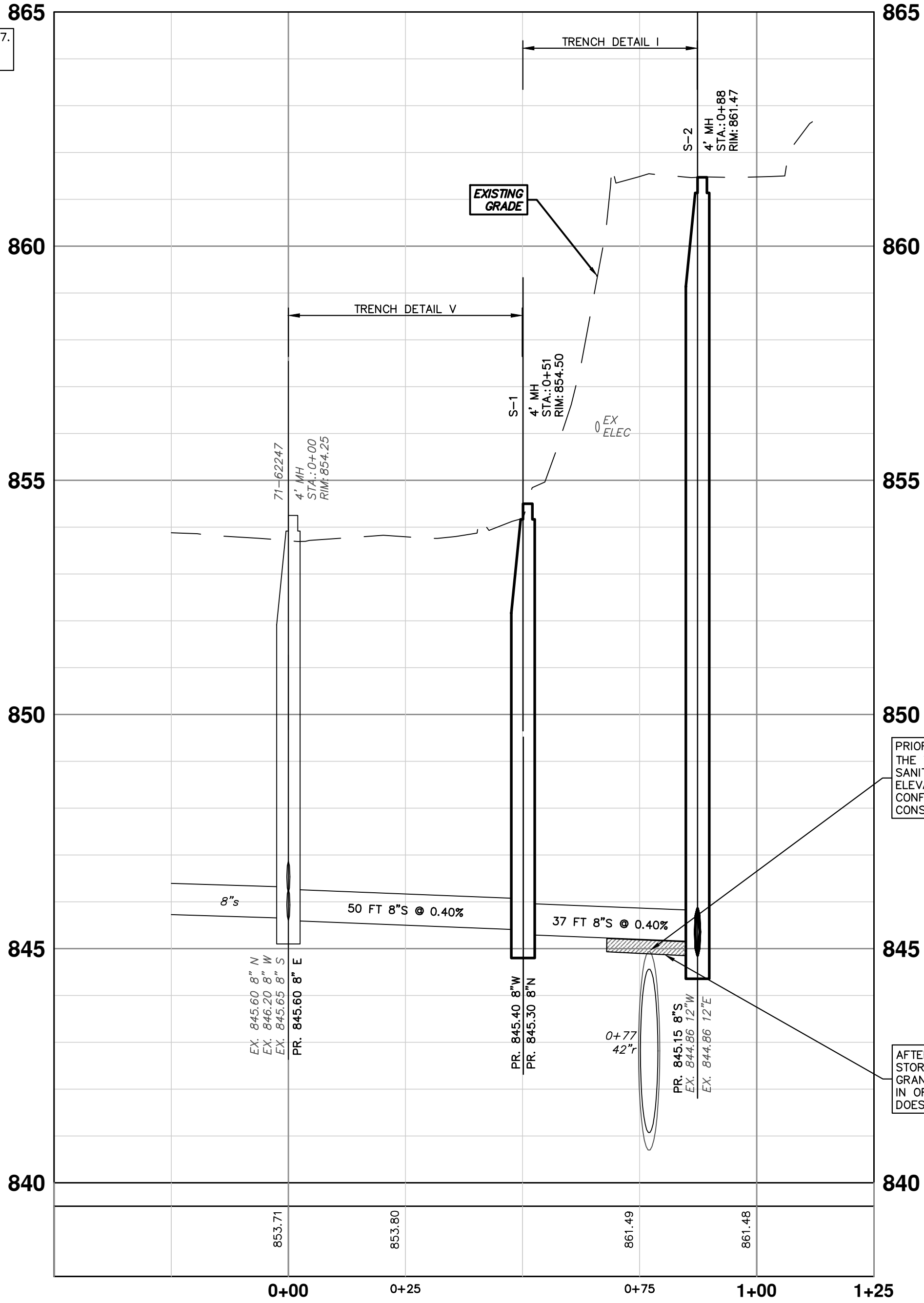
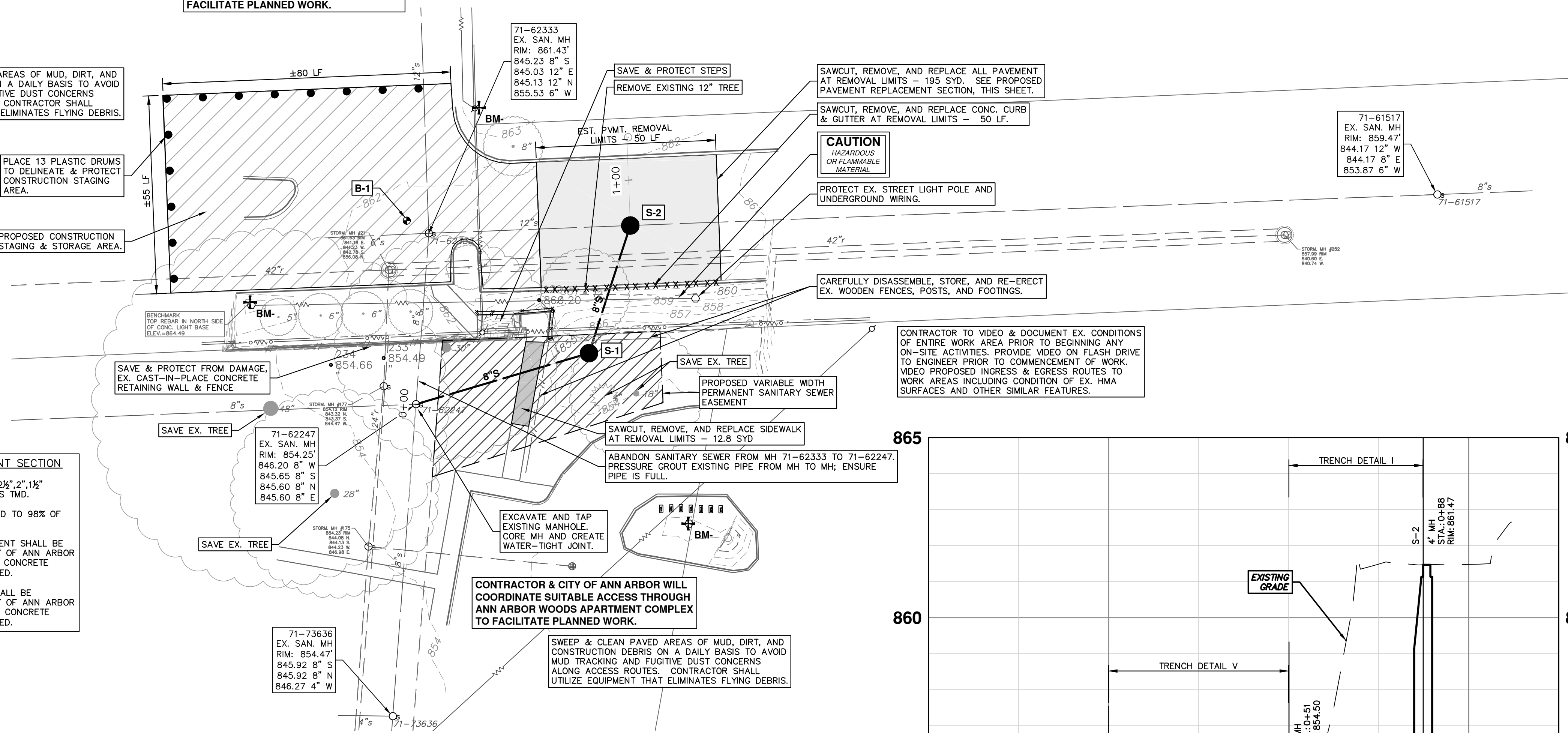
SWEEP & CLEAN PAVED AREAS OF MUD, DIRT, AND CONSTRUCTION DEBRIS ON A DAILY BASIS TO AVOID MUD TRACKING AND FUGITIVE DUST CONCERNS ALONG ACCESS ROUTES. CONTRACTOR SHALL UTILIZE EQUIPMENT THAT ELIMINATES FLYING DEBRIS.

PLACE 13 PLASTIC DRUMS TO DELINEATE & PROTECT CONSTRUCTION STAGING AREA.

PROPOSED CONSTRUCTION STAGING & STORAGE AREA.

**PROPOSED PAVEMENT REPLACEMENT SECTION**

- 6" MDT LVPSP PLACED IN 3 LIFTS - 2 1/2", 2", 1 1/2" COMPACT TO 92 TO 95% OF MATERIALS TMD.
- 8" MDT 21-AA LIMESTONE COMPACTED TO 98% OF THE MATERIAL MAX. DRY DENSITY.
- CONCRETE CURB & GUTTER REPLACEMENT SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF ANN ARBOR STD. DETAIL SD-R-1. MDT GRADE P1 CONCRETE (5.6 SACK CEMENT/YD<sup>3</sup>) SHALL BE USED.
- CONCRETE SIDEWALK REPLACEMENT SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF ANN ARBOR STD. DETAIL SD-R-9. MDT GRADE P1 CONCRETE (5.6 SACK CEMENT/YD<sup>3</sup>) SHALL BE USED.



PRIOR TO INSTALLING ANY PIPE OR MANHOLES, EXPOSE THE TOP OF THE EX. 42" STORM SEWER WHERE PROPOSED SANITARY SEWER CROSSES. ASSIST ENGINEER IN SHOOTING ELEVATION OF PIPE SO IT CAN BE VERIFIED THAT A CONFLICT DOES NOT EXIST BETWEEN EX. & PROPOSED CONSTRUCTION.

AFTER COMPLETION OF EXPLORATORY EXC. OVER EX. 42" STORM SEWER, CAREFULLY PLACE & COMPACT CL II GRANULAR MATERIAL TO 95% OF ITS MAX. DRY DENSITY IN ORDER TO ASSURE SETTLEMENT OF PROPOSED PIPE DOES NOT OCCUR.

**BORING LOG TERMINOLOGY AND ASTM D 2488 CLASSIFICATION OUTLINE**

ITEMS DESCRIBING CONSISTENCY OR CONDITION

CLAYE-GRAINED SOILS (major portion retained on No. 200 sieve) includes (1) organic and inorganic silts and clays, (2) silty or clayey sands, and (3) silty or clayey silts. Consistency is determined by laboratory tests or standard penetration resistance tests.

FINE-GRAINED SOILS (major portion passing on No. 200 sieve) includes (1) organic and inorganic silts and clays, (2) silty sands, or silty clay, and (3) silty silts. Consistency is determined by laboratory tests or standard penetration resistance tests.

GENERAL NOTES

1. Classifications are based on the Unified Soil Classification System and include consistency, moisture, and color. Field descriptions have been modified to reflect results of laboratory tests when deemed appropriate.

2. "Grades with" or "Grades without" may be used to describe soil when characteristics vary within a stratum.

3. Preserved soil samples will be discarded after 60 days unless alternate arrangements have been made.

GROUNDWATER OBSERVATIONS

During: indicates water level encountered during the boring. Each indicates water level immediately after drilling. Date and Depth: Measurements at indicated date.

**LOG OF BORING**

Project: Lamp Post Plaza Sewer Replacement

Client: City of Ann Arbor

Location: Ann Arbor, Michigan

Date Begin: 03/05/2021

Date End: 03/05/2021

Drill Type: CME 45

Sampler: SPT

Core: 2"

Tube: 2"

Depth: 11.0

Notes: Plugging Record: Backfilled borehole with compacted cuttings. Cave in at 20.2 ft.

FT.	FT.	Number	Sample	Group	Description	Q <sub>p</sub>	Q <sub>u</sub>	Q <sub>t</sub>	REMARKS
860.7	1	1	S-1	SP-SM	8" HMA, 8" Crusted Gravel	1.0			File 0' to 12.0'
859.7	2	1	S-1	SP-SM	Brown poorly graded SAND with silt, mostly coarse to fine sand, few silty fines, moist, F&I	2.0			
857.7	4	1	S-2	SP-SM	Brown gray mottled sandy lean CLAY, mostly clayey fines, some coarse to fine sand, moist. Fill with glass and wood, occasional sand seams	1.0			
854.7	8	1	S-3	CL	Grades gray with wet sand seams	1.5			
853.7	9	1	S-3	CL	Grades gray with wet sand seams	0.75			
851.7	10	1	S-4	SP-SM	Brown clayey SAND, mostly coarse to fine sand, little clayey fines, moist	12.0			
850.7	11	1	S-5	SP-SM	Brown clayey SAND, mostly coarse to fine sand, little clayey fines, moist	12.0			
849.7	12	1	S-5	SP-SM	Brown clayey SAND, mostly coarse to fine sand, little clayey fines, moist	12.0			
847.7	14	1	S-5	SP-SM	Brown clayey SAND, mostly coarse to fine sand, little clayey fines, moist	12.0			
846.7	15	1	S-5	SP-SM	Brown clayey SAND, mostly coarse to fine sand, little clayey fines, moist	12.0			
845.7	16	1	S-5	SP-SM	Brown clayey SAND, mostly coarse to fine sand, little clayey fines, moist	12.0			
844.7	17	1	S-5	SP-SM	Brown clayey SAND, mostly coarse to fine sand, little clayey fines, moist	12.0			
843.7	18	1	S-5	SP-SM	Brown clayey SAND, mostly coarse to fine sand, little clayey fines, moist	12.0			
842.7	19	1	S-5	SP-SM	Brown clayey SAND, mostly coarse to fine sand, little clayey fines, moist	12.0			
841.7	20	1	S-5	SP-SM	Brown clayey SAND, mostly coarse to fine sand, little clayey fines, moist	12.0			
840.7	21	1	S-5	SP-SM	Brown clayey SAND, mostly coarse to fine sand, little clayey fines, moist	12.0			
839.7	22	1	S-5	SP-SM	Brown clayey SAND, mostly coarse to fine sand, little clayey fines, moist	12.0			
838.7	23	1	S-5	SP-SM	Brown clayey SAND, mostly coarse to fine sand, little clayey fines, moist	12.0			
837.7	24	1	S-5	SP-SM	Brown clayey SAND, mostly coarse to fine sand, little clayey fines, moist	12.0			
836.7	25	1	S-5	SP-SM	Brown clayey SAND, mostly coarse to fine sand, little clayey fines, moist	12.0			

End of Boring

R:\2021099 Trader Joes Sanitary Sewer\Plan Production\2021 TraderJ.dwg Dwg Created: 16-Mar-21 - a2 standard bw.stb - Plot Date: 17-Mar-21