Reviewed By WW Dept

11/22/2021 9:46:29 AM By T Zell

GENERAL NOTES

1. ALL MATERIALS, QUALITY CONTROL, AND CONSTRUCTION METHODS SHALL CONFORM TO APWA STANDARD SPECIFICATIONS. EXCEPT AS NOTED. 2. CONTRACTOR TO VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO EXCAVATION. THE CONTRACTOR SHALL GIVE 48 HOUR ADVANCE NOTICE TO UTILITY COMPANIES PRIOR TO EXCAVATING WITHIN ANY PUBLIC RIGHT-OF-WAY, AS REQUIRED BY STATE STATUTE.

UTILITIES	INVOLVED:

TELEPHONE NUMBER:

KANSAS ONE-CALL 811 OR 800-DIG-SAFE EVERGY 888-471-5275 LANDEL WATER DISTRICT 913-727-3350 KANSAS GAS SERVICE 888-482-4950 (REPORT EMERGENCY) 800-288-2020 (TECH SUPPORT) AT&T SPECTRUM 800-676-4917 CITY OF LANSING 913-727-2400 (PUBLIC WORKS)

THE UTILITY LOCATIONS SHOWN ON THESE PLANS ARE BASED ON FIELD MARKINGS COORDINATED THROUGH THE KANSAS 811 CALL SYSTEM AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE LOCATIONS SHOWN DO NOT CONSTITUTE ACTUAL FIELD LOCATIONS UNLESS SPECIFICALLY NOTED ON THE PLANS. THE ENGINEER DOES NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THESE LOCATIONS NOR FOR ANY ADDITIONAL UTILITIES NOT INDICATED ON THE PLANS. THE CONTRACTOR SHALL CALL THE VARIOUS UTILITY COMPANIES TO VERIFY DEPTH AND LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

3. LINEAL FOOT MEASUREMENTS SHOWN ON THE PLANS ARE HORIZONTAL MEASUREMENTS NOT SLOPE MEASUREMENTS.

4. NO GEOLOGICAL INFORMATION IS SHOWN ON THESE PLANS.

5. ALL WASTE MATERIALS FROM THIS PROJECT SHALL BE REMOVED FROM THE SITE AND DISPOSED IN PER STATE AND LOCAL REGULATIONS

6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADJUST TO GRADE ANY EXISTING OR PROPOSED MANHOLE, JUNCTION BOX OR SPECIAL STRUCTURE, AS REQUIRED. 7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT THE ADJACENT AND DOWNSTREAM PROPERTY OWNERS FROM STORM WATER, SILT AND EROSION DURING ALL PHASES OF CONSTRUCTION.

8. EROSION CONTROL PLANS AND PROCEDURES SHALL BE IN PLACE PRIOR TO ANY EXCAVATION OR GROUND SURFACE DISTURBANCE.

9. DRAINAGE FROM THE PROJECT SITE FLOWS TO SEVENMILE CREEK, A TRIBUTARY OF THE MISSOURI RIVER

10. PRIOR TO ORDERING PRECOST STRUCTURES, SHOP DRAWINGS SHALL BE SUBMITTED TO THE DESIGN ENGINEER FOR APPROVAL

11. SUBGRADE SOIL FOR ALL CONCRETE STRUCTURES, REGARDLESS OF THE TYPE OR LOCATION, SHALL BE FIRM, DENSE AND THOROUGHLY COMPACTED AND CONSOLIDATED; SHALL BE FREE FROM MUD AND MUCK; AND SHALL BE SUFFICIENTLY STABLE TO REMAIN FIRM AND INTACT UNDER THE FEET OF THE WORKMEN OR MACHINERY ENGAGED IN SUBGRADE SURFACING, LAYING REINFORCING STEEL, AND DEPOSITING CONCRETE THEREON.

12. COMPACTION WITHIN RIGHT-OF-WAY AREAS SHALL BE AT 95% OF OPTIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST.

13. THE CONTRACTOR SHALL BE REQUIRED TO KEEP ALL UTILITIES WITHIN RIGHT-OF-WAY OPERATIONAL DURING CONSTRUCTION.

14. CONTRACTOR SHALL PROVIDE EARTHWORK AND MATERIAL TESTING TO COMPLY WITH THE REQUIREMENTS OF THE PROJECT.

ELECTRONIC TRANSMITTAL STATEMENT

THIS DOCUMENT MUST BE COMPARED TO THE ORIGINAL HARD COPY ISSUED AT THE DATE OF THE ORIGINAL SIGNATURE AND SEAL TO ENSURE THE ACCURACY OF THE INFORMATION AND TO FURTHER ENSURE THAT NO CHANGES, ALTERATIONS OR MODIFICATIONS HAVE BEEN MADE. NO RELIANCE SHALL BE MADE ON A DOCUMENT TRANSMITTED BY COMPUTER OR OTHER ELECTRONIC MEANS UNLESS FIRST COMPARED TO THE ORIGINAL SEALED DOCUMENT.



KANSAS 811 8100 E 22ND ST. N. BLDG 2300 **WICHITA, KS 67226** CALL 811 OR 1-800-DIG-SAFE

UTILITY WARNING

THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON THE ABOVE GROUND STRUCTURES AND RECORD DRAWINGS PROVIDED TO THE ENGINEER/SURVEYOR. LOCATIONS OF UNDERGROUND UTILITIES/STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. BEFORE EXCAVATIONS ARE BEGUN, CONTACT UTILITY COMPANIES FOR VERIFICATION OF UTILITY TYPE AND FIELD LOCATIONS.

PROJEC

LOCATION

SITE CONSTRUCTION DRAWINGS FOR LANSING FAMILY EYE CENTER LOT 2 LANSING TOWNE CENTER

LEAVENWORTH COUNTY LANSING, KANSAS SW 1/4, SEC 24, T9N, R22E

(73)

LOCATION MAP

NOT TO SCALE

Rip Rap Quantity

Dissipation from

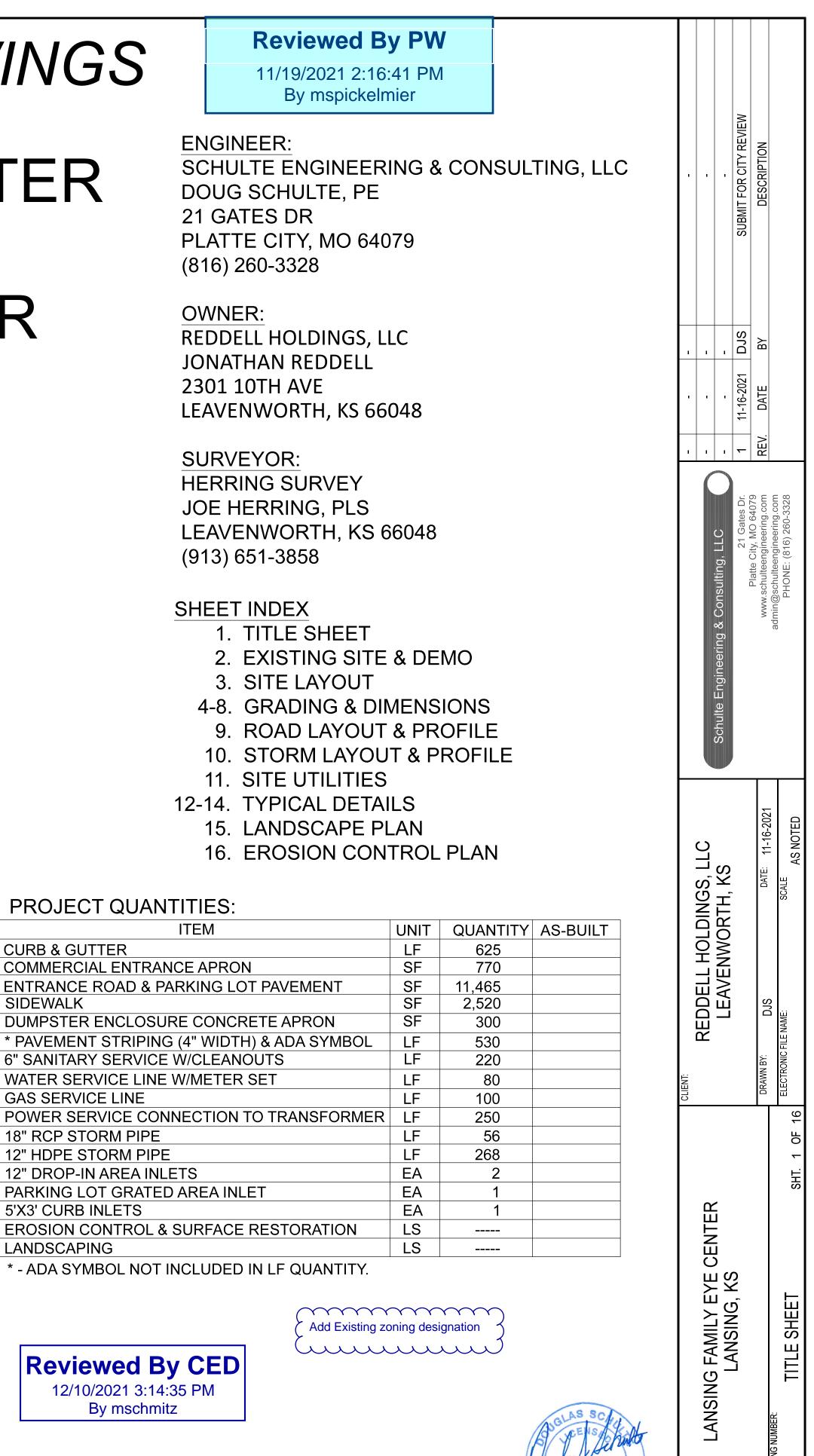
for Energy

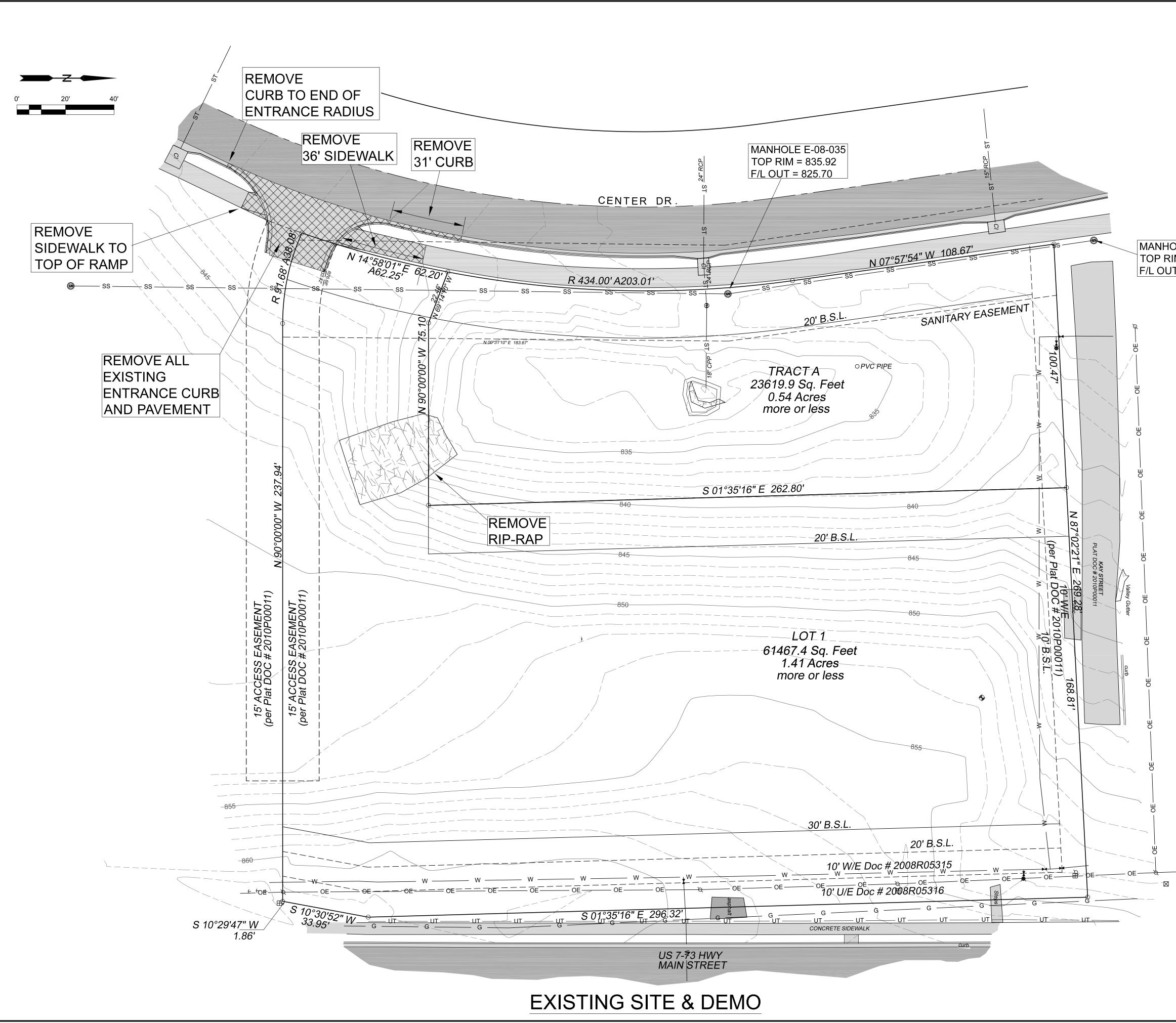
Discharge?

PROJECT QUANTITIES:

CURB & GUTTER COMMERCIAL ENTRANCE APRON **ENTRANCE ROAD & PARKING LOT PAVEMENT** SIDEWALK DUMPSTER ENCLOSURE CONCRETE APRON **6" SANITARY SERVICE W/CLEANOUTS** WATER SERVICE LINE W/METER SET GAS SERVICE LINE 18" RCP STORM PIPE 12" HDPE STORM PIPE 12" DROP-IN AREA INLETS PARKING LOT GRATED AREA INLET 5'X3' CURB INLETS **EROSION CONTROL & SURFACE RESTORATION** LANDSCAPING

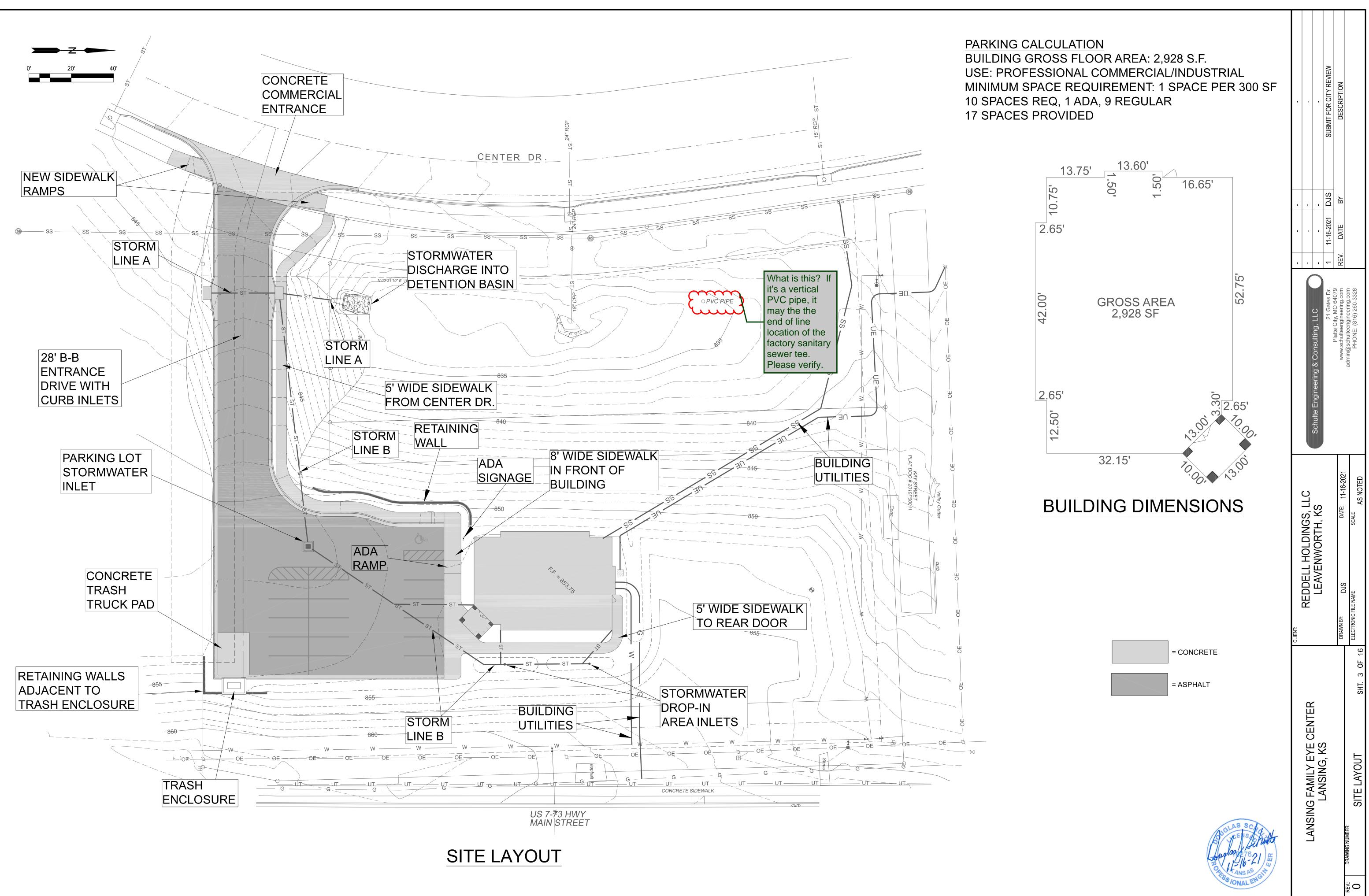
Reviewed By CED 12/10/2021 3:14:35 PM By mschmitz



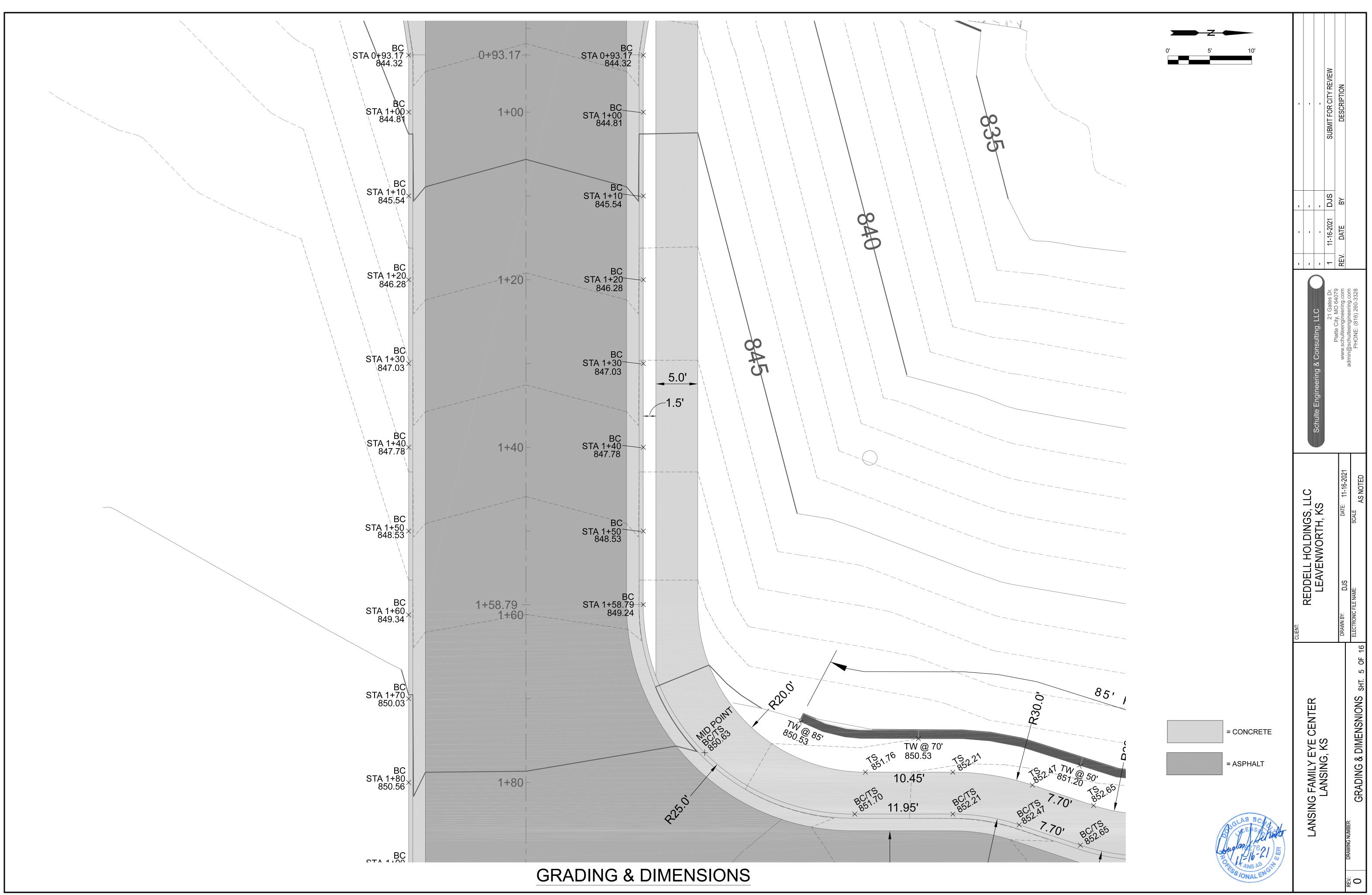


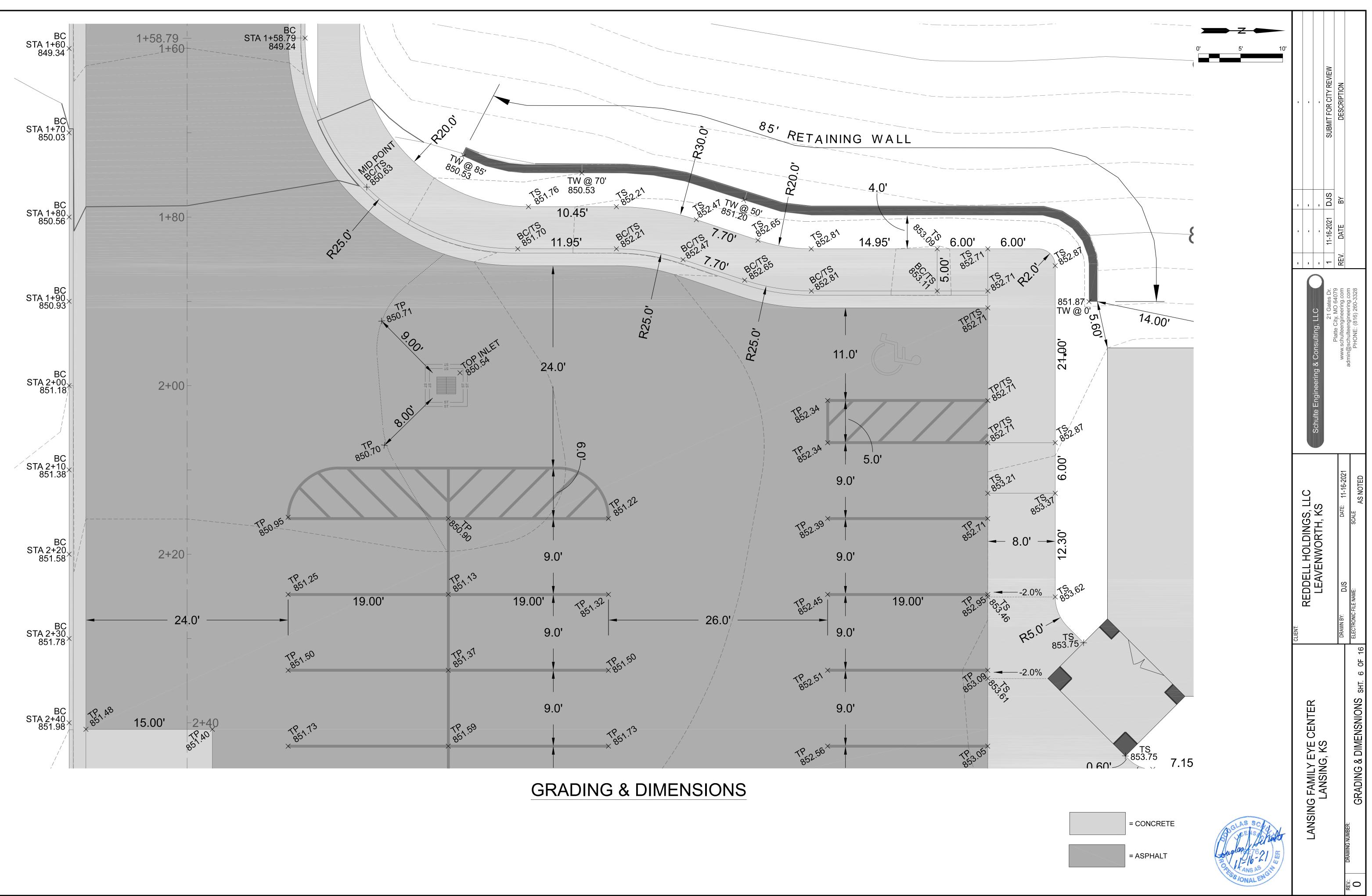
		-		SUBMIT FOR CITY REVIEW	DESCRIPTION
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= DENOTES FOUND MONUMENT				Dr.	ه ا س
M = MEASURED DISTANCE				21 Gates Dr.	
R = RECORDED DISTANCE), LLC	21	Platte City, NO 04079 www.schillteendineering com
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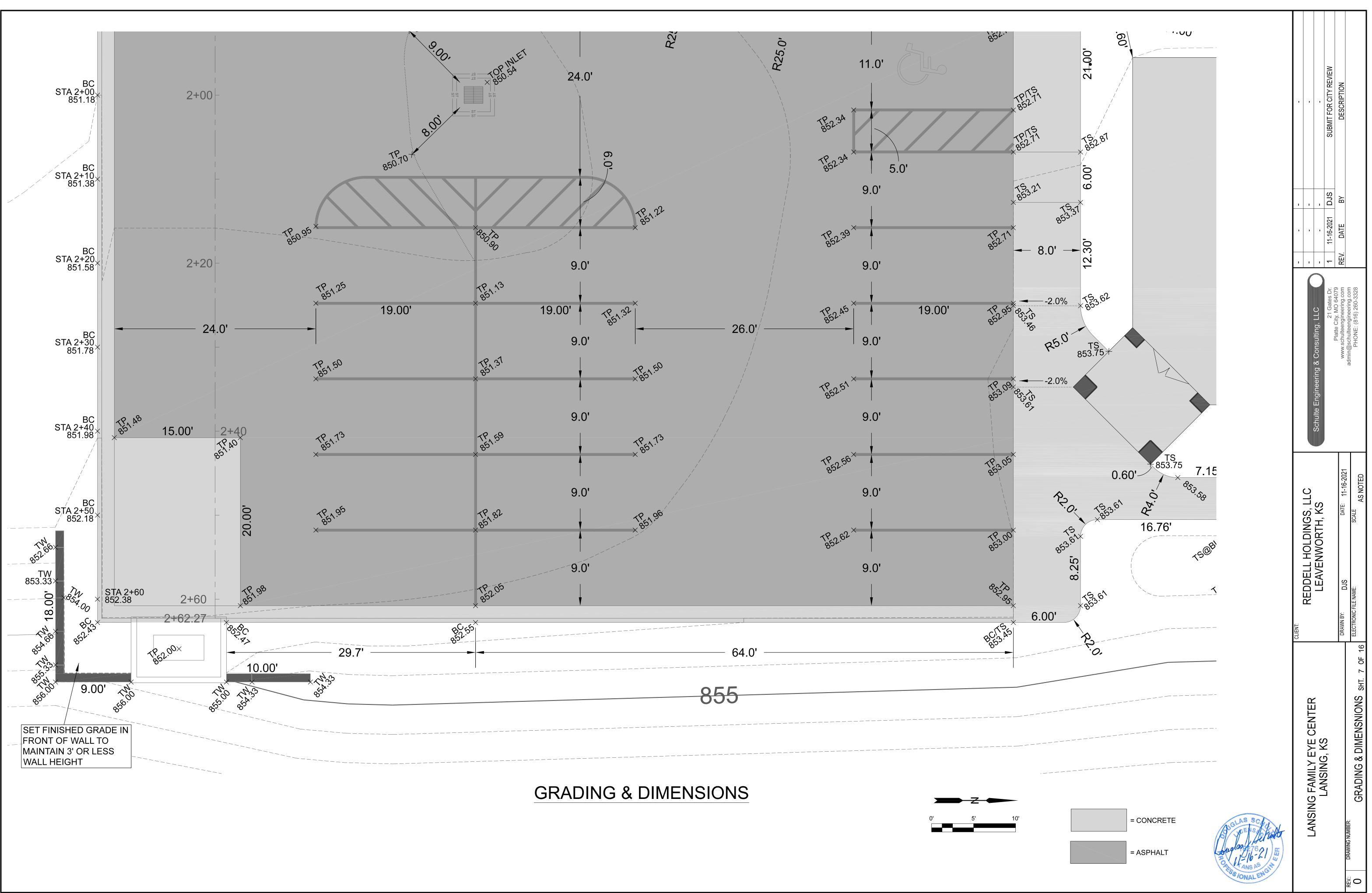
DATE

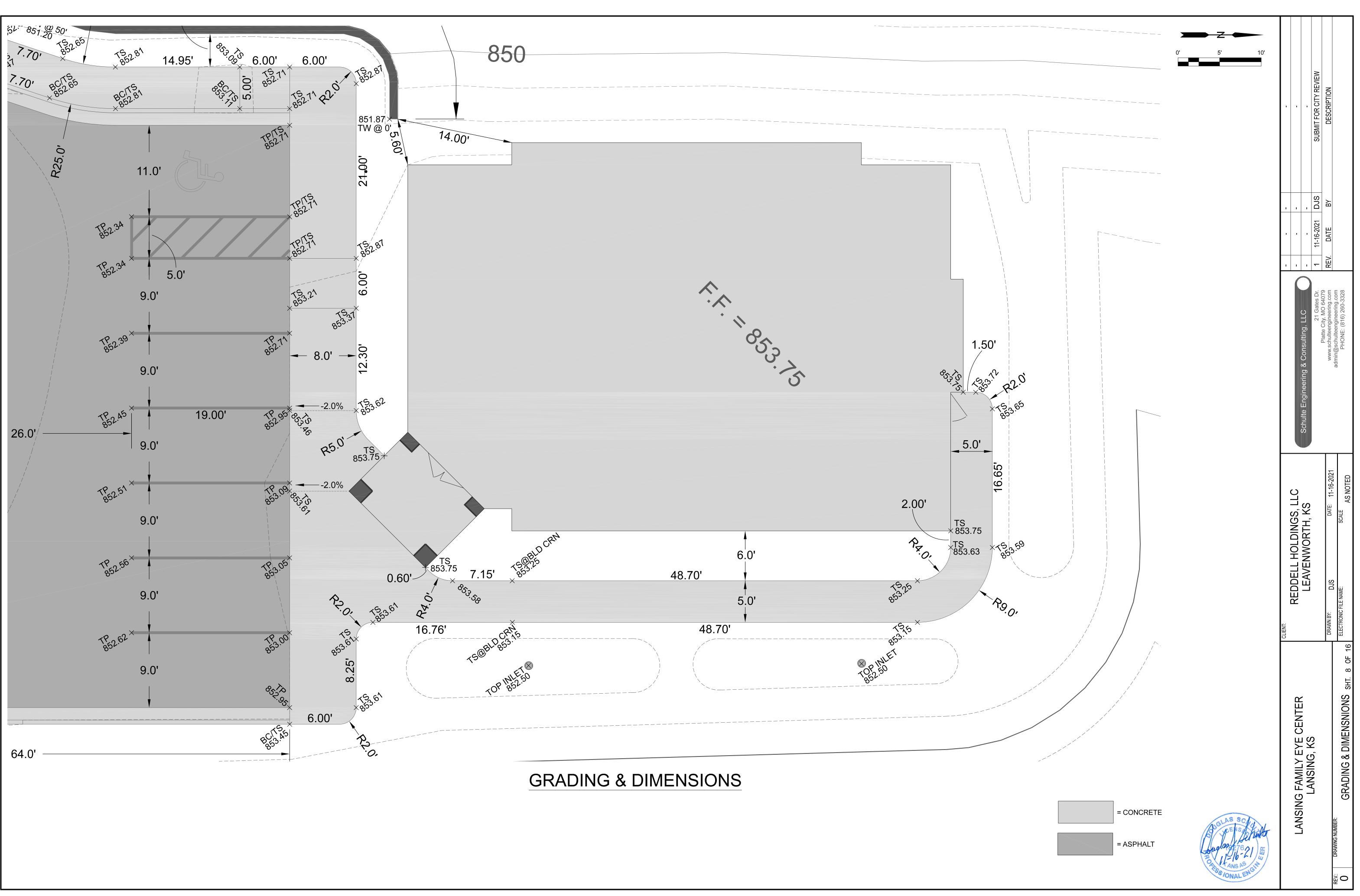


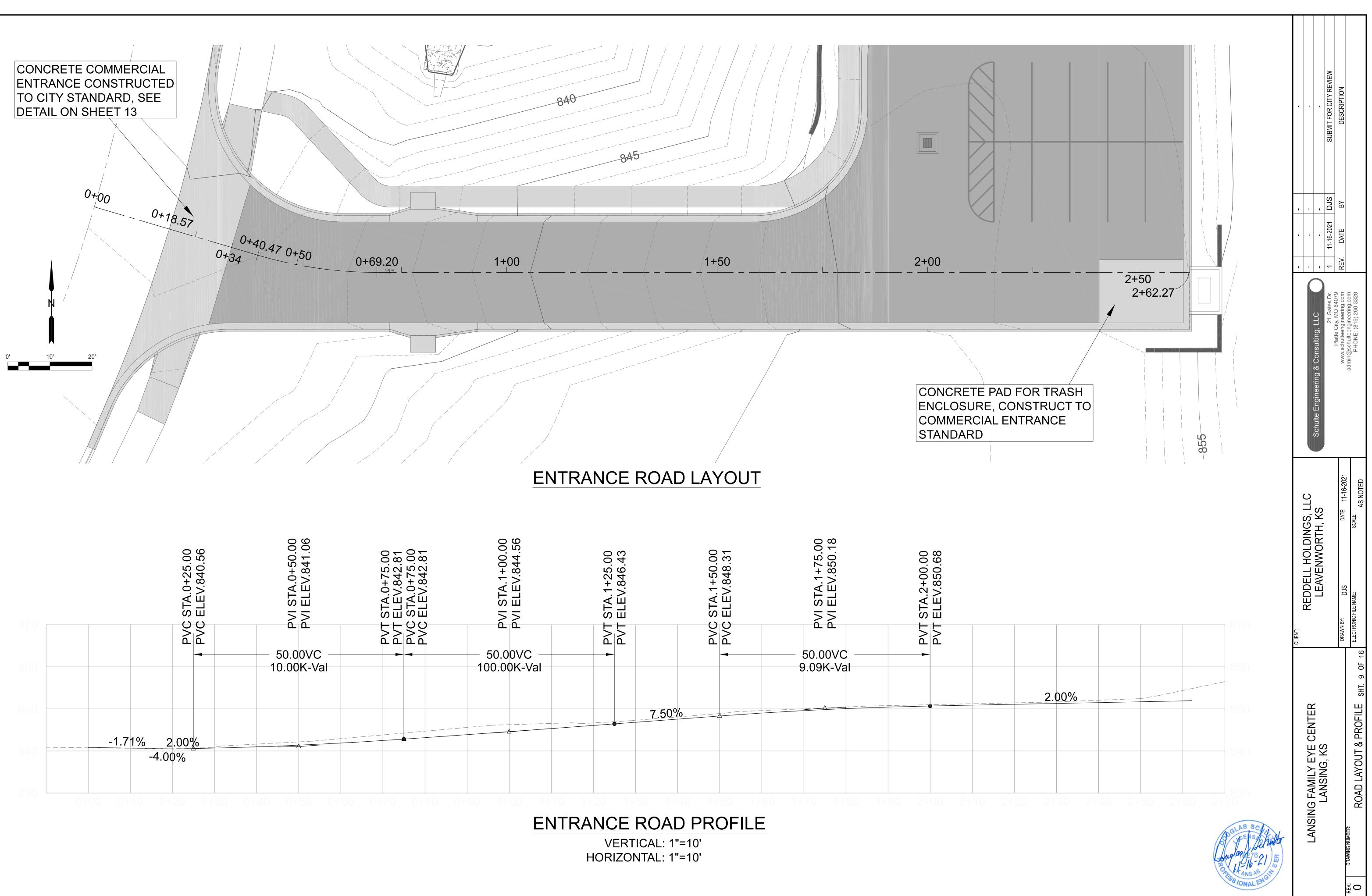


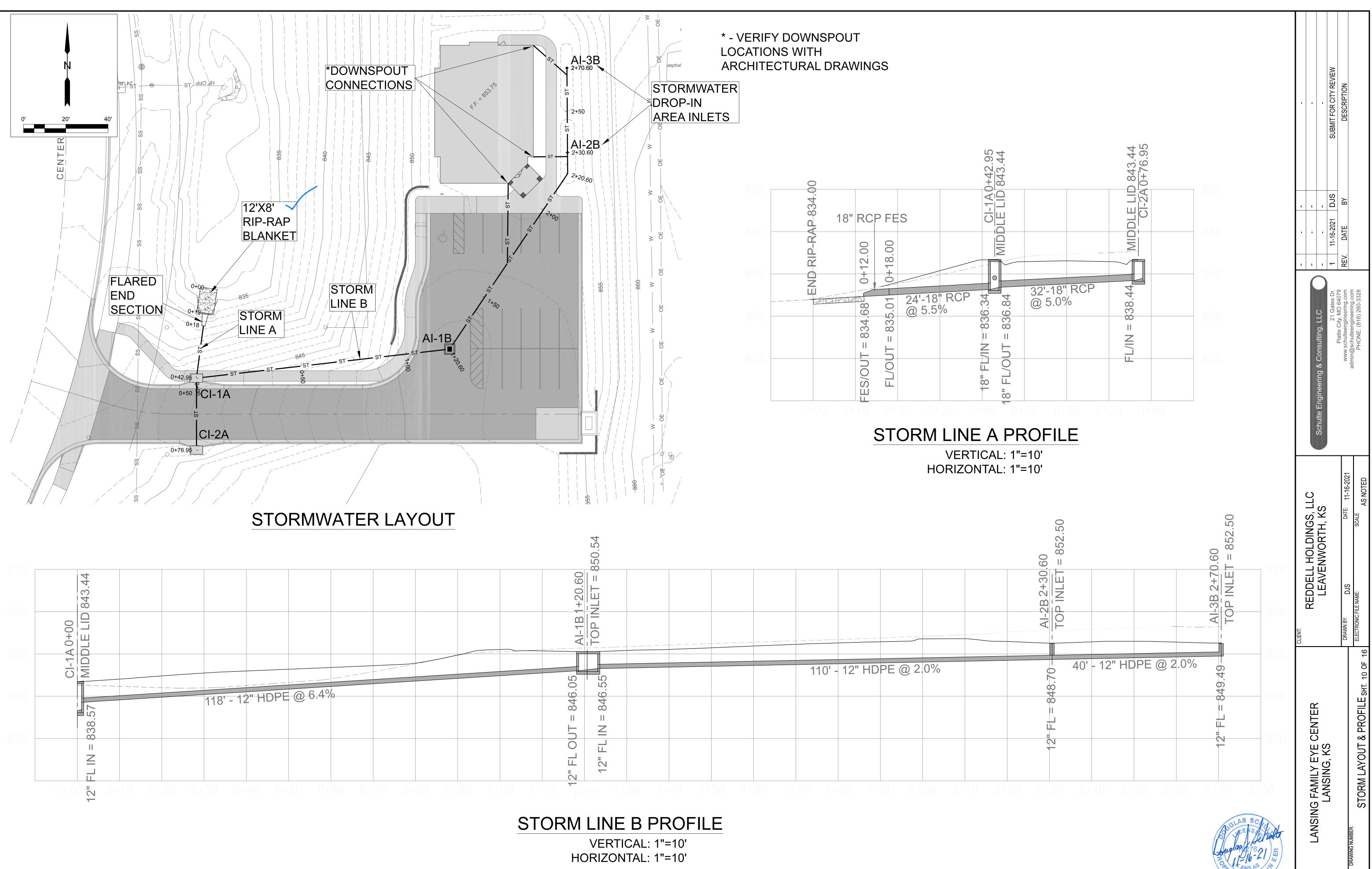


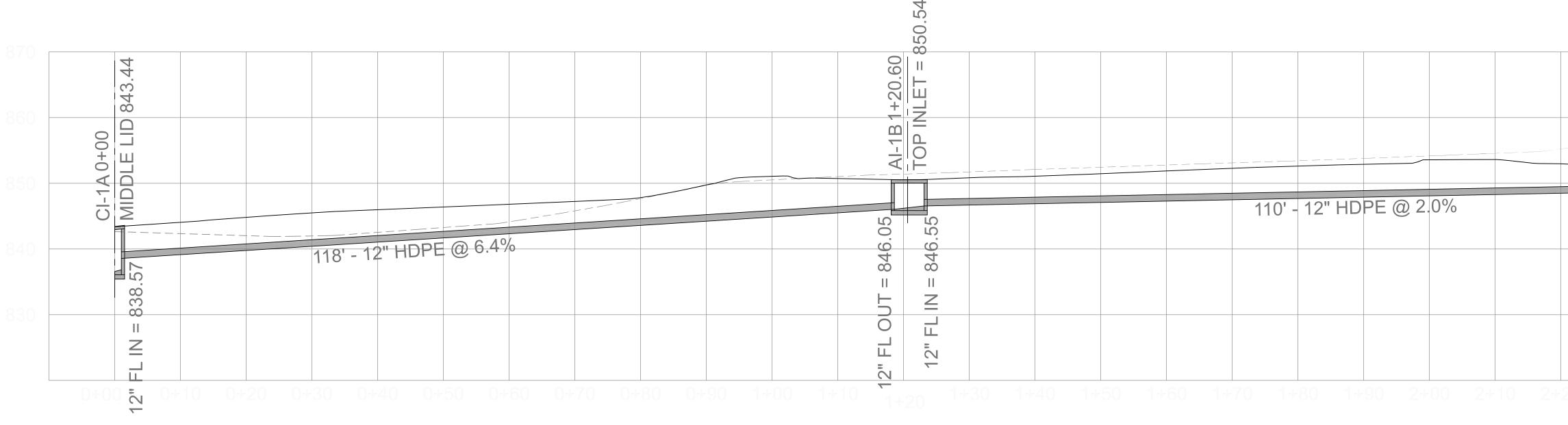


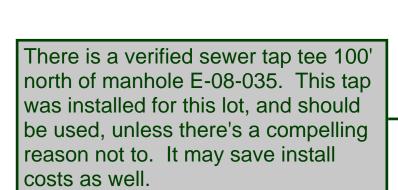






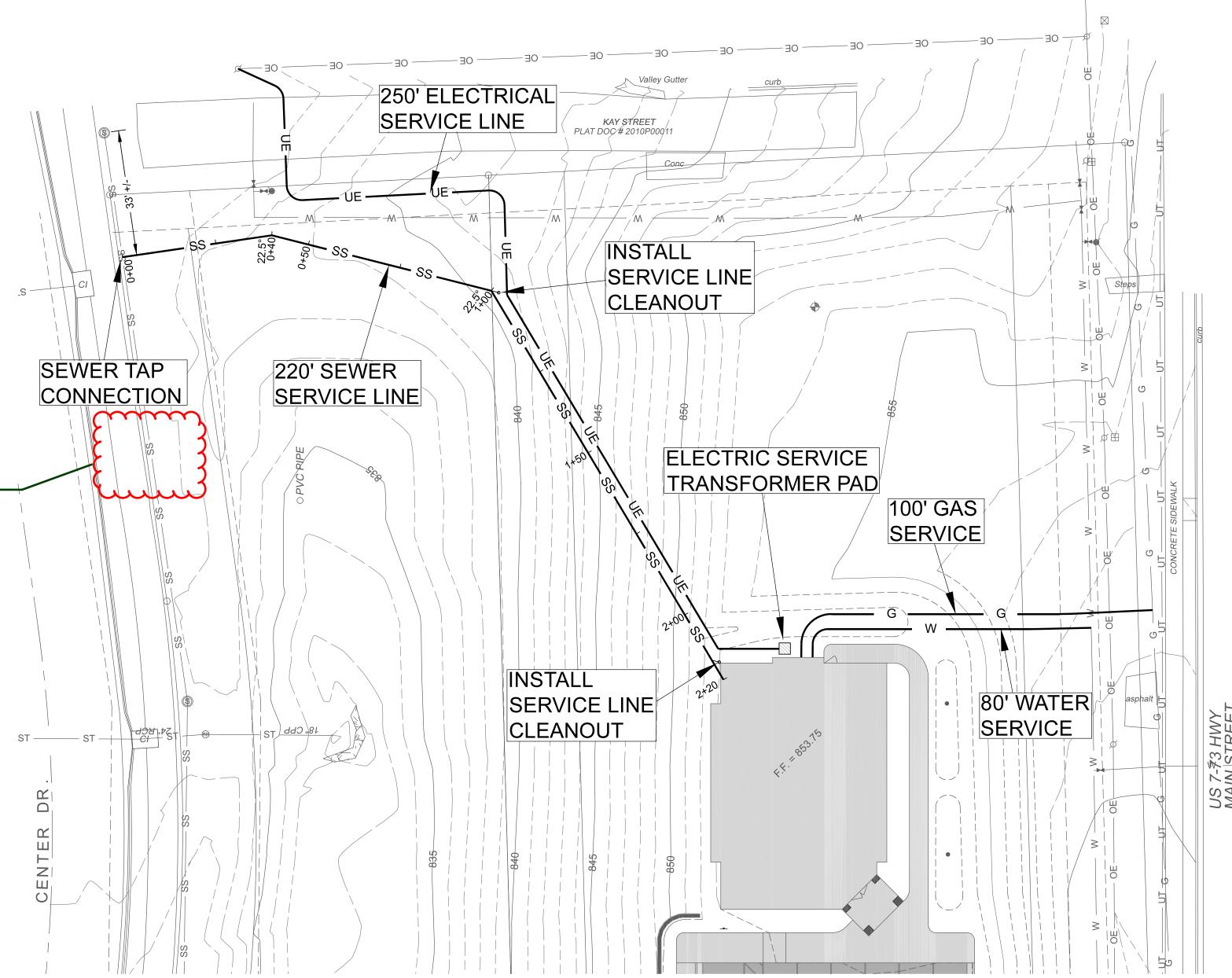


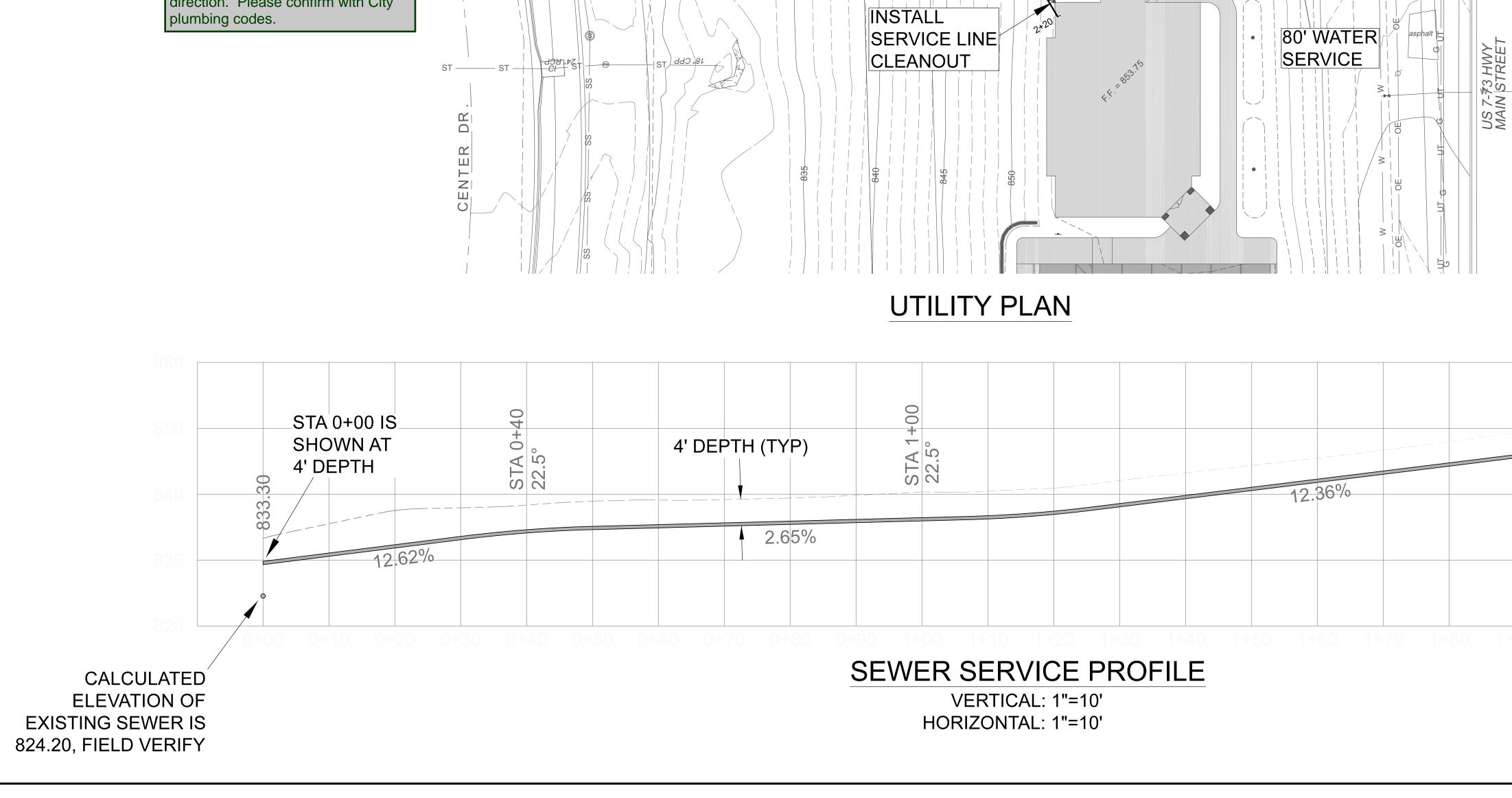




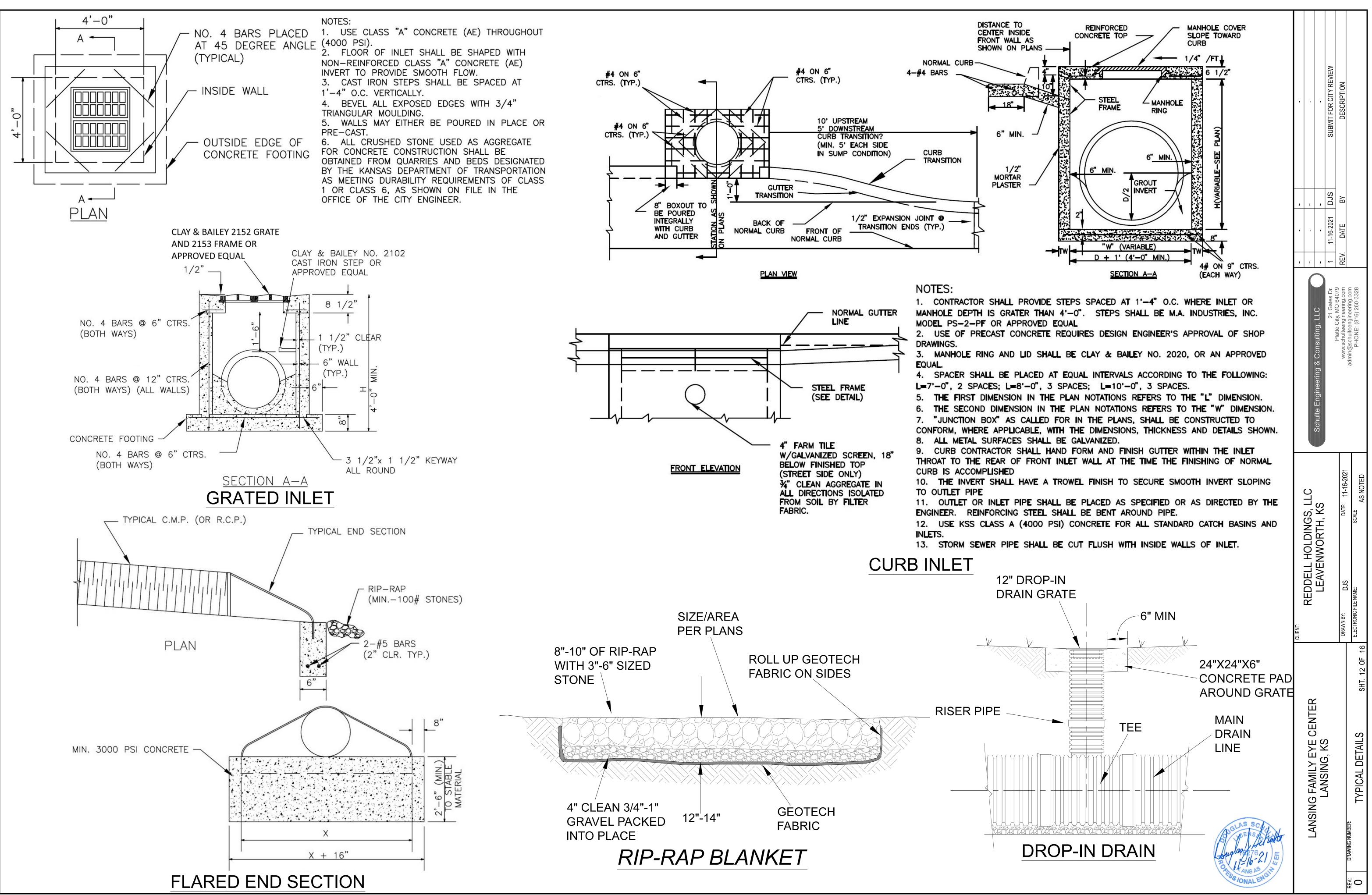
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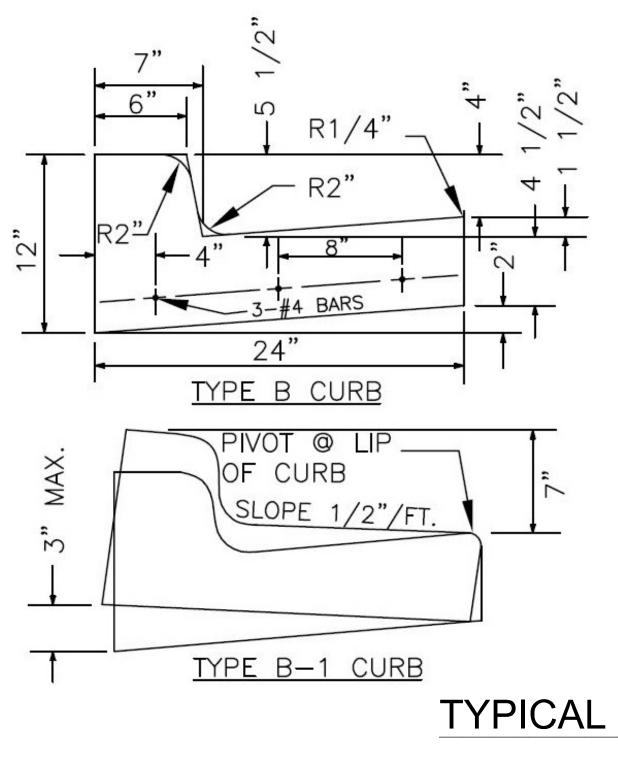
I believe that a cleanout is required every 100' or at each change in direction. Please confirm with City plumbing codes.





			SUBMIT FOR CITY REVIEW	DESCRIPTION	
	· ·	Schulte Engineering & Consulting, LLC	1 11-16-2021 [admin@schulteengineering.com REV. DATE BY admin@schulteengineering.com	PHONE: (&1b) 200-3320
860	CLIENT REDDELL HOLDINGS, LLC	LEAVENWORTH, KS		DRAWN BY: DJS DATE: 11-16-2021 ELECTRONIC ELLE NAME: SCALE	
F.F. = 853.75 850 840 840 830 90 2+00 2+10 2+20 2+30 820 820 820 820 820 820 820 82	LANSING FAMILY EYE CENTER LANSING, KS		REV: DRAWING NUMBER:	0 UTILITY PLAN SHT. 11 OF 16	





NOTES:

1. 1/2" PREMOLDED EXPANSION JOINTS SHALL BE PLACED AT POINTS OF CURVATURE, CURB INLETS, AND AT 100' CENTERS. CONTRACTION JOINTS SHALL BE A MIN OF 2" DEEP OR 1/3 TOTAL THICKNESS, A MAX. OF 3/8" WIDE AND PLACED AT 10' INTERVALS EQUALLY SPACED BETWEEN EXPANSION JOINTS. KANSAS CLASS A(AE) CONCRETE SHALL BE USED THROUGHOUT.

2. ALL CRUSHED STONE USED AS AGGREGATE FOR CONCRETE CONSTRUCTION SHALL BE OBTAINED FROM

QUARRIES AND BEDS DESIGNATED BY THE KANSAS SEPARTMENT OF TRANSPORTATION AS MEETING DURABILITY REQUIREMENTS OF CLASS 1 OR CLASS 6.

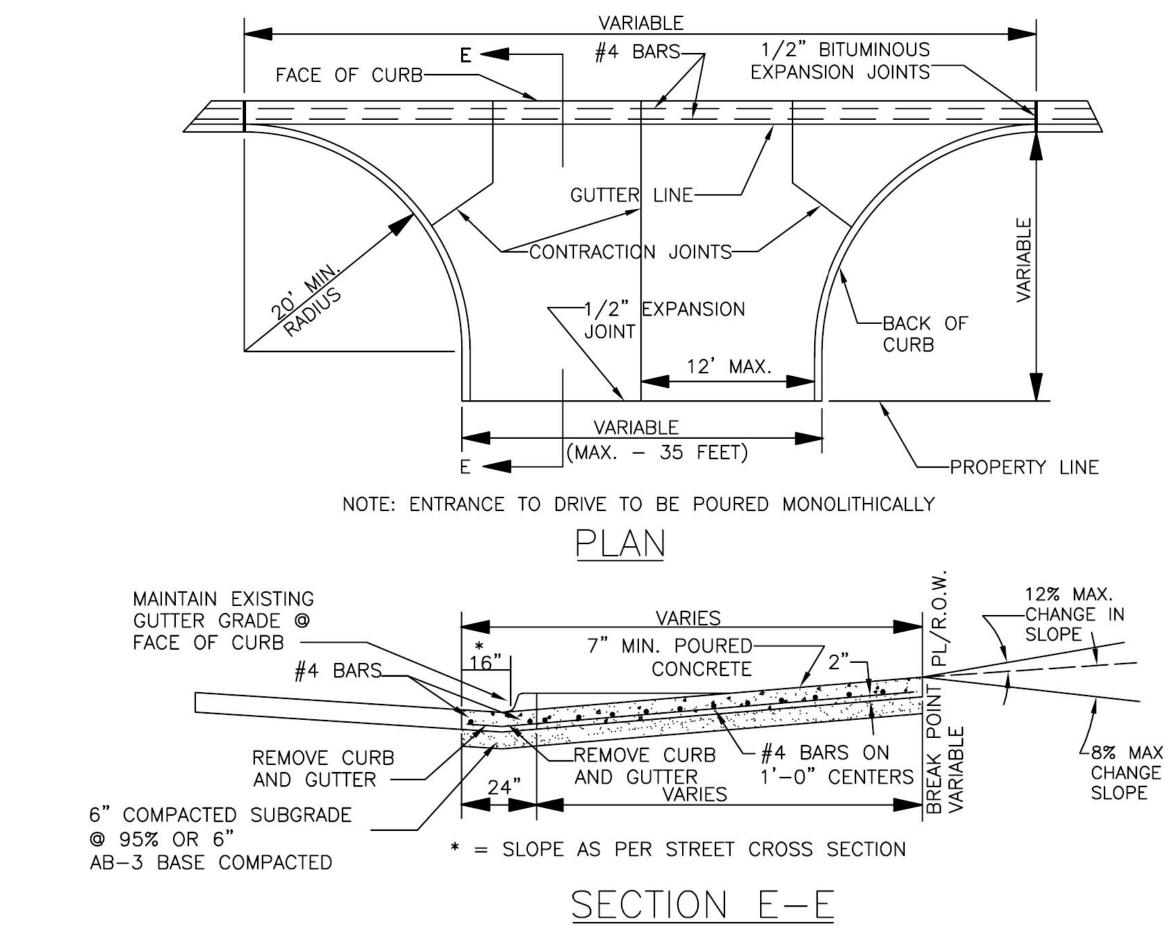
3. NEW CURB PLACEMENT SHALL BE DOWELLED TO EXISTING OR PREVIOUS PLACEMENT IN ACCORDANCE WITH REINFORCING AS SHOWN ON THIS SHEET.

4. REINFORCING NOT REQUIRED WHEN CURB IS PLACED ON ASPHALTIC CONCRETE BASE COURSE (COLLECTOR AND ARTERIAL STREETS).

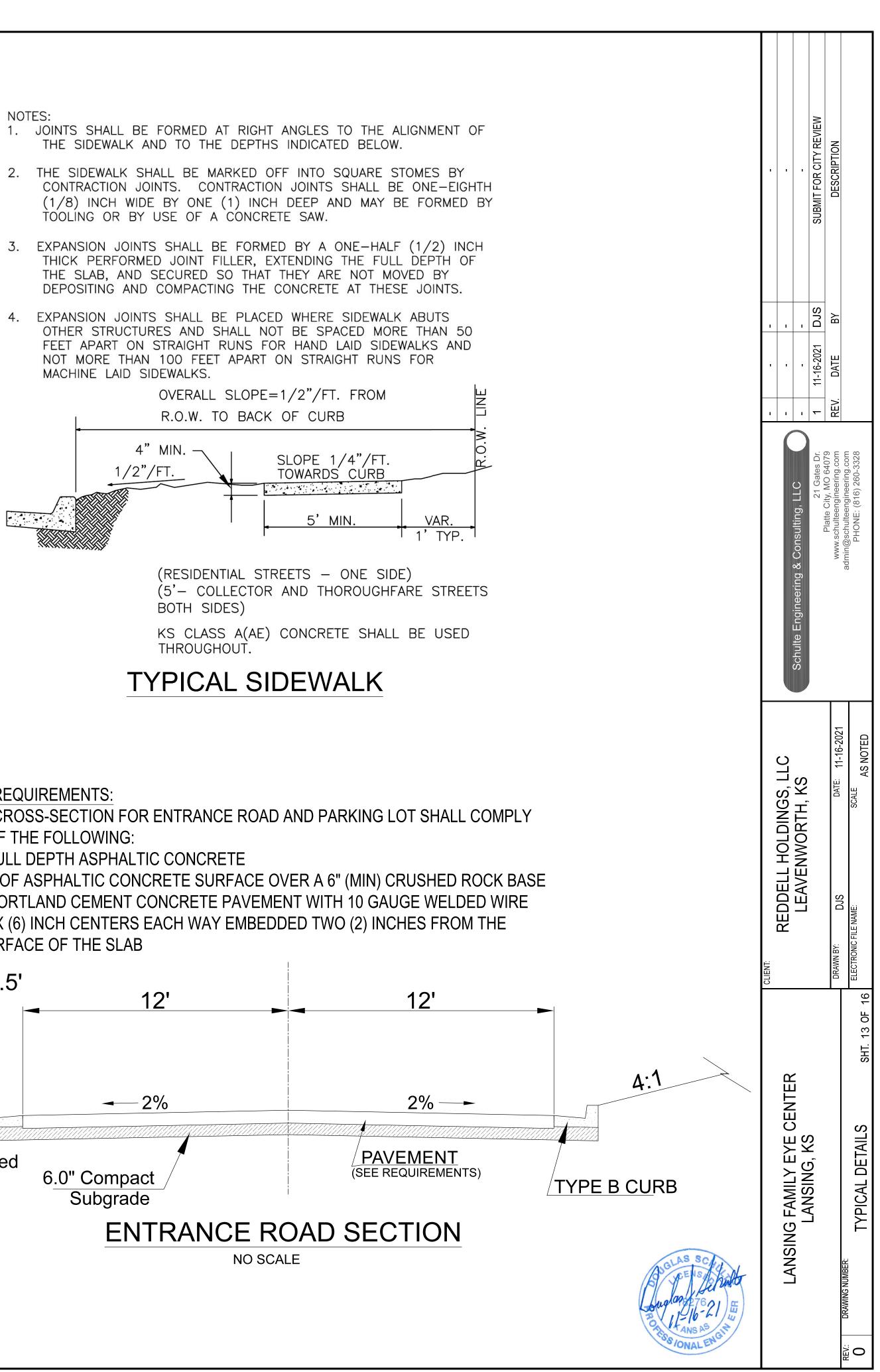
5. CONTRACTION JOINTS MUST ALIGN WITH CONCRETE PAVING JOINTS.

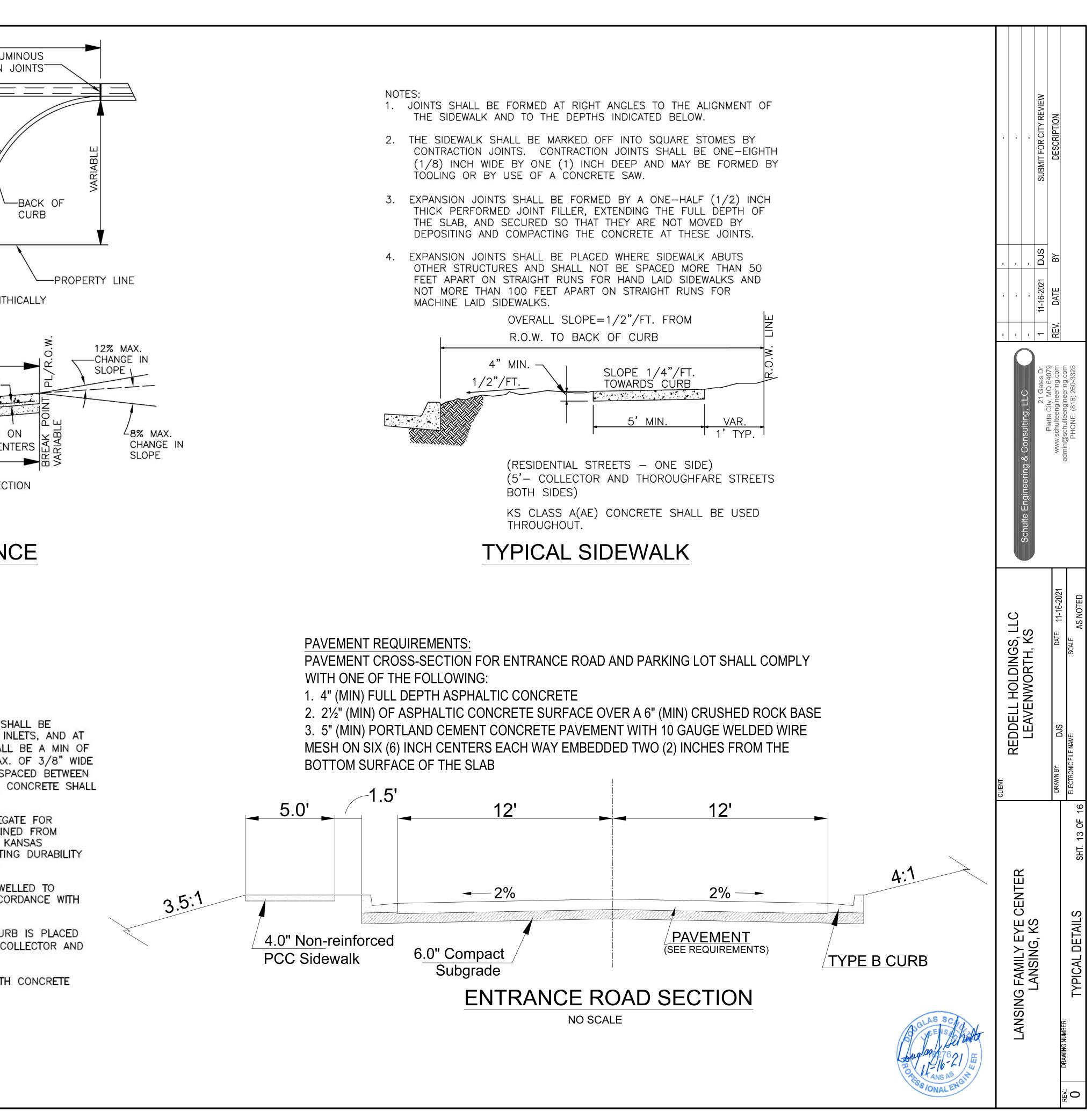
TYPICAL CURB

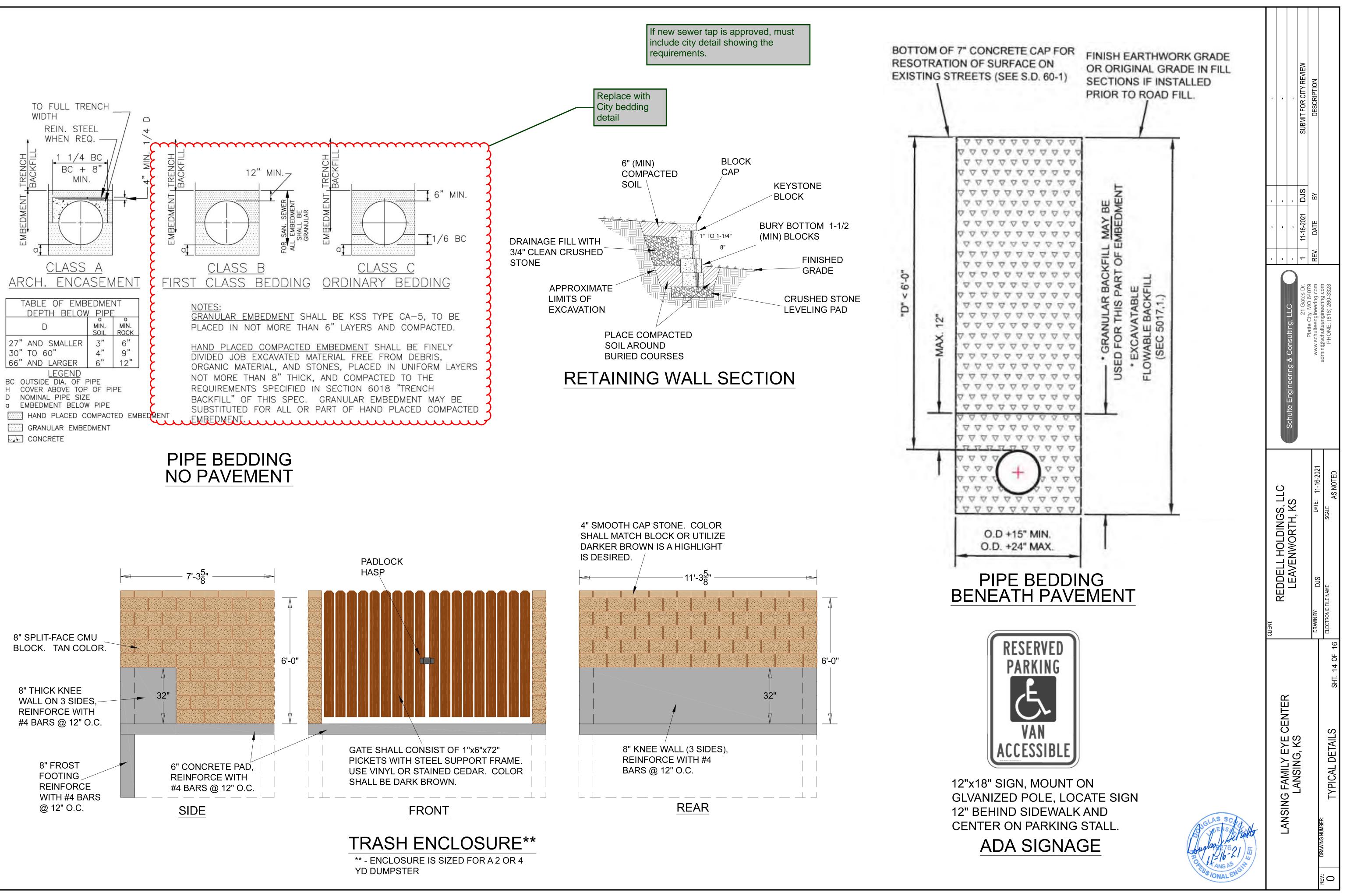
COMMERCIAL ENTRANCE

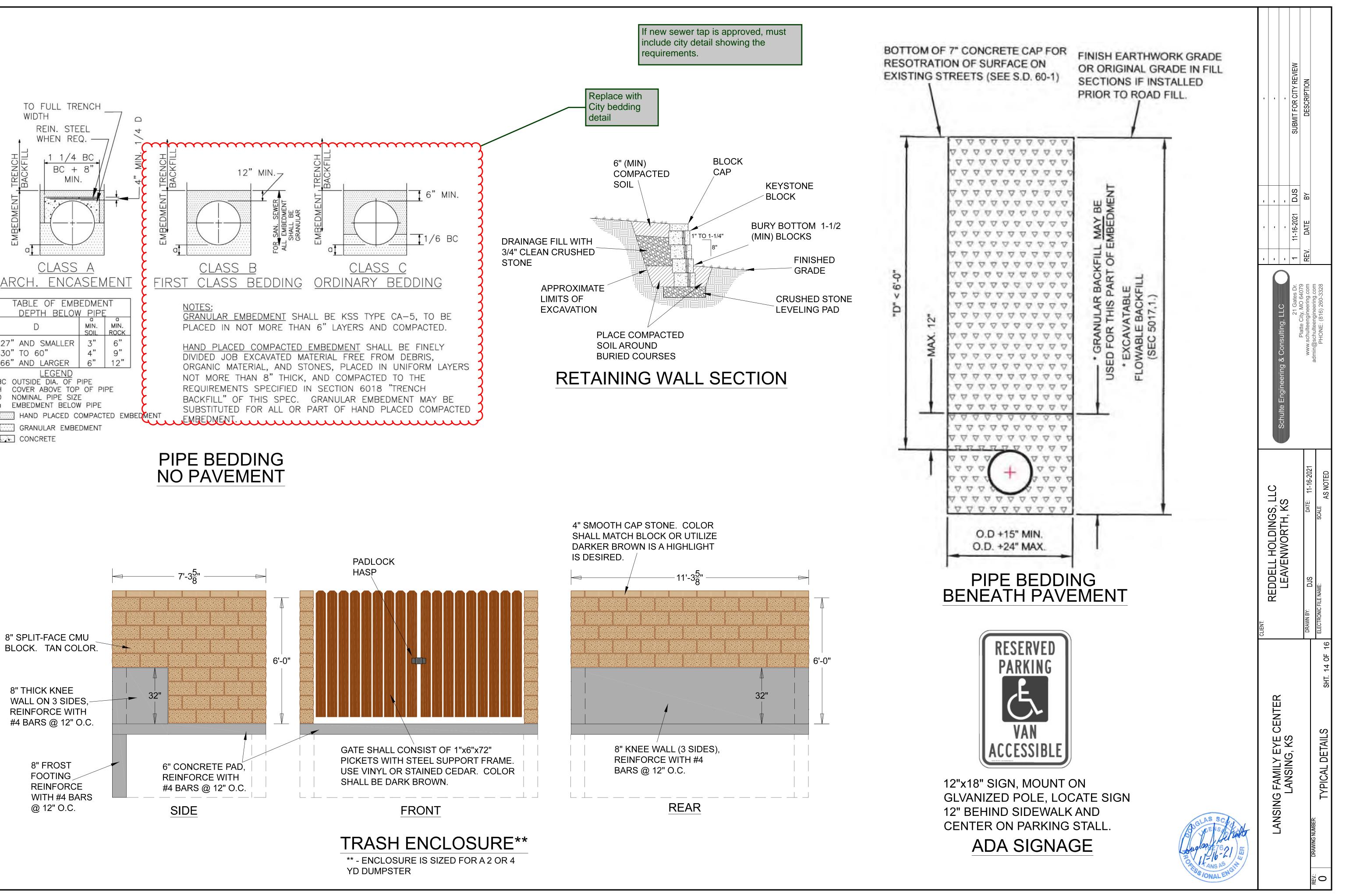


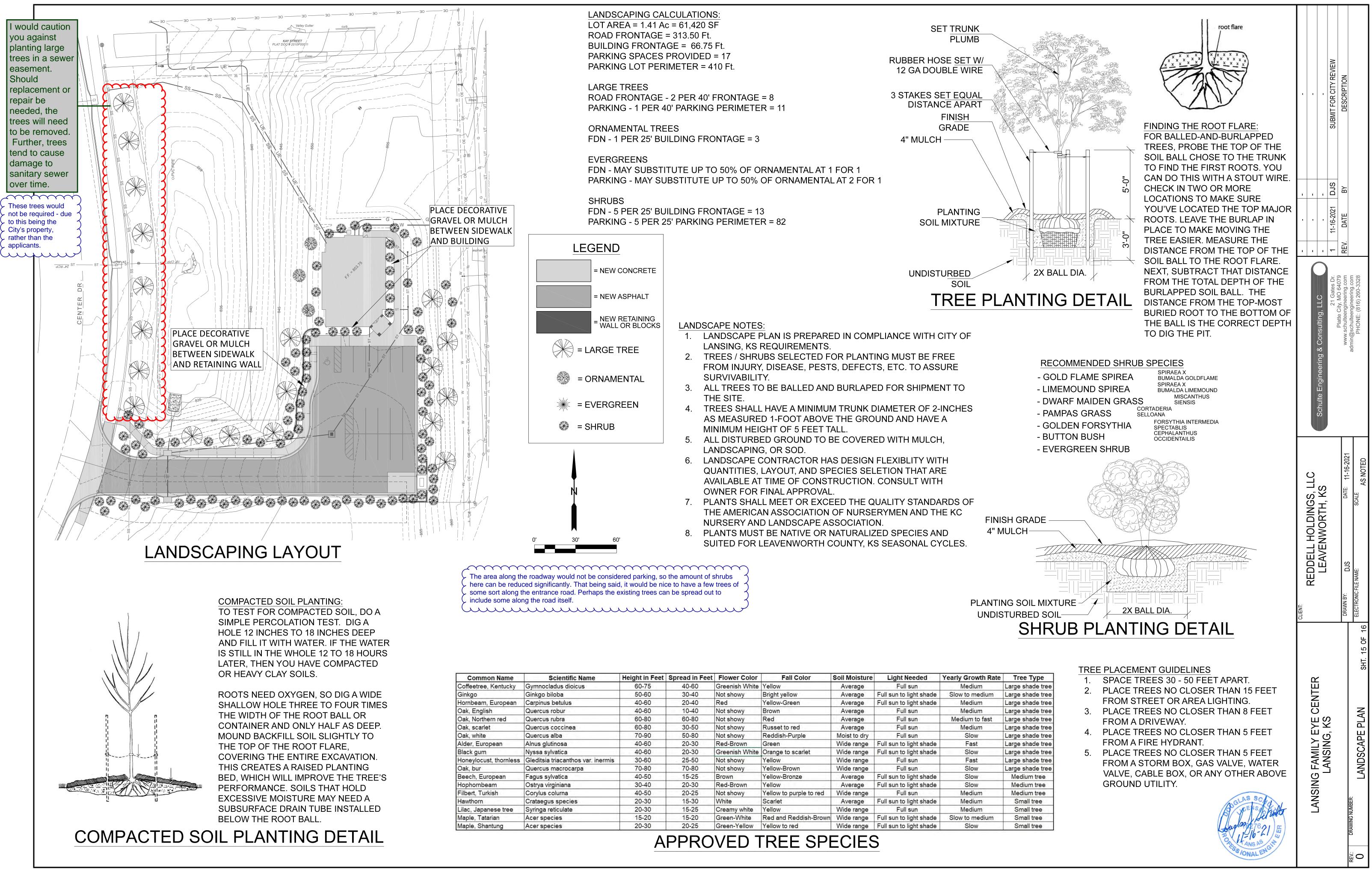
- TOOLING OR BY USE OF A CONCRETE SAW.
- MACHINE LAID SIDEWALKS.



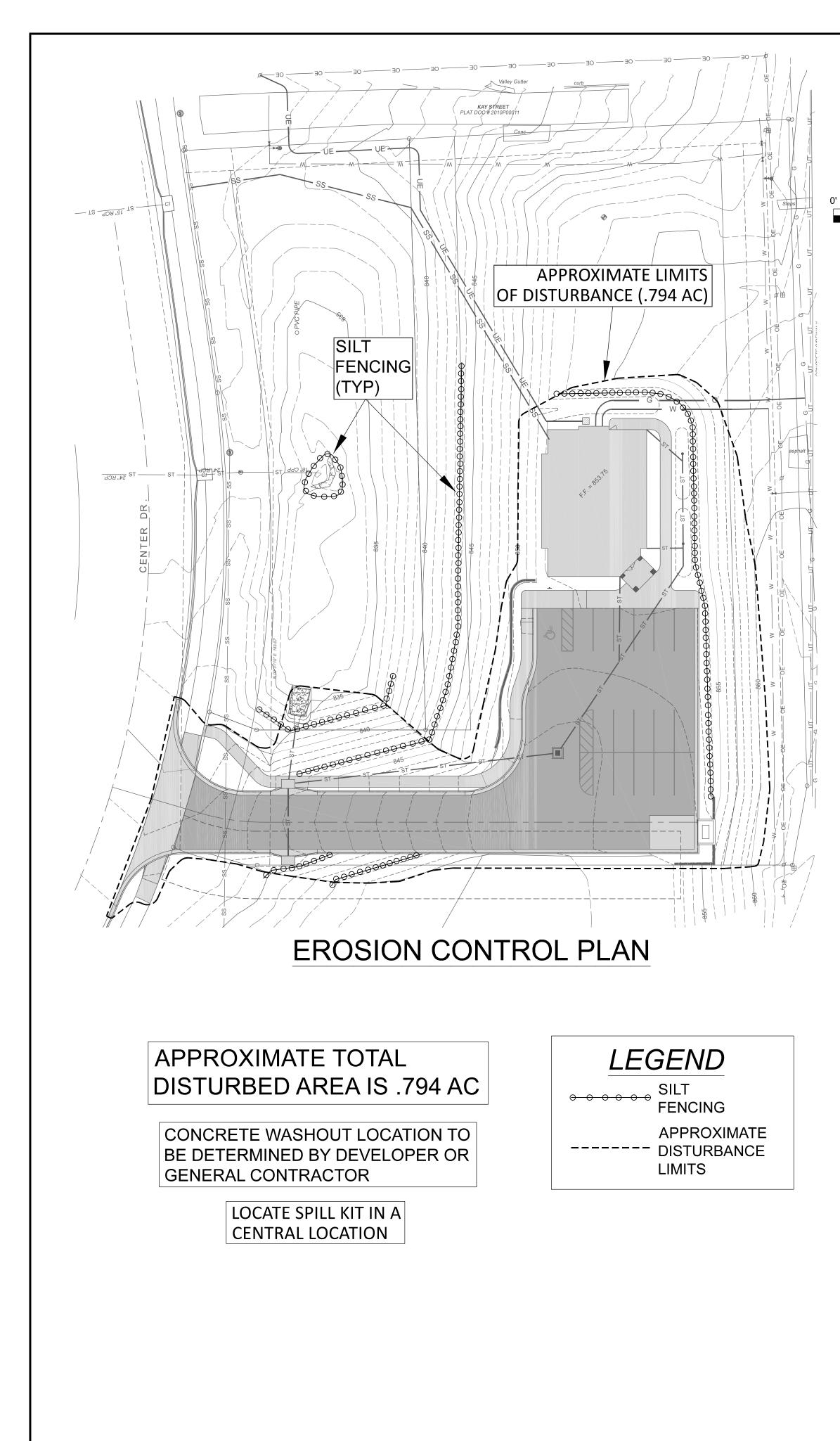


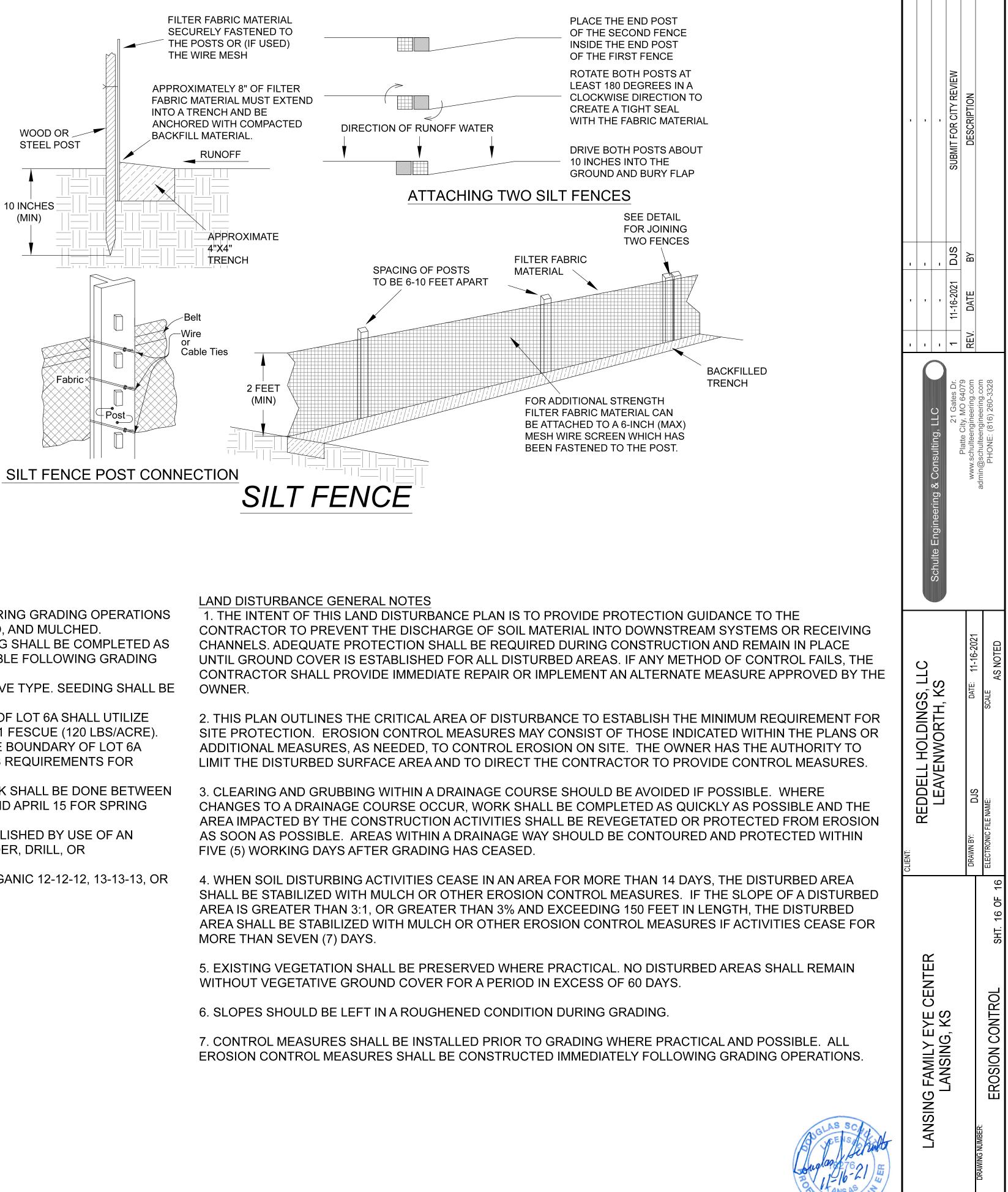






me	Scientific Name	Height in Feet	Spread in Feet	Flower Color	Fall Color	Soil Moisture	Light Needed	Yearly Growth Rate	Tre
ucky	Gymnocladus dioicus	60-75	40-60	Greenish White	Yellow	Average	Full sun	Medium	Large
	Ginkgo biloba	50-60	30-40	Not showy	Bright yellow	Average	Full sun to light shade	Slow to medium	Large
bean	Carpinus betulus	40-60	20-40	Red	Yellow-Green	Average	Full sun to light shade	Medium	Large
	Quercus robur	40-60	10-40	Not showy	Brown	Average	Full sun	Medium	Large
ł	Quercus rubra	60-80	60-80	Not showy	Red	Average	Full sun	Medium to fast	Large
	Quercus coccinea	60-80	30-50	Not showy	Russet to red	Average	Full sun	Medium	Large
	Quercus alba	70-90	50-80	Not showy	Reddish-Purple	Moist to dry	Full sun	Slow	Large
	Alnus glutinosa	40-60	20-30	Red-Brown	Green	Wide range	Full sun to light shade	Fast	Large
1.1	Nyssa sylvatica	40-60	20-30	Greenish White	Orange to scarlet	Wide range	Full sun to light shade	Slow	Large
nless	Gleditsia triacanthos var. inermis	30-60	25-50	Not showy	Yellow	Wide range	Full sun	Fast	Large
	Quercus macrocarpa	70-80	70-80	Not showy	Yellow-Brown	Wide range	Full sun	Slow	Large
1	Fagus sylvatica	40-50	15-25	Brown	Yellow-Bronze	Average	Full sun to light shade	Slow	Mec
	Ostrya virginiana	30-40	20-30	Red-Brown	Yellow	Average	Full sun to light shade	Slow	Mec
	Corylus colurna	40-50	20-25	Not showy	Yellow to purple to red	Wide range	Full sun	Medium	Mec
	Crataegus species	20-30	15-30	White	Scarlet	Average	Full sun to light shade	Medium	Sm
ree	Syringa reticulate	20-30	15-25	Creamy white	Yellow	Wide range	Full sun	Medium	Sm
	Acer species	15-20	15-20	Green-White	Red and Reddish-Brown	Wide range	Full sun to light shade	Slow to medium	Sm
	Acer species	20-30	20-25	Green-Yellow	Yellow to red	Wide range	Full sun to light shade	Slow	Sm





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SEEDING

1. ALL AREAS DISTURBED DURING GRADING OPERATIONS SHALL BE SEEDED, FERTILIZED, AND MULCHED. 2. ALL SEEDING AND MULCHING SHALL BE COMPLETED AS SOON AS PRACTICALLY POSSIBLE FOLLOWING GRADING

OPERATIONS. 3. MULCH SHALL BE VEGETATIVE TYPE. SEEDING SHALL BE AS FOLLOWS:

- OFFSITE: SEEDING OUTSIDE OF LOT 6A SHALL UTILIZE ALTA FESCUE OR KENTUCKY 31 FESCUE (120 LBS/ACRE). - ONSITE: SEEDING WITHIN THE BOUNDARY OF LOT 6A SHALL COMPLY WITH OWNER'S REQUIREMENTS FOR GRASS TYPE.

4. PERMANENT SEEDING WORK SHALL BE DONE BETWEEN THE DATES OF FEBRUARY 1 AND APRIL 15 FOR SPRING PLANTING.

5. SOWING SHALL BE ACCOMPLISHED BY USE OF AN APPROVED MECHANICAL SEEDER, DRILL, OR HYDROSEEDING.

6. FERTILIZER SHALL BE INORGANIC 12-12-12, 13-13-13, OR 10-20-5 GRADE.