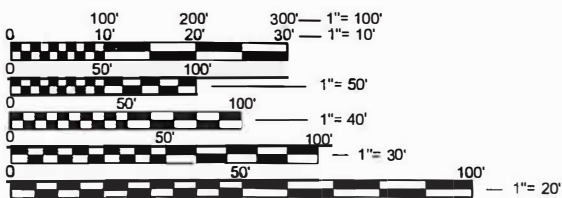


08-01-2025 LETTING ITEM 062

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FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

UTILITY NOTE

THE LOCATION OF EXISTING UTILITIES ARE SHOWN ON THE PLANS FOR INFORMATION ONLY AND REPRESENT TO THE BEST KNOWLEDGE OF THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL UTILITY COMPANIES PRIOR TO THE START OF ANY CONSTRUCTION OPERATIONS.



JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



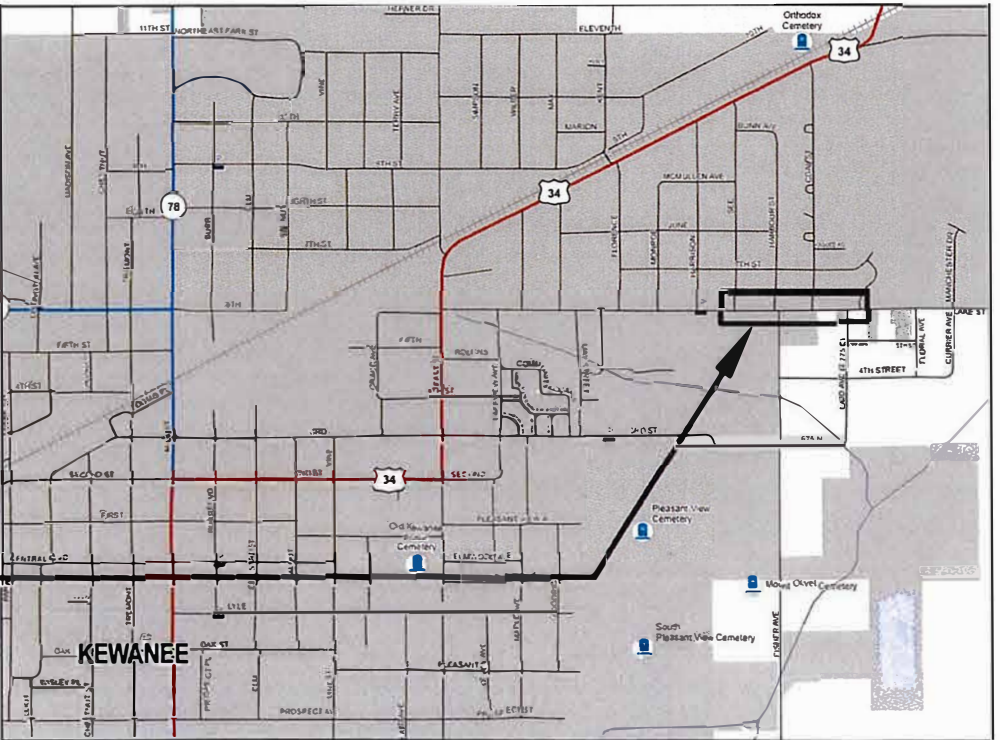
HUTCHISON'S MOLINE OFFICE: (309) 517-3899

HEI PROJECT #6036

PROJECT MANAGER: BRYCE JOHNSON, P.E.
PROJECT ENGINEER: LESLEY EASTLICK
DESIGN ENGINEER: ALEAH PANNELL



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
THE CITY OF KEWANEE
CONSTRUCTION PLANS FOR
FAU 5709 (LAKE ST.) SIDEWALK CONSTRUCTION
SAFE ROUTES TO SCHOOLS PROJECT
SECTION 22-00111-00-SW
PROJECT NO. KKGD(668)
JOB NO. C-92-049-23
CONTRACT NO 85783
HENRY COUNTY



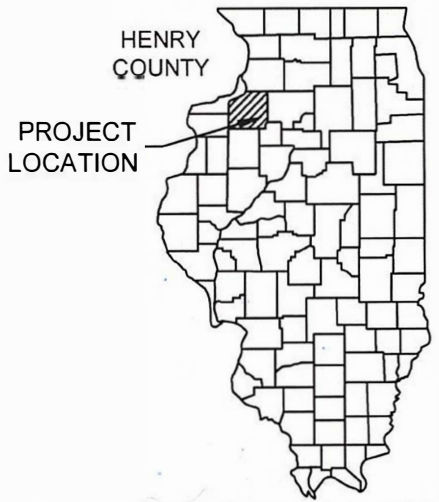
PROJECT LOCATION

LAKE STREET
STA 1+09.41 TO 14+65.00,
SEE ST. TO KEWANEE
PROPERTIES MOBILE
HOMES ENTRANCE

LOCATION MAP

NET LENGTH OF PROJECT = 1355.59 FT = 0.26 MILES
GROSS LENGTH OF PROJECT = 1355.59 FT = 0.26 MILES

PROJECT LOCATION MAP



DESIGN DESIGNATION:
MAJOR COLLECTOR

CITY OF KEWANEE

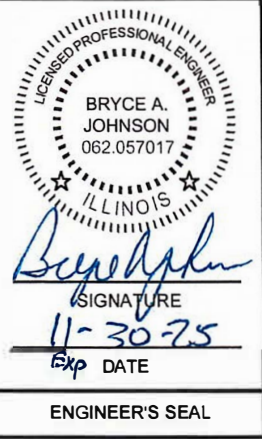
APPROVED May 27 2025
Harry Bradley
CITY MANAGER, CITY OF KEWANEE

PASSED May 28 2025
Shawn [Signature]
DISTRICT 2 ENGINEER OF LOCAL ROADS & STREETS

APPROVED FOR
BID BASED
ON LIMITED
REVIEW 5/28 2025
Julia Thompson
DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS.



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LINETYPE LEGEND

EXISTING	LINETYPE NAME	PROPOSED
	CONTOURS	
	PAVEMENT EDGE	
	RIGHT OF WAY	
	WATER MAIN	
	WATER SERVICE LINE	
	SANITARY SEWER	
	STORM SEWER	
	ELECTRIC	
	GAS	
	CABLE TELEVISION	
	FIBER OPTIC CABLE	
	TELEPHONE LINE	
	AERIAL LINE	

SYMBOL LEGEND

EXISTING	SYMBOL NAME	PROPOSED
	GAS VALVE	-
	WATER VALVE	-
	BUSH	
	DECIDUOUS TREE	
	EVERGREEN TREE	-
	STUMP	-

GENERAL NOTES:

- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING STANDARDS: THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED ON JANUARY 1, 2025 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION.
- ALL PROPERTY PINS DISTURBED DURING CONSTRUCTION SHALL BE RESET BY THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR PER ILLINOIS STATE LAW.
- ANY PROPERTY DAMAGE OR DISTURBANCE TO PRIVATE PROPERTY SHALL REQUIRE THE CONTRACTOR TO RESTORE THE PROPERTY TO ORIGINAL OR BETTER CONDITION AT HIS OWN EXPENSE.
- CONTRACTOR SHALL PROTECT ALL EXISTING SIDEWALK, PAVEMENT, LANDSCAPING, FENCES, RETAINING WALL, AND ANY OTHER ITEMS AND APPURTENANCES THAT ARE NOT MARKED FOR REMOVAL. ANY DAMAGE CAUSED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- ALL UNSUITABLE MATERIAL, CONSTRUCTION DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS, AND EXISTING PAVEMENT, SIDEWALKS AND DRIVEWAY PAVEMENT SCHEDULED FOR REMOVAL SHALL BE PROPERLY DISPOSED OF OFF-SITE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL GUIDELINES.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE WASTE AREAS OR DISPOSAL SITES FOR EXCESS OR UNDESIRABLE MATERIAL WHICH IS NOT TO BE INCORPORATED IN THE WORK INVOLVED IN THIS PROJECT. NO PAYMENT FOR OVERHAUL WILL BE ALLOWED FOR MATERIAL HAULED TO THESE SITES.
- ALL OPEN EXCAVATIONS SHALL BE PROTECTED.
- THE REMOVAL, STORAGE, AND REINSTALLATION OF EXISTING SIGNS AND FENCING WITHIN THE CONSTRUCTION LIMITS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL PLAN QUANTITIES PRIOR TO CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE ENCOUNTERED BETWEEN THE PLANS AND SPECIFICATIONS AND THE EXISTING FIELD CONDITIONS.
- CONTRACTOR WILL BE RESPONSIBLE FOR CONSTRUCTION LAYOUT. ELECTRONIC FILES IN AUTODESK CIVIL3D FORMAT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD FOR CONSTRUCTION LAYOUT PURPOSES.

STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALK
442201-03	CLASS C AND D PATCHES
602011-02	CATCH BASIN TYPE C
604036-03	GRATE TYPE 8
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPE A AND B METAL POSTS
780001-05	TYPICAL PAVEMENT MARKING



DESIGNED	LAE	DATE--	3/31/25
DRAWN	AJP		
CHECKED	BAJ		
PROJECT #:	5035		

LAKE STREET
SIDEWALK



GENERAL NOTES & LEGENDS (1 OF 2)

SHEET
2 OF 33

GENERAL NOTES (CONT.)

UTITILTY NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE AGENCIES AND UTILITIES AT LEAST 10 (TEN) DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES AS REGARDS TO THEIR FACILITIES.
2. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL J.U.L.I.E. AT 1-800-892-0123 or 811 FOR FIELD LOCATIONS OF ALL PUBLIC UTILITIES. A 48 HOUR NOTIFICATION IS REQUIRED.
3. EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE AND ARE APPROXIMATE ONLY. THE UTILITIES ARE LOCATED FROM THE BEST AVAILABLE INFORMATION, BUT MAY BE SHOWN INACCURATELY OR NOT AT ALL. IT IS POSSIBLE THAT THERE ARE OTHER UTILITIES OR UTILITY SERVICES THE PRESENCE OF WHICH ARE UNKNOWN OR NOT SHOWN.
4. THE CONTRACTOR SHALL EXCAVATE POINTS OF POSSIBLE CONFLICTS TO VERIFY IN THE FIELD ALL TYPES, SIZES AND LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE ENCOUNTERED BETWEEN THE PLANS AND SPECIFICATIONS AND THE EXISTING FIELD CONDITIONS. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
5. THE CONTRACTOR SHALL USE ALL NECESSARY MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES THAT MUST BE KEPT IN OPERATION. CONTRACTOR SHALL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY THE CONTRACTOR'S WORK SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL EXISTING UTILITIES AND PAVED STREETS, INCLUDING ANY NOT SHOWN ON THESE DRAWINGS. ANY DAMAGE TO EXISTING UTILITIES CAUSED DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. MINOR CONFLICT WITH UNDERGROUND UTILITIES THAT ARE ABANDONED BUT NOT REMOVED BY THE UTILITY COMPANY SHALL BE REMOVED AS NECESSARY FOR THE CONSTRUCTION OF THE PROJECT BY THE CONTRACTOR. REMOVAL SHALL BE INCIDENTAL TO THE JOB AND SHALL NOT ENTITLE THE CONTRACTOR TO ANY EXTRA COMPENSATION.
7. THE CITY AND UTILITY COMPANIES SHALL HAVE ACCESS TO THE PROJECT FOR CONSTRUCTION AND TO MAKE EXTENSIONS OF ADJUSTMENTS OF SERVICES. NO CLAIM FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.
8. WHEN TRENCHING FOR UNDERGROUND UTILITIES CONTRACTOR MAY ENCOUNTER LARGE ROCK, RIPRAP AND OTHER MISC. FILL MATERIAL. NO ADDITIONAL COMPENSATION WILL BE MADE FOR THIS WORK AND IT SHOULD BE INCLUDED IN THE APPROPRIATE UTILITY BID ITEM.
9. PUMPING GROUND WATER AND/OR STORM WATER FROM OPEN TRENCHES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
10. TRENCH BACKFILL SHALL BE USED IN ENTIRE TRENCH FOR PIPES UNDER PAVEMENT AND WITHIN 2' FROM THE EDGE OF PROPOSED PAVEMENT.
11. CONTRACTOR SHALL VERIFY EXISTING STORM SEWER LOCATION, SIZES AND INVERTS PRIOR TO ORDERING PRECAST MANHOLES AND INLET STRUCTURES.
12. ALL SEWERS ARE TO BE CONSTRUCTED USING A LASER INSTRUMENT TO MAINTAIN LINE AND GRADE. STORM SEWER SYSTEM SHALL BE THOROUGHLY CLEANED UPON COMPLETION OF CONSTRUCTION ACTIVITIES.
13. ADJUSTMENT OF EXISTING WATER VALVES TO FINAL GRADE SHALL BE INCIDENTAL TO THE CONTRACT.

PAVING NOTES:

1. FINISH GRADES SHOWN ARE TO FLOW LINE OF GUTTER OR TOP OF CURB, PAVEMENT, SIDEWALK OR TOPSOIL UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS AND RADIUS MEASUREMENTS ARE TO THE BACK OF THE CURB UNLESS OTHERWISE SPECIFIED.
3. COMPACTION OF SUBGRADE BENEATH PAVEMENTS SHALL BE INCIDENTAL TO AGGREGATE BASE COURSE CONSTRUCTION.
4. MATERIALS AND CONSTRUCTION FOR PORTLAND CEMENT CONCRETE PAVEMENTS SHALL MEET THE REQUIREMENT OF THE IDOT STANDARD SPECIFICATIONS. MIX DESIGN SHALL BE SUBMITTED TO ENGINEER 2 WEEKS PRIOR TO PAVING.
5. SIDEWALKS SHALL BE 4" PCC EXCEPT AS FOLLOWS:

A. WITHIN DRIVEWAY LOCATIONS SIDEWALK THICKNESS SHALL MATCH THE PCC DRIVEWAY THICKNESS (PAID AS PCC DRIVEWAY PAVEMENT).

B. CURB RAMPS SHALL BE 6" THICK AS NOTED ON ADA DETAILS.
6. THE PROPOSED CROSS SLOPE OF ALL SIDEWALKS SHALL NOT EXCEED A 2.00% GRADE.
7. PCC SIDEWALK PAVEMENT SHALL HAVE A TYPE B FINAL FINISH AND A MAXIMUM JOINT SPACING OF 5 FEET.
8. WHEN NOT INITIATED AT AN EXISTING JOINT, REMOVAL OF EXISTING CONCRETE PAVEMENT, ASPHALT OR CONCRETE DRIVES AND SIDEWALKS SHALL BE INITIATED WITH FULL DEPTH SAW CUTS, EXERCISING EXTREME CARE TO AVOID SURFACE BREAKS AND SPALLING. IF SURFACE BREAKS OR SPALLING OCCUR, ADDITIONAL REMOVAL AND REPLACEMENT SHALL BE MADE AT THE CONTRACTORS EXPENSE. THE COST OF SAW CUTS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF CONSTRUCTION.
9. TO OBTAIN THE CORRECT GRADES AT LOW POINTS WHERE INTAKES ARE LOCATED, THE CONTRACTOR SHALL EXERCISE EXTREME CARE. THIS MAY REQUIRE FORMS AND HAND WORK OR OTHER METHODS APPROVED BY THE ENGINEER.
10. SPECIAL CARE SHALL BE TAKEN WHEN FORMING AT INTERSECTIONS SO THAT THE PROFILES AND GRADES OBTAINED ARE AS SHOWN ON THE PLANS AND GRADE SHEETS. SHORT LENGTHS OF FORMS OR FLEXIBLE FORMS MAY BE NECESSARY AT THESE LOCATIONS.
11. ALL GUTTER OUTLETS SHALL BE EXTENDED TO DITCH FLOW AS DIRECTED BY THE ENGINEER.
12. ALL PAVEMENT SHALL BE REPLACED ONLY TO THE LIMITS SHOWN. NO PAYMENT WILL BE MADE FOR EXTENDED AREAS OF PAVEMENT REPLACEMENT WITHOUT PRIOR APPROVAL BY THE CITY.
13. ALL PAVEMENT JOINTS SHALL BE SEALED IN ACCORDANCE WITH THE CONTRACT STANDARD DETAILS AND SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
14. ALL HONEYCOMBING AND/OR POROUS AREAS IN BACK OF CURB WILL BE CORRECTED AS DIRECTED BY THE ENGINEER. NO WATER MAY BE ADDED AT JOBSITE TO EXCEED THE DESIGN SLUMP.
15. ALL TIE BARS, DOWEL BARS AND REINFORCING STEEL SHALL BE EPOXY COATED.
16. SOME INCIDENTAL ASPHALT MAY BE NEEDED BETWEEN NEW PCC DRIVES AND PATCHES AND EXISTING SEALCOAT SURFACES. THIS IS DEPENDENT UPON CONTRACTOR'S METHOD OF CONSTRUCTION AND SHALL BE INCIDENTAL TO THE PAVING ITEMS BEING PERFORMED.
17. SAWCUT EXISTING PAVEMENT TO PROVIDE A CLEAN EDGE FOR CONSTRUCTION OF ADJACENT PAVEMENTS AND PATCHING. SAWCUTTING SHALL BE COMPLETED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 442 OF THE STANDARD SPECIFICATIONS AND SHALL BE INCIDENTAL TO THE ASSOCIATED PAVEMENT ITEMS.

GRADING AND DRAINAGE NOTES:

1. PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREAS. DO NOT ALLOW WATER TO DRAIN OR TO POND ONTO PRIVATE PROPERTY.
2. THE CONTRACTOR SHALL BACKFILL AND FINISH GRADE BACK OF CURB WITH SOIL SUITABLE FOR SEEDING, FERTILIZING, AND MULCHING. THE AREA BACK OF CURB SHALL BE GRADED FOR PROPER DRAINAGE.
3. CARE SHALL BE TAKEN TO PREVENT STORM WATER FROM UNDERMINING THE PAVEMENT DURING CONSTRUCTION. IF AREAS BECOME UNDERMINED, THEY SHALL BE REPAIRED IN A MANNER ACCEPTABLE TO THE ENGINEER. PRESSURE GROUTING MAY BE REQUIRED.
4. SEE CROSS SECTIONS FOR SPECIAL DITCHES, FORESLOPES AND BACKSLOPES.

SEEDING AND EROSION CONTROL NOTES:

1. PROJECT IS LESS THAN 1 ACRE OF DISTURBANCE, THEREFORE AN NPDES GENERAL PERMIT ILR10 FOR CONSTRUCTION ACTIVITIES IS NOT REQUIRED. ALTHOUGH A PERMIT IS NOT SPECIFICALLY REQUIRED, CONTRACT SHALL PROVIDE, MONITOR, INSPECT AND MAINTAIN SITE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES AT ALL TIME.
2. CONTRACTOR SHALL ADHERE TO ALL CITY EROSION AND SEDIMENT CONTROL REGULATIONS, ILLINOIS URBAN MANUAL, AND ALL IEPA RULES AND REGULATIONS.
3. ALL APPLICABLE EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY EARTH DISTURBING OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED UNTIL VEGETATION IS ESTABLISHED.
4. LOCATION OF EROSION AND SEDIMENT CONTROL DEVICES ON PLANS IS APPROXIMATE. ACTUAL PLACEMENT TO BE DETERMINED BY CONTRACTOR DURING PROGRESSION OF CONSTRUCTION ACTIVITIES.
5. CONTRACTOR SHALL PREVENT OFF-SITE TRACKING OF SEDIMENT. ANY SEDIMENT DEPOSITED ON PUBLIC ROADWAYS SHALL BE REMOVED BY THE END OF THE SAME BUSINESS DAY OR BY THE END OF THE NEXT BUSINESS DAY IF THE TRACK-OUT OCCURS ON A NON-BUSINESS DAY. ANY DAMAGE DONE TO EXISTING STREETS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
6. ALL DISTURBED AREAS SHALL BE COVERED WITH TOP SOIL, FINE GRADED, SEEDED AND FERTILIZED.
7. IF NO ACTIVITY OCCURS OR IS ANTICIPATED FOR 14 DAYS, AREA SHALL BE STABILIZED IMMEDIATELY.
8. EROSION CONTROL FEATURES SHALL BE INCORPORATED INTO THE CONSTRUCTION AT THE EARLIEST POSSIBLE TIME TO LIMIT EROSION AND STREAM POLLUTION AND SHALL BE MAINTAINED UNTIL ACCEPTANCE OF THE PROJECT BY THE CITY.
9. EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL DISTURBED SLOPES 4:1 AND GREATER.
10. THE CONTRACTOR SHALL PREVENT SILT AND DEBRIS FROM ENTERING STORM AND SANITARY SEWERS AND SHALL BE RESPONSIBLE FOR CLEANING AND REMOVAL OF ANY SUCH MATERIAL THAT ENTERS THE SEWERS AT THE CONTRACTOR'S EXPENSE.

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DESIGNED	LAE	DATE--	3/31/25
DRAWN	AJP		
CHECKED	BAJ		
PROJECT #:	5035		

LAKE STREET
SIDEWALK



GENERAL NOTES & LEGENDS (2 OF 2)

SHEET
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Z:\5035 - Lake Street Sidewalk - (Kewanee)\CADD\CADD Sheets Phase 2\5035-Summary of Quantities.dwg

SUMMARY OF QUANTITIES				CONSTR. CODE
				SRTS
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	SAFETY
				0021
				URBAN
20200100	EARTH EXCAVATION	CU YD	211	211
20400800	FURNISHED EXCAVATION	CU YD	91	91
28000400	PERIMETER EROSION BARRIER	FOOT	221	221
28000500	INLET AND PIPE PROTECTION	EACH	10	10
28100205	STONE RIPRAP, CLASS A3	TON	5	5
35100100	AGGREGATE BASE COURSE, TYPE A	TON	488	488
40600290	BITUMINOUS MATERIALS TACK COAT	POUND	150	150
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	147	147
42000200	PORTLAND CEMENT CONCRETE PAVEMENT 7"	SQ YD	374	374
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SQ YD	256	256
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4"	SQ FT	5896	5896
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6"	SQ FT	493	493
42400800	DETECTABLE WARNINGS	SQ FT	130	130
44000100	PAVEMENT REMOVAL	SQ YD	1029	1029
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	126	126
44000600	SIDEWALK REMOVAL	SQ FT	133	133
50901760	PIPE HANDRAIL	FOOT	14	14

SUMMARY OF QUANTITIES				CONSTR. CODE
				SRTS
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	SAFETY
				0021
				URBAN
54262708	METAL FLARED END SECTIONS, 8"	EACH	1	1
54262712	METAL FLARED END SECTIONS, 12"	EACH	1	1
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	5	5
X6020082	INLETS, TYPE G-1	EACH	10	10
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	964	964
61139900	STORM SEWERS (SPECIAL), 6"	FOOT	57	57
61140000	STORM SEWERS (SPECIAL), 8"	FOOT	654	654
61140200	STORM SEWERS (SPECIAL), 12"	FOOT	401	401
67100100	MOBILIZATION	L SUM	1	1
* 78001130	PAINT PAVEMENT MARKINGS, 6"	FOOT	52	52
* X1400175	SOLAR-POWERED FLASHING BEACON ASSEMBLY (DUAL-ALTERNATING)	EACH	2	2
X2500900	SEEDING, CLASS 1 (SPECIAL)	ACRE	0.45	0.45
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
XZ054505	ROCK FILL (SPECIAL)	TON	300	300
Z0012450	CONCRETE STEPS	CU YD	2	2
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1

* SPECIALTY ITEM



DESIGNED LAE DATE-- 3/31/25
DRAWN AJP
CHECKED BAJ
PROJECT #: 5035

LAKE STREET
SIDEWALK



SUMMARY OF QUANTITIES (1 OF 1)

SHEET
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EARTHWORK SCHEDULE					
LOCATION	EARTH EXCAVATION (CUT)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE ⁽¹⁾	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) SHORAGE (-)	FURNISHED EXCAVATION
	CU YD	CU YD	CU YD	CU YD	CU YD
STA 01+10 TO STA 14+65	211	158	249	-91	91
TOTAL	211	158	249	-91	91
NOTES: 1. ADJUSTED FOR SHRINKAGE FACTOR OF 25% 2. NO ADJUSTMENTS FOR TOPSOIL ARE INCLUDED. 3. NO PAYMENT WILL BE ALLOWED FOR OVERHAUL					

ROCK FILL (SPECIAL)		
LOCATION	SIDE	ROCK FILL (SPECIAL)
STATION	LT/RT	TON
13+16.0	LT	300
TOTAL		300

SEEDING, CLASS 1 (SPECIAL)			
LOCATION			AREA
STATION	TO	STATION	ACRE
1+16.52	TO	1+78.25	0.03
1+95.84	TO	5+76.15	0.13
5+96.25	TO	9+36.88	0.12
9+60.69	TO	14+18.87	0.15
14+46.50	TO	14+65.00	0.02
TOTAL			0.45

SOLAR-POWERED FLASHING BEACON ASSEMBLY			
LOCATION			EACH
STATION	OFFSET	SIDE	
1+41.5	30.11	RT	1
1+51.8	2.9	LT	1
TOTAL			2

CONCRETE STEPS			
LOCATION	SIDE	CONCRETE STEPS	PIPE HANDRAIL
STATION	LT/RT	CU YD	FOOT
6+37.8	LT	2	14
TOTAL		2	14

PAINT PAVEMENT MARKING - LINE 6"		
LOCATION	SIDE	PAINT PAVEMENT MARKING - LINE 6"
STATION	LT/RT	FOOT
1+43.2	RT	26
1+49.7	RT	26
TOTAL		52

DRIVEWAY PAVEMENT REMOVAL		
LOCATION		DRIVEWAY PAVEMENT REMOVAL
STATION	SIDE	SQ YD
3+85.9	LT	30.0
4+08.2	LT	14.3
6+64.7	LT	33.6
7+13.6	RT	41.0
8+31.9	LT	6.6
TOTAL		125.5
USE		126

PCC SIDEWALK						
LOCATION				PCC SIDEWALK, 4"	PCC SIDEWALK, 6"	DETECTABLE WARNINGS
STATION	TO	STATION	SIDE	SQ FT	SQ FT	SQ FT
LAKE STREET						
1+43.35	TO	1+71.0	RT	168	35	12
1+43.46	TO	1+71.0	LT	121	99	29
2+05.1	TO	5+73.2	LT	1880	118	27
5+99.9	TO	9+31.9	LT	1511	98	26
9+65.7	TO	14+15.1	LT	2178	104	26
14+51.1	TO	14+80.0	LT	38	39	10
TOTAL				5896	493	130

- NOTES:
- ADA CURB SHALL BE PAID AS PCC SIDEWALK AND CURB AREA SHALL BE INCLUDED IN ADJACENT PCC SIDEWALK QUANTITY, REGARDLESS OF THICKNESS.

PCC DRIVEWAY PAVEMENT			
LOCATION			PCC DRIVEWAY PAVEMENT, 6"
STATION	SIDE	WIDTH	SQ YD
LAKE STREET			
3+96.0	LT	13.4	29.7
4+19.8	LT	11.0	12.7
6+73.2	LT	10.7	38.4
7+23.7	LT	9.8	43.4
7+75.9	LT	9.5	32.1
8+38.1	LT	12.1	20.6
10+35.0	LT	18.8	22.5
11+36.9	LT	13.0	25.6
12+36.9	LT	20.6	30.9
TOTAL			255.7
USE			256

PAVEMENT REMOVAL			
LOCATION			SQ YD
STATION	TO	STATION	
LAKE STREET			
1+09.4	TO	14+70.8	1029
TOTAL			1029

SIDEWALK REMOVAL				
LOCATION				SQ FT
STATION	TO	STATION	SIDE	
1+34.0	TO	1+59.3	RT	132.7
TOTAL				132.7
USE				133

INTERSECTION PAVEMENT SECTION				
LOCATION			PCC PAVEMENT, 7"	AGGREGATE BASE COURSE, TYPE A
STATION	TO	STATION	SQ YD	TONS
SEE STREET				
1+49.5	TO	2+26.9	98	32
HARBOUR STREET				
5+54.4	TO	6+17.8	82	27
COAL STREET				
9+14.9	TO	9+82.7	89	29
MOBILE HOME ENTRANCE				
13+95.2	TO	14+70.9	106	35
TOTAL			374	123

HMA PATCHING SECTION					
LOCATION			HMA, SC, IL9.5, MIX D, N50	BITUMINOUS MATERIALS TACK COAT	AGGREGATE BASE COURSE, TYPE A
STATION	TO	STATION	TON	POUND	TONS
1+09.4	TO	1+74.4	7	8	17
1+38.5	TO	14+70.8	133	134	315
1+77.0	TO	1+97.3	6	6	13
5+86.7	TO	5+96.1	2	2	4
TOTAL			147	150	331

COMBINATION CONCRETE CURB & GUTTER					
LOCATION				CURB & GUTTER, B-6.12	AGG BASE COURSE, TYPE A
STATION	TO	STATION	SIDE	FOOT	TON
1+09.5	TO	1+73.9	RT	64.4	2.3
1+38.5	TO	1+49.5	LT	11.0	0.4
2+24.7	TO	2+60.9	LT	36.2	1.3
2+73.9	TO	4+01.7	LT	127.8	4.5
4+14.7	TO	4+93.5	LT	78.8	2.8
5+06.5	TO	5+54.4	LT	47.9	1.7
6+17.8	TO	6+42.4	LT	24.6	0.9
6+55.4	TO	8+09.2	LT	153.8	5.4
8+22.2	TO	8+96.7	LT	74.5	2.6
9+09.7	TO	9+14.9	LT	5.2	0.2
9+81.7	TO	10+00.5	LT	18.8	0.7
10+13.5	TO	10+25.2	LT	11.7	0.4
10+47.5	TO	11+14.3	LT	66.8	2.3
11+27.3	TO	11+88.4	LT	61.1	2.1
12+01.4	TO	12+76.0	LT	74.6	2.6
12+89.0	TO	13+95.2	LT	106.2	3.7
TOTAL				963.4	33.7
USE				964	34



DESIGNED LAE DATE-- 3/31/25
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CHECKED BAJ
PROJECT #: 5035

LAKE STREET
SIDEWALK



SCHEDULE OF QUANTITIES

SHEET
5 OF 33

Z:\5035 - Lake Street Sidewalk - (Kewanee)\CADD\CADD Sheets Phase 2\5035 - P&P-UTILITIES.dwg

STORM SEWERS (SPECIAL)						
LOCATION				6"	8"	12"
STATION	TO	STATION	SIDE	FT	FT	FT
1+34.9	TO	2+67.4	LT		133	
2+67.4	TO	2+67.42	LT			19
4+08.2	TO	2+67.44	LT			141
4+08.4	TO	4+08.17	LT		14	
5+00.0	TO	4+08.17	LT			92
6+48.9	TO	5+00.00	LT			149
8+16.7	TO	9+03.17	LT		86	
9+03.2	TO	10+07.01	LT		104	
10+07.0	TO	11+20.53	LT		114	
10+93.8	TO	11+20.60	LT	27		
11+20.5	TO	11+94.87	LT		74	
11+20.6	TO	11+20.53	LT	15		
11+86.1	TO	11+94.87	LT	15		
11+94.9	TO	12+82.46	LT		88	
12+82.5	TO	13+20.04	LT		41	
TOTAL				57	654	401

PERIMETER EROSION BARRIER				
LOCATION				PERIMETER EROSION BARRIER
STATION	TO	STATION	SIDE	FOOT
1+64.9	TO	1+78.3	lt	13.4
1+95.8	TO	2+15.1	LT	19.2
2+15.0	TO	3+89.3	LT	36.2
12+98.3	TO	14+18.9	LT	120.6
14+46.5	TO	14+77.7	LT	32.0
TOTAL				221.4

METAL FLARED END SECTIONS				
LOCATION			8"	12"
STATION	OFFSET	SIDE	EACH	EACH
13+20.0	16.481	LT	1	
2+67.4	20.163	LT		1
TOTAL			1	1

INLET AND PIPE PROTECTION			
LOCATION			
STATION	OFFSET	SIDE	EACH
8+16.7	0.993	LT	1
9+03.2	0.989	LT	1
6+48.9	1	LT	1
10+07.0	0.998	LT	1
11+20.5	0.998	LT	1
12+82.5	0.979	LT	1
11+94.9	0.998	LT	1
5+00.0	1	LT	1
4+08.2	0.961	LT	1
2+67.4	0.961	LT	1
TOTAL			10

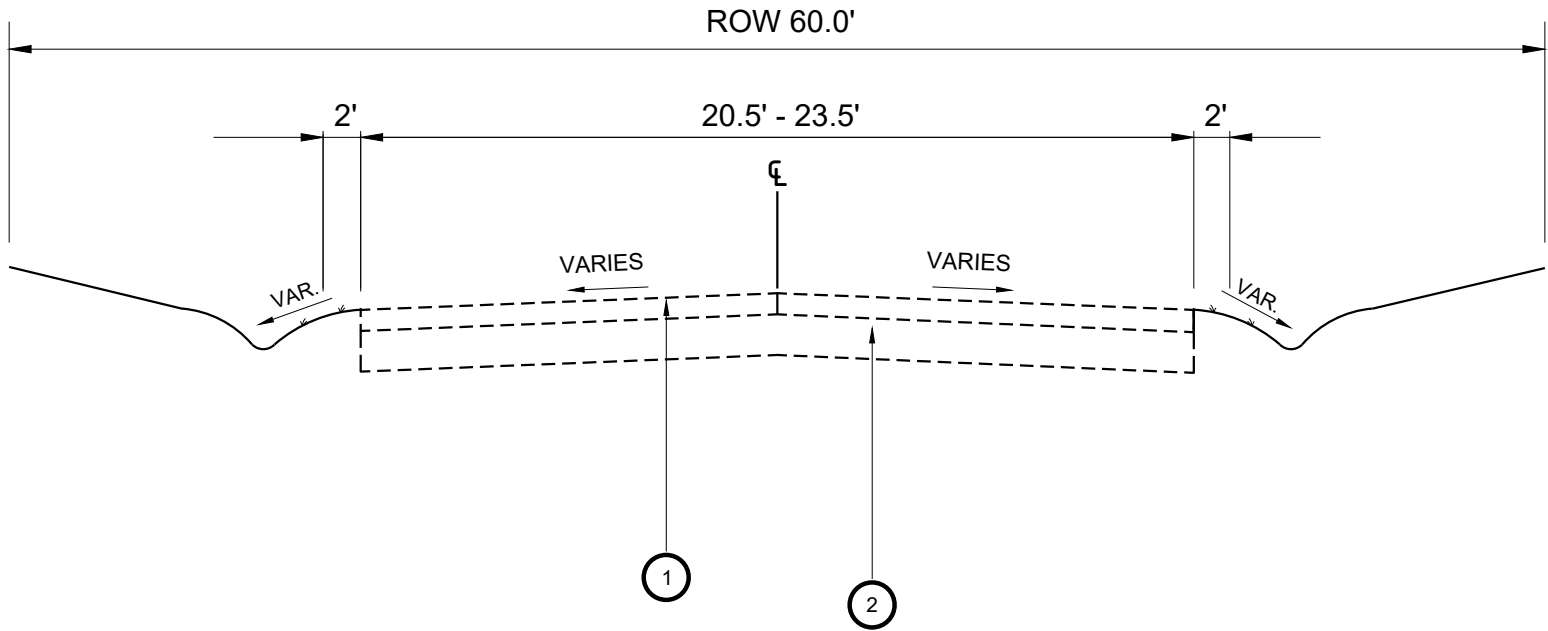
STONE RIPRAP, CLASS A3			
LOCATION			TON
STATION	OFFSET	SIDE	
13+20.0	16.481	LT	5
TOTAL			5
USE			5

INLETS			
LOCATION			EACH
STATION	OFFSET	SIDE	
8+16.7	1.0	LT	1
9+03.2	1.0	LT	1
6+48.9	1.0	LT	1
10+07.0	1.0	LT	1
11+20.5	1.0	LT	1
12+82.5	1.0	LT	1
11+94.9	1.0	LT	1
5+00.0	1.0	LT	1
4+08.2	1.0	LT	1
2+67.4	1.0	LT	1
TOTAL			10

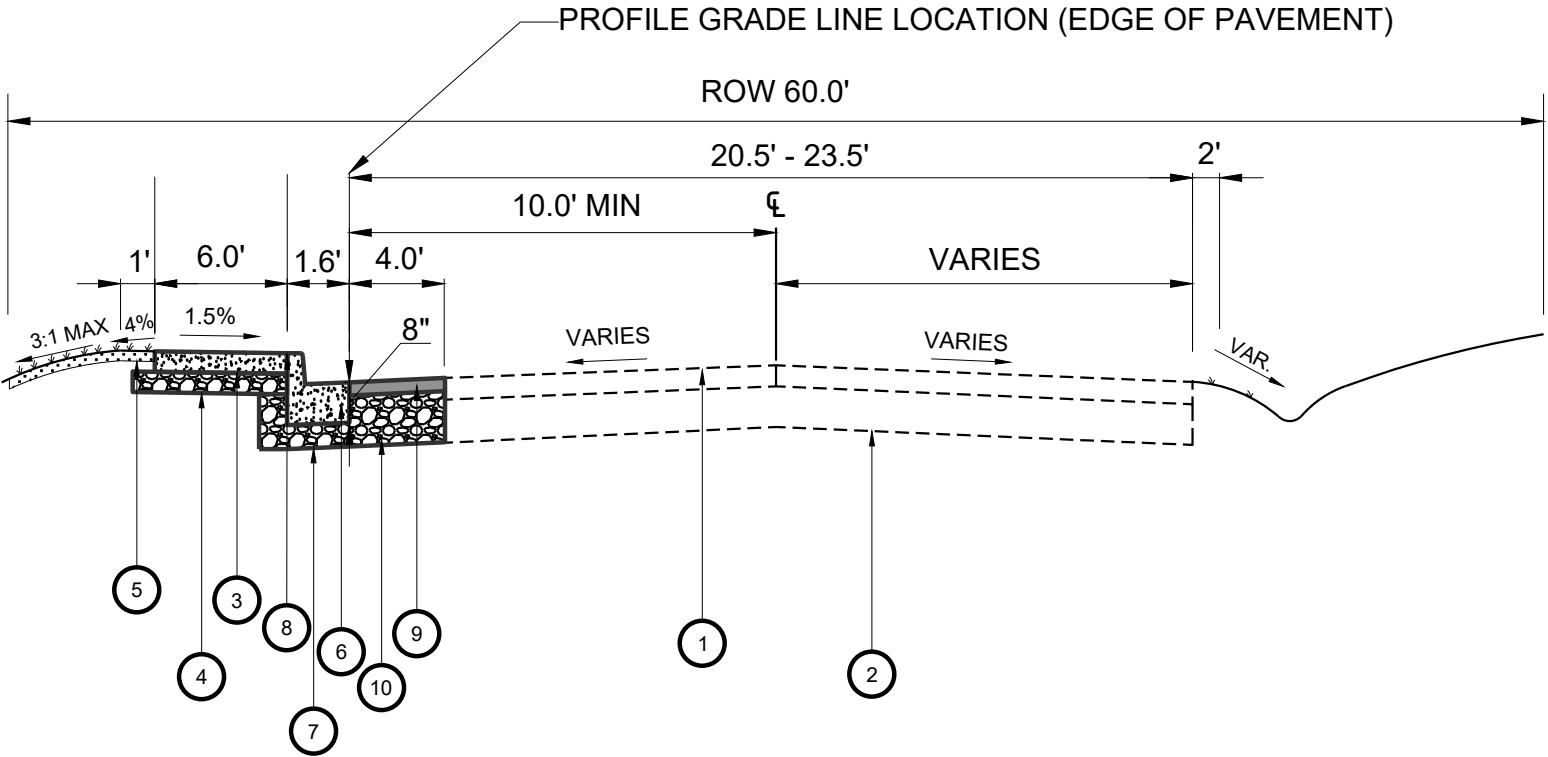
CATCH BASINS			
LOCATION			TYPE C TYPE 8 GRATE W/ AGG RING
STATION	OFFSET	SIDE	EACH
1+34.9	8.7	LT	1
4+08.4	14.611	LT	1
10+93.8	14.207	LT	1
11+20.6	13.371	LT	1
11+86.1	13.152	LT	1
TOTAL			5

MANHOLES TO BE ADJUSTED			
LOCATION			EACH
STATION	OFFSET	SIDE	
1+69.20	19.42	LT	1
5+90.80	11.83	LT	1
TOTAL			2

Z:\5035 - Lake Street Sidewalk - (Kewanee)\CADD\CADD Sheets Phase 2\5035- Typical Sections- Kewanee1.dwg



EXISTING TYPICAL SECTION



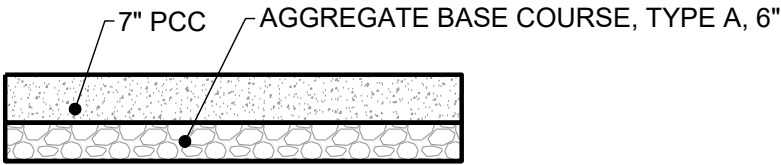
PROPOSED TYPICAL SECTION

HOT-MIX ASPHALT MIXTURE REQUIREMENTS:

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

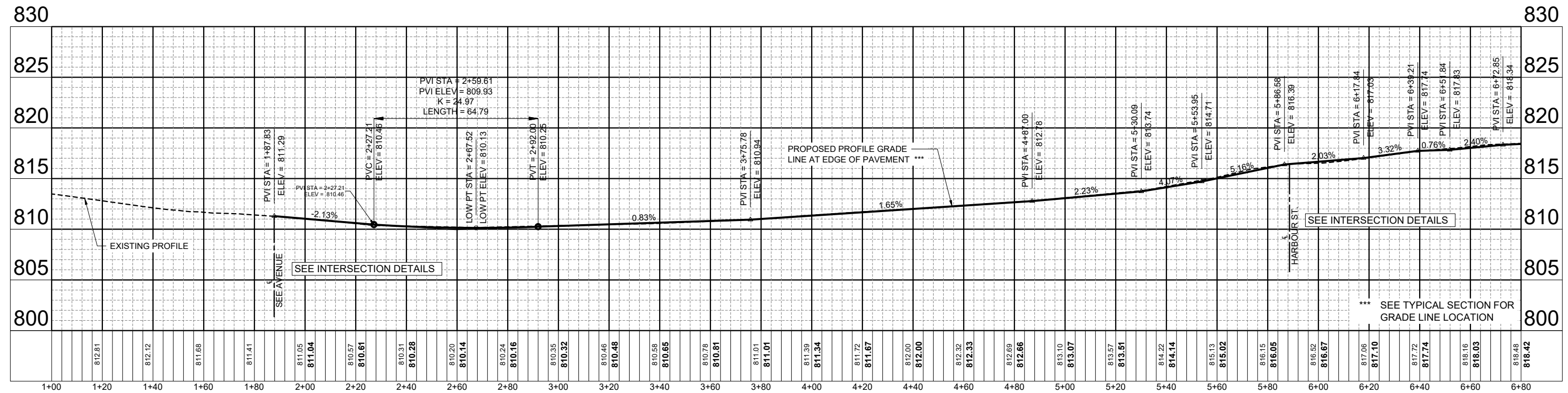
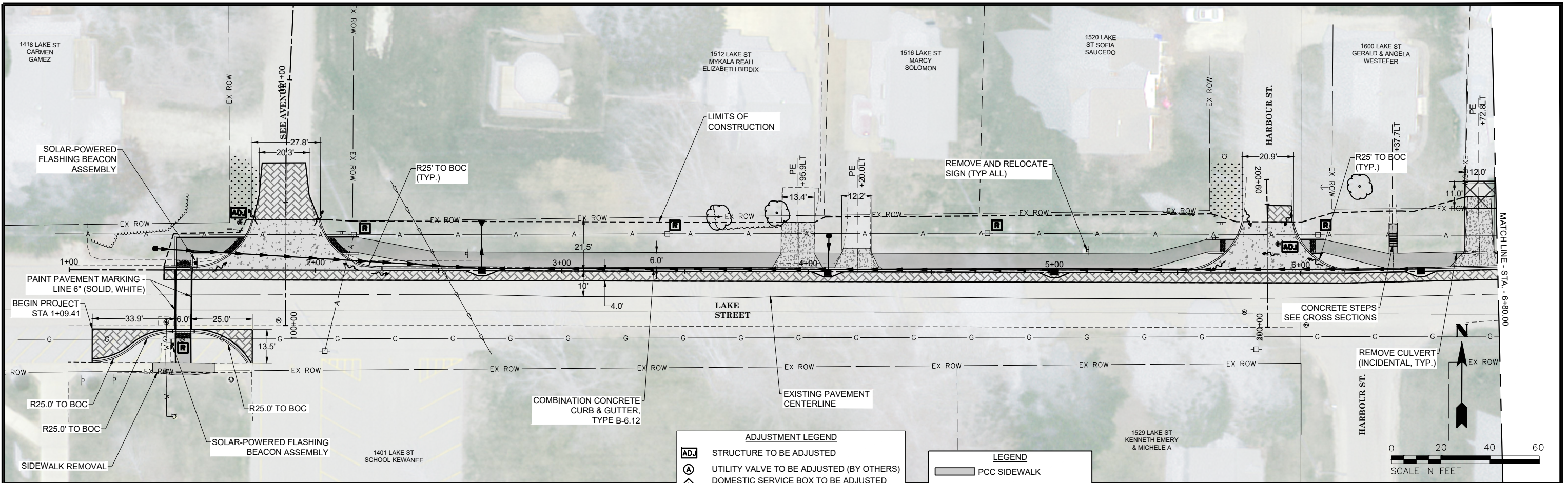
HMA MIXTURE REQUIREMENTS	
LOCATION(S):	ENTIRE PROJECT
MIXTURE USE(S):	HMA SURFACE
	SURFACE COURSE
BINDER GRADE (PG):	PG 58-28
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL-9.5
FRICTION AGGREGATE:	MIXTURE D
MIXTURE WEIGHT:	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	N/A
DENSITY TEST METHOD:	NUCLEAR
MATERIAL TRANSFER DEVICE	NO

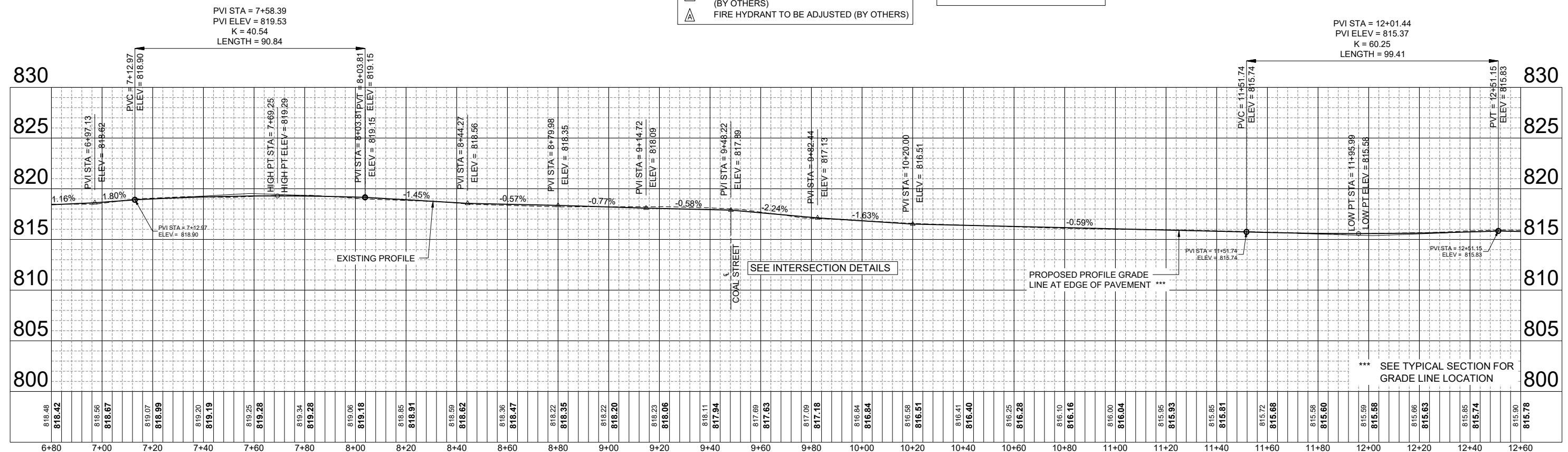
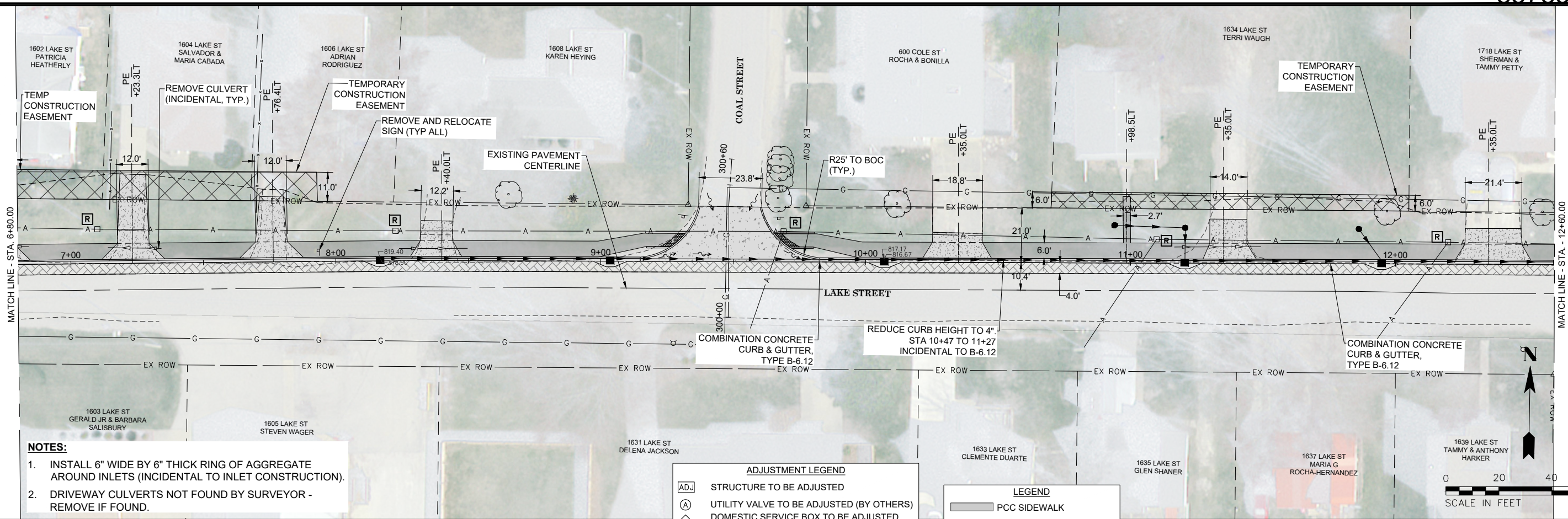
- 1 EXISTING SEALCOAT SURFACE MATERIAL (VARIOUS THICKNESS)
- 2 EXISTING AGGREGATE BASE COURSE (VARIOUS THICKNESS)
- 3 PROPOSED PCC SIDEWALK, 4.0"
- 4 PROPOSED AGGREGATE BASE COURSE, 3.0", CA 6
- 5 PROPOSED SEEDING CLASS 1 SPECIAL
- 6 PROPOSED B6.12 CURB & GUTTER
REDUCE CURB HEIGHT TO 4" FROM STA 10+47 TO STA 11+27
INCIDENTAL TO B-6.12.
- 7 PROPOSED AGGREGATE BASE COURSE, TYPE A, 4"
- 8 PROPOSED EXPANSION JOINT, 1.0"
- 9 HMA SURFACE, IL-9.5, 4"
- 10 PROPOSED AGGREGATE BASE COURSE, TYPE A, 9"



PCC PAVEMENT SECTION AT INTERSECTIONS
N.T.S

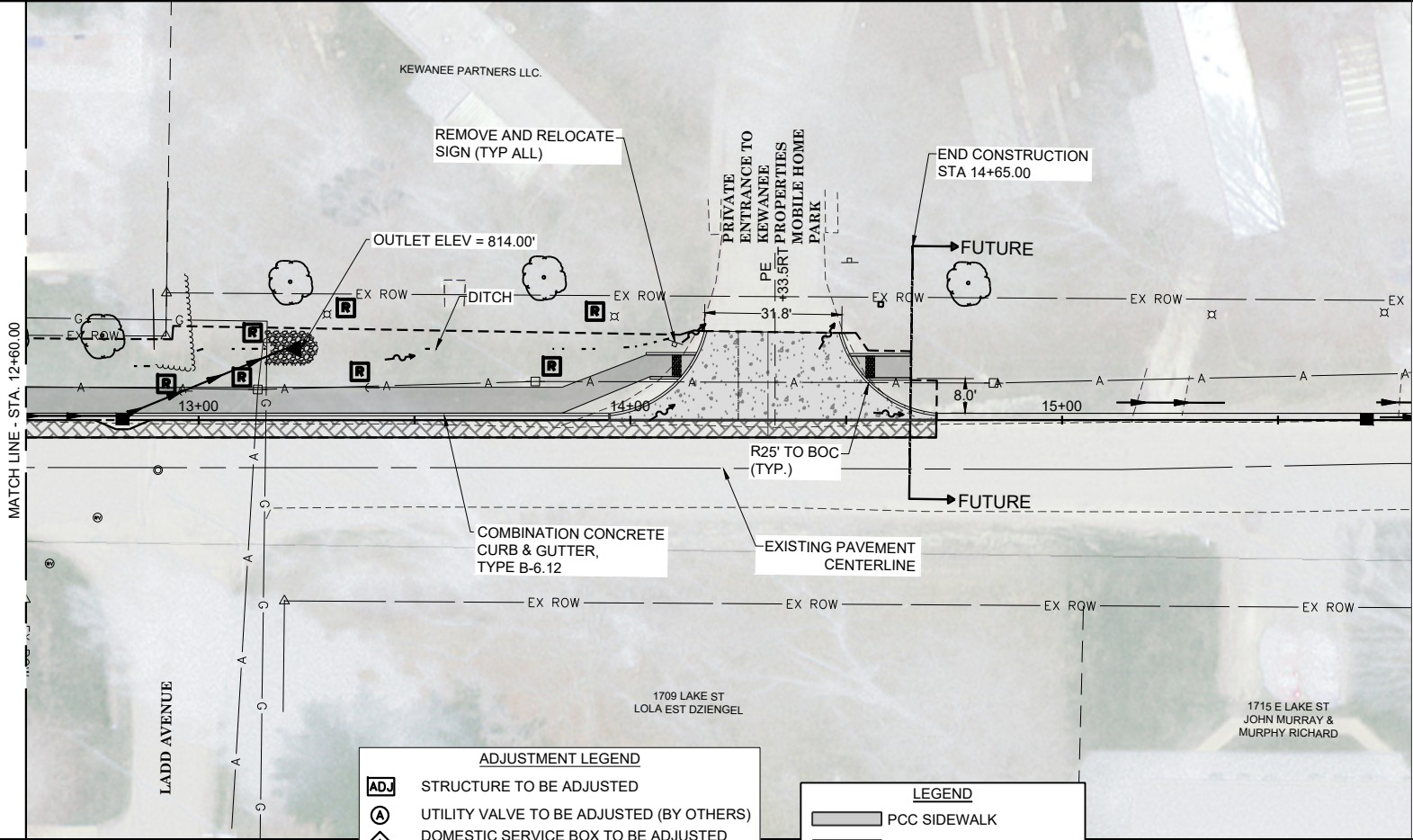
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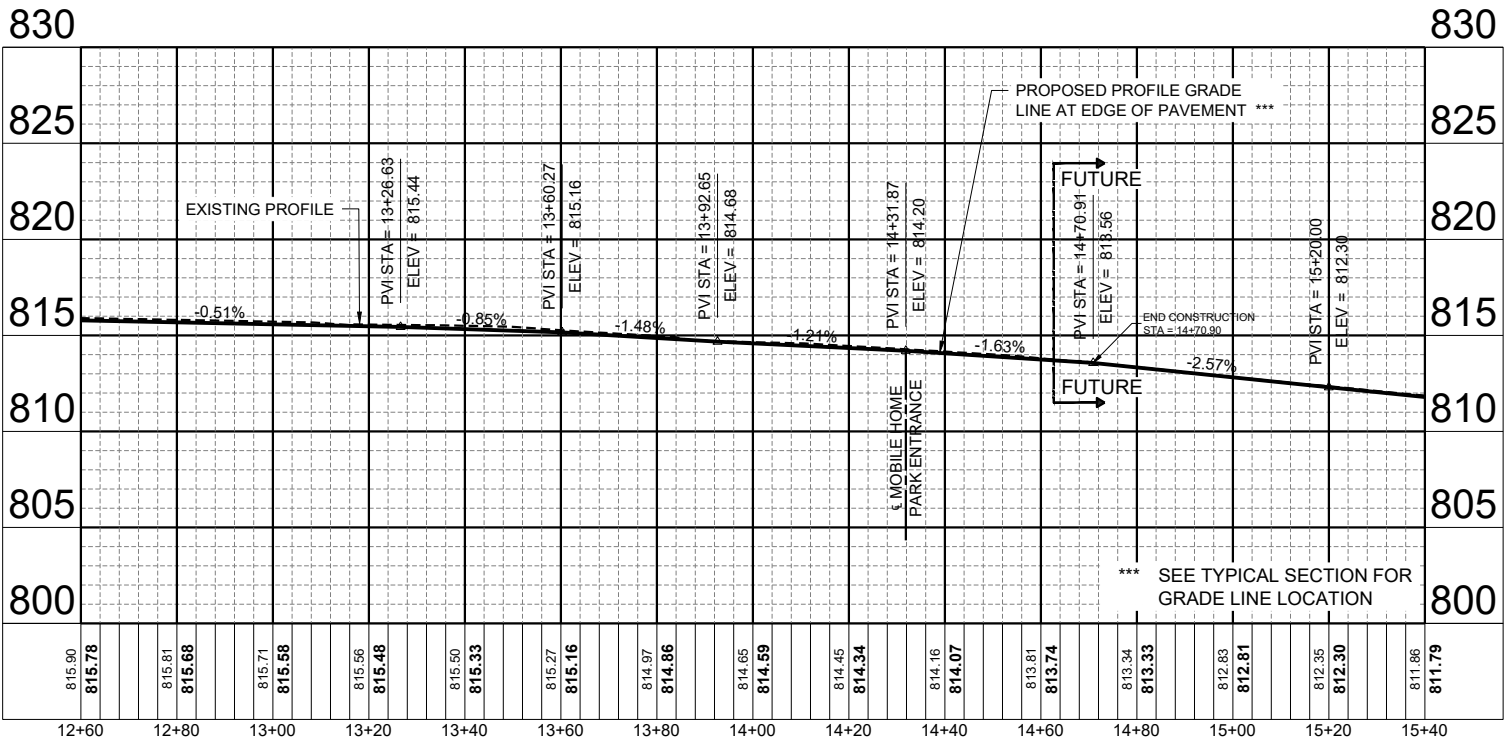
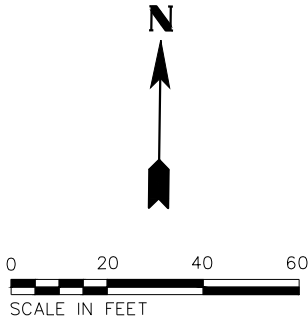
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- NOTES:**
1. INSTALL 6" WIDE BY 6" THICK RING OF AGGREGATE AROUND INLETS (INCIDENTAL TO INLET CONSTRUCTION).

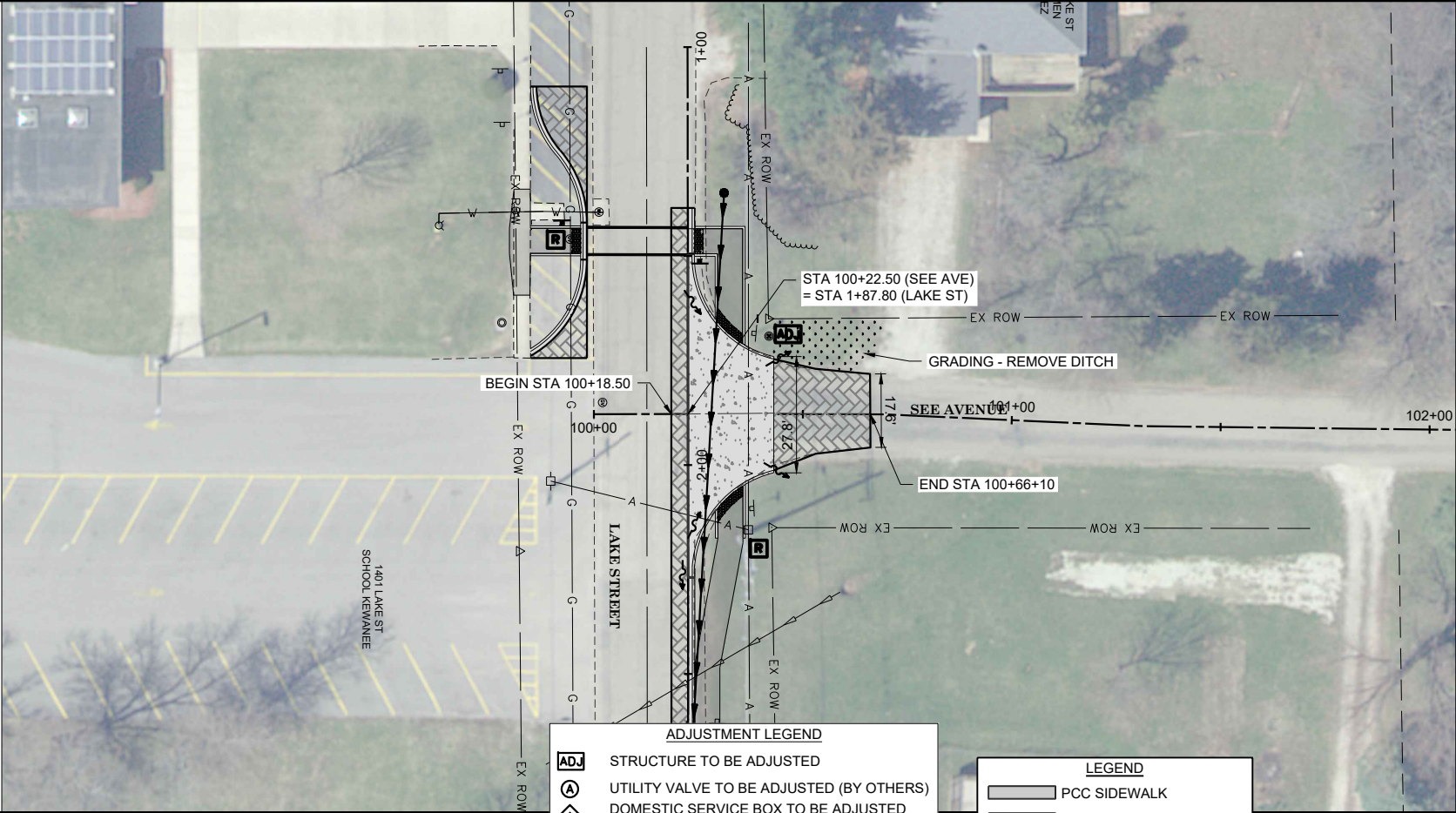


- ADJUSTMENT LEGEND**
- AD. STRUCTURE TO BE ADJUSTED
 - U UTILITY VALVE TO BE ADJUSTED (BY OTHERS)
 - D DOMESTIC SERVICE BOX TO BE ADJUSTED (BY OTHERS)
 - R POWER POLE/LIGHT POLE TO BE RELOCATED (BY OTHERS)
 - F FIRE HYDRANT TO BE ADJUSTED (BY OTHERS)

- LEGEND**
- PCC SIDEWALK
 - PAVEMENT REPLACEMENT
 - PCC PAVEMENT



Z:\5035 - Lake Street Sidewalk - (Kewanee)\CADD\CADD Sheets Phase 2\5035 - P&P.dwg

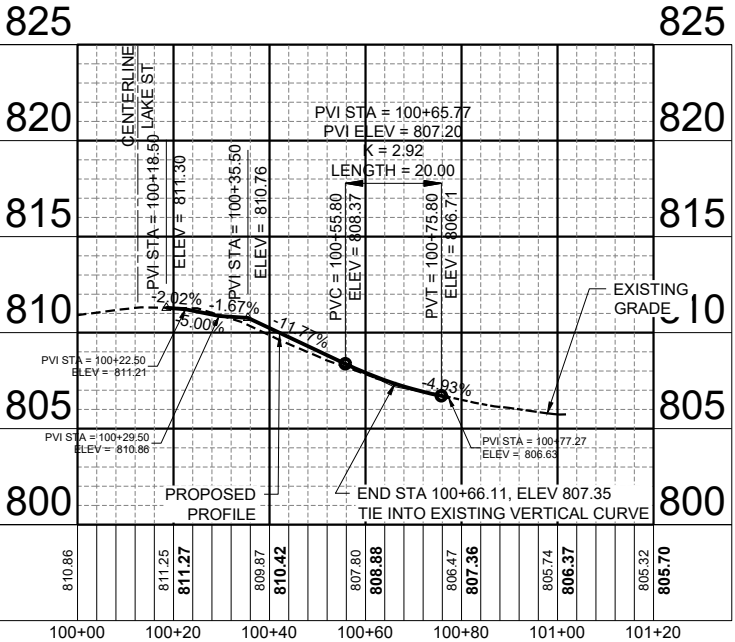


ADJUSTMENT LEGEND

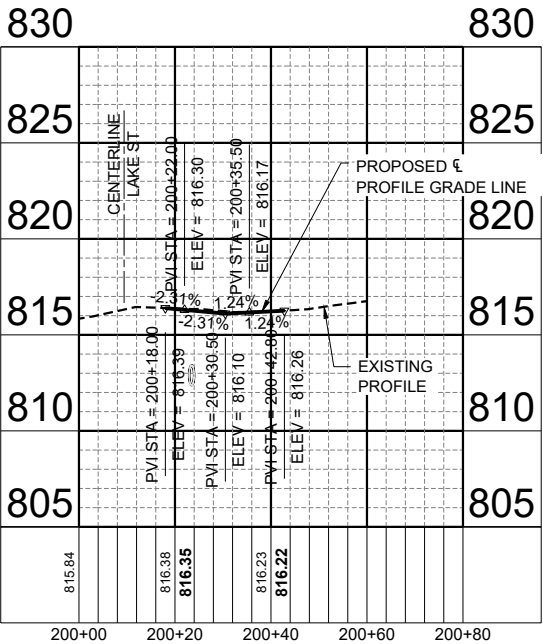
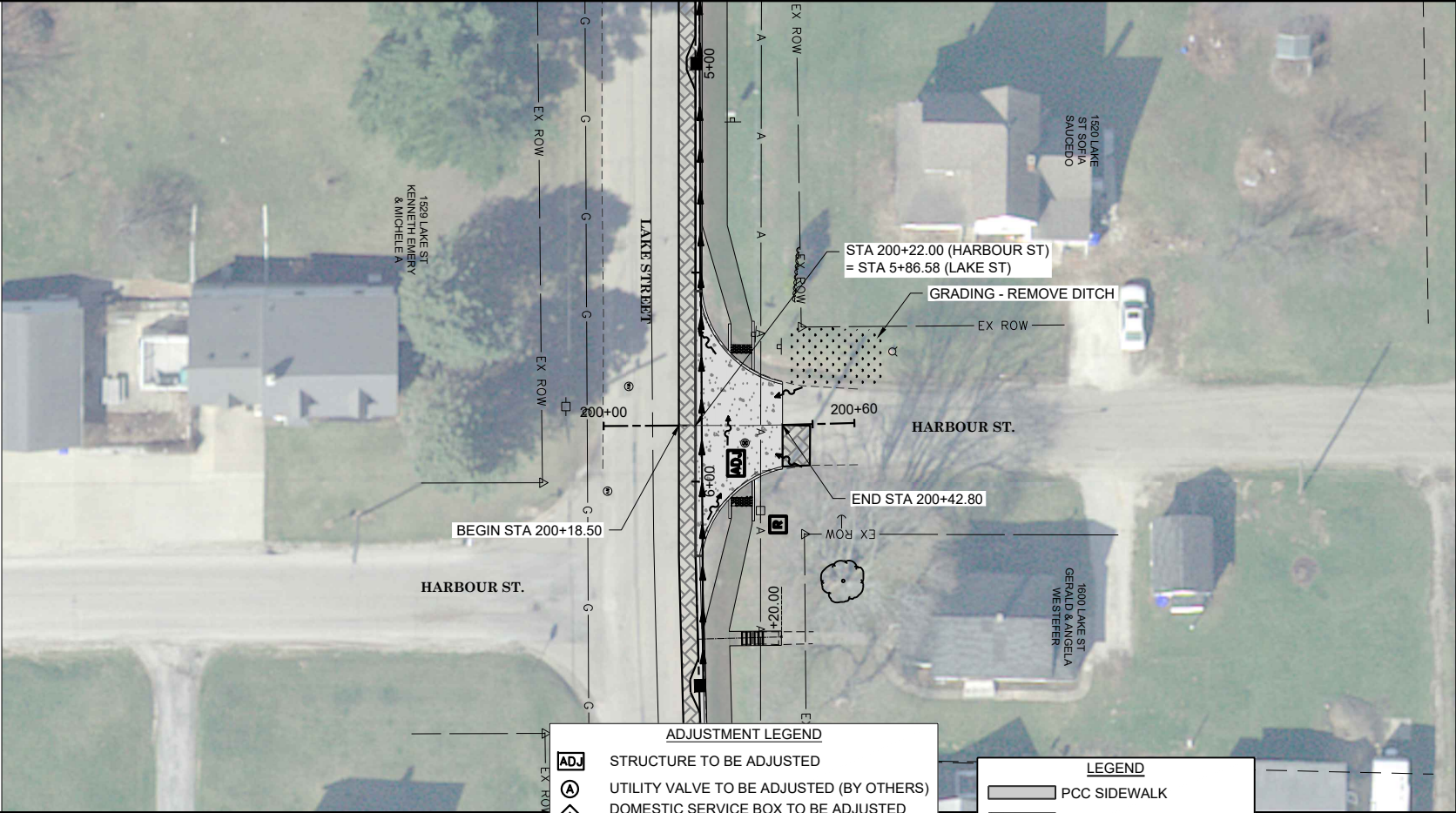
- AD** STRUCTURE TO BE ADJUSTED
- A** UTILITY VALVE TO BE ADJUSTED (BY OTHERS)
- D** DOMESTIC SERVICE BOX TO BE ADJUSTED (BY OTHERS)
- R** POWER POLE/LIGHT POLE TO BE RELOCATED (BY OTHERS)
- F** FIRE HYDRANT TO BE ADJUSTED (BY OTHERS)

LEGEND

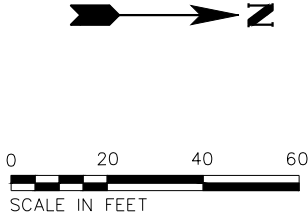
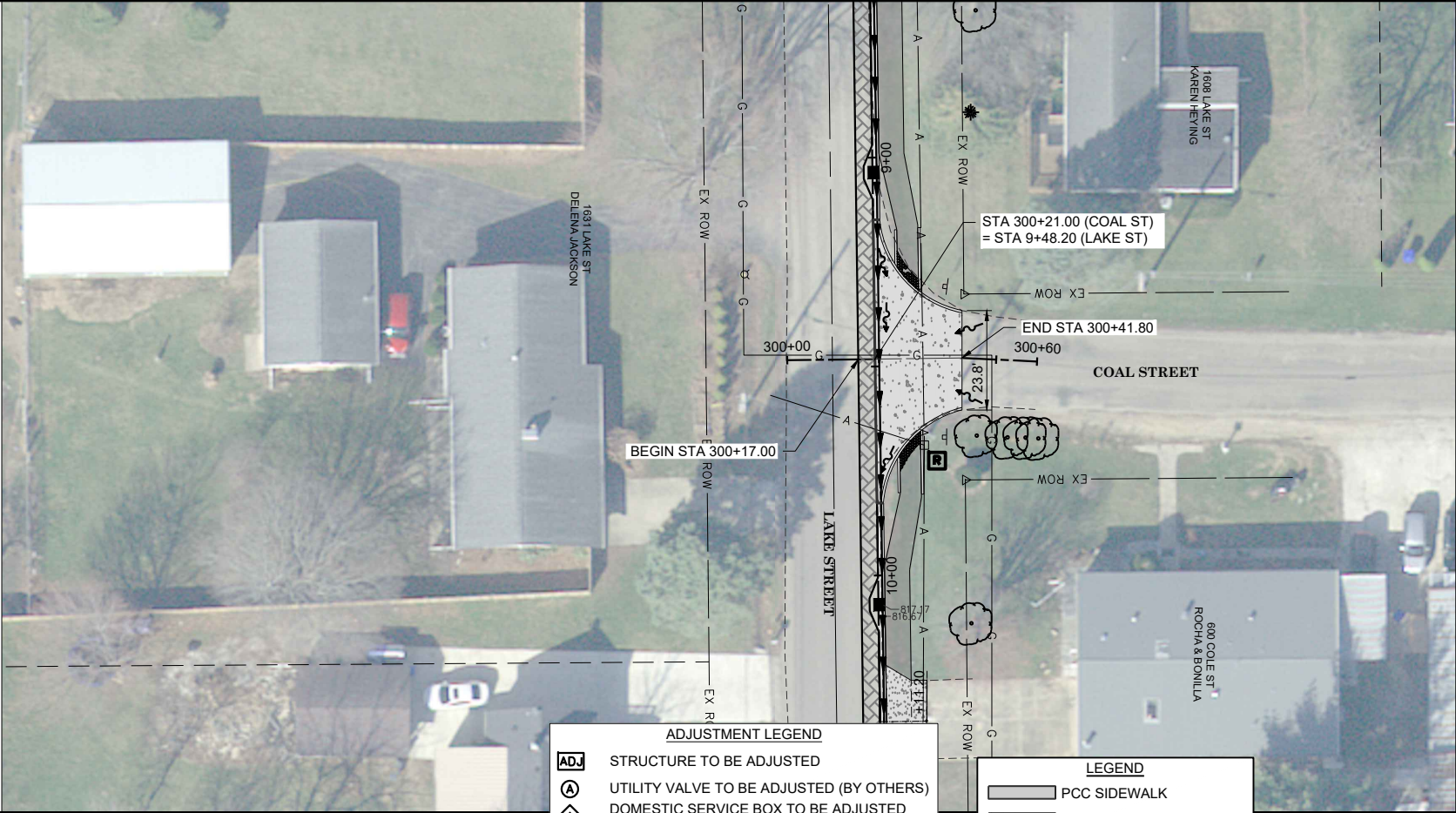
- PCC SIDEWALK
- PAVEMENT REPLACEMENT
- PCC PAVEMENT



Z:\5035 - Lake Street Sidewalk - (Kewanee)\CADD\CADD Sheets Phase 2\5035 - P&P.dwg



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ADJUSTMENT LEGEND

AD STRUCTURE TO BE ADJUSTED

A UTILITY VALVE TO BE ADJUSTED (BY OTHERS)

D DOMESTIC SERVICE BOX TO BE ADJUSTED (BY OTHERS)

R POWER POLE/LIGHT POLE TO BE RELOCATED (BY OTHERS)

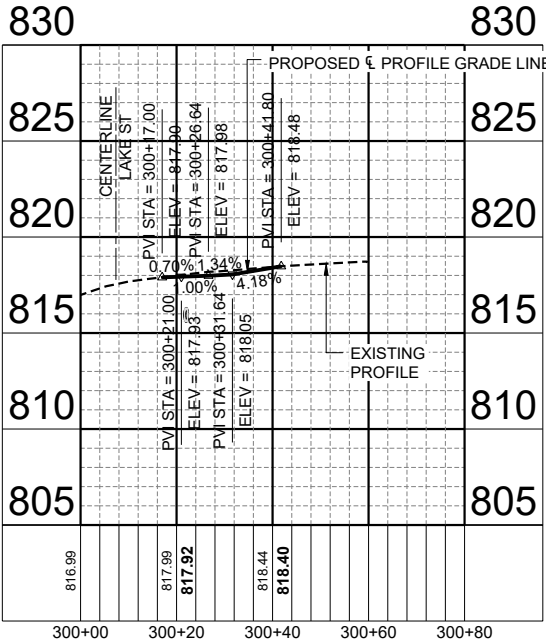
F FIRE HYDRANT TO BE ADJUSTED (BY OTHERS)

LEGEND

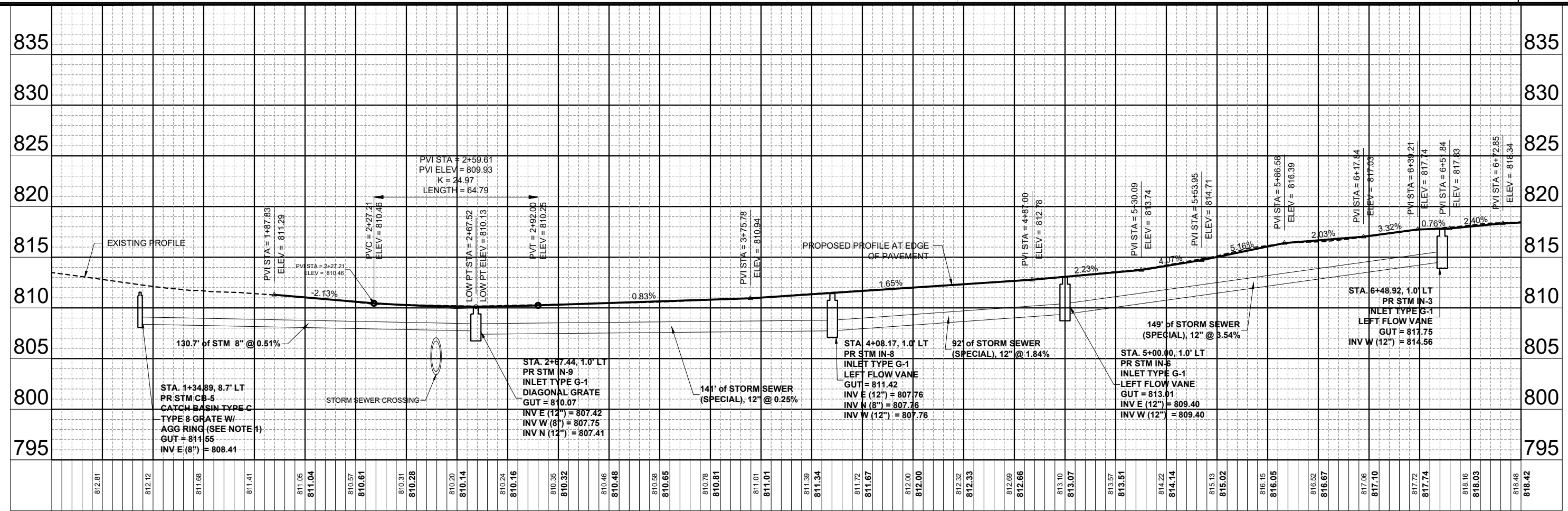
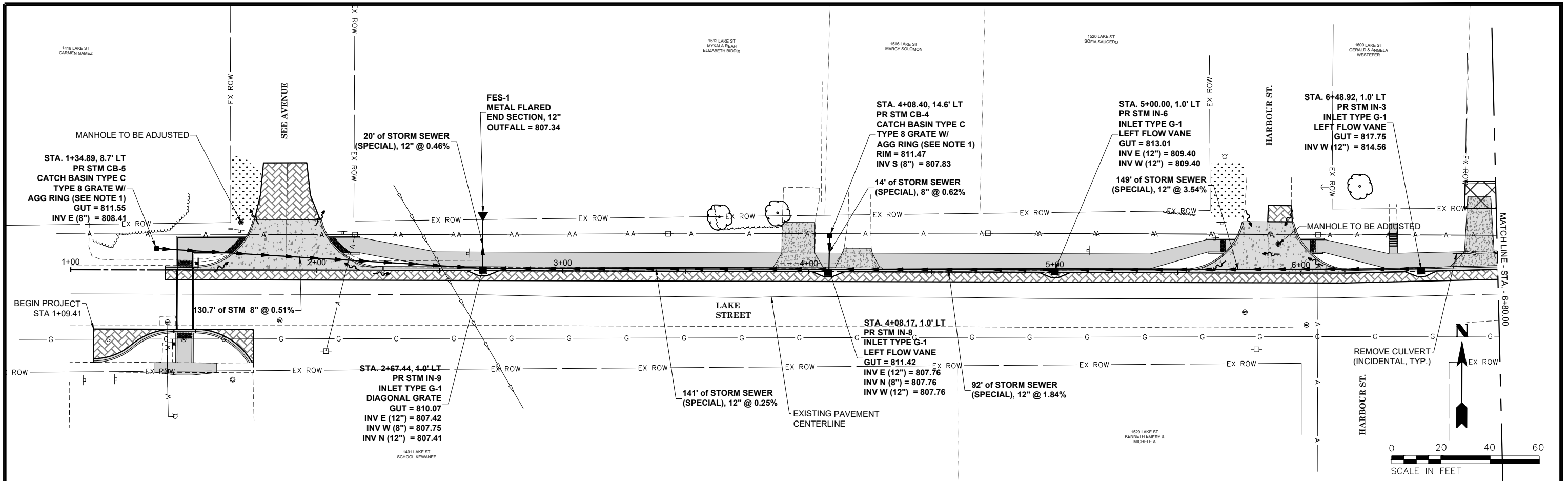
PCC SIDEWALK

PAVEMENT REPLACEMENT

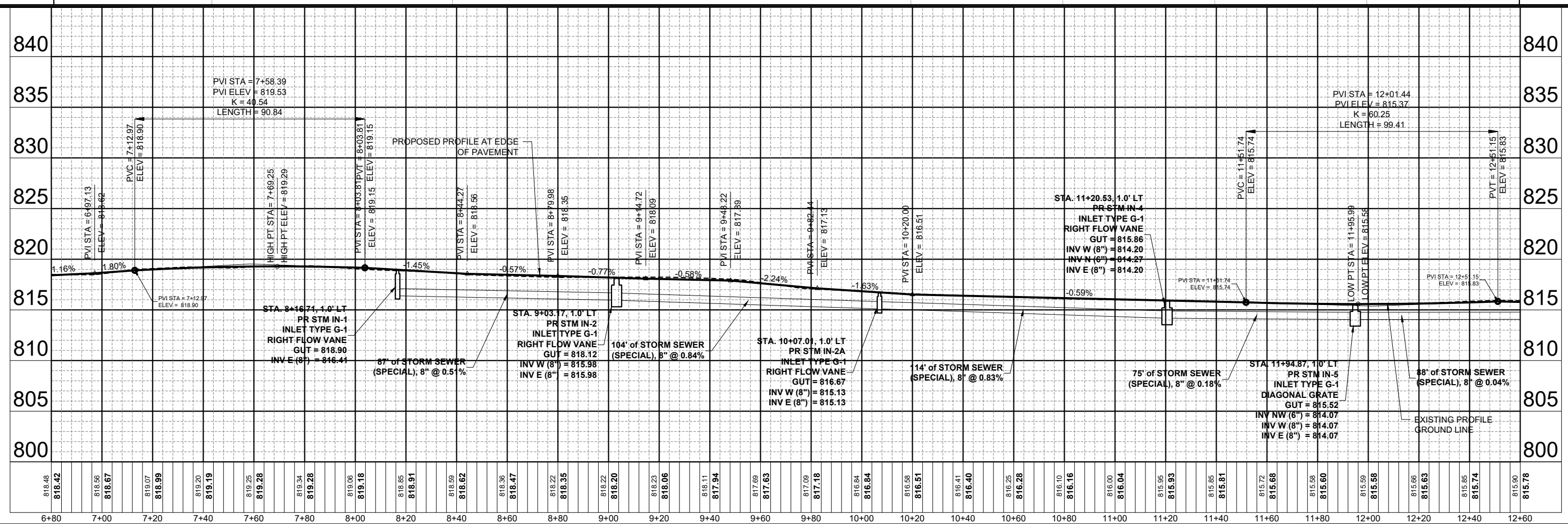
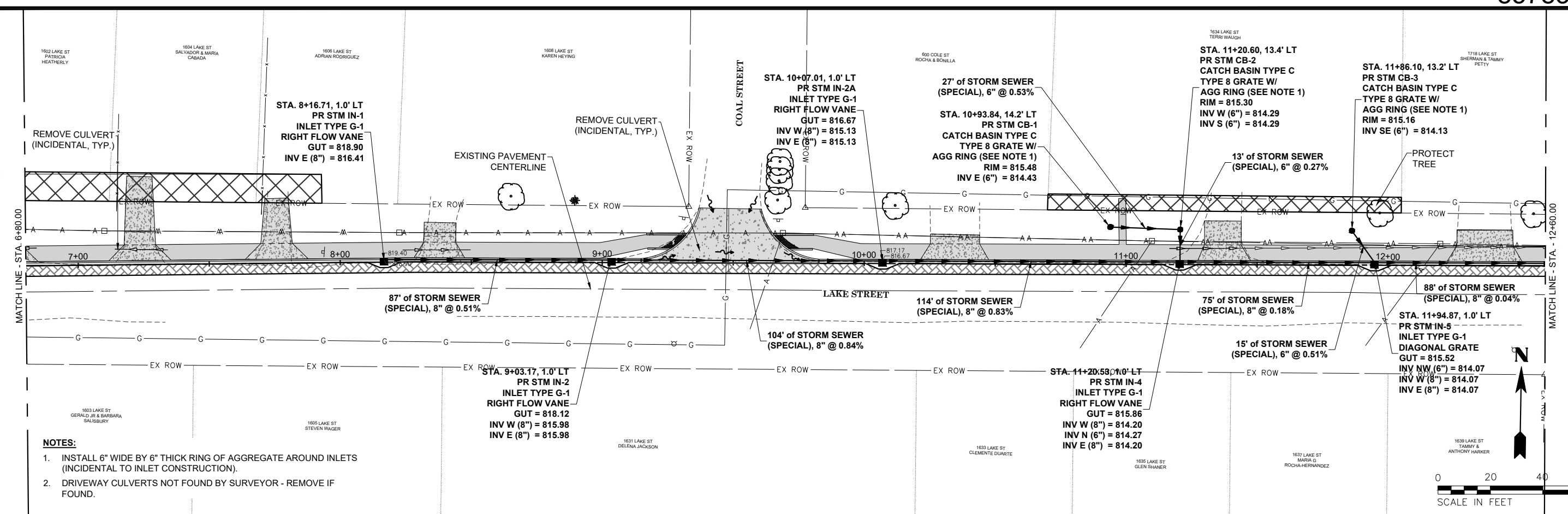
PCC PAVEMENT



Z:\5035 - Lake Street Sidewalk - (Kewanee)\CADD\CADD Sheets Phase 2\5035 - P&P-UTILITIES.dwg



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DESIGNED LAE DATE: 3/31/25
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PROJECT #: 5035

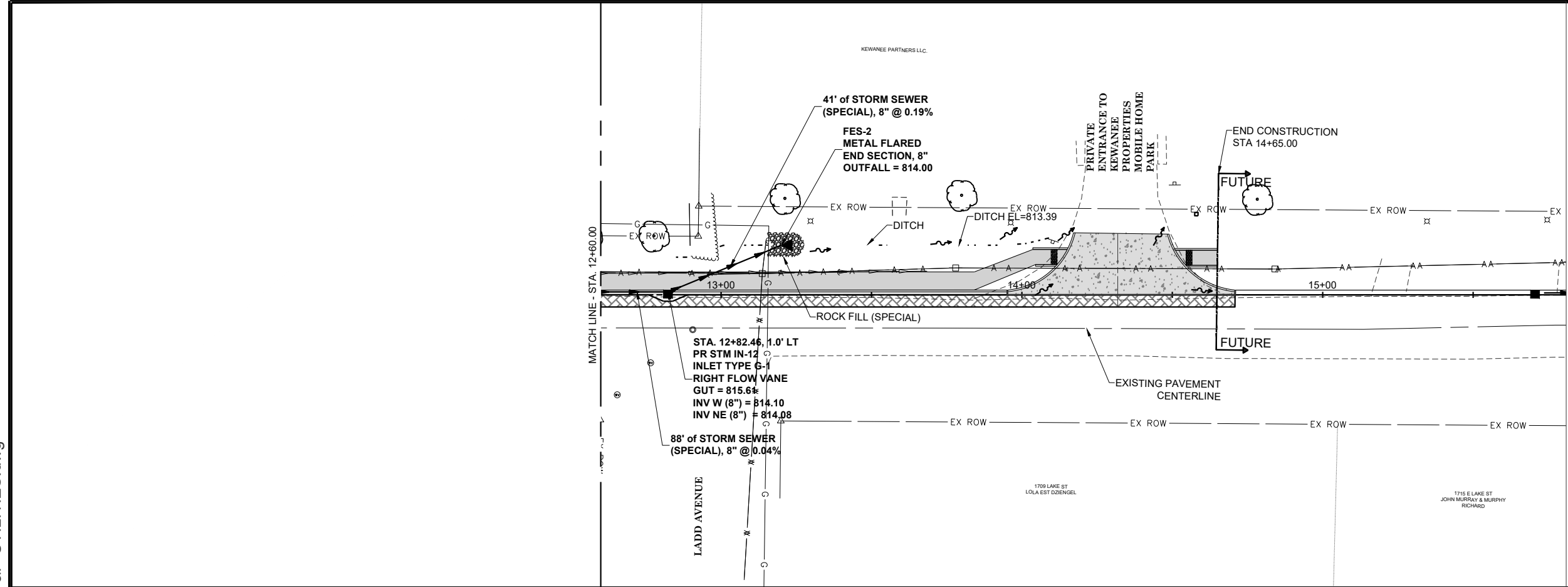
LAKE STREET
SIDEWALK



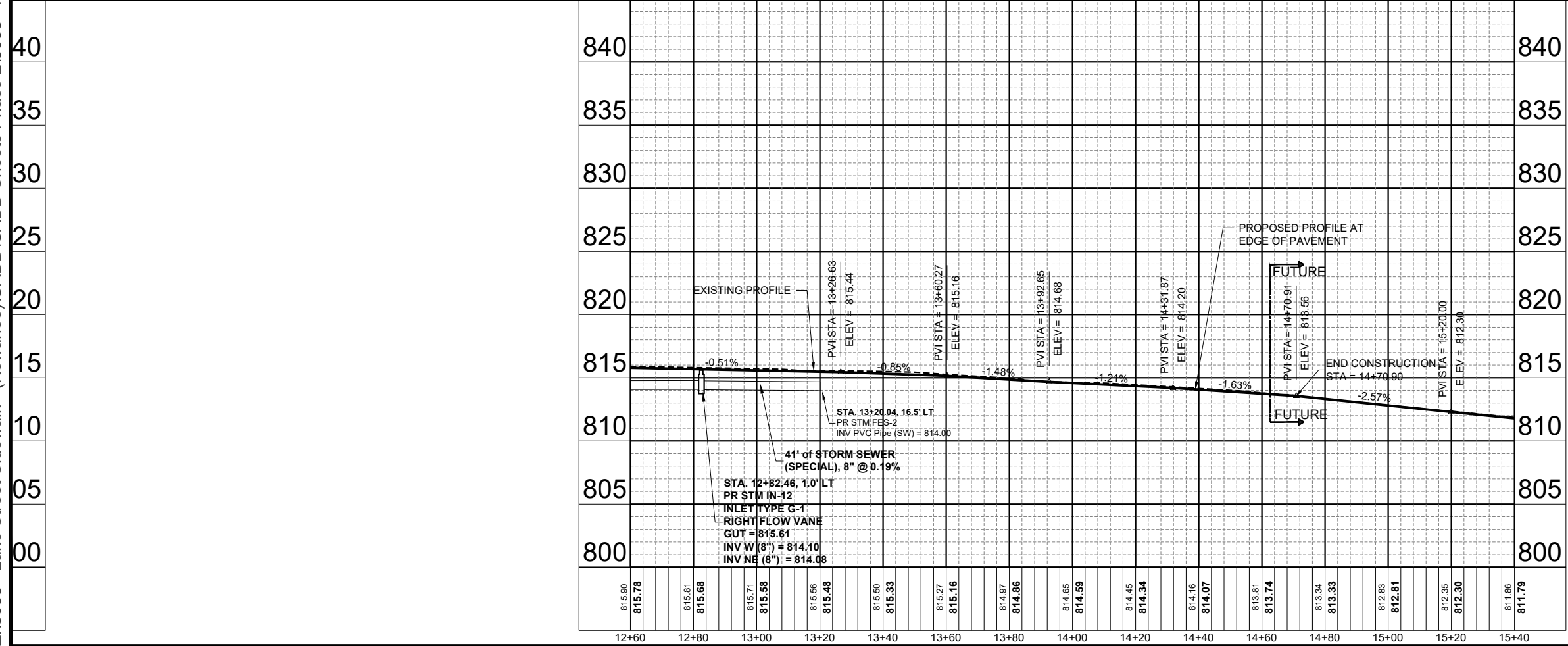
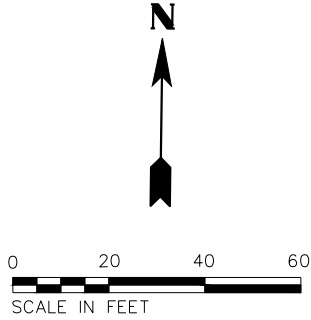
PLAN & PROFILES - UTILITIES (2 OF 3)

SHEET
15 OF 33

Z:\5035 - Lake Street Sidewalk - (Kewanee)\CADD\CADD Sheets Phase 2\5035 - P&P-UTILITIES.dwg



- NOTES:**
1. INSTALL 6" WIDE BY 6" THICK RING OF AGGREGATE AROUND INLETS (INCIDENTAL TO INLET CONSTRUCTION).



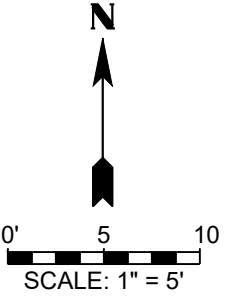
DESIGNED LAE DATE: 3/31/25
DRAWN AJP
CHECKED BAJ
PROJECT #: 5035

LAKE STREET
SIDEWALK

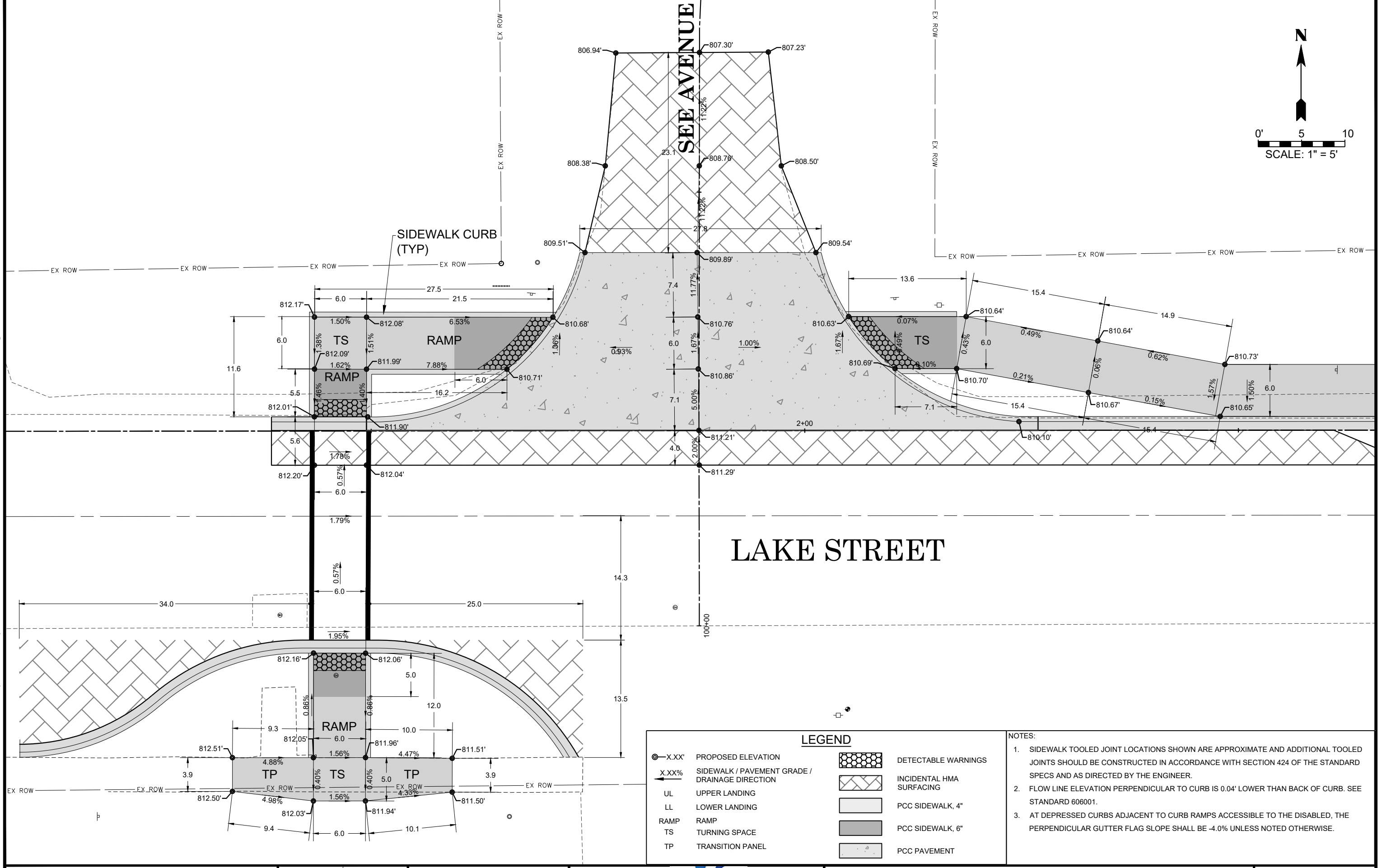


PLAN & PROFILES - UTILITIES (3 OF 3)

SHEET
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Z:\5035 - Lake Street Sidewalk - (Kewanee)\CADD\CADD Sheets Phase 2\5035 - ADA Details.dwg



LEGEND

⊙-X.XX'	PROPOSED ELEVATION		DETECTABLE WARNINGS
←X.XX%	SIDEWALK / PAVEMENT GRADE / DRAINAGE DIRECTION		INCIDENTAL HMA SURFACING
UL	UPPER LANDING		PCC SIDEWALK, 4"
LL	LOWER LANDING		PCC SIDEWALK, 6"
RAMP	RAMP		PCC PAVEMENT
TS	TURNING SPACE		
TP	TRANSITION PANEL		

- NOTES:
- SIDEWALK TOOLED JOINT LOCATIONS SHOWN ARE APPROXIMATE AND ADDITIONAL TOOLED JOINTS SHOULD BE CONSTRUCTED IN ACCORDANCE WITH SECTION 424 OF THE STANDARD SPECS AND AS DIRECTED BY THE ENGINEER.
 - FLOW LINE ELEVATION PERPENDICULAR TO CURB IS 0.04' LOWER THAN BACK OF CURB. SEE STANDARD 606001.
 - AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE PERPENDICULAR GUTTER FLAG SLOPE SHALL BE -4.0% UNLESS NOTED OTHERWISE.



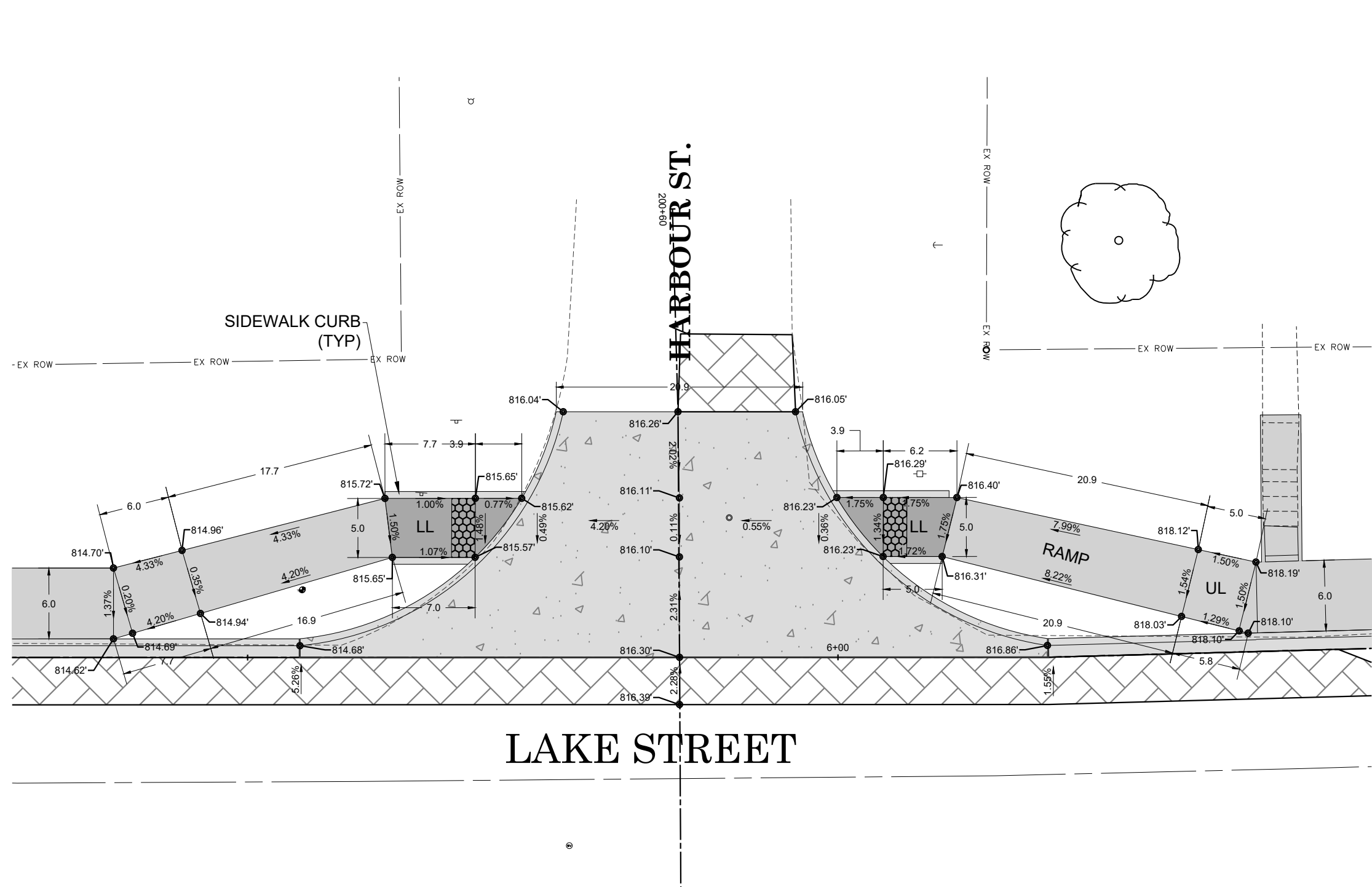
DESIGNED LAE	DATE 3/31/25
DRAWN AJP	
CHECKED BAJ	
PROJECT # 5035	

LAKE STREET
SIDEWALK



SEE ST. ADA DETAIL

Z:\5035 - Lake Street Sidewalk - (Kewanee)\CADD\CADD Sheets Phase 2\5035 - ADA Details.dwg



LEGEND			
⊙—X.XX'	PROPOSED ELEVATION		DETECTABLE WARNINGS
—X.XX%	SIDEWALK / PAVEMENT GRADE / DRAINAGE DIRECTION		INCIDENTAL HMA SURFACING
UL	UPPER LANDING		PCC SIDEWALK, 4"
LL	LOWER LANDING		PCC SIDEWALK, 6"
RAMP	RAMP		PCC PAVEMENT
TS	TURNING SPACE		
TP	TRANSITION PANEL		

- NOTES:
1. SIDEWALK TOOLED JOINT LOCATIONS SHOWN ARE APPROXIMATE AND ADDITIONAL TOOLED JOINTS SHOULD BE CONSTRUCTED IN ACCORDANCE WITH SECTION 424 OF THE STANDARD SPECS AND AS DIRECTED BY THE ENGINEER.
 2. FLOW LINE ELEVATION PERPENDICULAR TO CURB IS 0.04' LOWER THAN BACK OF CURB. SEE STANDARD 606001.
 3. AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE PERPENDICULAR GUTTER FLAG SLOPE SHALL BE -4.0% UNLESS NOTED OTHERWISE.



DESIGNED LAE DATE— 3/31/25
DRAWN AJP
CHECKED BAJ
PROJECT #: 5035

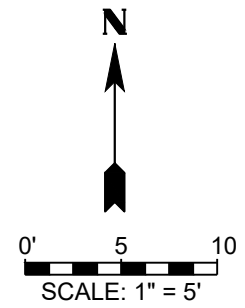
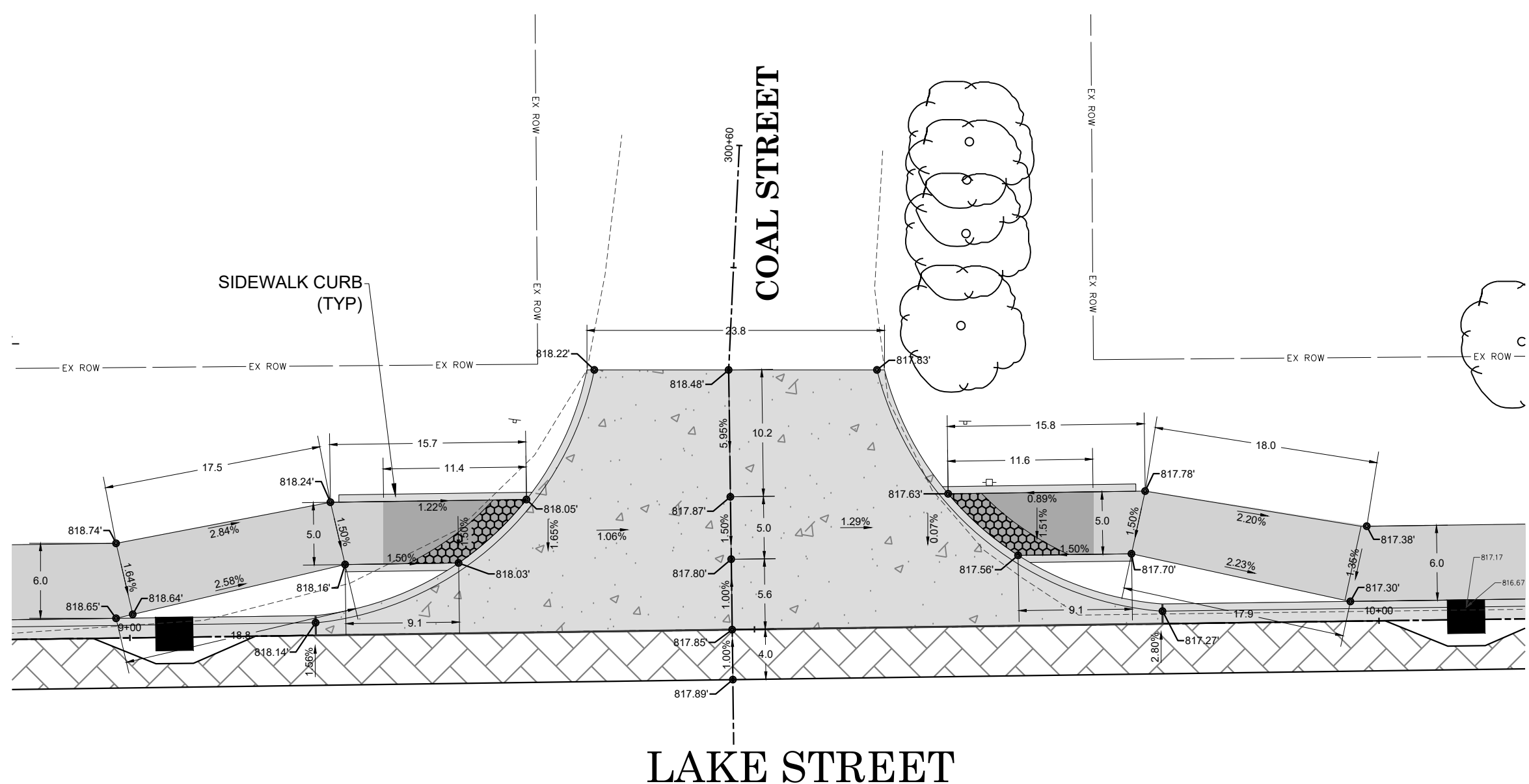
LAKE STREET
SIDEWALK



HARBOUR ST. ADA DETAIL

SHEET
18 OF 33

Z:\5035 - Lake Street Sidewalk - (Kewanee)\CADD\CADD Sheets Phase 2\5035 - ADA Details.dwg



LEGEND			
	PROPOSED ELEVATION		DETECTABLE WARNINGS
	SIDEWALK / PAVEMENT GRADE / DRAINAGE DIRECTION		INCIDENTAL HMA SURFACING
UL	UPPER LANDING		PCC SIDEWALK, 4"
LL	LOWER LANDING		PCC SIDEWALK, 6"
RAMP	RAMP		PCC PAVEMENT
TS	TURNING SPACE		
TP	TRANSITION PANEL		

- NOTES:
- SIDEWALK TOOLED JOINT LOCATIONS SHOWN ARE APPROXIMATE AND ADDITIONAL TOOLED JOINTS SHOULD BE CONSTRUCTED IN ACCORDANCE WITH SECTION 424 OF THE STANDARD SPECS AND AS DIRECTED BY THE ENGINEER.
 - FLOW LINE ELEVATION PERPENDICULAR TO CURB IS 0.04' LOWER THAN BACK OF CURB. SEE STANDARD 606001.
 - AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE PERPENDICULAR GUTTER FLAG SLOPE SHALL BE -4.0% UNLESS NOTED OTHERWISE.



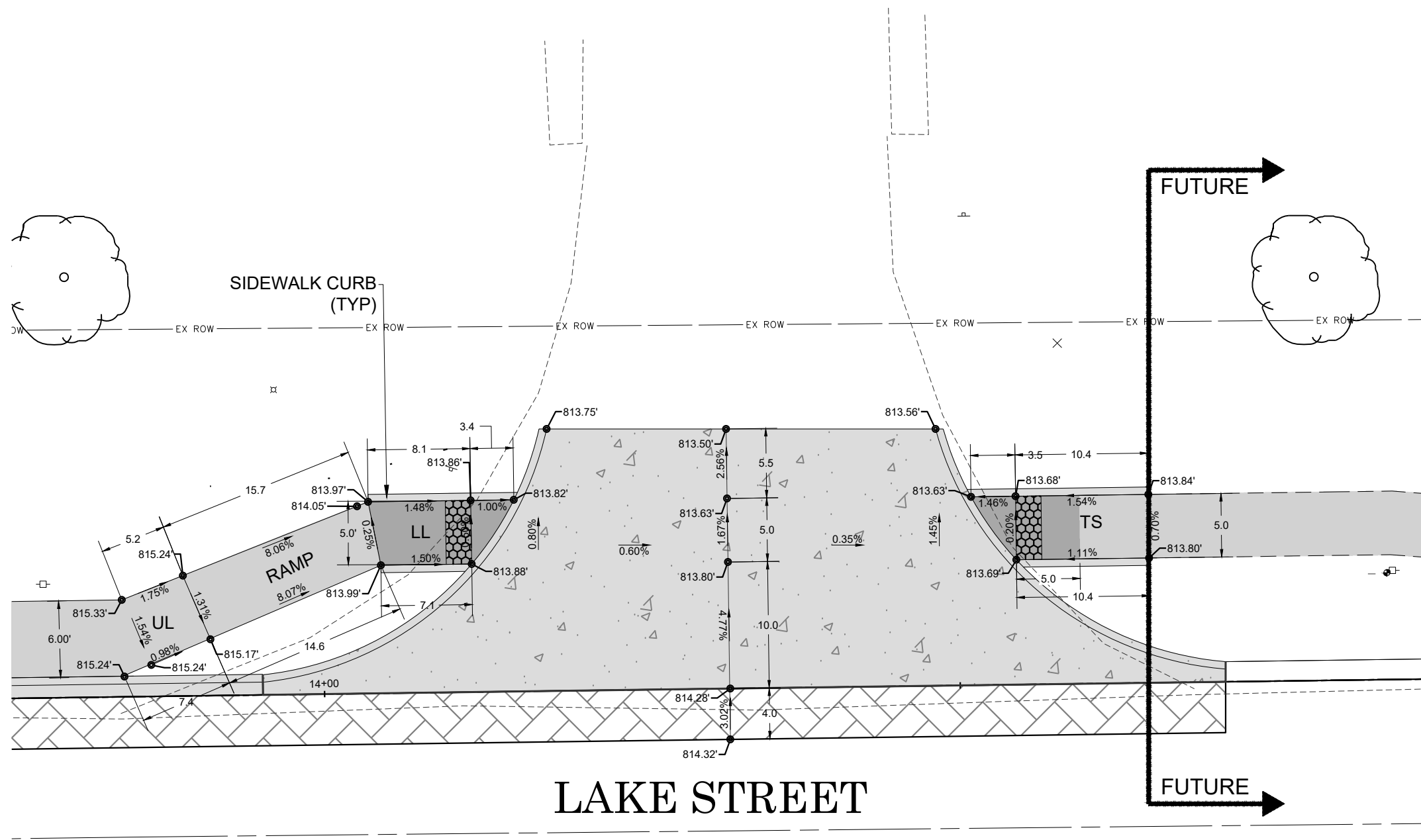
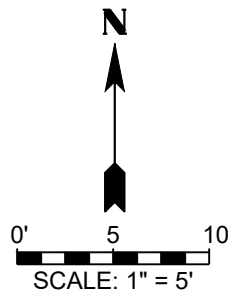
DESIGNED LAE	DATE-- 3/31/25
DRAWN AJP	
CHECKED BAJ	
PROJECT #: 5035	

LAKE STREET
SIDEWALK



COAL ST. ADA DETAIL

SHEET
19 OF 33



LEGEND			
⊙—X.XX'	PROPOSED ELEVATION		DETECTABLE WARNINGS
←X.XX%	SIDEWALK / PAVEMENT GRADE / DRAINAGE DIRECTION		INCIDENTAL HMA SURFACING
UL	UPPER LANDING		PCC SIDEWALK, 4"
LL	LOWER LANDING		PCC SIDEWALK, 6"
RAMP	RAMP		PCC PAVEMENT
TS	TURNING SPACE		
TP	TRANSITION PANEL		

- NOTES:
1. SIDEWALK TOOLED JOINT LOCATIONS SHOWN ARE APPROXIMATE AND ADDITIONAL TOOLED JOINTS SHOULD BE CONSTRUCTED IN ACCORDANCE WITH SECTION 424 OF THE STANDARD SPECS AND AS DIRECTED BY THE ENGINEER.
 2. FLOW LINE ELEVATION PERPENDICULAR TO CURB IS 0.04' LOWER THAN BACK OF CURB. SEE STANDARD 606001.
 3. AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE PERPENDICULAR GUTTER FLAG SLOPE SHALL BE -4.0% UNLESS NOTED OTHERWISE.

Z:\5035 - Lake Street Sidewalk - (Kewanee)\CADD\CADD Sheets Phase 2\5035 - ADA Details.dwg



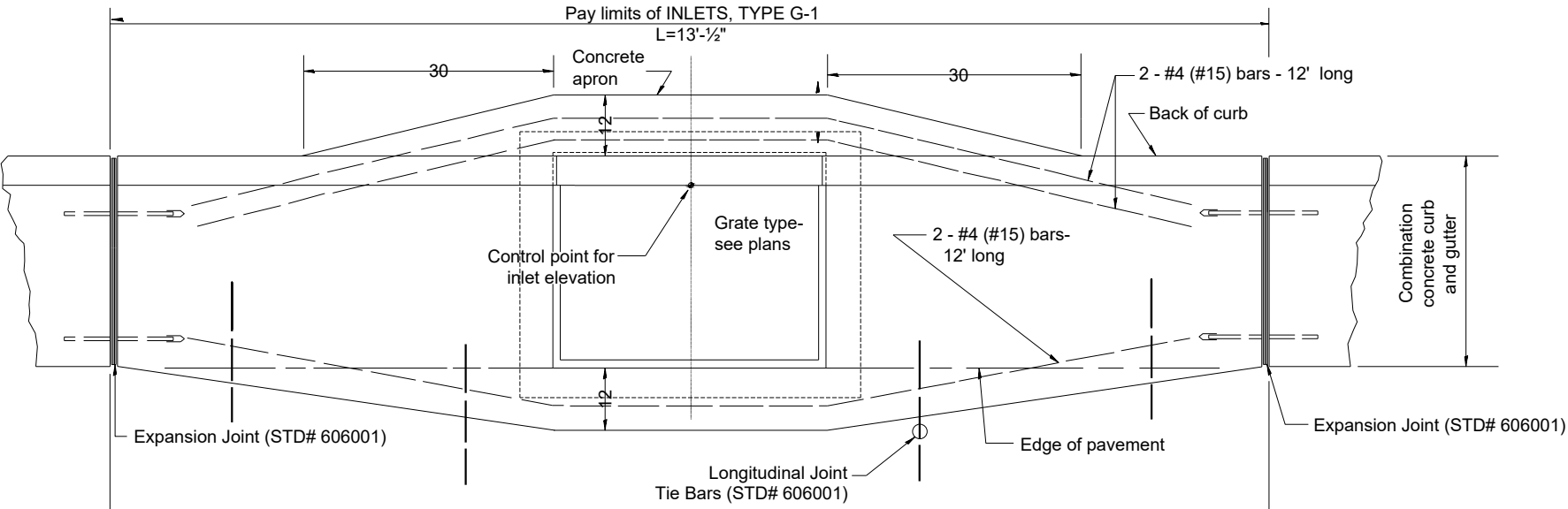
DESIGNED L.A.E.	DATE— 3/31/25
DRAWN AJP	
CHECKED BAJ	
PROJECT #: 5035	

LAKE STREET
SIDEWALK

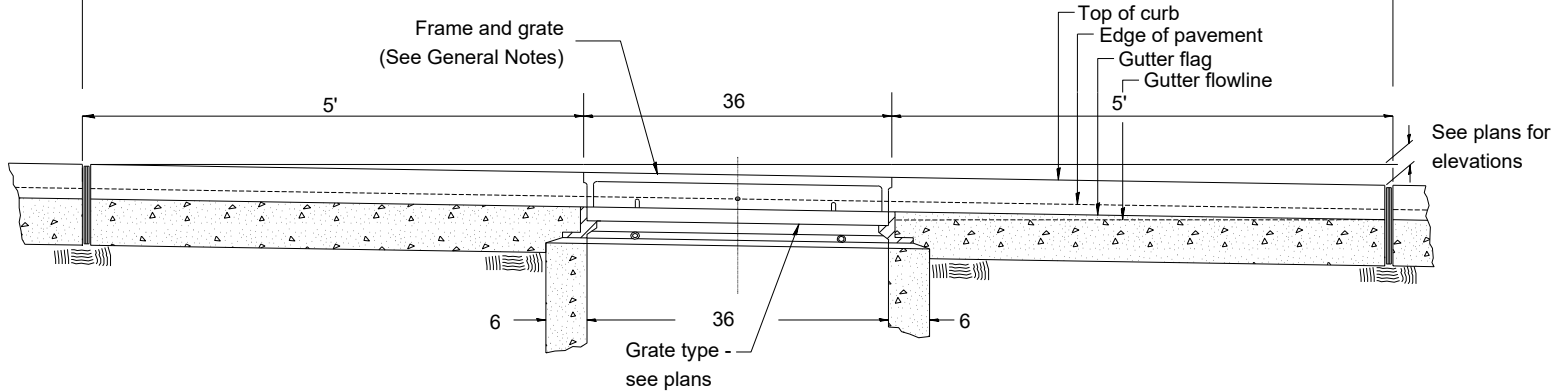


MOBILE HOMES ENT. ADA DETAIL

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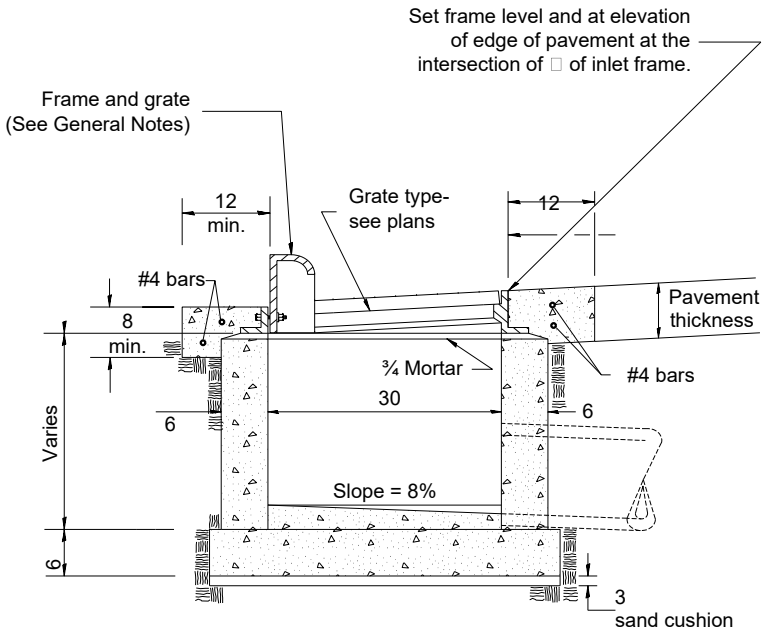


PLAN



ELEVATION FRONT

INLET TYPE G-1 DETAIL
N.T.S.

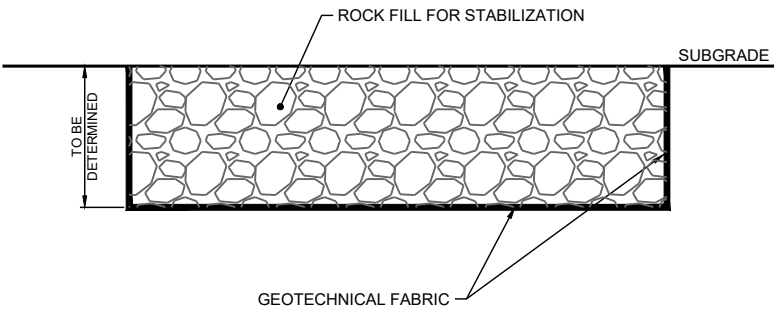


ELEVATION SIDE

NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

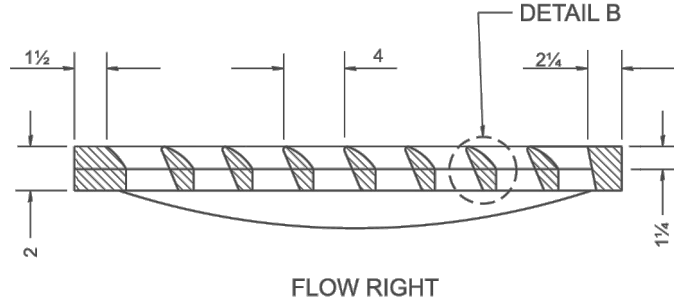
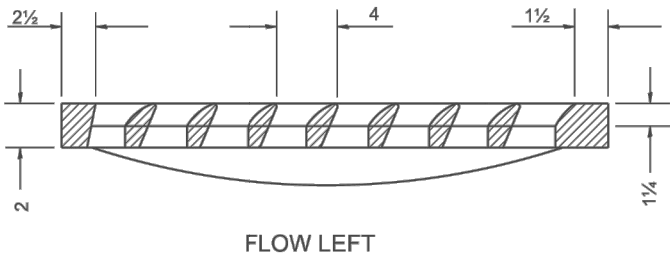
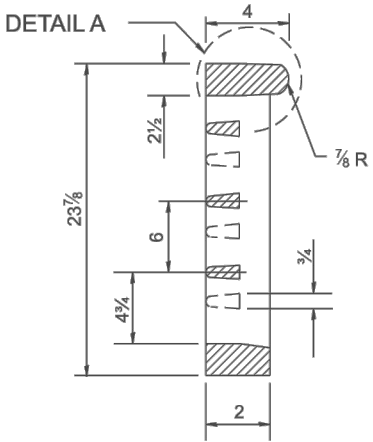
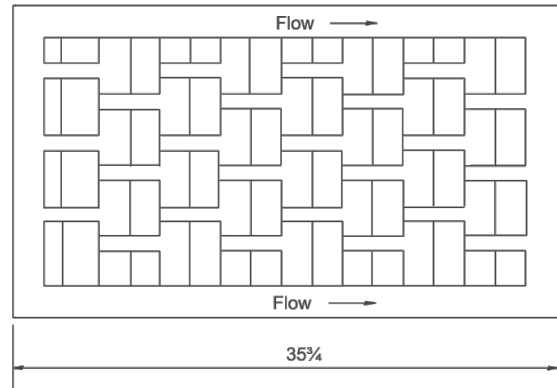
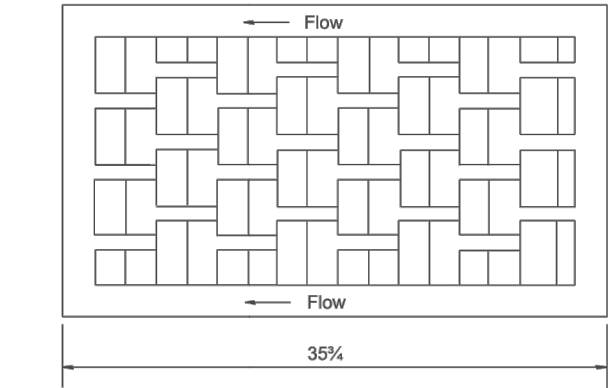
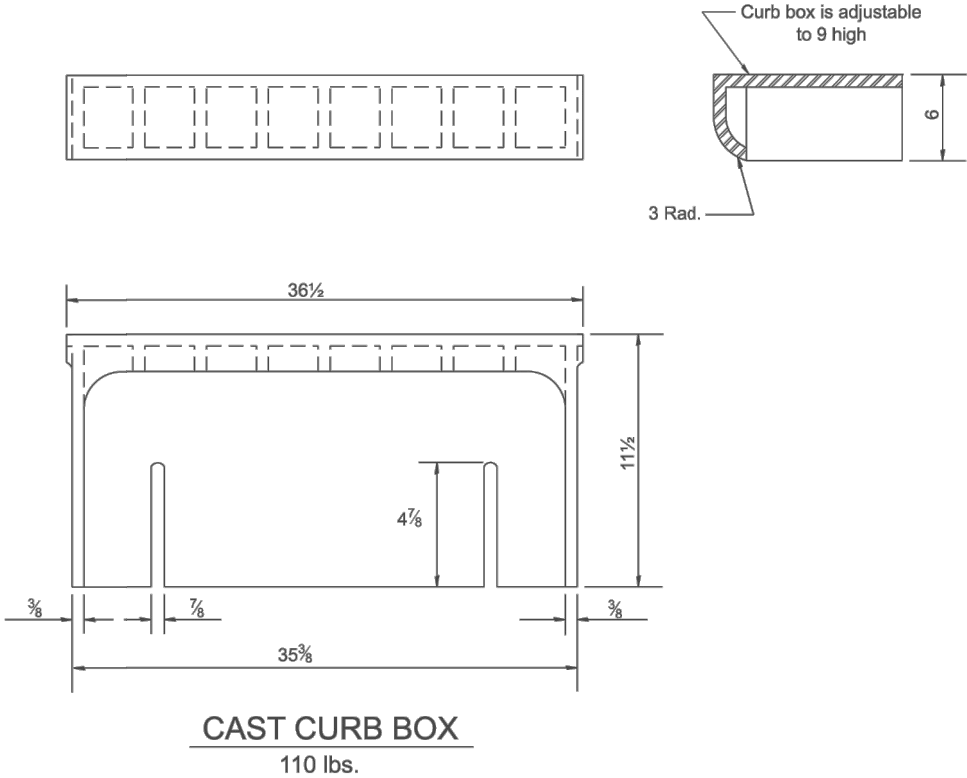


NOTES:

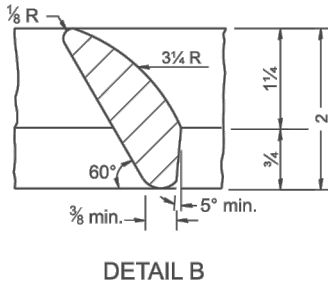
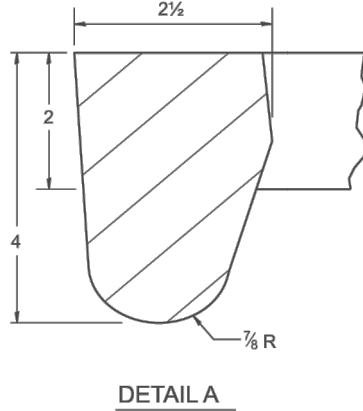
1. THE ENGINEER WILL DETERMINE WHAT AREAS WILL REQUIRE SUBGRADE REPLACEMENT.
2. THE PAY ITEM ROCK FILL (SPECIAL), INCLUDES REMOVAL OF EXISTING UNSUITABLE MATERIAL AND REPLACEMENT WITH CRUSHED STONE AS SPECIFIED.
3. UNSUITABLE MATERIAL SHALL BE PROPERLY DISPOSED OF OFF-SITE BY THE CONTRACTOR.
4. GEOTECHNICAL FABRIC IS INCIDENTAL TO ALL ROCK FILL (SPECIAL).

ROCK FILL DETAIL
N.T.S.

Z:\5035 - Lake Street Sidewalk - (Kewanee)\CADD\CADD Sheets Phase 2\5035 - Details.dwg

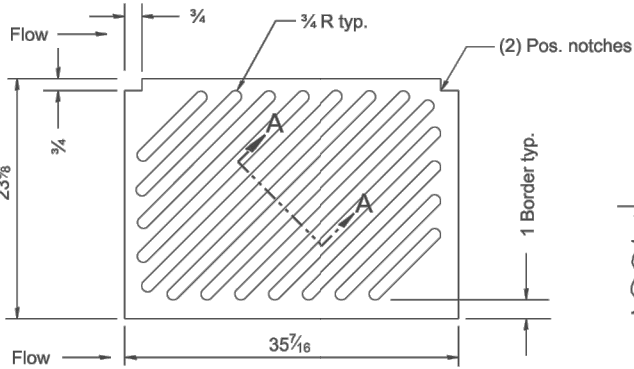
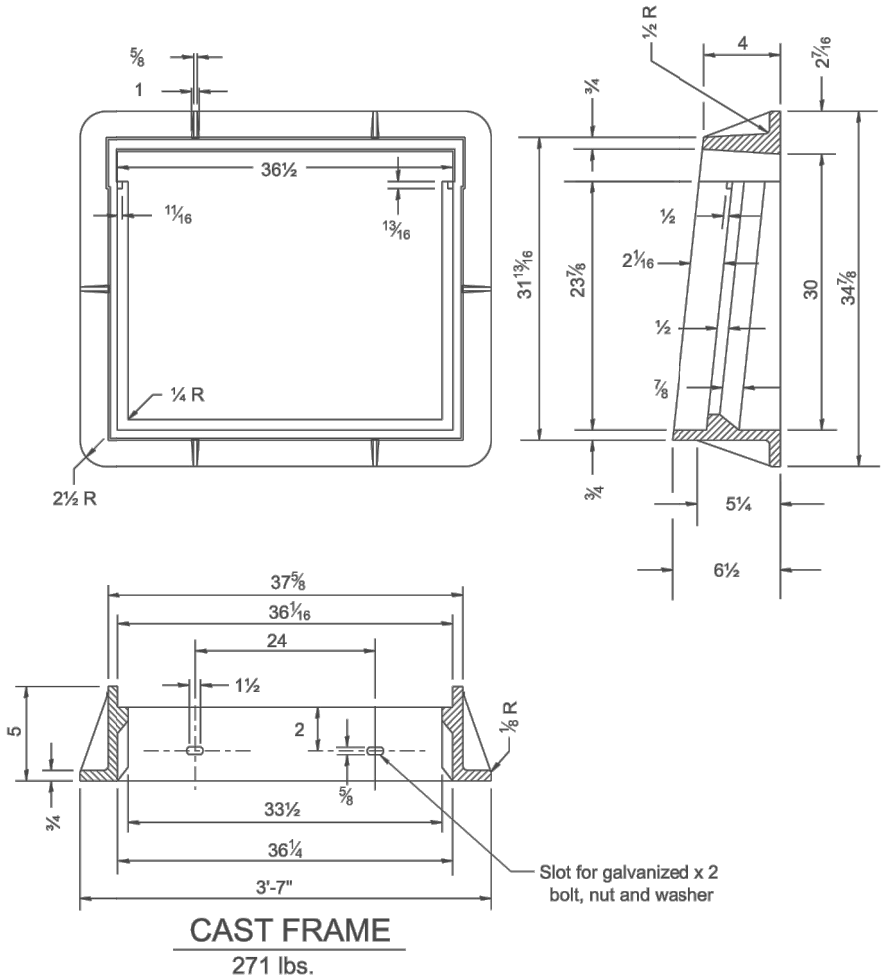


CAST VANE GRATES
(SPECIFY LEFT OR RIGHT FLOW)
230 lbs.

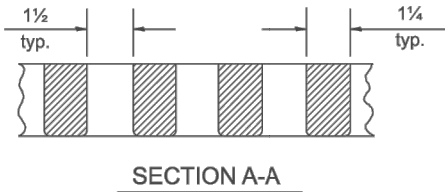


FRAMES FOR INLET TYPE G-1 DETAIL
N.T.S.

All dimensions are in inches unless otherwise noted.



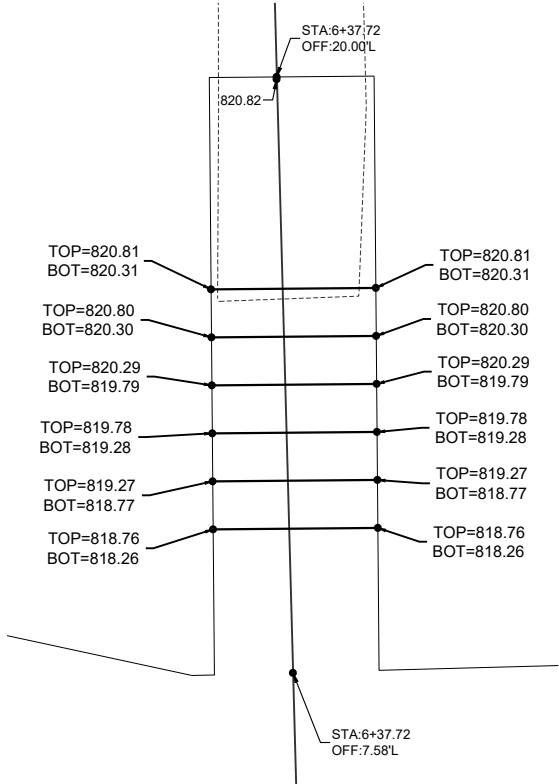
CAST DIAGONAL GRATE
(Reversible for flow)
217 lbs.



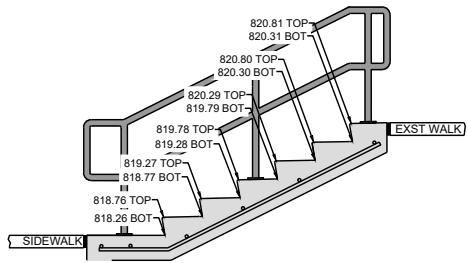
GENERAL NOTES

1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.

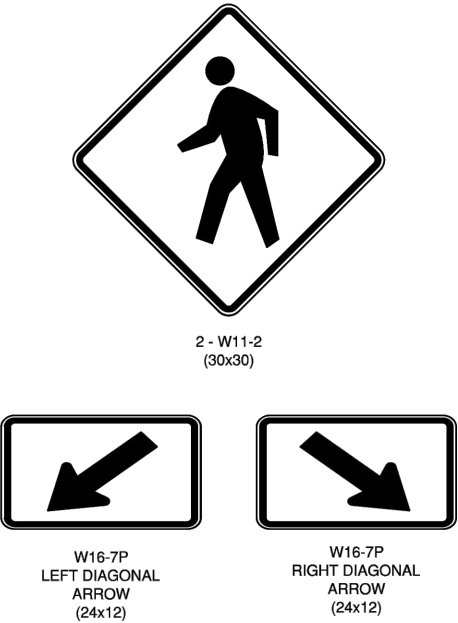
Z:\5035 - Lake Street Sidewalk - (Kewanee)\CADD\CADD Sheets Phase 2\5035 - Details.dwg



CONCRETE STEPS @ 6+37.72 - ELEVATION DETAIL
N.T.S.



NOTES:
SEE DISTRICT STDs 71.4 AND 63.2 FOR
CONCRETE STEPS AND PIPE HANDRAIL
DETAILS

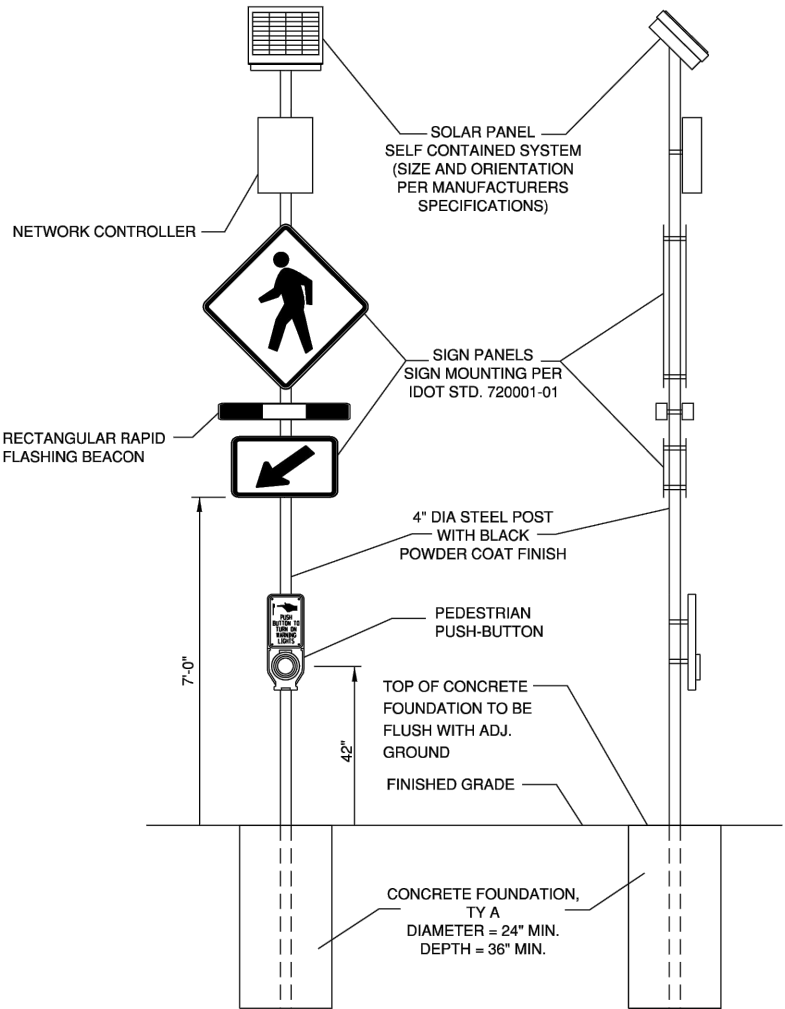


PEDESTRIAN CROSSING SIGN DETAILS

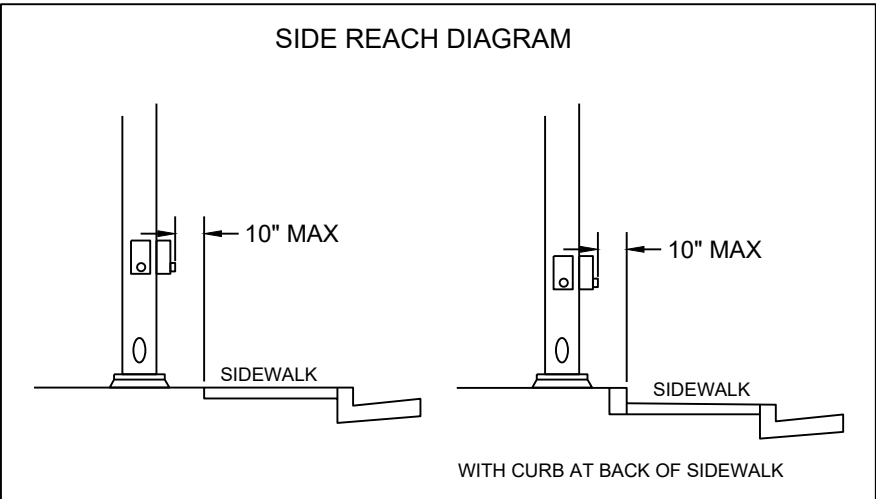


PEDESTRIAN PUSH-BUTTON SIGN DETAILS

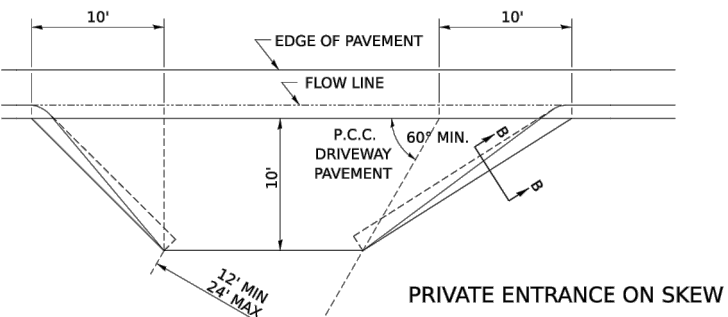
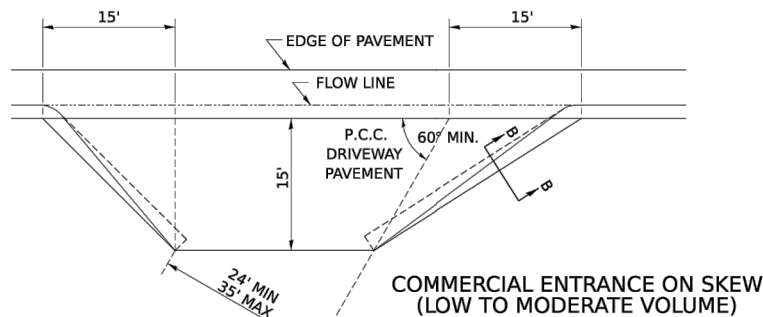
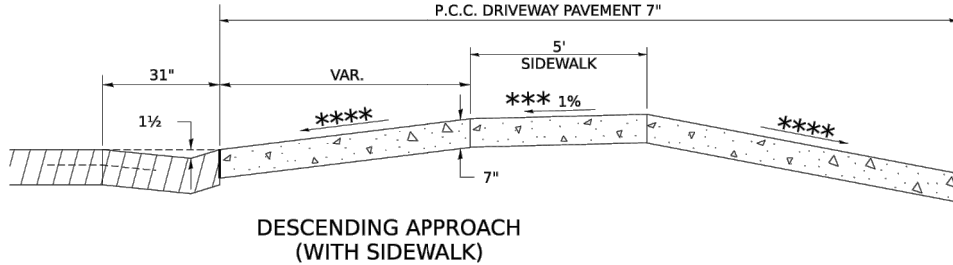
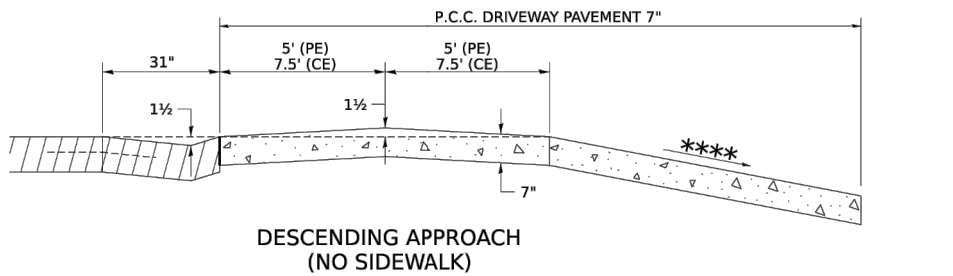
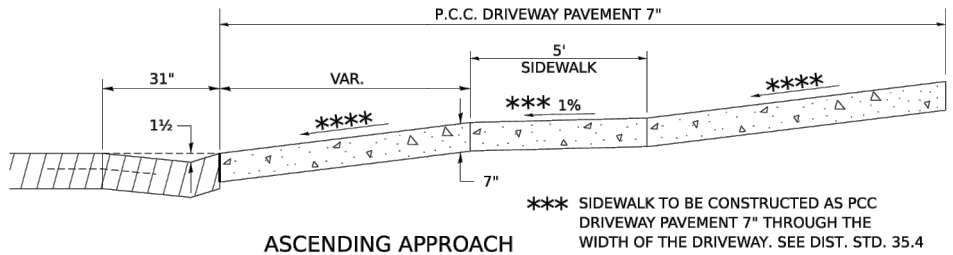
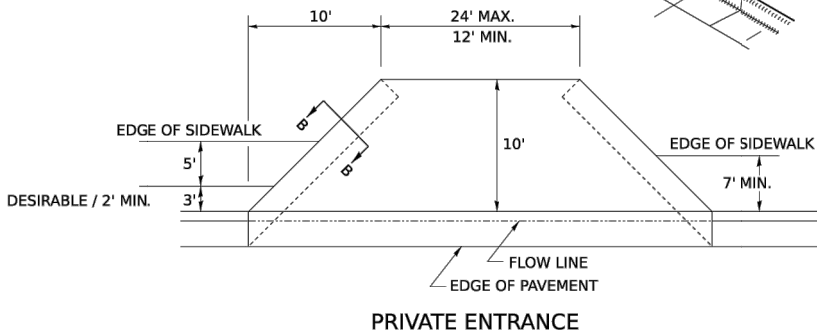
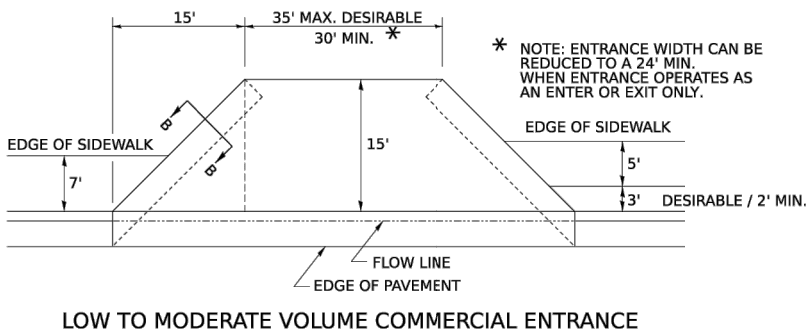
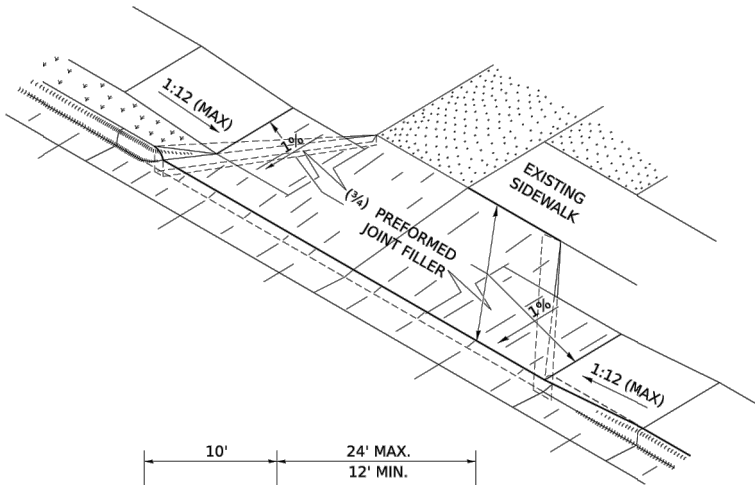
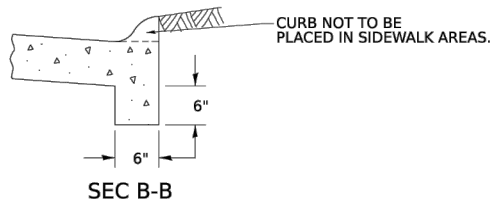
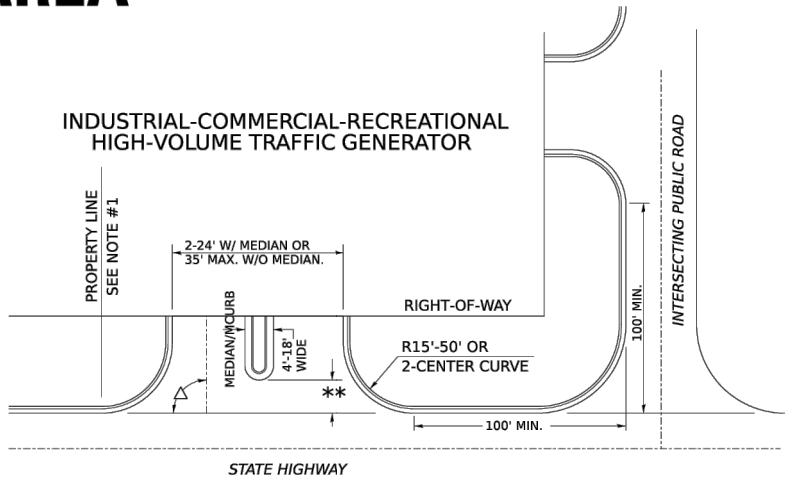
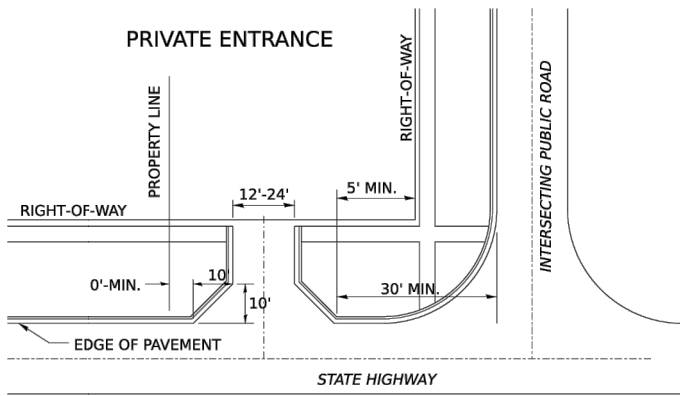
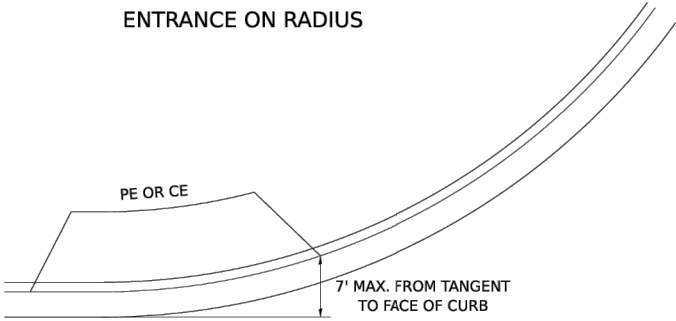
- NOTES:
1. WARNING SIGN SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND COLOR, SUPPLEMENTAL WARNING PLAQUE BACKGROUND COLOR TO MATCH
 2. SIGNS SHALL MEET MUTCD MINIMUM RETROREFLECTIVITY REQUIREMENTS, PER ASTM D4956



SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)
N.T.S.



ENTRANCE APPROACHES – URBAN AREA



NOTE: CURVED ENTRANCE RETURNS MAY BE USED FOR LOW TO MODERATE VOLUME LOCATIONS WITH REVIEW ON A CASE-BY-CASE BASIS.

A MINIMUM OF 440 FEET SHALL BE MAINTAINED BETWEEN CENTER LINES OF ADJACENT DRIVEWAYS. $\Delta 90^\circ$ DESIRABLE, 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS. 60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS. NOTE: #1 ENCROACHMENT ON THE ADJACENT PROPERTY OWNER LAND REQUIRES HIS OR HER WRITTEN APPROVAL.

** 4'-10' IF HIGHWAY CURBED. AT EDGE OF SHOULDER IF HIGHWAY UNCURBED.

*** SIDEWALK TO BE CONSTRUCTED AS PCC DRIVEWAY PAVEMENT 7" THROUGH THE WIDTH OF THE DRIVEWAY. SEE DIST. STD. 35.4
**** 4.0% DESIRABLE
6.0% MAX. COMMERCIAL
8.0% MAX. NON-COMMERCIAL

MODEL: 25p1
DATE: 3/12/2024
PLOT DATE: 3/12/2024

USER NAME	= IDOT/District 2	DESIGNED -	Designed By	REVISED -	7-19-18
PLOT SCALE	= 0.083' / in.	DRAWN -	Drawn By	REVISED -	1-03-18
PLOT DATE	= 3/12/2024	CHECKED -	Checked By	REVISED -	6-27-14
		DATE -	Checked Date	REVISED -	12-07-10

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

ENTRANCE APPROACHES – URBAN AREA

25.1



DESIGNED LAE	DATE - 03/21/28
DRAWN AJP	
CHECKED BAJ	
PROJECT #:	5035

LAKE STREET
SIDEWALK

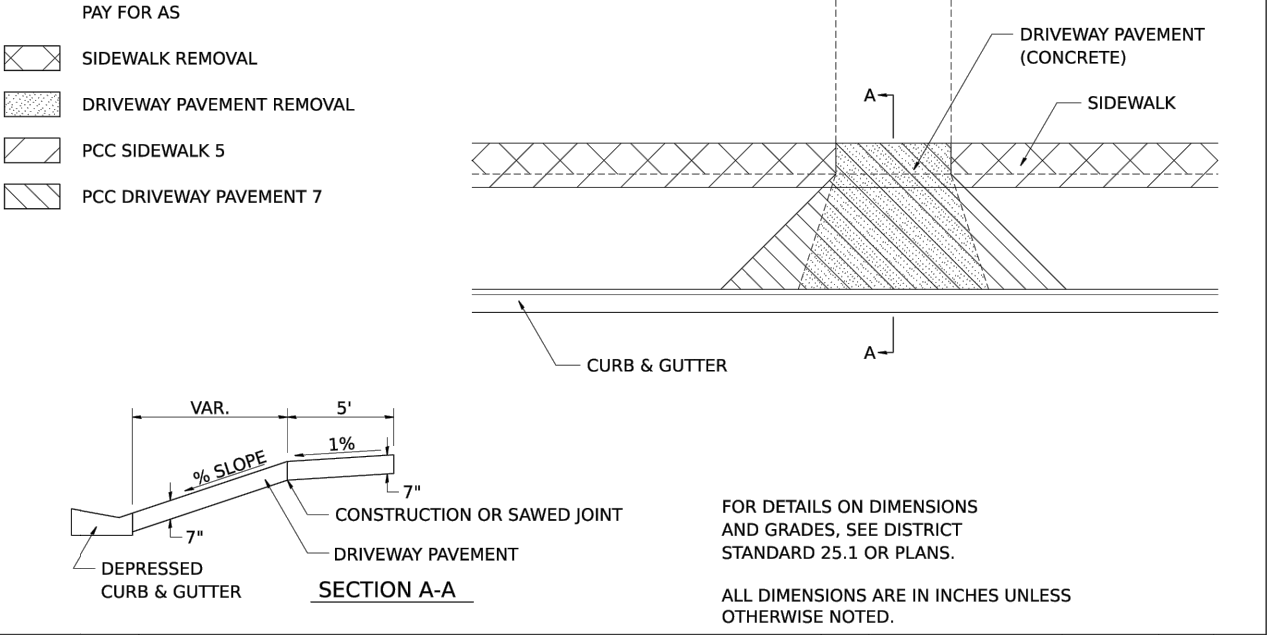


DISTRICT DETAILS (1 OF 2)

SHEET
24 OF 33

Z:\5035 - Lake Street Sidewalk - (Kewanee)\CADD\CADD Sheets Phase 2\5035 - Details.dwg

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS



MODEL: 35p4
FILE NAME: DISTRICT 2 STANDARD
PLOT DATE = 4/10/2025

REVISED - 6-27-14	REGION 2 / DISTRICT 2 STANDARD					F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 10-03-11											
REVISED -											
REVISED -						SCALE: SHEET OF SHEETS STA. TO STA.					CONTRACT NO.
							ILLINOIS		FED. AID PROJECT		

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS 35.4

DETAIL OF CONCRETE STEPS

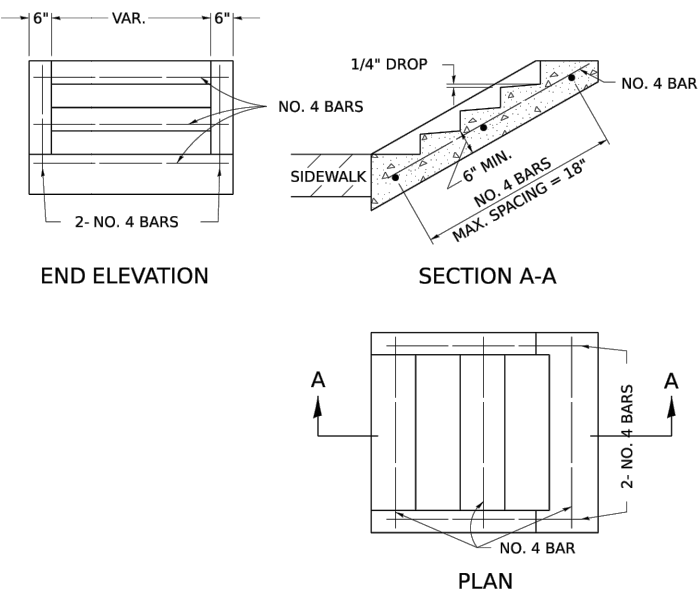


TABLE OF TREADS & RISERS

SLOPE	TREAD	RISER
1:2	12"	6"
1:3	15"	5"
1:4	17"	4 1/4"

WHERE SLOPES FALL BETWEEN THOSE SHOWN IN THE TABLE ABOVE, THE STAIR RAIL SHOULD FIT THE SLOPE AND THE TREAD IN INCHES x THE RISER IN INCHES SHOULD BE BETWEEN 72 AND 78.

EXAMPLE:

FOR A 1:4 SLOPE USE $y = \text{RISER HEIGHT } 4y = 75"$.
SOLVING $y \approx \frac{75}{4}$, $y = 4.3"$ (USE 4 1/4" FOR CONVENIENCE.)
TREAD WOULD THEN BE $4 \frac{1}{4}" \times 4 = 17"$

COST OF REINFORCEMENT BARS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LBS FOR REINFORCEMENT BARS.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT, WHICH SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STEPS

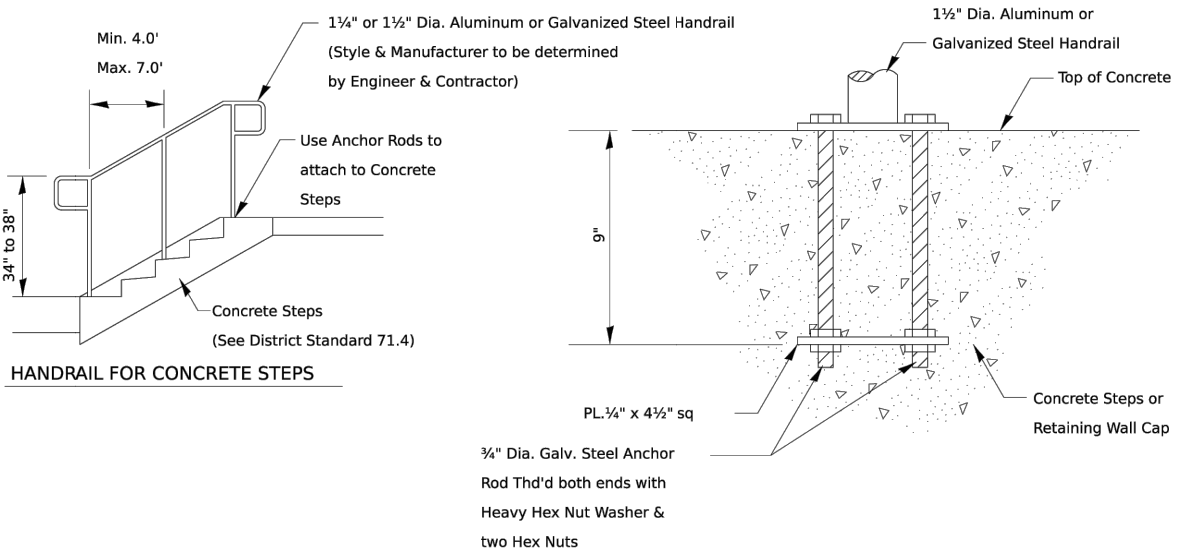
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

MODEL: 71p4
FILE NAME: DISTRICT 2 STANDARD
PLOT DATE = 4/10/2025

REVISED - 8-27-13	REGION 2 / DISTRICT 2 STANDARD					F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
REVISED - 10-03-11												
REVISED -										CONTRACT NO.		
REVISED -						SCALE: SHEET OF SHEETS STA. TO STA.						

DETAIL OF CONCRETE STEPS 71.4

PIPE HANDRAILS FOR STEPS



MODEL: 63p2
FILE NAME: DISTRICT 2 STANDARD
PLOT DATE = 4/10/2025

REVISED - 1-05-16	REGION 2 / DISTRICT 2 STANDARD					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 10-14-11										
REVISED -										
REVISED -										
	SCALE: SHEET OF SHEETS STA. TO STA.					CONTRACT NO.				
						ILLINOIS FED. AID PROJECT				

PIPE HANDRAILS FOR STEPS 63.2



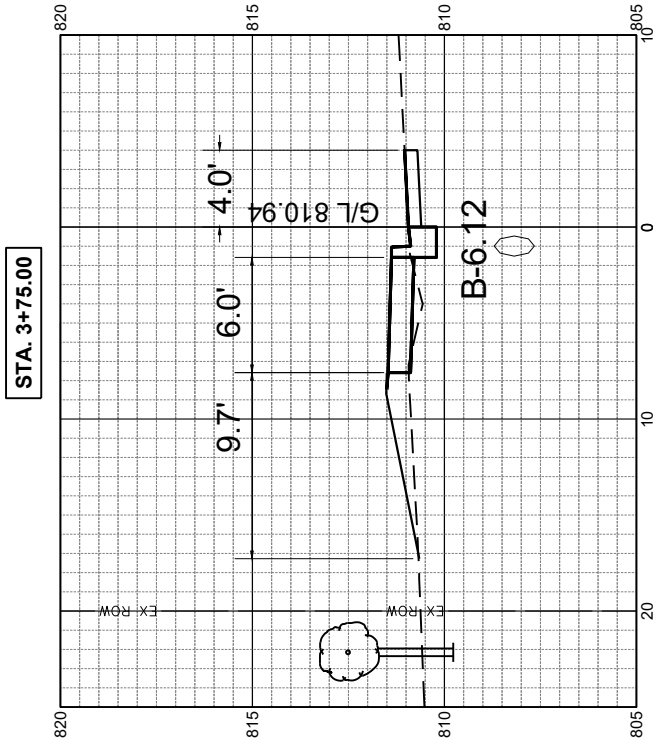
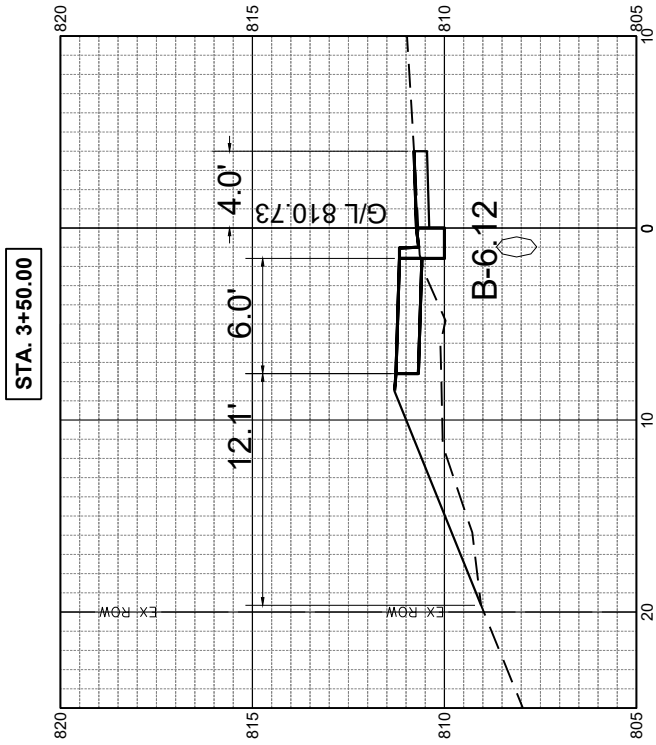
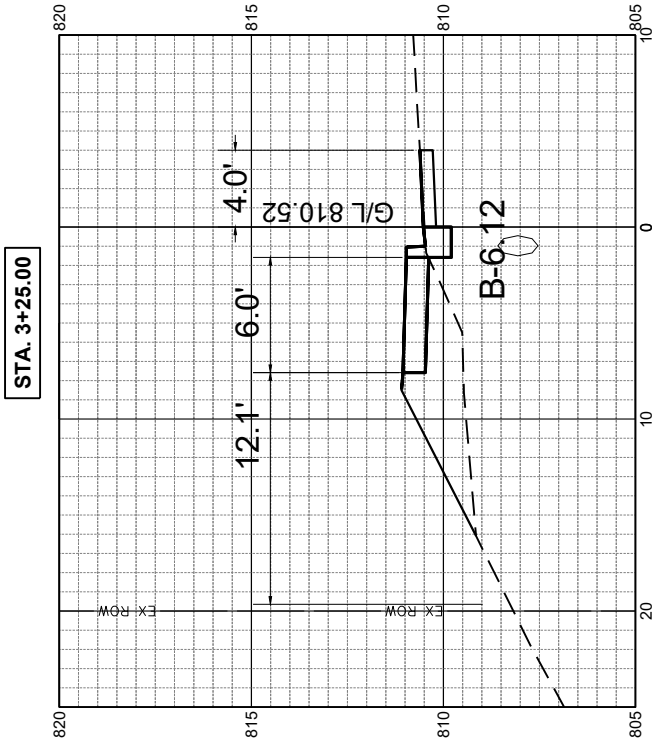
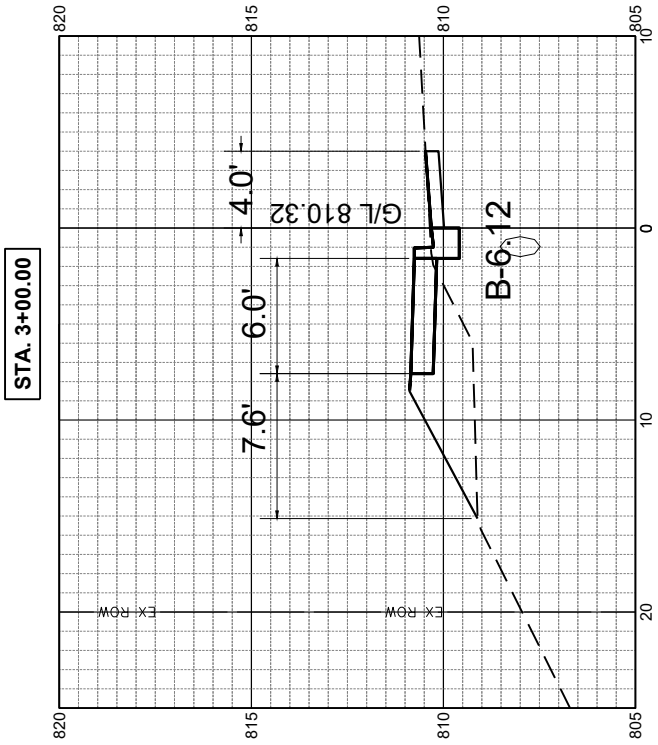
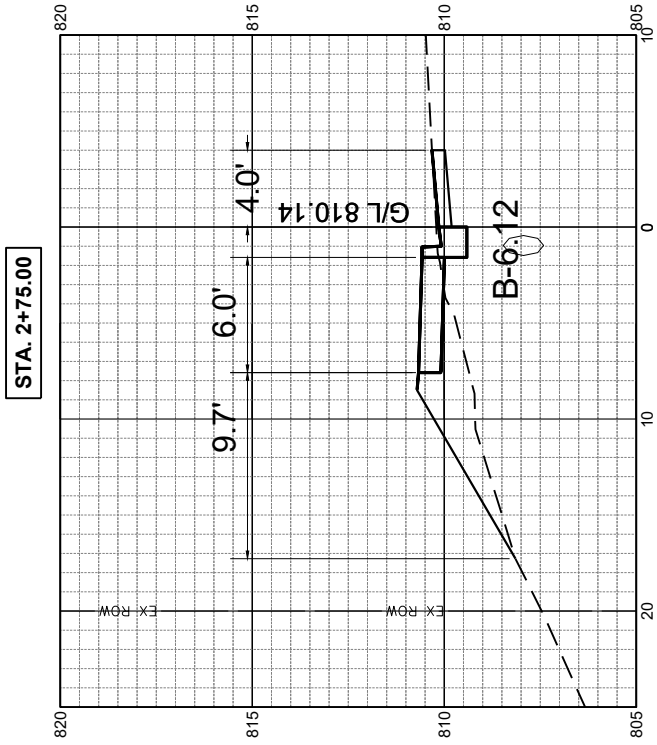
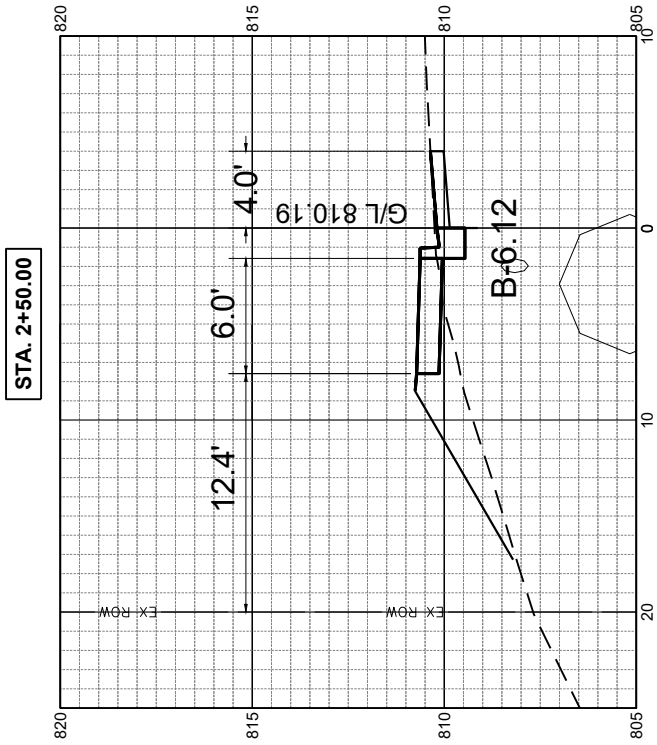
DESIGNED LAE
DATE 03/24/28
DRAWN AJP
CHECKED BAJ
PROJECT #: 5035

LAKE STREET
SIDEWALK



DISTRICT DETAILS (2 OF 2)

SHEET
25 OF 33



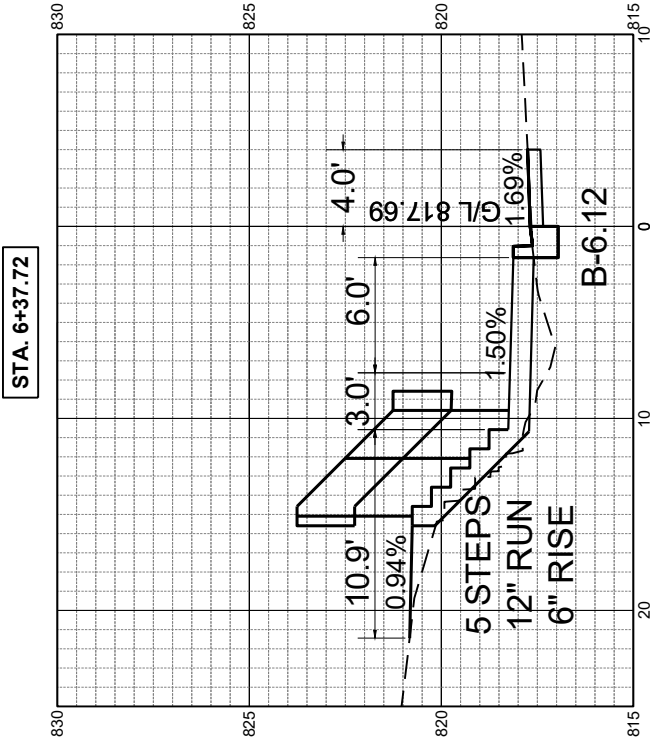
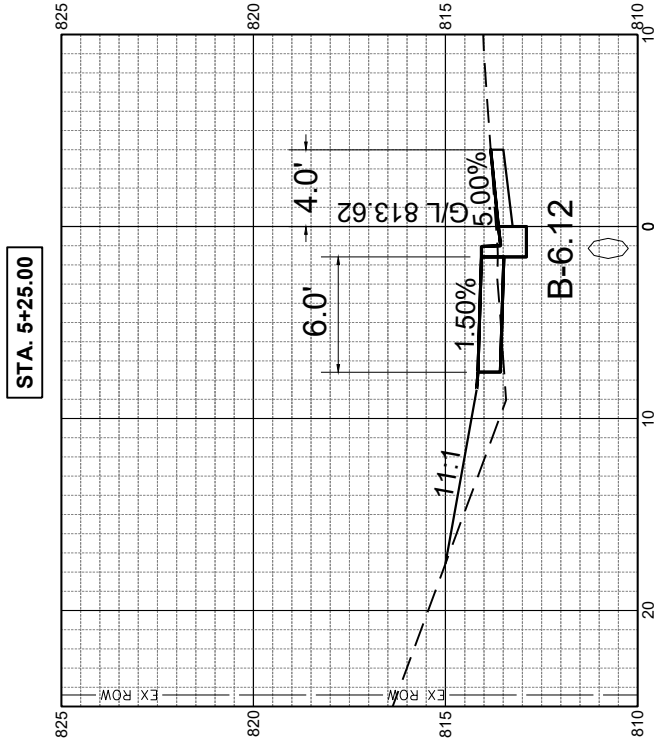
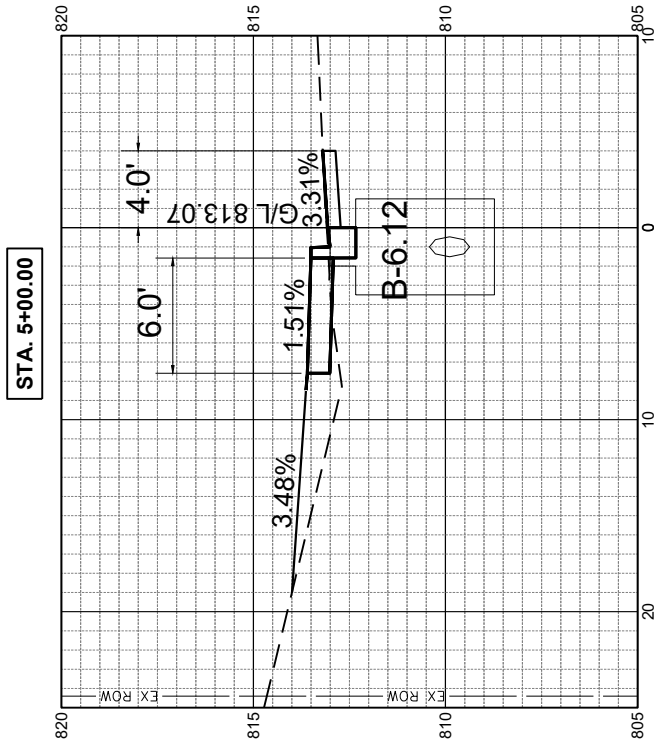
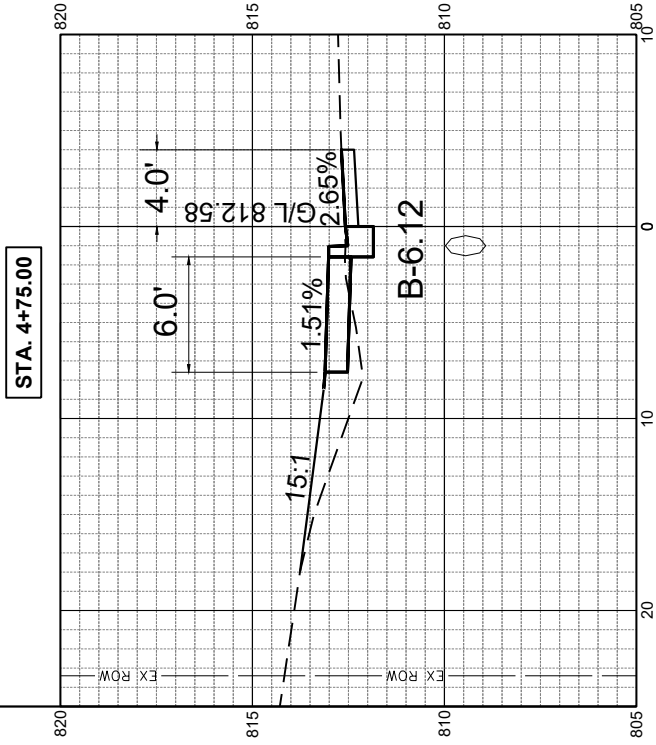
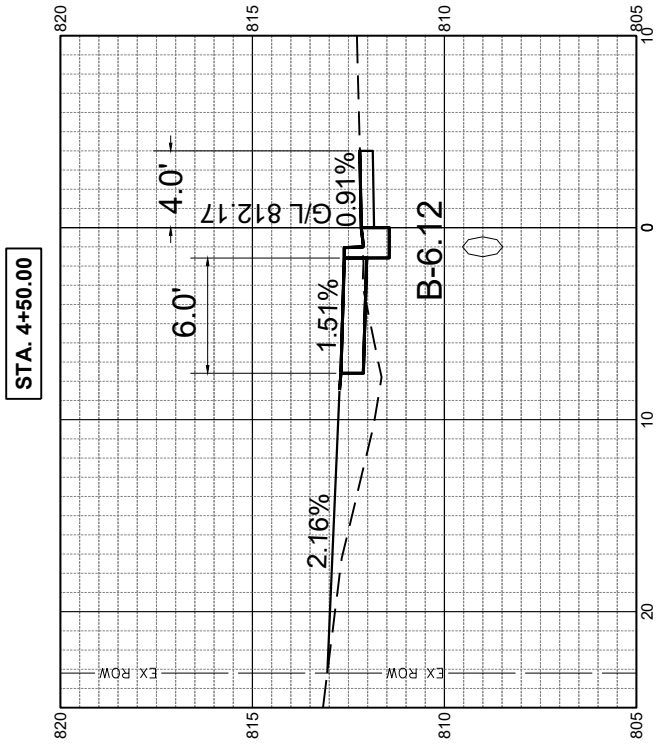
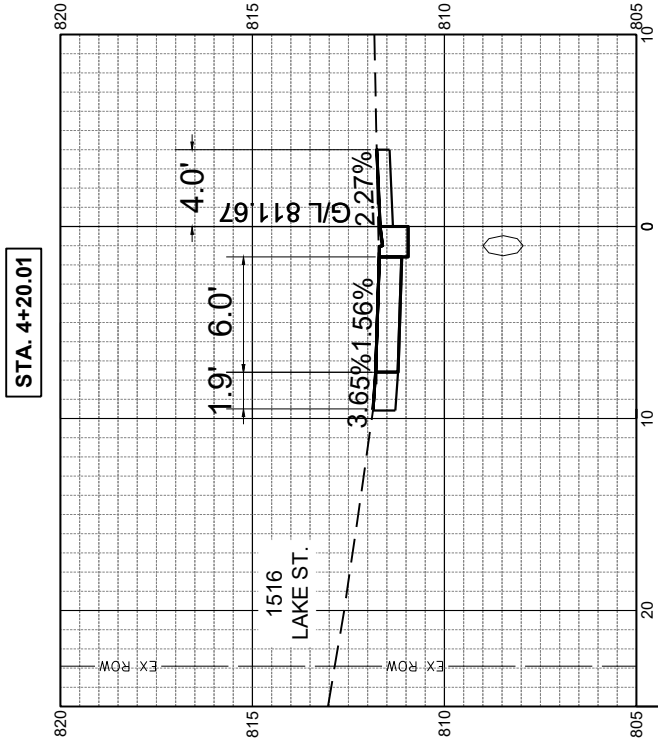
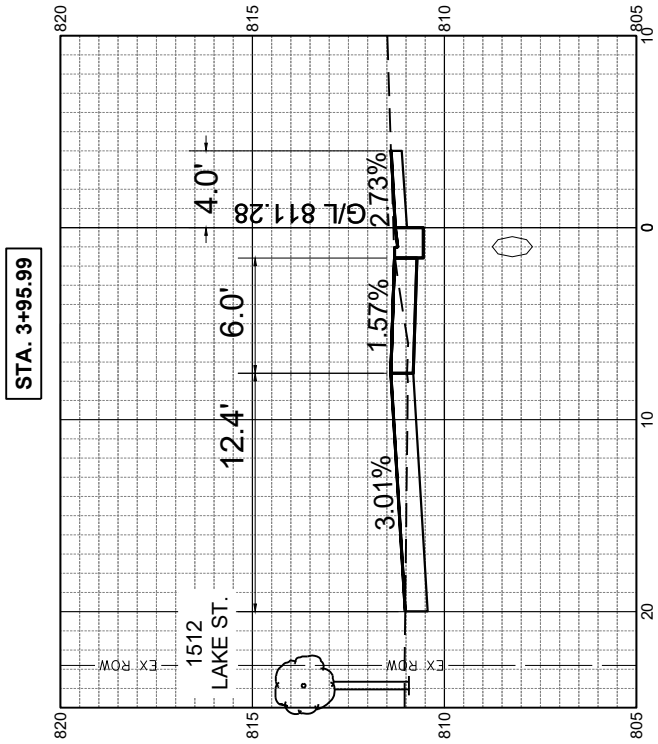
DESIGNED LAE	DATE-- 3/31/25
DRAWN AJP	
CHECKED BAJ	
PROJECT #: 5035	

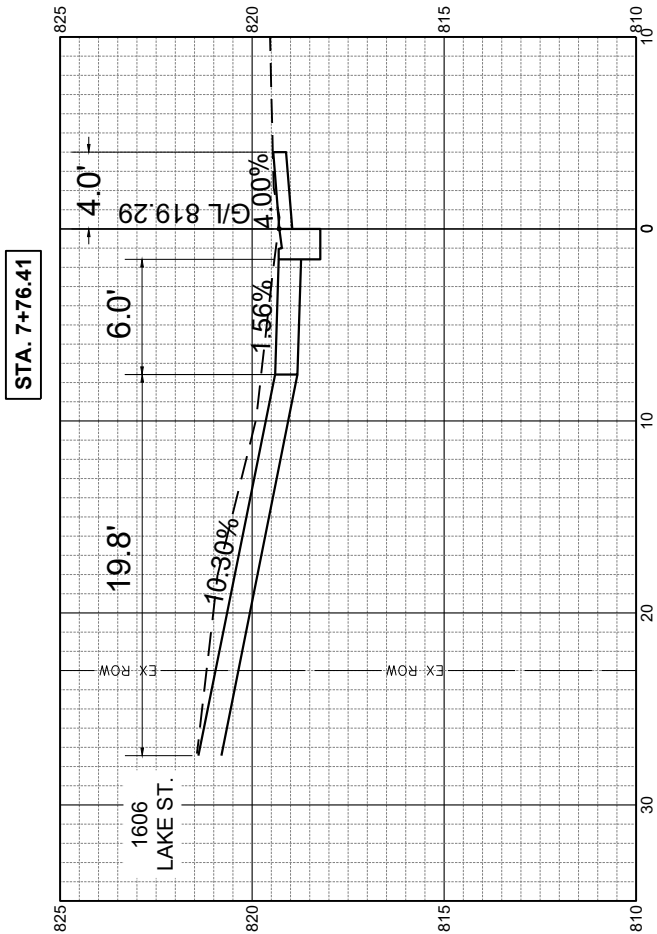
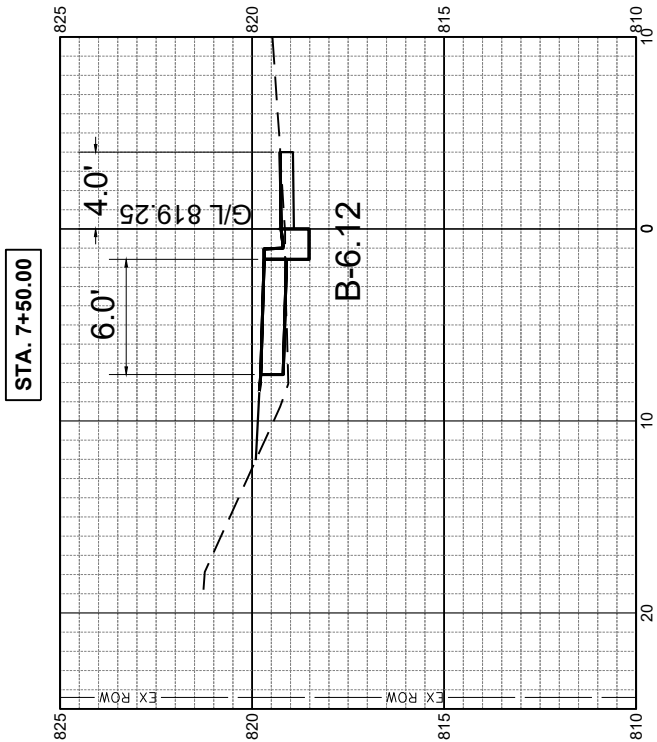
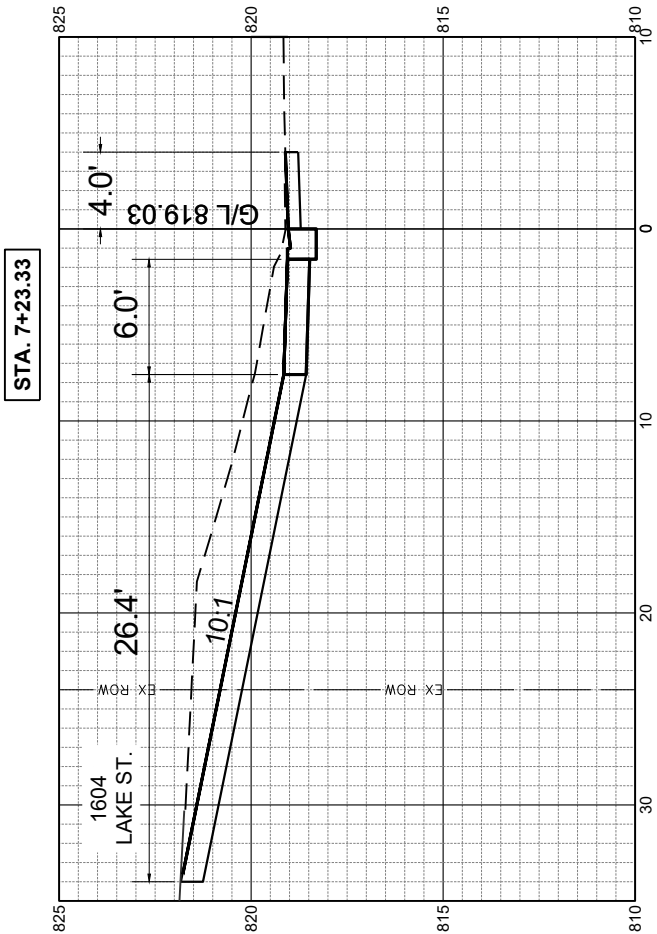
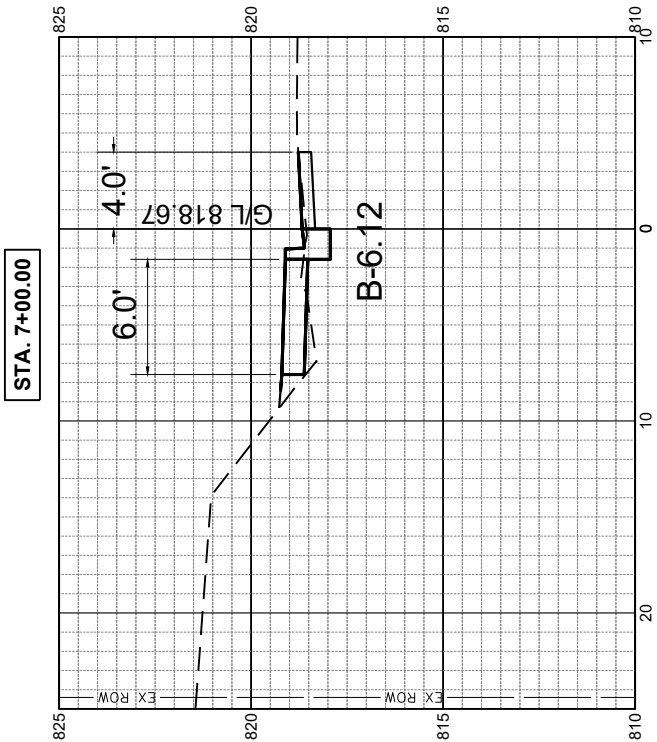
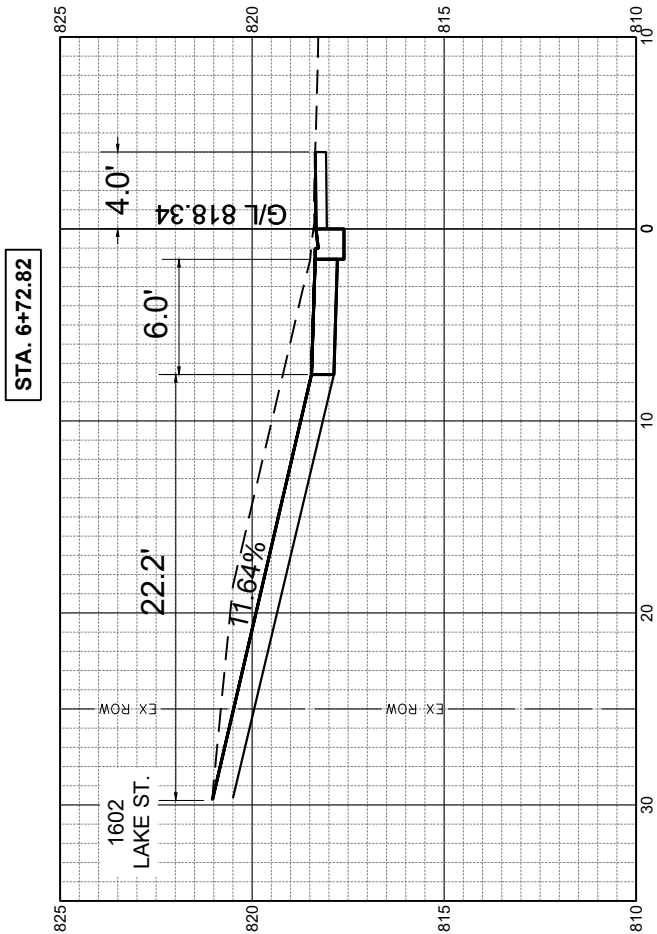
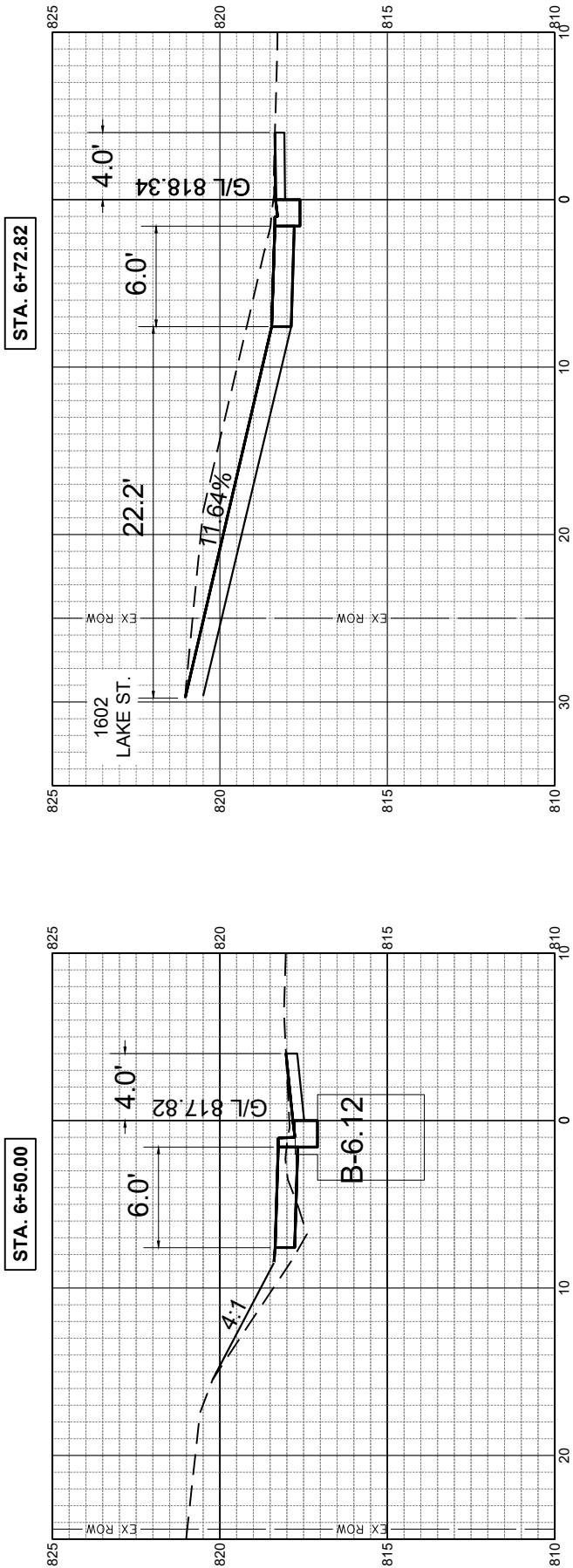
LAKE STREET
SIDEWALK

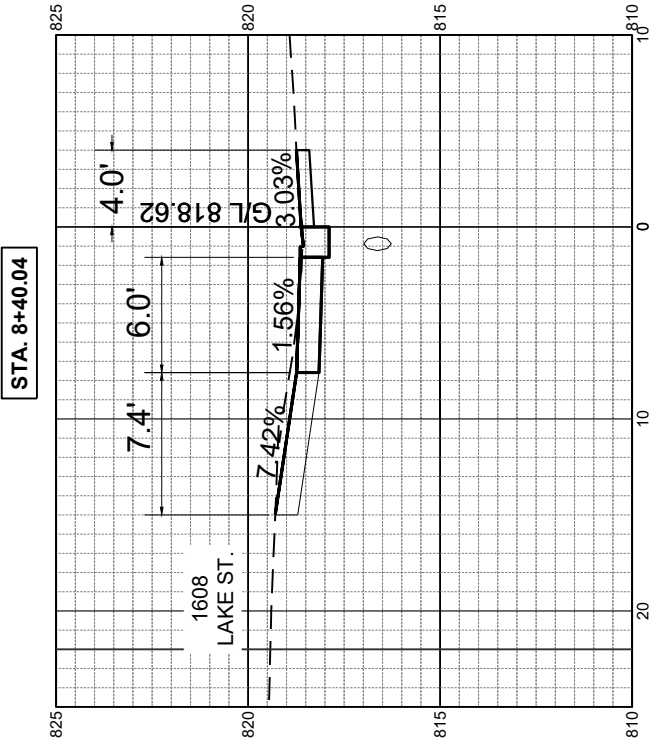
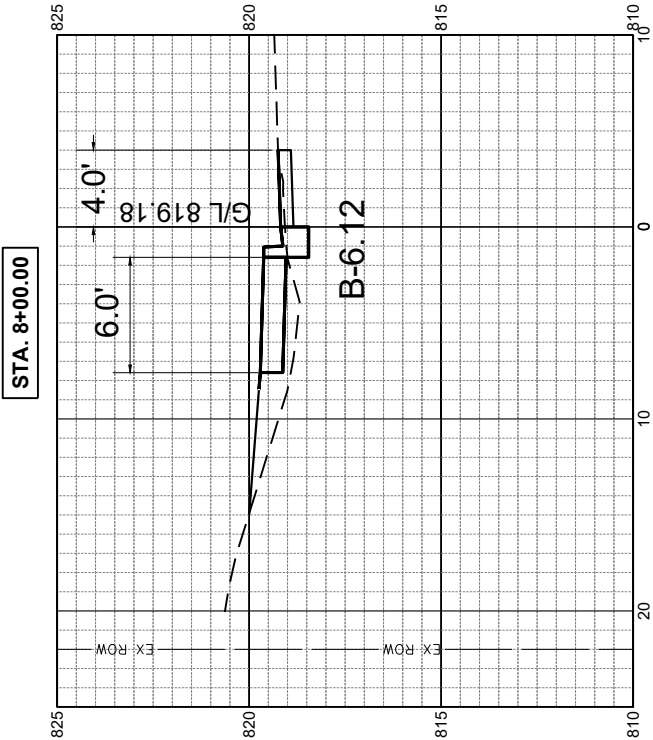
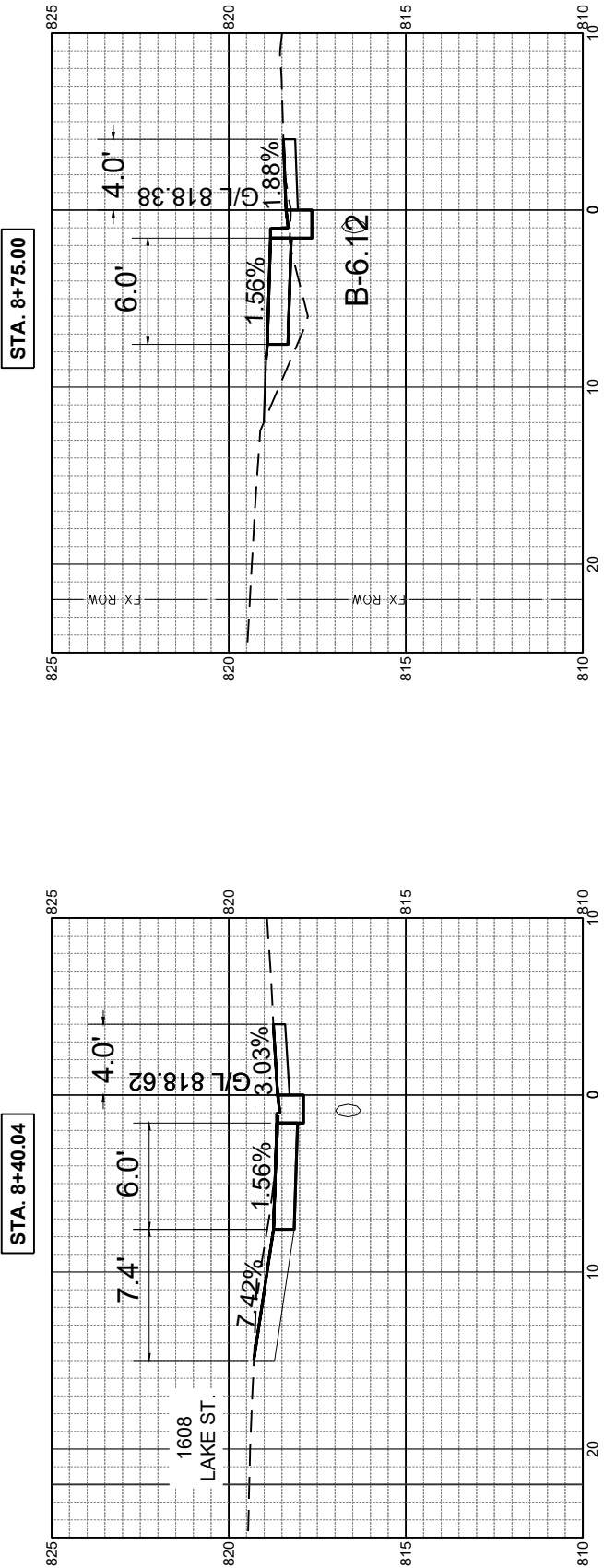
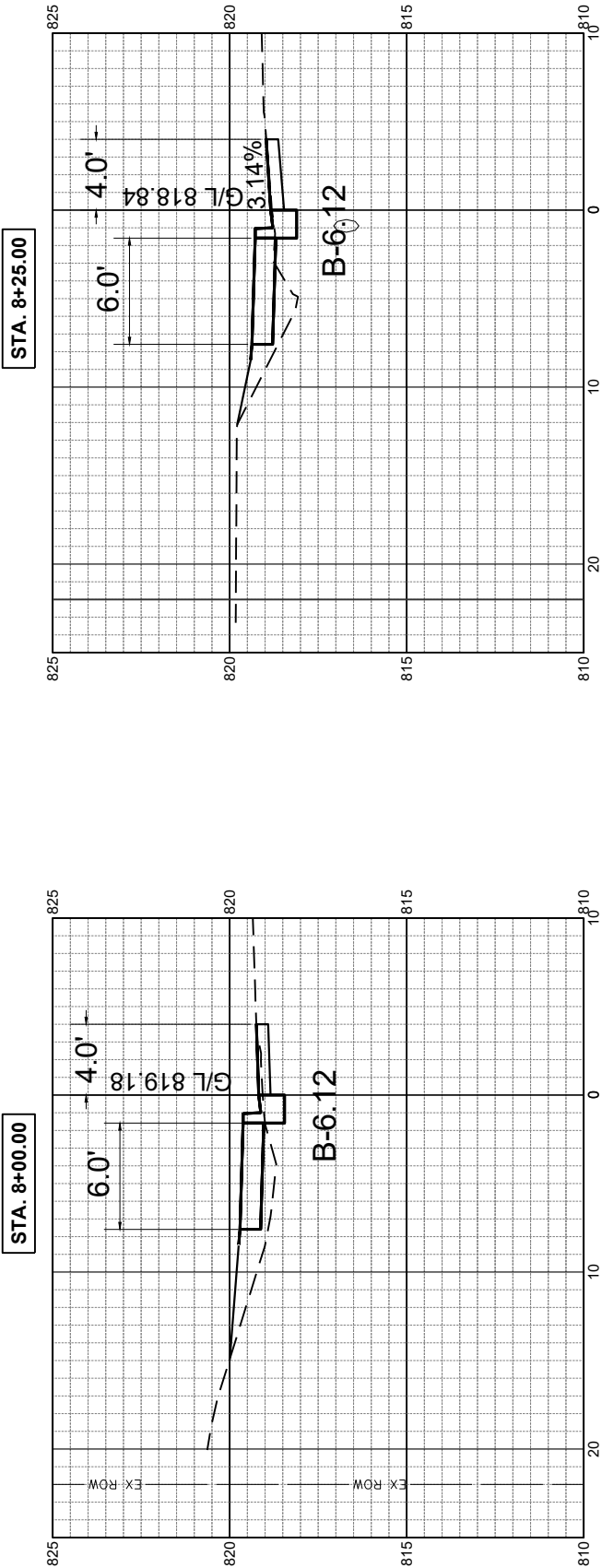


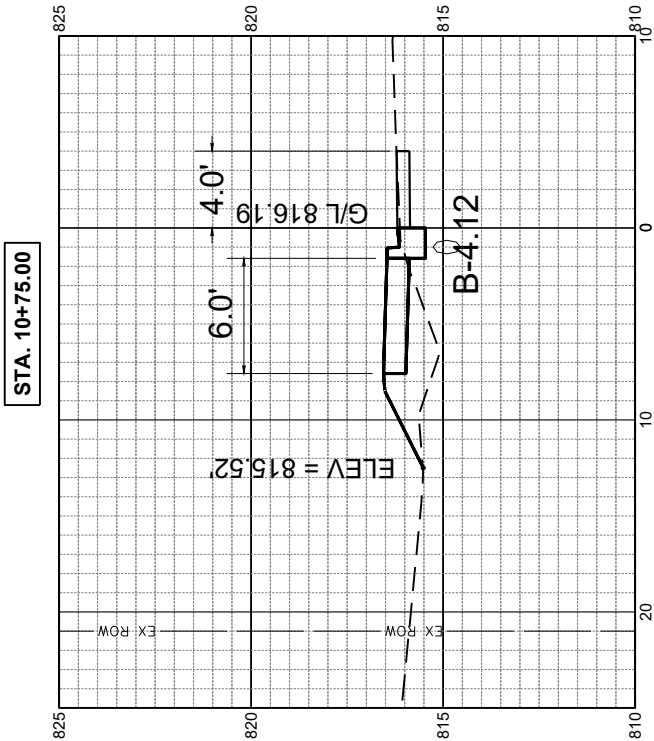
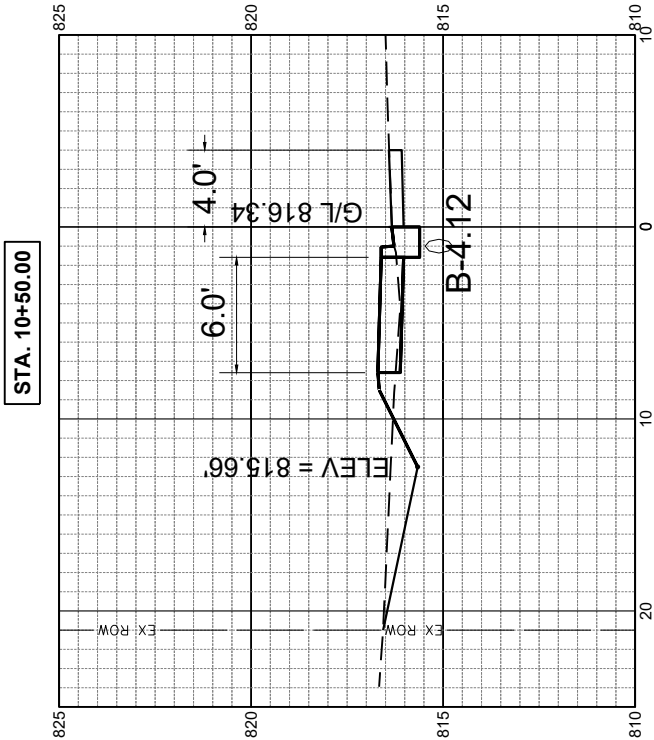
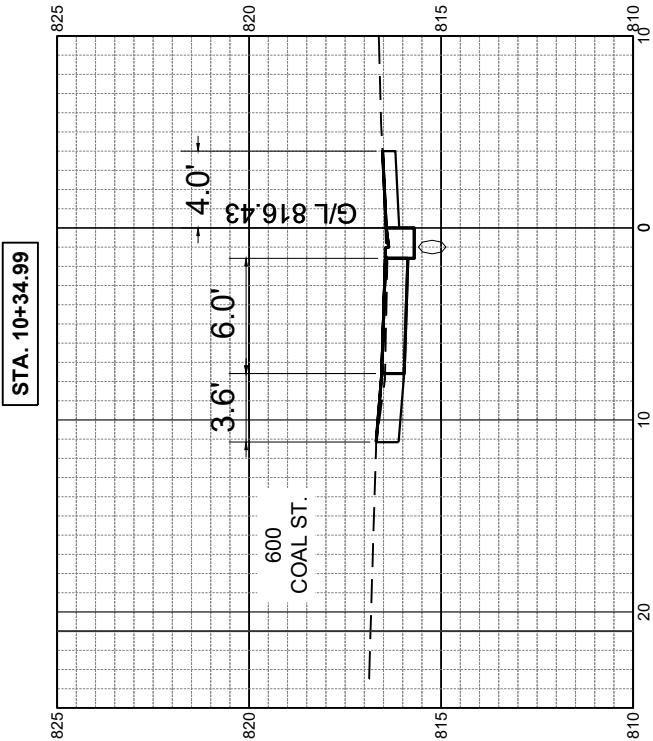
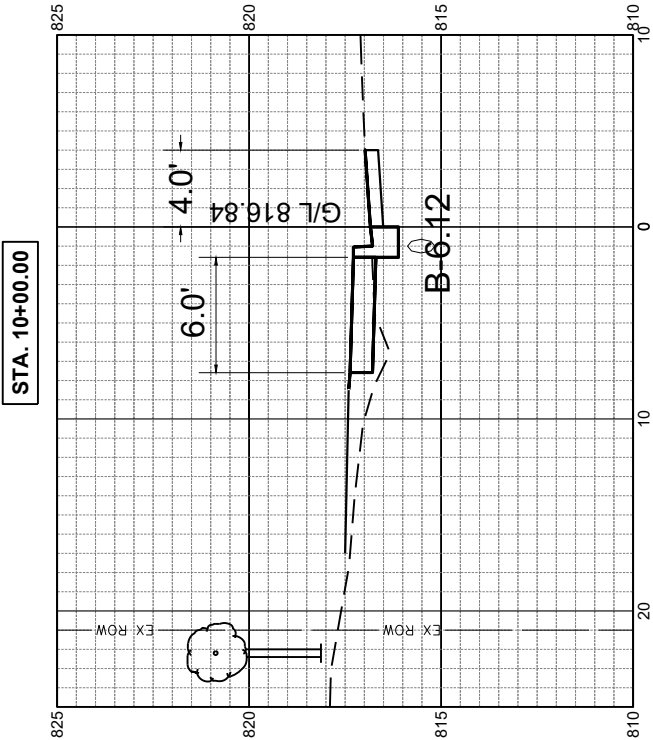
CROSS SECTIONS (1 OF 7)

SHEET
26 OF 33



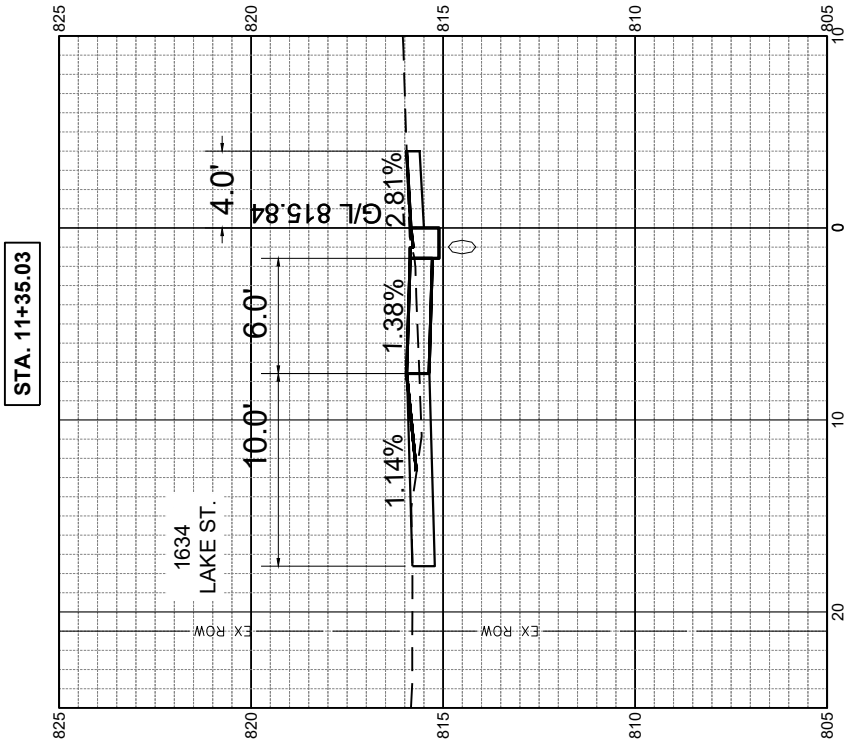
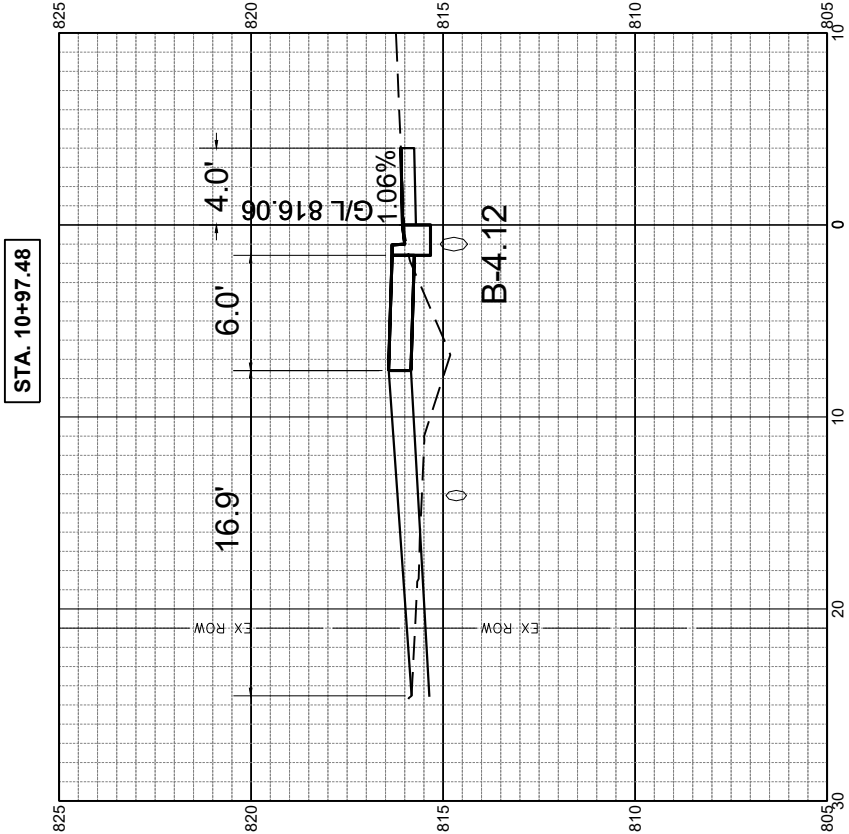






*REDUCE CURB HEIGHT TO 4" (INCIDENTAL TO B-6.12)

*REDUCE CURB HEIGHT TO 4" (INCIDENTAL TO B-6.12)



*REDUCE CURB HEIGHT TO 4" (INCIDENTAL TO B-6.12)

*REDUCE CURB HEIGHT TO 4" (INCIDENTAL TO B-6.12)

