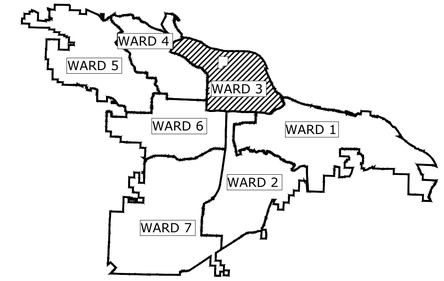
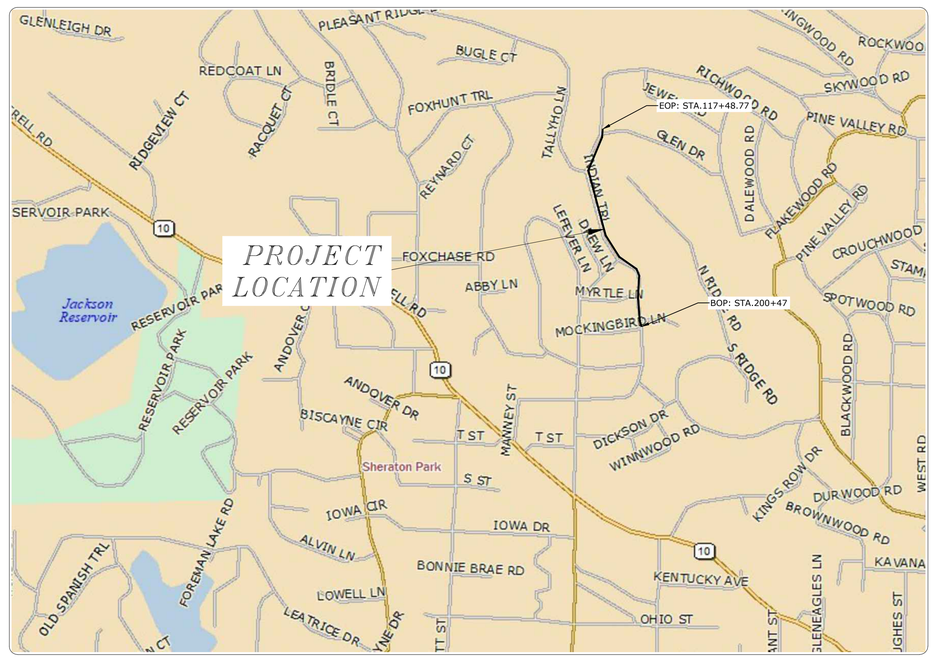
INDIAN TRAIL SIDEWALK
GLEN DR. TO MOHAWK CIR.
LITTLE ROCK, ARKANSAS



PROJECT LOCATION - WARD 3



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100% PLANS
MCE JOB #24-5757
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 WEST MARKHAM STREET
LITTLE ROCK, ARKANSAS 72201

McCLELLAND CONSULTING ENGINEERS, INC.
DESIGNED TO SERVE
http://www.mce.us.com

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

COVER

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

SEAL

DRAWN BY	JLB
DESIGNED	JLB
CHECKED	CGS
DATE	3.5.2025
SCALE	1" = 20'
PROJECT NO.	MCE 24-5757
SHEET NO.	C1

ITEM NUMBER	ITEM	QUANTITY	UNIT
2.01	SITE PREPARATION	1	LUMP SUM
3.01	UNCLASSIFIED EXCAVATION (STA. 112+50 - 116+50)	121	CU. YD.
3.07	COMPACTED EMBANKMENT (STA. 112+50 -116+50)	1259	CU. YD.
8.01	CONCRETE CURB AND GUTTER (CLASS 3)	1700	LIN. FT.
9.01	CONCRETE SIDEWALKS	2973	SQ. FT.
9.30	CONCRETE SIDEWALKS "TURN DOWN"	5500	SQ. FT.
10.01	JUNCTION BOX	2	EACH
10.02	CURB INLET	2	EACH
10.10	WING 6' EXTENSION	2	EACH
11.01	CONCRETE, REINFORCED RETAINING WALL	27	CU. YD.
13.42	SIDE DRAIN, 42"	380	LIN. FT.
14.01	SOLID SODDING (BERMUDA) (INCLUDES 4" TOPSOIL)	912	SQ. YD.
16.01	MAINTENANCE OF TRAFFIC	1.00	LUMP SUM
18.07	HAND RAILING	1041	LIN. FT.
18.09	HANDICAP RAMP (TYPE 3) (INCLUDES TRUNCATED DOMES)	7	SQ. YD.
18.09	HANDICAP RAMP (TYPE 5) (INCLUDES TRUNCATED DOMES)	8	SQ. YD.
18.45	GROUTED RIP RAP	203	SY.YD
19.01	FINAL CLEAN UP	1	LUMP SUM
24.01	SILT FENCE	1209	LIN. FT.
32.42	FLARED END SECTIONS, 42"	1	EACH
SP	CONCRETE HEADWALL	1	EACH
609	DROP INLET (SPECIAL)	6	EACH
609	DROP INLET EXTENSION (4')	4	EACH
609	DROP INLET EXTENSION (8')	1	EACH

PAY ITEM NOTES:

SITE PREPARATION SHALL INCLUDE CLEARING AND GRUBBING AND REMOVAL & DISPOSAL OF ITMES

THE SUMMARY OF QUANTITIES ON SHEET C2 WILL REFLECT COMPACTED EMBANKMENT AND UNCLASSIFIED EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE PIPE NETWORK. ALL OTHER EARTHWORK QUANTITIES ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND ARE CONSIDERED SUBSIDIARY TO SIDEWALK AND DRIVEWAY CONSTRUCTOIN, WITH COST INCLUDED IN THE RESPECTIVE BID ITEMS.

EXISTING

IRON ROD — IR
PK NAIL — PK
R.R. SPIKE — RR(Sp)
CONC. MONUMENT — CM
WATER VALVE — WV
WATER METER — WM
FIRE HYDRANT — FH
GAS METER — GM
GAS VALVE — GV
CLEAN-OUT — CO
GUARD POST (BOLLARD) — GP
SIGN POST
BENCHMARK
STORM SEWER MANHOLE — D
SANITARY SEWER MANHOLE — S
TELEPHONE MANHOLE — T
ELECTRIC MANHOLE — E
TELEPHONE BOX — T
ELECTRIC BOX — E
CABLE BOX — C
UTILITY POLE
GUY WIRE
LIGHT POLE
POST OR POLE (TYPE AS NOTED)
MAILBOX
DECIDUOUS TREE
EVERGREEN/CONIFEROUS TREE
BUSH
PROPERTY LINE
SETBACK LINE
EASEMENT LINE
CURB
FENCE — X — X — X —
OVERHEAD ELECTRIC — OE — OE —
OVERHEAD TELEPHONE — OT — OT —
OVERHEAD CABLE — OC — OC —
UNDERGROUND TELEPHONE — UGT —
UNDERGROUND ELECTRIC — UGE —
UNDERGROUND CABLE — UGC —
WATER LINE — 8"W —
SEWER LINE — 8"SS —
GAS LINE — 4"G —
STORM SEWER/CULVERT — 24" CMP/RCP/DIP
EDGE OF WOODS
CONTOUR LINE — 650

NOTE: CONTRACTOR SHALL LOCATE ALL EXISTING SPRINKLER SYSTEMS AND RELOCATE THEM TO THE RIGHT OF WAY AS PART OF SITE PREPARATION

NOTE: ASPHALT DRIVEWAY EXTENSIONS SHALL BE 2" ACHM SURFACE COURSE ($\frac{1}{2}$") & 7" AGGREGATE BASE COURSE. THE CONTRACTOR MAY, WITH THE APPROVAL OF THE ENGINEER, SUBISTITUTE AN EXTENSION CONSISTING OF 2" ACHM SURFACE COURSE ($\frac{1}{2}$") AND 4" ACHM BINDER COURSE (1").

PROPOSED

PROPOSED CONTOUR — 25
PROPOSED SPOT ELEVATION — 25.00
PROPOSED SPOT CURB ELEVATION — 25.50 / 25.00
STORM SEWER – PIPE
STORM SEWER – MITERED END SECTION
STORM SEWER – GRATE INLET
STORM SEWER – JUNCTION BOX — D D
STORM SEWER – FLARED END SECTION
STORM SEWER – HEADWALL
STORM SEWER – SINGLE WING — D
STORM SEWER – DOUBLE WING — D
STORM SEWER – AREA INLET — D
GRADE BREAK LINE
HIGH POINT — HP
LOW POINT — LP
CUT LINE — C —
FILL LINE — F —
SANITARY SEWER PIPE — SAN —
SANITARY SEWER MANHOLE — S
PROPOSED CURB
PROPOSED CONCRETE
CONSTRUCTION – ENTRANCE/EXIT — CO
CHECK DAM — CD
DIVERSION BERM — DI
DOWNDRAIN STRUCTURE – TEMPORARY — DN
ROCK DAM — RD
SEDIMENT BARRIER – SILT FENCE — SD1
SEDIMENT BARRIER – GRAVEL RING — SD2
SEDIMENT BARRIER – BLOCK & GRAVEL — SD3
SEDIMENT BARRIER – BLOCK — SD4
TEMPORARY SEDIMENT BASIN — SB1
SILT FENCE – TYPE A — SFA
SILT FENCE – TYPE B — SFB
SILT FENCE – TYPE C — SFC
STORM DRAIN OUTLET PROTECTION — ST
SURFACE ROUGHENING — SU
DISTURBED AREA STABILIZATION – TEMPORARY STABILIZATION — TS1
DISTURBED AREA STABILIZATION – TEMPORARY GRASSING — TS2
DISTURBED AREA STABILIZATION – PERMANENT GRASSING — TS3
MATTING/BLANKETS — Mb

GENERAL SITE NOTES

1. CONTRACTOR SHALL RETAIN A FULL SET OF LATEST APPROVED CONSTRUCTION PLANS ON SITE DURING CONSTRUCTION ACTIVITIES.
2. CONSTRUCTION METHODS AND MATERIALS NOT SPECIFIED IN THESE PLANS ARE TO MEET OR EXCEED THE SITE WORK SPECIFICATIONS PROVIDED BY McCLELLAND CONSULTING ENGINEERS, INC. OR AS SPECIFIED BY THE OWNER'S RESIDENT REPRESENTATIVE.
3. ALL CONSTRUCTION WORK AND UTILITY WORK OUTSIDE OF PROPERTY BOUNDARIES SHALL BE PERFORMED IN COOPERATION WITH AND IN ACCORDANCE WITH REGULATIONS OF THE AUTHORITIES CONCERNED.
4. PUBLIC CONVENIENCE AND SAFETY:
   THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE, AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO TRAFFIC AND SHALL PROVIDE FOR THE CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND RESIDENTS ALONG AND ADJACENT TO HIGHWAYS IN THE CONSTRUCTION AREA IN AN ADEQUATE AND SATISFACTORY MANNER IN ACCORDANCE WITH THE ARKANSAS DOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
5. UNLESS OTHERWISE NOTED, ALL CURBING INDICATED SHALL BE 24" CONCRETE CURB AND GUTTER.
6. ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE FROM THE FACE OF CURB, FACE OF BUILDING, OR CENTERLINE OF STRIPE.
7. CONTRACTOR SHALL REFER TO ARCHITECT PLANS FOR EXACT BUILDING LOCATION, DIMENSIONS, AND UTILITY ENTRANCE LOCATIONS.
8. CONTRACTOR SHALL REFER TO PROJECT SPECIFICATIONS AND GEOTECHNICAL REPORT DETAILS FOR PAVING DESIGN AND PROPER MATERIALS.
9. ALL RADII FOR CURBS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
10. ALL RADII ON CURBS ARE 3'-0" UNLESS OTHERWISE NOTED.
11. GENERAL CONTRACTOR SHALL COORDINATE AND COMPLY WITH ALL UTILITY COMPANIES INVOLVED IN PROJECT AND PAY ALL REQUIRED FEES AND COSTS.
12. FOR SITE UTILITIES, SEE UTILITY PLAN(S).
13. ALL WORK TO BE DONE IN STRICT ACCORDANCE WITH THE OWNER'S STANDARD SITE SPECIFICATIONS.
14. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING (UNLESS APPROVED OTHERWISE BY THE ENGINEER OF RECORD).

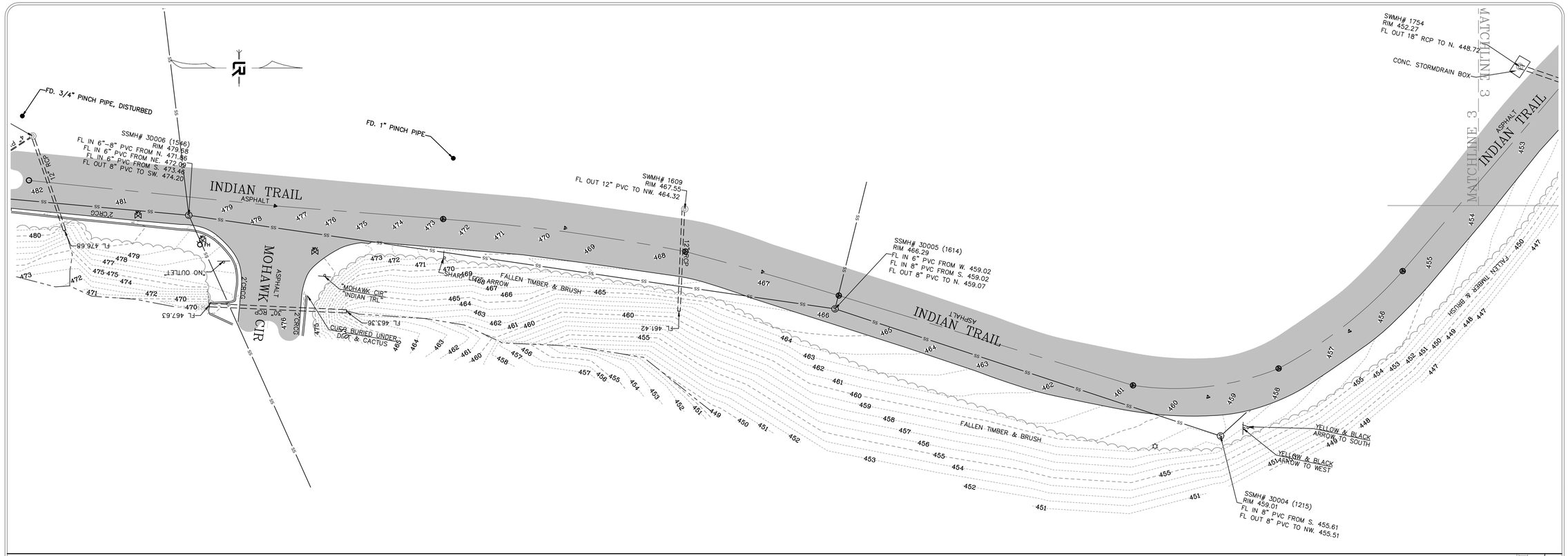
REVISIONS	DATE

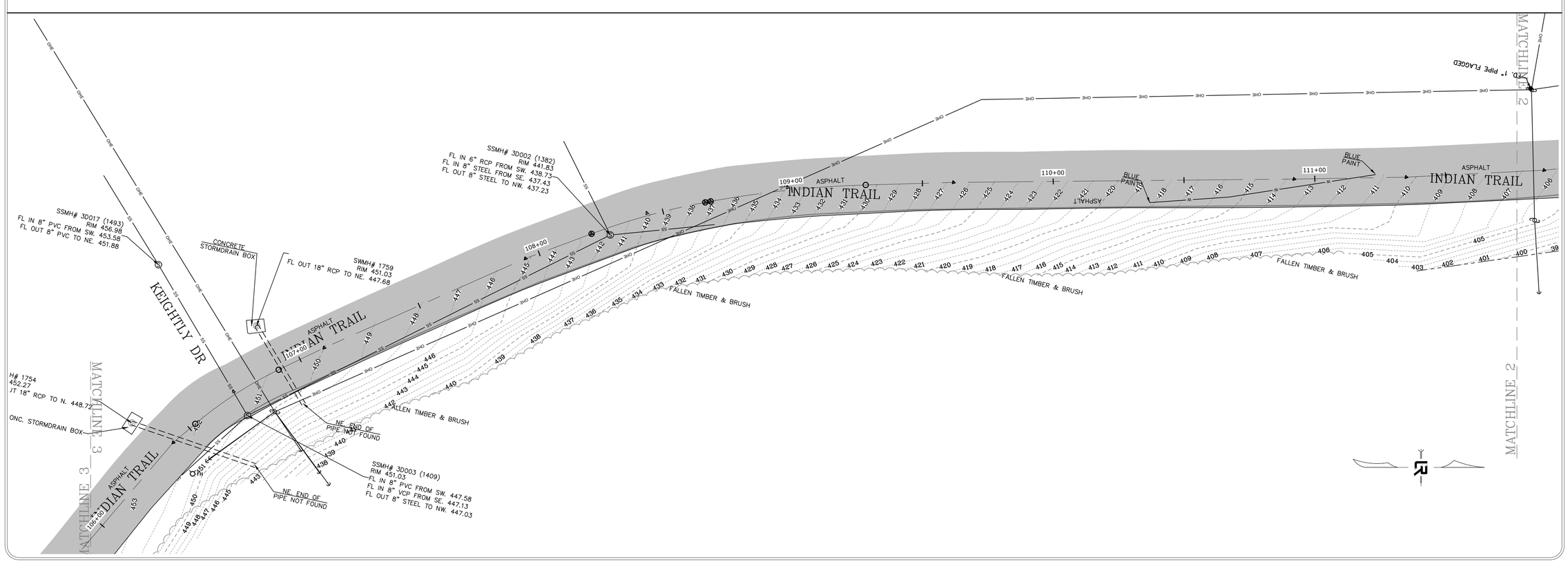
CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

SUMMARY OF QUANTITIES/LEGEND

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY: CGS
DESIGNED: JLB
CHECKED: CGS
DATE: 3.17.2025
SCALE: 1" = 20'
PROJECT NO.: MCE 24-5757
SHEET NO.: C2





REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

TOPOGRAPHIC SURVEY

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JDM/JAS
DESIGNED	AWM
CHECKED	AWM
DATE	8.28.2024
SCALE	1" = 20'
PROJECT NO.	MCE 24-5757
SHEET NO.	C3

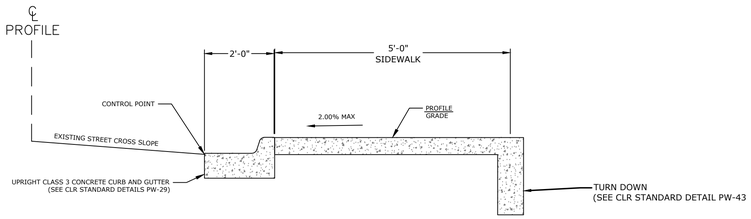
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

TOPOGRAPHIC SURVEY

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

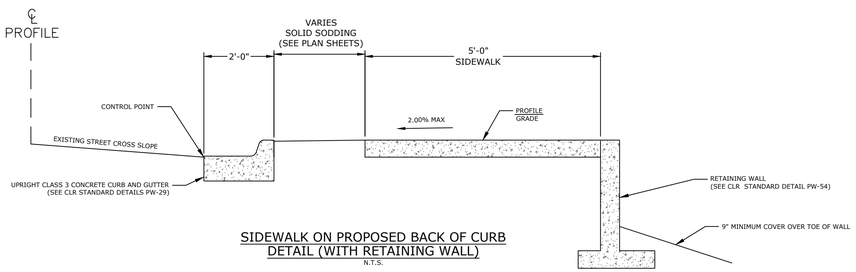
DRAWN BY	JDM/JAS
DESIGNED	AWM
CHECKED	
DATE	8.28.2024
SCALE	1" = 20'
PROJECT NO.	MCE 24-5757
SHEET NO.	C4



SIDEWALK ON PROPOSED BACK OF CURB AND GUTTER DETAIL (WITH TURN DOWN)

N.T.S.

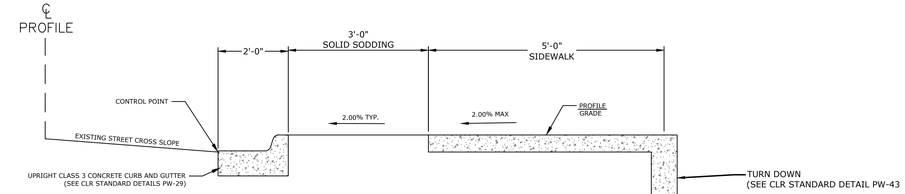
STA. 101+11 TO STA. 106+30
STA. 107+00 TO STA. 111+97



SIDEWALK ON PROPOSED BACK OF CURB DETAIL (WITH RETAINING WALL)

N.T.S.

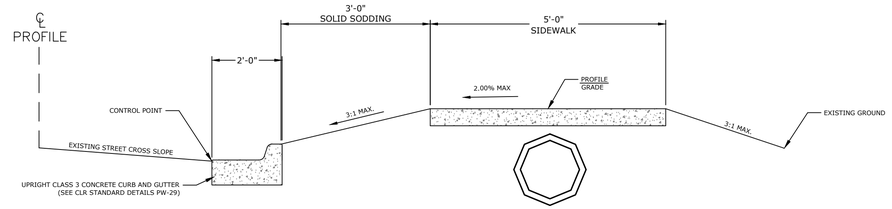
STA. 106+30 TO STA. 107+00



SIDEWALK WITH 3' GREENSPACE ON PROPOSED BACK OF CURB DETAIL (WITH TURN DOWN)

N.T.S.

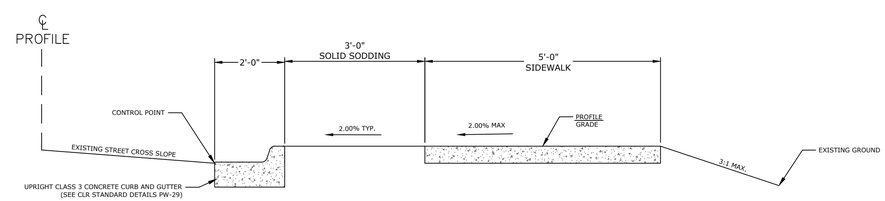
STA. 111+97 TO STA. 112+43



SIDEWALK WITH 3' GREENSPACE ON PROPOSED BACK OF CURB DETAIL (WITH GUTTER)

N.T.S.

STA. 112+43 TO STA. 116+28



SIDEWALK WITH 3' GREENSPACE ON PROPOSED BACK OF CURB DETAIL (WITH GUTTER)

N.T.S.

STA. 116+28 TO STA. 117+33

TYPICAL SECTION GENERAL NOTES

1. PRIOR TO AND DURING PLACEMENT OF PAVEMENT IN FRONT OF THE CURB AND GUTTER, THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES. THE METHOD(S) USED SHALL BE APPROVED BY THE ENGINEER. PAYMENT FOR THIS WORK SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.
2. REFER TO CROSS SECTIONS FOR DEVIATIONS FROM NORMAL SLOPES. NO CHANGES SHALL BE MADE FROM THE PLANNED SLOPES WITHOUT THE APPROVAL OF THE ENGINEER.

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

TYPICAL SECTIONS OF IMPROVEMENT

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JLB
DESIGNED	JLB
CHECKED	CGS
DATE	1.20.2025
SCALE	N.T.S.
PROJECT NO.	MCE 24-5757
SHEET NO.	C5

CONCRETE COMBINATION CURB AND GUTTER

STATION	STATION	LOCATION	CLASS 3
			LIN. FT.
101+11	117+50	INDIAN TRAIL	1700
TOTAL:			1700

CLEARING AND GRUBBING

STATION	STATION	CLEARING	GRUBBING
		STATION	
100+11	117+50	18	18
TOTALS:		18	18

NOTE: FOR INFORMATION ONLY. TO BE INCLUDED IN SITE PREPARATION.

REMOVAL AND DISPOSAL OF ITEMS

STATION	STATION	LOCATION	HEADWALLS
			EACH
113+95	114+31	INDIAN TRAIL	1
TOTAL:			1

NOTE: FOR INFORMATION ONLY. TO BE INCLUDED IN SITE PREPARATION.

EARTHWORK

STATION	STATION	LOCATION / DESCRIPTION	UNCLASSIFIED EXCAVATION	COMPACTED EMBANKMENT
			CU. YD.	
101+11	112+50	INDIAN TRAIL	140	341
112+50	116+50	INDIAN TRAIL / PIPE AREA	121	1259
116+50	117+38	INDIAN TRAIL	6	31
TOTALS:			267	1631

NOTE: THE SUMMARY OF QUANTITIES ON SHEET C2 WILL REFLECT COMPACTED EMBANKMENT AND UNCLASSIFIED EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE PIPE NETWORK. ALL OTHER EARTHWORK QUANTITIES ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND ARE CONSIDERED SUBSIDIARY TO SIDEWALK AND DRIVEWAY CONSTRUCTOIN, WITH COST INCLUDED IN THE RESPECTIVE BID ITEMS.

EROSION CONTROL

STATION	STATION	LOCATION	SOLID SODDING*	SILT FENCE
			SQ.YD.	LIN. FT.
ENTIRE	PROJECT	INDIAN TRAIL	912	1209
TOTALS:			912	1209

*SOILD SODDING INCLUDES 4" TOPSOIL

STRUCTURES

STATION	DESCRIPTION	REINFORCED CONCRETE PIPE	FLARED END SECTIONS	HEADWALL	DROP INLETS					JUNCT. BOXES
					TYPE		EXT.	EXT.	EXT.	
		42"	42"		MO	SPECIAL	4'	6'	8'	(TYPE E)
		LIN. FT.	EACH		EACH					
101+87	TYPE SPECIAL INLET					1			1	
104+02	TYPE SPECIAL INLET					1	1			
106+58	TYPE SPECIAL INLET					1	1			
108+42	TYPE SPECIAL INLET					1				
110+21	TYPE SPECIAL INLET					1	1			
112+23	TYPE SPECIAL INLET					1	1			
112+43	CONSTRUCT CONCRETE HEADWALL			1						
112+43	BEGIN PIPE CULVERT CONNECT TO JUNCTION BOX	91								
113+32	CONSTRUCT JUNCTION BOX									1
113+32	BEGIN PIPE CULVERT CONNECT TO DROP INLET	87								
114+26	CONSTRUCT DROP INLET				1			1		
114+26	BEGIN PIPE CULVERT CONNECT TO JUNCTION BOX	109								
115+41	CONSTRUCT JUNCTION BOX									1
115+41	BEGIN PIPE CULVERT CONNECT TO DROP INLET	65								
116+07	CONSTRUCT DROP INLET				1			1		
116+07	BEGIN PIPE CULVERT CONNECT TO F.E.S.	28								
116+33	CONSTRUCT FLARED END SECTION		1							
TOTALS:		380	1	1	2	6	4	2	1	2

CONCRETE SIDEWALKS

STATION	STATION	LOCATION	CONCRETE SIDEWALK
			SQ.FT.
106+30	107+00	INDIAN TRAIL	350
112+43	117+33	INDIAN TRAIL	2623
TOTALS:			2973

HANDICAP RAMPS*

STATION	LOCATION	TYPE 3	TYPE 5
		SQ.YD.	
101+09	MOHAWK CIRCLE		7.6
117+45	INDIAN TRAIL	7.2	
TOTALS:		7.2	7.6

*HANDICAP RAMPS INCLUDE TRUNCATED DOMES

GROUTED RIPRAP

STATION	LOCATION	DUMPED RIPRAP
		SQ. YD.
101+87	ON SLOPE BEHIND TYPE SPECIAL INLET	5
104+02	ON SLOPE BEHIND TYPE SPECIAL INLET	5
106+56	ON SLOPE BEHIND TYPE SPECIAL INLET	5
108+42	ON SLOPE BEHIND TYPE SPECIAL INLET	5
110+20	ON SLOPE BEHIND TYPE SPECIAL INLET	5
112+22	ON SLOPE BEHIND TYPE SPECIAL INLET	5
112+43	BEHIND SIDEWALK AT TOE OF SLOPE TO 116+40	173
TOTAL:		203

CONCRETE SIDEWALKS (TURN DOWN)

STATION	STATION	LOCATION	CONCRETE SIDEWALKS "TURN DOWN WALL"	HAND RAILING
			SQ. FT.	LIN. FT.
101+11	106+30	INDIAN TRAIL	2785	511
107+00	112+43	INDIAN TRAIL	2715	507
TOTALS:			5500	1041

RETAINING WALLS

STATION	STATION	LOCATION	RETAINING WALL	FACE OF WALL
			CU.YDS.	SQ. FT.
106+30	107+00	INDIAN TRAIL	27.22	250.00
TOTALS:			27.22	

ADVANCE WARNING SIGNS AND DEVICES

SIGN NUMBER	DESCRIPTION	SIGN SIZE	STAGE 1	MAXIMUM NUMBER REQUIRED	TOTAL SIGNS REQUIRED		VERTICAL PANELS
			EACH		NO.	SQ. FT.	EACH
W20-1	ROAD WORK AHEAD	48"x48"	4	4	4	64.0	
G20-2	END ROAD WORK	48"x24"	4	4	4	32.0	
	VERTICAL PANELS		55	55			55
TOTALS:						96.0	55

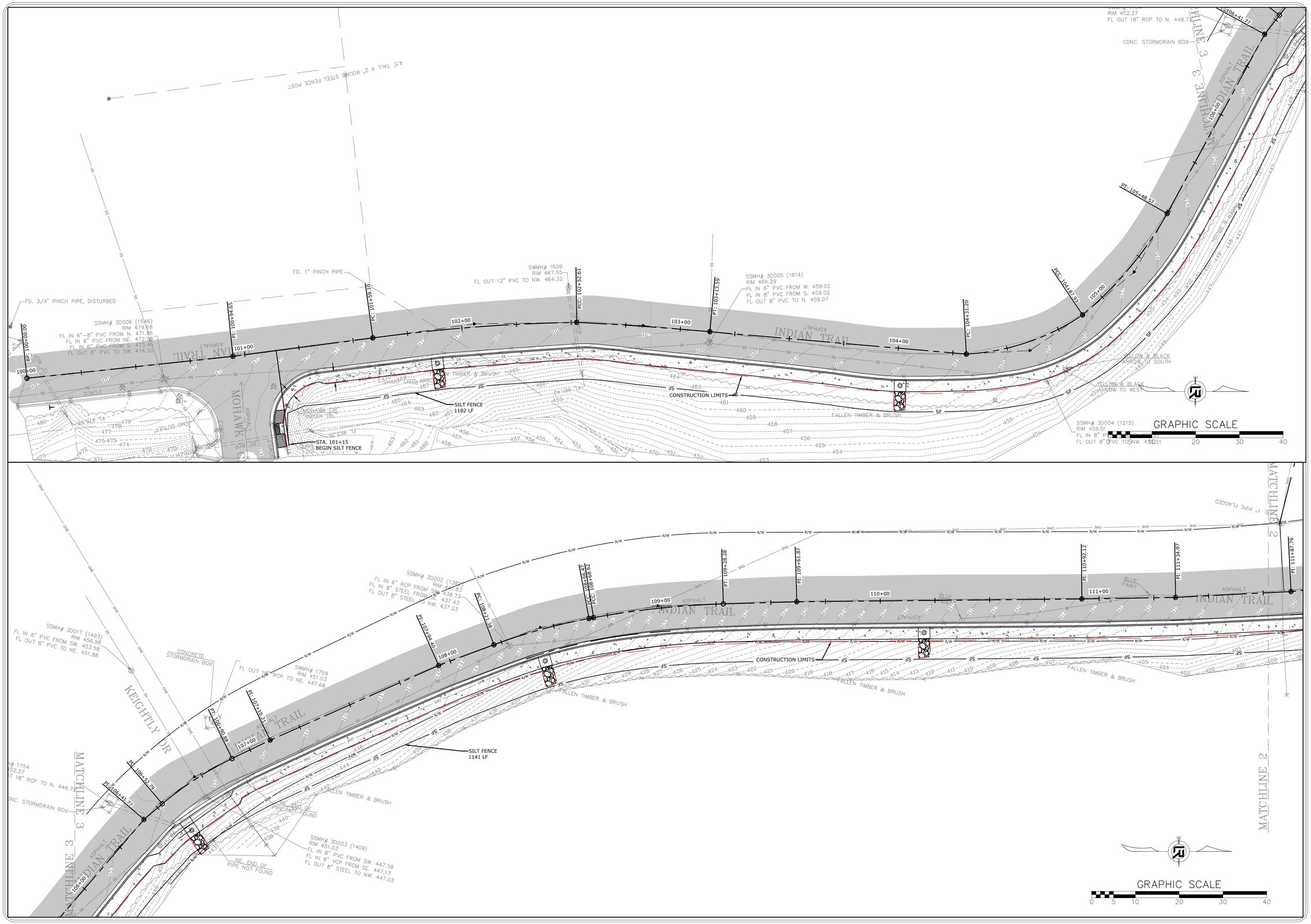
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

QUANTITIES

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY JLB
DESIGNED JLB
CHECKED CGS
DATE 2.3.2025
SCALE 1" = 20'
PROJECT NO. MCE 24-5757
SHEET NO. C6



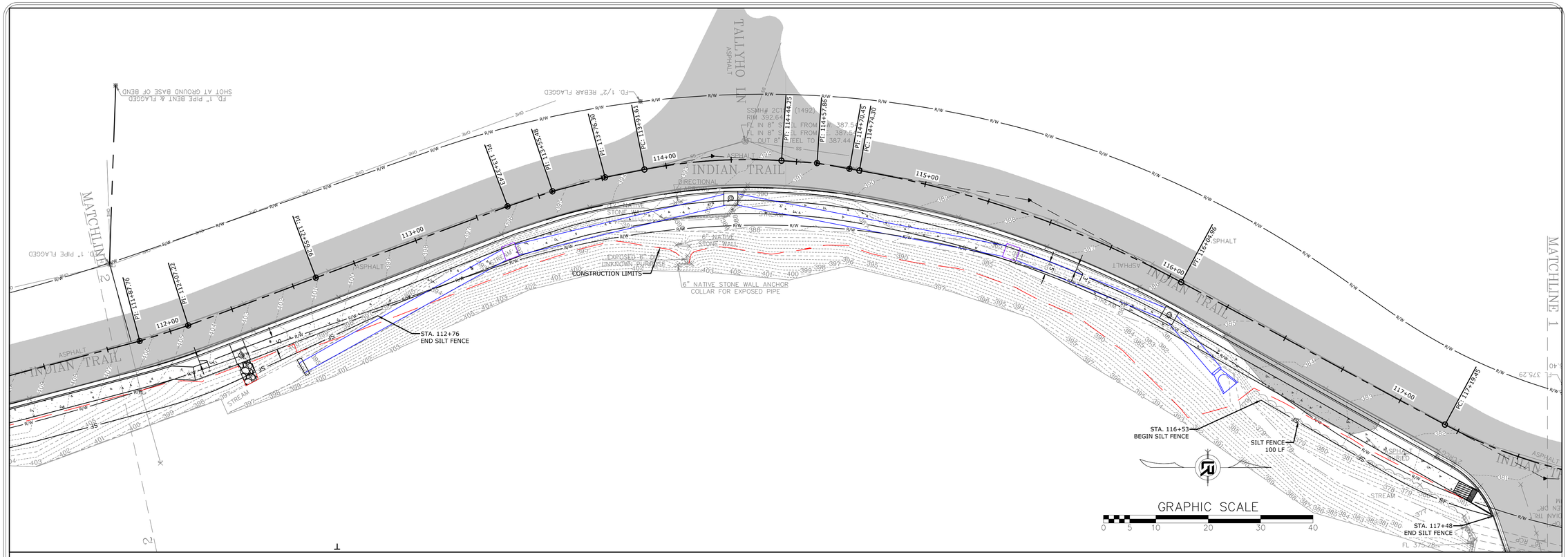
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

EROSION CONTROL DETAILS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JLB
DESIGNED	JLB
CHECKED	CGS
DATE	2.4.2025
SCALE	1" = 20'
PROJECT NO.	MCE 24-5757
SHEET NO.	C7



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

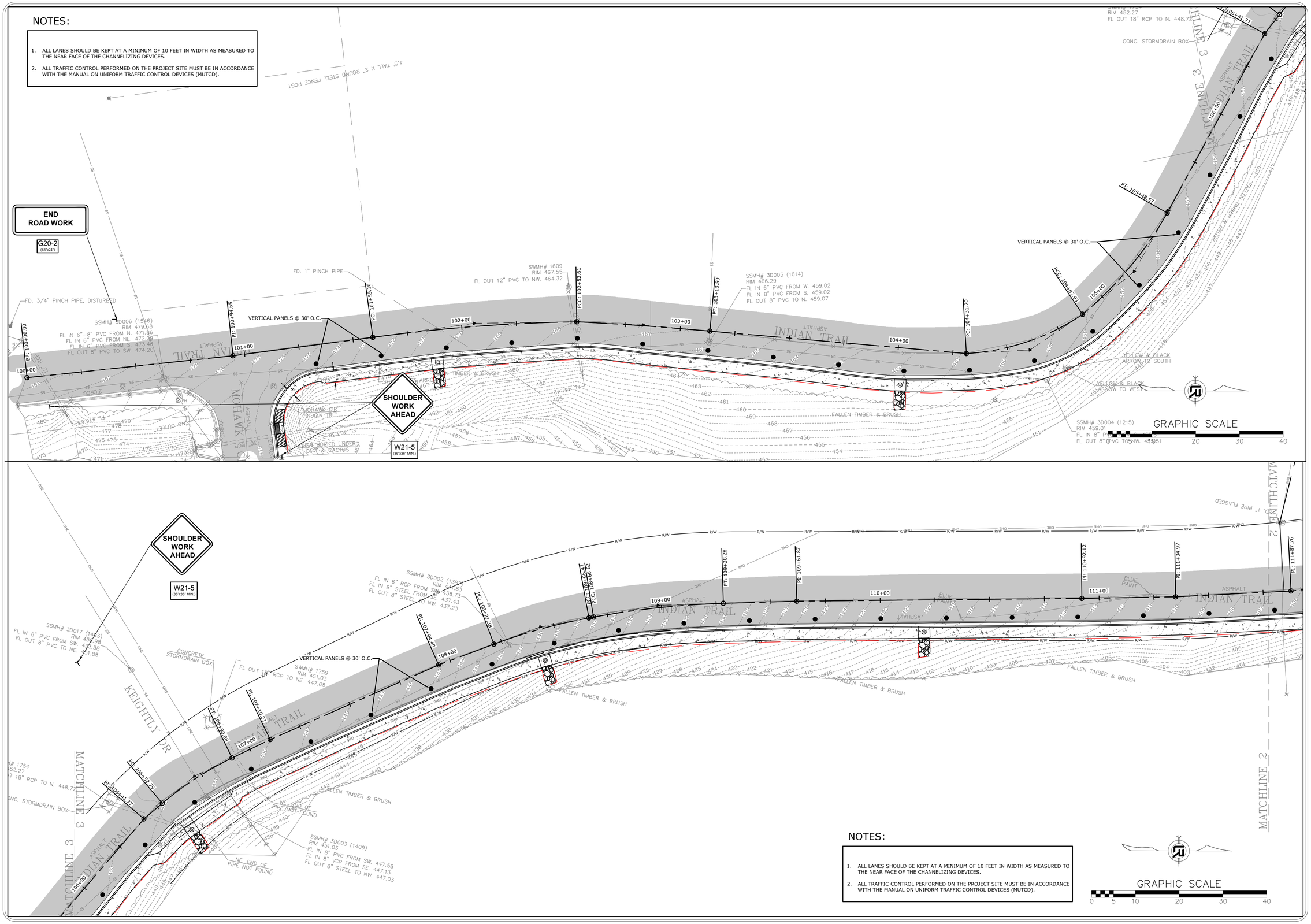
EROSION CONTROL DETAILS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JLB
DESIGNED	JLB
CHECKED	CGS
DATE	2.4.2025
SCALE	1" = 20'
PROJECT NO.	MCE 24-5757
SHEET NO.	C8

NOTES:

1. ALL LANES SHOULD BE KEPT AT A MINIMUM OF 10 FEET IN WIDTH AS MEASURED TO THE NEAR FACE OF THE CHANNELIZING DEVICES.
2. ALL TRAFFIC CONTROL PERFORMED ON THE PROJECT SITE MUST BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).



NOTES:

1. ALL LANES SHOULD BE KEPT AT A MINIMUM OF 10 FEET IN WIDTH AS MEASURED TO THE NEAR FACE OF THE CHANNELIZING DEVICES.
2. ALL TRAFFIC CONTROL PERFORMED ON THE PROJECT SITE MUST BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

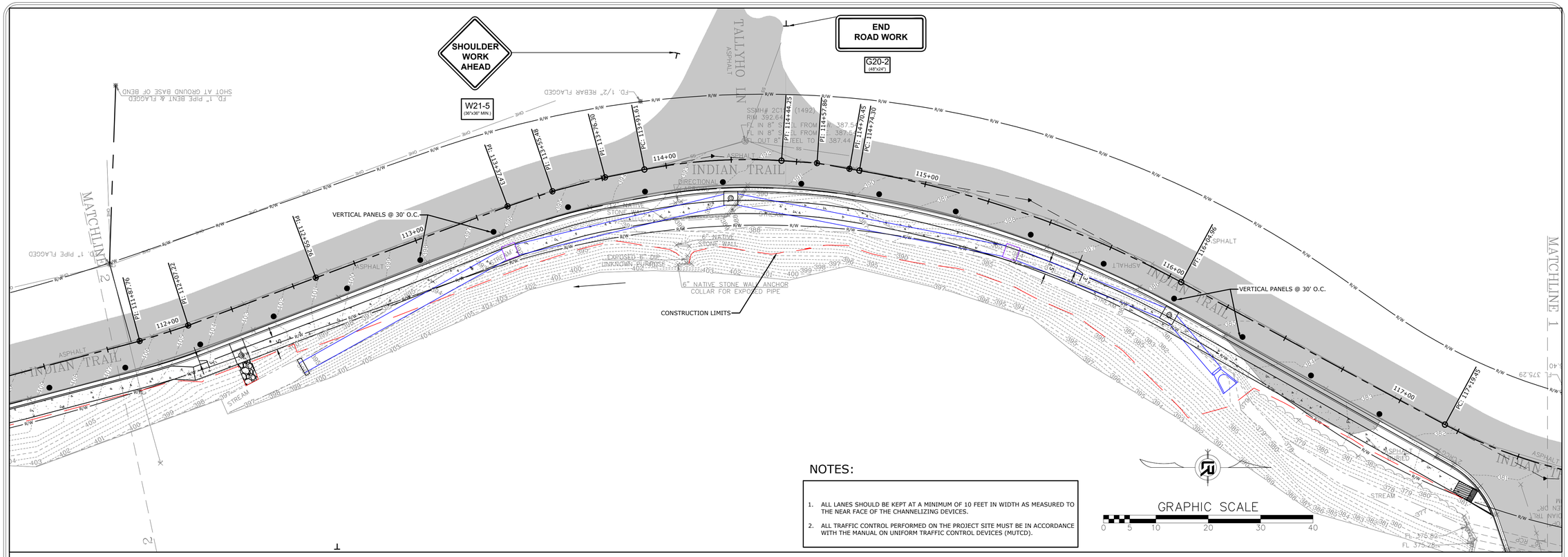
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

MAINTENANCE OF TRAFFIC DETAILS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JLB
DESIGNED	JLB
CHECKED	CGS
DATE	2.4.2025
SCALE	1" = 20'
PROJECT NO.	MCE 24-5757
SHEET NO.	C9



NOTES:

1. ALL LANES SHOULD BE KEPT AT A MINIMUM OF 10 FEET IN WIDTH AS MEASURED TO THE NEAR FACE OF THE CHANNELIZING DEVICES.
2. ALL TRAFFIC CONTROL PERFORMED ON THE PROJECT SITE MUST BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

MAINTENANCE OF TRAFFIC DETAILS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JLB
DESIGNED	JLB
CHECKED	CGS
DATE	2.4.2025
SCALE	1" = 20'
PROJECT NO.	MCE 24-5757
SHEET NO.	C10

GRAPHIC SCALE

0 5 10 20 30 40

POINT #	STATION & TYPE	NORTHING	EASTING
8000	100+00.00 - BOP	161117.2730	1205286.5490
8001	100+94.65 - PI	161211.3910	1205276.5280
8002	101+59.10 - PC	161275.2870	1205268.1220
8003	102+05.91 - CPI	161321.6603	1205261.7144
8004	102+52.61 - PCC	161368.4690	1205261.0190
8005	102+83.10 - CPI	161398.9317	1205262.4738
8006	103+13.59 - PT	161429.2990	1205265.2870
8007	104+31.20 - PC	161546.4640	1205275.5100
8008	104+60.27 - CPI	161575.4802	1205273.8581
8009	104+87.93 - PCC	161599.5760	1205257.6080
8010	105+18.58 - CPI	161623.1243	1205237.9833
8011	105+48.57 - PT	161638.2228	1205211.3058
8012	106+41.77 - PI	161682.7788	1205129.4409

SURVEYOR'S NOTES:

HORIZONTAL COORDINATES FOR THIS PROJECT ARE ARKANSAS STATE PLANE NORTH ZONE NAD83 (2011) AND ELEVATIONS ARE NAVD88 BASED ON THE ARDOT CONTINUOUSLY OPERATING REFERENCE STATIONS.

BASIS OF BEARING = GRID NORTH

LINEAR MEASUREMENTS ARE IN US SURVEY FEET.

CONTOUR INTERVAL = 1 FOOT.

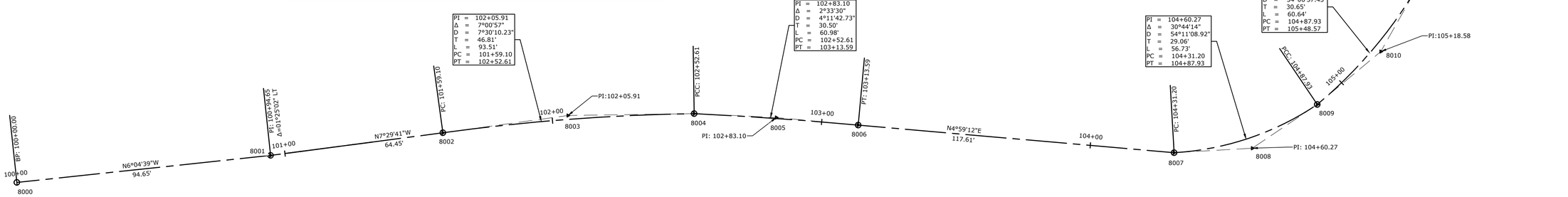
THIS IS A TOPOGRAPHIC SURVEY ONLY AND IN NO WAY SHOULD BE INTERPRETED AS A PROPERTY BOUNDARY SURVEY. ANY PROPERTY LINES SHOWN ARE FOR REFERENCE ONLY AND HAVE NOT BEEN VERIFIED.

FIELD WORK FOR THIS SURVEY WAS COMPLETED MAY, 2024.

NO STATEMENT IS MADE CONCERNING SUBSURFACE CONDITIONS.

BURIED UTILITIES AND SUBSURFACE STRUCTURES ARE SHOWN BASED ON VISUAL INSPECTION OF MANHOLES AND OTHER SURFACE FEATURES. McCLELLAND CONSULTING ENGINEERS HAS ACCURATELY DEPICTED THE UNDERGROUND AND SUBSURFACE FEATURES TO THE BEST OF THEIR KNOWLEDGE AND ABILITY. ANY CONSTRUCTION AT THIS SITE SHOULD ONLY BE DONE AFTER CONTACTING ARKANSAS ONE CALL AT 1-800-482-8998 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION.
MANHOLE AND DRAIN GRATE INFORMATION WERE GATHERED BY VISUAL INSPECTION AND ARE CONNECTED AND DESCRIBED ONLY AS COULD BE DETERMINED THROUGH SAID VISUAL INSPECTION.

SURVEY CONTROL DATA				
Point #	Northing	Easting	Elevation	Description
10	163190.59	1205003.94	377.47	HUB & TACK
11	163185.95	1205010.18	376.56	MAG NAIL WITH SHINER



SURVEYOR'S NOTES:

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BASIS OF BEARING = GRID NORTH

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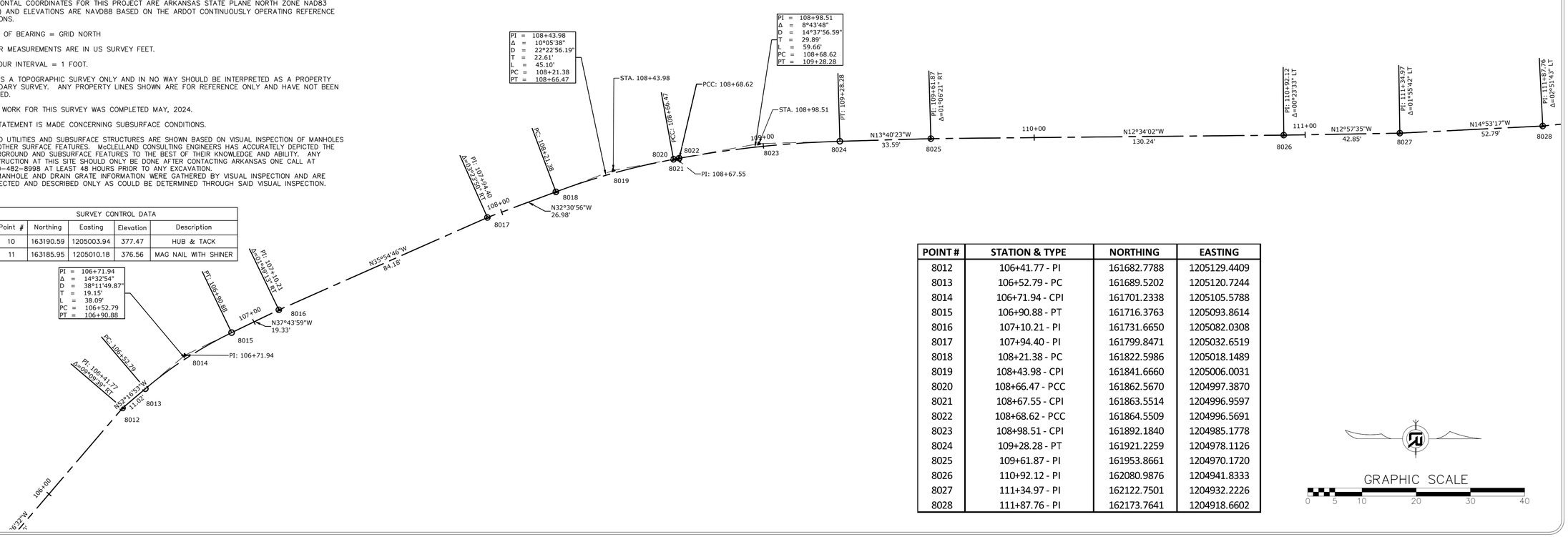
MANHOLE AND DRAIN GRATE INFORMATION WERE GATHERED BY VISUAL INSPECTION AND ARE CONNECTED AND DESCRIBED ONLY AS COULD BE DETERMINED THROUGH SAID VISUAL INSPECTION.

SURVEY CONTROL DATA				
Point #	Northing	Easting	Elevation	Description
10	163190.59	1205003.94	377.47	HUB & TACK
11	163185.95	1205010.18	376.56	MAG NAIL WITH SHINER



POINT #	STATION & TYPE	NORTHING	EASTING
8012	106+41.77 - PI	161682.7788	1205129.4409
8013	106+52.79 - PC	161689.5202	1205120.7244
8014	106+71.94 - CPI	161701.2338	1205105.5788
8015	106+90.88 - PT	161716.3763	1205093.8614
8016	107+10.21 - PI	161731.6650	1205082.0308
8017	107+94.40 - PI	161799.8471	1205032.6519
8018	108+21.38 - PC	161822.5986	1205018.1489
8019	108+43.98 - CPI	161841.6660	1205006.0031
8020	108+66.47 - PCC	161862.5670	1204997.3870
8021	108+67.55 - CPI	161863.5514	1204996.9597
8022	108+68.62 - PCC	161864.5509	1204996.5691
8023	108+98.51 - CPI	161892.1840	1204985.1778
8024	109+28.28 - PT	161921.2259	1204978.1126
8025	109+61.87 - PI	161953.8661	1204970.1720
8026	110+92.12 - PI	162080.9876	1204941.8333
8027	111+34.97 - PI	162122.7501	1204932.2226
8028	111+87.76 - PI	162173.7641	1204918.6602

GRAPHIC SCALE

0 5 10 20 30 40

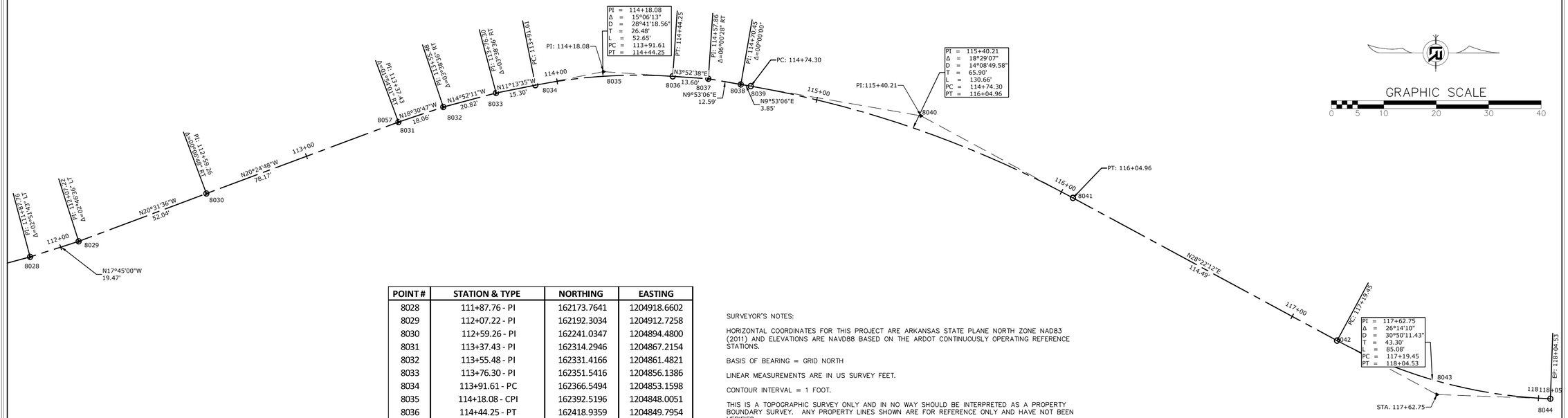
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

SURVEY CONTROL DETAILS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JLB
DESIGNED	JLB
CHECKED	CGS
DATE	1.20.2025
SCALE	1" = 20'
PROJECT NO.	MCE 24-5757
SHEET NO.	C11



POINT #	STATION & TYPE	NORTHING	EASTING
8028	111+87.76 - PI	162173.7641	1204918.6602
8029	112+07.22 - PI	162192.3034	1204912.7258
8030	112+59.26 - PI	162241.0347	1204894.4800
8031	113+37.43 - PI	162314.2946	1204867.2154
8032	113+55.48 - PI	162331.4166	1204861.4821
8033	113+76.30 - PI	162351.5416	1204856.1386
8034	113+91.61 - PC	162366.5494	1204853.1598
8035	114+18.08 - CPI	162392.5196	1204848.0051
8036	114+44.25 - PT	162418.9359	1204849.7954
8037	114+57.86 - PI	162432.5082	1204850.7152
8038	114+70.45 - PI	162444.9154	1204852.8773
8039	114+74.30 - PC	162448.7092	1204853.5384
8040	115+40.21 - CPI	162513.6355	1204864.8522
8041	116+04.96 - PT	162571.6247	1204896.1677
8042	117+19.45 - PC	162672.3631	1204950.5687
8043	117+62.75 - CPI	162710.4624	1204971.1432
8044	118+04.53 - EP	162753.7320	1204972.7556

SURVEYOR'S NOTES:

HORIZONTAL COORDINATES FOR THIS PROJECT ARE ARKANSAS STATE PLANE NORTH ZONE NAD83 (2011) AND ELEVATIONS ARE NAVD88 BASED ON THE ARDOT CONTINUOUSLY OPERATING REFERENCE STATIONS.

BASIS OF BEARING = GRID NORTH

LINEAR MEASUREMENTS ARE IN US SURVEY FEET.

CONTOUR INTERVAL = 1 FOOT.

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FIELD WORK FOR THIS SURVEY WAS COMPLETED MAY, 2024.

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MANHOLE AND DRAIN GRATE INFORMATION WERE GATHERED BY VISUAL INSPECTION AND ARE CONNECTED AND DESCRIBED ONLY AS COULD BE DETERMINED THROUGH SAID VISUAL INSPECTION.

SURVEY CONTROL DATA				
Point #	Northing	Easting	Elevation	Description
10	163190.59	1205003.94	377.47	HUB & TACK
11	163185.95	1205010.18	376.56	MAG NAIL WITH SHINER

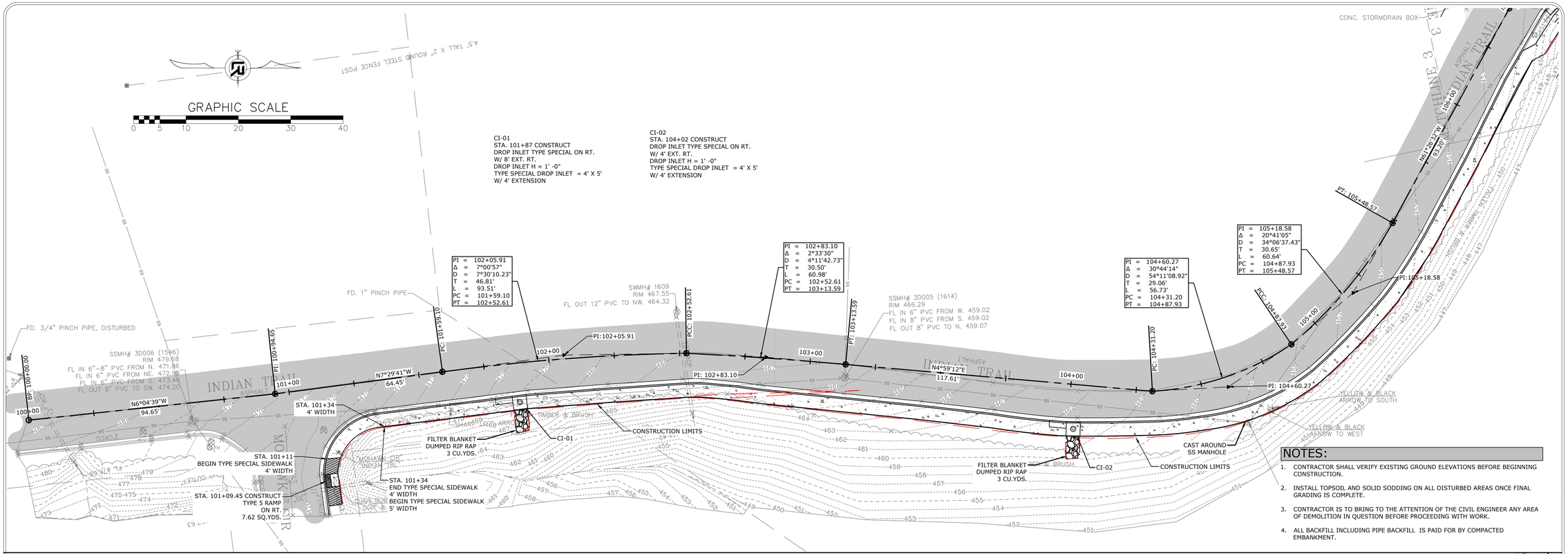
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

SURVEY CONTROL DETAILS

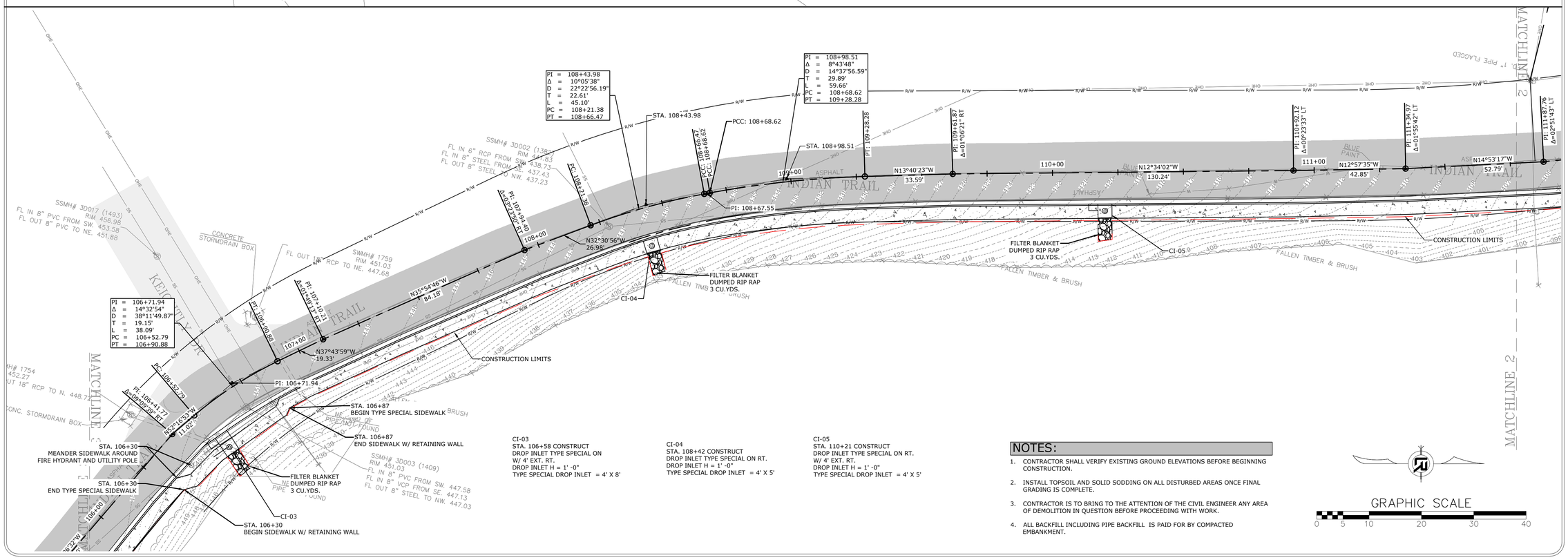
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY
JLB
DESIGNED
JLB
CHECKED
CGS
DATE
1.20.2025
SCALE
1" = 20'
PROJECT NO.
MCE 24-5757
SHEET NO.
C12



NOTES:

1. CONTRACTOR SHALL VERIFY EXISTING GROUND ELEVATIONS BEFORE BEGINNING CONSTRUCTION.
2. INSTALL TOPSOIL AND SOLID SODDING ON ALL DISTURBED AREAS ONCE FINAL GRADING IS COMPLETE.
3. CONTRACTOR IS TO BRING TO THE ATTENTION OF THE CIVIL ENGINEER ANY AREA OF DEMOLITION IN QUESTION BEFORE PROCEEDING WITH WORK.
4. ALL BACKFILL INCLUDING PIPE BACKFILL IS PAID FOR BY COMPACTED EMBANKMENT.



CI-03
STA. 106+58 CONSTRUCT
DROP INLET TYPE SPECIAL ON
W/ 4' EXT. RT.
DROP INLET H = 1' -0"
TYPE SPECIAL DROP INLET = 4' X 8'

CI-04
STA. 108+42 CONSTRUCT
DROP INLET TYPE SPECIAL ON RT.
DROP INLET H = 1' -0"
TYPE SPECIAL DROP INLET = 4' X 5'

CI-05
STA. 110+21 CONSTRUCT
DROP INLET TYPE SPECIAL ON RT.
W/ 4' EXT. RT.
DROP INLET H = 1' -0"
TYPE SPECIAL DROP INLET = 4' X 5'

NOTES:

1. CONTRACTOR SHALL VERIFY EXISTING GROUND ELEVATIONS BEFORE BEGINNING CONSTRUCTION.
2. INSTALL TOPSOIL AND SOLID SODDING ON ALL DISTURBED AREAS ONCE FINAL GRADING IS COMPLETE.
3. CONTRACTOR IS TO BRING TO THE ATTENTION OF THE CIVIL ENGINEER ANY AREA OF DEMOLITION IN QUESTION BEFORE PROCEEDING WITH WORK.
4. ALL BACKFILL INCLUDING PIPE BACKFILL IS PAID FOR BY COMPACTED EMBANKMENT.

GRAPHIC SCALE
0 5 10 20 30 40

REVISIONS	DATE

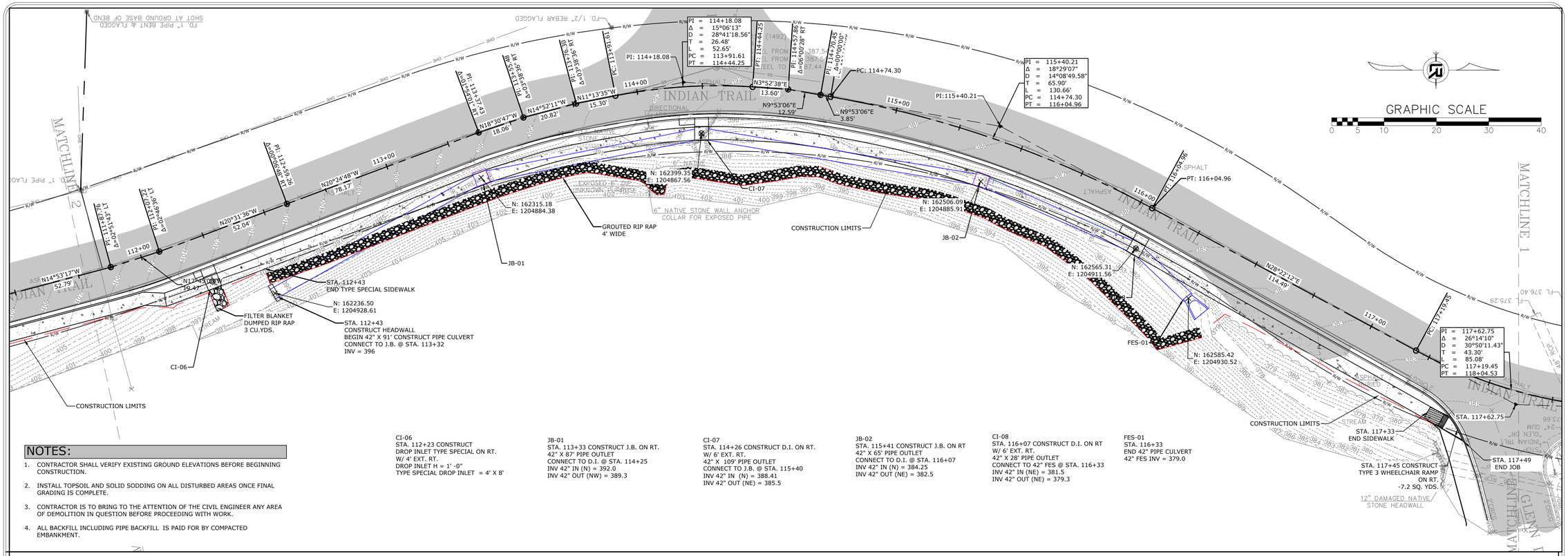
CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

PLAN SHEETS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 17435
LARRY GAUTHREAUX SCHOOLEY

DRAWN BY	JLB
DESIGNED	JLB
CHECKED	CGS
DATE	2.28.2025
SCALE	1" = 20'
PROJECT NO.	MCE 24-5757
SHEET NO.	C13



NOTES:

1. CONTRACTOR SHALL VERIFY EXISTING GROUND ELEVATIONS BEFORE BEGINNING CONSTRUCTION.
2. INSTALL TOPSOIL AND SOLID SODDING ON ALL DISTURBED AREAS ONCE FINAL GRADING IS COMPLETE.
3. CONTRACTOR IS TO BRING TO THE ATTENTION OF THE CIVIL ENGINEER ANY AREA OF DEMOLITION IN QUESTION BEFORE PROCEEDING WITH WORK.
4. ALL BACKFILL INCLUDING PIPE BACKFILL IS PAID FOR BY COMPACTED EMBANKMENT.

CI-06
STA. 112+23 CONSTRUCT
DROP INLET TYPE SPECIAL ON RT.
W/ 4' EXT. RT.
DROP INLET H = 1' -0"
TYPE SPECIAL DROP INLET = 4' X 8'

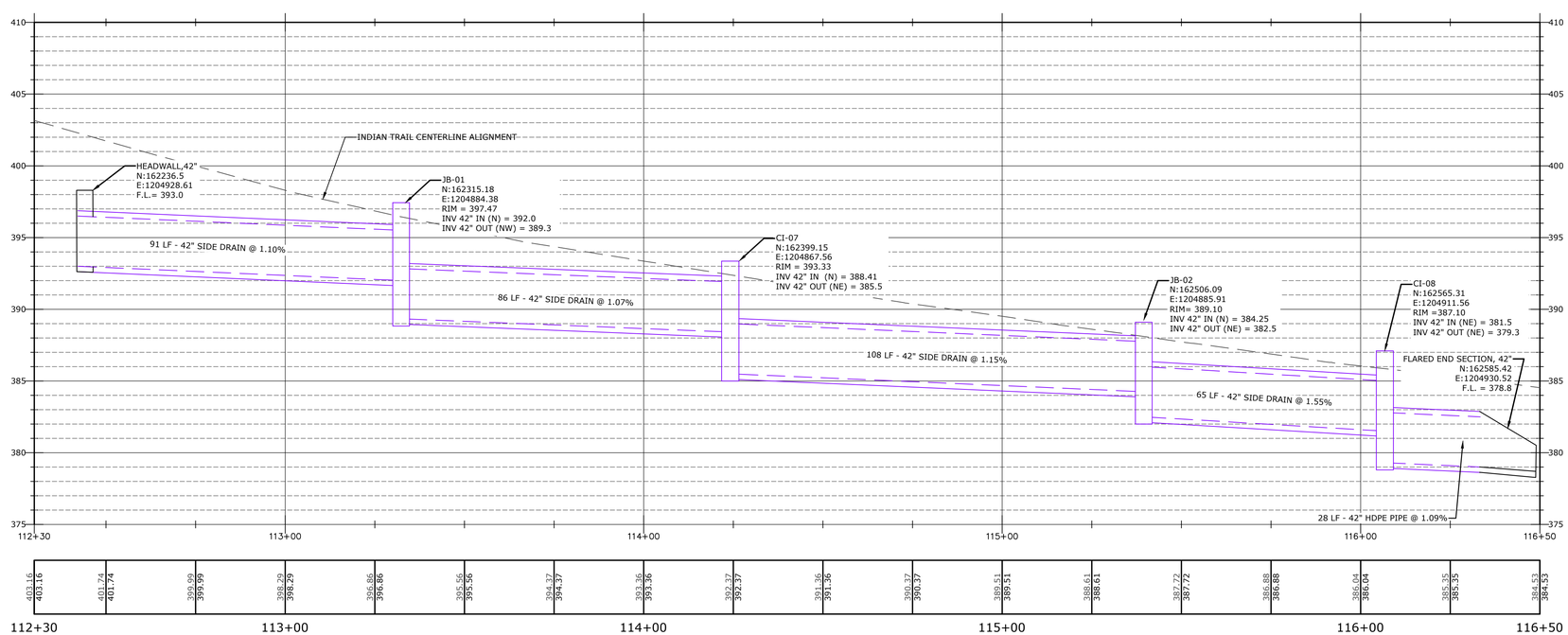
JB-01
STA. 113+33 CONSTRUCT J.B. ON RT.
42" X 87' PIPE OUTLET
CONNECT TO D.I. @ STA. 114+25
INV 42" IN (N) = 392.0
INV 42" OUT (NW) = 389.3

CI-07
STA. 114+26 CONSTRUCT D.I. ON RT.
W/ 6' EXT. RT.
42" X 109' PIPE OUTLET
CONNECT TO J.B. @ STA. 115+40
INV 42" IN (N) = 388.41
INV 42" OUT (NE) = 385.5

JB-02
STA. 115+41 CONSTRUCT J.B. ON RT
42" X 65' PIPE OUTLET
CONNECT TO D.I. @ STA. 116+07
INV 42" IN (N) = 384.25
INV 42" OUT (NE) = 382.5

CI-08
STA. 116+07 CONSTRUCT D.I. ON RT
W/ 6' EXT. RT.
42" X 28' PIPE OUTLET
CONNECT TO 42" FES @ STA. 116+33
INV 42" IN (NE) = 381.5
INV 42" OUT (NE) = 379.3

FES-01
STA. 116+33
END 42" PIPE CULVERT
42" FES INV = 379.0



INDIAN TRAIL RD CENTERLINE ADDITION (1) PROFILE

REVISIONS	DATE

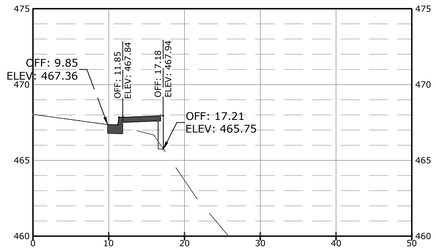
CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

PLAN SHEETS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 17435
CLAIRE S. CAUTHREAUX

DRAWN BY	JLB
DESIGNED	JLB
CHECKED	CGS
DATE	2.28.2025
SCALE	1" = 20'
PROJECT NO.	MCE 24-5757
SHEET NO.	C14



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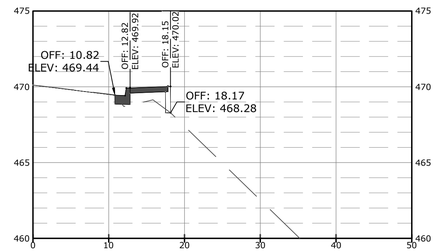

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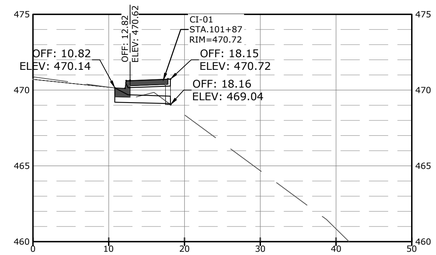

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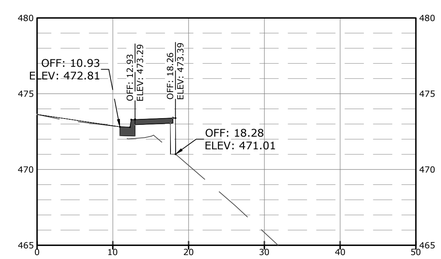

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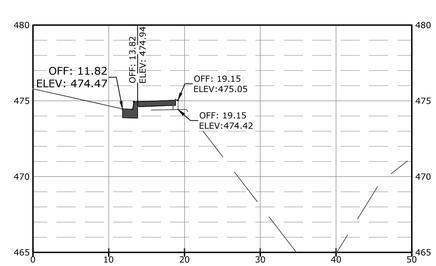

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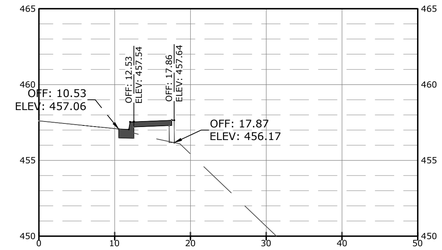

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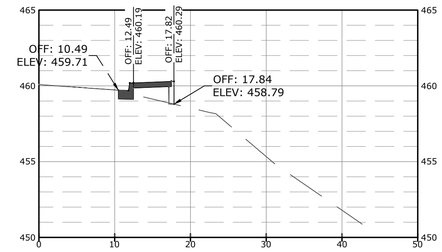

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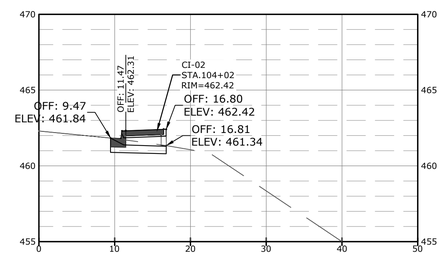

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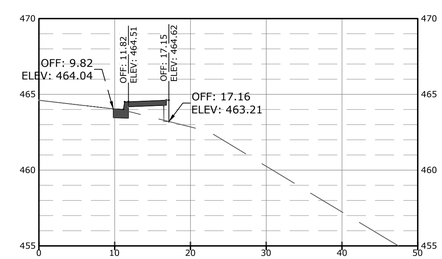

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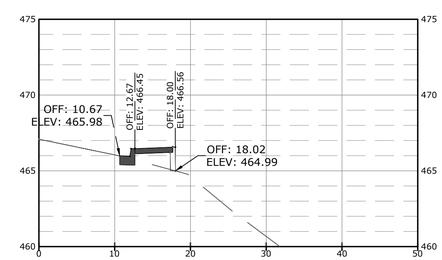

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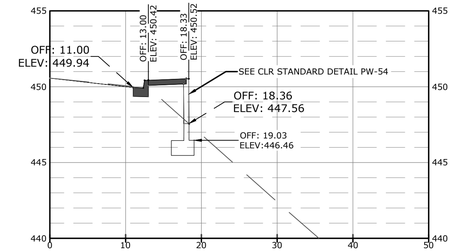
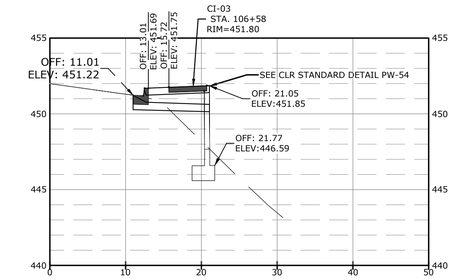


107+00.00



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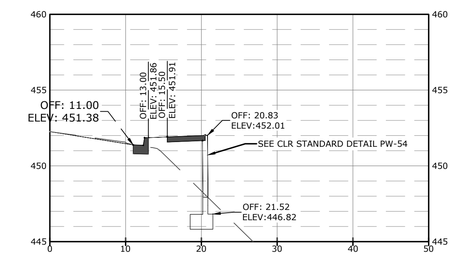

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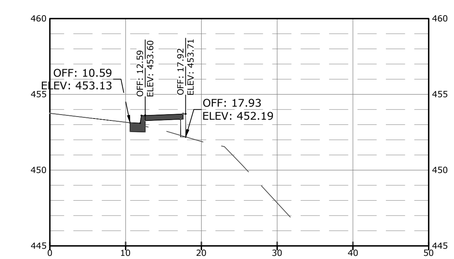

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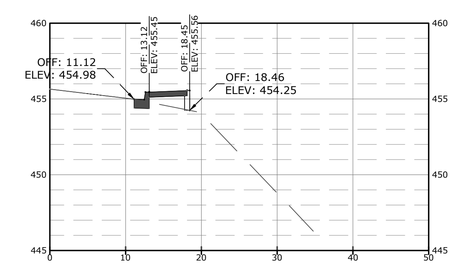

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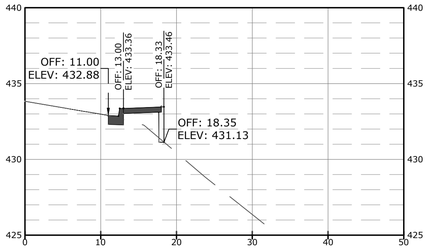
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

CROSS SECTIONS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JLB
DESIGNED	JLB
CHECKED	CGS
DATE	1.13.2025
SCALE	1" = 10'
PROJECT NO.	MCE 24-5757
SHEET NO.	C15



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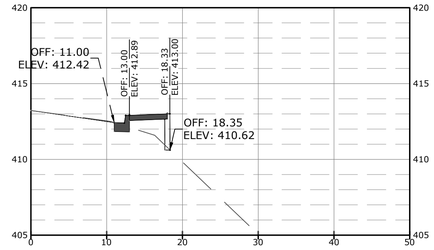

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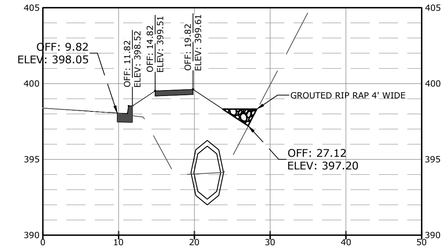

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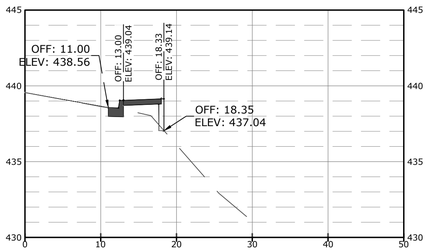

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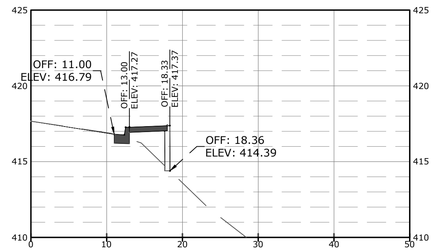

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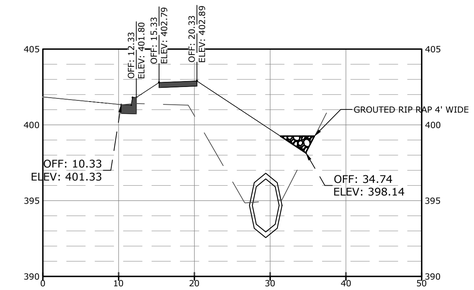

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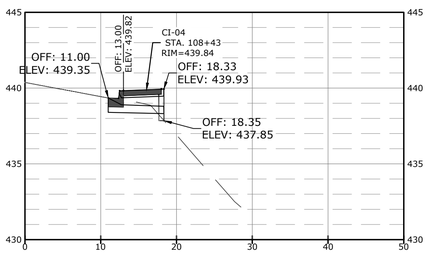

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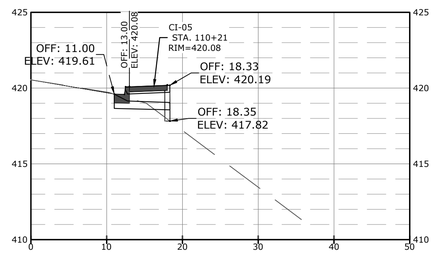

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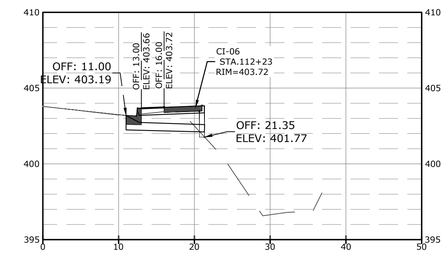

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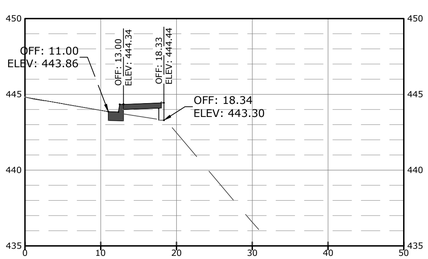

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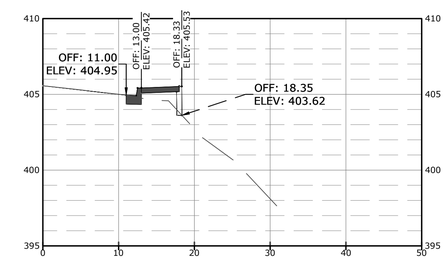

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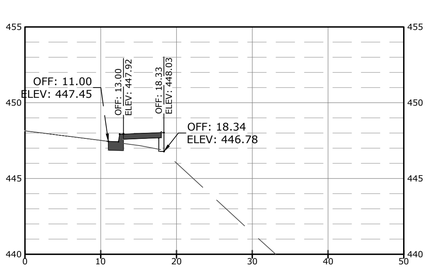

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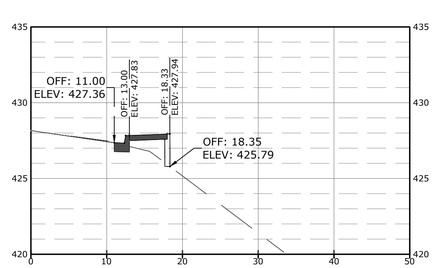

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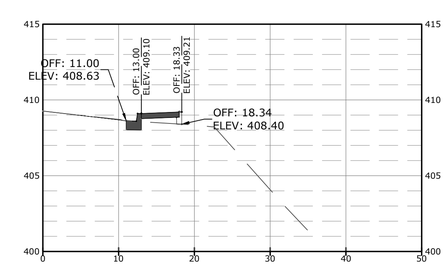


111+50.00

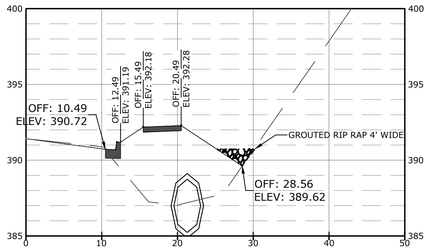
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

CROSS SECTIONS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JLB
DESIGNED	JLB
CHECKED	CGS
DATE	1.13.2025
SCALE	1" = 10'
PROJECT NO.	MCE 24-5757
SHEET NO.	C16



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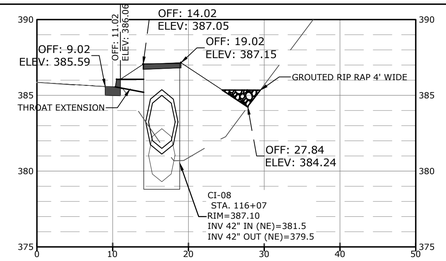

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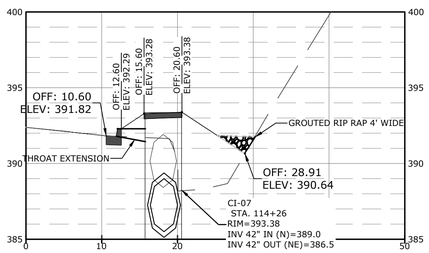

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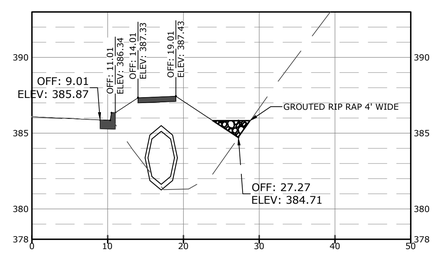

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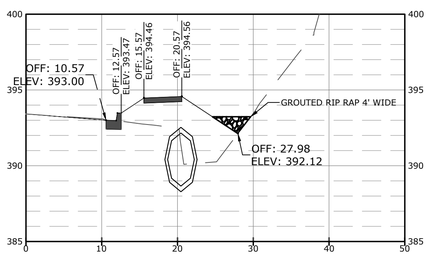

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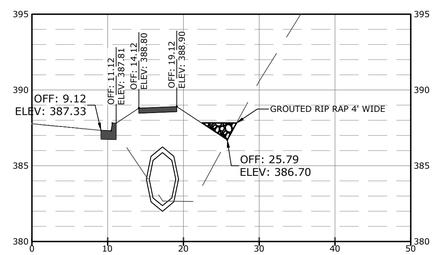

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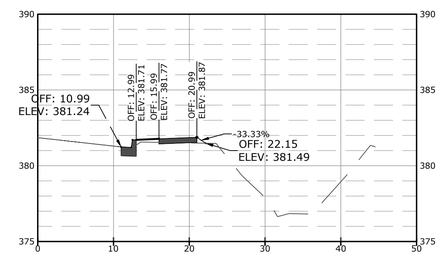

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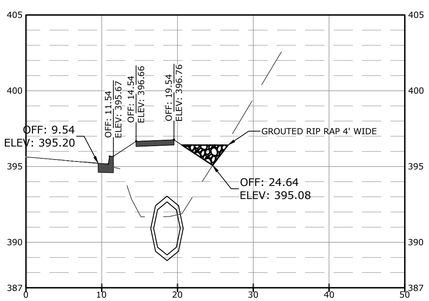

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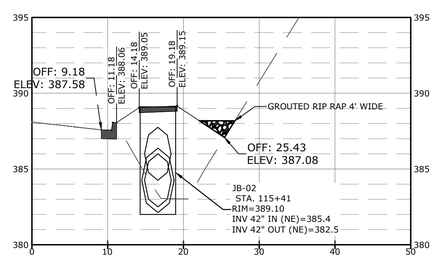

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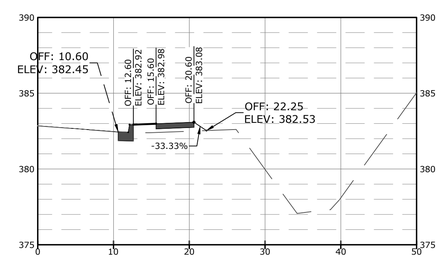

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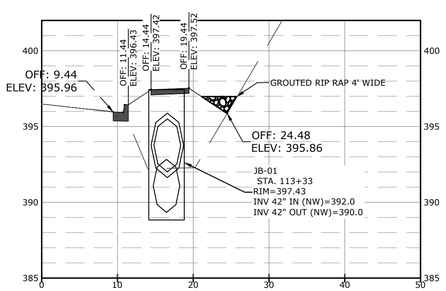

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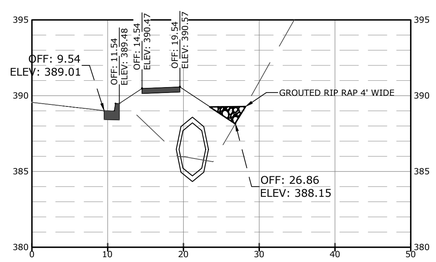

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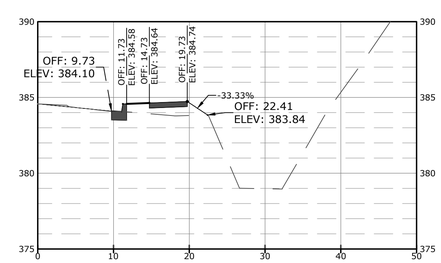


116+50.00

REVISIONS	DATE

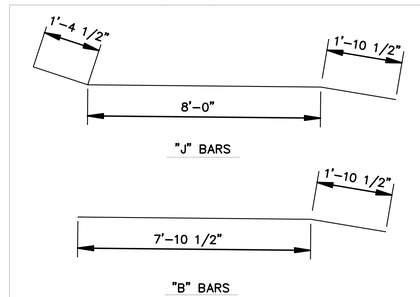
CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

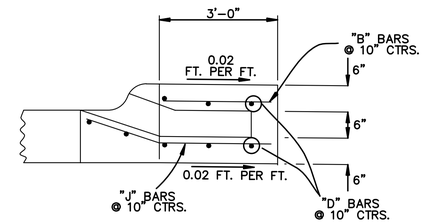
CROSS SECTIONS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

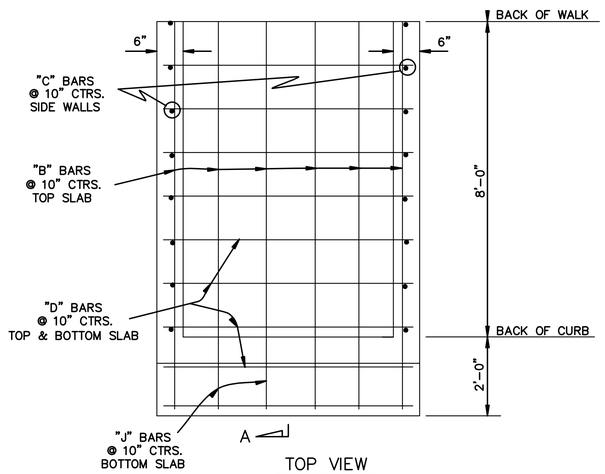
DRAWN BY	JLB
DESIGNED	JLB
CHECKED	CGS
DATE	1.13.2025
SCALE	1" =10'
PROJECT NO.	MCE 24-5757
SHEET NO.	C17

BAR DIAGRAM





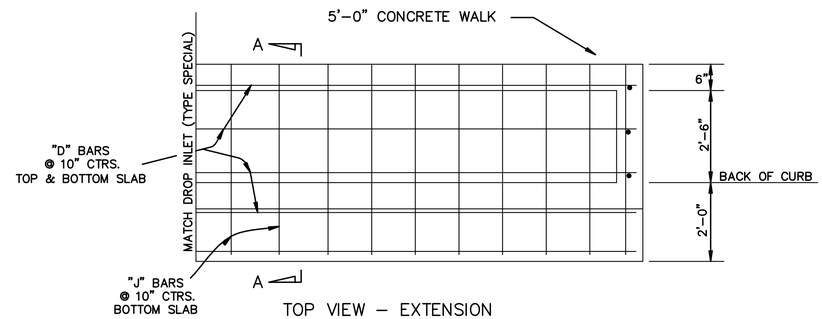
SECTION A–A – EXTENSION



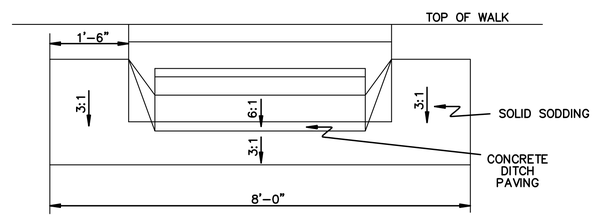
TOP VIEW

CLASS A CONC.	REINF. STEEL–RDWY. GRADE 60
CU. YDS.	POUND
2.53	207

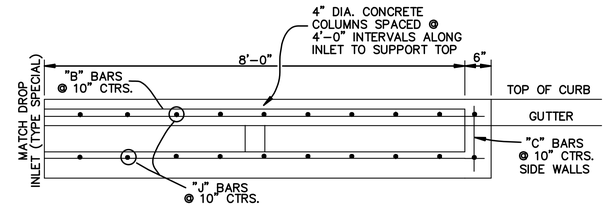
QUANTITIES FOR INFORMATION ONLY
DROP INLET (TYPE SPECIAL)



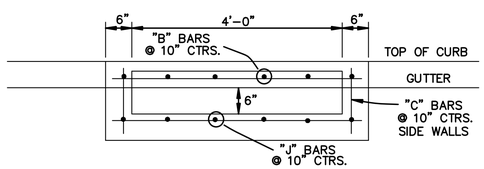
TOP VIEW – EXTENSION



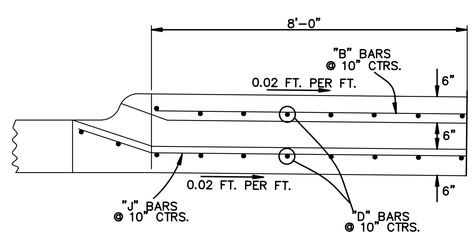
BACK VIEW



FRONT VIEW – EXTENSION



FRONT VIEW



SECTION A–A

GENERAL NOTES:

1. ALL EXPOSED CORNERS TO HAVE 3/4" CHAMFER.
2. ALL REINF. BARS SHALL BE #4 AND HAVE 1–1/2" COVER.
3. DROP INLETS AND EXTENSIONS ON CURVED SECTIONS SHALL CONFORM TO THE CURVATURE OF THE CURB.
4. DURING CONSTRUCTION OF THE ROADWAY THE CONTRACTOR SHALL MAINTAIN DRAINAGE INTO OR AROUND THE DROP INLET AS APPROVED BY THE ENGINEER.
5. PAYMENT FOR CURB AND/OR CURB AND GUTTER WITHIN THE LIMITS OF DROP INLETS AND DROP INLET EXTENSIONS SHALL BE CONSIDERED INCLUDED IN PAYMENT MADE FOR DROP INLETS AND/OR DROP INLET EXTENSIONS.
6. CONCRETE DITCH PAVING & SOLID SODDING SHALL BE PAID FOR SEPARATELY.
7. CONSTRUCT EXTENSIONS UPSTREAM OF DROP INLET UNLESS OTHERWISE SPECIFIED.

DROP INLET (TYPE SPECIAL)

SPECIAL DETAILS

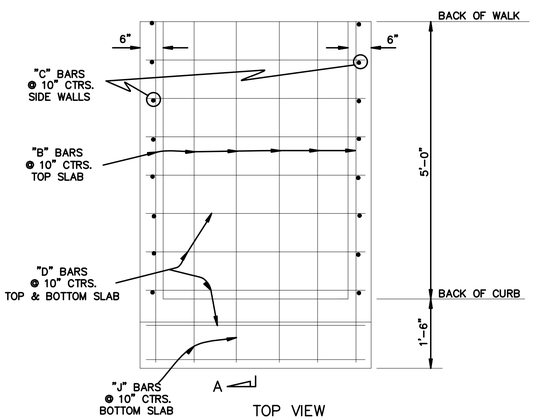
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

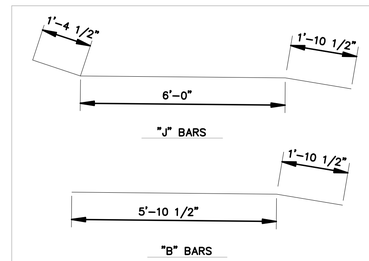
SPECIAL DETAILS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JLB
DESIGNED	JLB
CHECKED	####
DATE	7.31.2024
SCALE	1" = 20'
PROJECT NO.	MCE 24-5757
SHEET NO.	C18

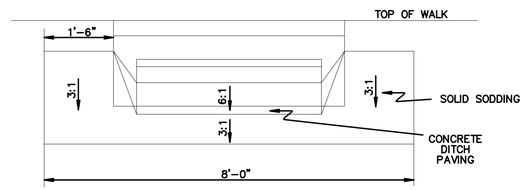


TOP VIEW



CLASS A CONC.	REINF. STEEL-RDWY GRADE 60
CU. YDS.	POUND
1.50	155

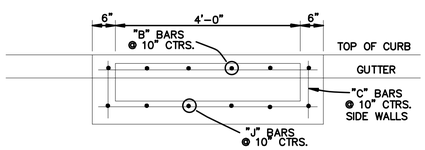
QUANTITIES FOR INFORMATION ONLY.



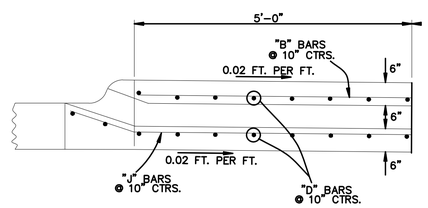
BACK VIEW

GENERAL NOTES:

1. ALL EXPOSED CORNERS TO HAVE 3/4" CHAMFER.
2. ALL REINF. BARS SHALL BE #4 AND HAVE 1-1/2" COVER.
3. DROP INLETS AND EXTENSION ON CURVED SECTIONS SHALL CONFORM TO THE CURVATURE OF THE CURB.
4. DURING CONSTRUCTION OF THE ROADWAY THE CONTRACTOR SHALL MAINTAIN DRAINAGE INTO OR AROUND THE DROP INLET AS APPROVED BY THE ENGINEER.
5. PAYMENT FOR CURB AND/OR CURB AND GUTTER WITHIN THE LIMITS OF DROP INLETS AND DROP INLET EXTENSIONS SHALL BE CONSIDERED INCLUDED IN PAYMENT MADE FOR DROP INLETS AND/OR DROP INLET EXTENSIONS.
6. PAYMENT FOR CONCRETE DITCH PAVING & SOLID SODDING SHALL BE PAID FOR SEPARATELY.
7. SEE STANDARD DRAWING FPC-9E FOR EXTENSIONS.



FRONT VIEW



SECTION A-A

DROP INLET (TYPE SPECIAL)

SPECIAL DETAILS

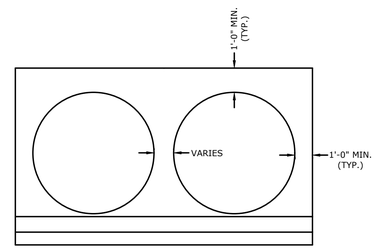
REVISIONS	DATE

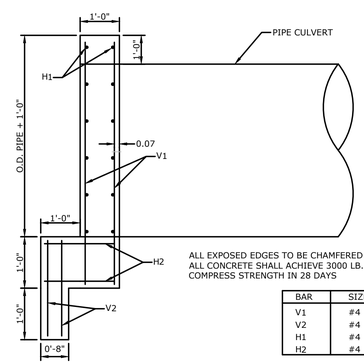
CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

SPECIAL DETAILS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JLB
DESIGNED	JLB
CHECKED	####
DATE	7.31.2024
SCALE	1" = 20'
PROJECT NO.	MCE 24-5757
SHEET NO.	C19





ALL EXPOSED EDGES TO BE CHAMFERED 3/4"
ALL CONCRETE SHALL ACHIEVE 3000 LB.
COMPRESS STRENGTH IN 28 DAYS

BAR	SIZE	SPACING	LENGTH
V1	#4	18"	VARIES
V2	#4	18"	
H1	#4	18"	VARIES
H2	#4	18"	

PIPE CULVERT HEADWALL
N.T.S.

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
INDIAN TRAIL SIDEWALK
MOCKING BIRD LN. TO GLEN DR.

MISCELLANEOUS DETAILS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY
JLB
DESIGNED
JLB
CHECKED
CGS
DATE
3.18.2025
SCALE
1" = 20'
PROJECT NO.
MCE 24-5757
SHEET NO.
C20