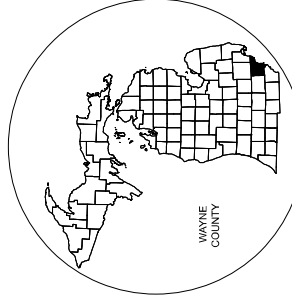


# CITY OF DETROIT PW-7065

## AFFORDABLE HOUSING - ALLEY INFRASTRUCTURE PROJECT

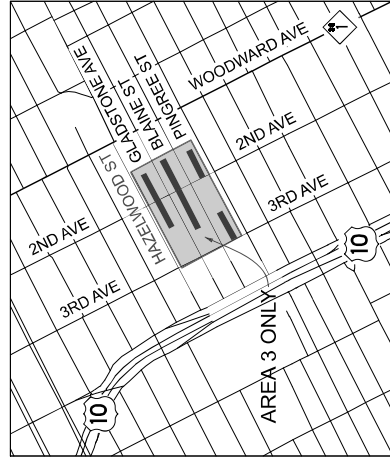
THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE CITY OF DETROIT STANDARD SPECIFICATIONS AND STREET VALLEY STANDARDS, AND THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION, AND SUPPLEMENTAL SPECIFICATIONS TO THE MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION 2020 EDITION.

TRAFFIC DATA		SPEED DATA		LIMITS	
ROAD	YEAR	ADT	DIV.	COMM.	DESIGNPOSTED



WAYNE COUNTY  
COUNTY KEY

DECEMBER 03, 2025  
AS CONSTRUCTED PLANS  
BY:  
MONUMENT ENGINEERING, INC.



### NOTES

- LOCATIONS AND DIMENSIONS ARE APPROXIMATE. THIS IS NOT A LEGAL SURVEY.
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE DETROIT STANDARD SPECIFICATIONS AND STREET VALLEY STANDARDS, AND THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION, AND SUPPLEMENTAL SPECIFICATIONS TO THE MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION 2020 EDITION.
- THE CONTRACTOR SHALL ADHERE TO ALL SITE, LOCAL, COUNTY, AND STATE ORDINANCES GOVERNING HOURS OF OPERATION.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION AND CONTACT MESA (A MINIMUM OF 3 WORKING DAYS PRIOR TO CONSTRUCTION) TO OBTAIN THE LOCATION OF ALL UTILITIES LOCATED OUTSIDE OF THE PUBLIC RIGHT-OF-WAY IDENTIFIED AND MARKED ON THESE PLANS.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT UTILITIES, AND BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF ALL UTILITIES THROUGHOUT WORK AREAS.
- THE CONTRACTOR SHALL MAINTAIN ALL NECESSARY CONSTRUCTION STAKING AND GRADE ALIGNMENT CONTROLS. THE CONTRACTOR SHALL PROVIDE SUFFICIENT STAKING AND GRADE ALIGNMENT CONTROLS BY MEANS OF STAKES, STAINISHINES, OR OTHER APPROPRIATE MEANS.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT UTILITIES, AND BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF ALL UTILITIES THROUGHOUT WORK AREAS.
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**PW-7065  
AFFORDABLE HOUSING - ALLEY INFRASTRUCTURE PROJECT**

**LOCAL AUTHORITY APPROVAL**  
CITY OF DETROIT  
CITY ENGINEERING DIVISION  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
ENGINEERS SERVICES CORPORATION

PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_  
LICENSED PROFESSIONAL ENGINEER

THE MANNIK & SMITH GROUP, INC.  
ORGANIZATION  
607 SHELBY STREET, SUITE 300  
DETROIT, MI 48226

MILES: 0.71  
CONTRACT FOR:  
ALLEY IMPROVEMENTS INCLUDING RECONSTRUCTION, DRAINAGE IMPROVEMENT,  
ADA RAMP AND SIDEWALK IMPROVEMENT.

NO.	DATE	AUTH.	DESCRIPTION	NO.	DATE	AUTH.	DESCRIPTION
FINAL ROW PLAN REVISIONS: SUBMITTAL DATE: _____							
FILE: DETR00652_Thb_001.dgn				DATE: 08/05/2024			
DESIGN UNIT: DETROIT				CS: PW-7065			
ISC:				JIN: PW-7065			
NO SCALE				TITLE: AFFORDABLE HOUSING			
				ALLEY INFRASTRUCTURE PROJECT			
				DRAWING SHEET			
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				SECTION 1			
				TITLE			
				1			
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**SURFACING**

**REMOVAL**



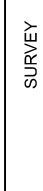
**PROPOSED**



**SIDEWALK & CURB RAMPS**



**TYPICAL SECTION**



**CURB & GUTTER**



**RAILROAD**



**SIGNS**



**MAINTAINING TRAFFIC**



**BARRIERS**



**VEGETATION**



**ENVIRONMENTAL**



**ROADSIDE / SITE**



**GENERAL LABELING**



**CONSTRUCTION**



**REMOVAL AND CONSTRUCTION**



**CONSTRUCTION LIMITS**



**BORINGS**



**STRUCTURES**



**MONUMENT PRESERVATION**



**BOUNDARY**



**CONCRETE MONUMENT**



**PLAY CORNER**



**SECTION CORNER - CENTER**



**MONUMENT PRESERVATION**



**GENERAL**



**FINAL ROW PLAN REVISIONS**

NO.	DATE	AUTH	DESCRIPTION

**SUBMITTAL DATE:**

NO.	DATE	AUTH	DESCRIPTION

**DESIGN UNIT: DETROIT**

FILE: DETR0062\_Layout\_001.dgn

**DATE: 07/09/24**

CS: JUN: PW-7065

**NO SCALE**

DATE: 07/09/24

**LEGEND**

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**UTILITIES**

- COMBINED SEWER**
- COMBINED SEWER
  - COMBINED SEWER - OUT OF SERVICE
  - COMBINED SEWER - TO BE TAKEN OUT OF SERVICE
  - COMBINED SEWER - TO BE REMOVED

- COMMUNICATION**
- FIBER OPTIC
  - FIBER OPTIC - OUT OF SERVICE
  - FIBER OPTIC - OVERHEAD
  - FIBER OPTIC MARKER
  - CABLE
  - CABLE - OUT OF SERVICE
  - CABLE - OVERHEAD
  - CABLE MARKER
  - CABLE PEDestal
  - TELEPHONE
  - TELEPHONE - OUT OF SERVICE
  - TELEPHONE - OVERHEAD
  - TELEPHONE BOX
  - TELEPHONE MANHOLE
  - TELEPHONE PEDestal

- FUEL / PETROLEUM**
- GASOLINE FILLER PIPE
  - GASOLINE PUMP
  - GASOLINE UNDERGROUND TANK
  - PETROLEUM PIPELINE
  - PETROLEUM PIPELINE - OUT OF SERVICE
  - PETROLEUM PIPELINE MARKER
  - PETROLEUM WELL
  - PROPANE TANK

- NATURAL GAS**
- GAS LINE
  - GAS LINE - OUT OF SERVICE
  - MARKER
  - VALVE
  - WELL

- SANITARY SEWER**
- MANHOLE WITH COVER (DIM VARIES)
  - SEWER
  - SEWER - OUT OF SERVICE
  - SEWER - TO BE TAKEN OUT OF SERVICE
  - SEWER - TO BE REMOVED

- WATER**
- FIRE HYDRANT
  - GATE VALVE AND BOX
  - GATE VALVE IN WELL
  - IRRIGATION CONTROL VALVE
  - IRRIGATION SPRINKLER HEAD
  - SERVICE METER
  - SERVICE SHUTOFF
  - WATER WELL
  - IRRIGATION
  - WATER MAIN
  - WATER MAIN - OUT OF SERVICE
  - WATER MAIN - TO BE TAKEN OUT OF SERVICE
  - WATER MAIN - TO BE REMOVED

- STEAM**
- STEAM
  - STEAM
  - STEAM - OUT OF SERVICE

- GENERIC EXISTING UTILITIES**
- CATCH BASIN COVER
  - MANHOLE COVER
  - MARKER
  - PEDestal
  - SEWER CLEANOUT ACCESS
  - STRUCTURE BOTTOM (DIM VARIES)
  - UTILITY BOX
  - UTILITY

**DRAINAGE**

- CATCH BASIN W/ COVER (DIM VARIES)
- DRAINAGE STRUCTURE NUMBER
- DRAIN CASTING
- DROP INLET
- END SECTION (SIZE VARIES)
- FLOW DIRECTION ARROW
- HEADWALL (SIZE VARIES)
- MANHOLE W/ COVER (DIM VARIES)
- MANHOLE BASE W/ COVER (SIZE VARIES)
- MANHOLE TEE W/ COVER (SIZE VARIES)
- OUTLET HEADWALL (SIZE VARIES)
- CULVERT - EXISTING
- CULVERT (SIZE VARIES)
- DITCH CENTERLINE
- STORM SEWER - EXISTING
- STORM SEWER
- STORM SEWER - TO BE REMOVED
- UNDERDRAIN
- WATER EDGE

**NOTE:**  
EXISTING ITEMS ARE REPRESENTED BY THIN LINE WEIGHTS.  
PROPOSED ITEMS ARE REPRESENTED BY HEAVY LINE WEIGHTS.

NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION
FINAL PLAN REVISIONS				SUBMITTAL DATE:			
  							
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				FILE: DETR0062_Layout_002.dgn	JN: PW-7065	AFFORDABLE HOUSING	ALLEY LEGEND
				ISC:		ALLEY INFRASTRUCTURE PROJECT	
							DRAWING SHEET
							ALLEY SECT
							2
							4



**GENERAL NOTES**

**UTILITIES**

**MISS DIG/UNDERGROUND UTILITY NOTIFICATION**  
 Notify owners of existing lawn sprinkler systems and/or landscaping (in writing) at least 10 business days prior to excavation. Call 811 or 800-482-7171 or via the web at either [www.missdig.org](http://www.missdig.org) for single address or [www.missdig.org](http://www.missdig.org), a minimum of 3 working days prior to excavating, including weekends and holidays.

**ROW / REAL ESTATE**

**PROPERTY OWNERS**  
 All easements shown on the plans are for information only, and their accuracy is not guaranteed.

**LAWN SPRINKLER SYSTEMS AND LANDSCAPING**  
 Notify owners of existing lawn sprinkler systems and/or landscaping (in writing) at least 10 business days prior to excavation. Call 811 or 800-482-7171 or via the web at either [www.missdig.org](http://www.missdig.org) for single address or [www.missdig.org](http://www.missdig.org), a minimum of 3 working days prior to excavating, including weekends and holidays.

**SURVEY**

**PRESERVATION OF BOUNDARY MONUMENTS**

Preserve all corners within the project limits, whether shown or not. Adjust monument boxes as required.

**STATIONING**

Stationing on this project was taken from 4th plane and is not necessarily accurate.

**BENCHMARKS**

- ALLEY 1: BM654  
 DESCRIPTION: CGS W FACE PP  
 ELEVATION: 399.28
- ALLEY 2: BM3511  
 DESCRIPTION: CGS N FACE PP  
 ELEVATION: 955.32
- ALLEY 3, 1-2: BM7001  
 DESCRIPTION: CGS N PP  
 ELEVATION: 632.24
- ALLEY 3, 1-2: BM73537  
 DESCRIPTION: CGS PP  
 ELEVATION: 632.56
- ALLEY 3, 1-2: BM755067  
 DESCRIPTION: CGS PP  
 ELEVATION: 632.67
- ALLEY 3, 3-4: BM65131  
 ELEVATION: 631.54
- ALLEY 3, 3-4: BM66006  
 DESCRIPTION: CGS PP  
 ELEVATION: 631.28
- ALLEY 3, 5: BM70190  
 DESCRIPTION: CGS N PP  
 ELEVATION: 632.71
- ALLEY 3, 5: BM70431  
 DESCRIPTION: CGS N PP  
 ELEVATION: 632.36
- ALLEY 4: BM475000  
 DESCRIPTION: N RMI SQ CB  
 ELEVATION: 113.28
- ALLEY 4: BM475001  
 DESCRIPTION: N RMI GATE VALVE & WELL  
 ELEVATION: 115.04

**DETAILED GRADES**

**GRADES FOR INTERSECTIONS**

Determine intersection grades before construction is started.  
**SIGNALIZED SIDE ROAD TO TRUNKLINE INTERSECTIONS:**  
 Carry the normal grade of pavement grade of the trunkline across the intersection whenever possible. Establish the side road approach grade and crown to provide drainage and suitable rideability.

**UNSIGNALIZED TRUNKLINE TO TRUNKLINE INTERSECTIONS:**  
 Establish the grade of each trunkline to provide drainage and rideability of each trunkline. Vary the crown of each trunkline to best fit the longitudinal grades of each trunkline.

**UNSIGNALIZED SIDE ROAD TO TRUNKLINE INTERSECTIONS:**  
 Carry the normal grade of pavement grade of the trunkline across the intersection and establish the side road approach grade and crown to provide drainage.

**SIDEWALK AND CURB RAMP GRADES**

After staking the sidewalk and curb ramps contact the Engineer to verify the grades and authorize construction.

**EARTHWORK**

Earthwork quantities are computed by the average and area method based upon ground survey information.

**EARTH DISTURBANCE LIMITS**

Limit earth disturbance to 10' beyond the slope stake line or to the ROW line whichever is greater. The area between the slope stake line and the ROW line disturbance are at the slope stake line. The plans include restoration measures for the approved areas of disturbance. Submit an earth change plan to the Engineer to review and approve for any work beyond the approved areas of disturbance. Costs for obtaining and executing an approved earth change plan, including restoration are the Contractor's responsibility.

**SOIL EROSION MEASURES**

Place appropriate soil erosion and sedimentation control measures prior to excavation and maintain them as long as possible, as soon as possible on potential erodible slopes as directed by the Engineer.

**BASES**

Use aggregate 2 1/4" for aggregate bases unless otherwise specified.

**DRAINAGE**

**ILLEGAL CONNECTIONS TO STORM WATER SYSTEM**  
 Reconnect existing storm conveyance systems not shown on the plans with minimal disturbance to existing systems. All connections shall be made at the station and offset to the Engineer prior including size, type, and location by station and offset to the Engineer prior to reconnecting and proceed as directed.

**TEMPORARY BULKHEADS**

Use temporary bulkheads as needed for part width construction of culverts and sewers. Costs associated with temporary bulkheads are included in the items for the culverts and sewers.

**PAVEMENT**

**SOIL BORINGS AND/OR PAVEMENT CORES**

Soil borings and/or pavement cores shall be taken as needed to provide information. No inference should be made that subsurface or pavement conditions are the same at other locations.

**CONCRETE HAND FINISHING**

Strike off, consolidate, and hand finish concrete pours using hand methods on variable width lanes and lanes formed by flexible forms for short radius curves, as directed by the Engineer.

**TURF ESTABLISHMENT**

Use symbol TUF for the permanent turf seed mixture.

**SIGNS**

**EXISTING SIGN RELOCATION**

Salvage and reset any permanent signs requiring relocation due to Contractor operations at locations designated by the Engineer. Restore signs and posts to original condition with new signs and posts. The cost of this work is the Contractor's responsibility.

**PLAN SCALE**

The final plans submitted with the proposal are not to scale. Fabricate proposed signs and structures shown on plan sheets in accordance with Typical Plans, Standards, and/or Details at locations described.

**SIGN LAYOUT**

Use the current English edition of "Standard Highway Signs" manual or details in plans for proposed sign layouts. Use the "SignCAD" software to determine the sign layout.

**SHEETING**

Splice sheeting used for Type I signs with a 3/4-inch overlap.

**SIGN INSTALLATION**

Place nylon washers between the steel washer and the sign face sheeting. The nylon washers are to be considered part of the attaching devices and hardware. Use nylon washers with a 3/8-inch inner diameter, a 7/8-inch outer diameter and a 1/16-inch thickness.

**PROJECT SPECIFIC NOTES**

**EROSION CONTROL PROGRAM**

Department of Public Works (DPW) is an Authorized Public Agency (APA) entity and has been granted the by the State of Michigan the privilege to undertake earth change activities without having to obtain Soil Erosion and Sedimentation Control Permits. The contractor shall follow the State of Michigan's SECC law and requirements. The contractor shall follow the DPW Procedures, create the required soil erosion control plans, and obtain plan approval from the DPW Project Manager or DPW Acting Official/PA Contact. If the City of Detroit receives any SECC violation notice and/or fines associated with this project, the contractor must correct any violation within 24 hours of receiving notice from the DPW. The contractor shall hold the City harmless by paying for all SECC fines associated with the project.

**SEWER INSPECTION AND CLEANOUT REPAIRS**

Contractor must perform sewer inspection and cleanout / repairs prior to grade work and paving.

NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



**NO SCALE**

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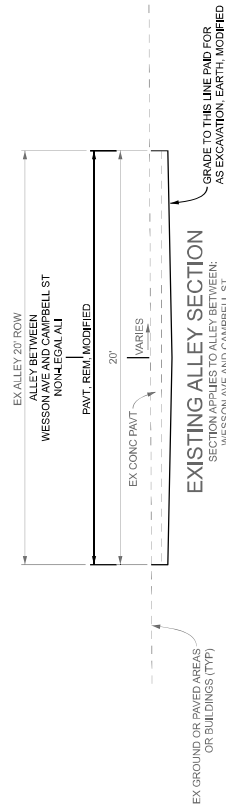
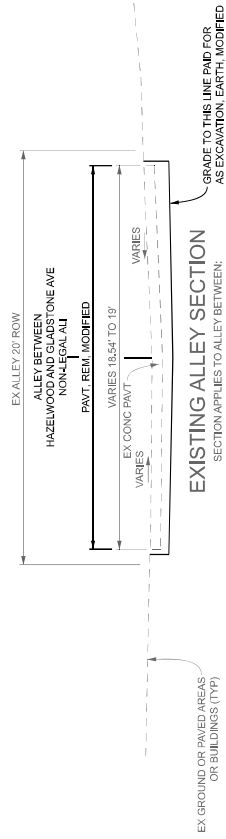
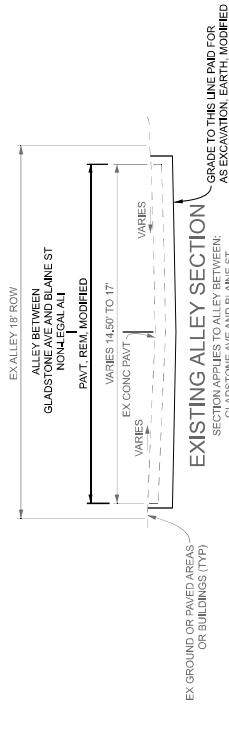
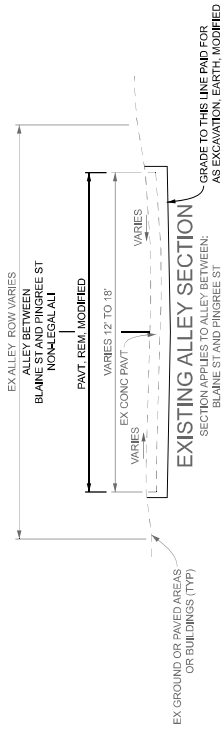
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CS:  
 JIN: PW-7065

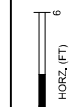
NOTE SHEET  
 AFFORDABLE HOUSING  
 ALLEY INFRASTRUCTURE PROJECT

DRAWING SHEET  
 ALLEY  
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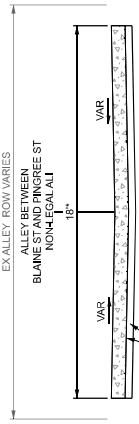
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CS:  
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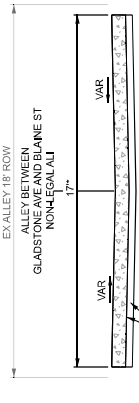
TYPICAL CROSS SECTIONS  
AFFORDABLE HOUSING  
ALLEY INFRASTRUCTURE PROJECT





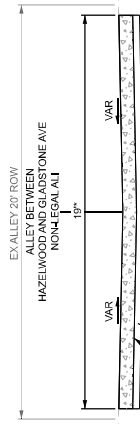
EX ALLEY ROW VARIES  
ALLEY BETWEEN  
BLAINE ST AND PINGREE ST  
NON-LEGAL ALI

**PROPOSED ALLEY SECTION**  
SECTION APPLIES TO ALLEY BETWEEN:  
BLAINE ST AND PINGREE ST



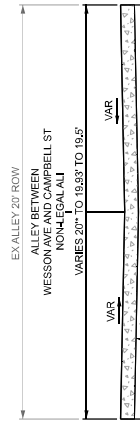
EX ALLEY 18' ROW  
ALLEY BETWEEN  
GLADSTONE AVE AND BLAINE ST  
NON-LEGAL ALI

**PROPOSED ALLEY SECTION**  
SECTION APPLIES TO ALLEY BETWEEN:  
GLADSTONE AVE AND BLAINE ST



EX ALLEY 20' ROW  
ALLEY BETWEEN  
HAZELWOOD AND GLADSTONE AVE  
NON-LEGAL ALI

**PROPOSED ALLEY SECTION**  
SECTION APPLIES TO ALLEY BETWEEN:  
HAZELWOOD AND GLADSTONE AVE



EX ALLEY 20' ROW  
ALLEY BETWEEN  
WESSON AVE AND CAMPBELL ST  
NON-LEGAL ALI  
VARIES 20' TO 18'8" TO 18'5"

**PROPOSED ALLEY SECTION**  
SECTION APPLIES TO ALLEY BETWEEN:  
WESSON AVE AND CAMPBELL ST

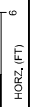
EX GROUND OR PAVED AREAS  
OR BUILDINGS (TYP)

\*PLACE EXPANSION JOINT ALONG BRICK OR  
CONCRETE BUILDINGS OR CONCRETE PAVEMENT.  
PAVE TO PROPERTY LINE AT ABUTTING GARAGE  
ENTRANCES, PAVED AREAS OF BUILDINGS AS PER C-4395

FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:		DRAWING SHEET					
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	ALLEY	SECTION
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								1	10

DATE: 07/09/24	CS:	TYPICAL CROSS SECTIONS
DESIGN UNIT: DETROIT	JN: PW-7065	AFFORDABLE HOUSING
ISC:		ALLEY INFRASTRUCTURE PROJECT

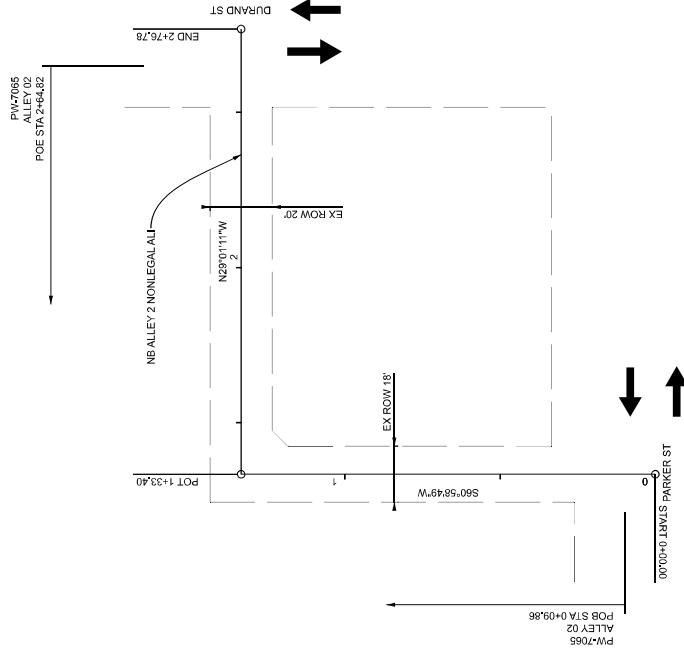






**ALIGNMENT KEY**

ALLEY BETWEEN DURAND AND KERCHEVAL FROM VAN DYKE TO PARKER STREET NON-LEGAL ALI CONSTRUCTION ALIGNMENT AS PROPOSED FOR PW 7085



NO.	DATE	AUTH	DESCRIPTION

INFRASTRUCTURE ENGINEERING INC.  
 10000 Boul. de la Vallée  
 Ste. Anne de Bellevue, QC H9V 4L7  
 TEL: 514 441-1111  
 WWW.IE-INC.COM



FILE: DETR0062\_Alley2\_Align.dgn  
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 DATE: 07/08/24

CS: JUN: PW-7085

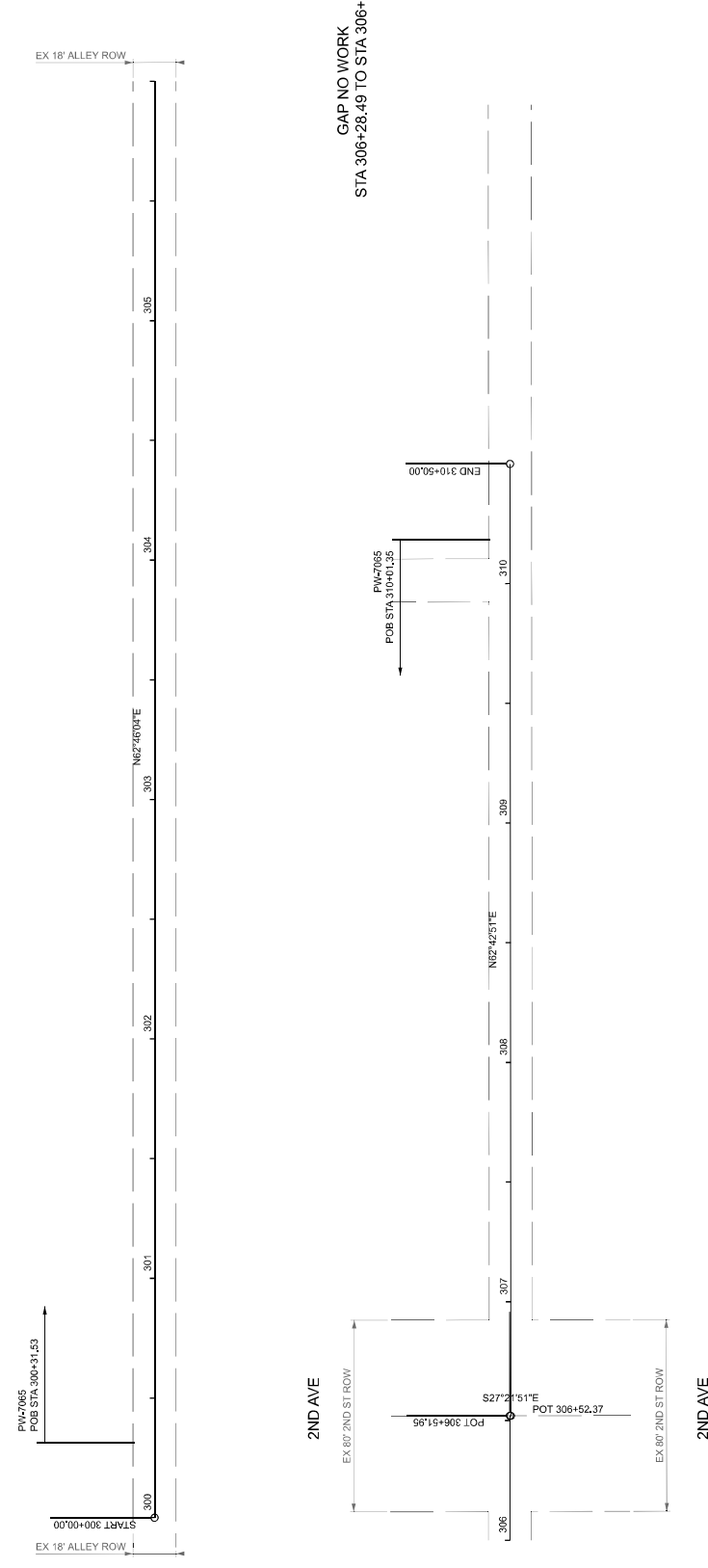
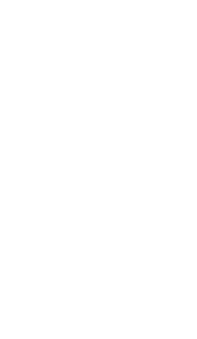
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 ALLEY BETWEEN DURAND AND KERCHEVAL  
 FROM VAN DYKE TO PARKER STREET

DRAWING SHEET  
 ALI  
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ALIGNMENT KEY

ALLEY BETWEEN GLADSTONE AVE AND BLAINE ST; ALLEY 3 CONSTRUCTION ALIGNMENT AS PROPOSED FOR PW-7065



NO.	DATE	AUTH	DESCRIPTION	INCL. DATE	AUTH	DESCRIPTION

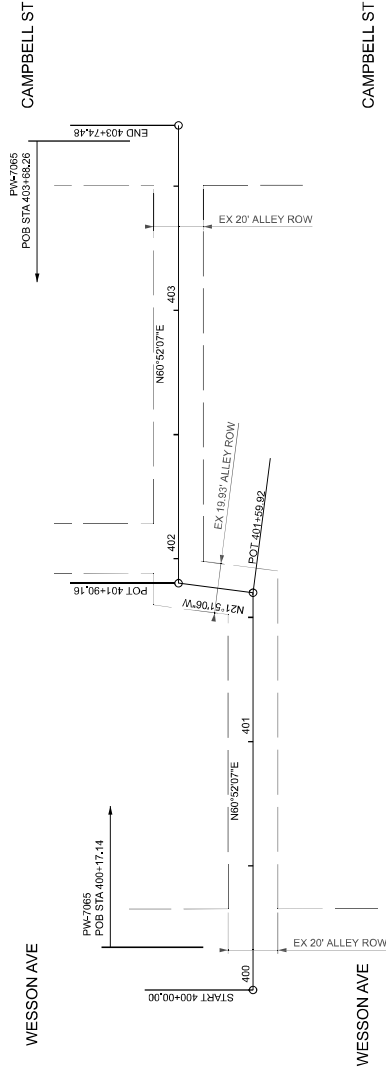
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 ISC: \_\_\_\_\_  
 CS: \_\_\_\_\_  
 JUN: PW-7065  
 ALIGNMENT: ALLEY BETWEEN GLADSTONE AVE AND BLAINE ST  
 STA 300+31.53 (POB) TO STA 310+01.35 (POE)



NO.	DATE	AUTH	DESCRIPTION	INCL. DATE	AUTH	DESCRIPTION



ALIGNMENT KEY  
 ALLEY BETWEEN WESSON AVE AND CAMPBELL ST: ALLEY 4 CONSTRUCTION ALIGNMENT AS PROPOSED FOR PW-7065



NO.	DATE	AUTH	DESCRIPTION



FILE: DETR0062\_Alley\_4\_All\_004.dgn

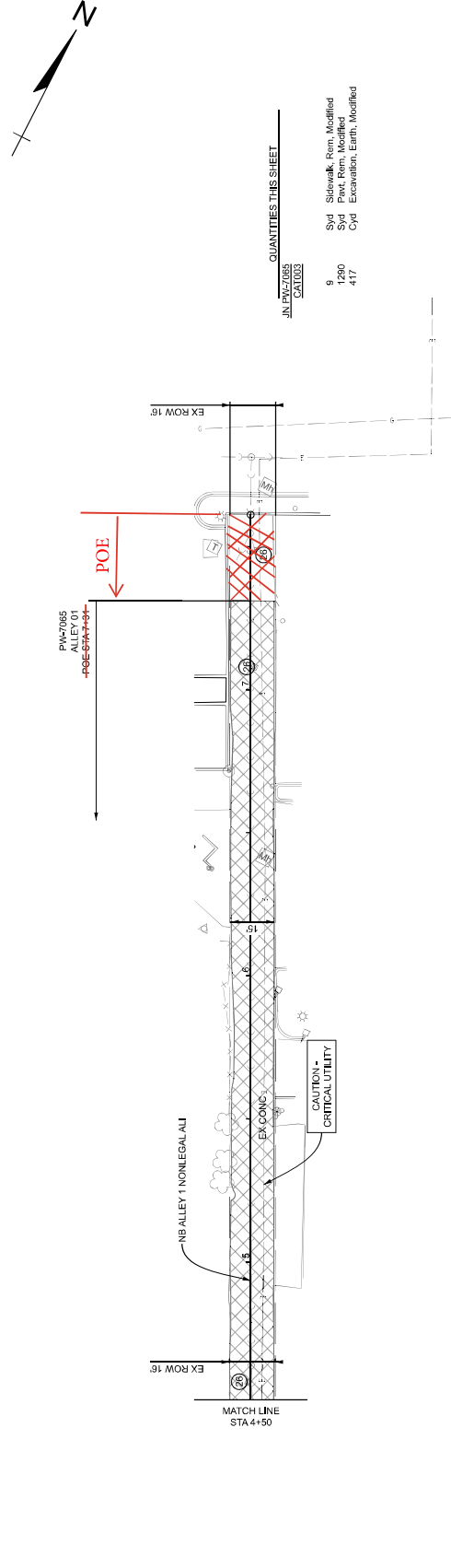
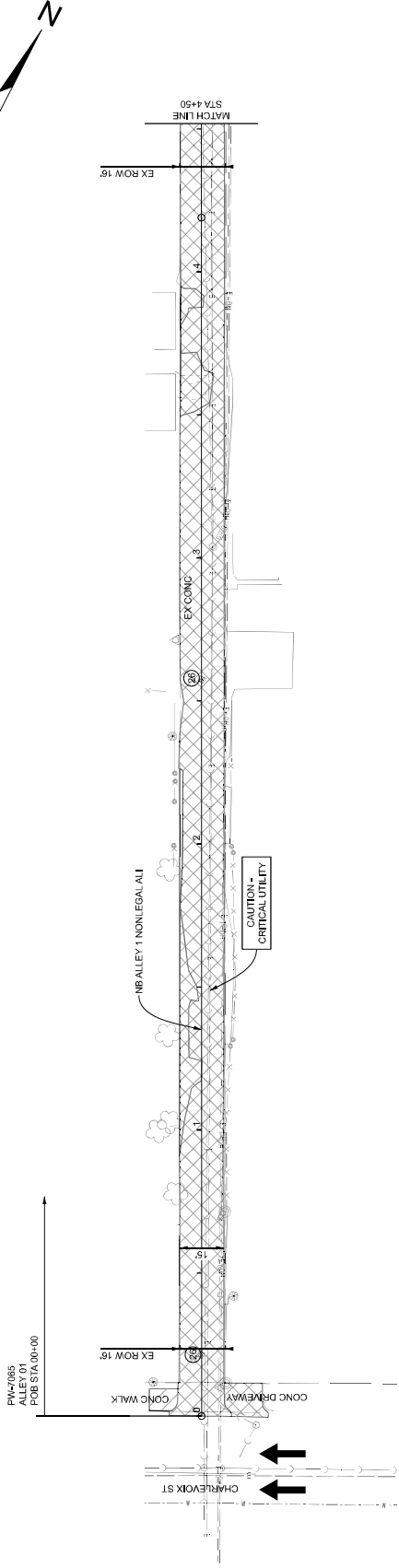
DATE: 07/09/24  
 DESIGN UNIT: DETROIT  
 ISC:

CS:  
 JN: PW-7065

ALIGNMENT  
 ALLEY BETWEEN WESSON AVE AND CAMPBELL ST  
 STA 400+17.14 (POB) TO STA 403+88.26 (POE)

DRAWING SHEET  
 ALLEY 4  
 ALL  
 4  
 17

NOTE:  
 OLD PAVEMENT MAY BE BURIED UNDER SOME SURFACE DEBRIS  
 OR OVERGROWTH, AND THESE AREAS ARE INCLUDED IN THE PAY  
 ITEM FOR Pavt. Rem, Modified



QUANTITIES THIS SHEET

JN PW-7065  
CALOES

Syd	Sidewalk, Rem, Modified	9
Syd	Pavt. Rem, Modified	4260
Cyd	Excavation, Earth, Modified	417

NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	FINAL ROW PLAN REVISIONS	SUBMITTAL DATE:	REMOVAL	DRAWING SHEET
										ALLEY BETWEEN ALTER AND ASHLAND FROM CHARLEVOIX TO MACK	After Rd. REM 1
											18

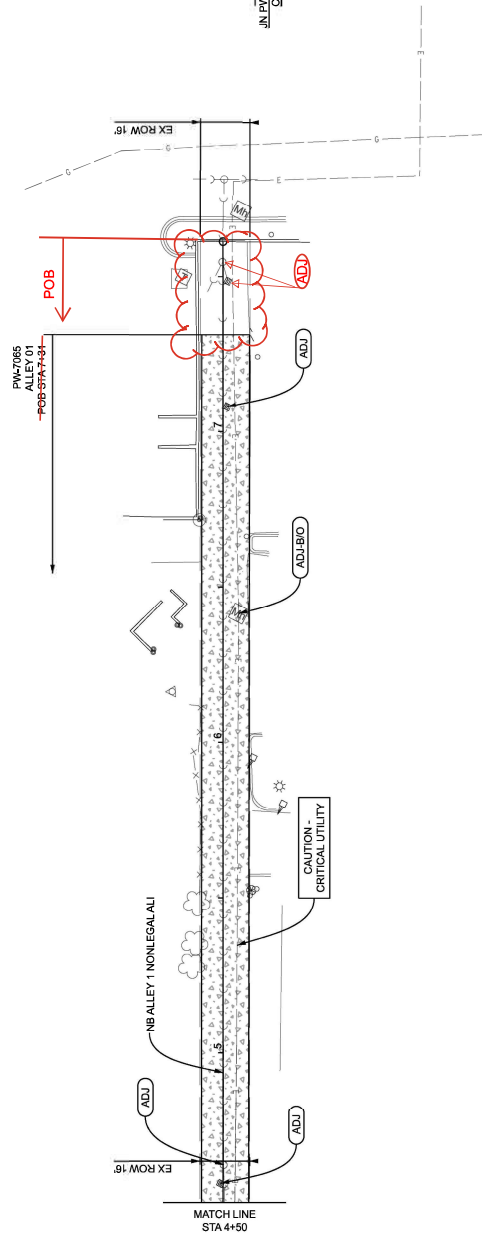
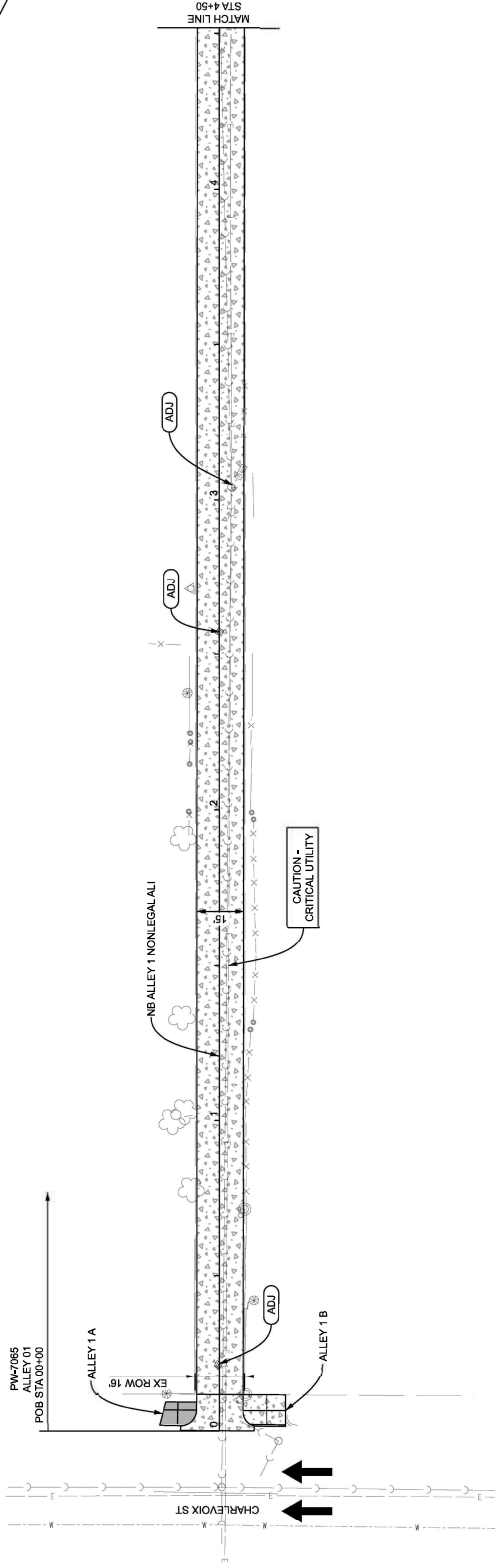


INFRASTRUCTURE  
 ENGINEERING, INC.  
 11000 E. 15th Ave., Suite 100  
 Denver, CO 80202

DATE: 07/08/24  
 DESIGN UNIT: DETROIT  
 FILE: DET0822\_Alley 1\_Rev.mxd

CS:  
 JN: PW-7065

HORIZ. (FT) 40  
 0



QUANTITIES THIS SHEET

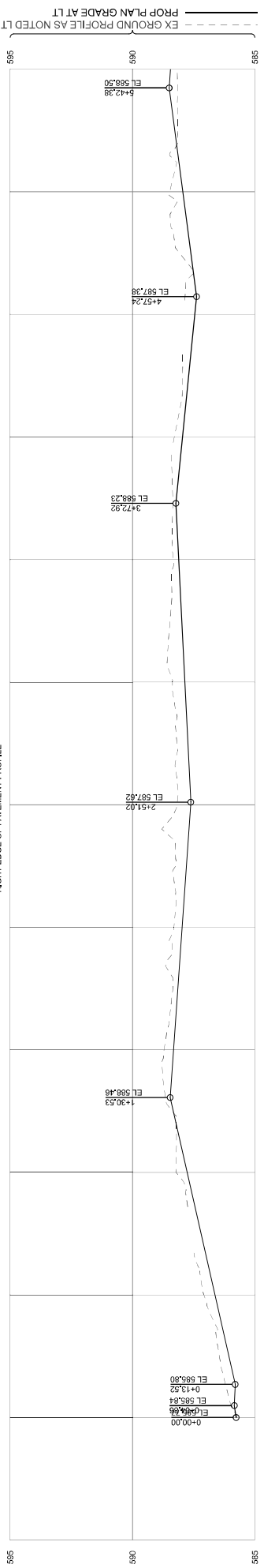
JUN PW-7065	1250	Syd	Aggregate Base, 4 inch
CAT003	6	Ea	Dt Structure Cover, Adj. Case 1, Modified
	1250	Syd	Alley, Nonrein Conc, 8 inch
	35	Syd	Driveway With Integral Curb, Nonrein Conc, 8 inch
	74	SR	Shoulder, Conc, 8 inch, Finished

FINAL ROW PLAN REVISIONS				NO.	DATE	AUTH	DESCRIPTION	DATE	AUTH	DESCRIPTION	DATE	AUTH	DESCRIPTION

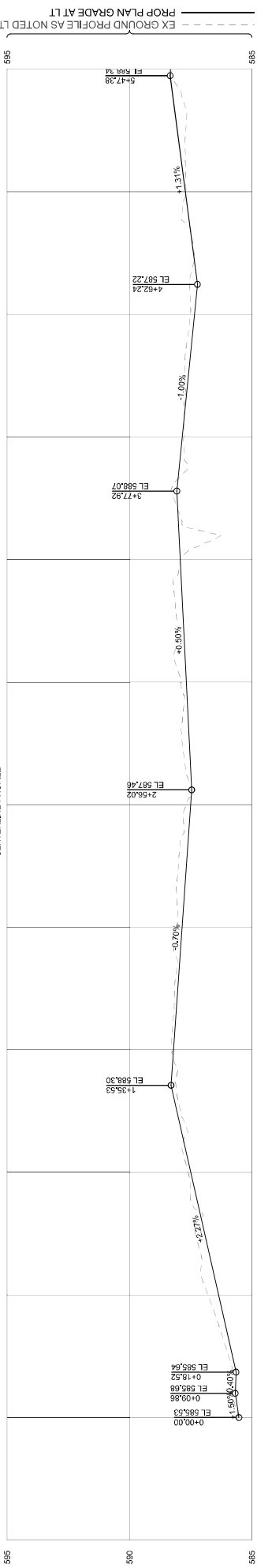
  

INFRAS TRUST LIFE ENGINEERING INC. 10000 RIVERCHASE DRIVE, SUITE 100 DUBLIN, OHIO 43017 TEL: 614.885.8800 WWW.INFRASTRUSTLIFE.COM	FILE: DETR0062_Alley1_Const1.dgn	DATE: 07/08/24	DESIGN UNIT: DETROIT	CS: JUN: PW-7065	CONSTRUCTION	DRAWING SHEET
					ALLEY BETWEEN ALTER AND ASHLAND	Alter R.C.
					FROM CHARLEVOIX TO MACK	CON
						1
						19

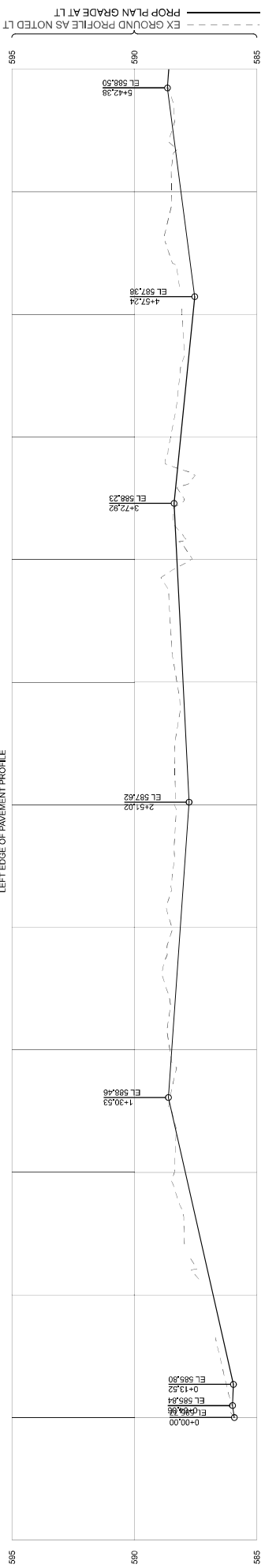
RIGHT EDGE OF PAVEMENT PROFILE



CENTERLINE PROFILE



LEFT EDGE OF PAVEMENT PROFILE

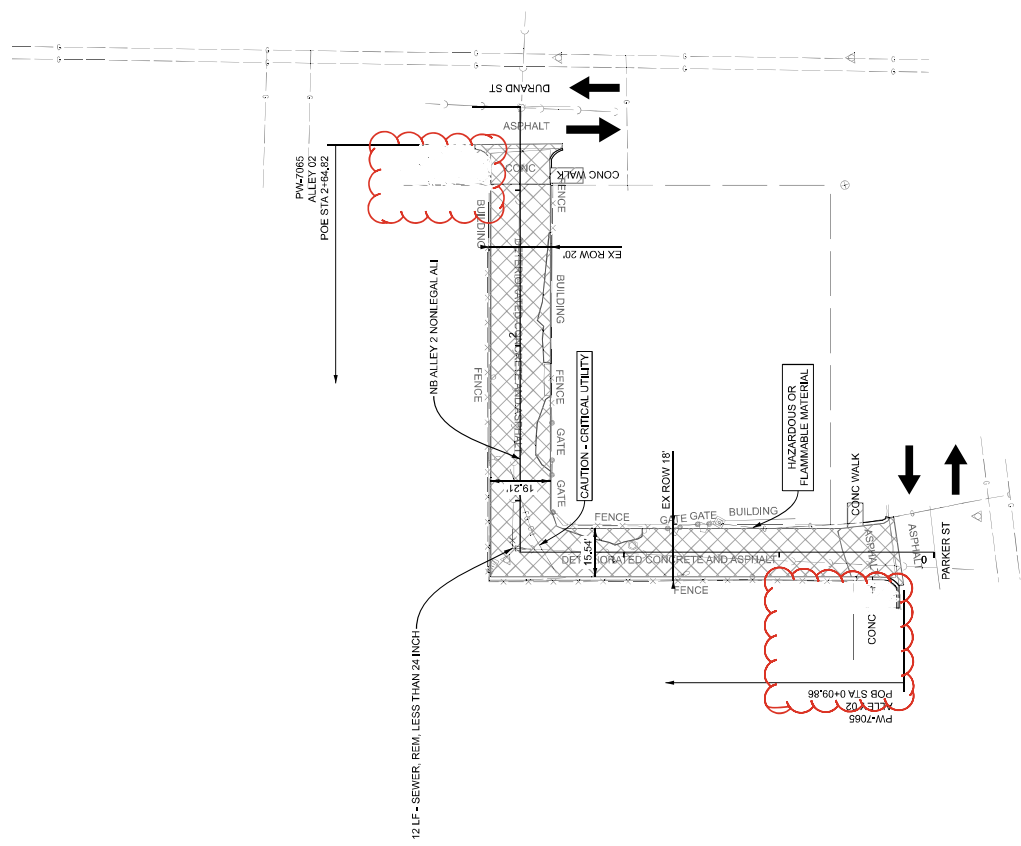


NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION
FINAL ROW PLAN REVISIONS SUBMITTAL DATE:							
INFRASTRUCTURE ENGINEERING, INC. 10000 E. 15th Ave., Suite 100 Denver, CO 80232							
DATE: 07/08/24		DESIGN UNIT: DETROIT		DATE: 07/08/24		DESIGN UNIT: DETROIT	
FILE: DETR0062_Alley1_Constr2.dgn		FILE: DETR0062_Alley1_Constr2.dgn		FILE: DETR0062_Alley1_Constr2.dgn		FILE: DETR0062_Alley1_Constr2.dgn	
VERT. (FT) 5		HORIZ. (FT) 40		VERT. (FT) 5		HORIZ. (FT) 40	
CS: JUN: PW47065				CS: JUN: PW47065			
ALLEY BETWEEN ALTER AND ASHLAND				ALLEY BETWEEN ALTER AND ASHLAND			
FROM CHARLEVOIX TO MACK				FROM CHARLEVOIX TO MACK			
DRAWING SHEET		SECTION 1		DRAWING SHEET		SECTION 1	
Alter Rd.		PROF		Alter Rd.		PROF	
20		2		20		2	





NOTE:  
 OLD PAVEMENT MAY BE BURIED UNDER SOME SURFACE DEBRIS  
 OR OVERGROWTH, AND THESE AREAS ARE INCLUDED IN THE PAY  
 ITEM FOR Pavt. Rem. Modified



QUANTITIES THIS SHEET

QTY	DESCRIPTION
24	Syd Skidwalk, Rem. Modified
514	Syd Pavt. Rem. Modified
150	Syd Excavation, Earth, Modified
12	Pt Sewer, Rem. Less Than 24 Inch

NO.	DATE	AUTH	DESCRIPTION	INCL. DATE	AUTH	DESCRIPTION	FINAL ROW PLAN REVISIONS	SUBMITTAL DATE:	DATE	DESIGN UNIT	CS:	REMOVAL	DRAWING SHEET
										DETROIT	JN: PW-7065	ALLEY BETWEEN DURAND AND KERCHEVAL FROM VAN DYKE TO PARKER STREET	Part 1 REM 2
										ISC:			22



WILSON ENGINEERING  
 11000 E. 14th Ave, Suite 100  
 Detroit, MI 48204  
 Phone: 313.963.1100

FILE: DETR0062\_Alley2\_Rem.dgn

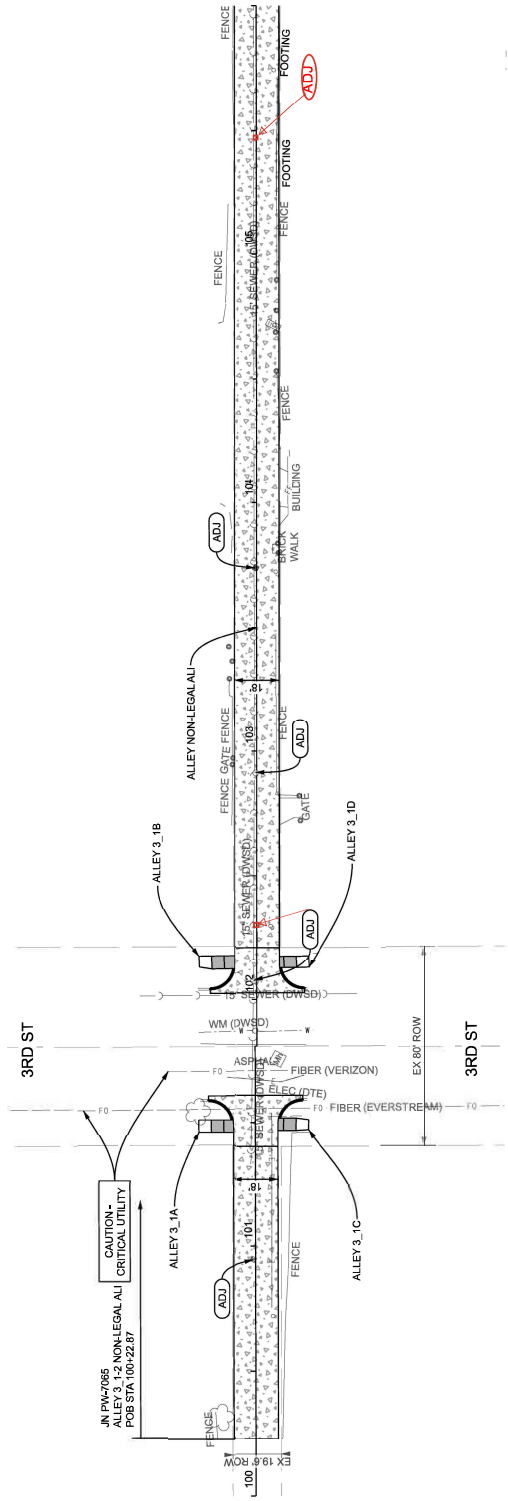
DATE: 07/09/24

HORIZ. (FT) 0 40









QUANTITIES THIS SHEET

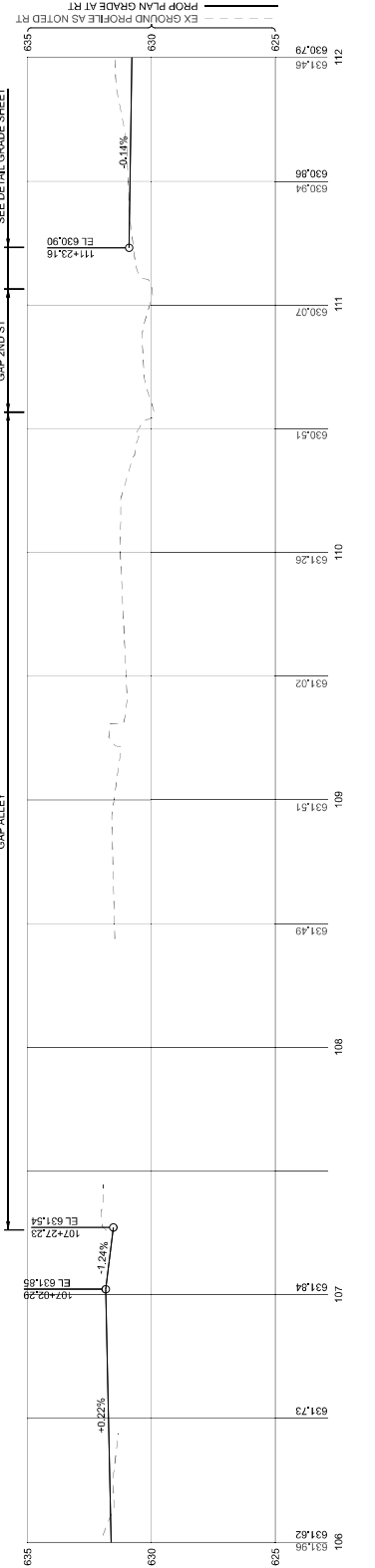
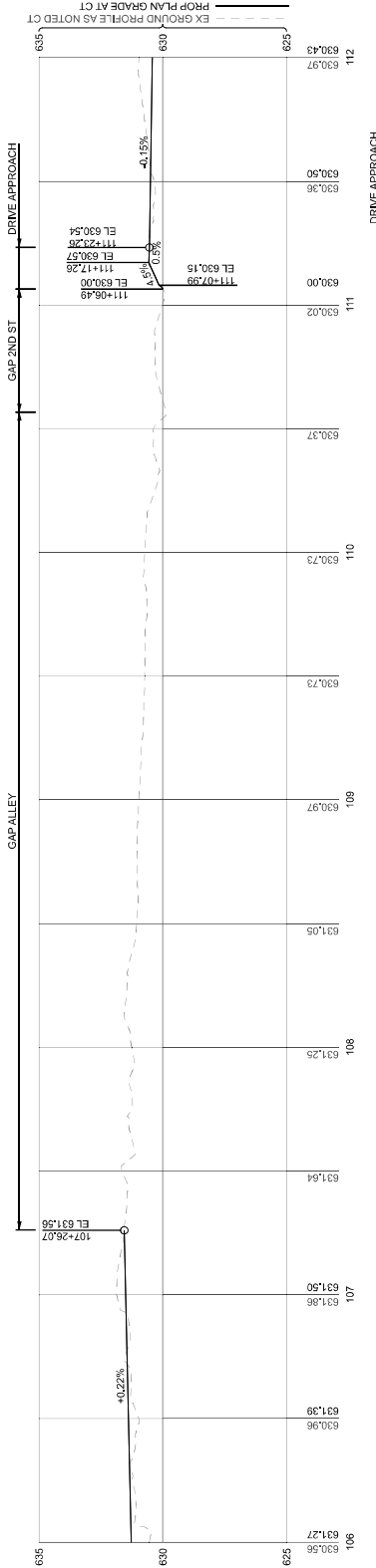
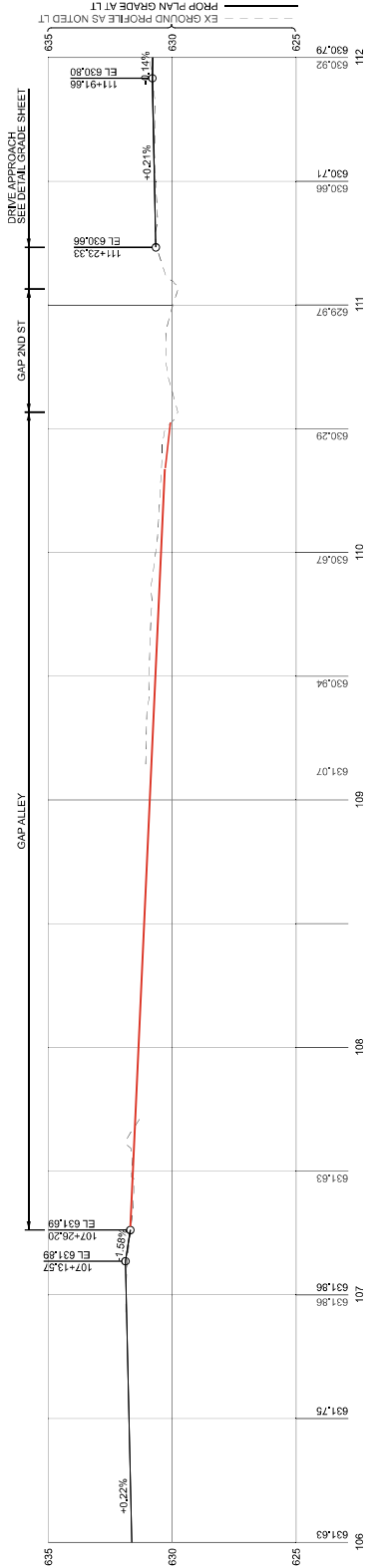
JN PW-7065	Syd	Aggregate Base, 4 inch
CAT 0003	4	Dr. Structure Cover, Adj. Case 1, Modified
	1257	Dr. Structure Cover, Adj. Case 1, Modified
	1142	Dr. Structure Cover, Adj. Case 1, Modified
	115	Driveway with Integral Curb, Nonpoint Conc., 8 inch
	110	Sidewalk Conc., 4 inch, Modified
	173	Sidewalk Conc., 6 inch, Modified

FINAL ROW PLAN REVISIONS		NO.	DATE	AUTH	DESCRIPTION
SUBMITTAL DATE:					
CONSTRUCTION					
ALLEY BETWEEN BLAINE ST AND PINGREE ST					
STA 100+22.87 (POB) TO STA 106+00					
DRAWING SHEET					28
CON					1
DATE: 07/08/24					CS:
DESIGN UNIT: DETROIT					JN: PW-7065
FILE: DETR0062_Alley_3_1-2_Con_001.dgn					TSC:
HORIZ. (FT)					50
0					









FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:		PROFILE			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION

DATE: 07/08/24	DESIGN UNIT: DETROIT	CS:	ALLEY BETWEEN BLAINE ST AND PINGREE ST
FILE: DETR0062_Alley_3_-2_Prof_002.dgn	JIN: PW-7065	STA 106+00 TO STA 112+00	

VERT. (FT)	0	5
HORIZ. (FT)	0	50

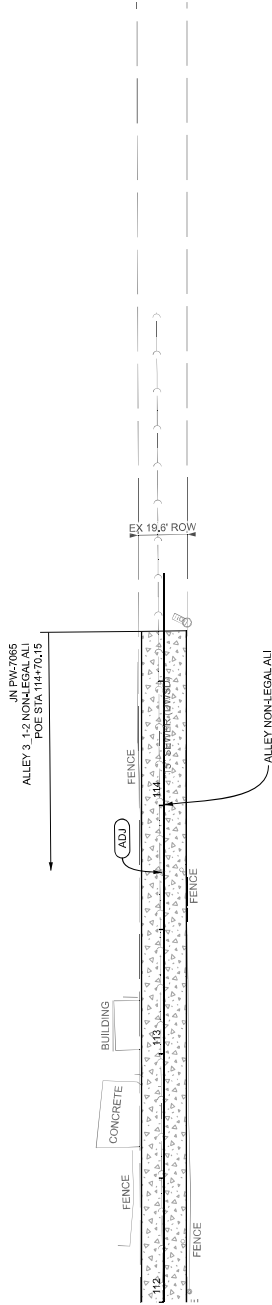

  



QUANTITIES THIS SHEET

JN PW-7065	Aggregate Base, 4 Inch	Syd
GAT 0003	Concrete, 4 Inch	332
	Concrete, 8 Inch	332
	Ally Nonreft Conc, 8 Inch	332

FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:		DESCRIPTION	
NO.	DATE	AUTH	NO.	DATE	AUTH

DATE: 07/09/24	DESIGN UNIT: DETROIT	CS:	CONSTRUCTION	DRAWING SHEET
FILE: DETR0062_Alley_3-2_Con_0303.dgn	FILE: DETR0062_Alley_3-2_Con_0303.dgn	JN: PW-7065	ALLEY BETWEEN BLAINE ST AND PINGREE ST	ALY 3-2 SECT 1
			STA 112+00 TO STA 114+70.15 (POE)	CON
				3
				32



SCALE: 1" = 50'	



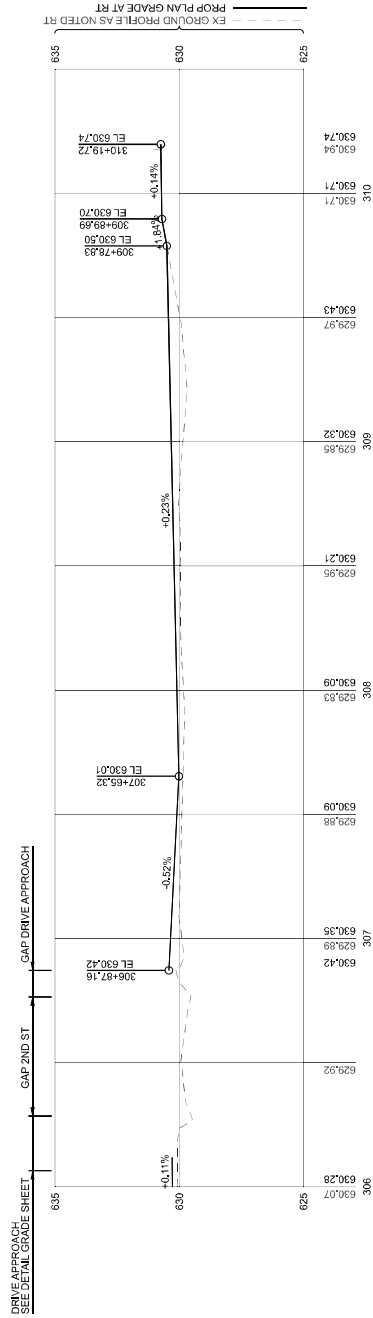
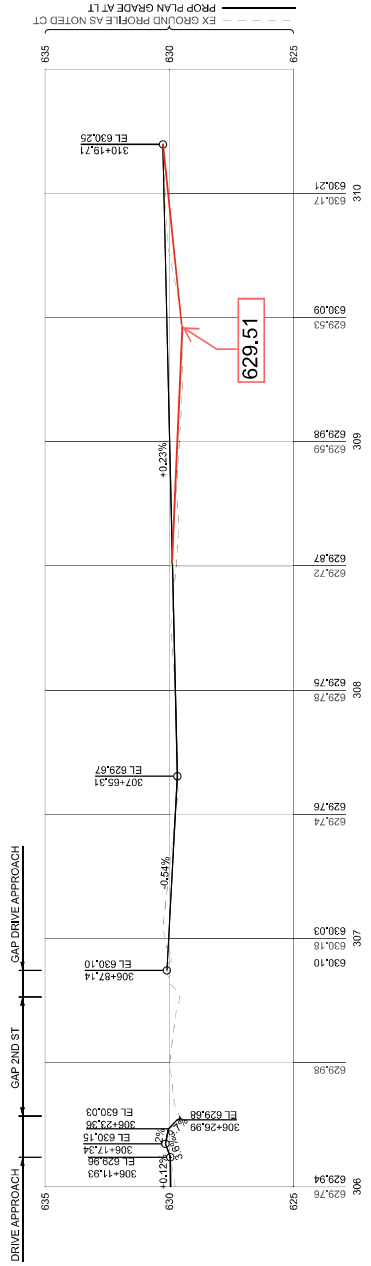
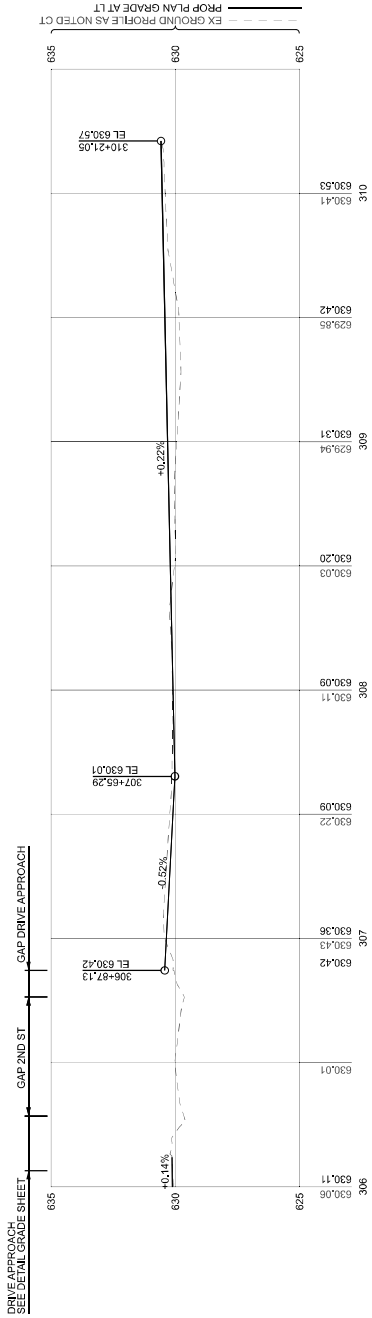












NO.	DATE	AUTH	DESCRIPTION



FILE: DETR0062\_Alley\_3-34\_Prof\_002.dgn

DATE: 07/08/24  
DESIGN UNIT: DETROIT

CS:  
JIN: PW-7065

PROFILE  
ALLEY BETWEEN GLADSTONE AVE AND BLAINE ST  
STA 306+00 TO STA 310+01.35 (FOE)

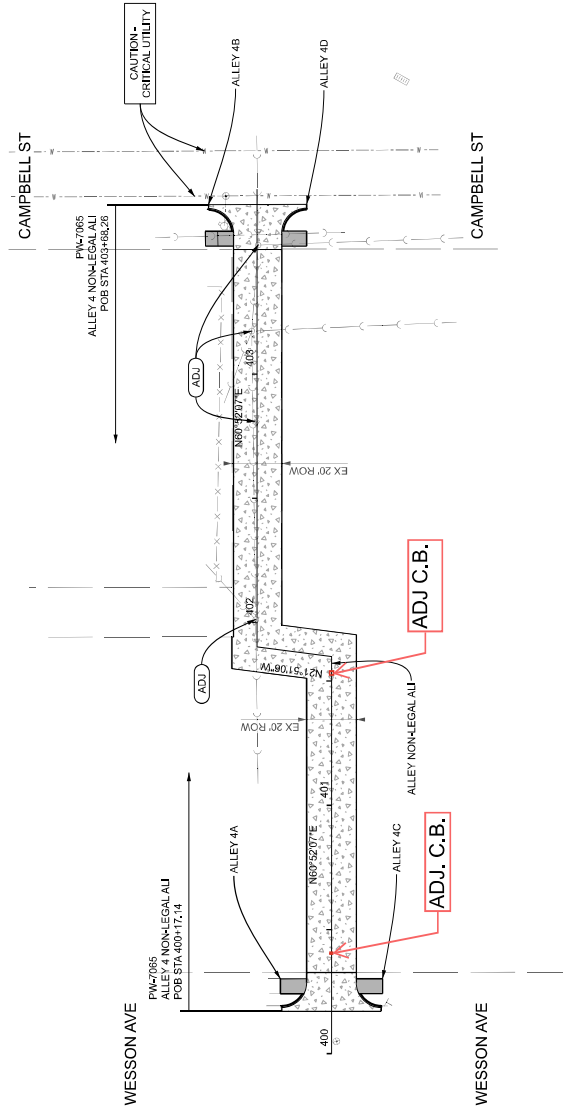
DRAWING SHEET  
ALY 3-34 SECT 1  
PROF  
0  
39











QUANTITIES THIS SHEET

ITEM	SYD	DESCRIPTION
300	4	Aggregate Base, 4 inch
301	4	D: Structure Cover, Adj, Case 1, Modified
802	109	Alley Nonmetal Conc, 8 inch
109	273	Diveaway with Integral Curb, Nonmetal Conc, 8 inch
273		Sidewalk Conc, 6 inch, Modified

FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	DESCRIPTION	DATE



FILE: DETR0062\_Alley\_4\_Con\_001.dgn

DATE: 07/09/24  
DESIGN UNIT: DETROIT  
ISC:

CS:  
JN: PW-7065

DRAWING SHEET	
ALLEY 4 CON	8
ALLEY 4	44
CON	8
8	44

CONSTRUCTION  
ALLEY BETWEEN WESSON AVE AND CAMPBELL ST  
STA 400+17.14 (POB) TO STA 403+68.28 (POE)













