

# CITY OF ALBANY

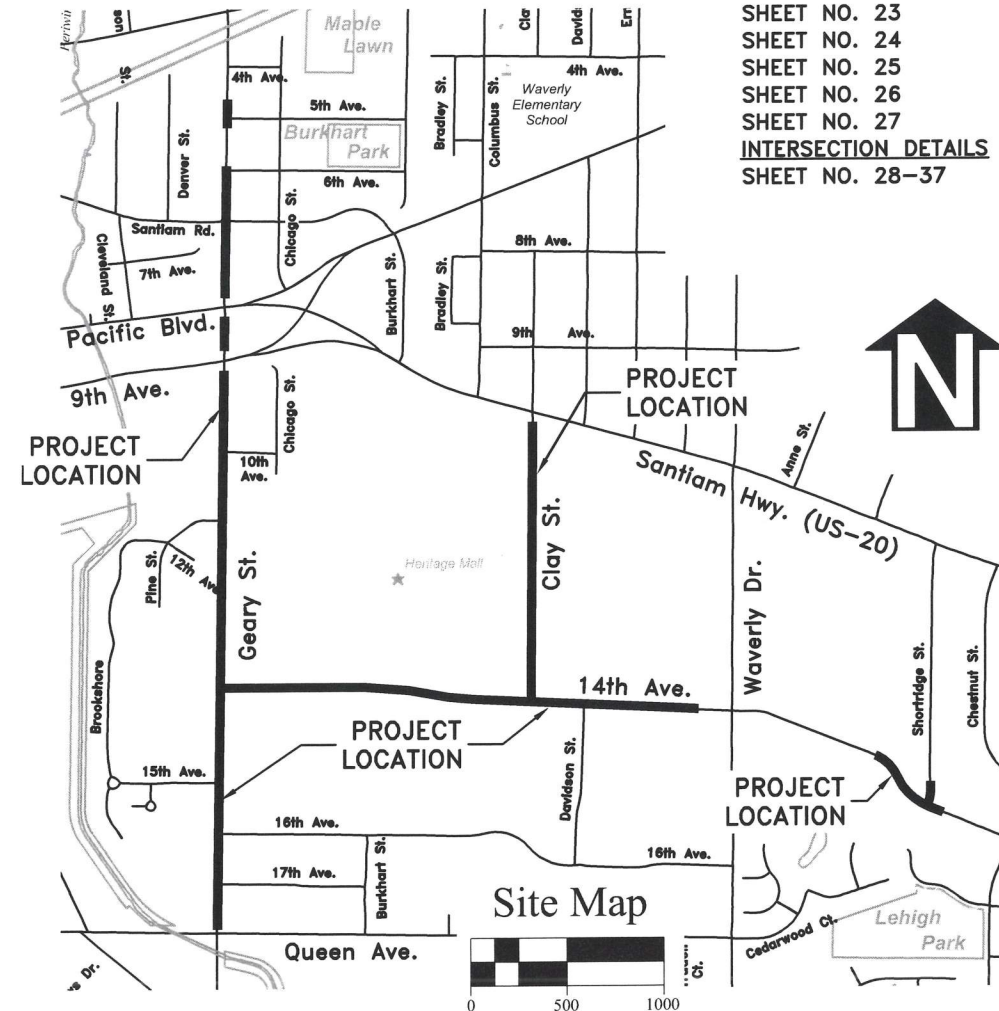
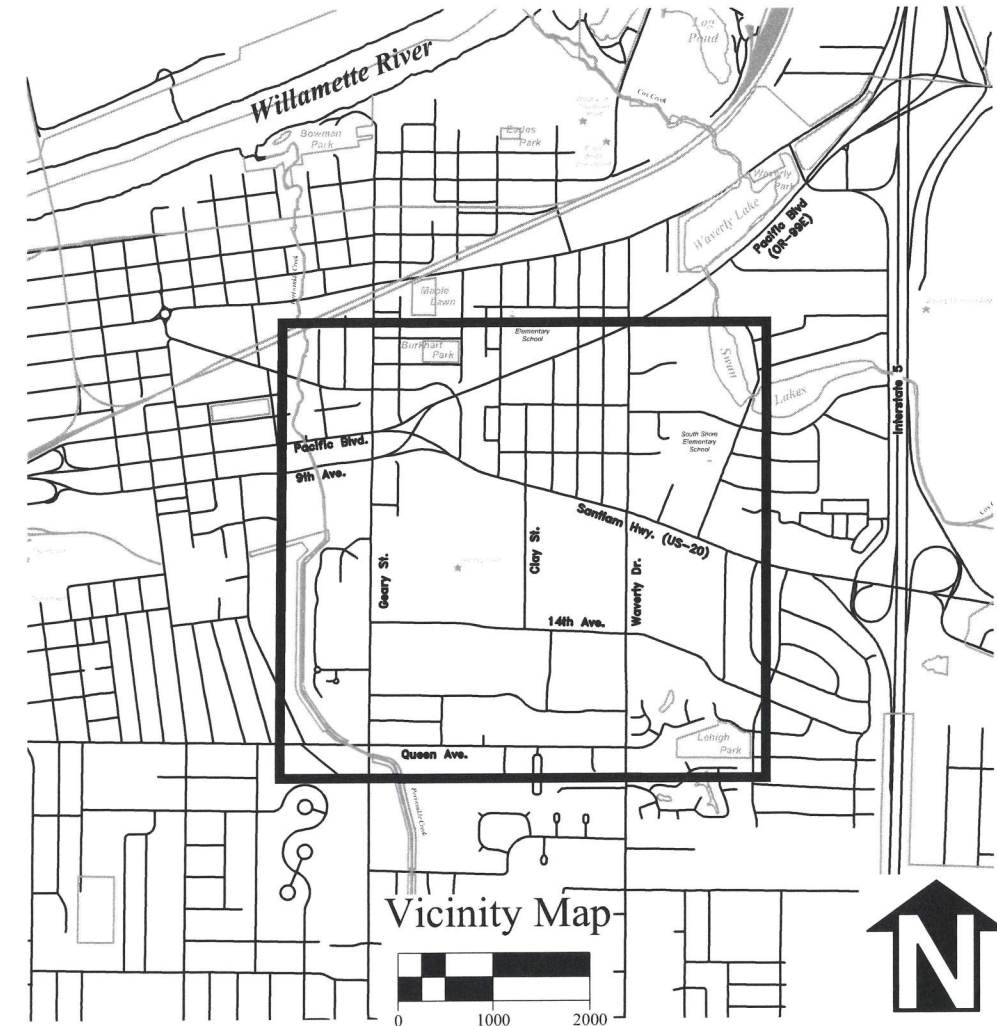
## ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY

### LEGEND

	EXISTING WATER SERVICE		EXISTING POWER POLE
	RECONNECT EXISTING METER		EXISTING STORM MANHOLE
	INSTALL NEW SERVICE WITH NO METER		NEW CURB INLET
	REPLACE EXISTING METER WITH NEW METER		NEW CATCH BASIN
	AIR RELEASE VALVE		EXISTING CURB INLET
	EXISTING WATER VALVE		EXISTING CATCH BASIN
	NEW WATER VALVE		EXISTING STREET LIGHT
	EXISTING WATER LINE		EXISTING TRAFFIC SIGN
	EXISTING GAS LINE		NEW TRAFFIC SIGN
	EXISTING STORM LINE		EXISTING HYDRANT
	EXISTING SANITARY SEWER LINE		NEW HYDRANT
	EXISTING QLN DUCT		REDUCER
	EXISTING POWER LINES		NEW WATER LINE
	CENTERLINE		NEW STORM LINE
	RIGHT-OF-WAY		

### SHEET INDEX

SHEET NO. 1	COVER & GENERAL NOTES
SHEET NO. 2	DETAILS & TYPICAL SECTIONS
<b>STREET &amp; STORM DRAIN CONSTRUCTION</b>	
SHEET NO. 3	GEARY STREET STA. 3+00 TO 4+50
SHEET NO. 4	GEARY STREET STA. 6+00 TO 13+00
SHEET NO. 5	STORM DRAIN REPAIRS
SHEET NO. 6	GEARY STREET STA. 14+00 TO 21+15
SHEET NO. 7	GEARY STREET STA. 21+15 TO 30+00
SHEET NO. 8	GEARY STREET STA. 30+00 TO 38+00
SHEET NO. 9	GEARY STREET STA. 38+00 TO 46+00
SHEET NO. 10	14TH AVENUE STA. 0+00 TO 9+25
SHEET NO. 11	14TH AVENUE STA. 9+25 TO 19+50
SHEET NO. 12	14TH AVENUE STA. 19+50 TO 25+00
SHEET NO. 13	14TH AVENUE STA. 34+00 TO 39+52
SHEET NO. 14	CLAY STREET STA. 15+00 TO 23+00
SHEET NO. 15	CLAY STREET STA. 23+00 TO 30+00
<b>SIGNING AND STRIPING PLANS</b>	
SHEET NO. 16	GEARY STREET STA. 3+00 TO 4+50
SHEET NO. 17	GEARY STREET STA. 6+00 TO 13+00
SHEET NO. 18	GEARY STREET STA. 14+00 TO 21+15
SHEET NO. 19	GEARY STREET STA. 21+15 TO 30+00
SHEET NO. 20	GEARY STREET STA. 30+00 TO 38+00
SHEET NO. 21	GEARY STREET STA. 38+00 TO 46+00
SHEET NO. 22	14TH AVENUE STA. 0+00 TO 9+25
SHEET NO. 23	14TH AVENUE STA. 9+25 TO 19+50
SHEET NO. 24	14TH AVENUE STA. 19+50 TO 25+00
SHEET NO. 25	14TH AVENUE STA. 34+00 TO 39+52
SHEET NO. 26	CLAY STREET STA. 15+00 TO 23+00
SHEET NO. 27	CLAY STREET STA. 23+00 TO 30+00
<b>INTERSECTION DETAILS</b>	
SHEET NO. 28-37	CURB RAMP DETAILS



### GENERAL NOTES

- ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF ALBANY STANDARD CONSTRUCTION SPECIFICATIONS AND ASSOCIATED STANDARD DRAWINGS. THE CURRENT VERSION OF THE CITY OF ALBANY STANDARD CONSTRUCTION SPECIFICATIONS CAN BE FOUND ON THE CITY'S WEBSITE AT [WWW.ALBANYOREGON.GOV](http://WWW.ALBANYOREGON.GOV).
- UTILITIES SHOWN ARE FOR REFERENCE ONLY. FOR A FIELD LOCATE, CALL THE UTILITIES NOTIFICATIONS CENTER AT 1-800-332-2344.
- OPERATING ACCESS FOR CITY MAINTENANCE PERSONNEL TO EXISTING AND NEW WATER VALVES AND MANHOLES SHALL BE CONTINUOUSLY MAINTAINED BY THE CONTRACTOR DURING ALL CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL VERIFY ALL EXISTING PIPE ELEVATIONS, PIPE DIAMETERS, AND PIPE MATERIALS AT CONNECTION AND ABANDONMENT LOCATIONS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO ENGINEER PRIOR TO BEGINNING WORK.
- ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987).
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION PREVENTION SEDIMENT CONTROL (EPSC) MEASURES IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED BY THE CITY OF ALBANY, AND VEGETATION/LANDSCAPING IS ESTABLISHED. FOR GUIDANCE, REFER TO THE CITY OF ALBANY EPSC MANUAL WHICH CAN BE FOUND AT [WWW.ALBANYOREGON.GOV](http://WWW.ALBANYOREGON.GOV).

DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERLEWSKI	BY: ---
DATE: 3/14/2024	DATE: ---

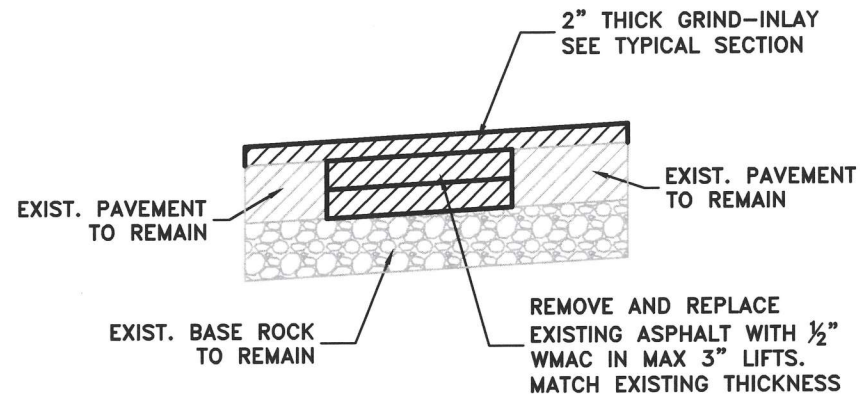
PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES

ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
COVER SHEET

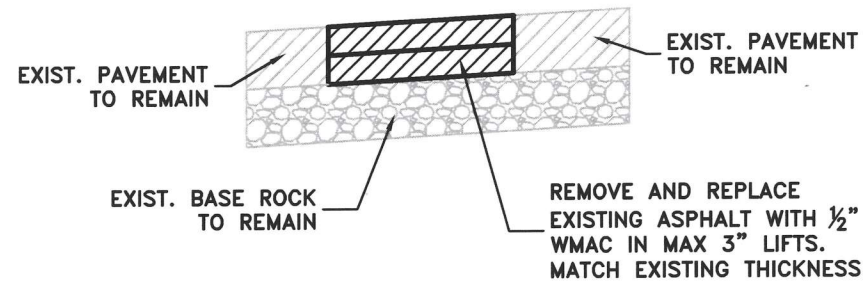
REGISTERED PROFESSIONAL  
ENGINEER  
84992PE  
CARL ALEXANDER BERG  
SEPT. 13, 2016

RENEWS: 12/31/2025  
SHEET NO. 1 OF 37  
PROJECT NO: ST-23-03  
FILE: COVER.DWG

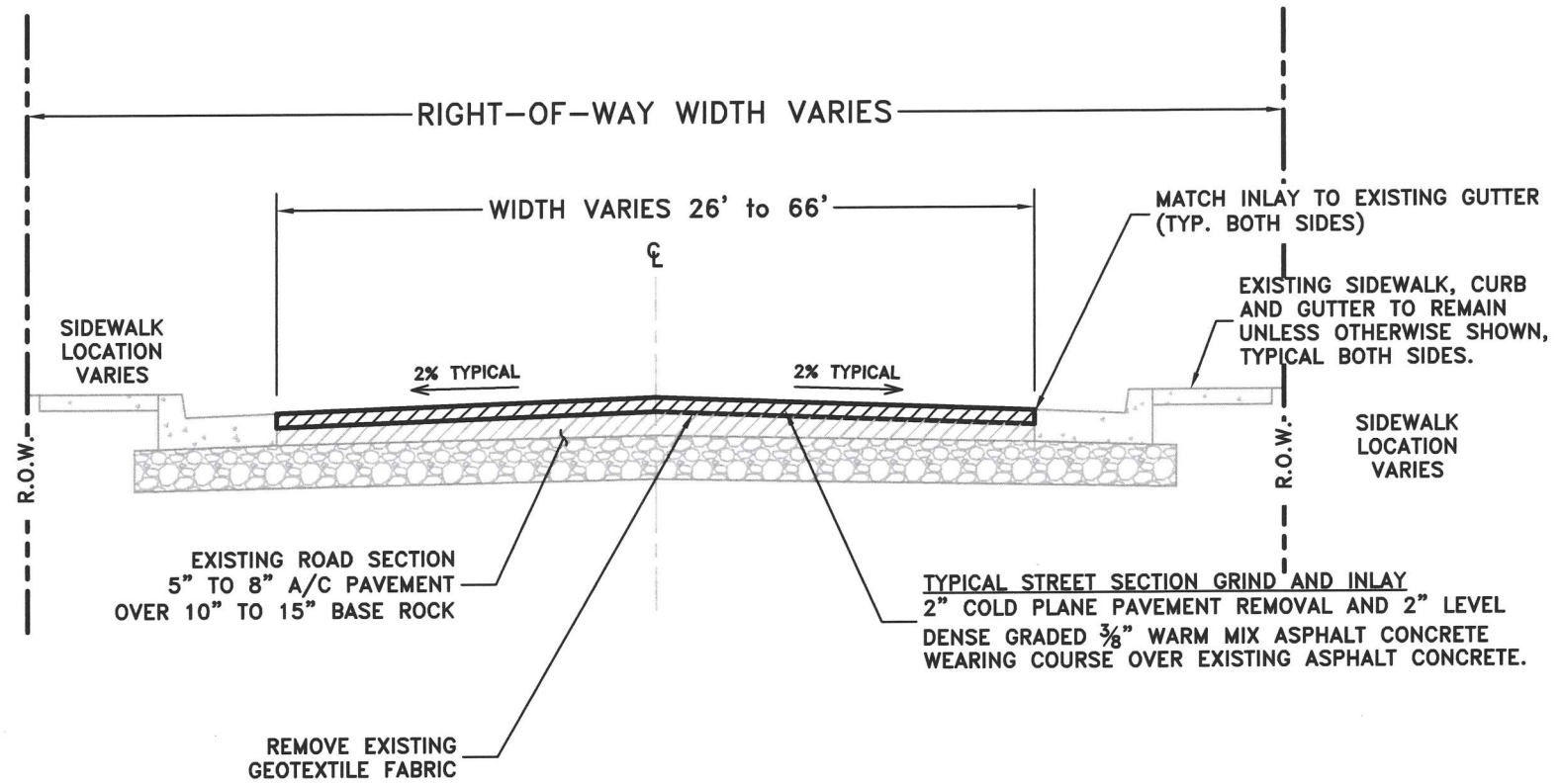
**DETAIL A - PAVEMENT RECONSTRUCTION  
IN GRIND-INLAY SECTION  
(NOT TO SCALE)**



**DETAIL B - PAVEMENT RECONSTRUCTION  
NO GRIND-INLAY  
(NOT TO SCALE)**



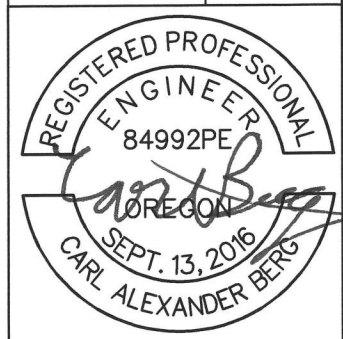
**TYPICAL CROSS-SECTION  
GEARY STREET, CLAY STREET, AND 14TH AVENUE  
(NOT TO SCALE)**



DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	DATE: ---

**PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
DETAILS & TYPICAL SECTIONS**

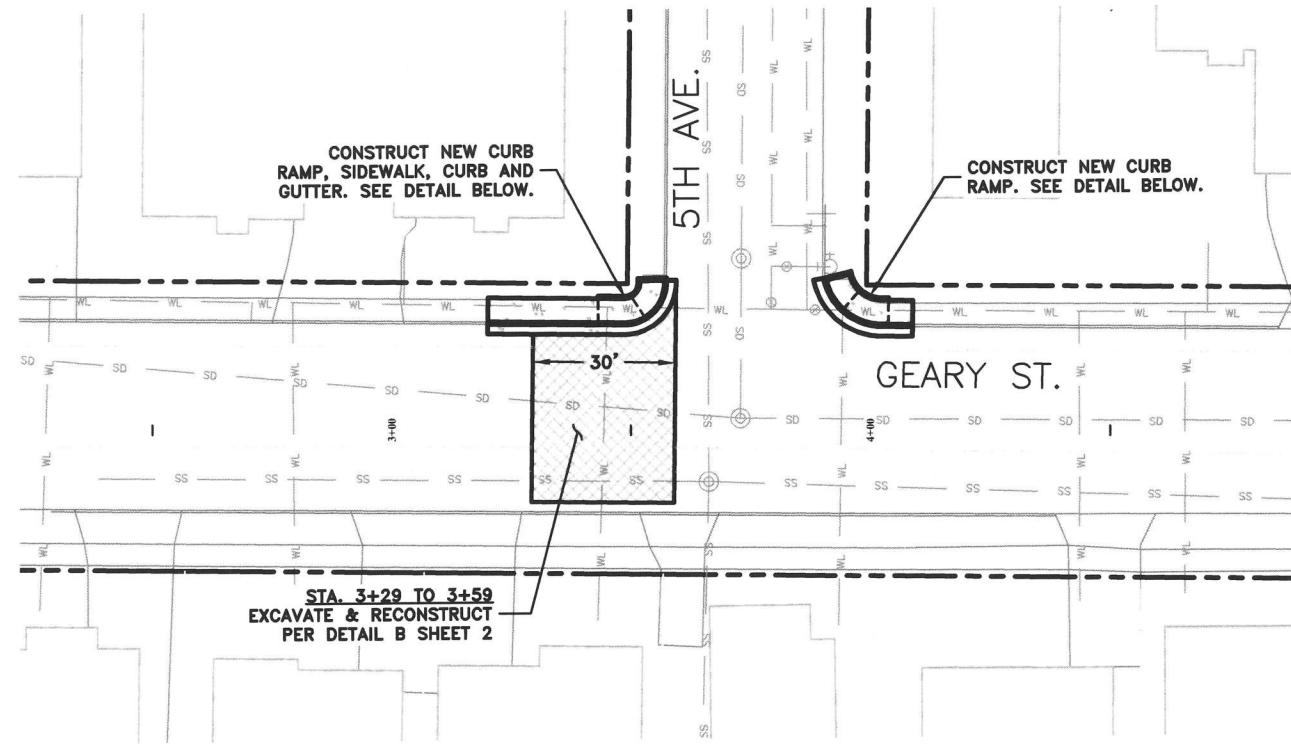
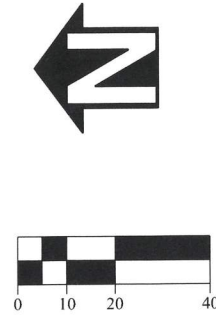


RENEWS: 12/31/2025

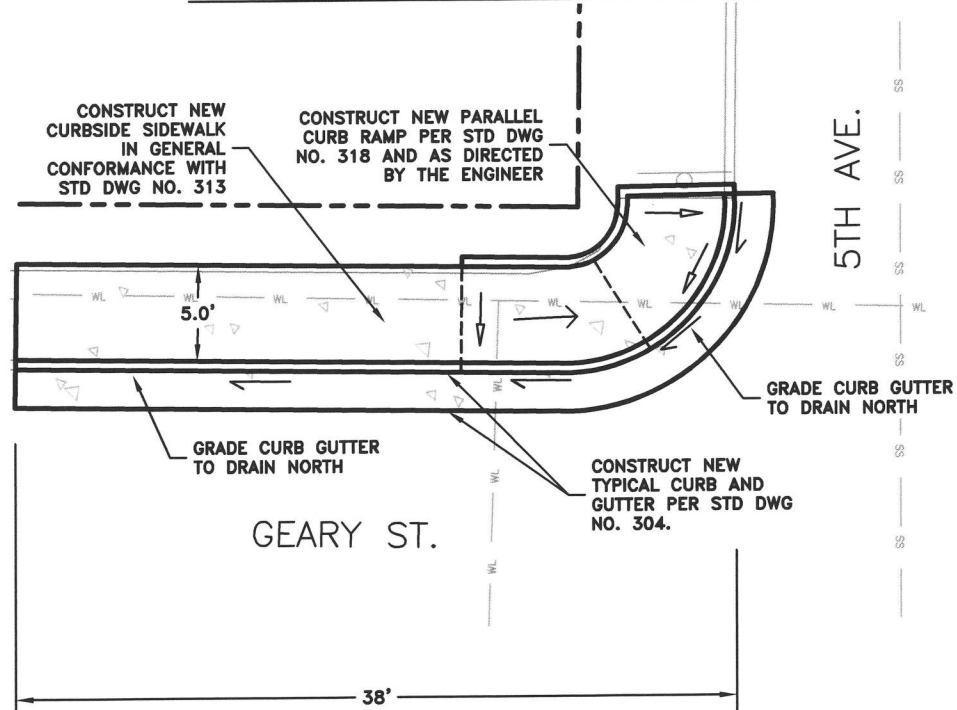
SHEET NO. 2 OF 37

PROJECT NO: ST-23-03

FILE: COVER.DWG

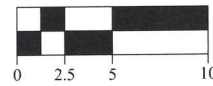


NE CORNER RAMP DETAIL VIEW



NOTES:

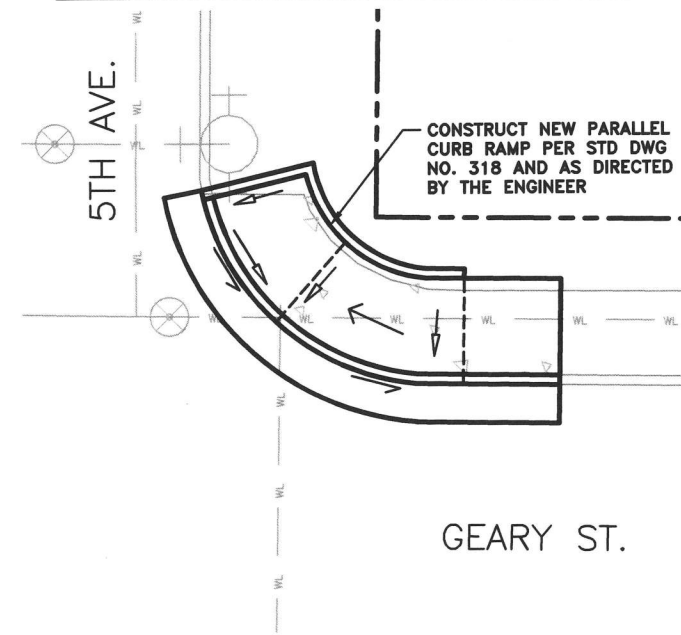
1. ALL FINISH CONCRETE SURFACING SHALL HAVE A MINIMUM SLOPE OF 0.5% (0.3% FINAL CONSTRUCTED SLOPE) IN AT LEAST ONE DIRECTION TO ALLOW FOR DRAINAGE.
2. CONTRACTOR SHALL COLLABORATE WITH ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.
3. TRANSITION PANELS MAY BE NEEDED AT MATCH LOCATIONS TO MEET CROSS SLOPE REQUIREMENTS.



LEGEND:

- ↖ CROSS SLOPE & LANDING  
DESIGN SLOPE 0%-1.5%  
MAX 2% CONSTRUCTED
- <<< RUNNING SLOPE  
DESIGN SLOPE 0%-4.5%  
MAX 5% CONSTRUCTED
- ↙ RAMP SLOPES  
DESIGN SLOPE 5%-7.5%  
MAX 8.3% CONSTRUCTED
- ↘ FLARE SLOPES  
DESIGN SLOPE 0%-9%  
MAX 10% CONSTRUCTED
- DRAINAGE FLOW DIRECTION

SE CORNER RAMP DETAIL VIEW



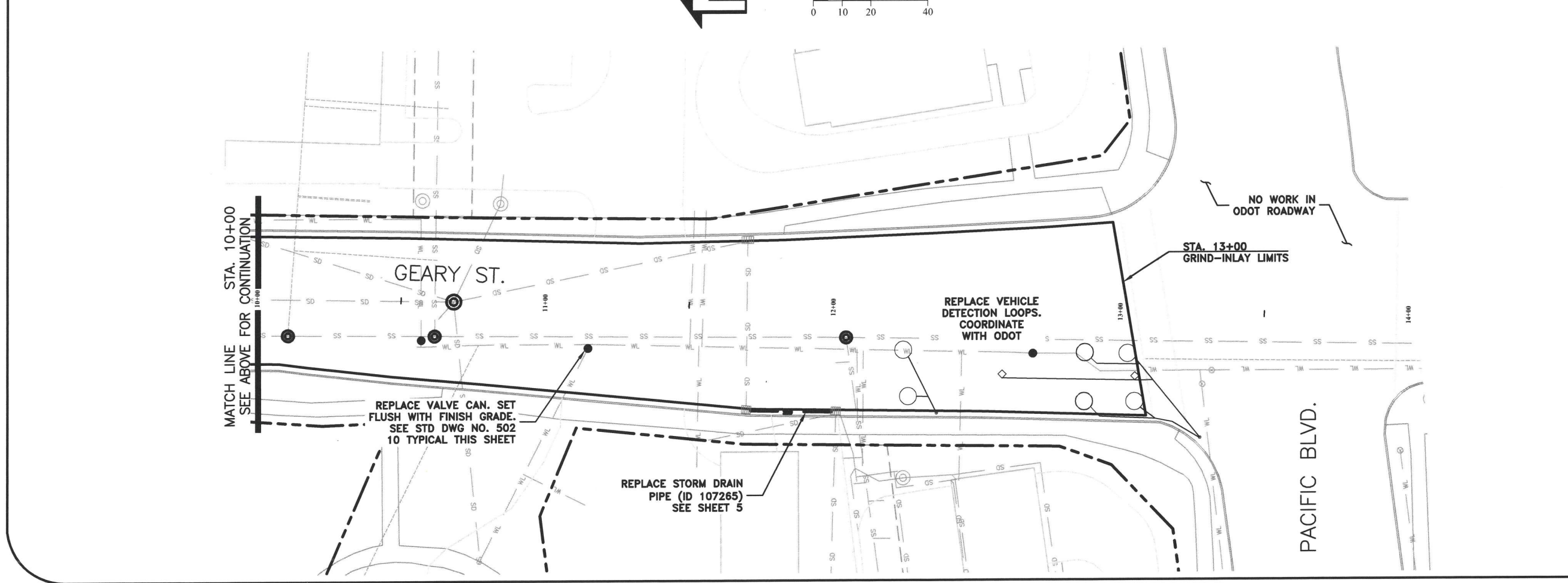
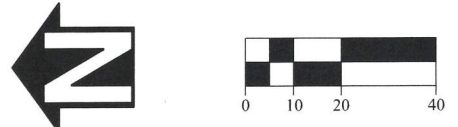
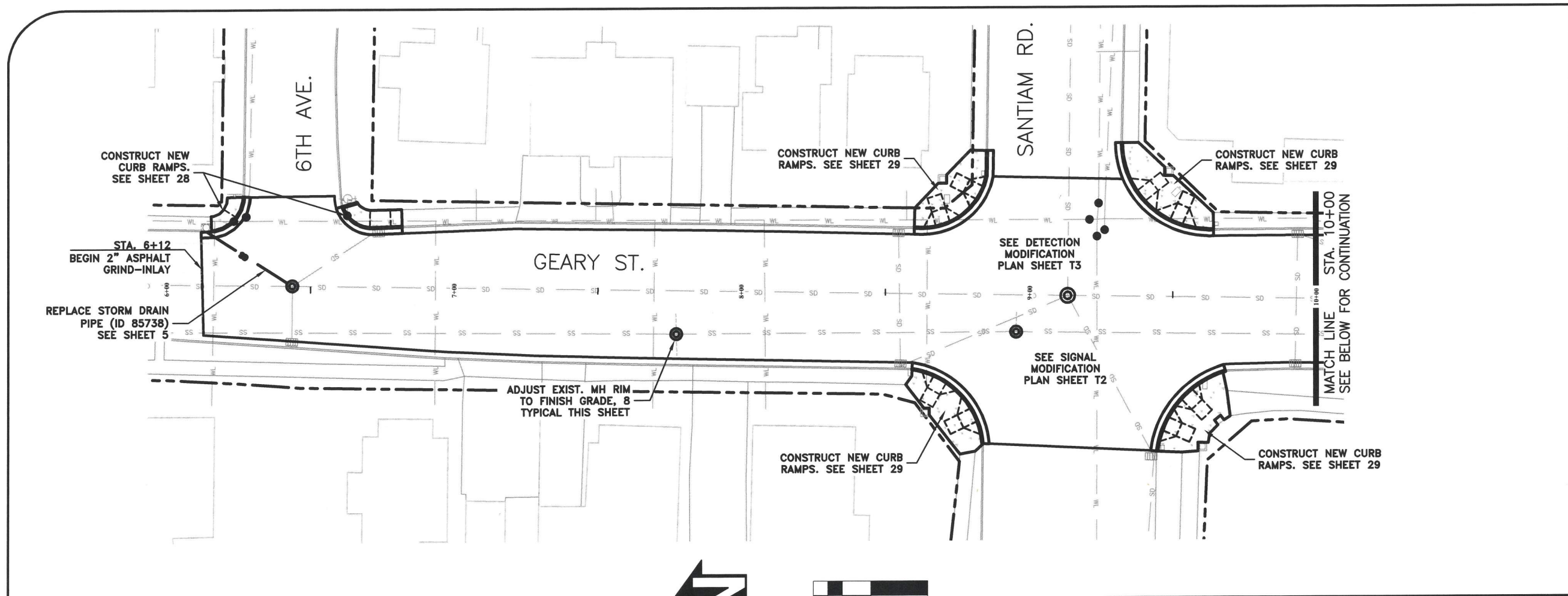
PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES

ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
STREET CONSTRUCTION, GEARY STREET STA. 3+00 TO 5+00



RENEWS: 12/31/2025  
SHEET NO. 3 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG

DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	---



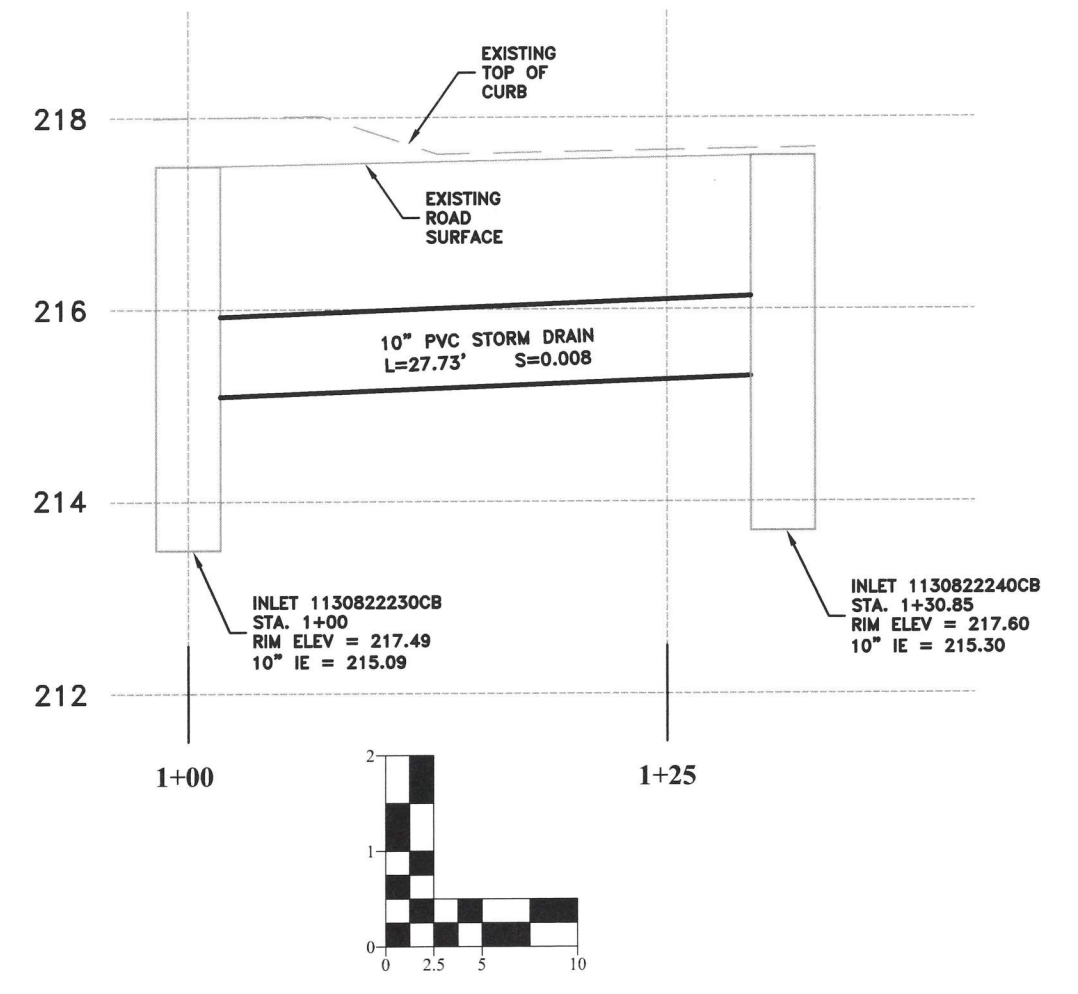
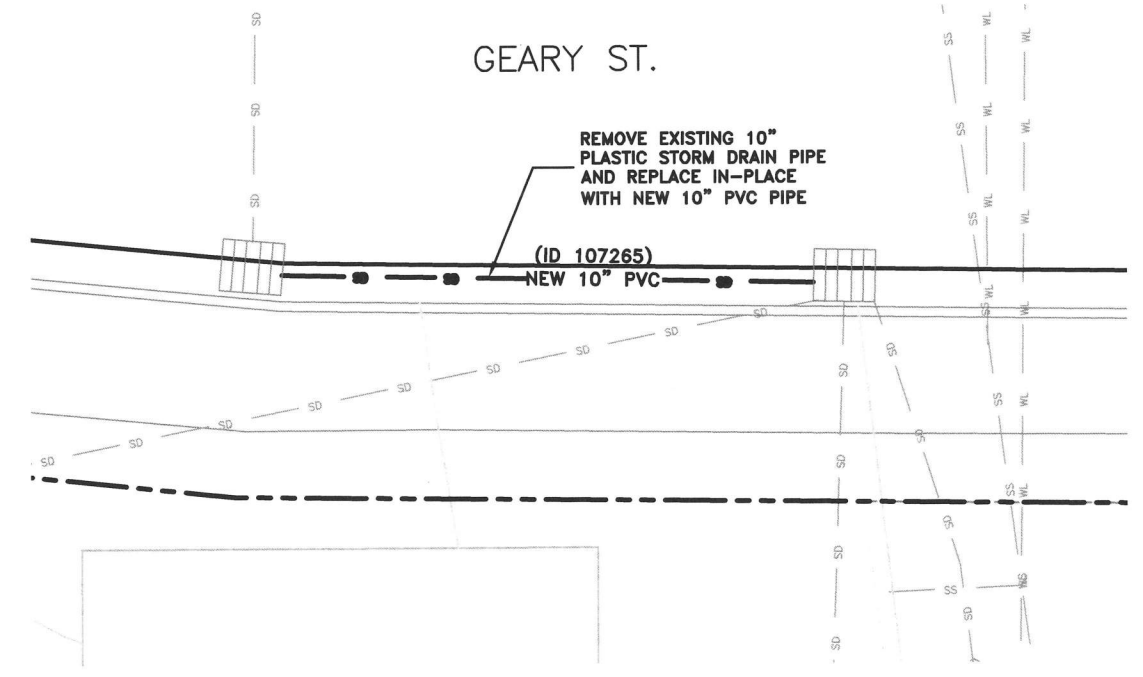
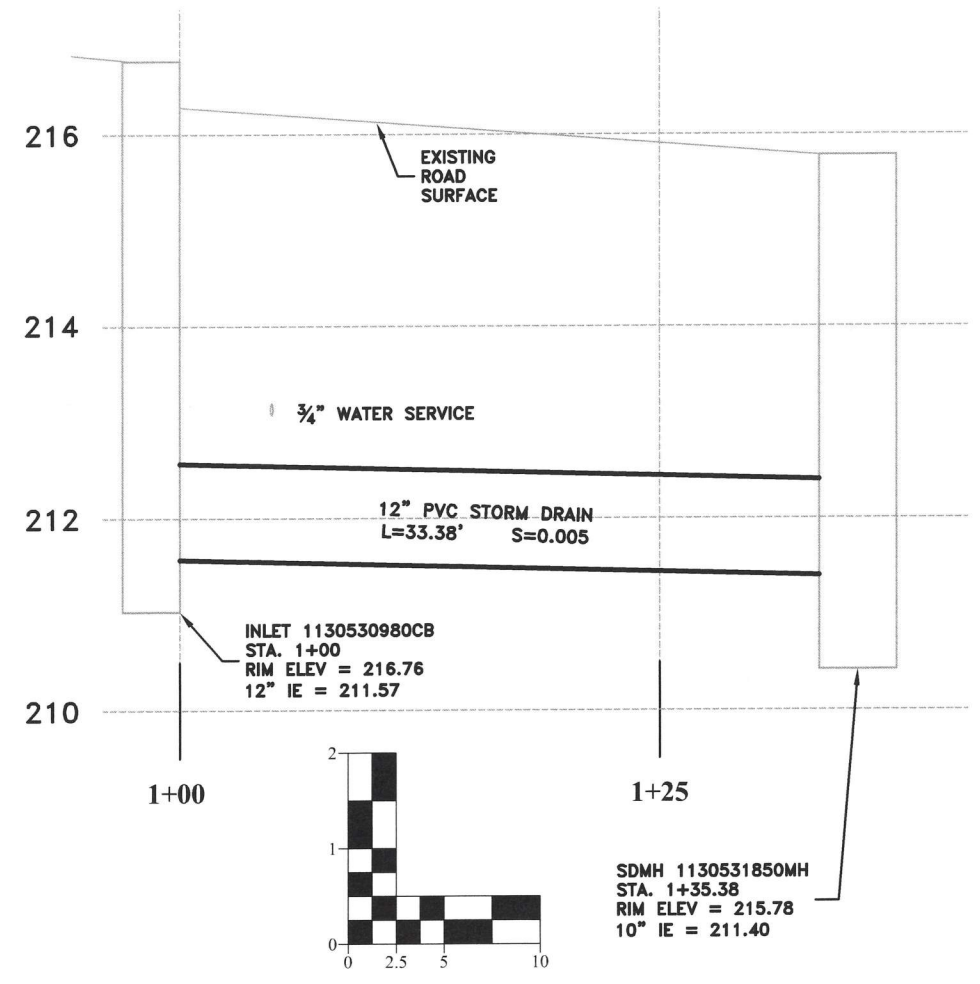
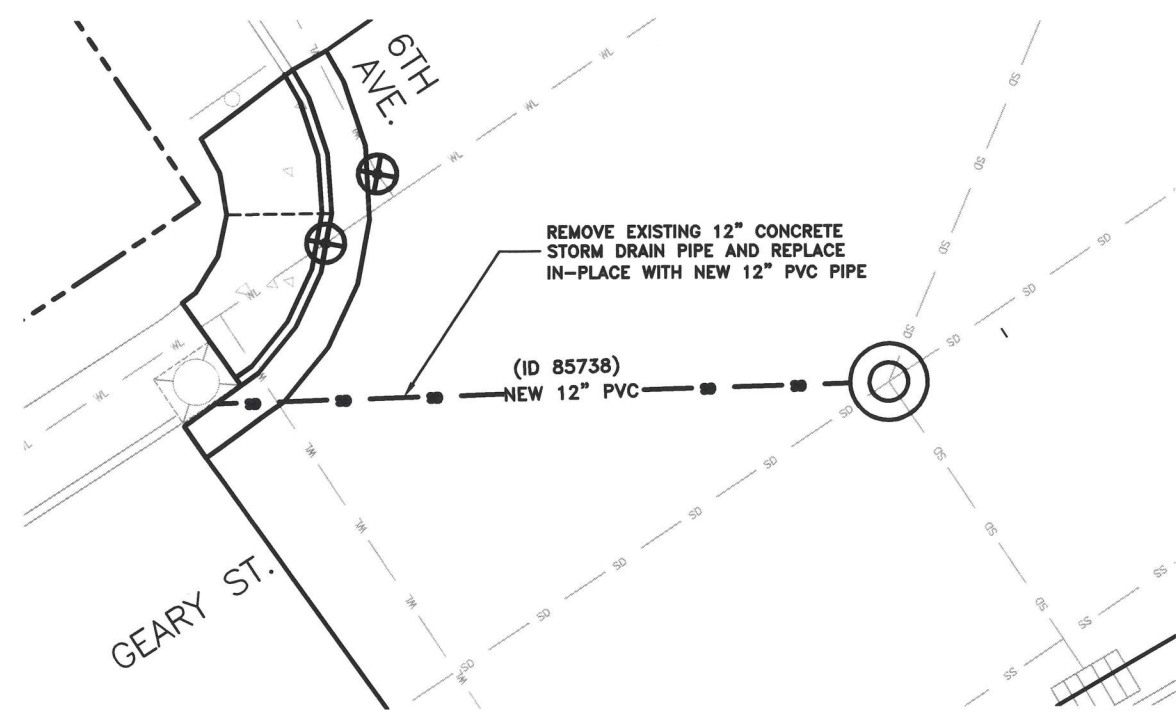
DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERLEWSKI	BY: ---
DATE: 3/14/2024	---

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**STREET & STORM CONSTRUCTION, GEARY STREET STA. 6+00 TO 13+00**



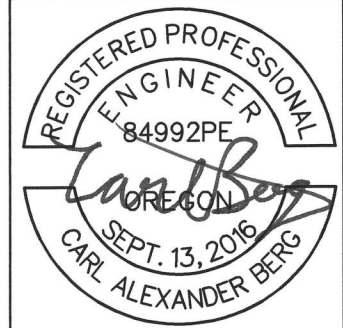
RENEWS: 12/31/2025  
SHEET NO. 4 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG



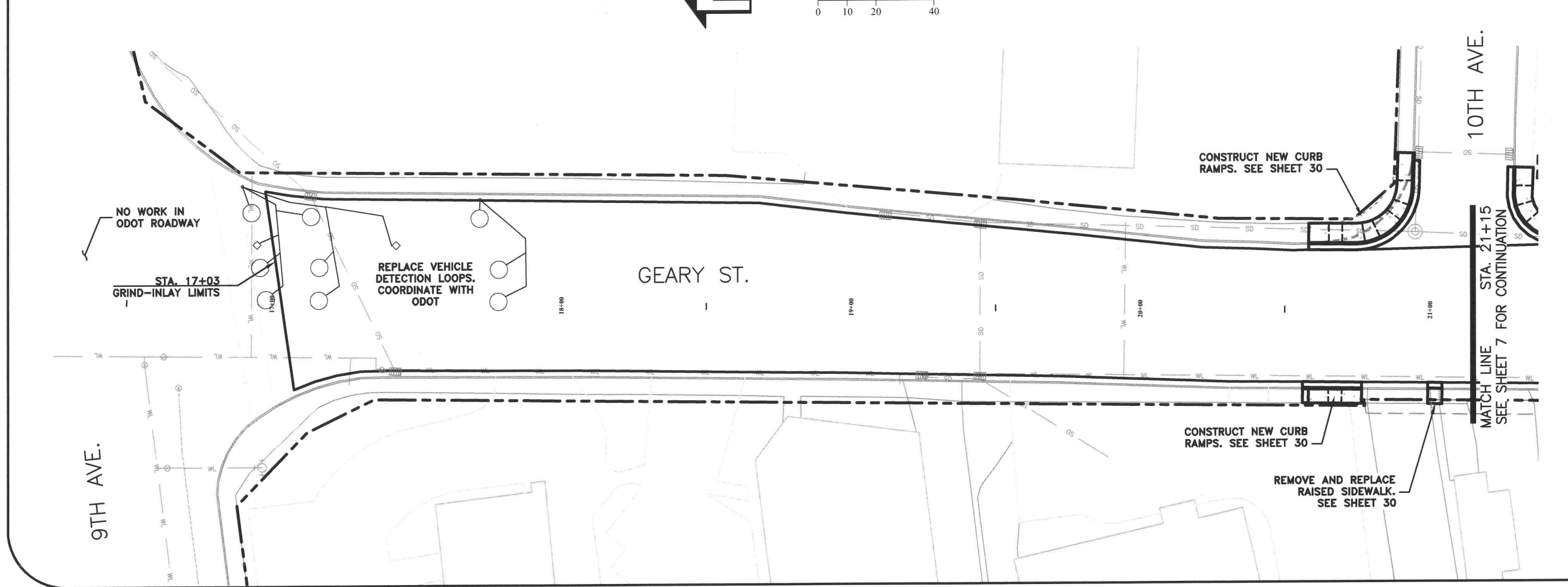
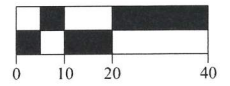
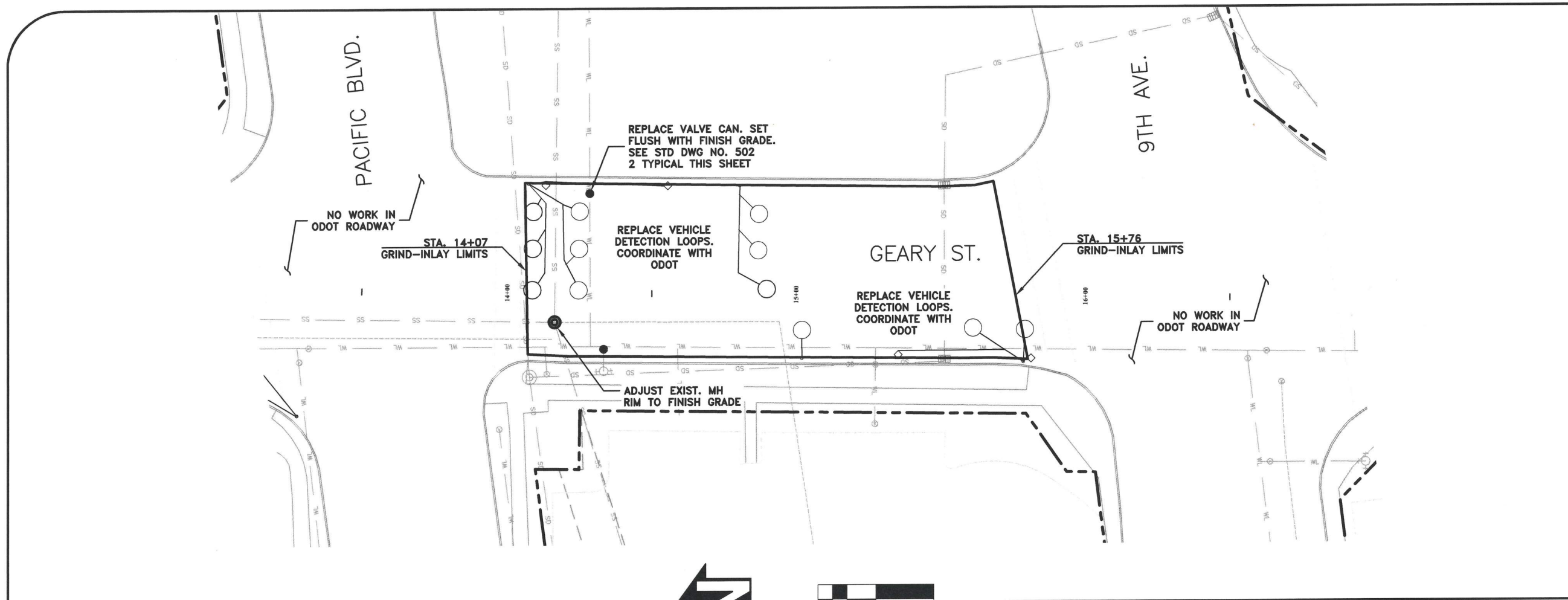
DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	---

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**STORM DRAIN PLAN & PROFILE**



RENEWES: 12/31/2025  
SHEET NO. 5 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG



DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	---

PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES

ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
STREET CONSTRUCTION, GEARY STREET STA. 14+00 TO 21+15

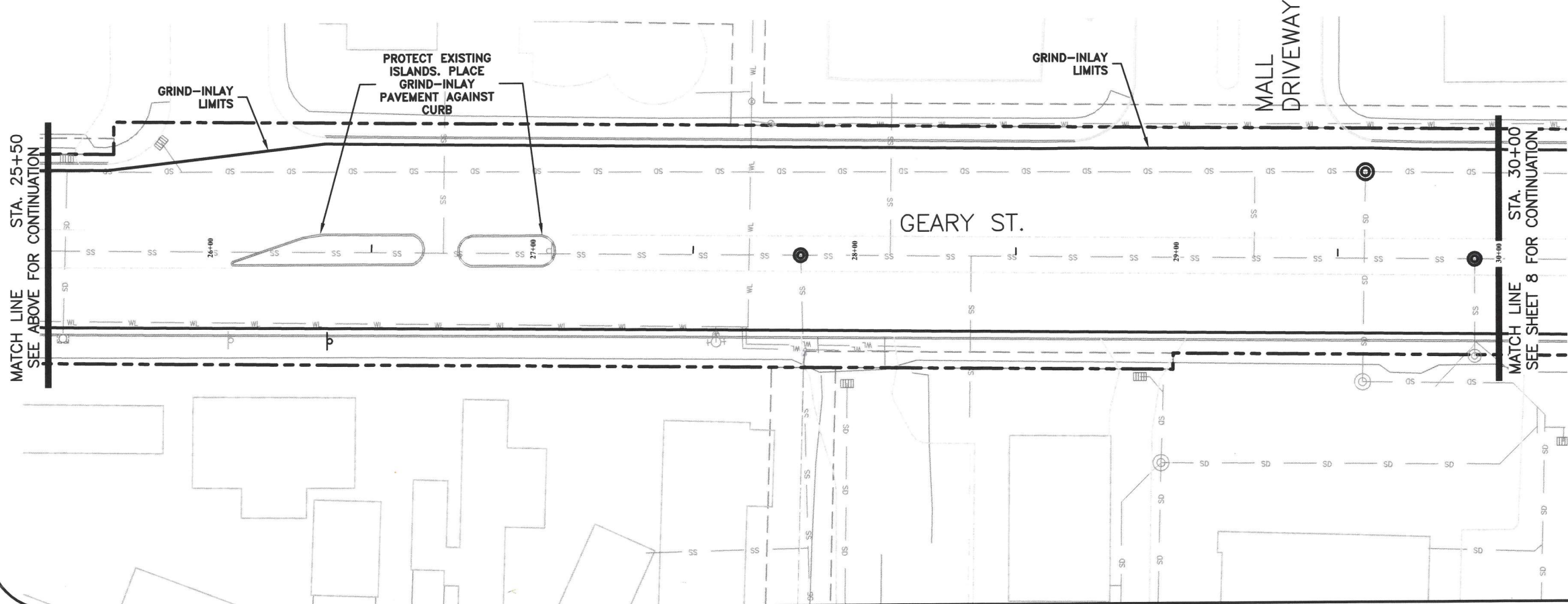
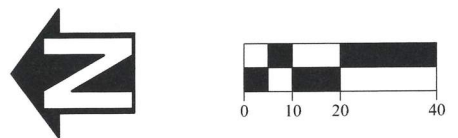
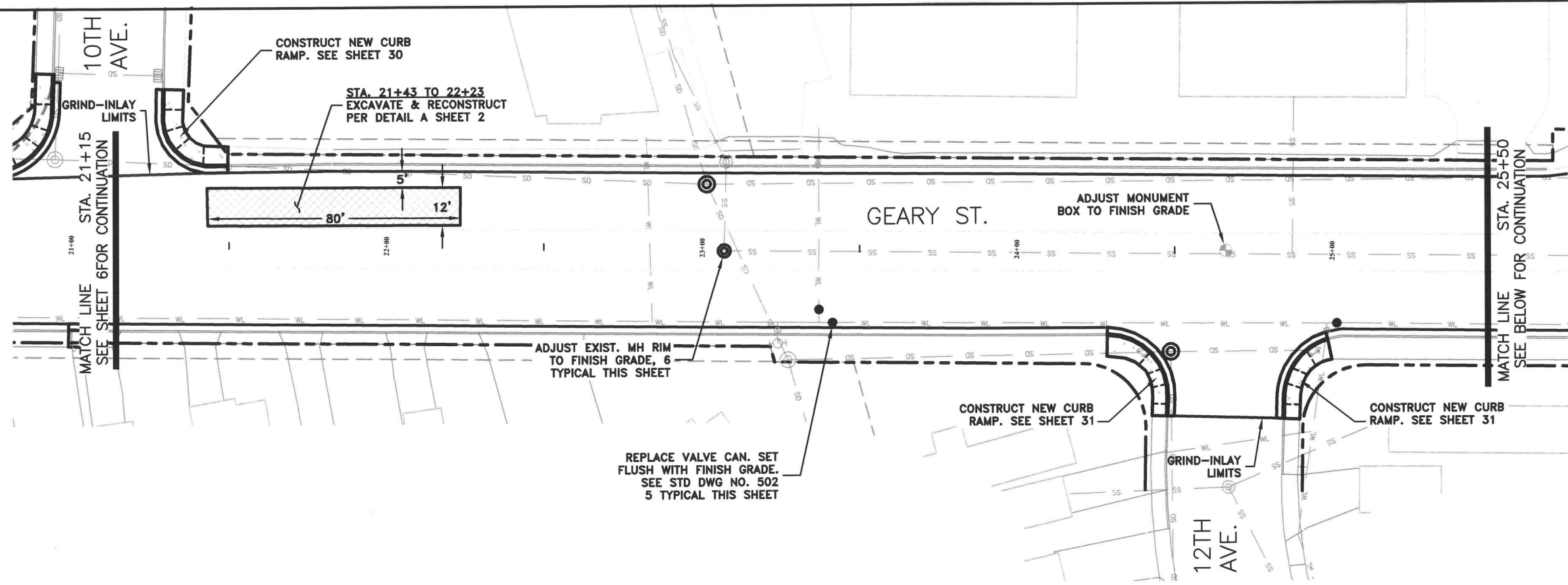


RENEWS: 12/31/2025

SHEET NO. 6 OF 37

PROJECT NO: ST-23-03

FILE: BASE.DWG



DESIGNED: C. BERG  
 DRAWN: C. BERG  
 CHECKED: C. CERKLEWSKI  
 DATE: 3/14/2024

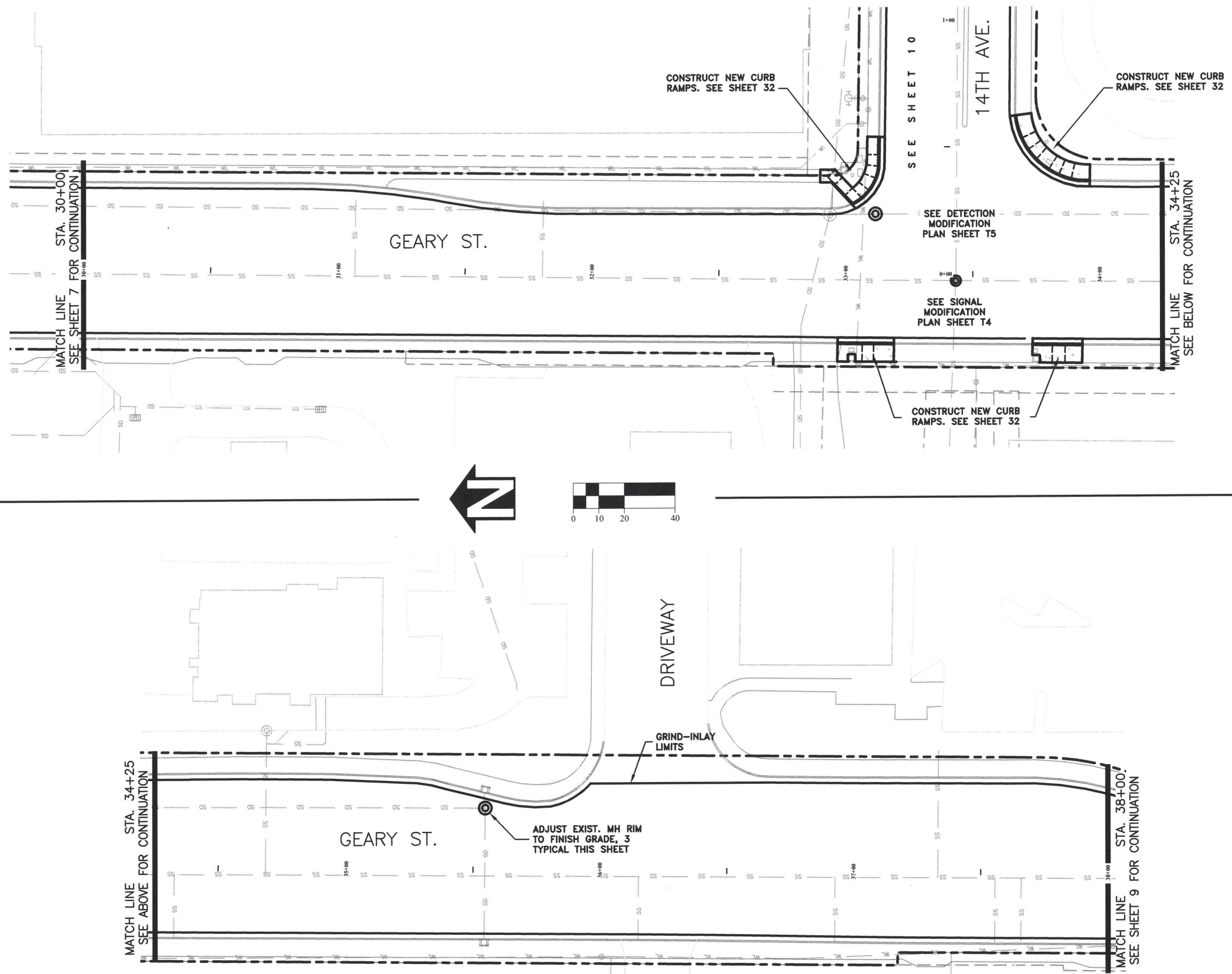
REVISIONS	NO.	BY:

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**STREET CONSTRUCTION, GEARY STREET STA. 21+15 TO 30+00**



RENEWS: 12/31/2025  
 SHEET NO. 7 OF 37  
 PROJECT NO: ST-23-03  
 FILE: BASE.DWG



DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	DATE: ---

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**STREET CONSTRUCTION, GEARY STREET STA. 30+00 TO 38+00**



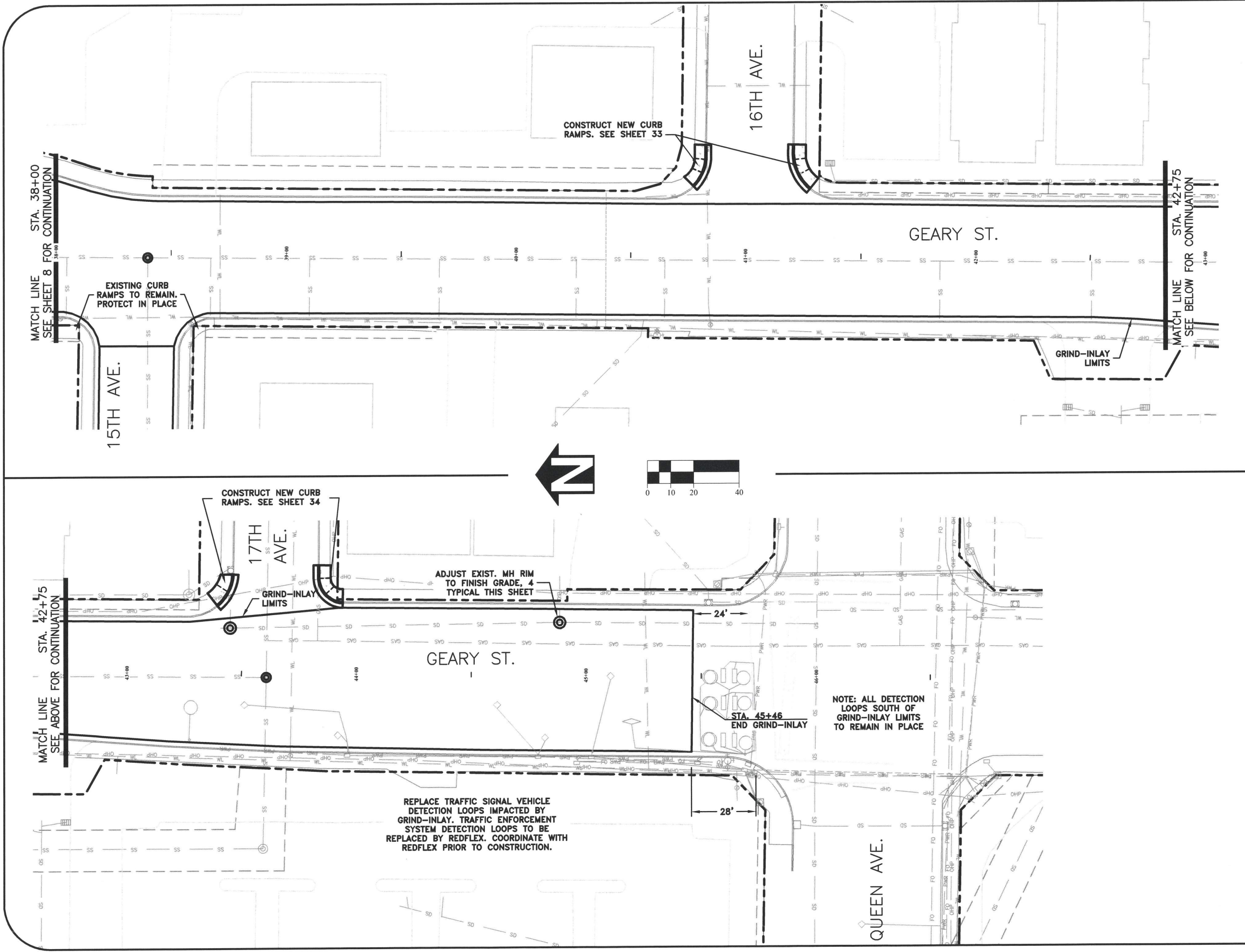
RENEWS: 12/31/2025

SHEET NO. 8 OF 37

PROJECT NO: ST-23-03

FILE: BASE.DWG

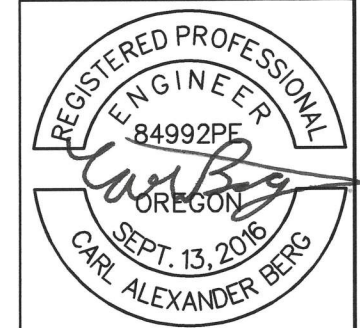




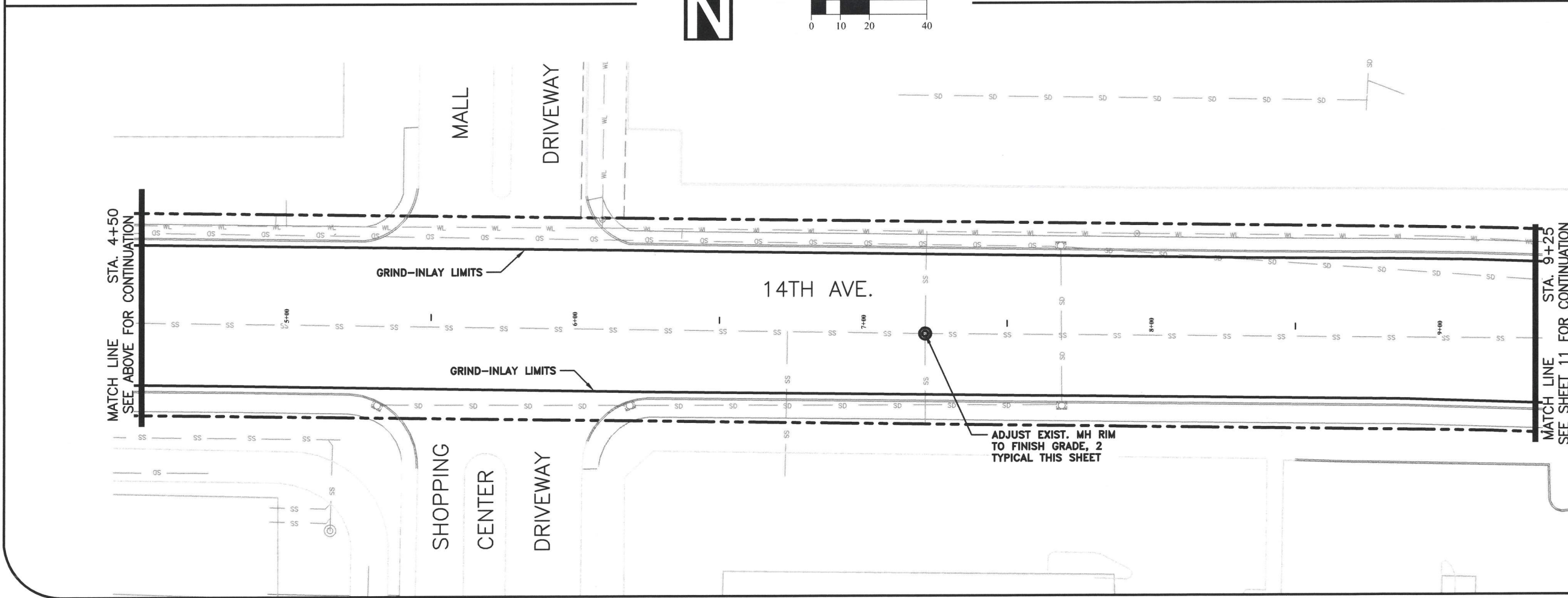
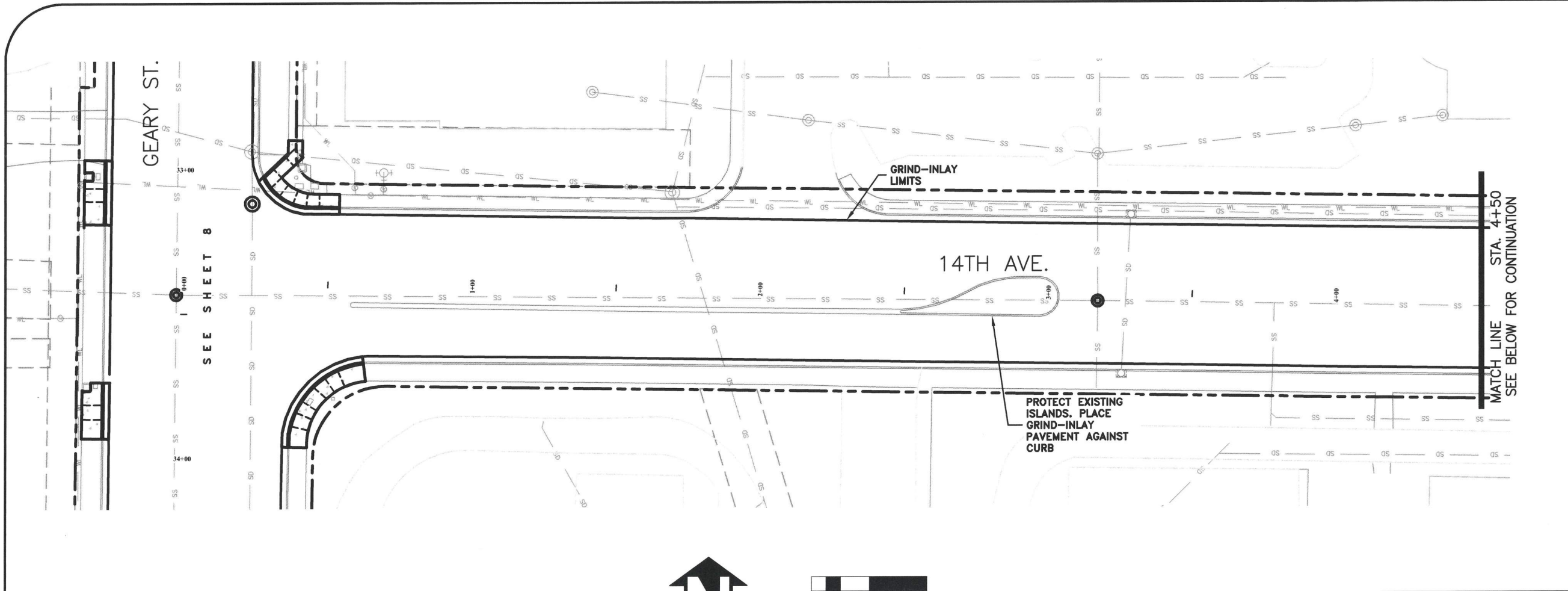
DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 3/14/2024	DATE: --

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**STREET CONSTRUCTION, GEARY STREET STA. 38+00 TO 46+00**



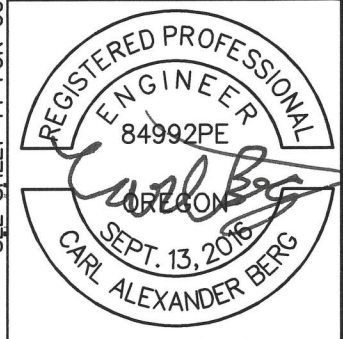
RENEWS: 12/31/2025  
SHEET NO. 9 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG



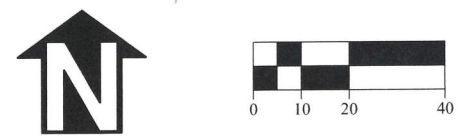
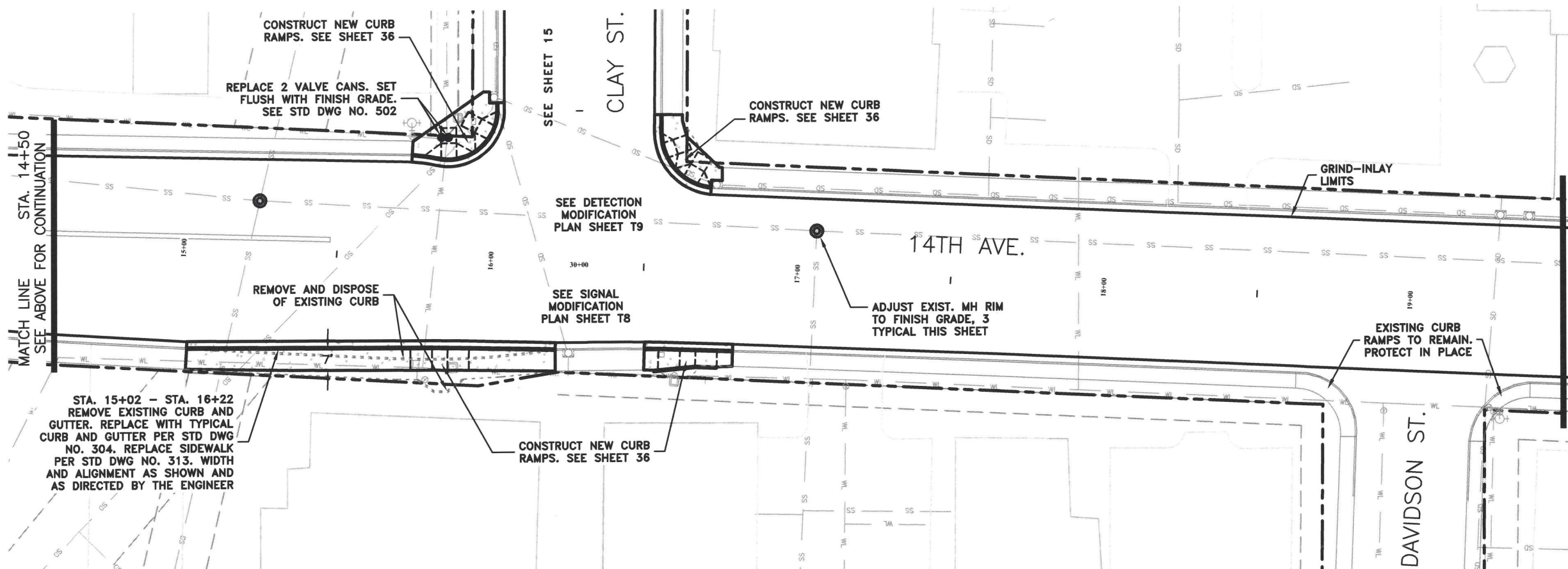
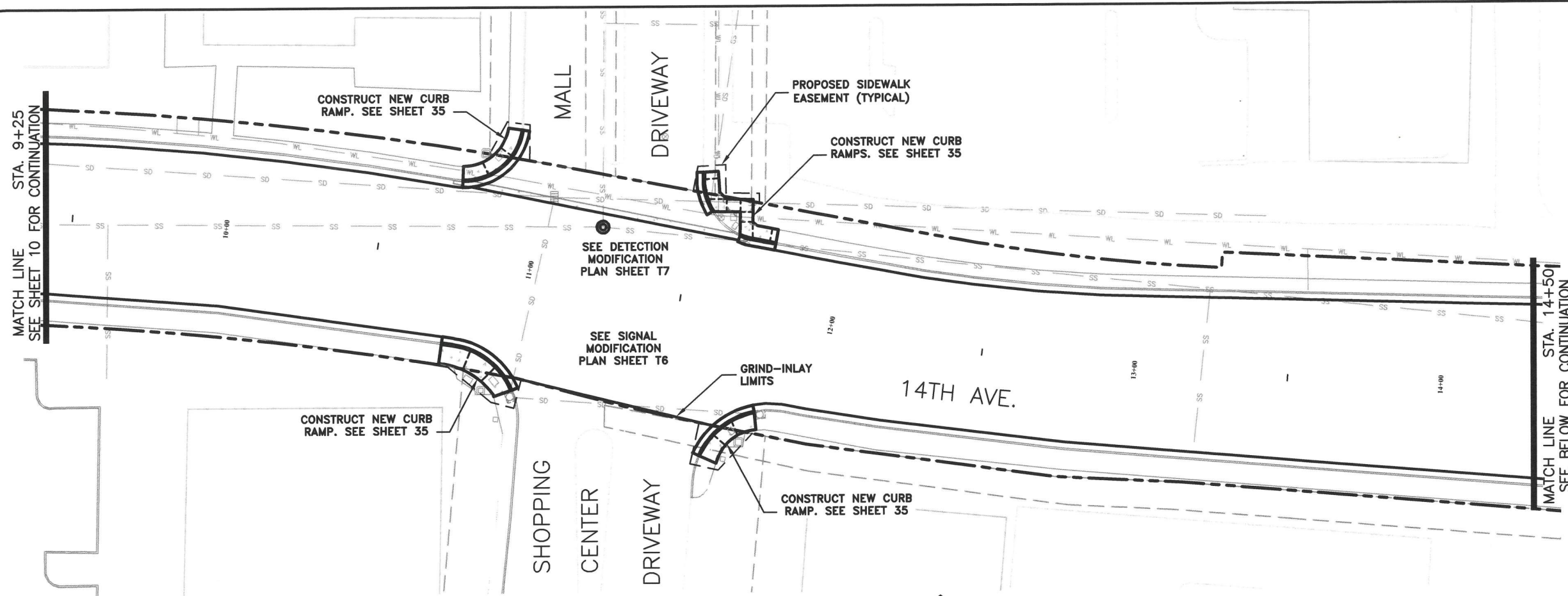
DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	---

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**STREET CONSTRUCTION, 14TH AVENUE STA. 0+00 TO 9+25**



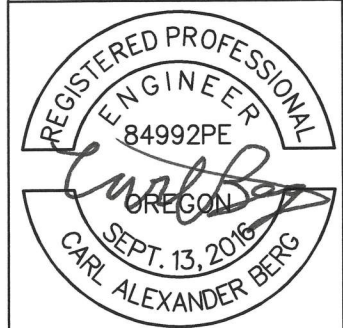
RENEWS: 12/31/2025  
SHEET NO. 10 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG



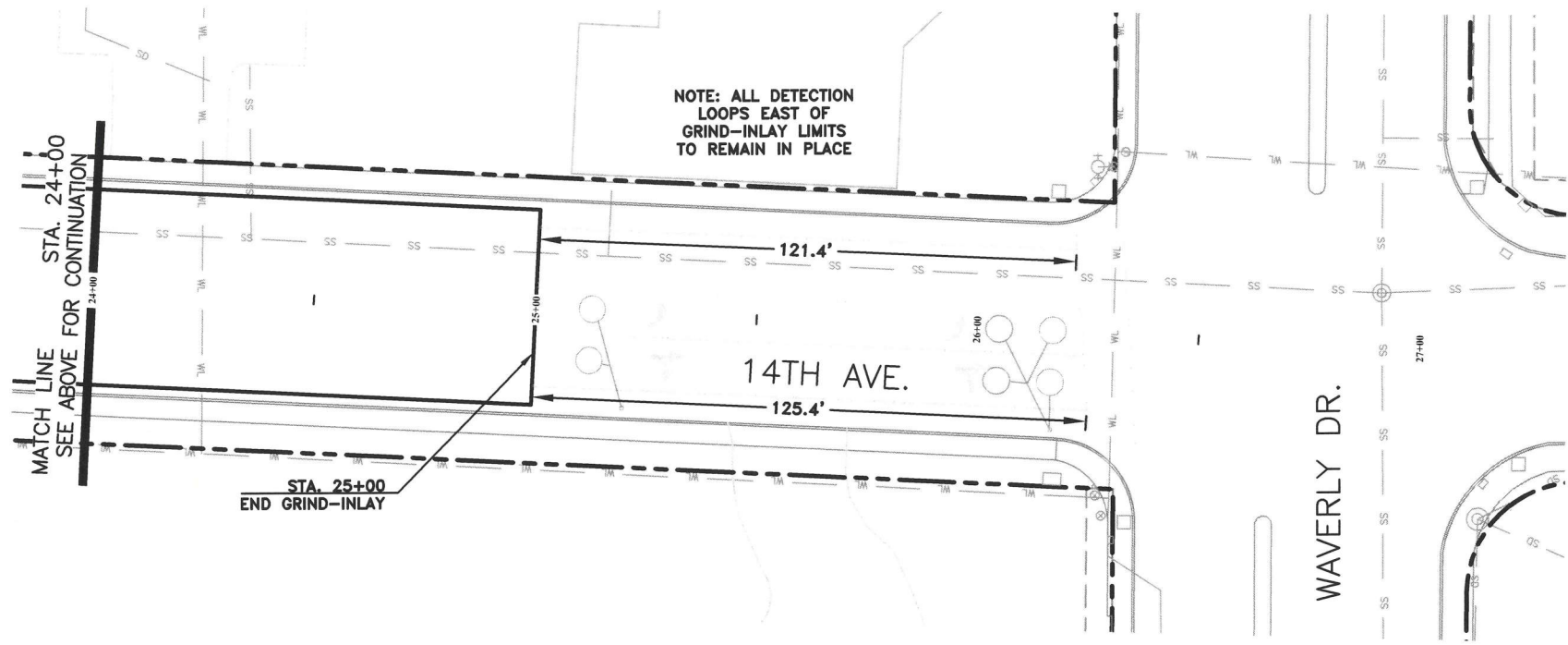
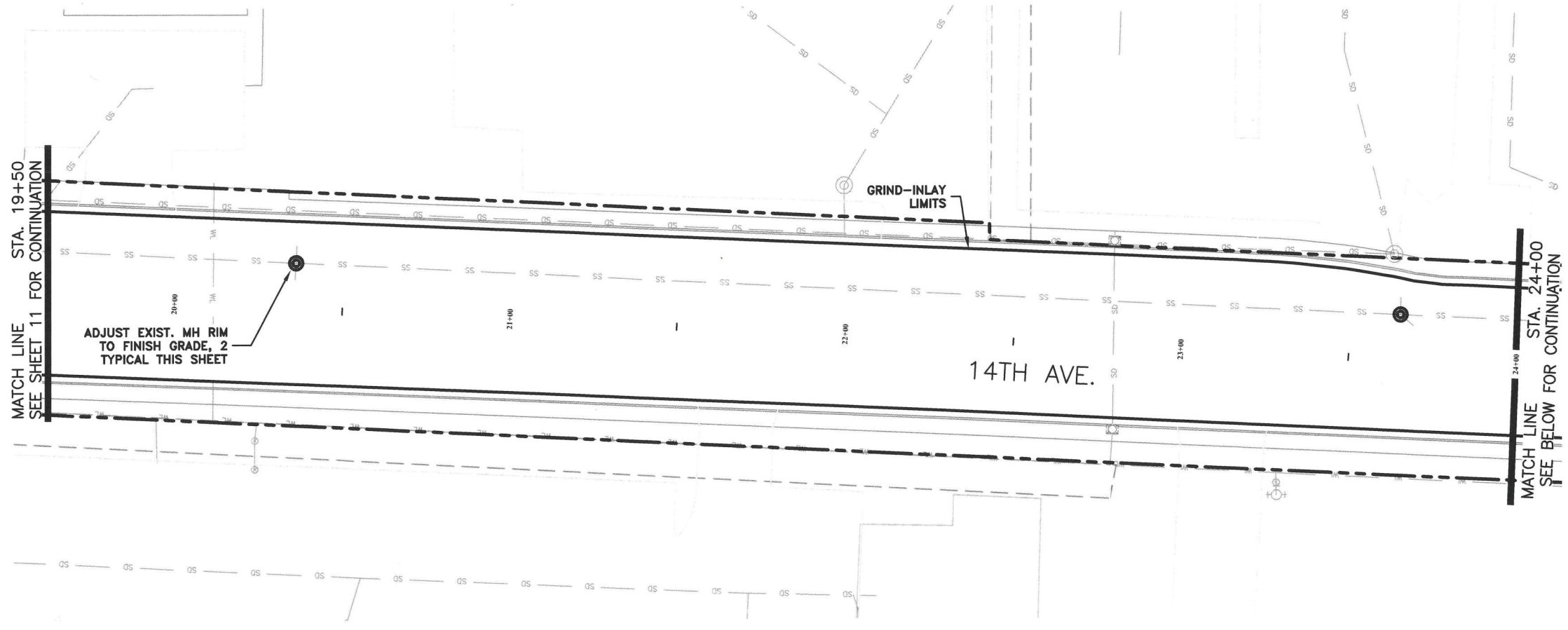
DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	DATE: ---

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**STREET CONSTRUCTION, 14TH AVENUE STA. 9+25 TO 19+50**

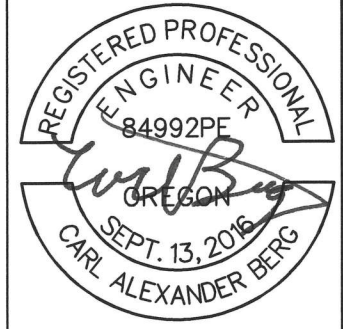


RENEWS: 12/31/2025  
SHEET NO. 11 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG



**PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES**

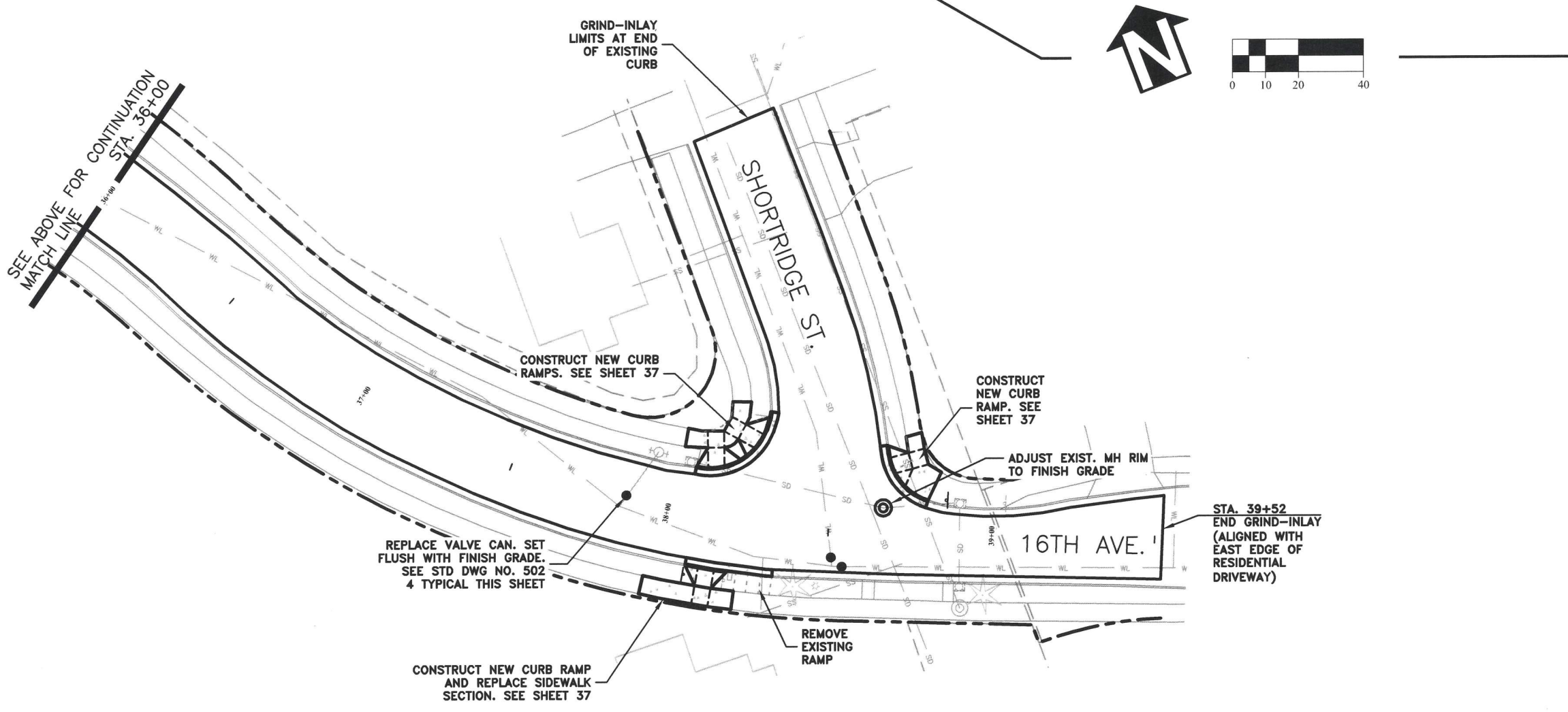
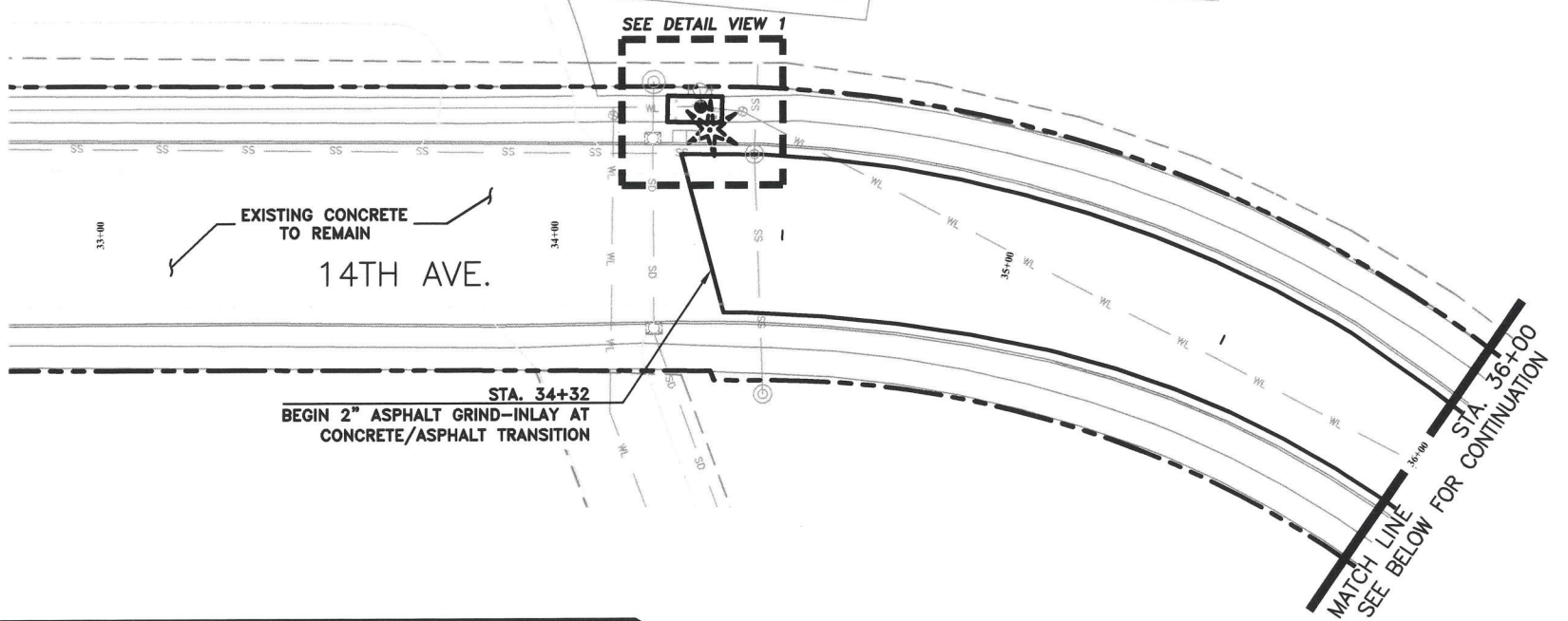
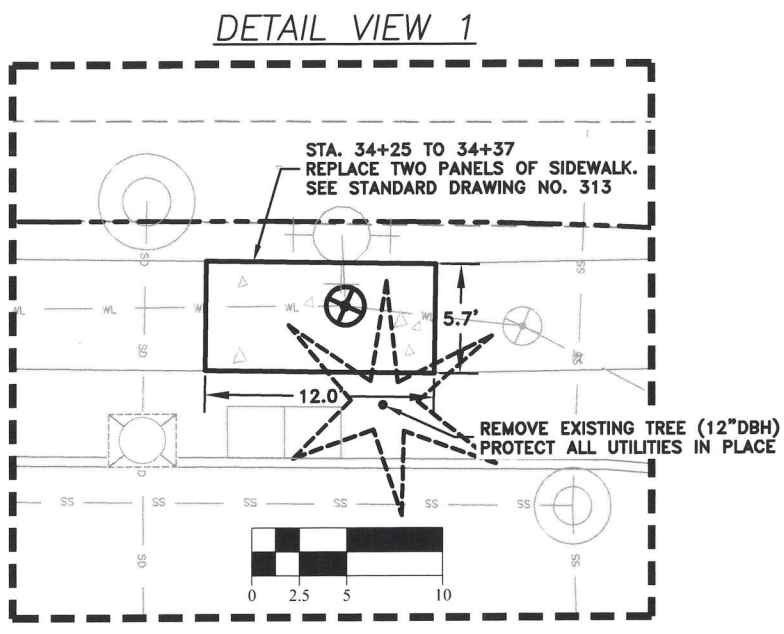
**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
STREET CONSTRUCTION, 14TH AVENUE STA. 19+50 TO 25+00**



RENEWS: 12/31/2025  
SHEET NO. 12 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG

DESIGNED: C. BERG  
DRAWN: C. BERG  
CHECKED: C. CERKLEWSKI  
DATE: 3/14/2024

REVISIONS	
NO.	BY:
---	---
---	---
---	---



DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	DATE: ---

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
STREET CONSTRUCTION, 14TH AVENUE STA. 34+00 TO 39+52

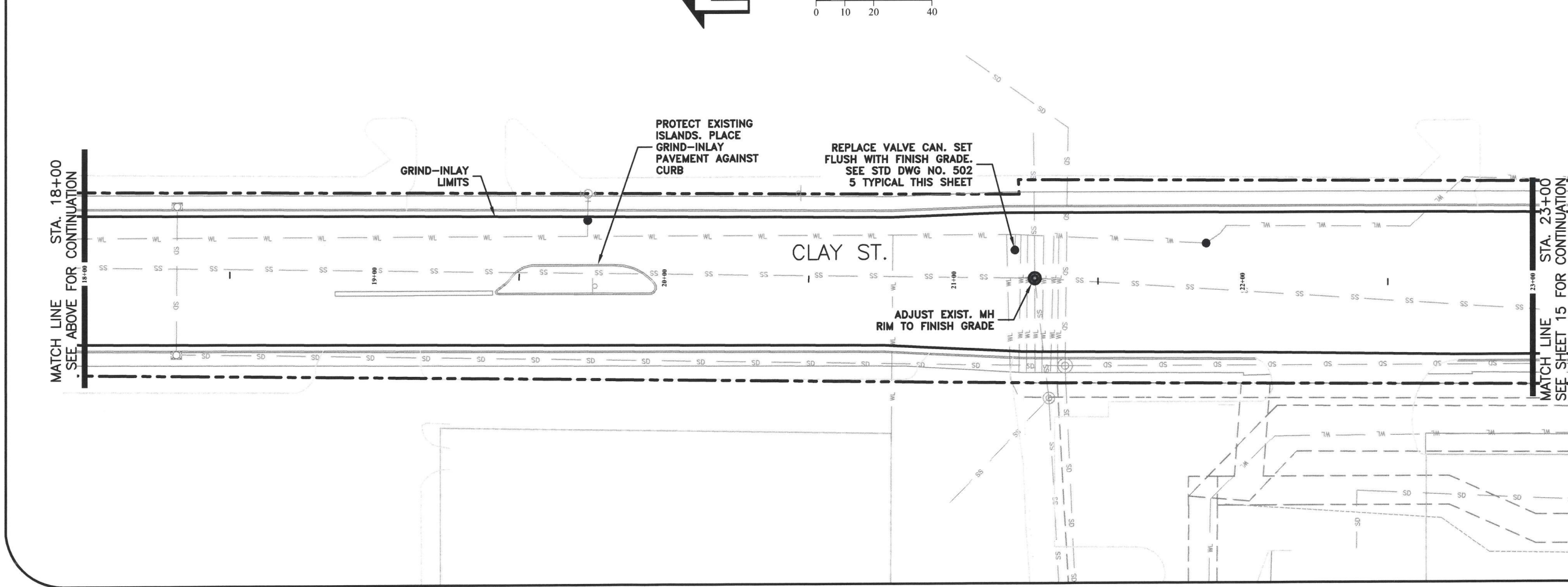
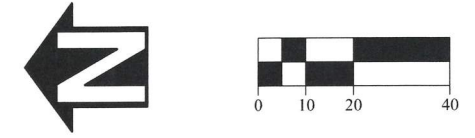
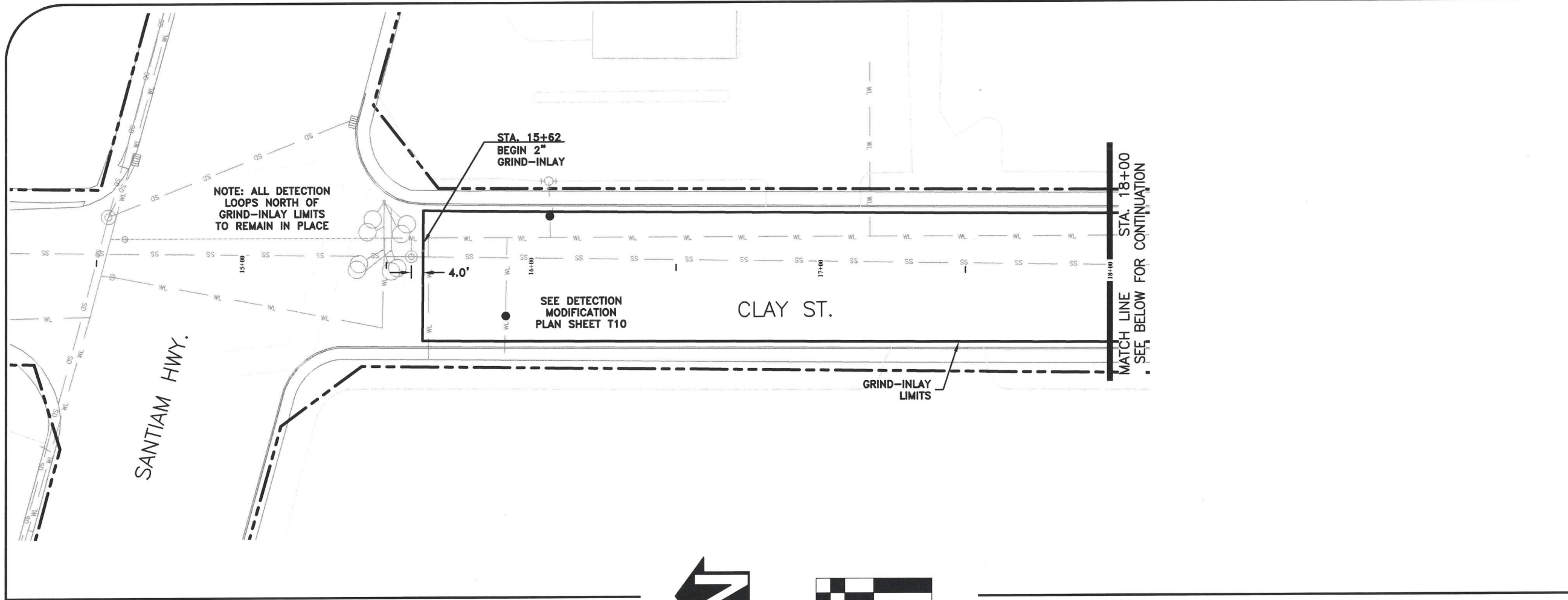


RENEWS: 12/31/2025

SHEET NO. 13 OF 37


PROJECT NO: ST-23-03

FILE: BASE.DWG




DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	---

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**



**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**STREET CONSTRUCTION, CLAY STREET STA. 15+00 TO 23+00**

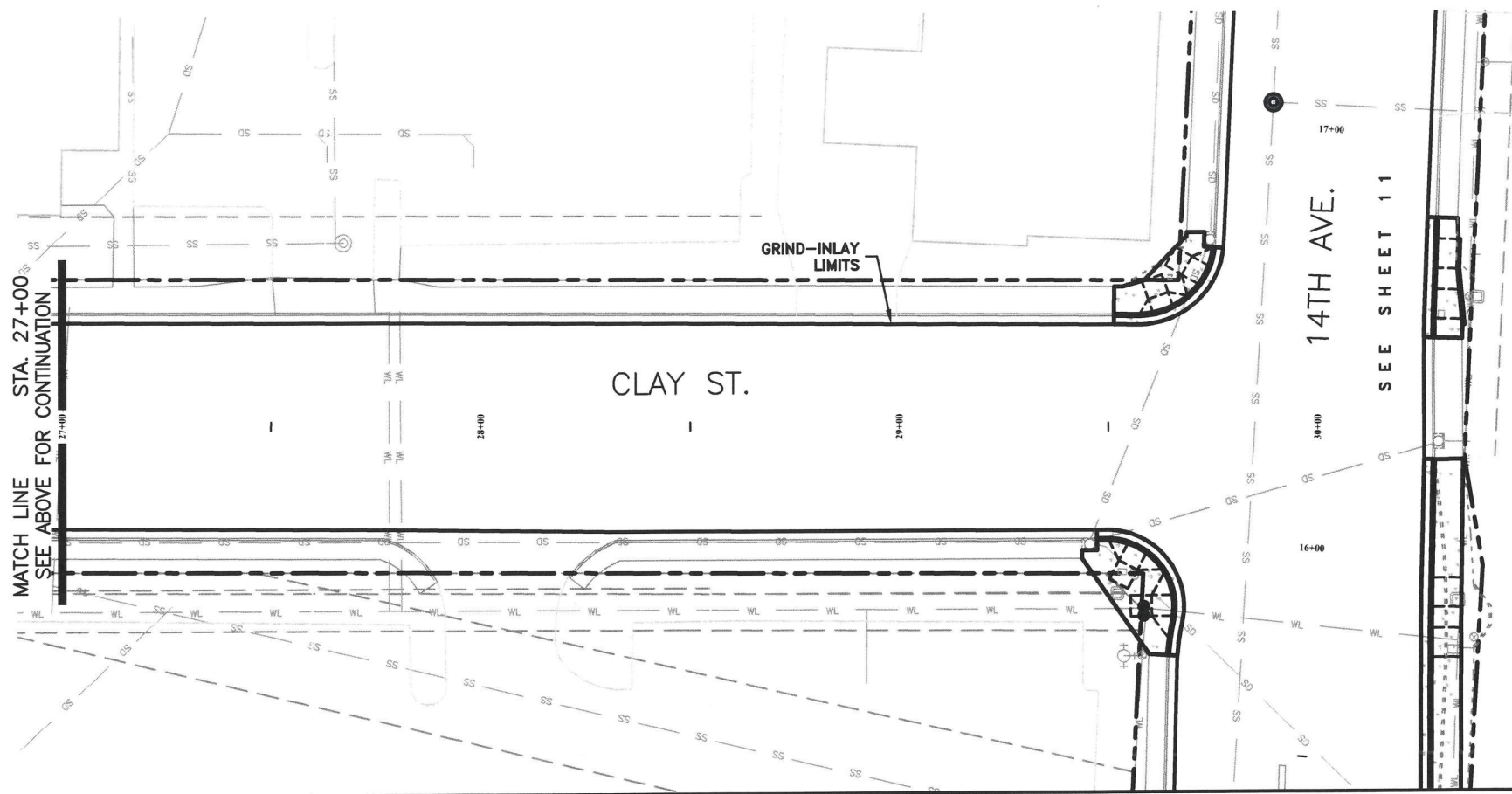
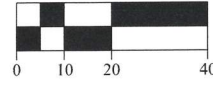
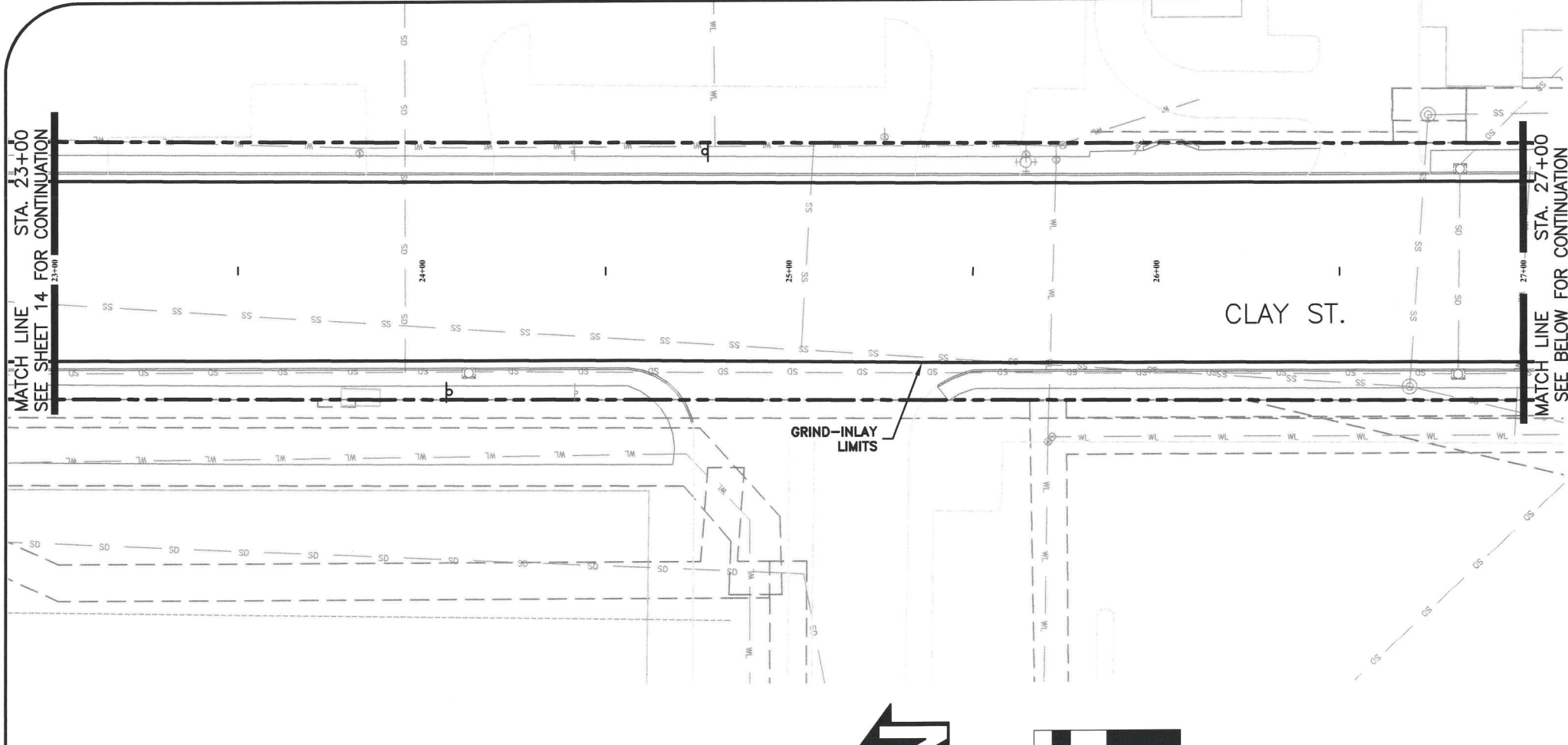


RENEW: 12/31/2025

SHEET NO. 14 OF 37

PROJECT NO: ST-23-03

FILE: BASE.DWG



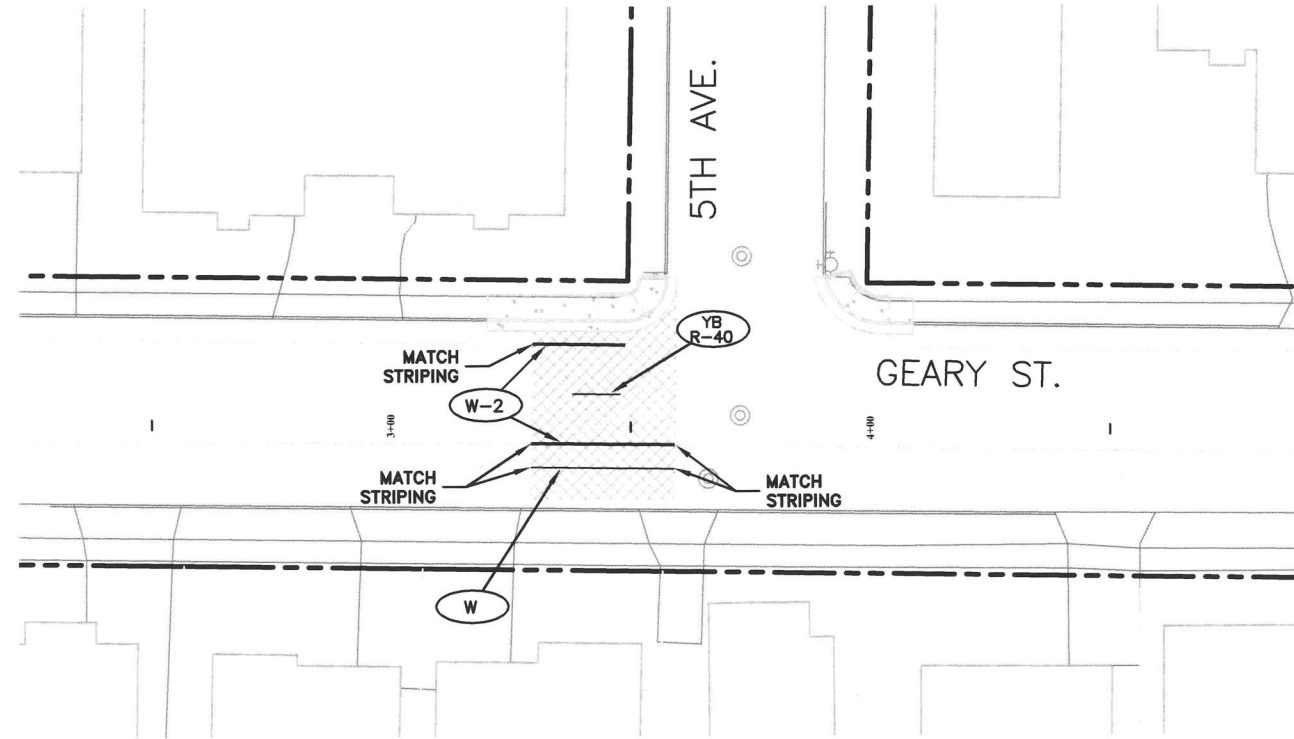
**PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
STREET CONSTRUCTION, CLAY STREET STA. 23+00 TO 30+00**



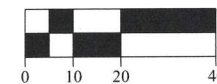
RENEWS: 12/31/2025  
SHEET NO. 15 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG

DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO:
CHECKED: C. CERKLEWSKI	BY:
DATE: 3/14/2024	DATE:



**NOTES:**

1. SEE ODOT STANDARD DRAWINGS TM 500 THRU TM 577 FOR STRIPING LEGEND AND DETAILS.
2. SEE STANDARD DRAWING NO. 208 FOR STANDARD SIGN INSTALLATION DETAILS.



DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	---
	---
	---
	---
	---

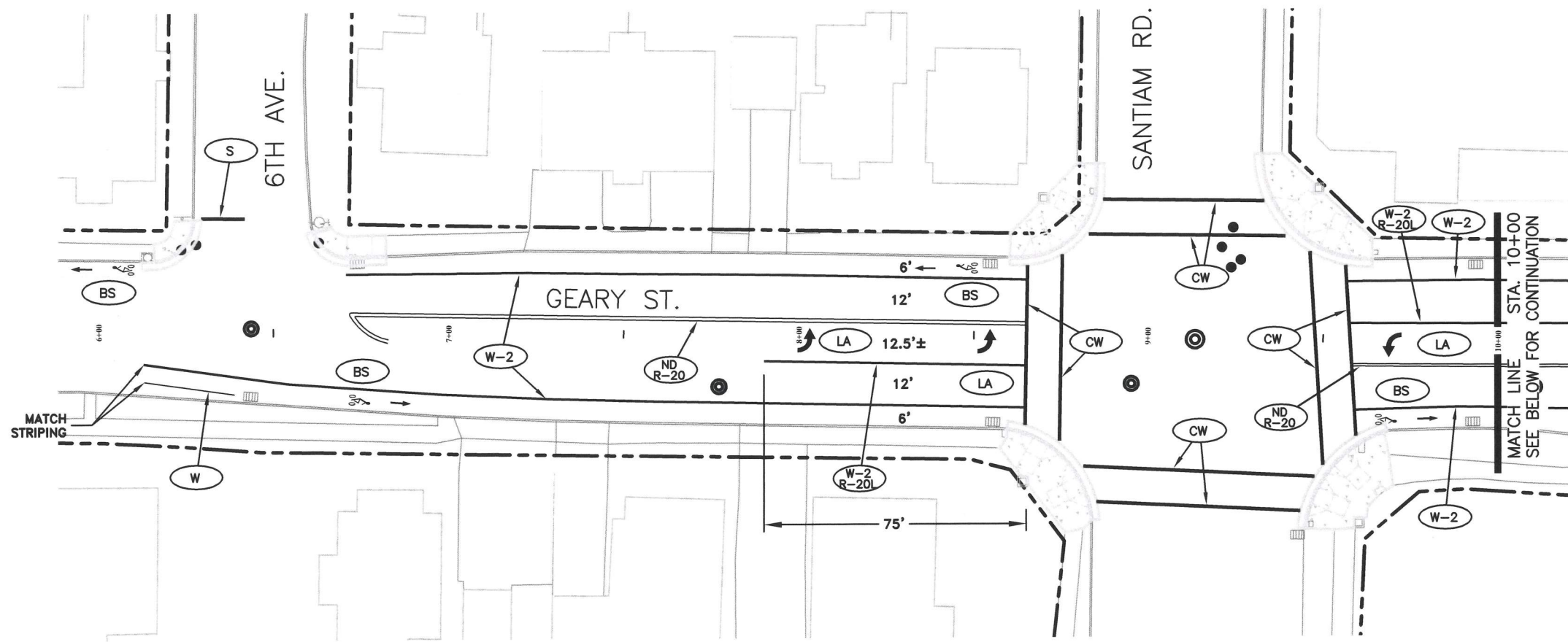
**PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
STRIPING PLAN - GEARY STREET STA. 3+00 TO 4+50**

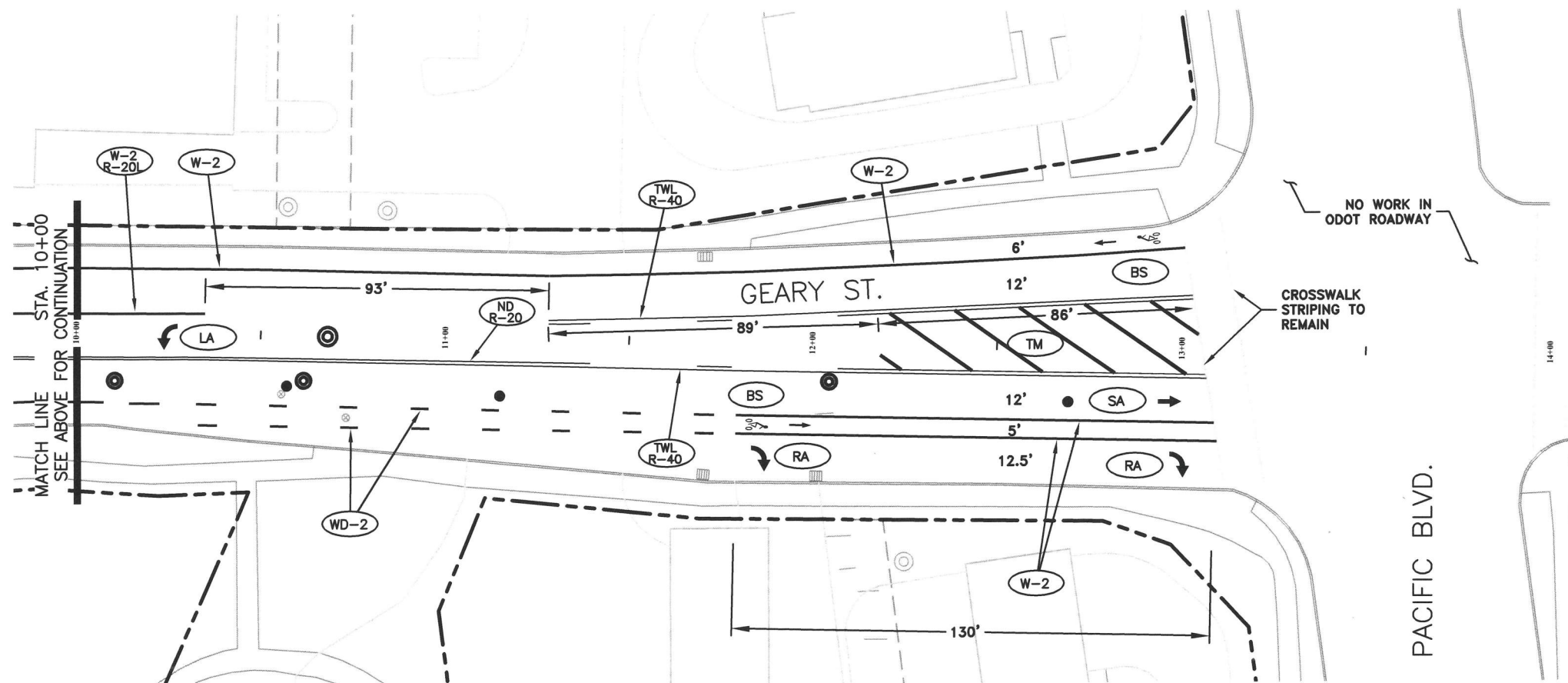
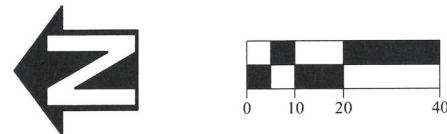


RENEWS: 12/31/2025  
 SHEET NO. 16 OF 37  
 PROJECT NO: ST-23-03  
 FILE: BASE.DWG





- NOTES:**
1. SEE ODOT STANDARD DRAWINGS TM 500 THRU TM 577 FOR STRIPING LEGEND AND DETAILS.
  2. SEE STANDARD DRAWING NO. 208 FOR STANDARD SIGN INSTALLATION DETAILS.



DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	---

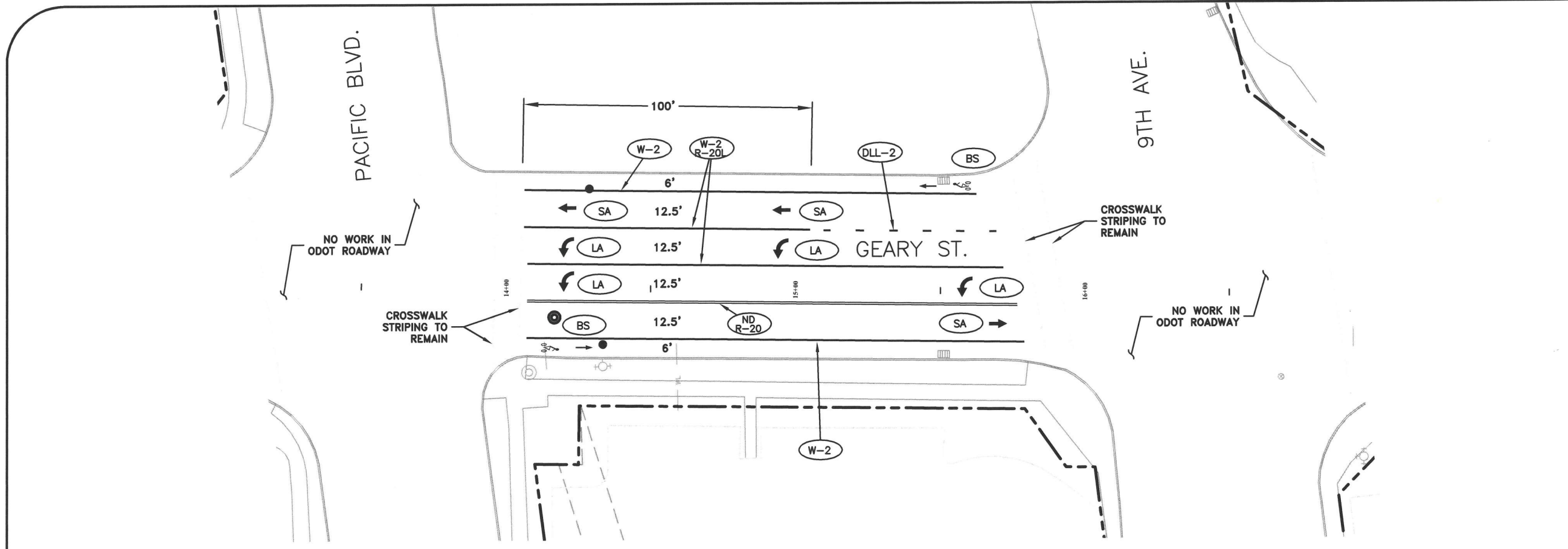
**PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES**



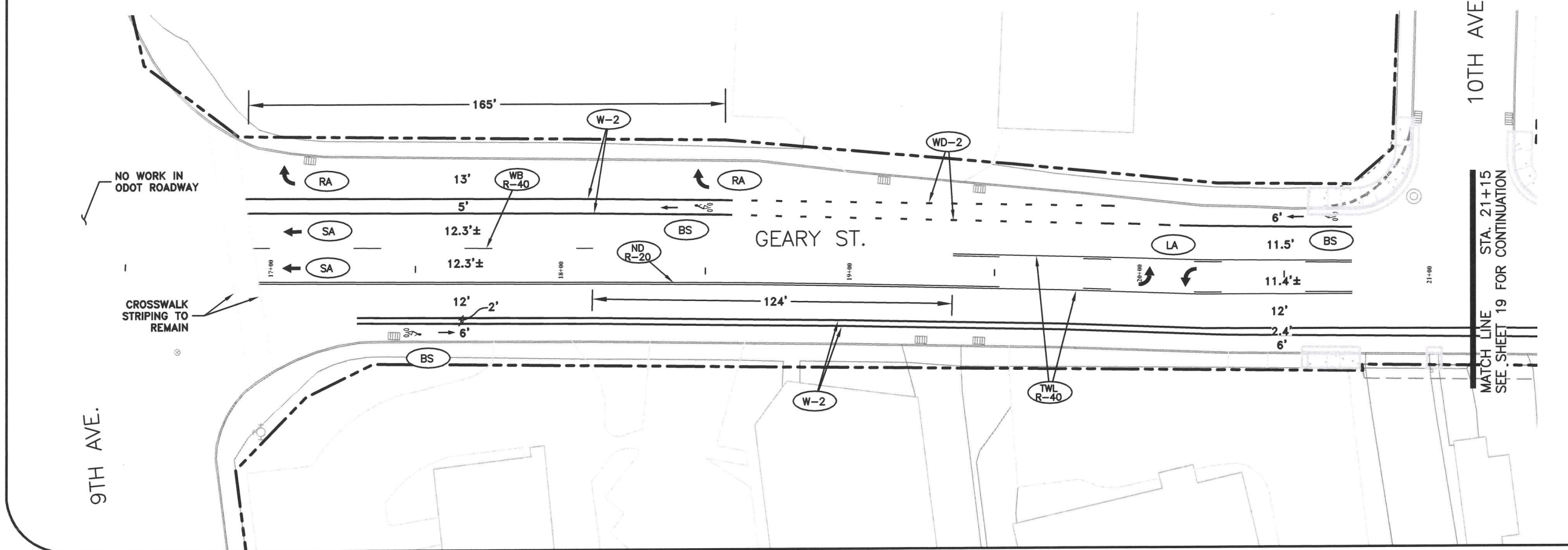
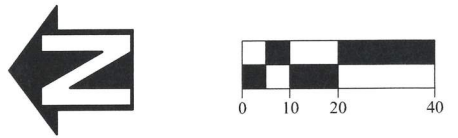
**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
STRIPING PLAN - GEARY STREET STA. 6+00 TO 13+00**



RENEWS: 12/31/2025  
SHEET NO. 17 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG



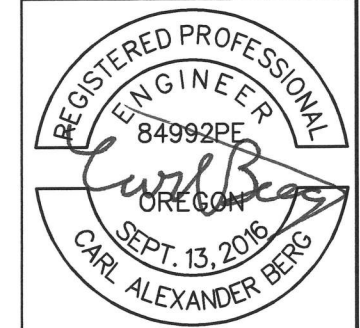
- NOTES:**
- SEE ODOT STANDARD DRAWINGS TM 500 THRU TM 577 FOR STRIPING LEGEND AND DETAILS.
  - SEE STANDARD DRAWING NO. 208 FOR STANDARD SIGN INSTALLATION DETAILS.



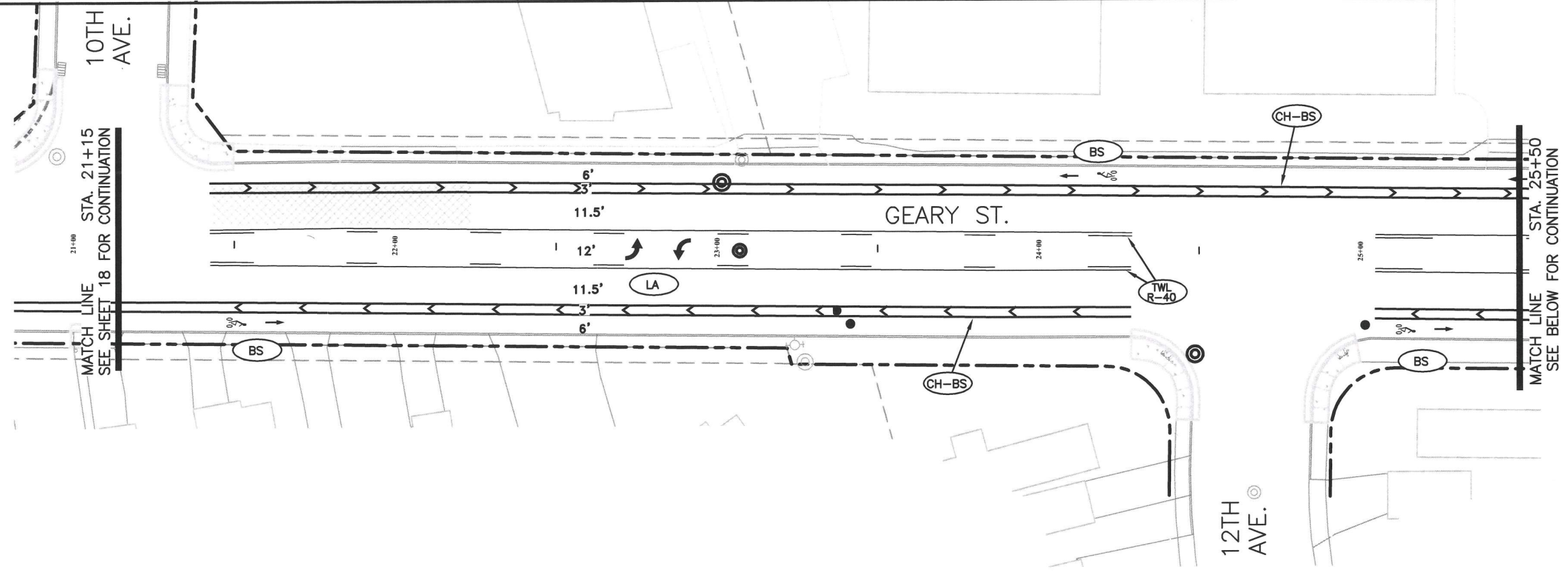
DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	DATE: ---

PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES

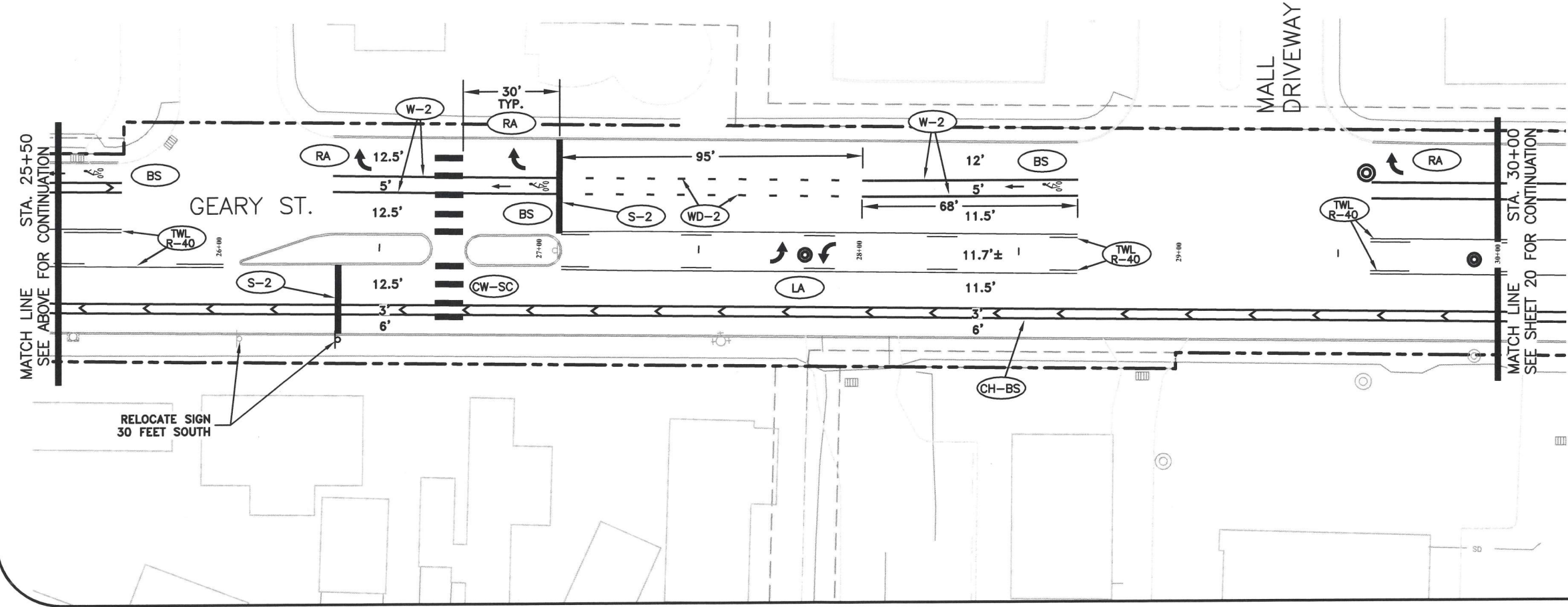
ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
STRIPING PLAN - GEARY STREET STA. 14+00 TO 21+15



RENEWS: 12/31/2025  
SHEET NO. 18 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG



- NOTES:**
1. SEE ODOT STANDARD DRAWINGS TM 500 THRU TM 577 FOR STRIPING LEGEND AND DETAILS.
  2. SEE STANDARD DRAWING NO. 208 FOR STANDARD SIGN INSTALLATION DETAILS.



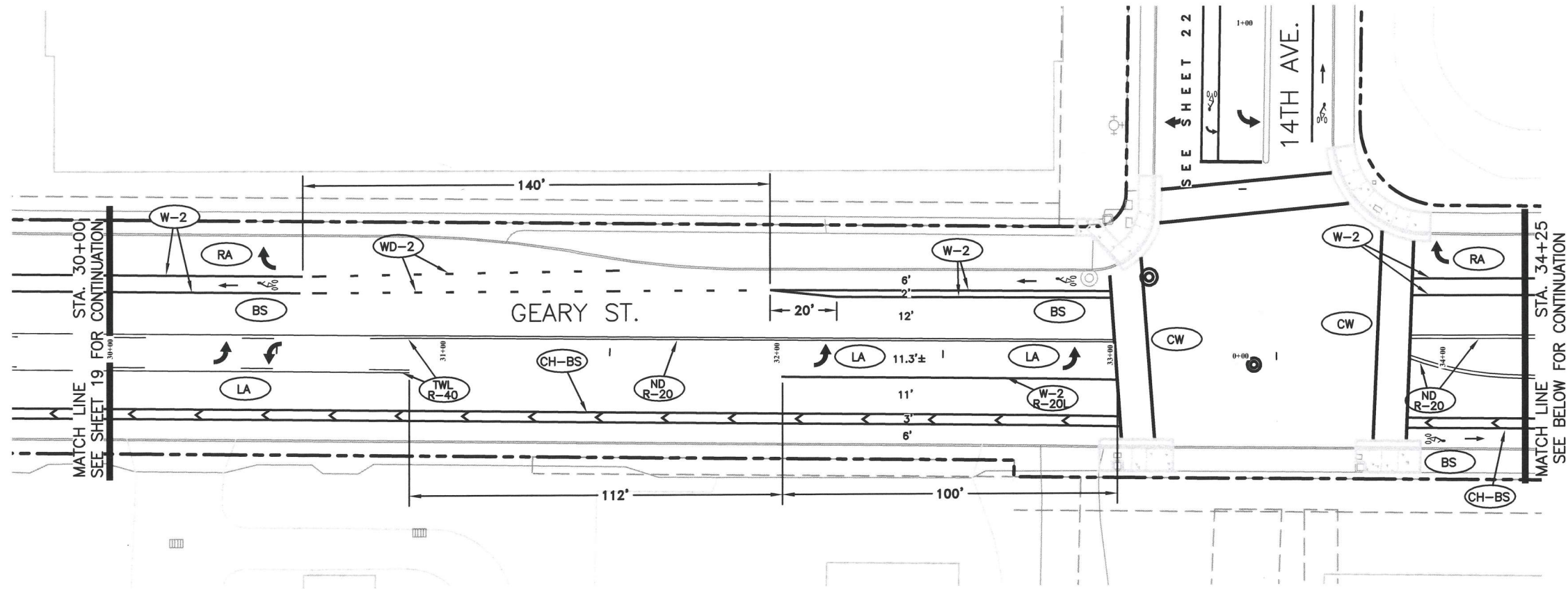
DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	NO: ---
	BY: ---
	NO: ---
	BY: ---
	NO: ---
	BY: ---
	NO: ---

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**SIGNING & STRIPING PLAN - GEARY STREET STA. 21+15 TO 30+00**

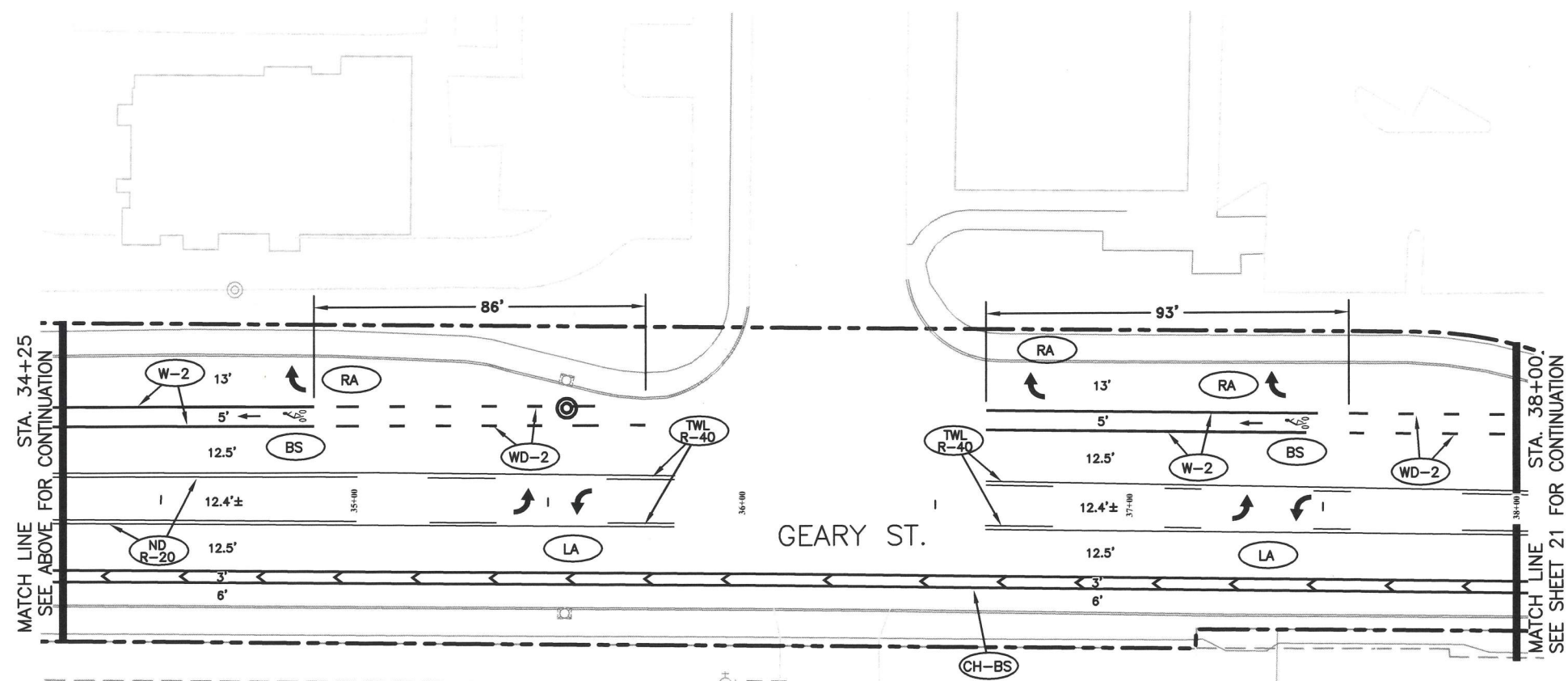


RENEWS: 12/31/2025  
SHEET NO. 19 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG



**NOTES:**

1. SEE ODOT STANDARD DRAWINGS TM 500 THRU TM 577 FOR STRIPING LEGEND AND DETAILS.
2. SEE STANDARD DRAWING NO. 208 FOR STANDARD SIGN INSTALLATION DETAILS.



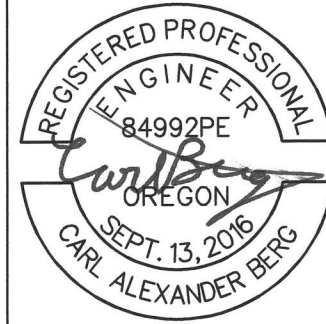
DESIGNED: C. BERG  
 DRAWN: C. BERG  
 CHECKED: C. CERKLEWSKI  
 DATE: 3/14/2024

REVISIONS	NO.	BY:

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**



**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
 STRIPING PLAN - GEARY STREET STA. 30+00 TO 38+00



RENEWES: 12/31/2025  
 SHEET NO. 20 OF 37  
 PROJECT NO: ST-23-03  
 FILE: BASE.DWG

MATCH LINE STA. 38+00  
SEE SHEET 20 FOR CONTINUATION

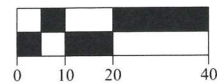
15TH AVE.

16TH AVE.

MATCH LINE STA. 42+75  
SEE BELOW FOR CONTINUATION

**NOTES:**

1. SEE ODOT STANDARD DRAWINGS TM 500 THRU TM 577 FOR STRIPING LEGEND AND DETAILS.
2. SEE STANDARD DRAWING NO. 208 FOR STANDARD SIGN INSTALLATION DETAILS.



MATCH LINE STA. 42+75  
SEE ABOVE FOR CONTINUATION

17TH AVE.

EXISTING CROSSWALK AND INTERSECTION STRIPING TO REMAIN. PROTECT IN PLACE

SEE ODOT TRAFFIC LINE MANUAL SECTION 413 FOR GREEN PAVEMENT

STA. 45+46-45+75:  
REMOVE EXISTING LONGITUDINAL STRIPING BETWEEN OVERLAY LIMITS AND CROSSWALK STRIPING. REPLACE WITH NEW STRIPING AS SHOWN.

QUEEN AVE.

DO NOT BLOCK INTERSECTION MARKINGS. SEE MUTCD FIGURE 3B-18 OPTION C

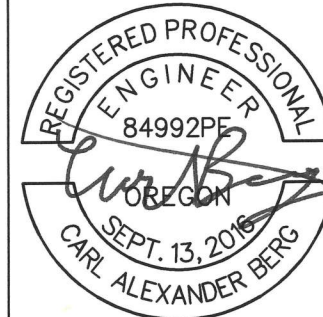
DESIGNED: C. BERG  
DRAWN: C. BERG  
CHECKED: C. CERKLEWSKI  
DATE: 3/14/2024

REVISIONS	NO.	BY:

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**



**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**STRIPING PLAN - GEARY STREET STA. 38+00 TO 46+00**

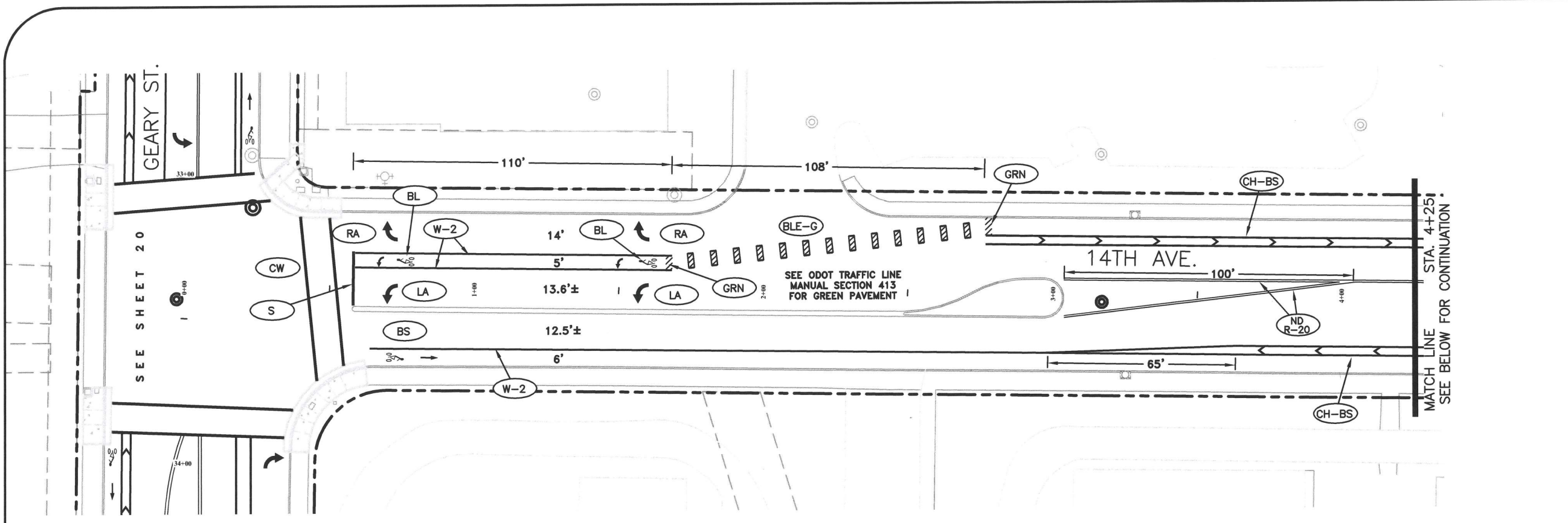


RENEWES: 12/31/2025

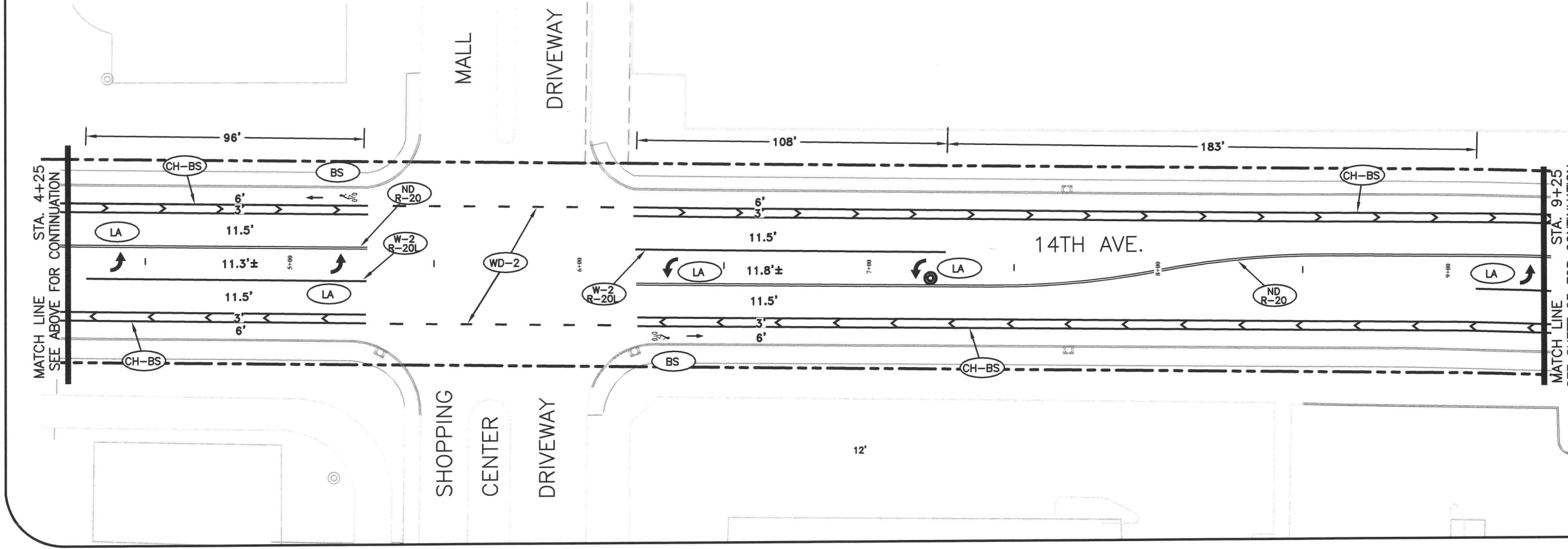
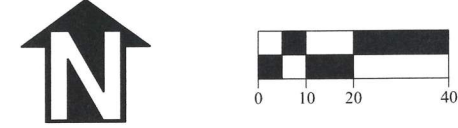
SHEET NO. 21 OF 37

PROJECT NO: ST-23-03

FILE: BASE.DWG



- NOTES:**
- SEE ODOT STANDARD DRAWINGS TM 500 THRU TM 577 FOR STRIPING LEGEND AND DETAILS.
  - SEE STANDARD DRAWING NO. 208 FOR STANDARD SIGN INSTALLATION DETAILS.



DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 3/14/2024	DATE: --

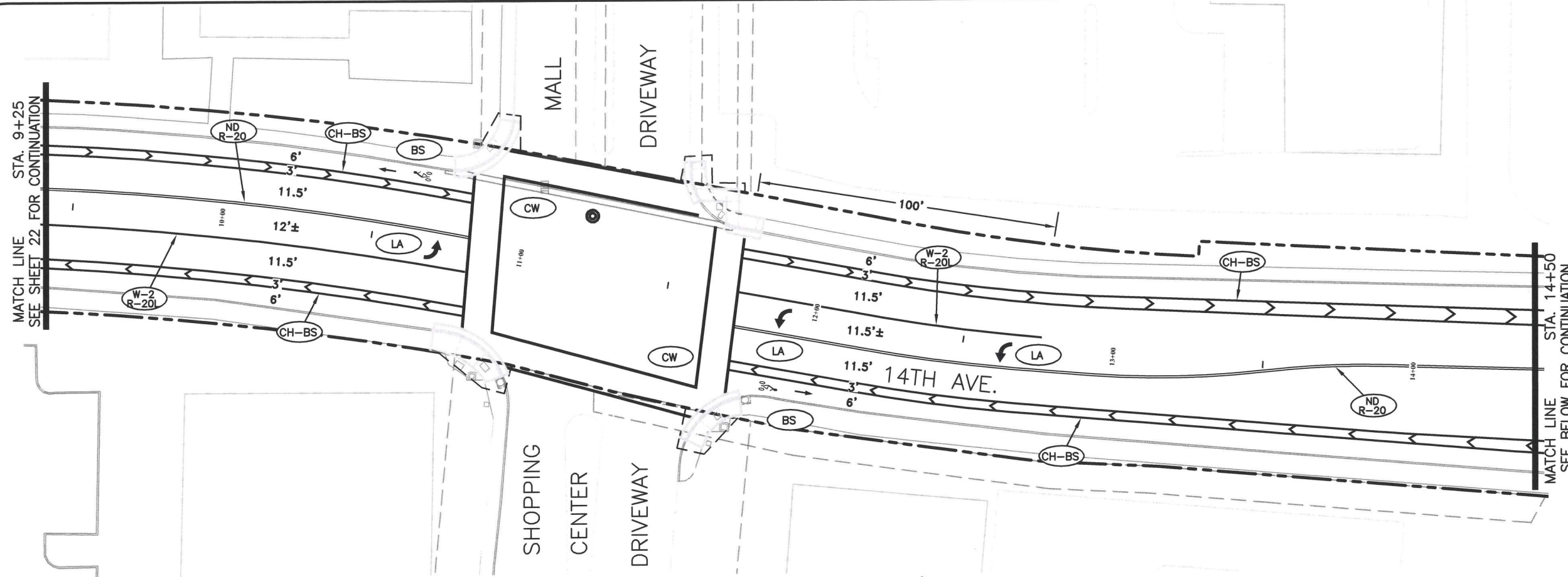
**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**



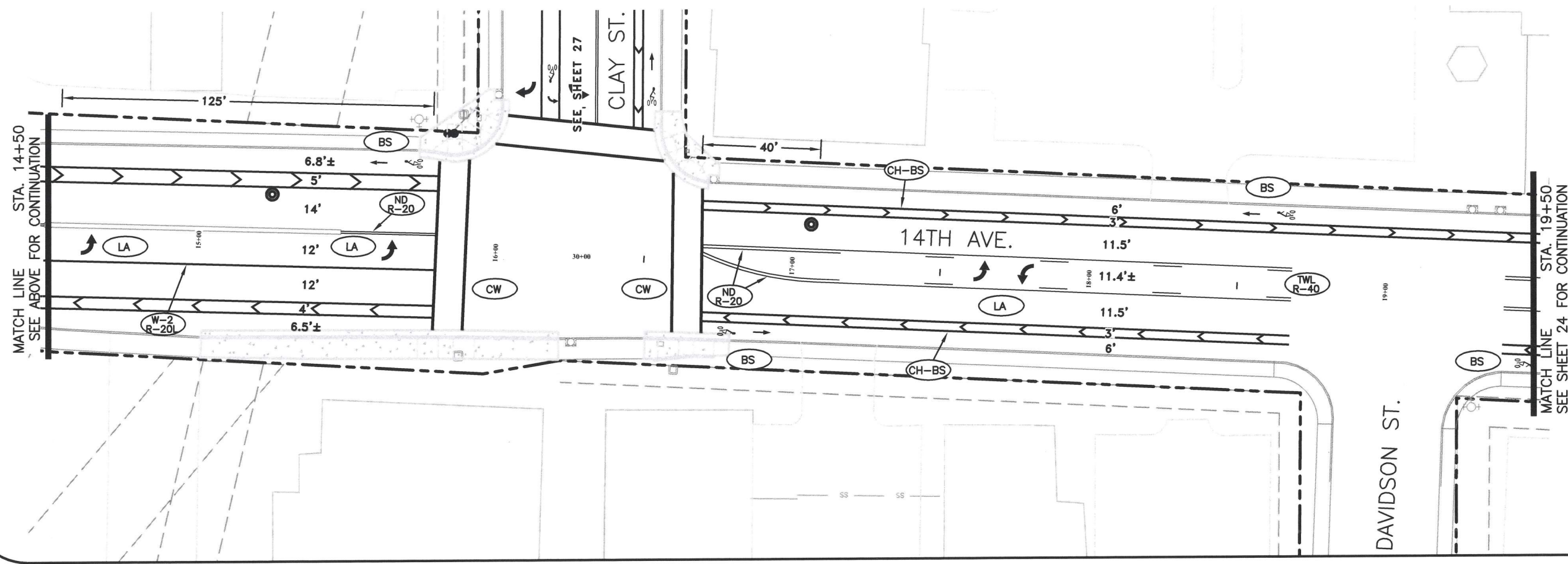
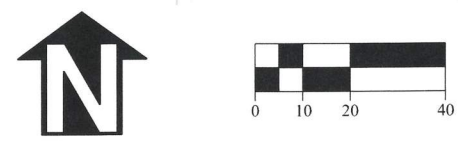
**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**STRIPING PLAN - 14TH AVENUE STA. 0+00 TO 9+25**



RENEWES: 12/31/2025  
 SHEET NO. 22 OF 37  
 PROJECT NO: ST-23-03  
 FILE: BASE.DWG



- NOTES:**
1. SEE ODOT STANDARD DRAWINGS TM 500 THRU TM 577 FOR STRIPING LEGEND AND DETAILS.
  2. SEE STANDARD DRAWING NO. 208 FOR STANDARD SIGN INSTALLATION DETAILS.



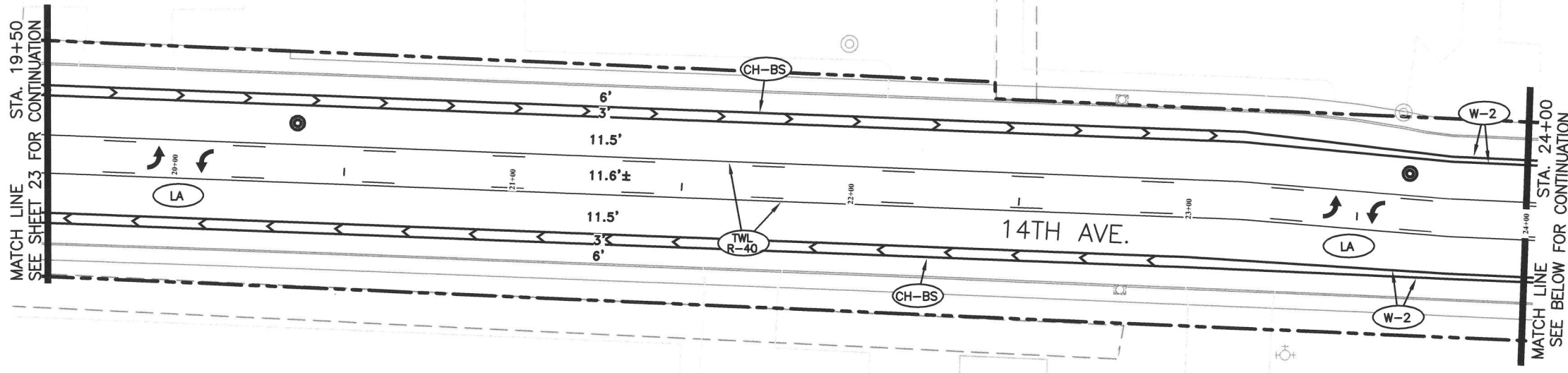
DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	DATE: ---

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**STRIPING PLAN - 14TH AVENUE STA. 9+25 TO 19+50**

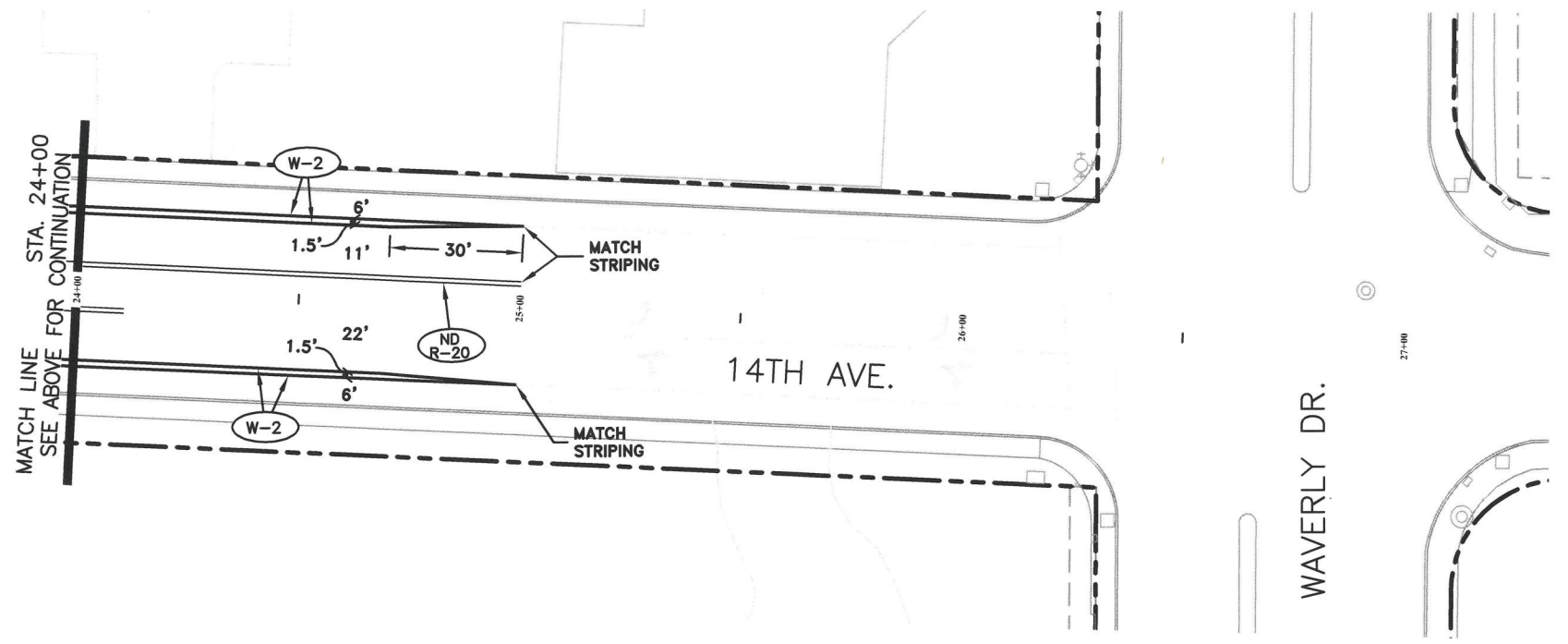
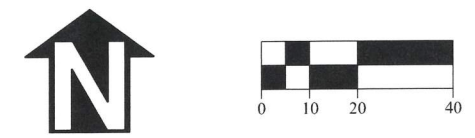


RENEWS: 12/31/2025  
SHEET NO. 23 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG



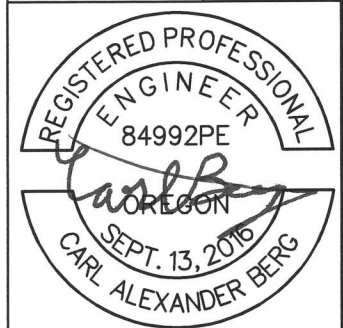
DESIGNED: C. BERG	REVISIONS:
DRAWN: C. BERG	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 3/14/2024	DATE: --

- NOTES:**
1. SEE ODOT STANDARD DRAWINGS TM 500 THRU TM 577 FOR STRIPING LEGEND AND DETAILS.
  2. SEE STANDARD DRAWING NO. 208 FOR STANDARD SIGN INSTALLATION DETAILS.



**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**STRIPING PLAN - 14TH AVENUE STA. 19+50 TO 25+00**

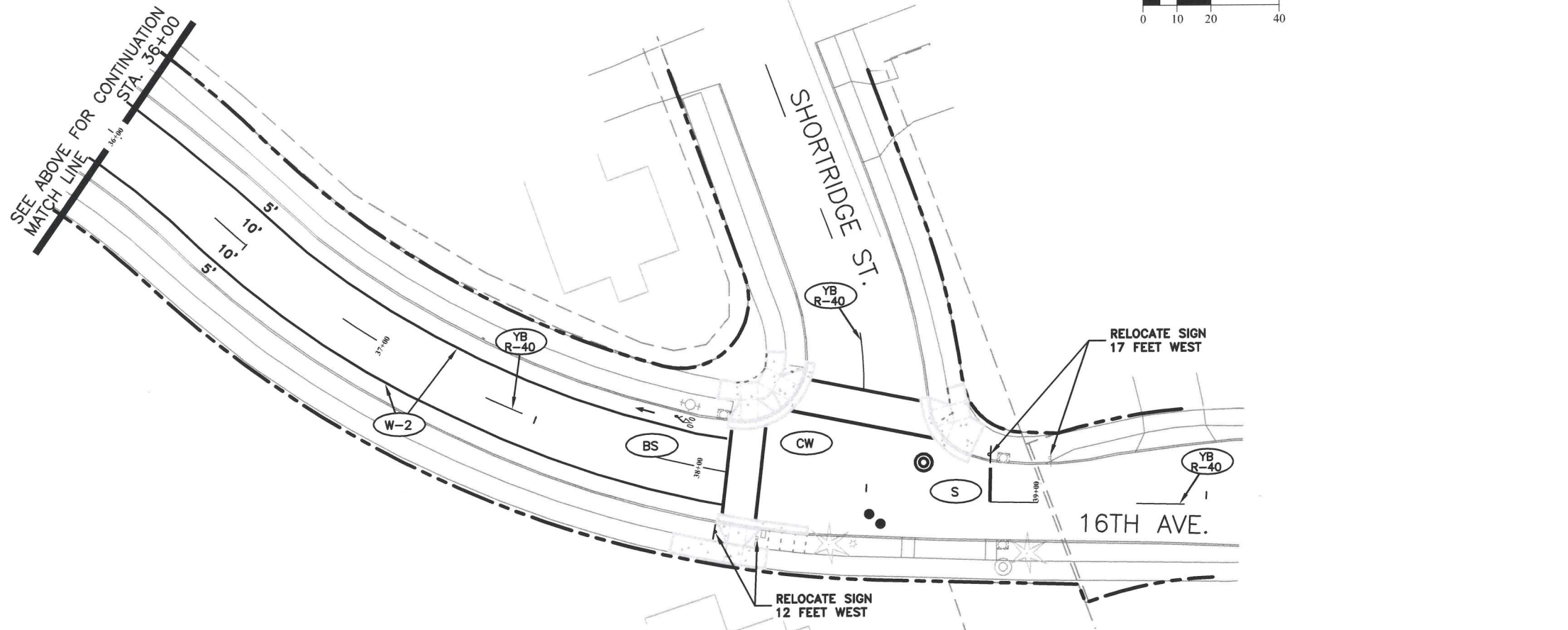
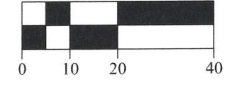


RENEWS: 12/31/2025  
 SHEET NO. 24 OF 37  
 PROJECT NO: ST-23-03  
 FILE: BASE.DWG



**NOTES:**  
 1. SEE ODOT STANDARD DRAWINGS TM 500 THRU TM 577 FOR STRIPING LEGEND AND DETAILS.  
 2. SEE STANDARD DRAWING NO. 208 FOR STANDARD SIGN INSTALLATION DETAILS.

SEE ABOVE FOR CONTINUATION  
 MATCH LINE  
 STA. 36+00



DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	DATE: ---

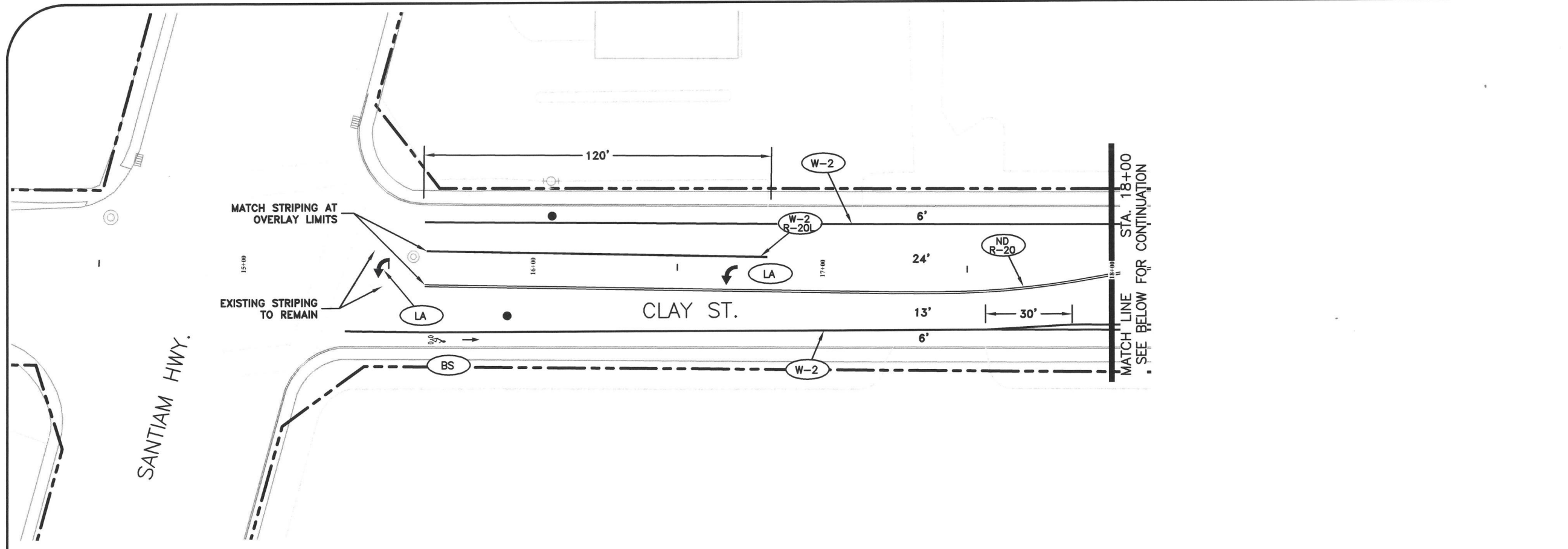
**PUBLIC WORKS DEPARTMENT  
 ENGINEERING SERVICES**



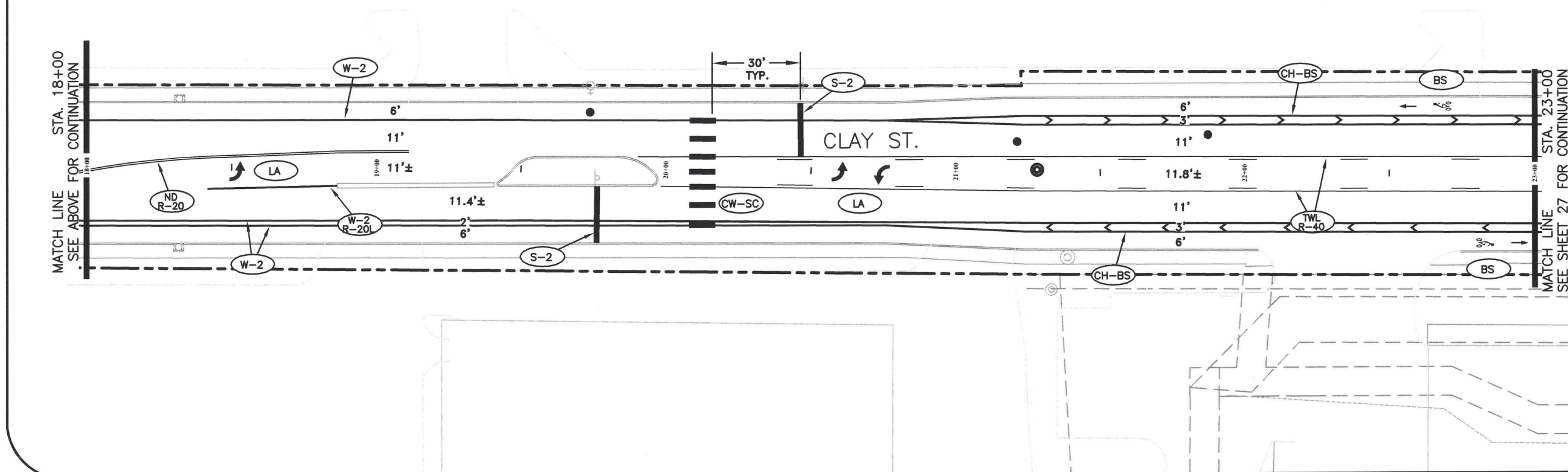
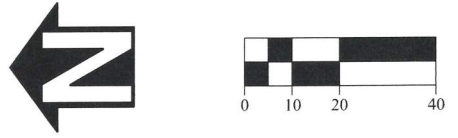
**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
 SIGNING & STRIPING PLAN - 14TH AVENUE STA. 34+00 TO 39+52**



RENEWS: 12/31/2025  
 SHEET NO. 25 OF 37  
 PROJECT NO: ST-23-03  
 FILE: BASE.DWG



- NOTES:**
1. SEE ODOT STANDARD DRAWINGS TM 500 THRU TM 577 FOR STRIPING LEGEND AND DETAILS.
  2. SEE STANDARD DRAWING NO. 208 FOR STANDARD SIGN INSTALLATION DETAILS.



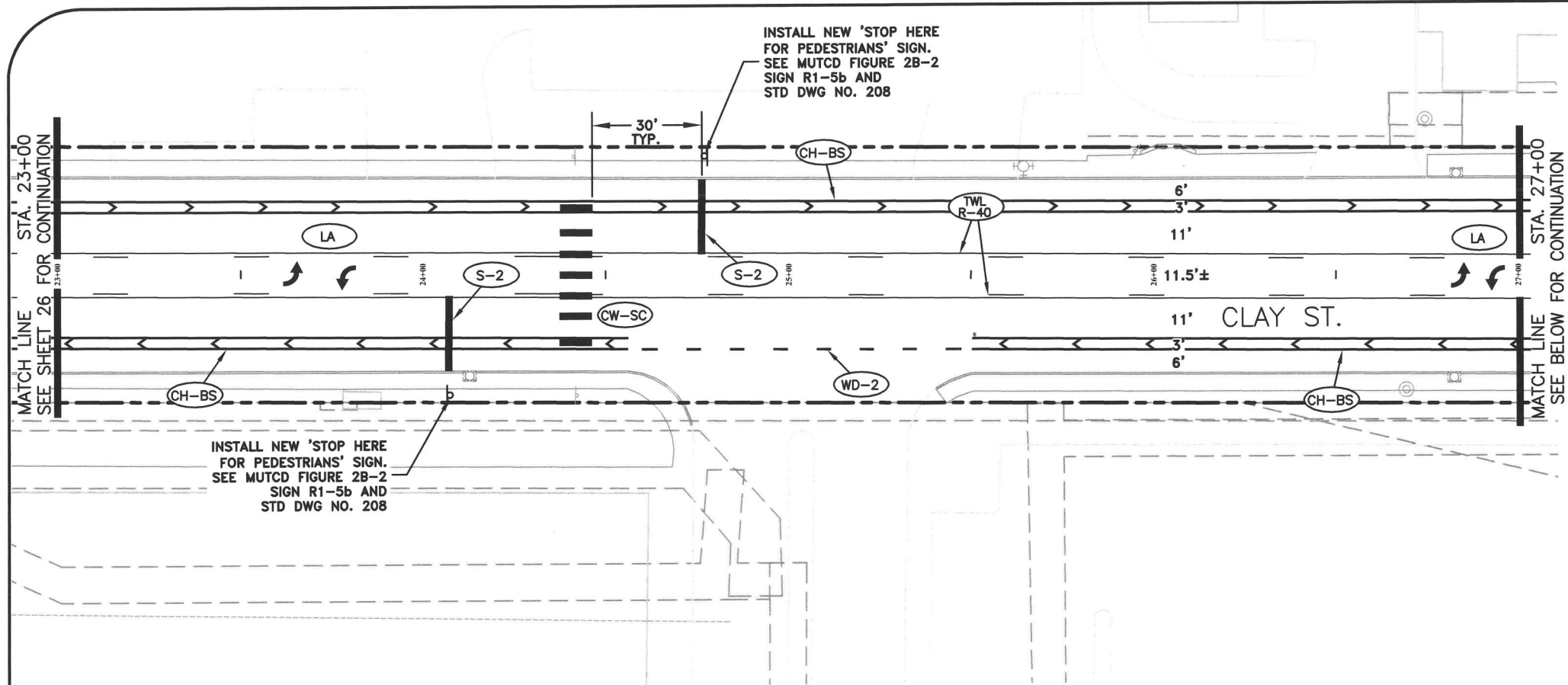
DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	DATE: ---

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**STRIPING PLAN - CLAY STREET STA. 15+00 TO 23+00**



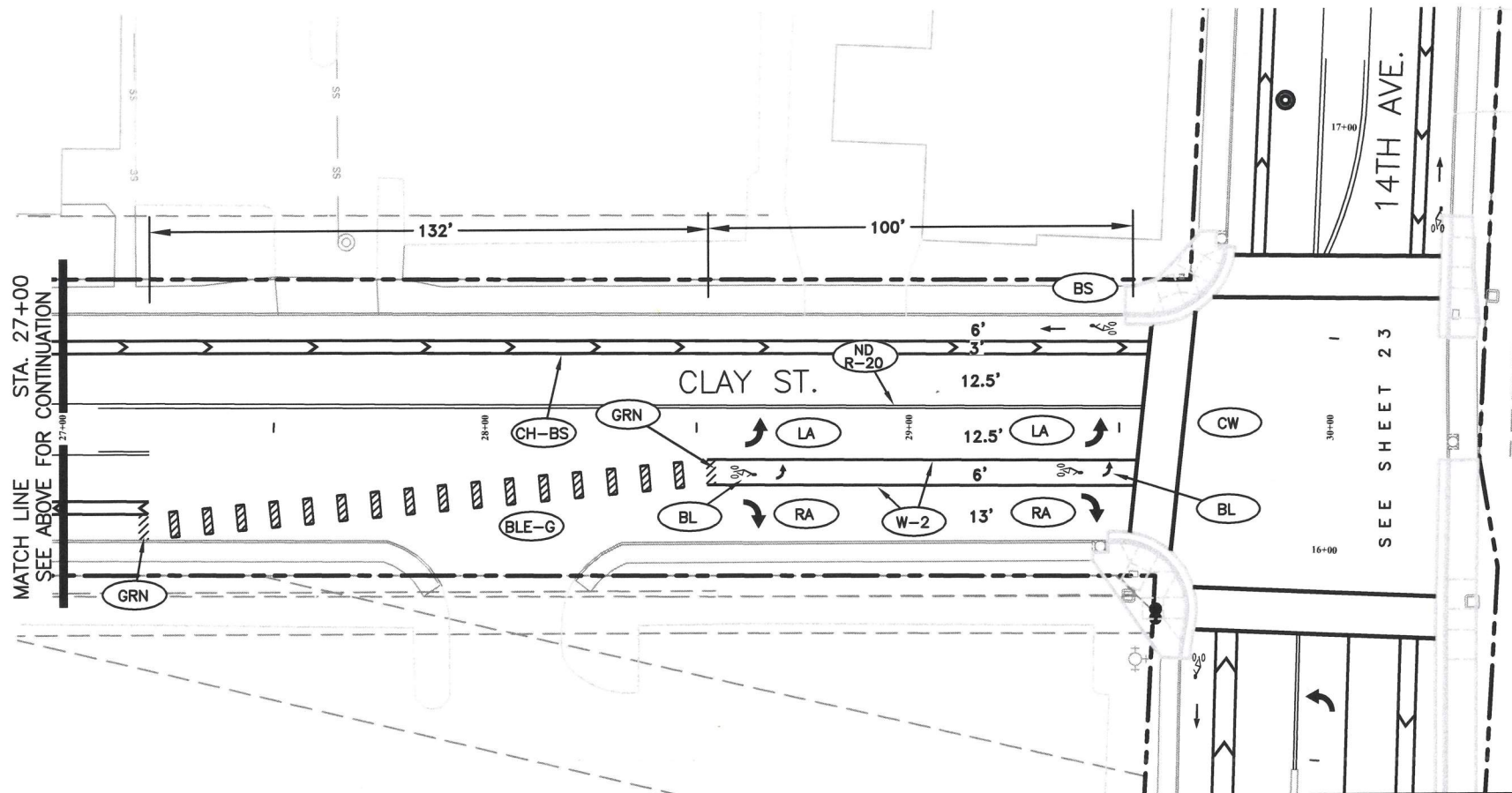
RENEWS: 12/31/2025  
SHEET NO. 26 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG



INSTALL NEW 'STOP HERE FOR PEDESTRIANS' SIGN. SEE MUTCD FIGURE 2B-2 SIGN R1-5b AND STD DWG NO. 208

INSTALL NEW 'STOP HERE FOR PEDESTRIANS' SIGN. SEE MUTCD FIGURE 2B-2 SIGN R1-5b AND STD DWG NO. 208

- NOTES:**
1. SEE ODOT STANDARD DRAWINGS TM 500 THRU TM 577 FOR STRIPING LEGEND AND DETAILS.
  2. SEE STANDARD DRAWING NO. 208 FOR STANDARD SIGN INSTALLATION DETAILS.



DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	DATE: ---

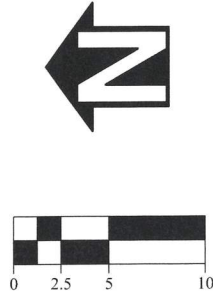
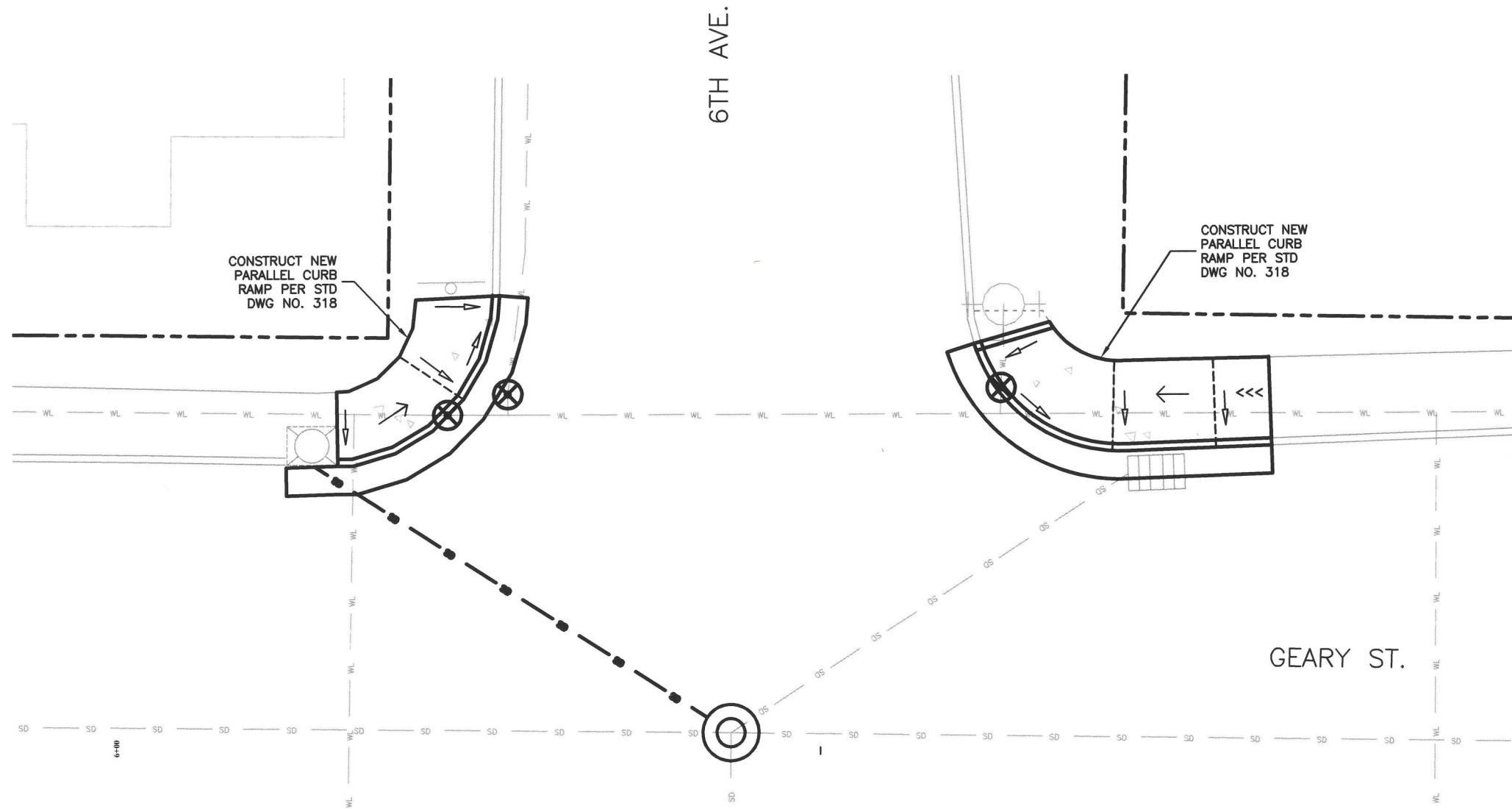
**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**



**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**SIGNING & STRIPING PLAN - CLAY STREET STA. 23+00 TO 30+00**



RENEWS: 12/31/2025  
SHEET NO. 27 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG




**LEGEND:**

↖	CROSS SLOPE & LANDING DESIGN SLOPE 0%–1.5% MAX 2% CONSTRUCTED
<<<	RUNNING SLOPE DESIGN SLOPE 0%–4.5% MAX 5% CONSTRUCTED
←	RAMP SLOPES DESIGN SLOPE 5%–7.5% MAX 8.3% CONSTRUCTED
◁	FLARE SLOPES DESIGN SLOPE 0%–9% MAX 10% CONSTRUCTED
↔	DRAINAGE FLOW DIRECTION

- NOTES:**
- ALL FINISH CONCRETE SURFACING SHALL HAVE A MINIMUM SLOPE OF 0.5% (0.3% FINAL CONSTRUCTED SLOPE) IN AT LEAST ONE DIRECTION TO ALLOW FOR DRAINAGE.
  - CONTRACTOR SHALL COLLABORATE WITH ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.
  - TRANSITION PANELS MAY BE NEEDED AT MATCH LOCATIONS TO MEET CROSS SLOPE REQUIREMENTS.

DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	---

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

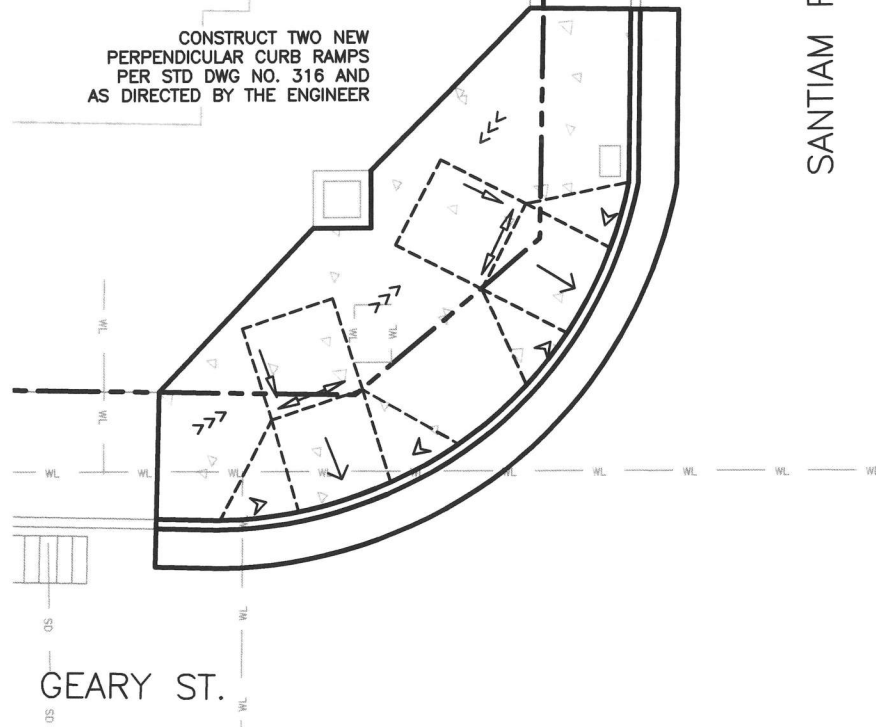


**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**CURB RAMP DETAILS I**

RENEWES: 12/31/2025  
SHEET NO. 28 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG

NE CORNER RAMP DETAIL VIEW

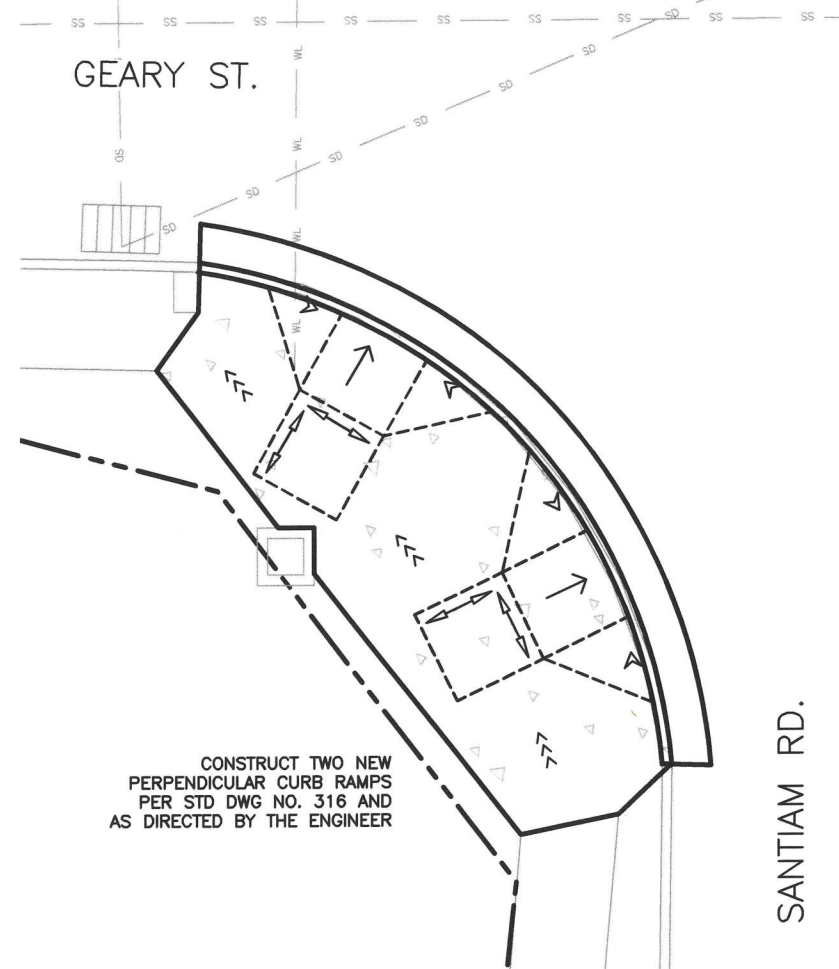
CONSTRUCT TWO NEW PERPENDICULAR CURB RAMPS PER STD DWG NO. 316 AND AS DIRECTED BY THE ENGINEER



SANTIAM RD.

GEARY ST.

NW CORNER RAMP DETAIL VIEW



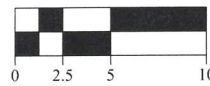
SANTIAM RD.

GEARY ST.

CONSTRUCT TWO NEW PERPENDICULAR CURB RAMPS PER STD DWG NO. 316 AND AS DIRECTED BY THE ENGINEER

**LEGEND:**

- ↖ CROSS SLOPE & LANDING  
DESIGN SLOPE 0%-1.5%  
MAX 2% CONSTRUCTED
- ↗ RUNNING SLOPE  
DESIGN SLOPE 0%-4.5%  
MAX 5% CONSTRUCTED
- ↘ RAMP SLOPES  
DESIGN SLOPE 5%-7.5%  
MAX 8.3% CONSTRUCTED
- ↙ FLARE SLOPES  
DESIGN SLOPE 0%-9%  
MAX 10% CONSTRUCTED
- DRAINAGE FLOW DIRECTION

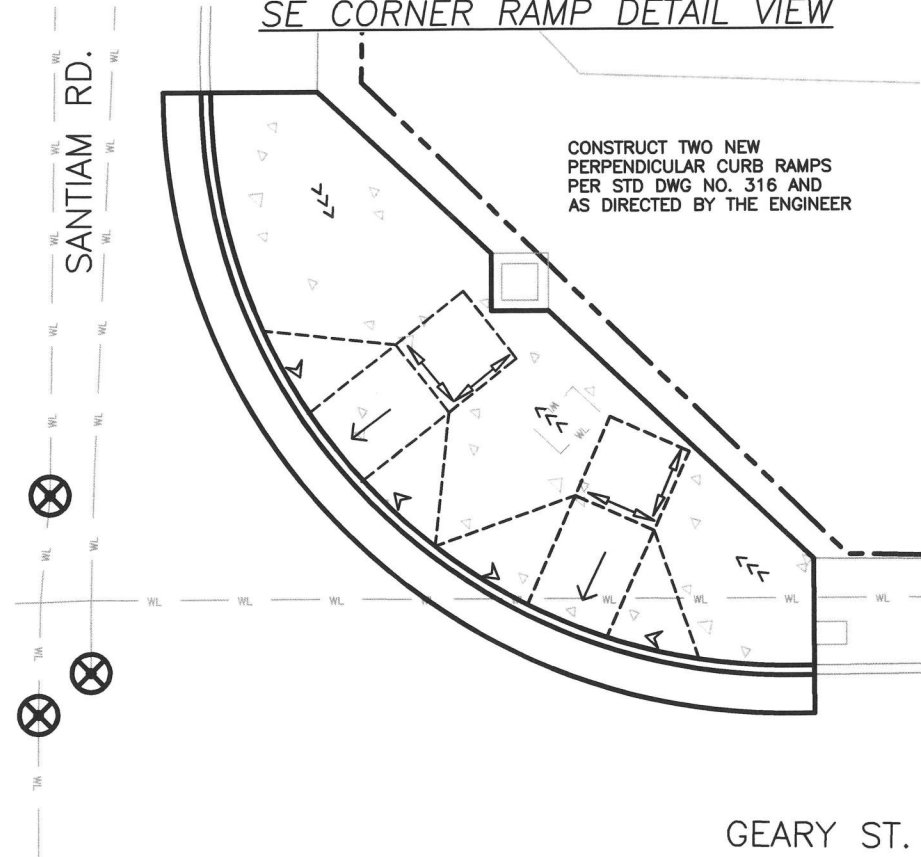


**NOTES:**

1. ALL FINISH CONCRETE SURFACING SHALL HAVE A MINIMUM SLOPE OF 0.5% (0.3% FINAL CONSTRUCTED SLOPE) IN AT LEAST ONE DIRECTION TO ALLOW FOR DRAINAGE.
2. CONTRACTOR SHALL COLLABORATE WITH ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.
3. TRANSITION PANELS MAY BE NEEDED AT MATCH LOCATIONS TO MEET CROSS SLOPE REQUIREMENTS.

SE CORNER RAMP DETAIL VIEW

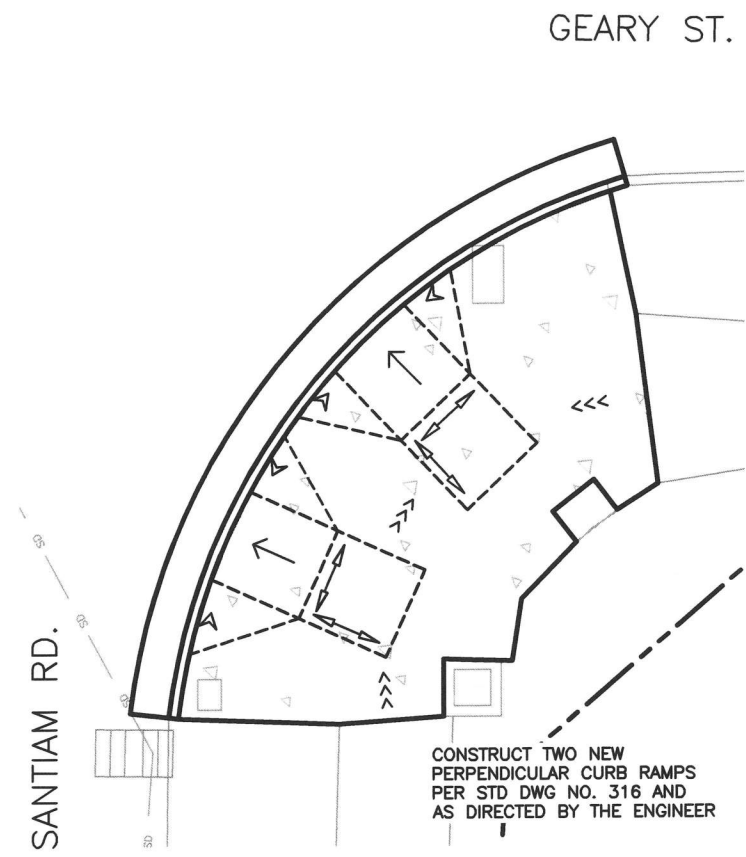
CONSTRUCT TWO NEW PERPENDICULAR CURB RAMPS PER STD DWG NO. 316 AND AS DIRECTED BY THE ENGINEER



SANTIAM RD.

GEARY ST.

SW CORNER RAMP DETAIL VIEW



SANTIAM RD.

GEARY ST.

CONSTRUCT TWO NEW PERPENDICULAR CURB RAMPS PER STD DWG NO. 316 AND AS DIRECTED BY THE ENGINEER

DESIGNED: C. BERG	REVISIONS:	NO:	BY:
DRAWN: C. BERG			
CHECKED: C. CERKLEWSKI			
DATE: 3/14/2024			

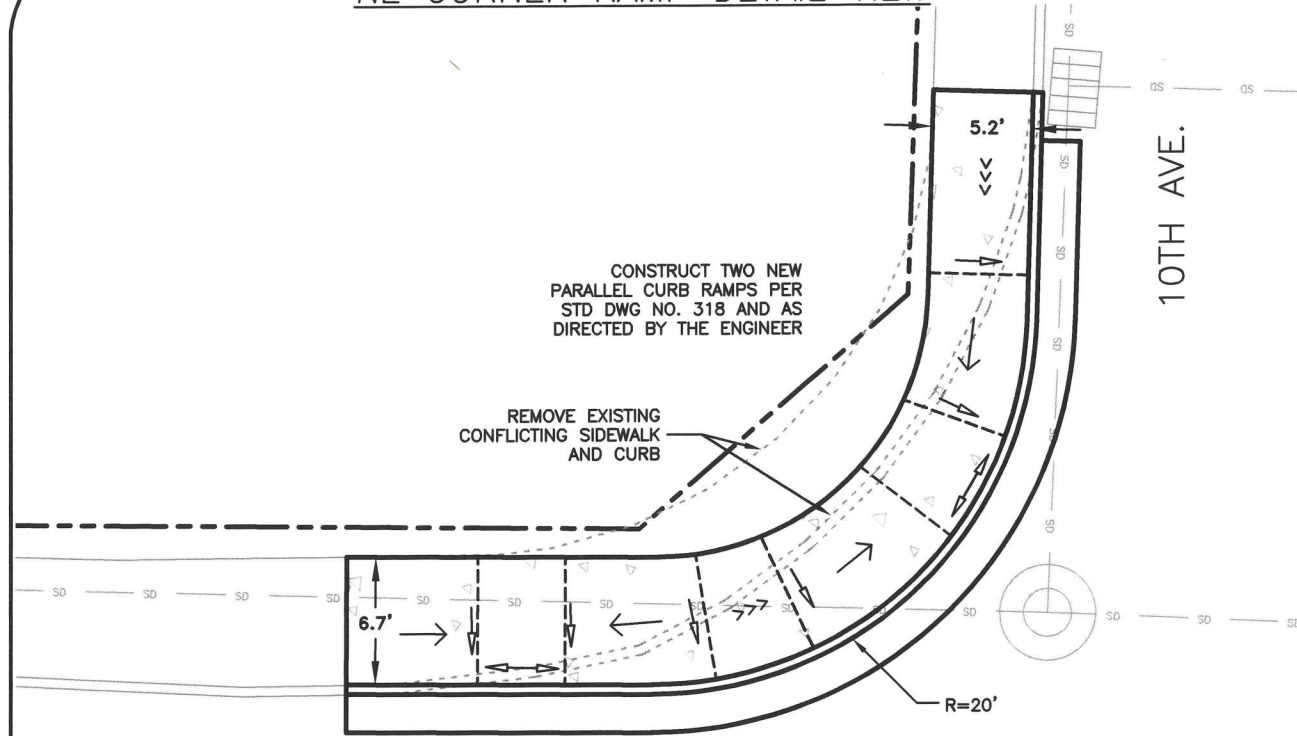
**PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
CURB RAMP DETAILS 2**

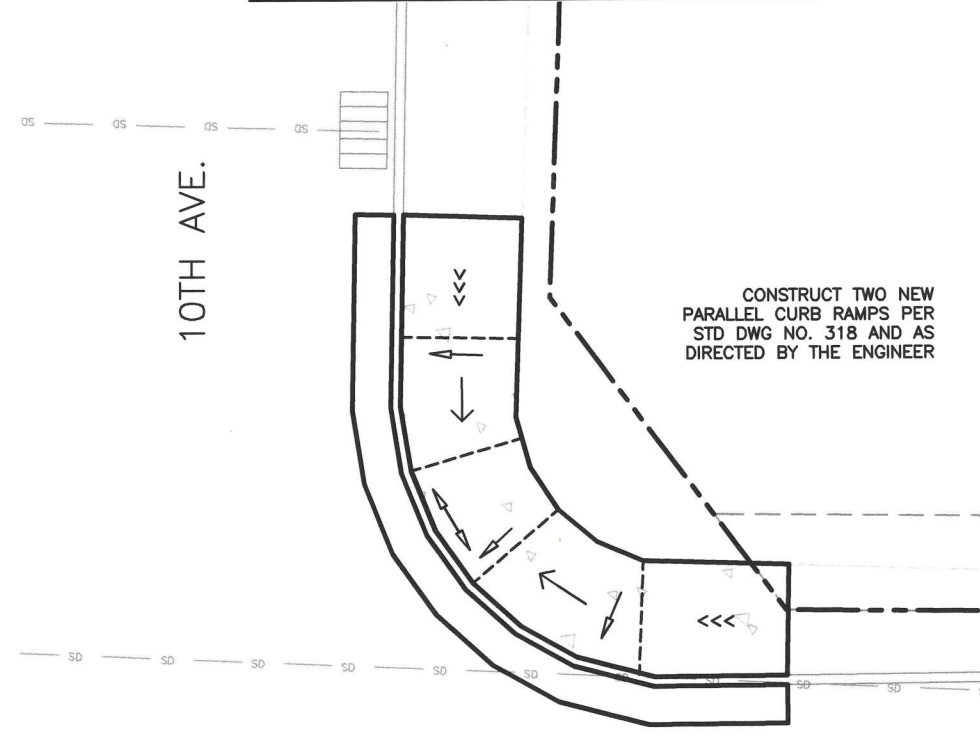


RENEWES: 12/31/2025  
SHEET NO. 29 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG

NE CORNER RAMP DETAIL VIEW



SE CORNER RAMP DETAIL VIEW



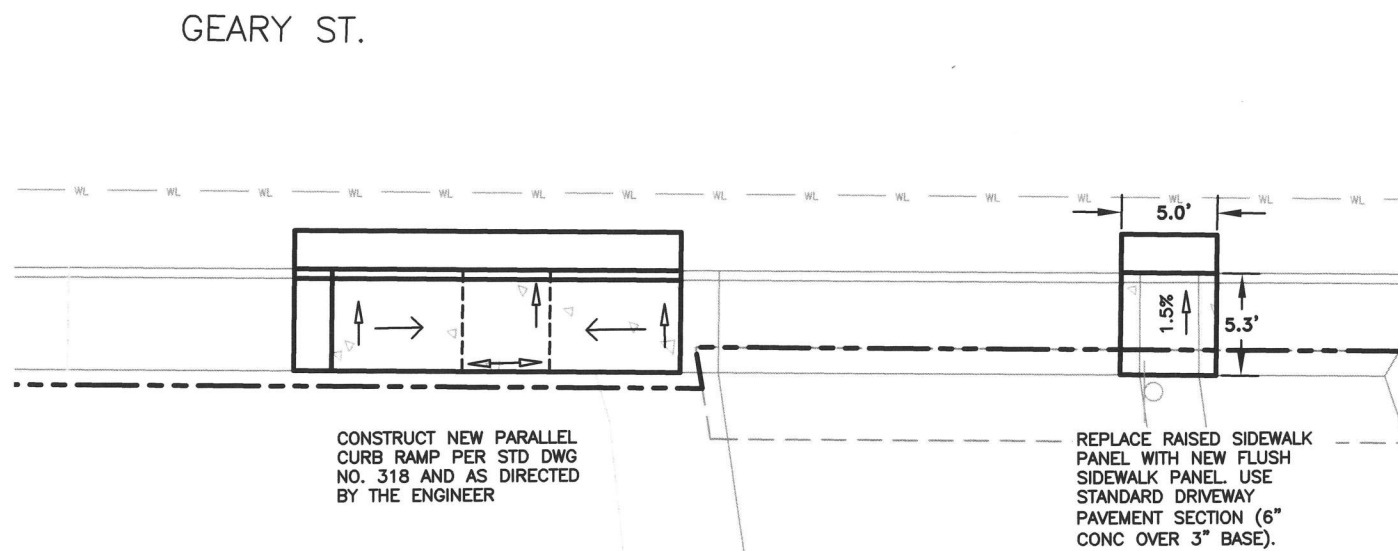
GEARY ST.

GEARY ST.

10TH AVE.

10TH AVE.

NW CORNER RAMP DETAIL VIEW



GEARY ST.

**LEGEND:**

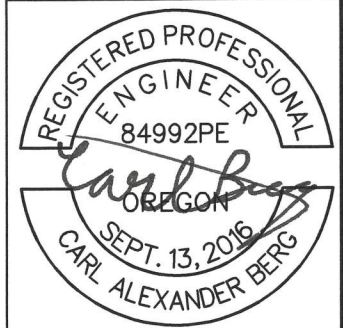
- ↖ CROSS SLOPE & LANDING  
DESIGN SLOPE 0%–1.5%  
MAX 2% CONSTRUCTED
- <<< RUNNING SLOPE  
DESIGN SLOPE 0%–4.5%  
MAX 5% CONSTRUCTED
- ← RAMP SLOPES  
DESIGN SLOPE 5%–7.5%  
MAX 8.3% CONSTRUCTED
- ↙ FLARE SLOPES  
DESIGN SLOPE 0%–9%  
MAX 10% CONSTRUCTED
- ↔ DRAINAGE FLOW DIRECTION

- NOTES:**
- ALL FINISH CONCRETE SURFACING SHALL HAVE A MINIMUM SLOPE OF 0.5% (0.3% FINAL CONSTRUCTED SLOPE) IN AT LEAST ONE DIRECTION TO ALLOW FOR DRAINAGE.
  - CONTRACTOR SHALL COLLABORATE WITH ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.
  - TRANSITION PANELS MAY BE NEEDED AT MATCH LOCATIONS TO MEET CROSS SLOPE REQUIREMENTS.

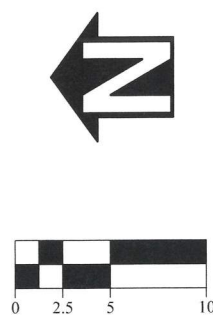
DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	DATE: ---

**PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
CURB RAMP DETAILS 3**



RENEWS: 12/31/2025  
SHEET NO. 30 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG

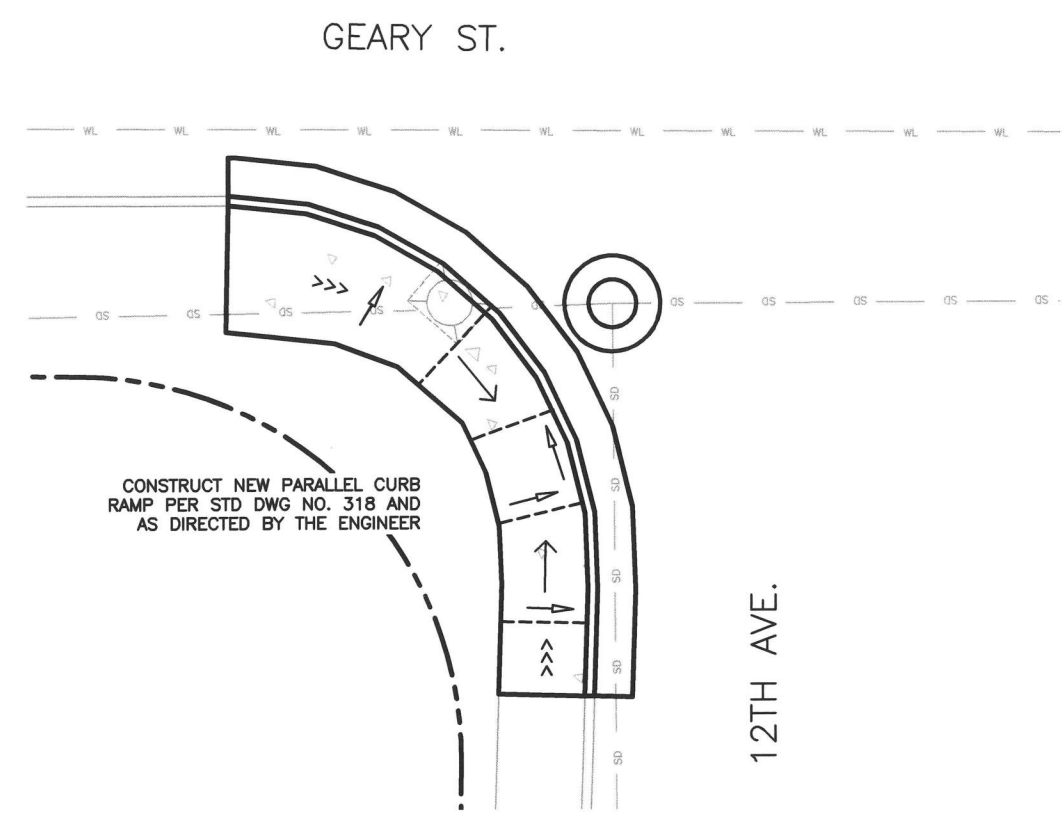


**LEGEND:**

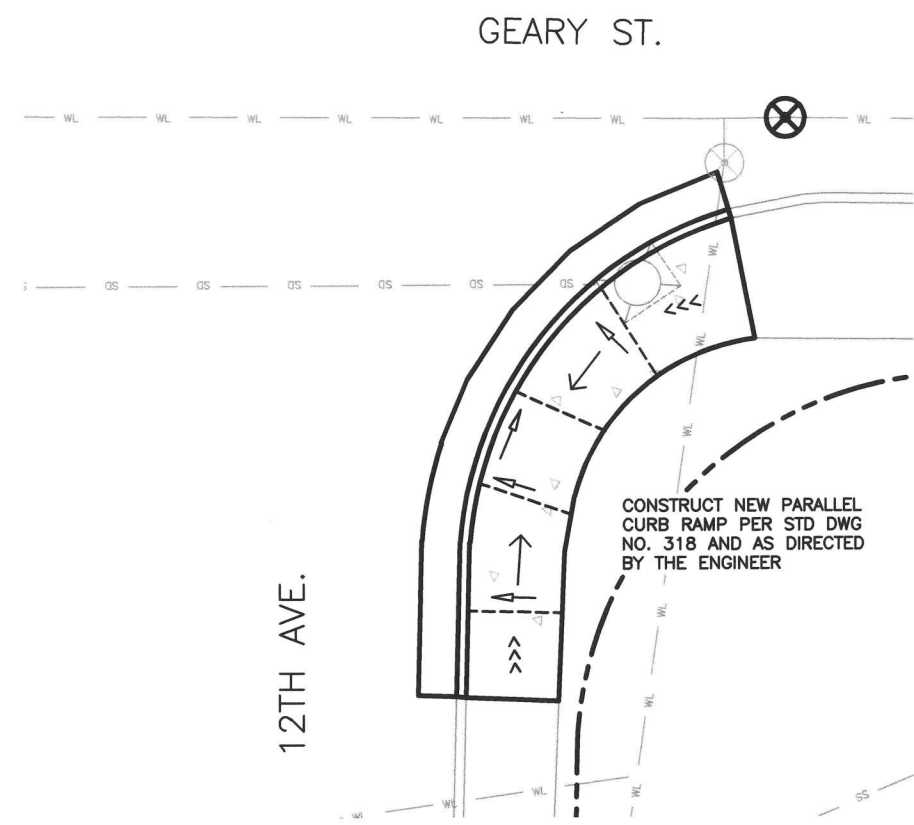
↖	CROSS SLOPE & LANDING DESIGN SLOPE 0%–1.5% MAX 2% CONSTRUCTED
<<<	RUNNING SLOPE DESIGN SLOPE 0%–4.5% MAX 5% CONSTRUCTED
←	RAMP SLOPES DESIGN SLOPE 5%–7.5% MAX 8.3% CONSTRUCTED
↙	FLARE SLOPES DESIGN SLOPE 0%–9% MAX 10% CONSTRUCTED
←	DRAINAGE FLOW DIRECTION

- NOTES:**
- ALL FINISH CONCRETE SURFACING SHALL HAVE A MINIMUM SLOPE OF 0.5% (0.3% FINAL CONSTRUCTED SLOPE) IN AT LEAST ONE DIRECTION TO ALLOW FOR DRAINAGE.
  - CONTRACTOR SHALL COLLABORATE WITH ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.
  - TRANSITION PANELS MAY BE NEEDED AT MATCH LOCATIONS TO MEET CROSS SLOPE REQUIREMENTS.

NW CORNER RAMP DETAIL VIEW



SW CORNER RAMP DETAIL VIEW



DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	DATE: ---

**PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES**

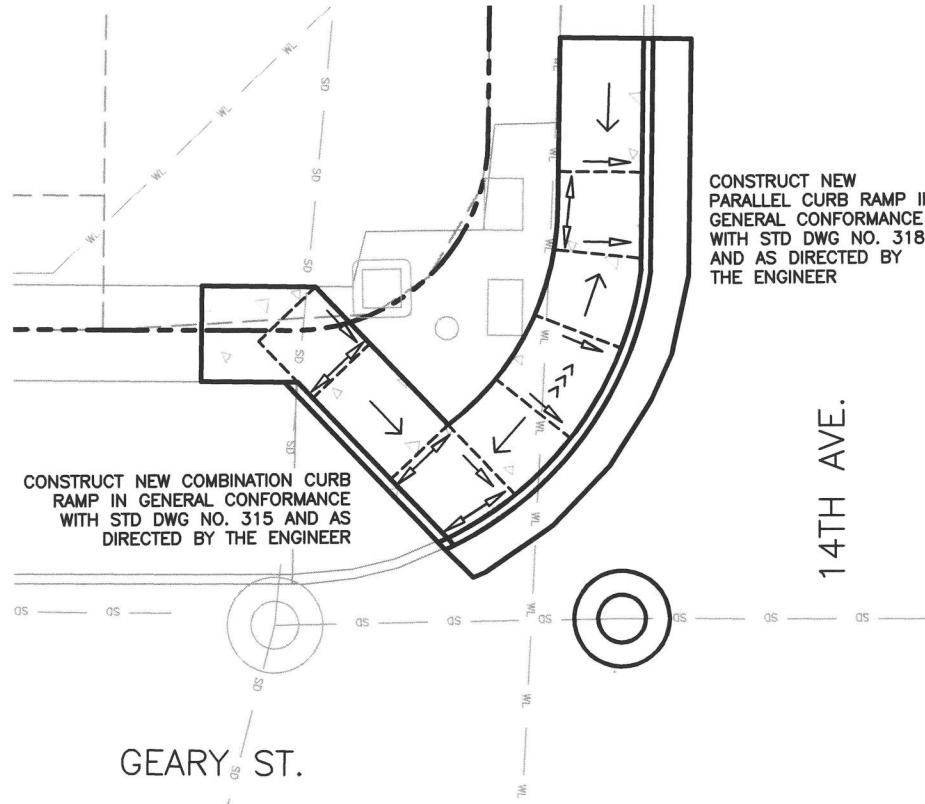


**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
CURB RAMP DETAILS 4**



RENEWS: 12/31/2025  
SHEET NO. 31 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG

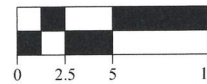
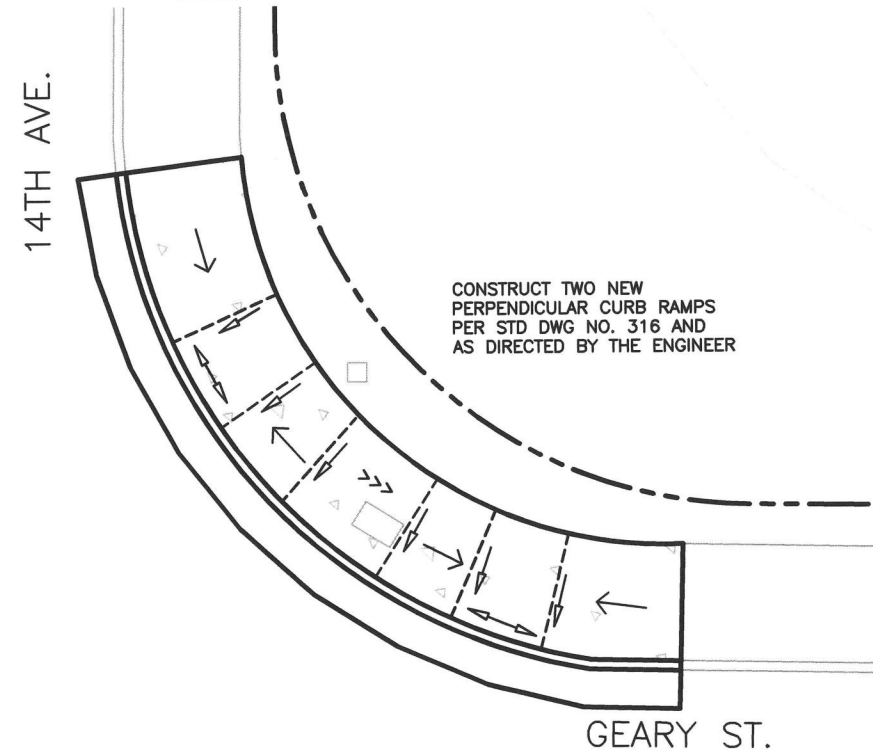
NW CORNER RAMP DETAIL VIEW



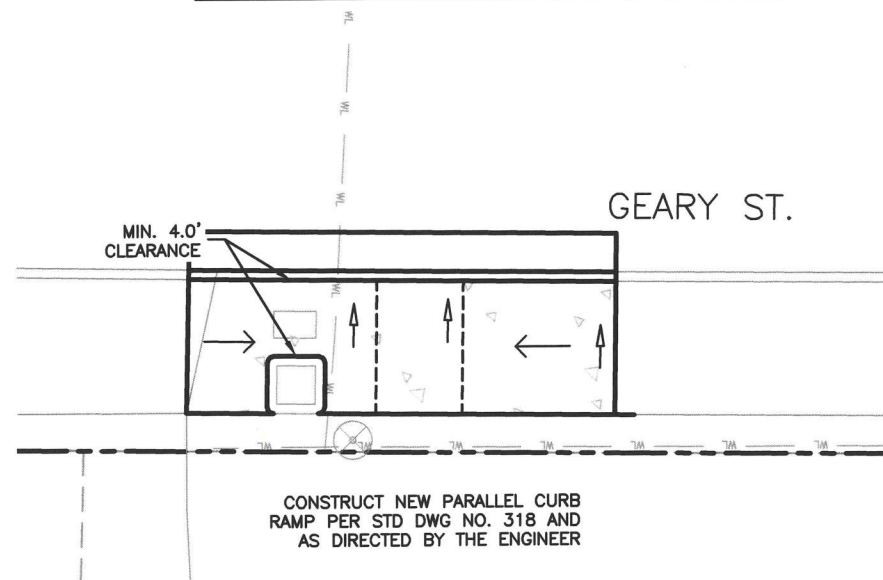
**LEGEND:**

- ↖ CROSS SLOPE & LANDING  
DESIGN SLOPE 0%-1.5%  
MAX 2% CONSTRUCTED
- <<< RUNNING SLOPE  
DESIGN SLOPE 0%-4.5%  
MAX 5% CONSTRUCTED
- ← RAMP SLOPES  
DESIGN SLOPE 5%-7.5%  
MAX 8.3% CONSTRUCTED
- ↘ FLARE SLOPES  
DESIGN SLOPE 0%-9%  
MAX 10% CONSTRUCTED
- DRAINAGE FLOW DIRECTION

NW CORNER RAMP DETAIL VIEW

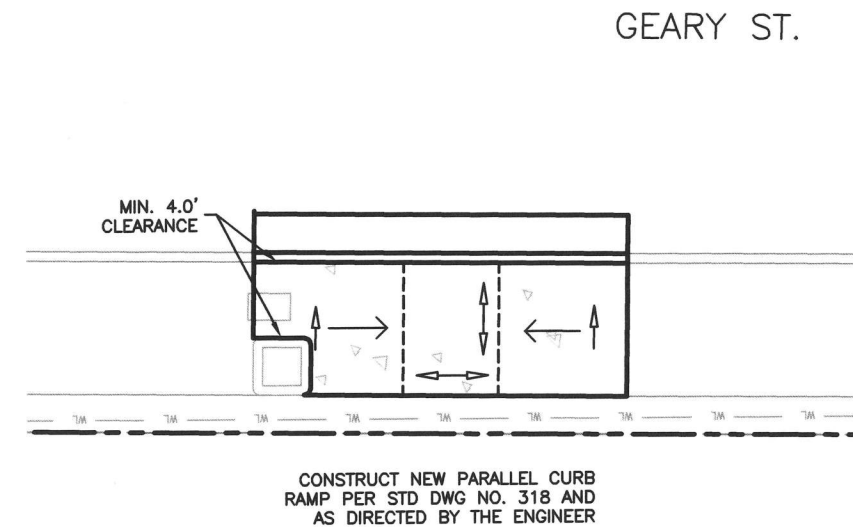


NW CORNER RAMP DETAIL VIEW



- NOTES:**
1. ALL FINISH CONCRETE SURFACING SHALL HAVE A MINIMUM SLOPE OF 0.5% (0.3% FINAL CONSTRUCTED SLOPE) IN AT LEAST ONE DIRECTION TO ALLOW FOR DRAINAGE.
  2. CONTRACTOR SHALL COLLABORATE WITH ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.
  3. TRANSITION PANELS MAY BE NEEDED AT MATCH LOCATIONS TO MEET CROSS SLOPE REQUIREMENTS.

SW CORNER RAMP DETAIL VIEW



DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 3/14/2024	DATE: --

PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES

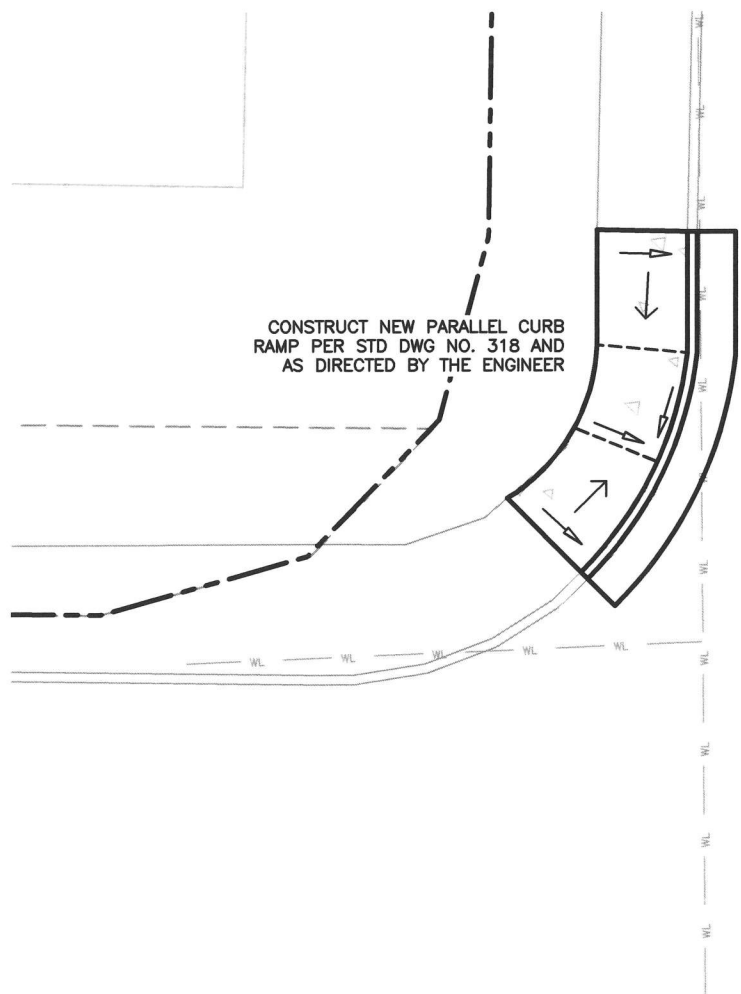


ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
CURB RAMP DETAILS 5

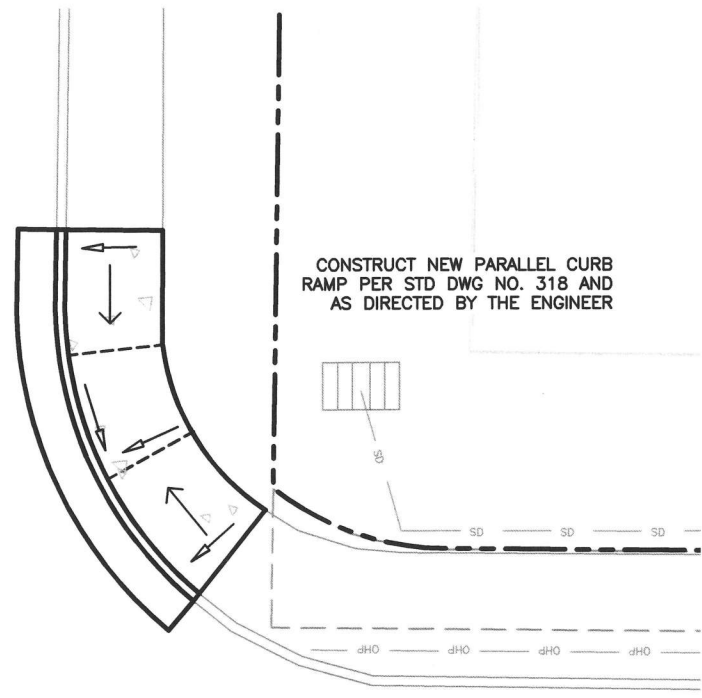


RENEWS: 12/31/2025  
SHEET NO. 32 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG





16TH AVE.



GEARY ST.



**LEGEND:**

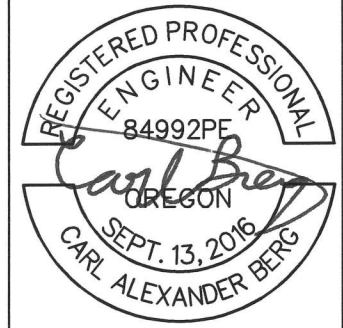
↖	CROSS SLOPE & LANDING DESIGN SLOPE 0%-1.5% MAX 2% CONSTRUCTED
<<<	RUNNING SLOPE DESIGN SLOPE 0%-4.5% MAX 5% CONSTRUCTED
←	RAMP SLOPES DESIGN SLOPE 5%-7.5% MAX 8.3% CONSTRUCTED
↙	FLARE SLOPES DESIGN SLOPE 0%-9% MAX 10% CONSTRUCTED
→	DRAINAGE FLOW DIRECTION

- NOTES:**
1. ALL FINISH CONCRETE SURFACING SHALL HAVE A MINIMUM SLOPE OF 0.5% (0.3% FINAL CONSTRUCTED SLOPE) IN AT LEAST ONE DIRECTION TO ALLOW FOR DRAINAGE.
  2. CONTRACTOR SHALL COLLABORATE WITH ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.
  3. TRANSITION PANELS MAY BE NEEDED AT MATCH LOCATIONS TO MEET CROSS SLOPE REQUIREMENTS.

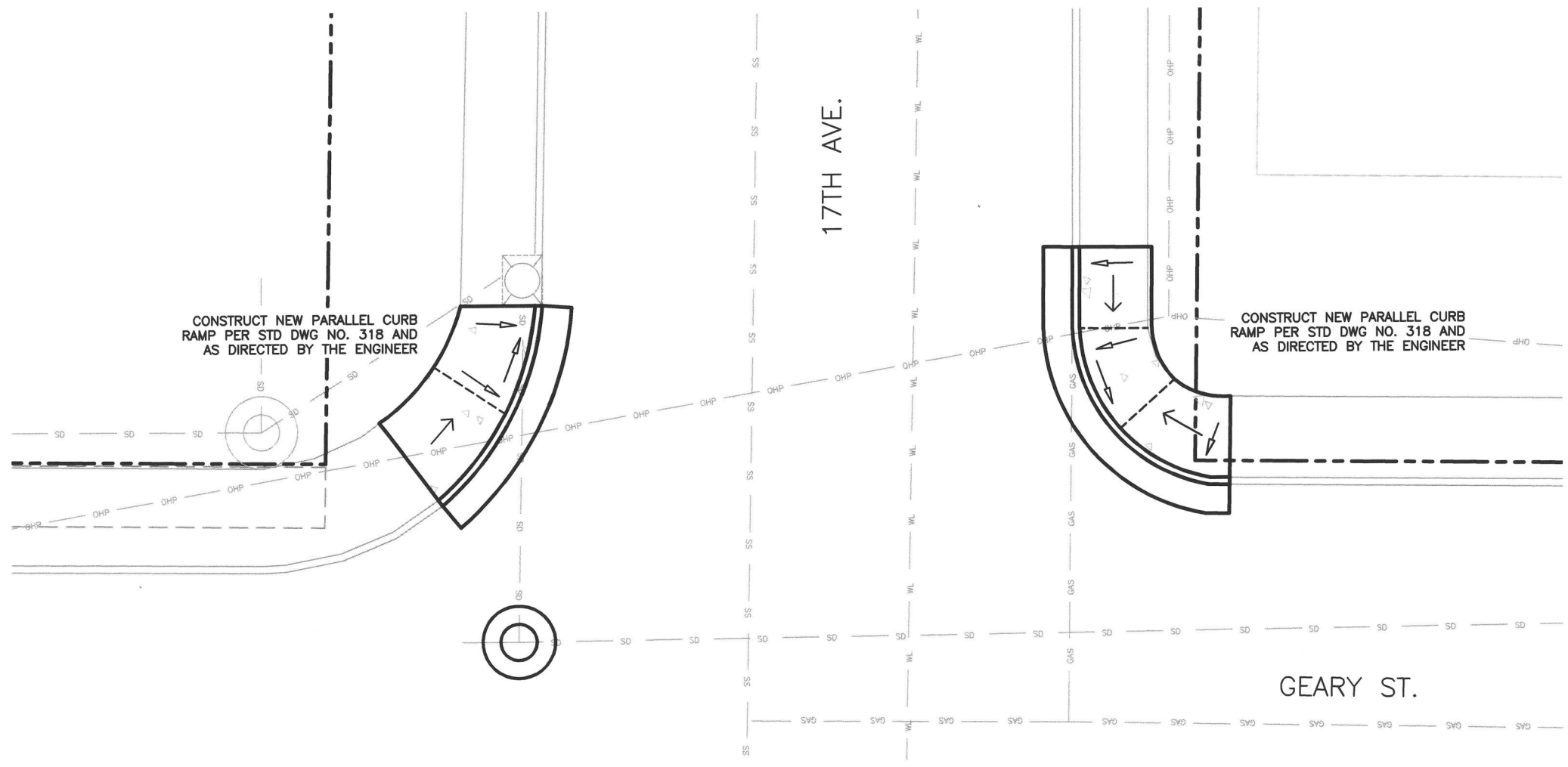
DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	---
	---
	---
	---
	---
	---
	---
	---

**PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
CURB RAMP DETAILS 6**



RENEWS: 12/31/2025  
 SHEET NO. 33 OF 37  
 PROJECT NO: ST-23-03  
 FILE: BASE.DWG



**LEGEND:**

←	<b>CROSS SLOPE &amp; LANDING</b> DESIGN SLOPE 0%–1.5% MAX 2% CONSTRUCTED
<<<	<b>RUNNING SLOPE</b> DESIGN SLOPE 0%–4.5% MAX 5% CONSTRUCTED
←	<b>RAMP SLOPES</b> DESIGN SLOPE 5%–7.5% MAX 8.3% CONSTRUCTED
↙	<b>FLARE SLOPES</b> DESIGN SLOPE 0%–9% MAX 10% CONSTRUCTED
←	<b>DRAINAGE FLOW DIRECTION</b>

- NOTES:**
1. ALL FINISH CONCRETE SURFACING SHALL HAVE A MINIMUM SLOPE OF 0.5% (0.3% FINAL CONSTRUCTED SLOPE) IN AT LEAST ONE DIRECTION TO ALLOW FOR DRAINAGE.
  2. CONTRACTOR SHALL COLLABORATE WITH ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.
  3. TRANSITION PANELS MAY BE NEEDED AT MATCH LOCATIONS TO MEET CROSS SLOPE REQUIREMENTS.

DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	---

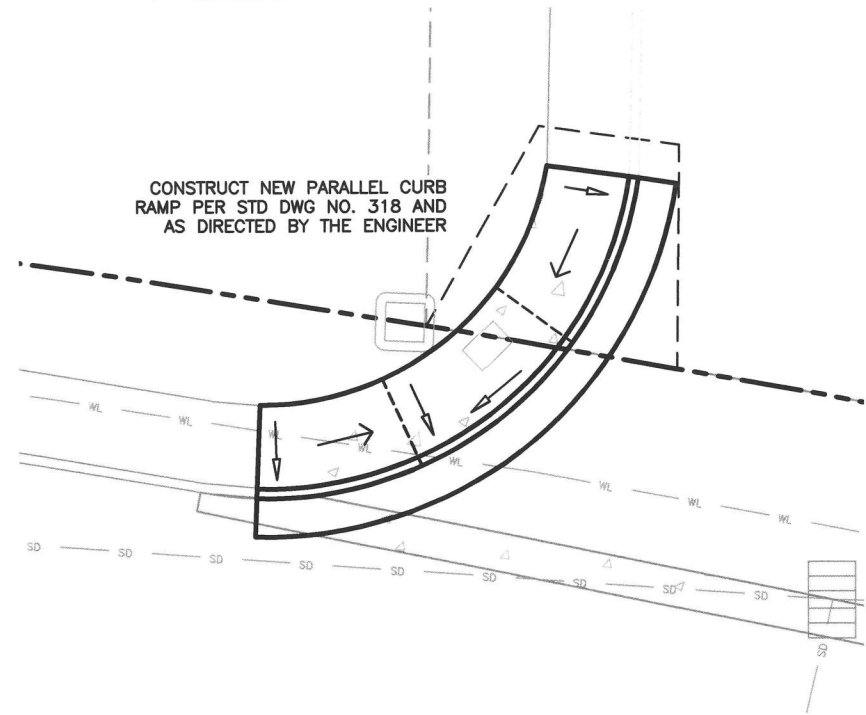
**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**CURB RAMP DETAILS 7**



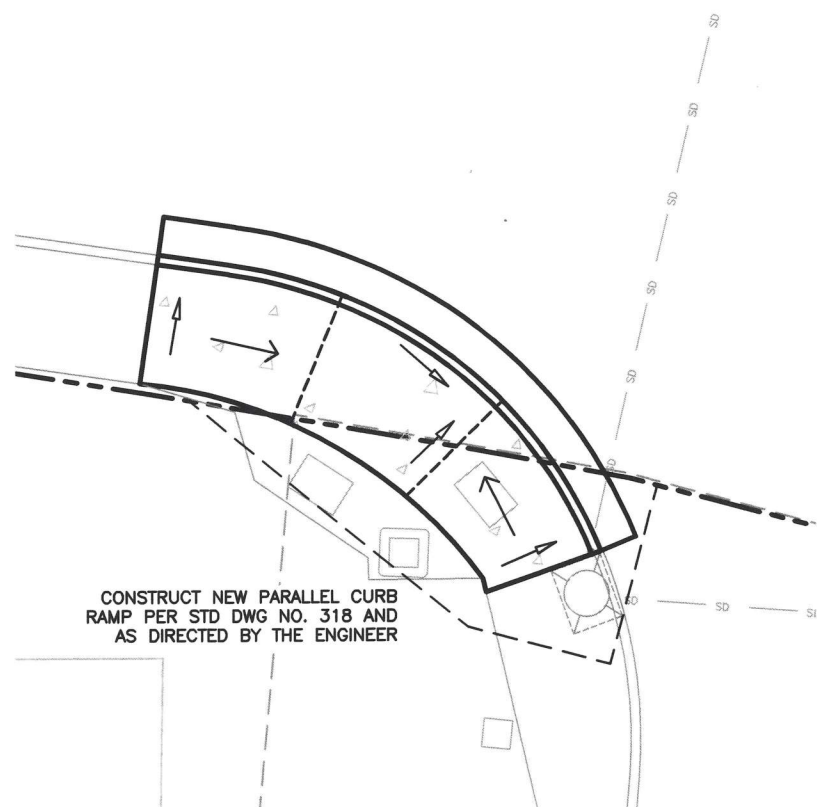
RENEWS: 12/31/2025  
SHEET NO. 34 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG

NW CORNER RAMP DETAIL VIEW



14TH AVE

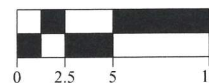
SW CORNER RAMP DETAIL VIEW



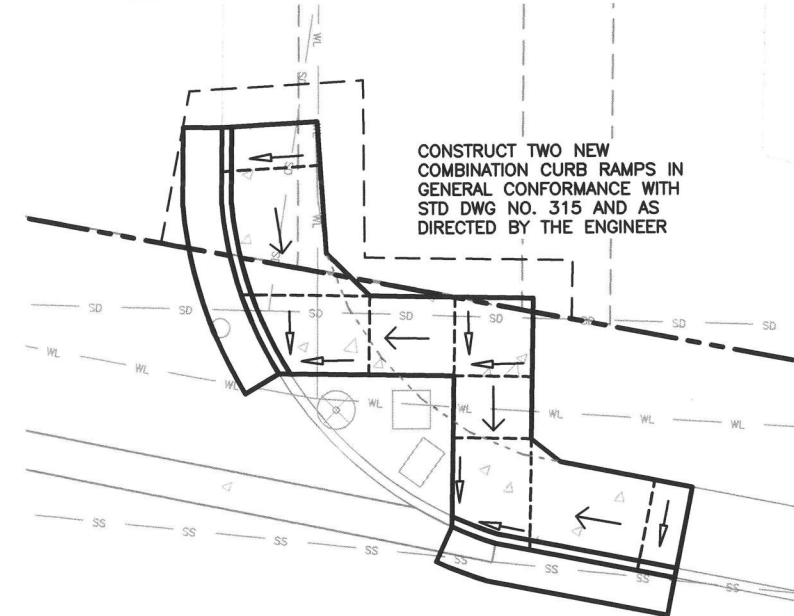
MALL ENTRANCE

**LEGEND:**

- ← CROSS SLOPE & LANDING  
DESIGN SLOPE 0%–1.5%  
MAX 2% CONSTRUCTED
- <<< RUNNING SLOPE  
DESIGN SLOPE 0%–4.5%  
MAX 5% CONSTRUCTED
- ← RAMP SLOPES  
DESIGN SLOPE 5%–7.5%  
MAX 8.3% CONSTRUCTED
- < FLARE SLOPES  
DESIGN SLOPE 0%–9%  
MAX 10% CONSTRUCTED
- ← DRAINAGE FLOW DIRECTION

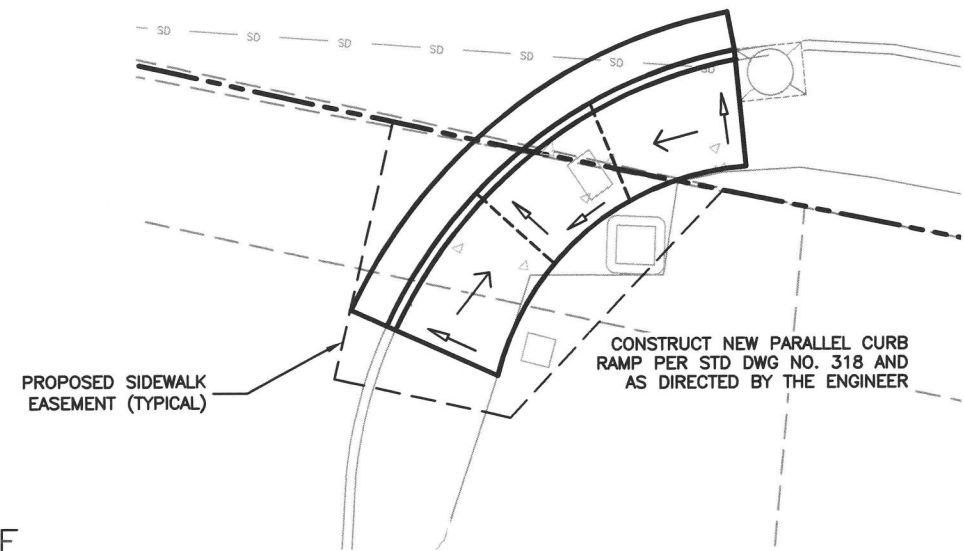


NE CORNER RAMP DETAIL VIEW



14TH AVE

SE CORNER RAMP DETAIL VIEW




SHOPPING CENTER ENTRANCE

**NOTES:**

1. ALL FINISH CONCRETE SURFACING SHALL HAVE A MINIMUM SLOPE OF 0.5% (0.3% FINAL CONSTRUCTED SLOPE) IN AT LEAST ONE DIRECTION TO ALLOW FOR DRAINAGE.
2. CONTRACTOR SHALL COLLABORATE WITH ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.
3. TRANSITION PANELS MAY BE NEEDED AT MATCH LOCATIONS TO MEET CROSS SLOPE REQUIREMENTS.

DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	DATE: ---

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

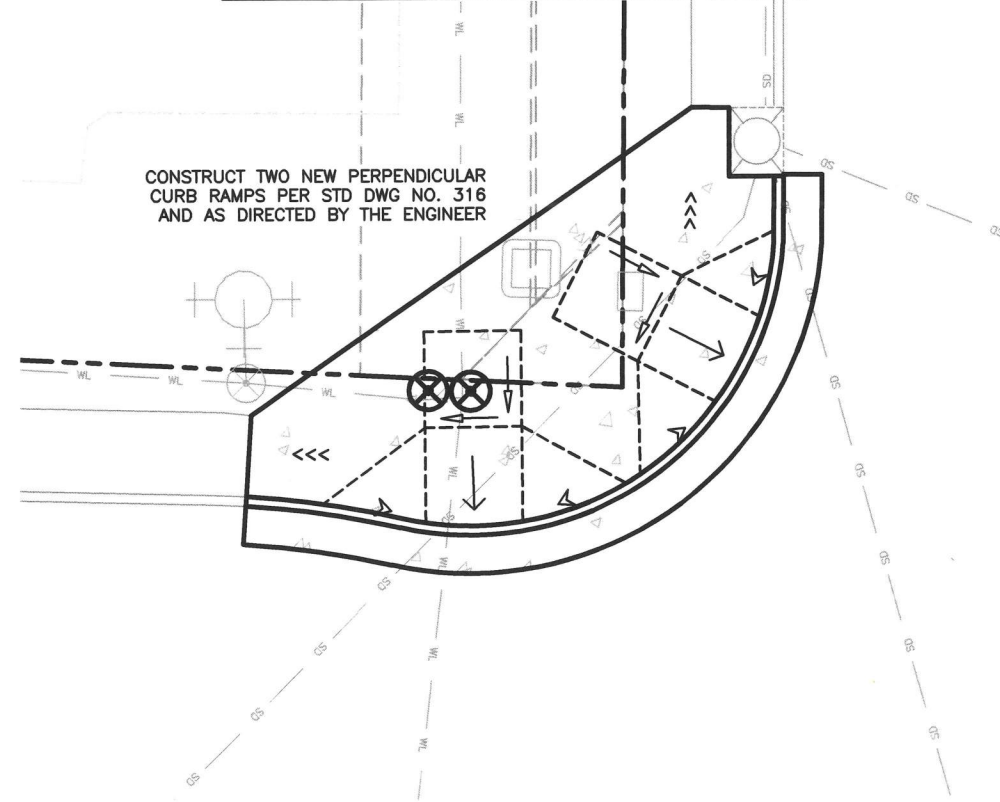


**ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY**  
**CURB RAMP DETAILS 8**

REGISTERED PROFESSIONAL  
ENGINEER  
84992PE  
*Carl Alexander Berg*  
OREGON  
SEPT. 13, 2016  
CARL ALEXANDER BERG

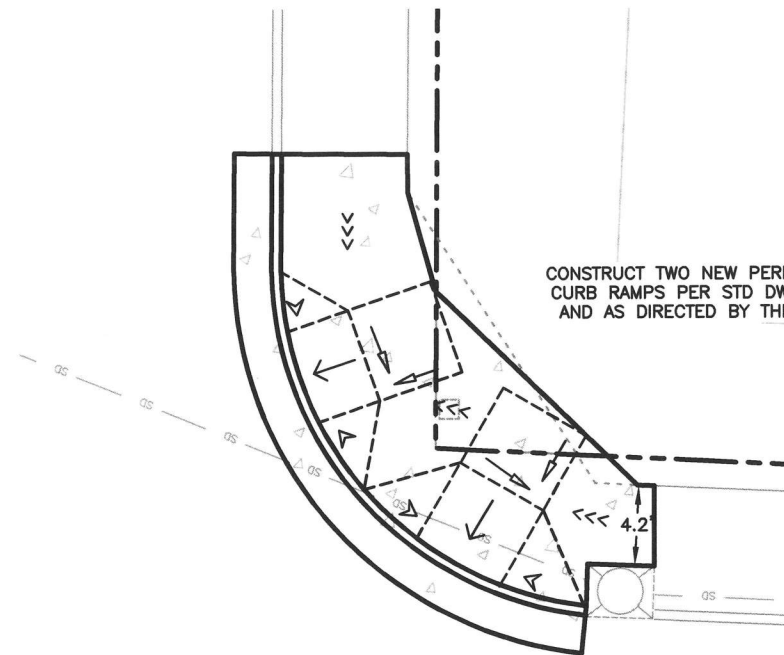
RENEWS: 12/31/2025  
SHEET NO. 35 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG

NW CORNER RAMP DETAIL VIEW

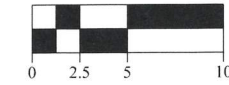


CONSTRUCT TWO NEW PERPENDICULAR CURB RAMP PER STD DWG NO. 316 AND AS DIRECTED BY THE ENGINEER

NE CORNER RAMP DETAIL VIEW



CONSTRUCT TWO NEW PERPENDICULAR CURB RAMP PER STD DWG NO. 316 AND AS DIRECTED BY THE ENGINEER



**LEGEND:**

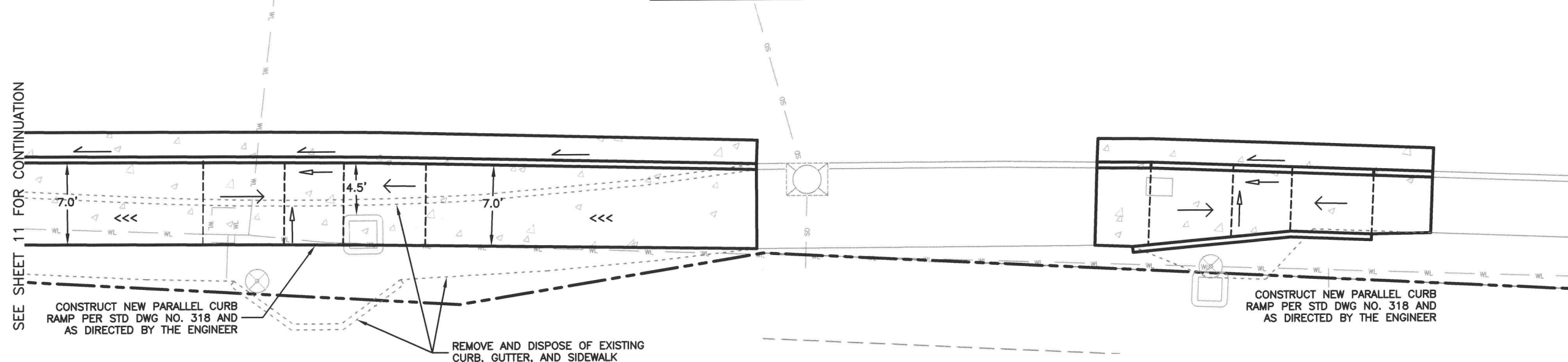
↖	CROSS SLOPE & LANDING DESIGN SLOPE 0%-1.5% MAX 2% CONSTRUCTED
<<<	RUNNING SLOPE DESIGN SLOPE 0%-4.5% MAX 5% CONSTRUCTED
←	RAMP SLOPES DESIGN SLOPE 5%-7.5% MAX 8.3% CONSTRUCTED
↙	FLARE SLOPES DESIGN SLOPE 0%-9% MAX 10% CONSTRUCTED
→	DRAINAGE FLOW DIRECTION

- NOTES:**
1. ALL FINISH CONCRETE SURFACING SHALL HAVE A MINIMUM SLOPE OF 0.5% (0.3% FINAL CONSTRUCTED SLOPE) IN AT LEAST ONE DIRECTION TO ALLOW FOR DRAINAGE.
  2. CONTRACTOR SHALL COLLABORATE WITH ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.
  3. TRANSITION PANELS MAY BE NEEDED AT MATCH LOCATIONS TO MEET CROSS SLOPE REQUIREMENTS.

14TH AVE

14TH AVE

SOUTH CURB RAMP DETAIL VIEW



CONSTRUCT NEW PARALLEL CURB RAMP PER STD DWG NO. 318 AND AS DIRECTED BY THE ENGINEER

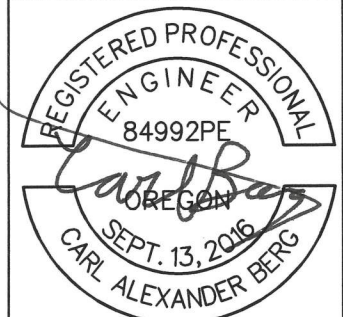
REMOVE AND DISPOSE OF EXISTING CURB, GUTTER, AND SIDEWALK

CONSTRUCT NEW PARALLEL CURB RAMP PER STD DWG NO. 318 AND AS DIRECTED BY THE ENGINEER

DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	---

PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES

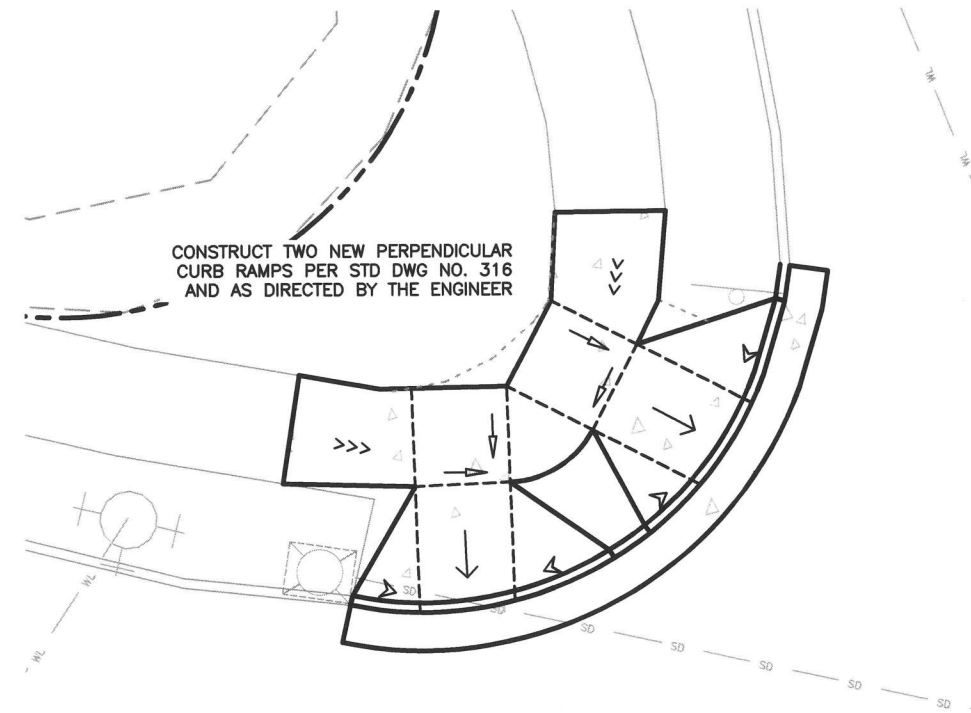
ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
CURB RAMP DETAILS 9



RENEWES: 12/31/2025  
SHEET NO. 36 OF 37  
PROJECT NO: ST-23-03  
FILE: BASE.DWG

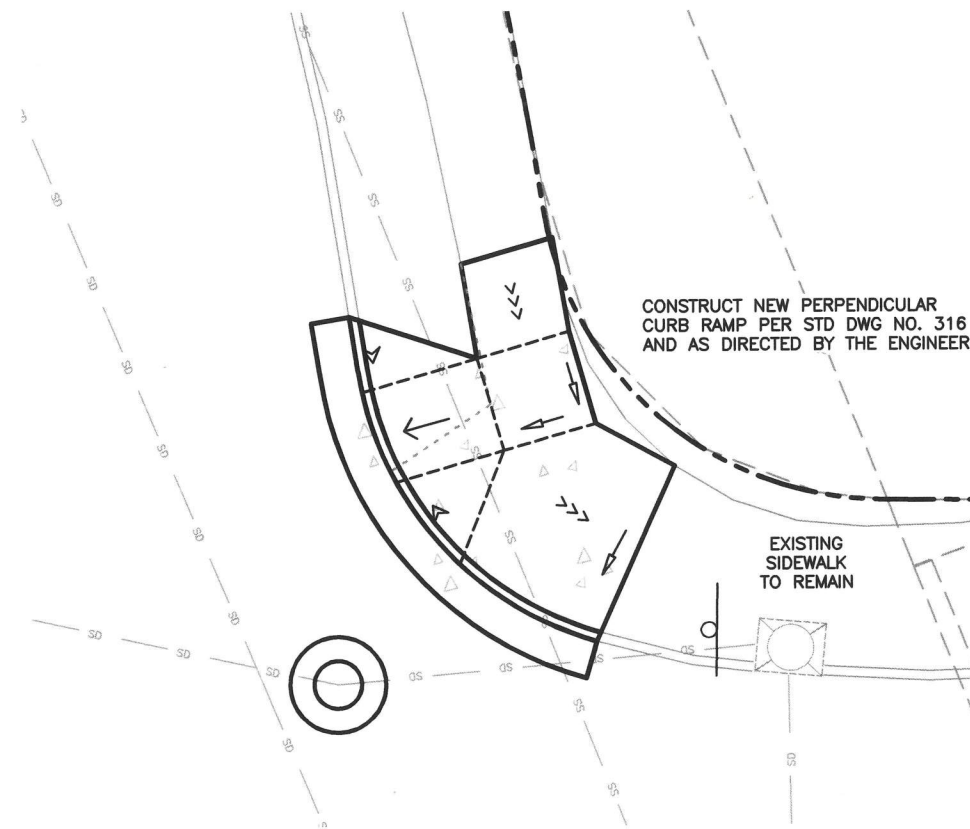
SEE SHEET 11 FOR CONTINUATION

NW CORNER RAMP DETAIL VIEW



SHORTRIDGE ST

NE CORNER RAMP DETAIL VIEW

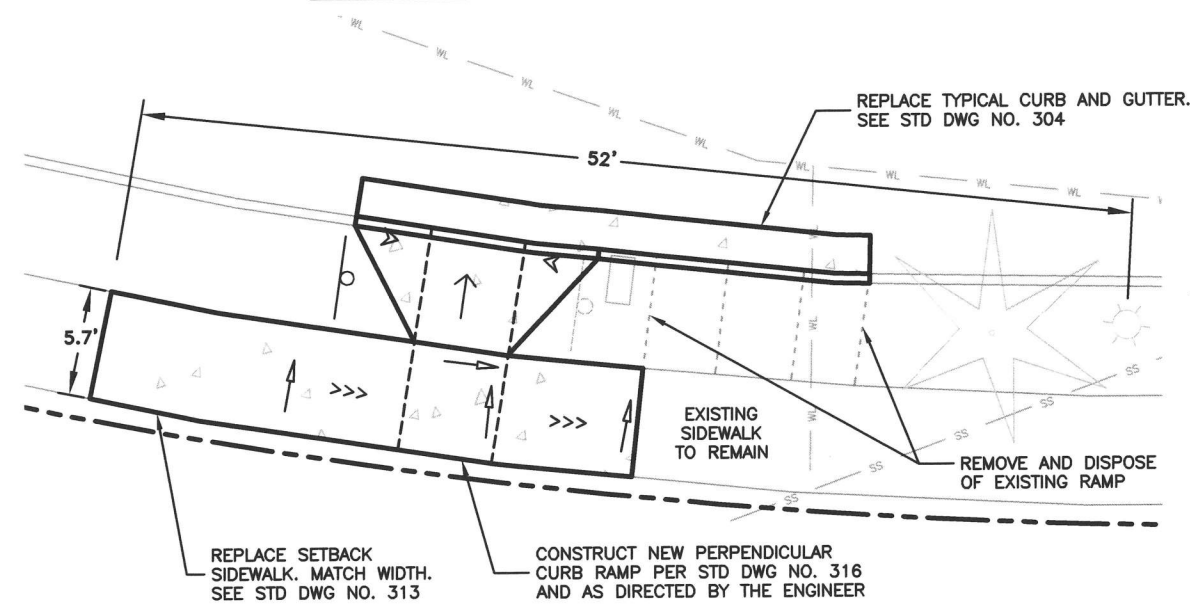


16TH AVE



16TH AVE

SW CORNER RAMP DETAIL VIEW



- NOTES:**
- ALL FINISH CONCRETE SURFACING SHALL HAVE A MINIMUM SLOPE OF 0.5% (0.3% FINAL CONSTRUCTED SLOPE) IN AT LEAST ONE DIRECTION TO ALLOW FOR DRAINAGE.
  - CONTRACTOR SHALL COLLABORATE WITH ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.
  - TRANSITION PANELS MAY BE NEEDED AT MATCH LOCATIONS TO MEET CROSS SLOPE REQUIREMENTS.

**LEGEND:**

←	CROSS SLOPE & LANDING DESIGN SLOPE 0%-1.5% MAX 2% CONSTRUCTED
<<<	RUNNING SLOPE DESIGN SLOPE 0%-4.5% MAX 5% CONSTRUCTED
←	RAMP SLOPES DESIGN SLOPE 5%-7.5% MAX 8.3% CONSTRUCTED
<	FLARE SLOPES DESIGN SLOPE 0%-9% MAX 10% CONSTRUCTED
←	DRAINAGE FLOW DIRECTION

DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 3/14/2024	---

PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES

ST-23-03, 14TH / GEARY / CLAY GRIND-INLAY  
CURB RAMP DETAILS 10



RENEWS: 12/31/2025

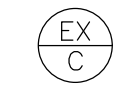
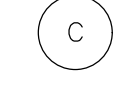

SHEET NO. 37 OF 37

PROJECT NO: ST-23-03







FILE: BASE.DWG

# LEGEND




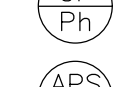
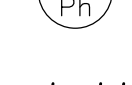
## CONTROLLERS

-  RETAIN AND PROTECT EXISTING TRAFFIC SIGNAL CONTROLLER CABINET
-  CONTROLLER CABINET (SEE SIGNAL PLAN)
-  RETAIN AND PROTECT EXISTING TERMINAL CABINET



## POLES

-  RETAIN AND PROTECT EXISTING TRAFFIC SIGNAL MAST ARM
-  RETAIN AND PROTECT EXISTING MAST ARM POLE
-  RETAIN AND PROTECT EXISTING TRAFFIC SIGNAL MAST ARM POLE WITH LUMINAIRE EXTENSION
-  RETAIN AND PROTECT EXISTING PEDESTRIAN SIGNAL PEDESTAL
-  REMOVE EXISTING PEDESTRIAN SIGNAL PEDESTAL
-  INSTALL PEDESTRIAN SIGNAL PEDESTAL WITH FRANGIBLE BASE

## SIGNALS

-  RETAIN AND PROTECT EXISTING (Ph=PHASE) VEHICLE SIGNAL
-  REMOVE EXISTING PEDESTRIAN SIGNAL, PUSHBUTTON, AND INSTRUCTION SIGN
-  INSTALL PHASE (Ph=phase) COUNTDOWN PEDESTRIAN SIGNAL WITH AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTON
-  INSTALL PHASE (Ph=phase) COUNTDOWN PEDESTRIAN
-  INSTALL PHASE (Ph=phase) AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTON







## JUNCTION BOXES

-  RETAIN AND PROTECT EXISTING JUNCTION BOX
-  INSTALL 6" MAX. SAND POCKET BLOCK-OUT WITH (S=SIZE) INCH CONDUIT TO JUNCTION BOX




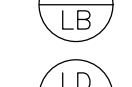
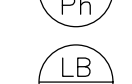


## FIRE PREEMPTION

-  RETAIN AND PROTECT EXISTING FIRE PREEMPTION DETECTOR UNIT


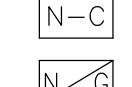

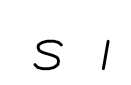
## CONDUITS

-  RETAIN AND PROTECT EXISTING (S=SIZE WHEN SHOWN) INCH ELECTRICAL CONDUIT
-  RETAIN AND PROTECT EXISTING (S=SIZE WHEN SHOWN) INCH DETECTOR CONDUIT
-  ABANDON EXISTING (S=SIZE WHEN SHOWN) INCH CONDUIT
-  DETECTOR CONDUIT (SEE DETECTOR PLAN)
-  ELECTRICAL CONDUIT (SEE SIGNAL PLAN)
-  INSTALL SIZE (S=size) INCH CONDUIT

## DETECTION

-  RETAIN AND PROTECT EXISTING VEHICLE DETECTOR LOOP
-  RETAIN AND PROTECT EXISTING BICYCLE DETECTOR LOOP
-  ABANDON EXISTING VEHICLE DETECTOR LOOP
-  REMOVE EXISTING BICYCLE DETECTOR LOOP
-  INSTALL VEHICLE DETECTION LOOP (Ph=PHASE)
-  INSTALL BICYCLE DETECTION LOOP (Ph=PHASE)
-  INSTALL (N=NUMBER) LOOP WIRES

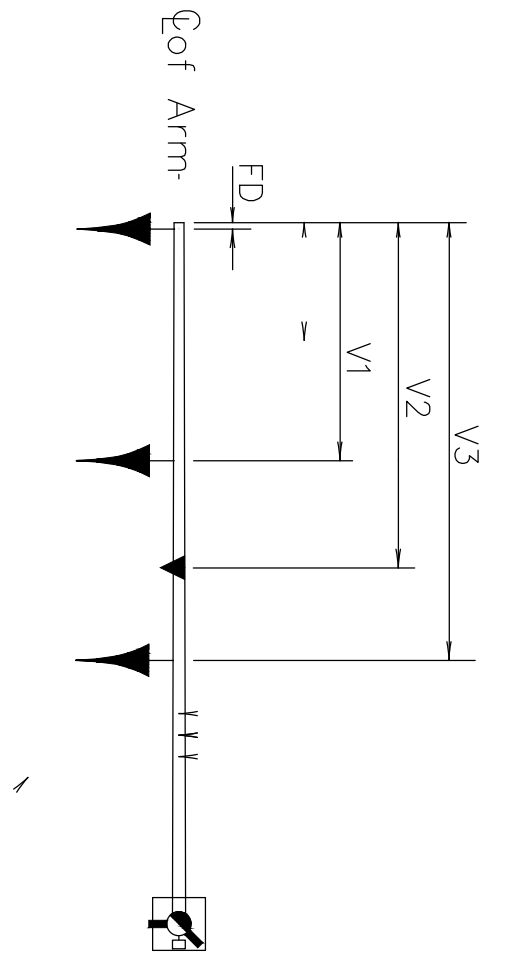
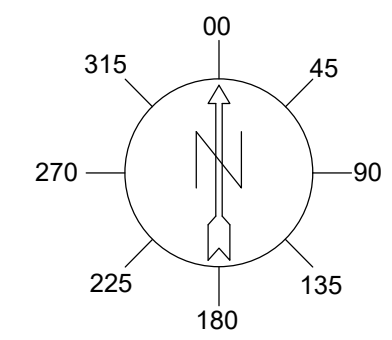
## WIRES & CABLES

-  RETAIN AND PROTECT EXISTING WIRING
-  INSTALL (N) NO. 8 TYPE THWN (SIGNAL SYSTEM COMMON)
-  INSTALL (N) NO. (G) TYPE THWN WIRES
-  INSTALL (X=NUMBER) (Ph=PHASE) LOOP FEEDER CABLES

## SIGNS

-  RETAIN AND PROTECT EXISTING INTERIOR ILLUMINATED SIGN

## ORIENTATION DIAGRAM



**lancaster  
moble**  
321 SW 4th Avenue  
Portland, OR 97204  
(503)-248-0313  
lancastermoble.com



REVISIONS	Rev:	By:	Rev:	By:	Rev:	By:

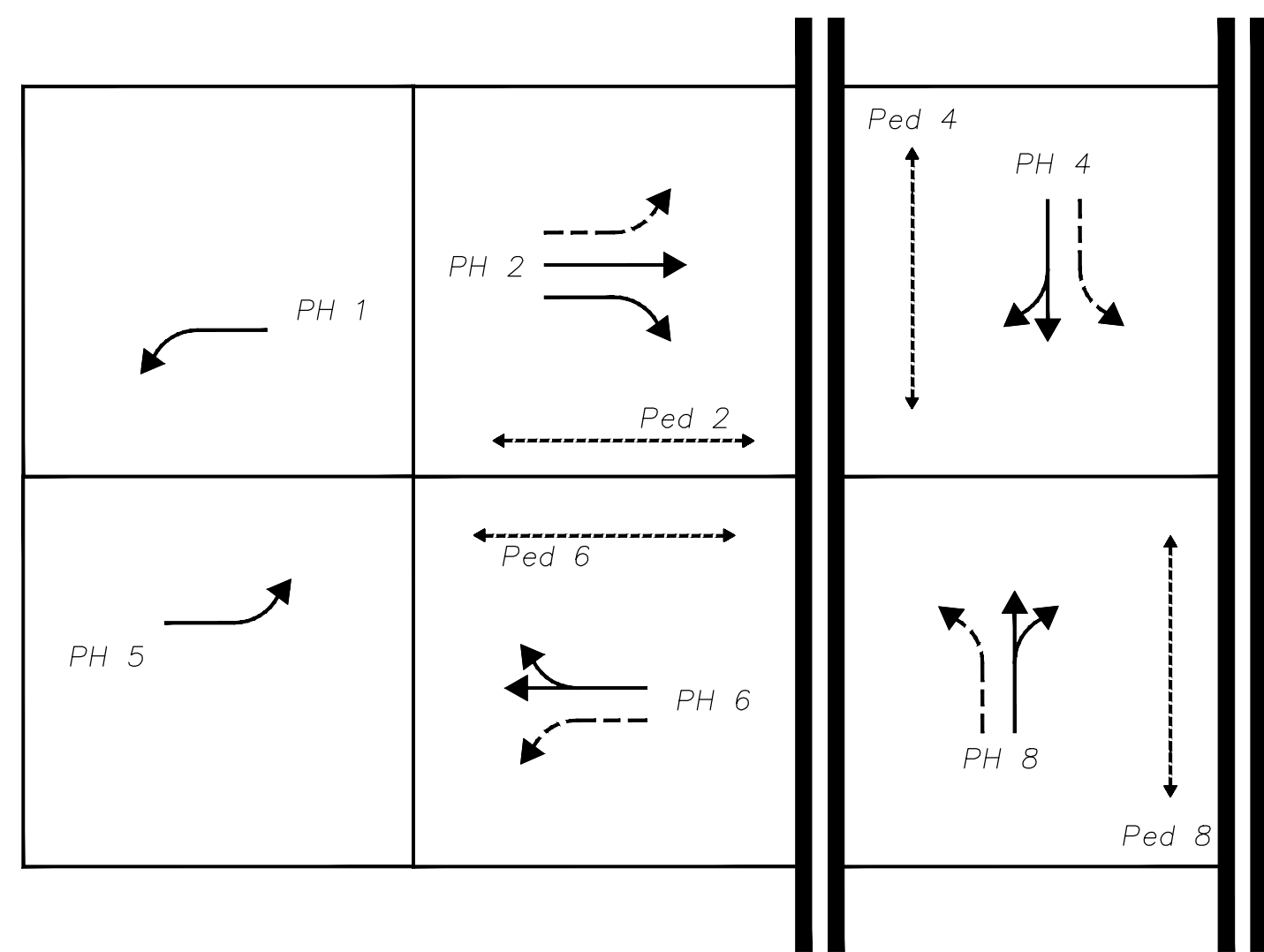
# ALBANY SIGNAL UPGRADES SIGNAL AND DETECTION NOTATION LEGEND

Albany, Oregon

Job No. 23054  
Designed By: JLH  
Drawn By: JLH  
Checked By: TEM  
Date: 3/15/2024

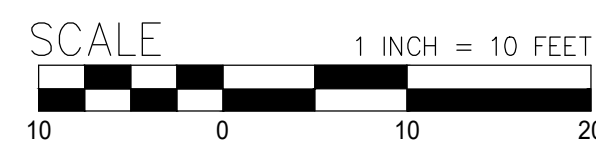
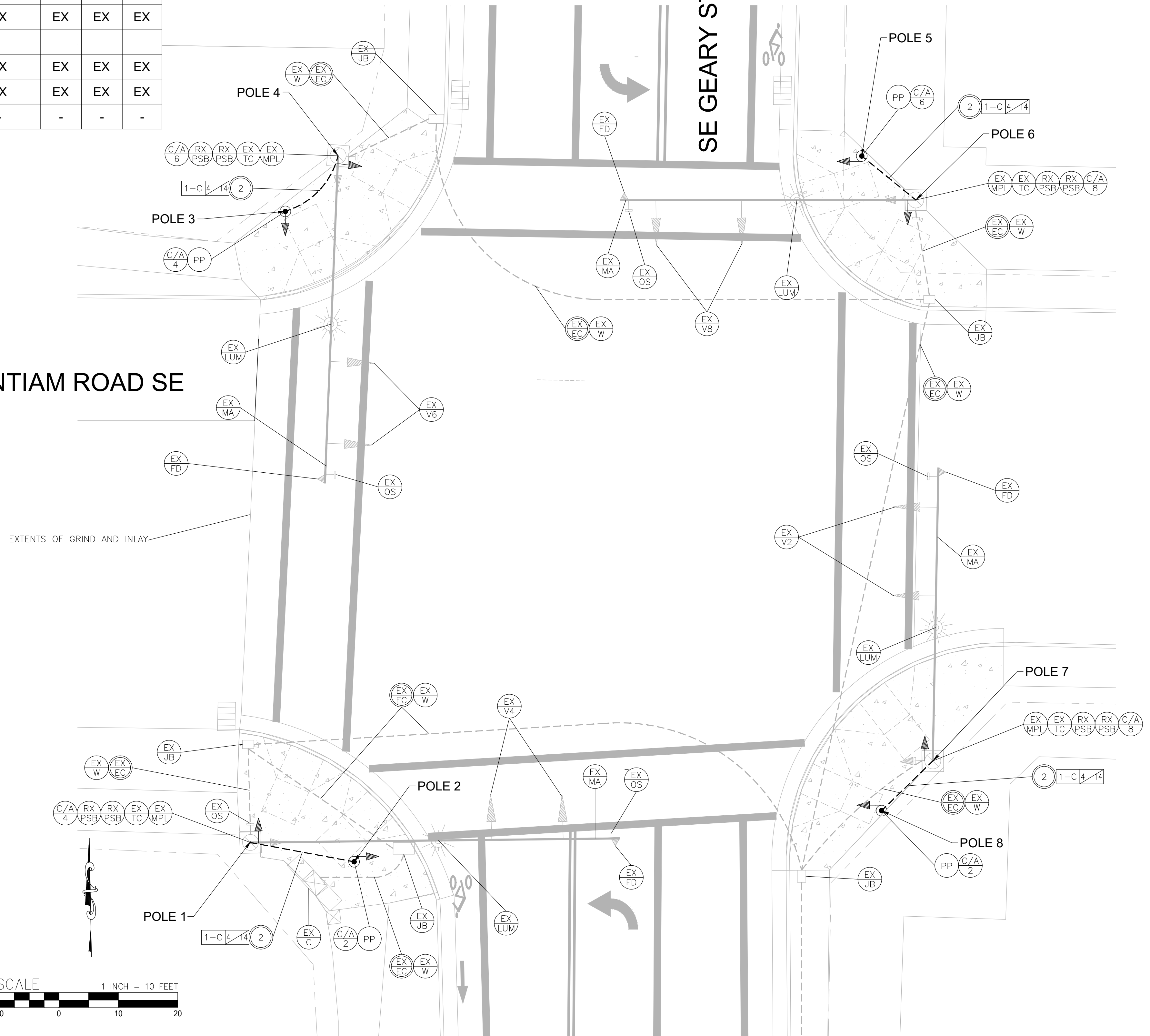
SEE TM457 THRU TM650		EQUIPMENT ON POLE					EQUIPMENT ON MAST ARM DISTANCE FROM THE END OF MAST ARM				
POLE NO.	TYPE	MAST ARM ORIENTATION	LUMINAIRE ORIENTATION	TERM CABINET DEGREE	PED PUSHBUTTON DEGREE	PED SIGNAL DEGREE	ARM LENGTH	FIRE PREEMPTION	V1	V2	V3
1	MPL	EX	EX	EX	90	90	EX	EX	EX	EX	EX
2	PP	-	-	-	0	0	-	-	-	-	-
3	PP				90	90					
4	MPL	EX	EX	EX	180	180	EX	EX	EX	EX	EX
5	PP				180	180					
6	MPL	EX	EX	EX	270	270	EX	EX	EX	EX	EX
7	MPL	EX	EX	EX	270	270	EX	EX	EX	EX	EX
8	PP	-	-	-	0	0	-	-	-	-	-

NORMAL PHASE ROTATION DIAGRAM



SANTIAM ROAD SE

SE GEARY STREET



lanaster mobley

321 SW 4th Avenue  
Portland, OR 97204  
(503)-248-0313  
lanastermobley.com



EXPIRES 12/31/2024

REVISIONS

Rev:	By:	Des:

**ALBANY SIGNAL UPGRADES**  
**SANTIAM RD AT GEARY ST**  
Signal Modification Plan  
Albany, Oregon

Job No. 23054  
Designed By: JLH  
Drawn By: JLH  
Checked By: TEM  
Date: 3/15/2024

**T2**



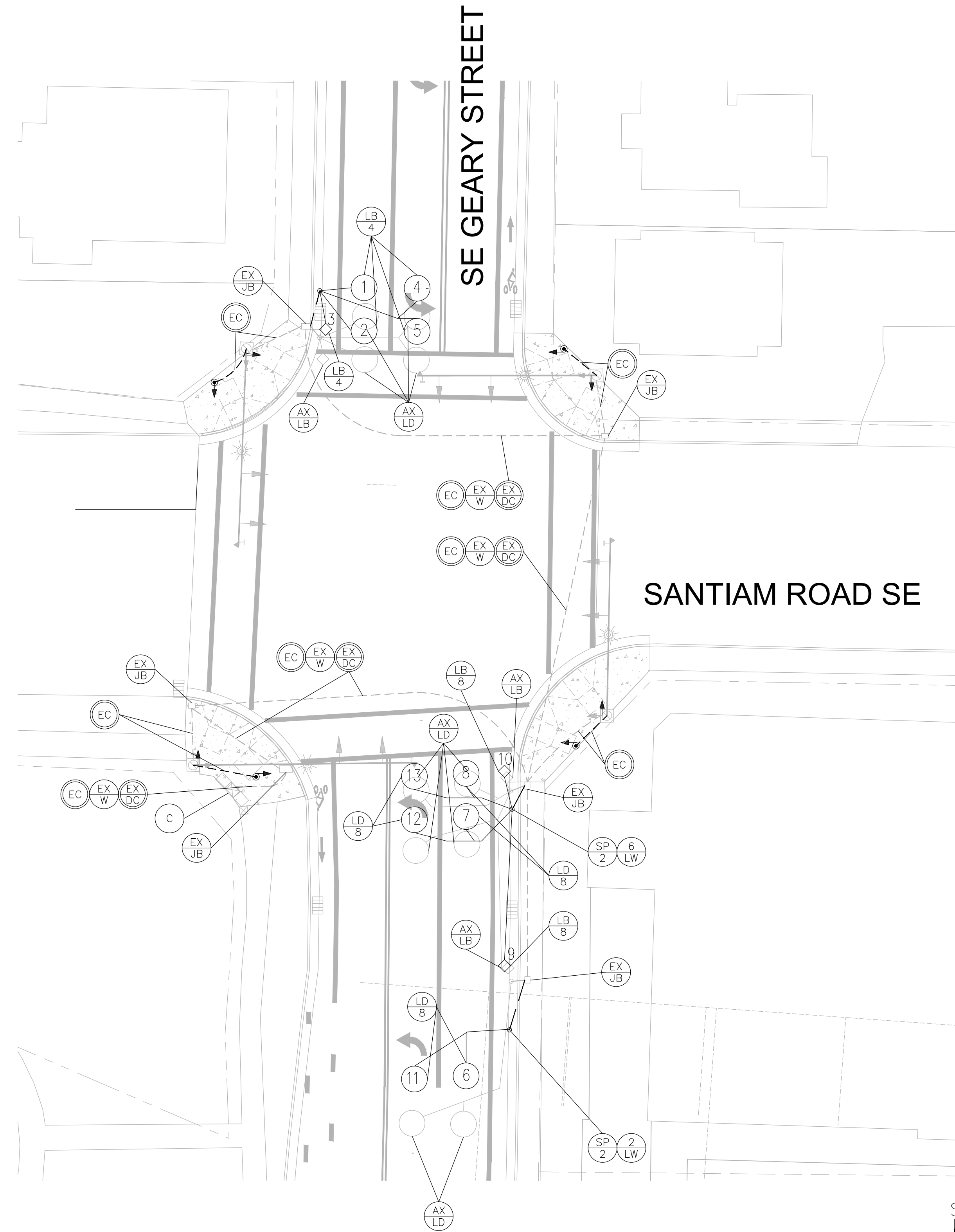
lancaster  
mobley

321 SW 4th Avenue  
Portland, OR 97204  
(503)-248-0313  
lancastermobley.com



EXPIRES 12/31/2024

REVISIONS	Rev:	By:



**ALBANY SIGNAL UPGRADES  
SANTIAM RD AT GEARY ST**  
Detection Modification Plan  
*Albany, Oregon*

Job No. 23054  
Designed By: JLH  
Drawn By: JLH  
Checked By: TEM  
Date: 3/15/2024

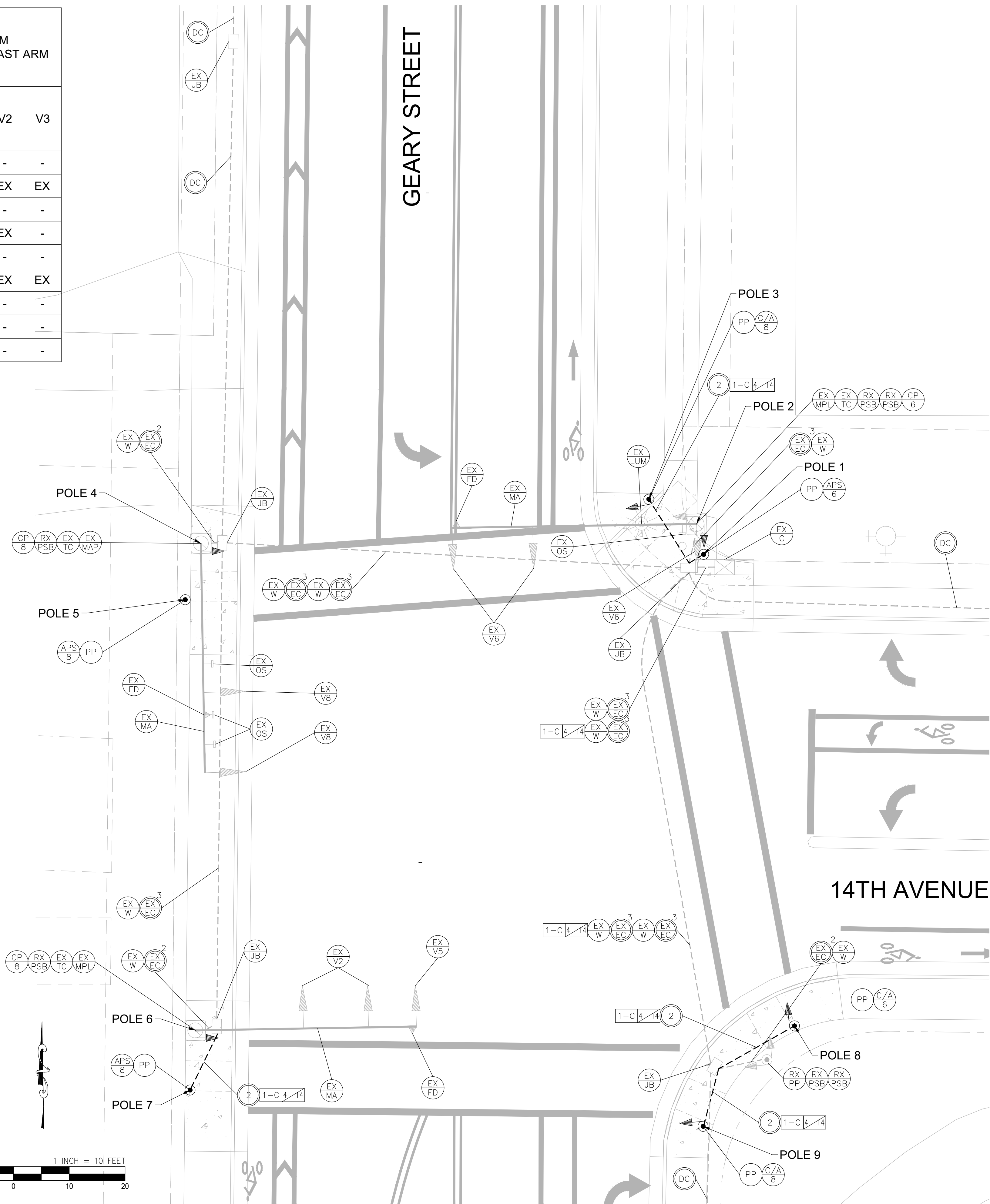
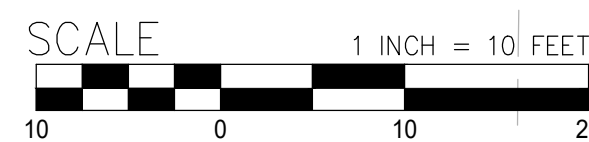
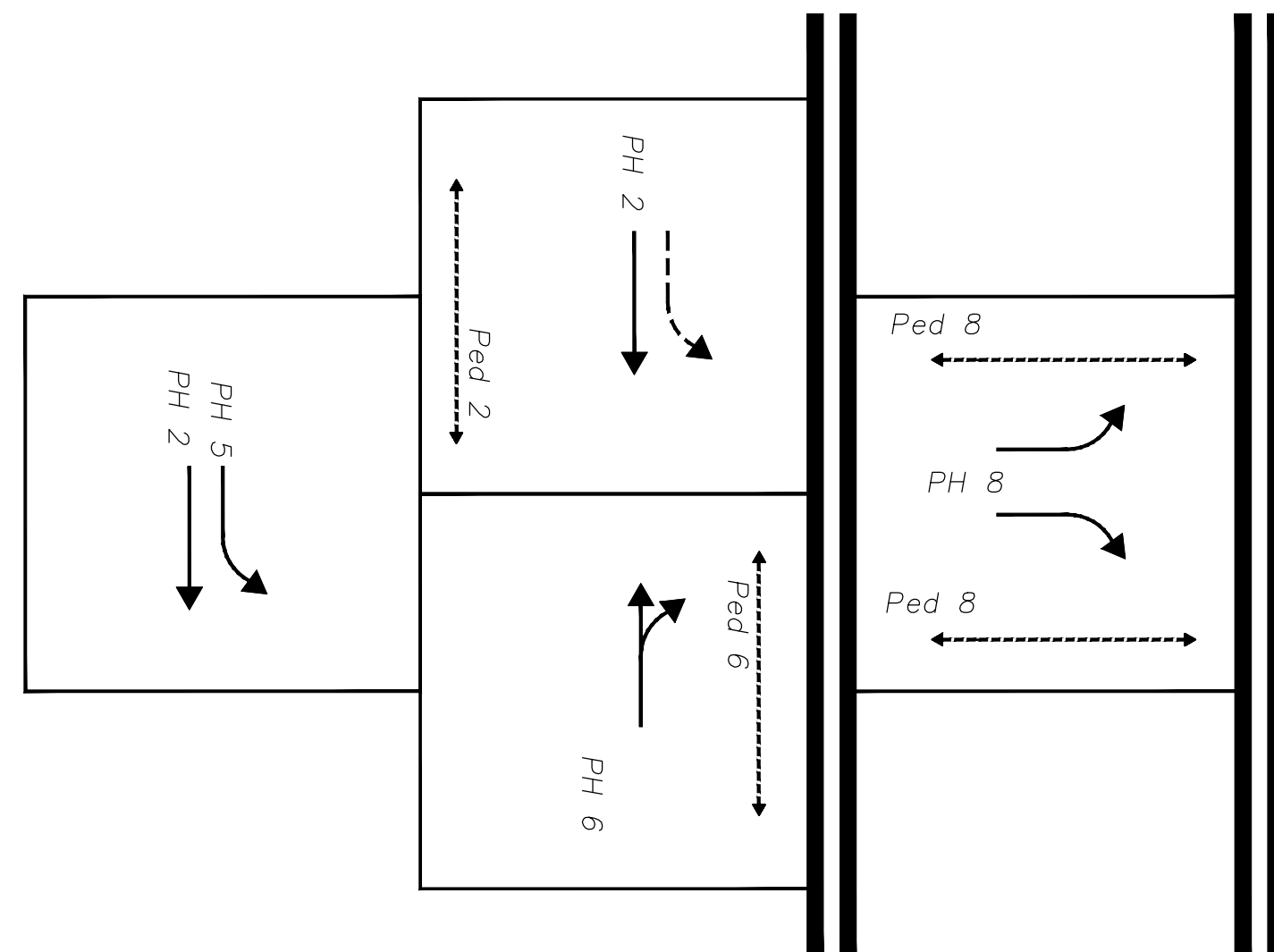
**T3**



POLE ENTRANCE CHART

POLE NO.	TYPE	EQUIPMENT ON POLE					EQUIPMENT ON MAST ARM DISTANCE FROM THE END OF MAST ARM				
		MAST ARM ORIENTATION	LUMINAIRE ORIENTATION	TERM CABINET DEGREE	PED PUSHBUTTON DEGREE	PED SIGNAL DEGREE	ARM LENGTH	FIRE PREEMPTION	V1	V2	V3
1	PP	-	-	-	270	270	-	-	-	-	-
2	MPL	EX	EX	EX	-	-	EX	EX	EX	EX	EX
3	PP	-	-	-	180	180	-	-	-	-	-
4	MAP	EX	-	EX	-	180	EX	-	EX	EX	-
5	PP	-	-	-	180	-	-	-	-	-	-
6	MPL	EX	EX	EX	-	180	EX	-	EX	EX	EX
7	PP	-	-	-	180	-	-	-	-	-	-
8	PP	-	-	-	0	0	-	-	-	-	-
9	PP	-	-	-	90	90	-	-	-	-	-

NORMAL PHASE ROTATION DIAGRAM



**lancaster  
moble**

321 SW 4th Avenue  
Portland, OR 97204  
(503)-248-0313  
lancastermoble.com



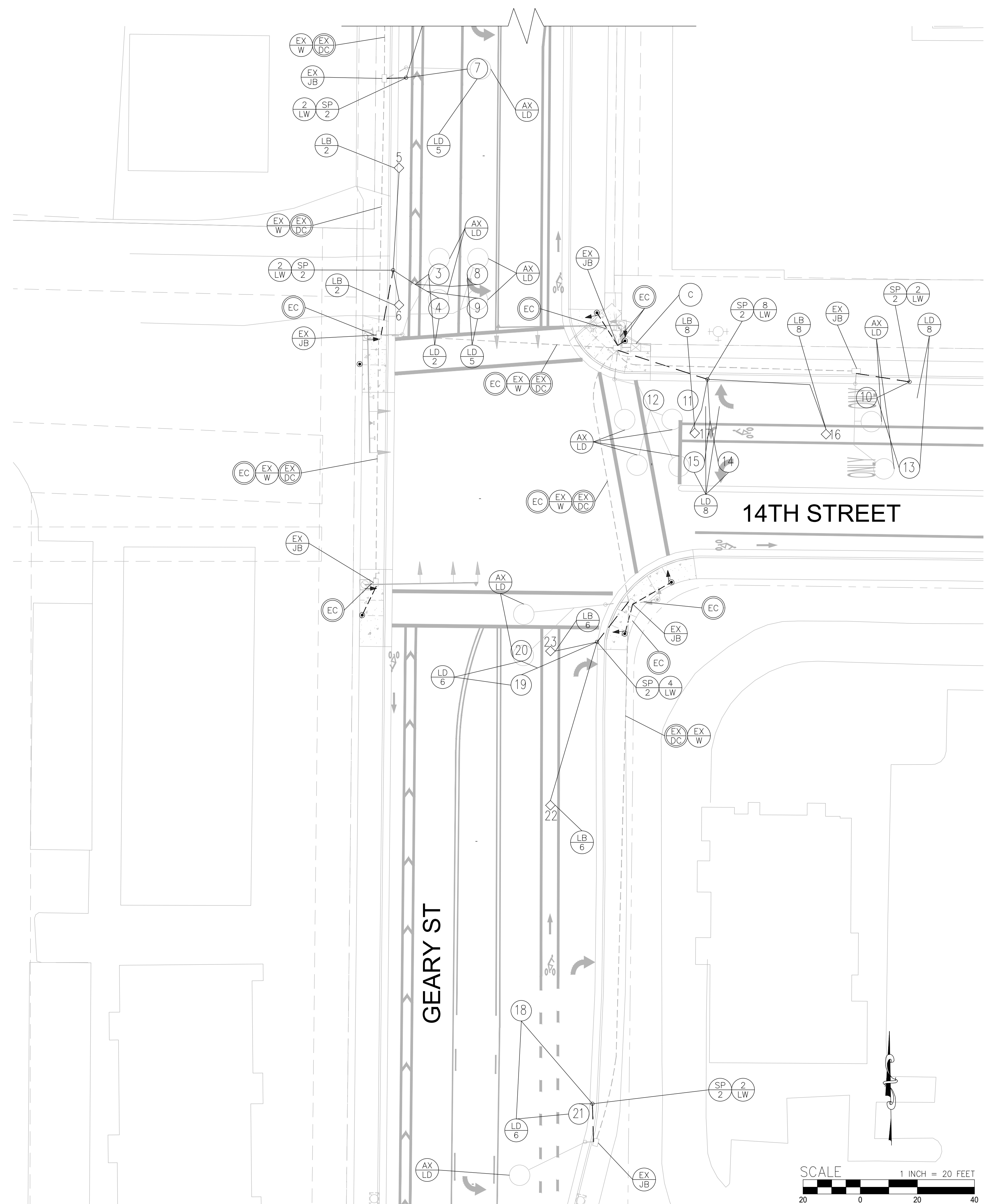
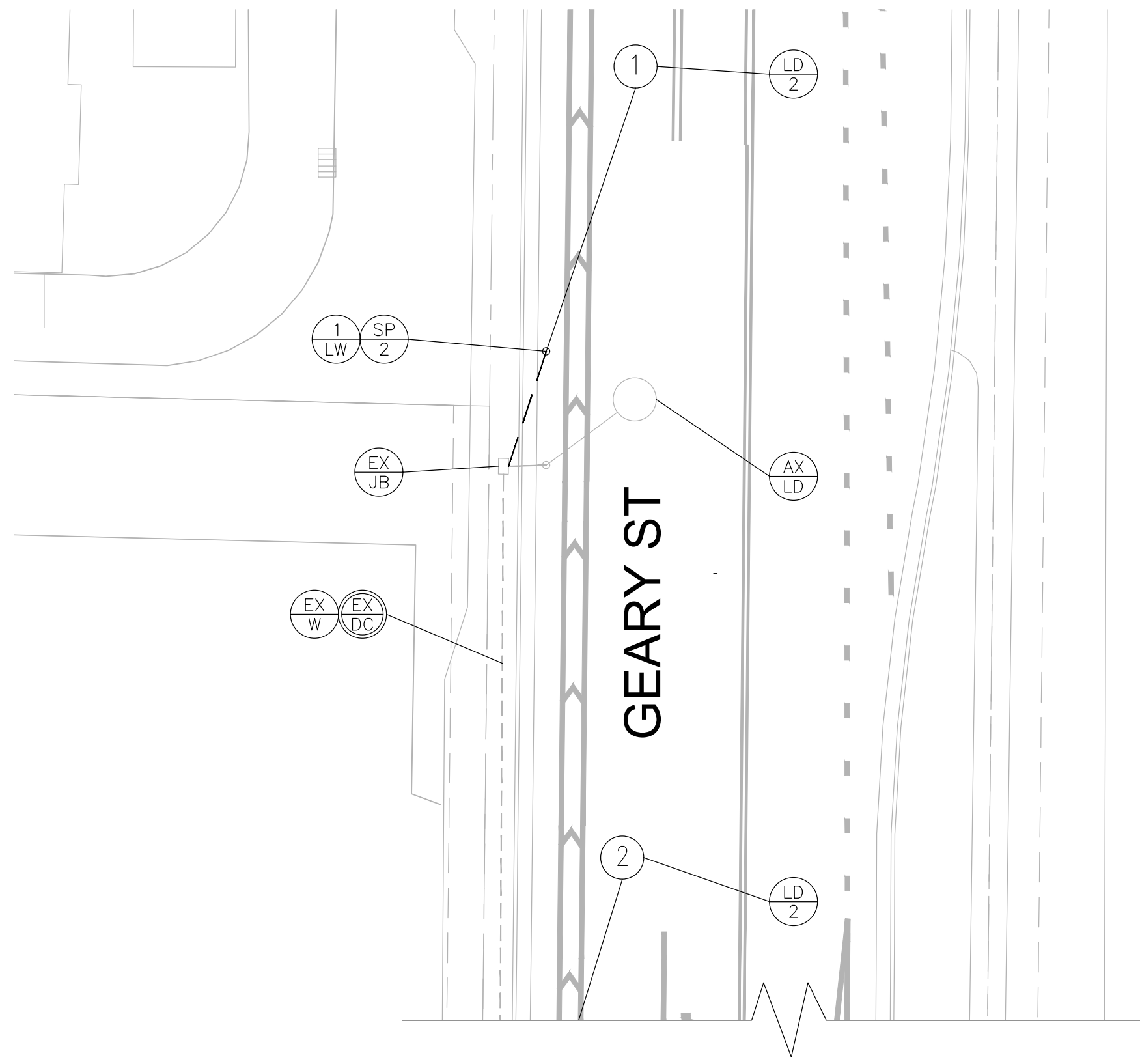
EXPIRES 12/31/2024

REVISIONS	By:	By:	By:
Rev:			
Des:			
Rev:			
Des:			

**ALBANY SIGNAL UPGRADES  
14TH AVE AT GEARY ST**  
Signal Modification Plan  
Albany, Oregon

Job No. 23054  
Designed By: JLH  
Drawn By: JLH  
Checked By: TEM  
Date: 3/15/2024

**T4**



LOOP/RADAR WIRING DIAGRAM

LOOP #	DISTANCE (FEET)	PHASE	FUNCTION	SLOT
1	220	2	E, CT, CO	I2U
2	110	2	E, CT, CO	I2L
3	15	2	E, CT, C	I3U
4	5	2	E, CT, C	I3U
5	50	2	E, CT, C	I3U
6	5	2	E, CT, C	I3U
7	75	5	E, CT, C	J1U
8	15	5	E, CT, C	J9U
9	5	5	E, CT, C	J9U
10	75	8	E, CT, C	J1U
11	15	8	E, CT, C	J9U
12	5	8	E, CT, C	J1U
13	75	8	E, CT, C	J1U
14	15	8	E, CT, C	J9U
15	5	8	E, CT, C	J9U
16	50	8	E, CT, C	I3U
17	5	8	E, CT, C	I3U
18	110	6	E, CT, CO	I2L
19	15	6	E, CT, C	I3U
20	5	6	E, CT, C	I3U
21	140	6	E, CT, CO	I2L
22	50	6	E, CT, C	I3U
23	5	6	E, CT, C	I3U



**lancaster  
moble**

321 SW 4th Avenue  
Portland, OR 97204  
(503)-248-0313  
lancastermoble.com



EXPIRES 12/31/2024

REVISIONS	By:
Rev:	By:
Des:	By:
Rev:	By:
Des:	By:

**ALBANY SIGNAL UPGRADES  
14TH AVE AT GEARY ST**  
Detection Modification Plan  
Albany, Oregon

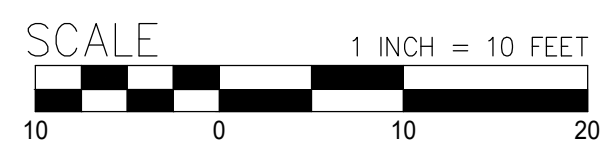
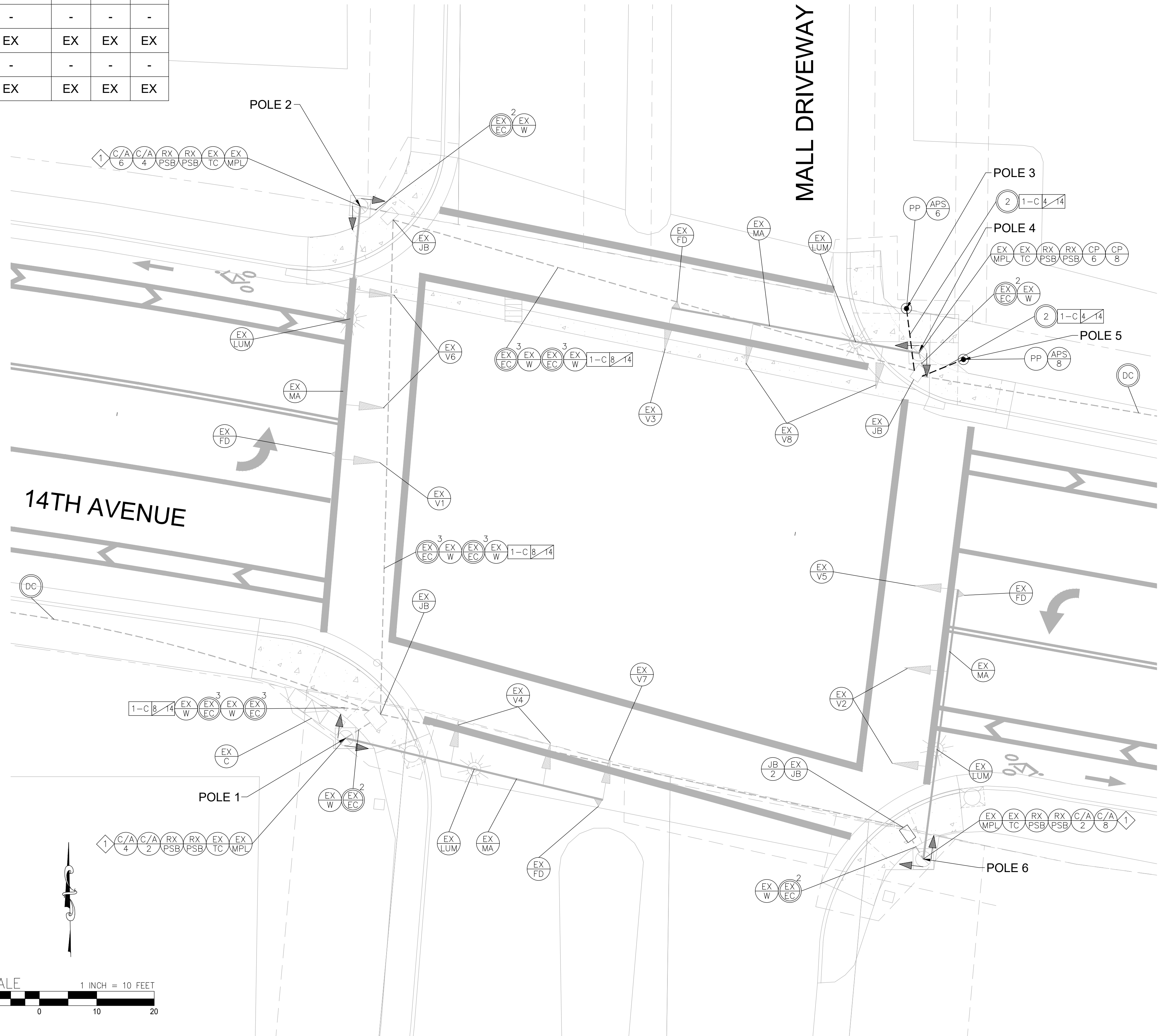
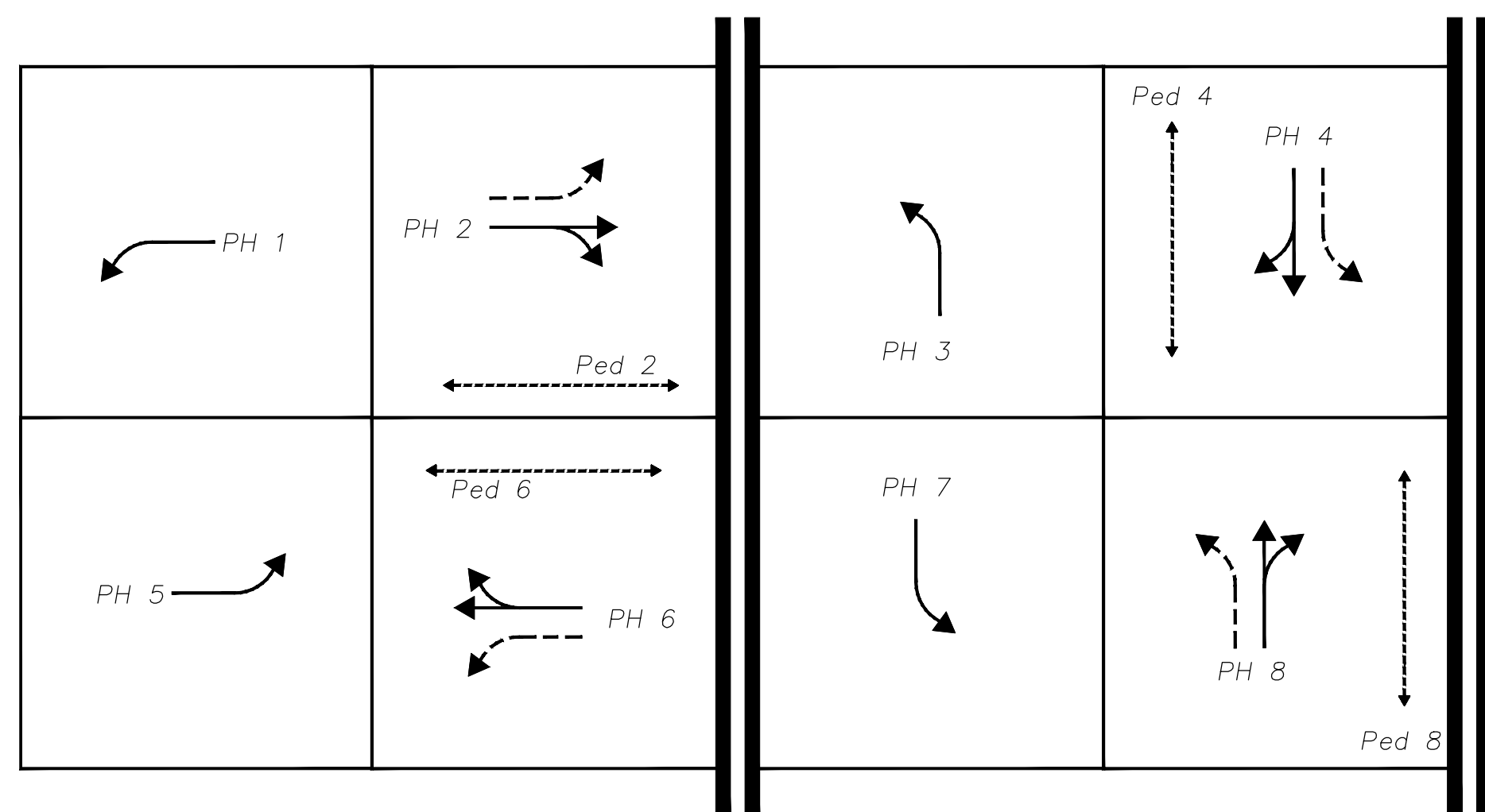
Job No. 23054  
Designed By: JLH  
Drawn By: JLH  
Checked By: TEM  
Date: 3/15/2024

POLE NO.	TYPE	EQUIPMENT ON POLE					EQUIPMENT ON MAST ARM DISTANCE FROM THE END OF MAST ARM				
		MAST ARM ORIENTATION	LUMINAIRE ORIENTATION	TERM CABINET DEGREE	PED PUSHBUTTON DEGREE	PED SIGNAL DEGREE	ARM LENGTH	FIRE PREEMPTION	V1	V2	V3
1	MAP	EX	-	EX	0	180	EX	EX	EX	EX	EX
2	MAP	EX	-	EX	90, 180	90, 180	EX	EX	EX	EX	EX
3	PP	-	-	-	180	-	-	-	-	-	-
4	MAP	EX	-	EX	-	180, 270	EX	EX	EX	EX	EX
5	PP	-	-	-	270	-	-	-	-	-	-
6	MAP	EX	-	EX	0, 270	0, 270	EX	EX	EX	EX	EX

CONSTRUCTION NOTES

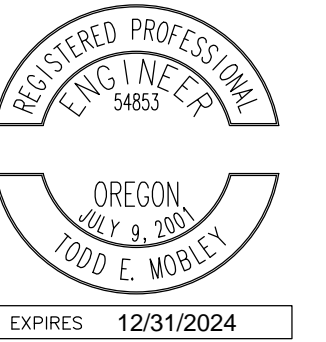
◀ AUDIBLE MESSAGE TO INCLUDE ROADWAY CROSSING NAME

NORMAL PHASE ROTATION DIAGRAM



lancaster  
moble

321 SW 4th Avenue  
Portland, OR 97204  
(503)-248-0313  
lancastermoble.com



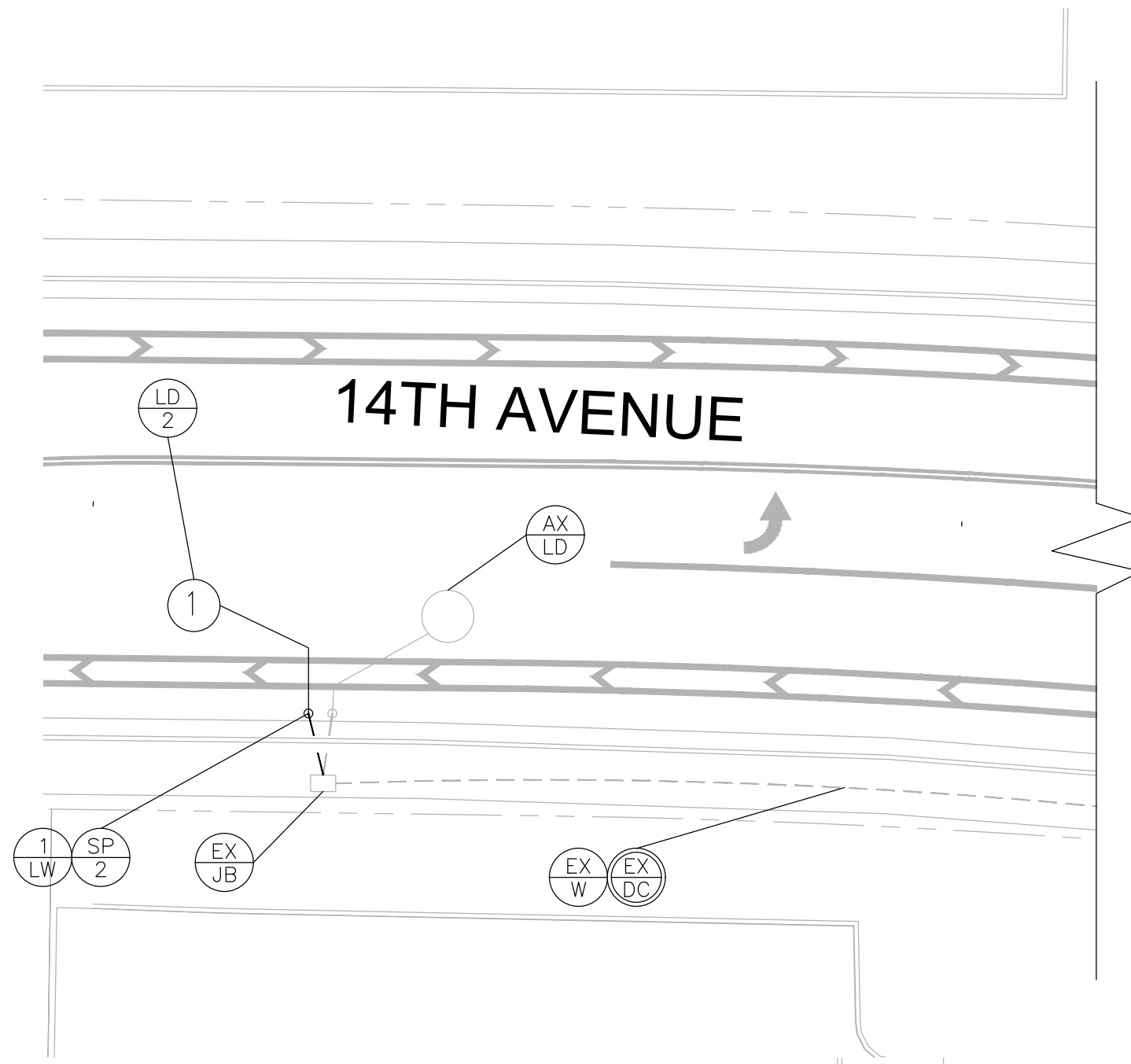
REVISIONS

Rev:	By:
Des:	By:
Rev:	By:
Des:	By:

**ALBANY SIGNAL UPGRADES  
14TH AVE AT MALL DRIVEWAY**  
Signal Modification Plan  
Albany, Oregon

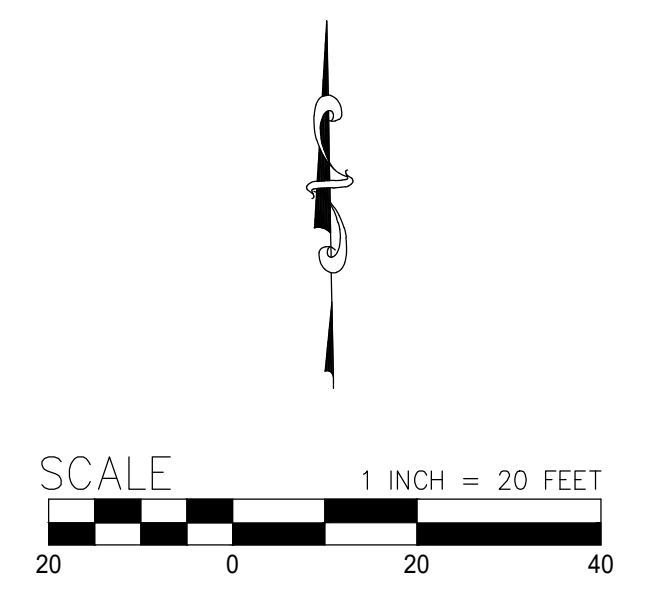
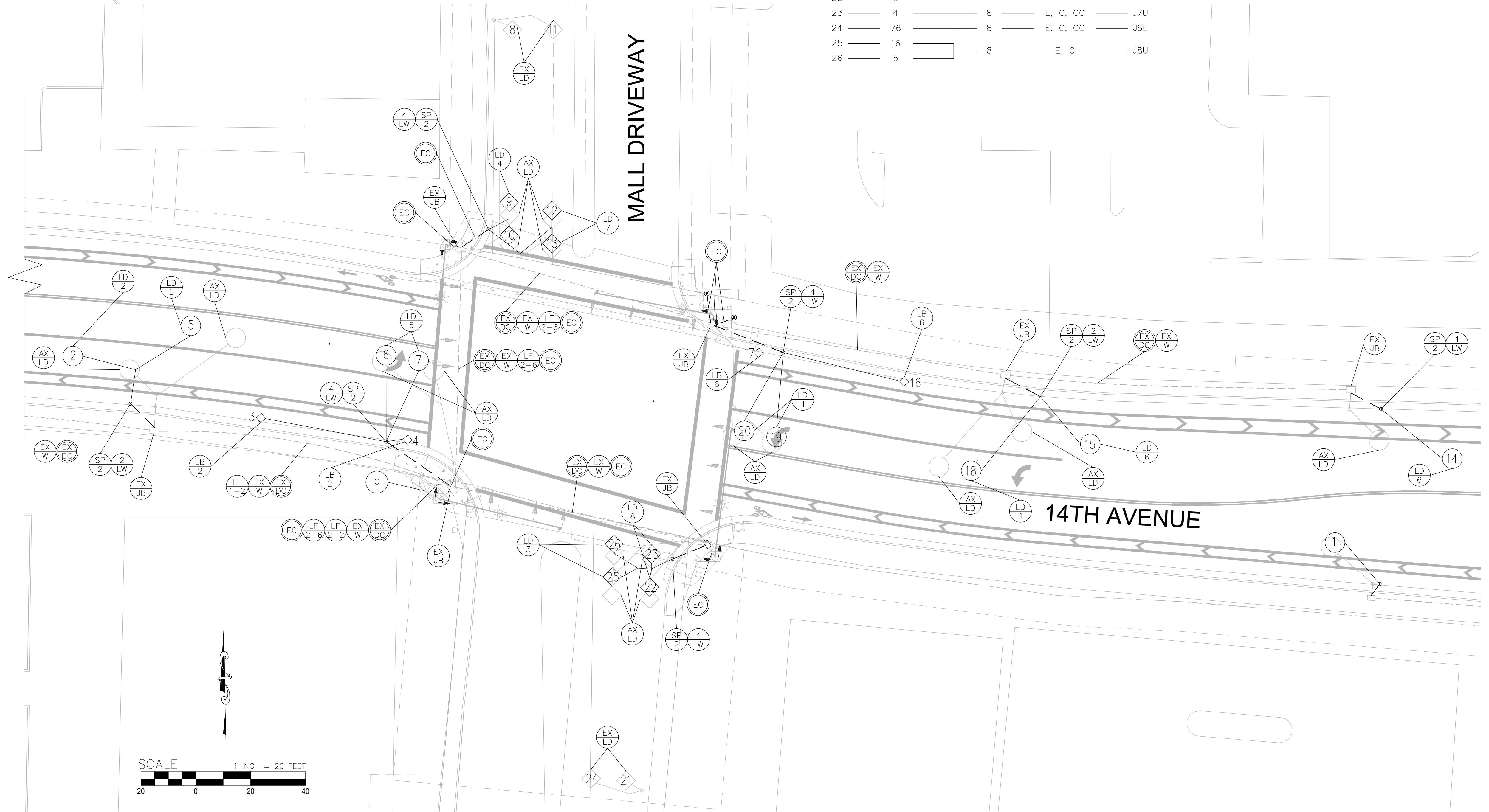
Job No. 23054  
Designed By: JLH  
Drawn By: JLH  
Checked By: TEM  
Date: 3/15/2024

**T6**



LOOP WIRING DIAGRAM

LOOP #	DISTANCE (FEET)	PHASE	FUNCTION	SLOT
1	320	2	E, C, CO	I2U
2	160	2	E, C, CO	I2L
3	16	2	E, C	I3L
4	5			
5	4	2	E, C	I3U
6	76	5	E, C, CO	J1U
7	16	5	E, C	J9U
8	5			
9	76	4	E, C, CO	I6U
10	16	4	E, C	I6L
11	5			
12	320	6	E, C, CO	J2U
13	160	6	E, C, CO	J2L
14	16	6	E, C	J3L
15	5			
16	4	6	E, C, CO	J3U
17	76	1	E, C, CO	I1U
18	16	1	E, C	I9U
19	5			
20	76	8	E, C, CO, D	J6U
21	16	8	E, C, D	J7L
22	5			
23	4	8	E, C, CO	J7U
24	76	8	E, C, CO	J6L
25	16			
26	5	8	E, C	J8U



**lanaster  
mobley**

321 SW 4th Avenue  
Portland, OR 97204  
(503)-248-0313  
lanastermobley.com



**REVISIONS**

Rev:	Des:	By:

**ALBANY SIGNAL UPGRADES  
14TH AVE AT MALL DRIVEWAY**  
Detection Modification Plan  
Albany, Oregon

Job No. 23054  
Designed By: JLH  
Drawn By: JLH  
Checked By: TEM  
Date: 3/15/2024

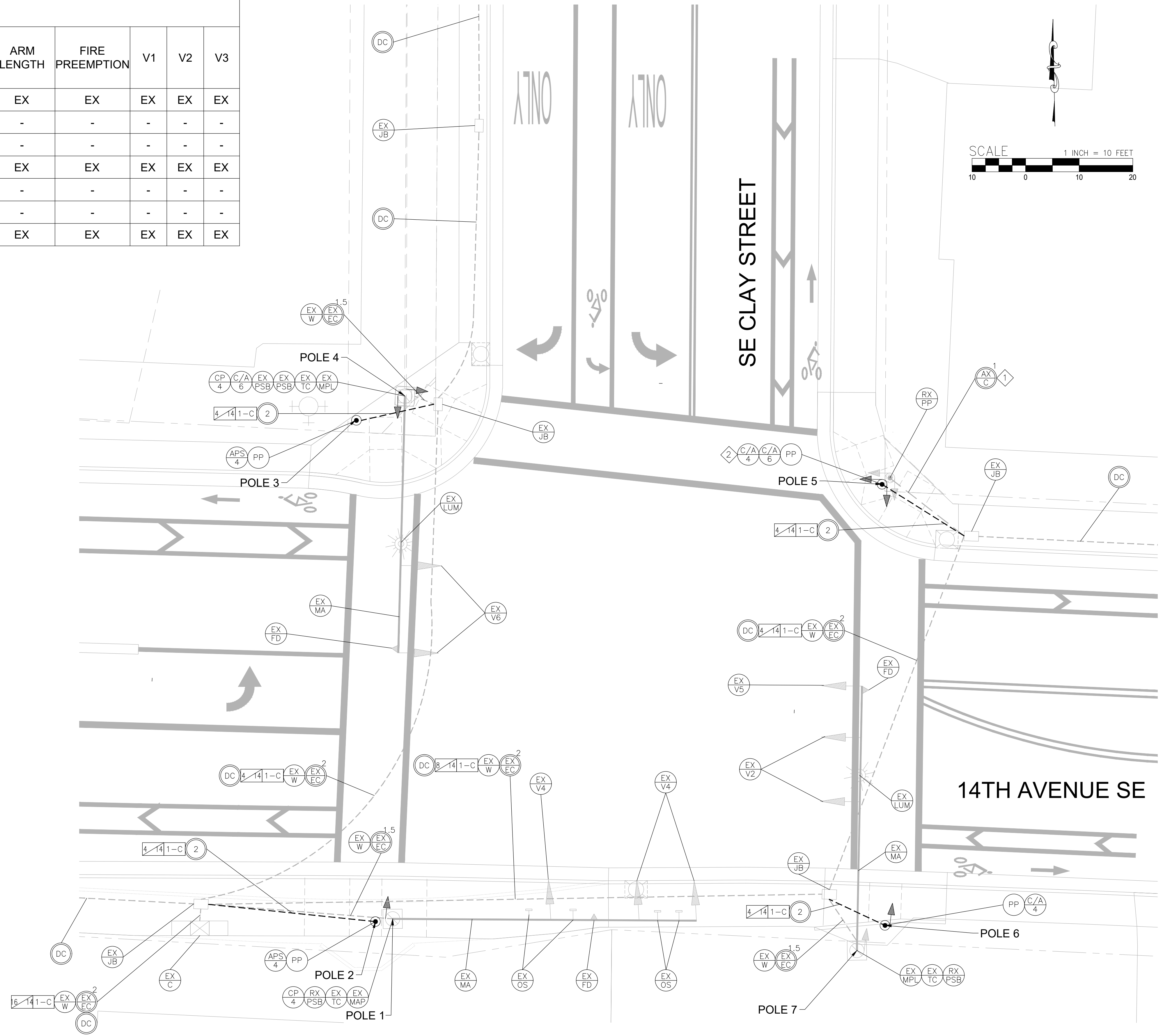
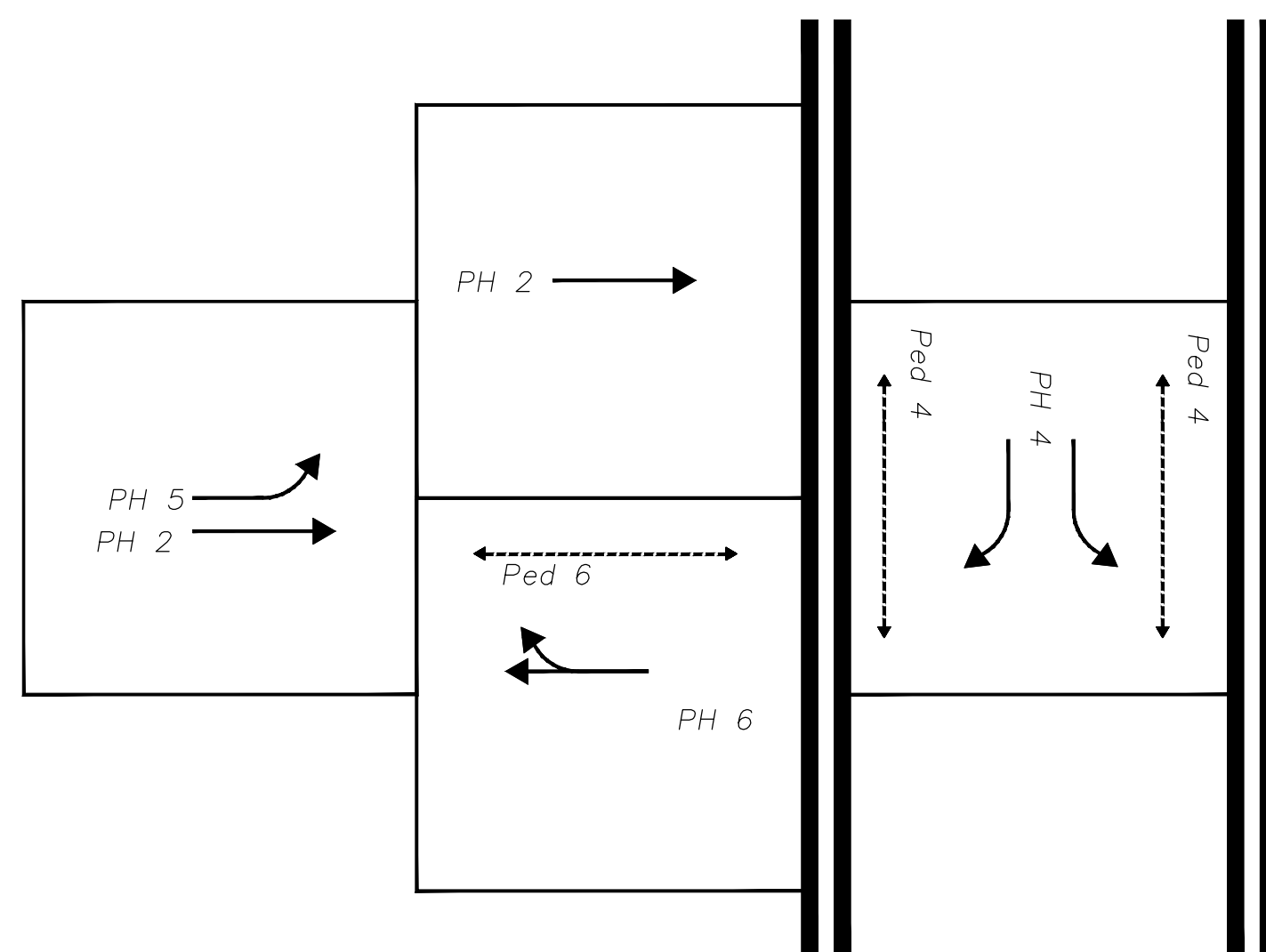
POLE ENTRANCE CHART

SEE TM457 THRU TM650		EQUIPMENT ON POLE					EQUIPMENT ON MAST ARM DISTANCE FROM THE END OF MAST ARM				
POLE NO.	TYPE	MAST ARM ORIENTATION	LUMINAIRE ORIENTATION	TERM CABINET DEGREE	PED PUSHBUTTON DEGREE	PED SIGNAL DEGREE	ARM LENGTH	FIRE PREEMPTION	V1	V2	V3
1	MAP	EX	-	EX	-	0	EX	EX	EX	EX	EX
2	PP	-	-	-	270	-	-	-	-	-	-
3	PP	-	-	-	90	-	-	-	-	-	-
4	MPL	EX	EX	EX	180	90, 180	EX	EX	EX	EX	EX
5	PP	-	-	-	180, 270	180, 270	-	-	-	-	-
6	PP	-	-	-	270	0	-	-	-	-	-
7	MPL	EX	EX	EX	-	-	EX	EX	EX	EX	EX

CONSTRUCTION NOTES

- ① PULL BACK WIRING TO EXISTING JUNCTION BOX
- ② AUDIBLE MESSAGE TO INCLUDE ROADWAY CROSSING NAME

NORMAL PHASE ROTATION DIAGRAM



lancaster  
moble

321 SW 4th Avenue  
Portland, OR 97204  
(503)-248-0313  
lancastermoble.com

REGISTERED PROFESSIONAL  
ENGINEER  
34853

OREGON  
JULY 9, 2003  
TODD E. MOBLEY

EXPIRES 12/31/2024

REVISIONS

Rev:	By:

**ALBANY SIGNAL UPGRADES  
14TH AVE AT CLAY ST**  
Signal Modification Plan  
Albany, Oregon

Job No. 23054  
Designed By: JLH  
Drawn By: JLH  
Checked By: TEM  
Date: 3/15/2024

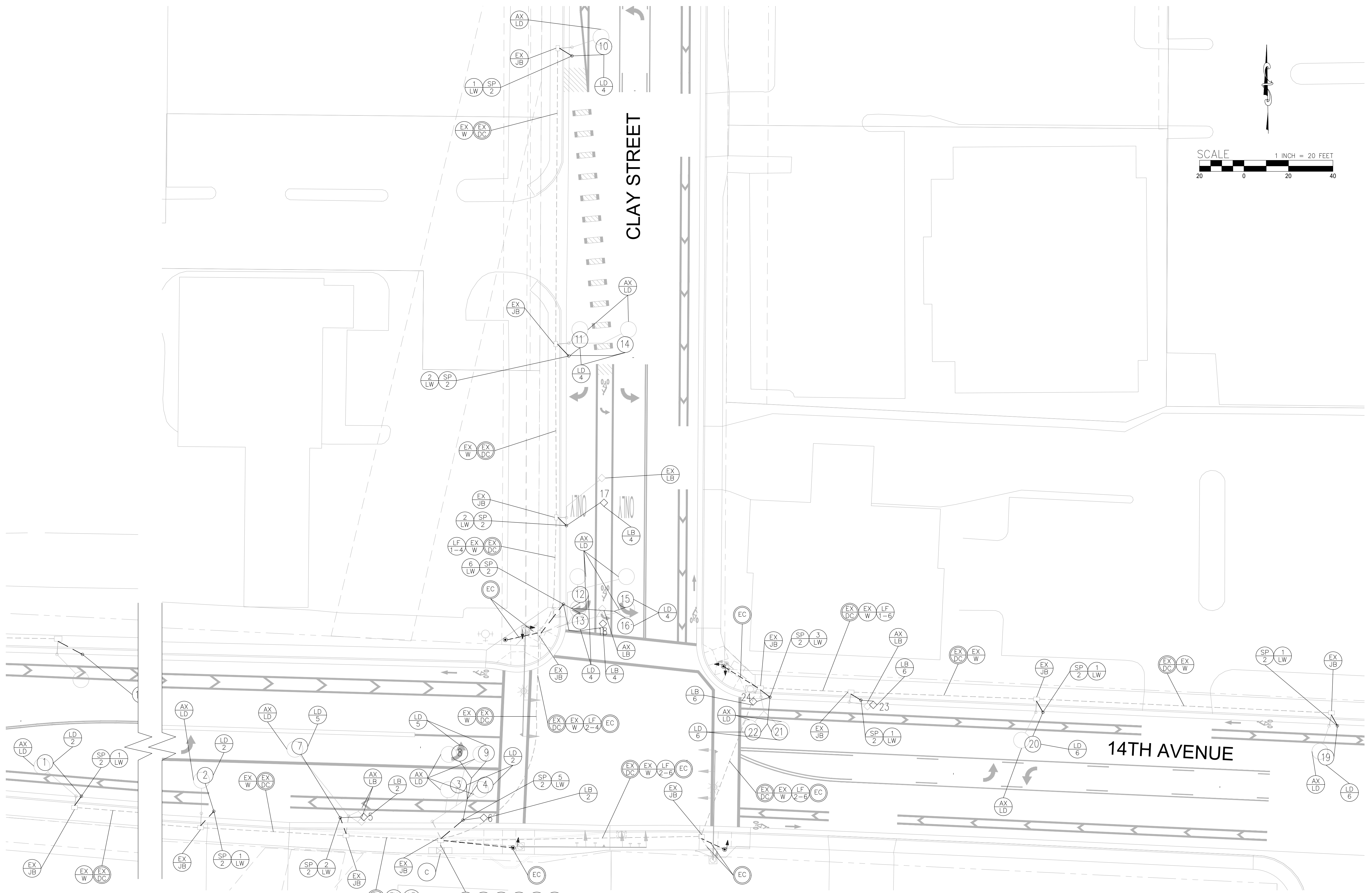
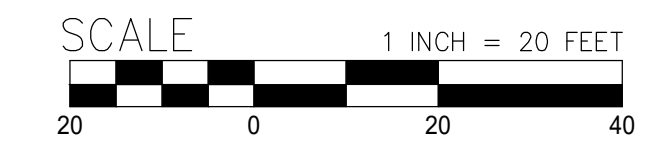


lancaster  
moble

321 SW 4th Avenue  
Portland, OR 97204  
(503)-248-0313  
lancastermoble.com



EXPIRES 12/31/2024



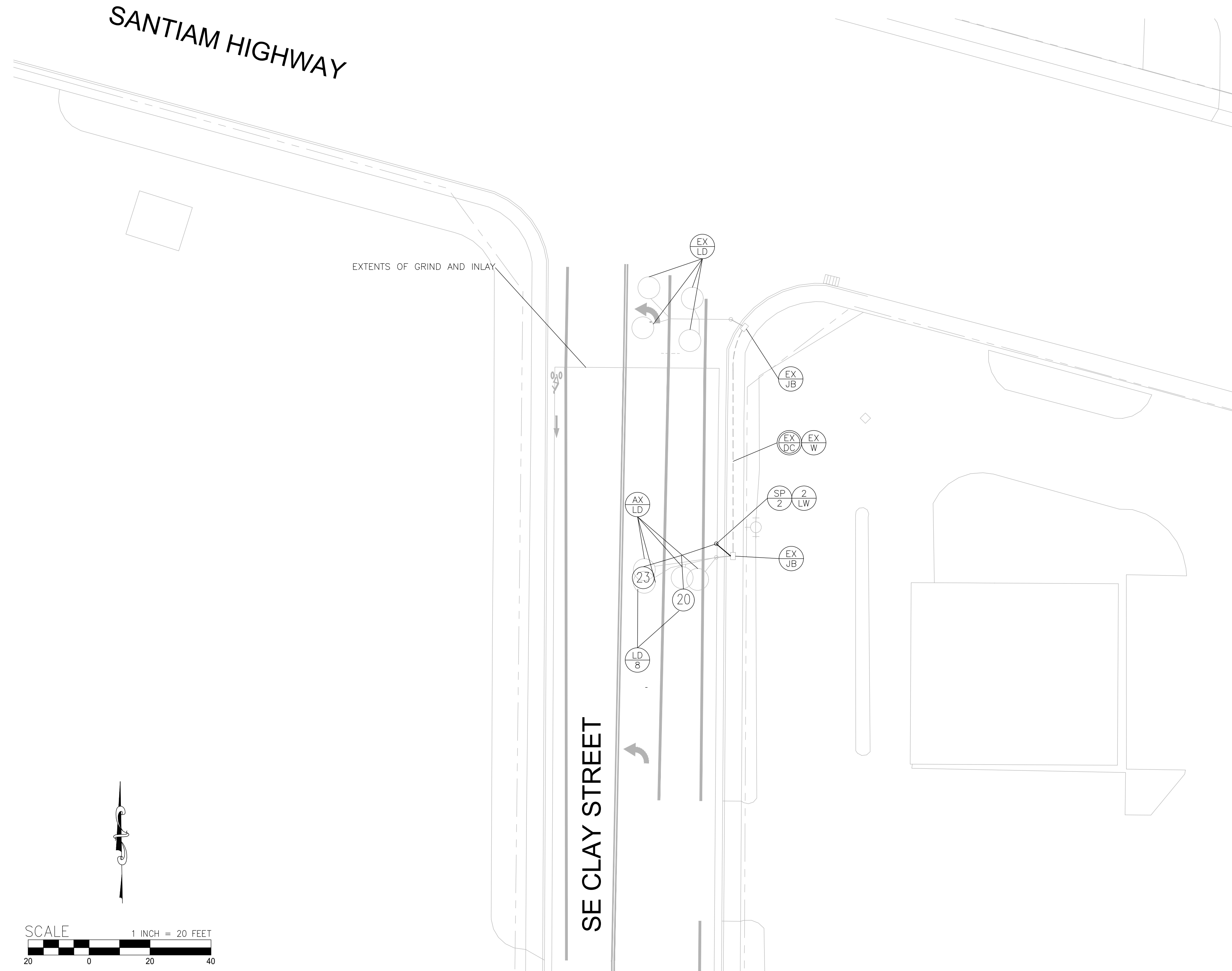
REVISIONS	Rev:	By:

**ALBANY SIGNAL UPGRADES**  
**14TH AVE AT CLAY ST**  
 Detection Modification Plan  
 Albany, Oregon

Job No. 23054  
 Designed By: JLH  
 Drawn By: JLH  
 Checked By: TEM  
 Date: 3/15/2024

LOOP WIRING DIAGRAM

LOOP #	DISTANCE (FEET)	PHASE	BIU/SLOT	ATC MAXTIME #
20	75	8	E, C, CO	J1U
23	75	8	E, C, CO	I6U



**lancaster  
moble**

321 SW 4th Avenue  
Portland, OR 97204  
(503)-248-0313  
lanastermoble.com



EXPIRES 12/31/2024

REVISIONS	Rev:	By:

**ALBANY SIGNAL UPGRADES  
SANTIAM HWY AT CLAY ST**  
Detection Modification Plan  
*Albany, Oregon*

Job No. 23054  
Designed By: JLH  
Drawn By: JLH  
Checked By: TEM  
Date: 3/15/2024