

CITY OF ALBANY

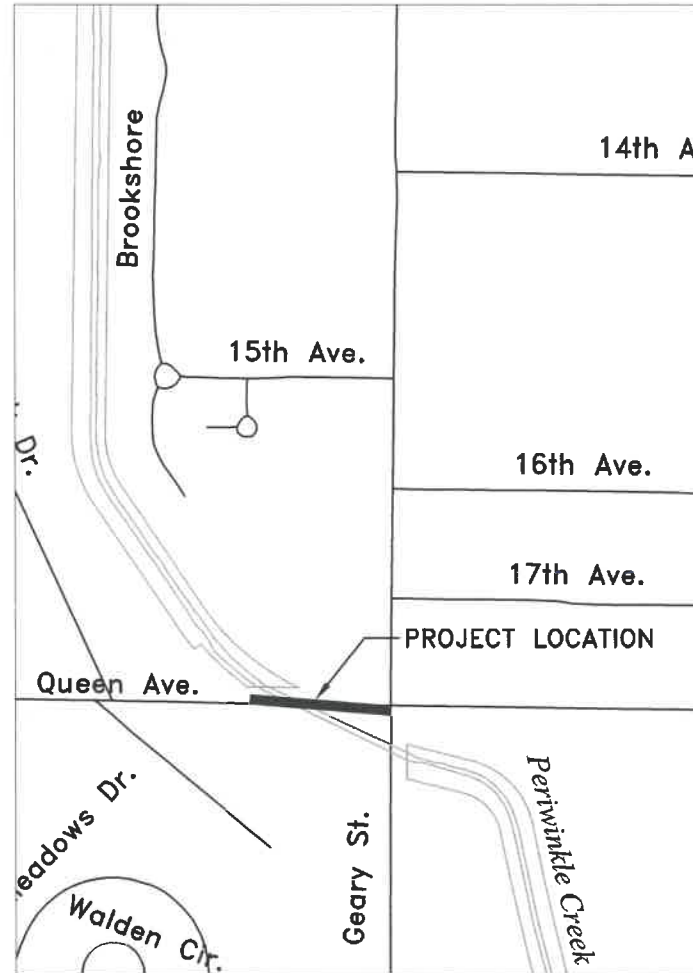
ST-22-07, PERIWINKLE PATH EXTENSION

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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		NEW CURB INLET
	EXISTING WATER VALVE		NEW 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		
	NEW STORM LINE		
	NEW STORM DRAIN MAINLINE CLEANOUT		
	NEW STORM DRAIN MANHOLE		



Vicinity Map
Not to Scale

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.CITYOFALBANY.NET.
- 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.cityofalbany.net.

DESIGNED: A. HIEMSTRA
DRAWN: A. HIEMSTRA
CHECKED: S. BELCASTRO
DATE: 04/08/2022

REVISIONS	
NO.	BY:

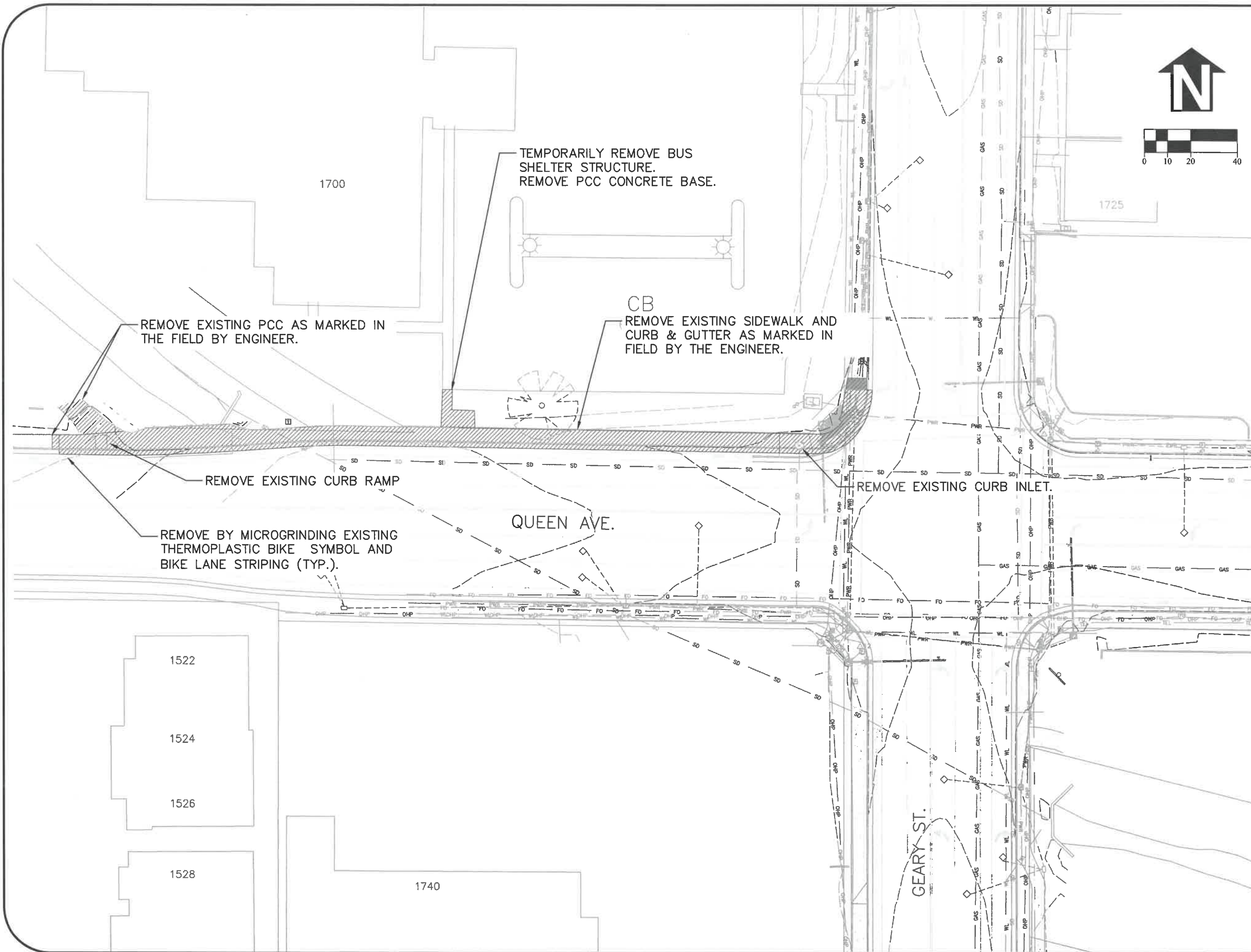
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ENGINEERING SERVICES



ST-22-07, PERIWINKLE PATH EXTENSION



EXPIRATION DATE: 06/30/2023
SHEET NO. 1 OF 15
PROJECT NO: ST-22-07
FILE:BASE.ST-22-07.DWG



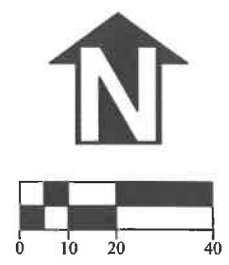
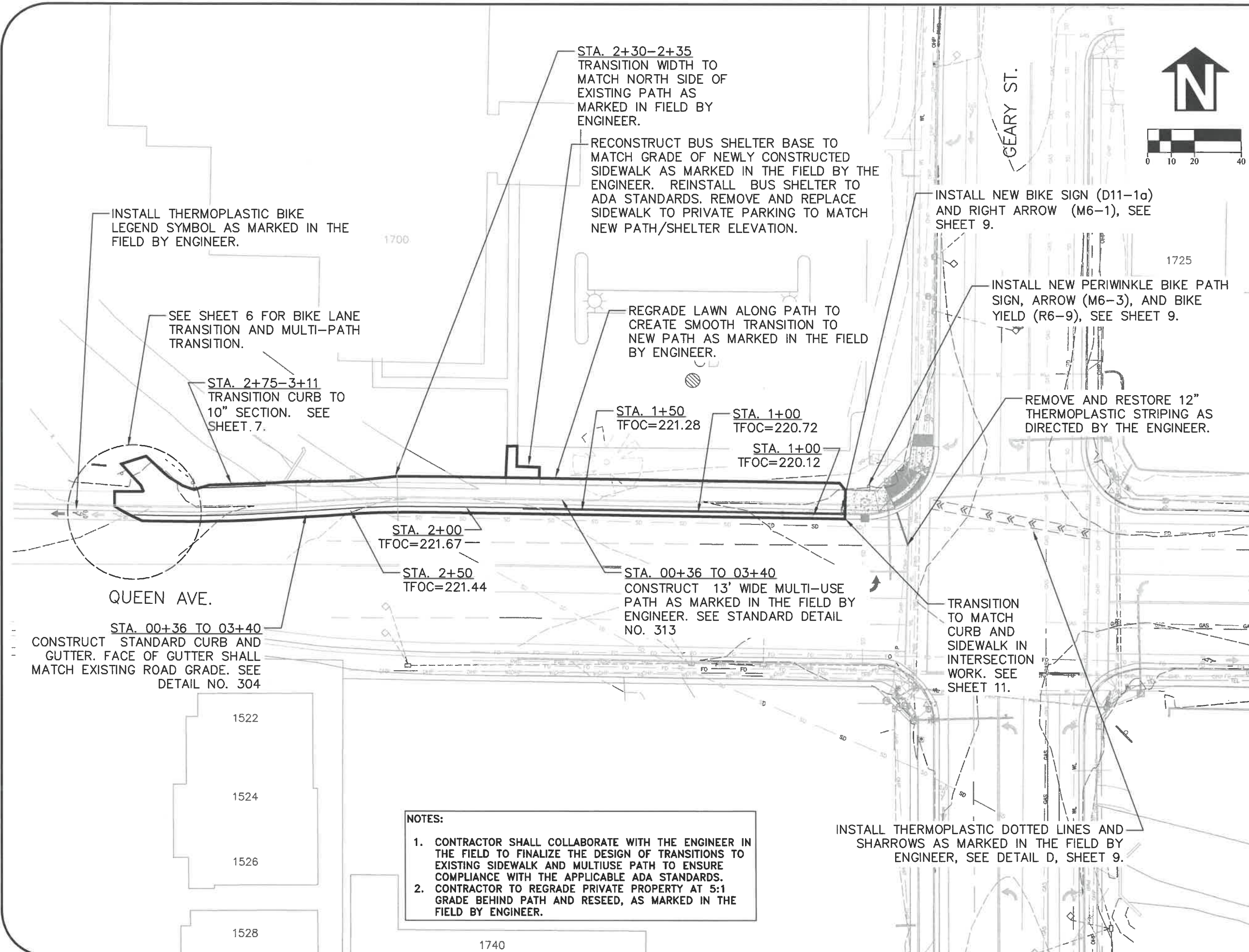
DESIGNED: A. HIEMSTRA	REVISIONS
DRAWN: A. HIEMSTRA	NO: BY:
CHECKED: S. BELCASTRO	DATE: -- --
DATE: 04/08/2022	DATE: -- --

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**ST-22-07, PERIWINKLE PATH EXTENSION
EXISTING CONDITIONS & DEMOLITION**





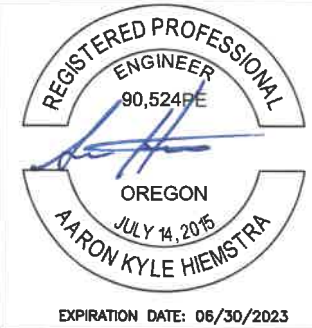
DESIGNED: A. HIEMSTRA	REVISIONS
DRAWN: A. HIEMSTRA	NO: ---
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DATE: 04/08/2022	DATE: ---

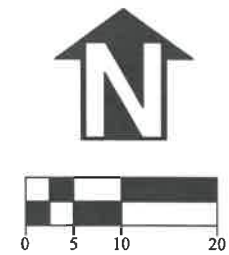
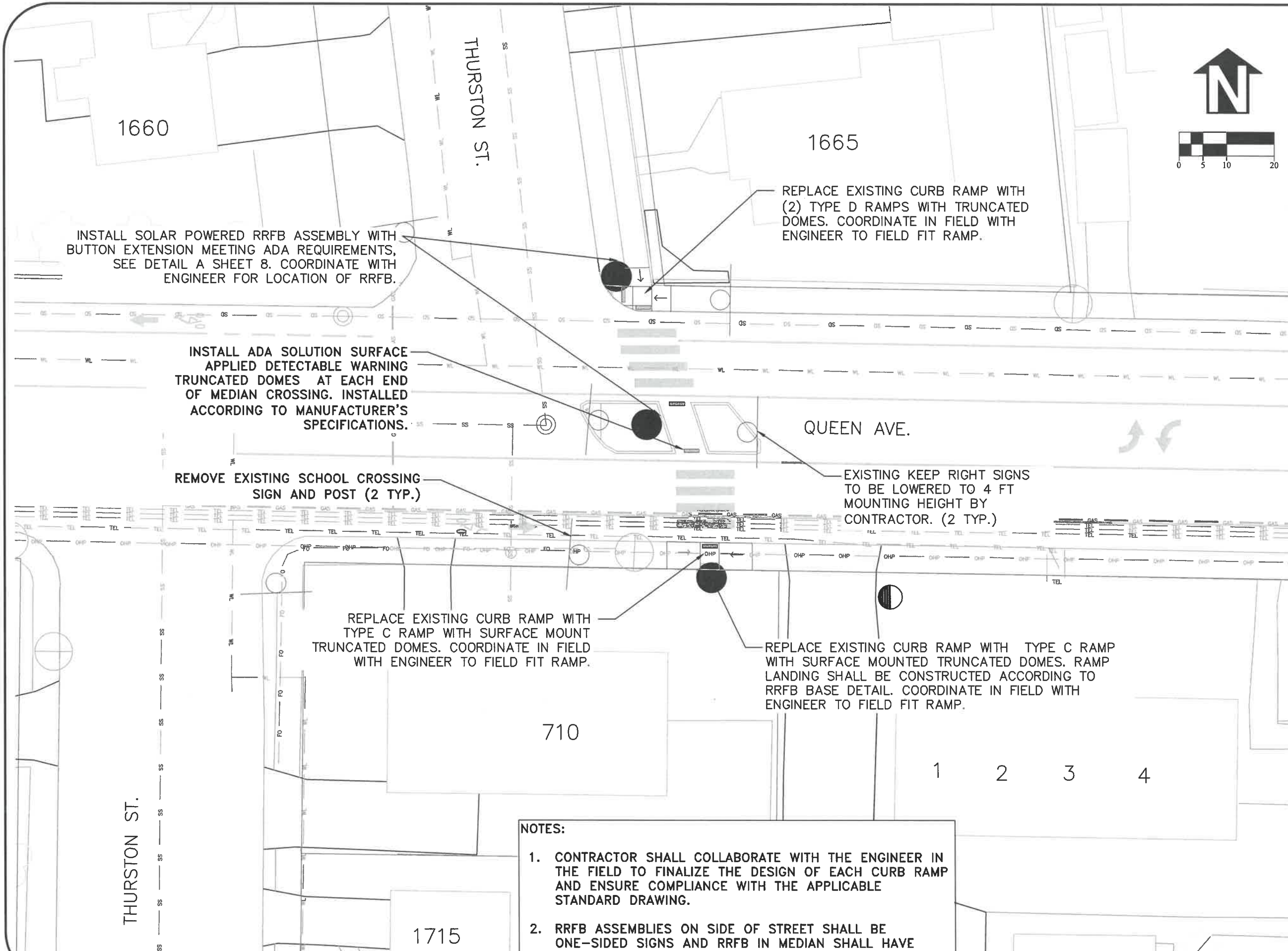
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ST-22-07, PERIWINKLE PATH EXTENSION
MULTI-USE PATH

- NOTES:**
1. CONTRACTOR SHALL COLLABORATE WITH THE ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF TRANSITIONS TO EXISTING SIDEWALK AND MULTIUSE PATH TO ENSURE COMPLIANCE WITH THE APPLICABLE ADA STANDARDS.
 2. CONTRACTOR TO REGRADE PRIVATE PROPERTY AT 5:1 GRADE BEHIND PATH AND RESEED, AS MARKED IN THE FIELD BY ENGINEER.






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DRAWN: A. HIEMSTRA	NO: BY:
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DATE: -- --	

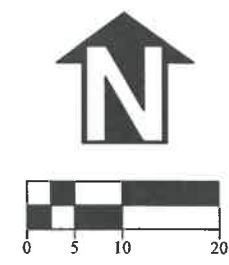
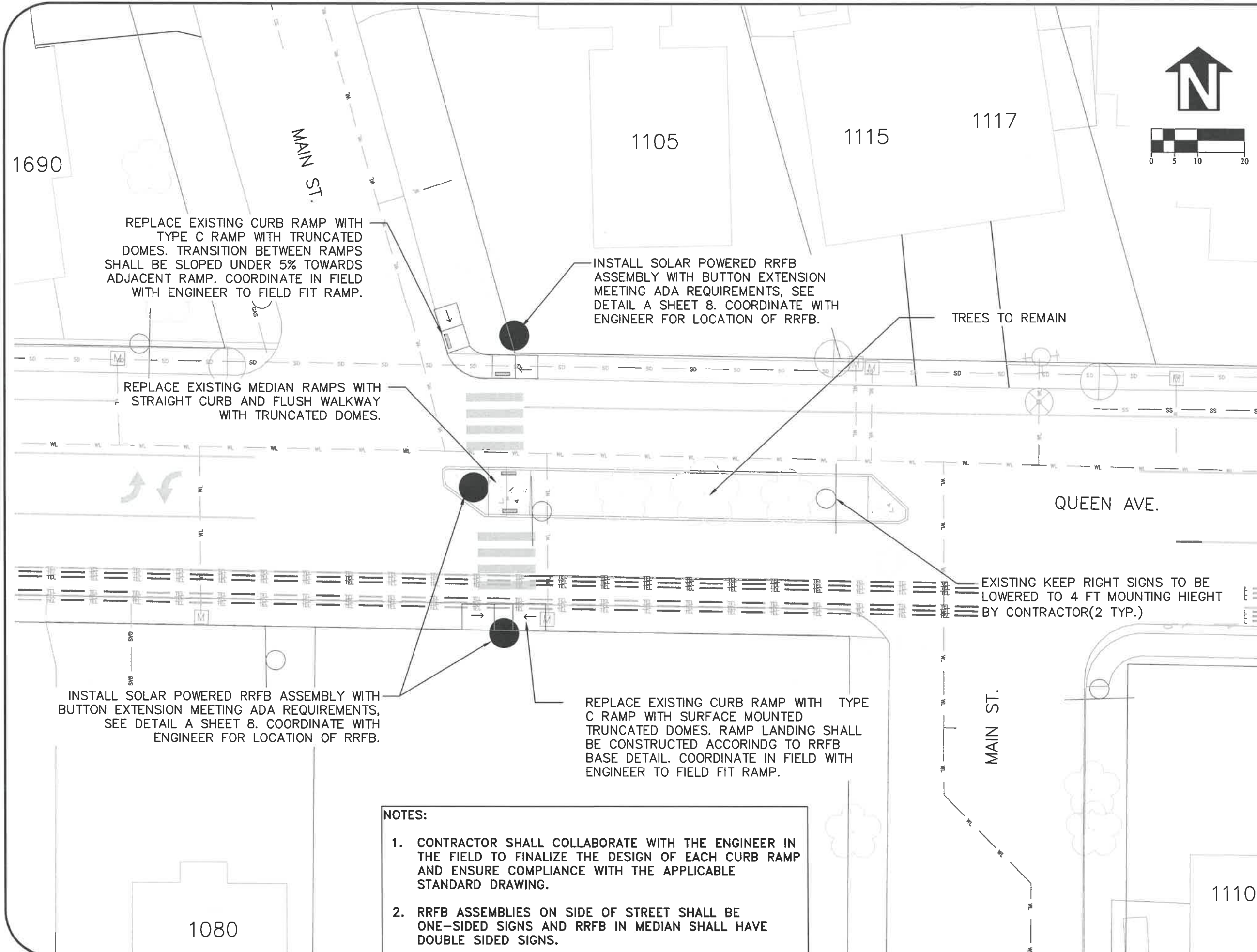
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-22-07, PERIWINKLE PATH EXTENSION
RRFB SITE PLAN



- NOTES:**
- CONTRACTOR SHALL COLLABORATE WITH THE ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWING.
 - RRFB ASSEMBLIES ON SIDE OF STREET SHALL BE ONE-SIDED SIGNS AND RRFB IN MEDIAN SHALL HAVE DOUBLE SIDED SIGNS.





DESIGNED: A. HIEMSTRA	REVISIONS
DRAWN: A. HIEMSTRA	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 04/08/2022	DATE: ---

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ENGINEERING SERVICES

ST-22-07, PERIWINKLE PATH EXTENSION
RRFB SITE PLAN



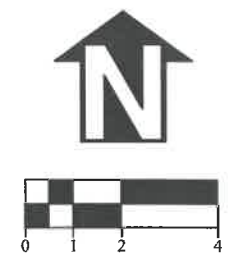
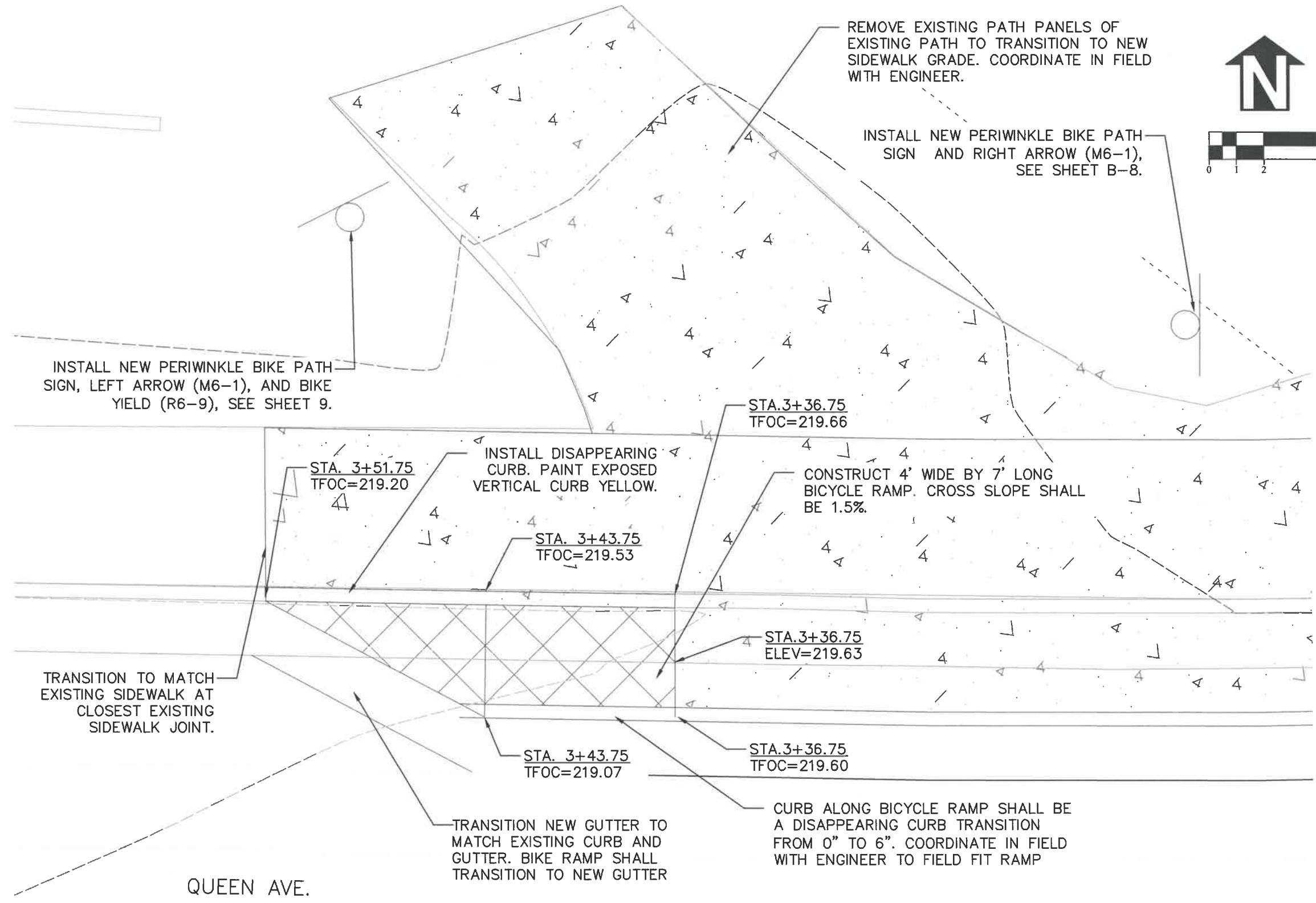
EXPIRATION DATE: 06/30/2023

SHEET NO. 5 OF 15

PROJECT NO: ST-22-07

FILE: BASE.ST-22-07.DWG

- NOTES:**
- CONTRACTOR SHALL COLLABORATE WITH THE ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWING.
 - RRFB ASSEMBLIES ON SIDE OF STREET SHALL BE ONE-SIDED SIGNS AND RRFB IN MEDIAN SHALL HAVE DOUBLE SIDED SIGNS.

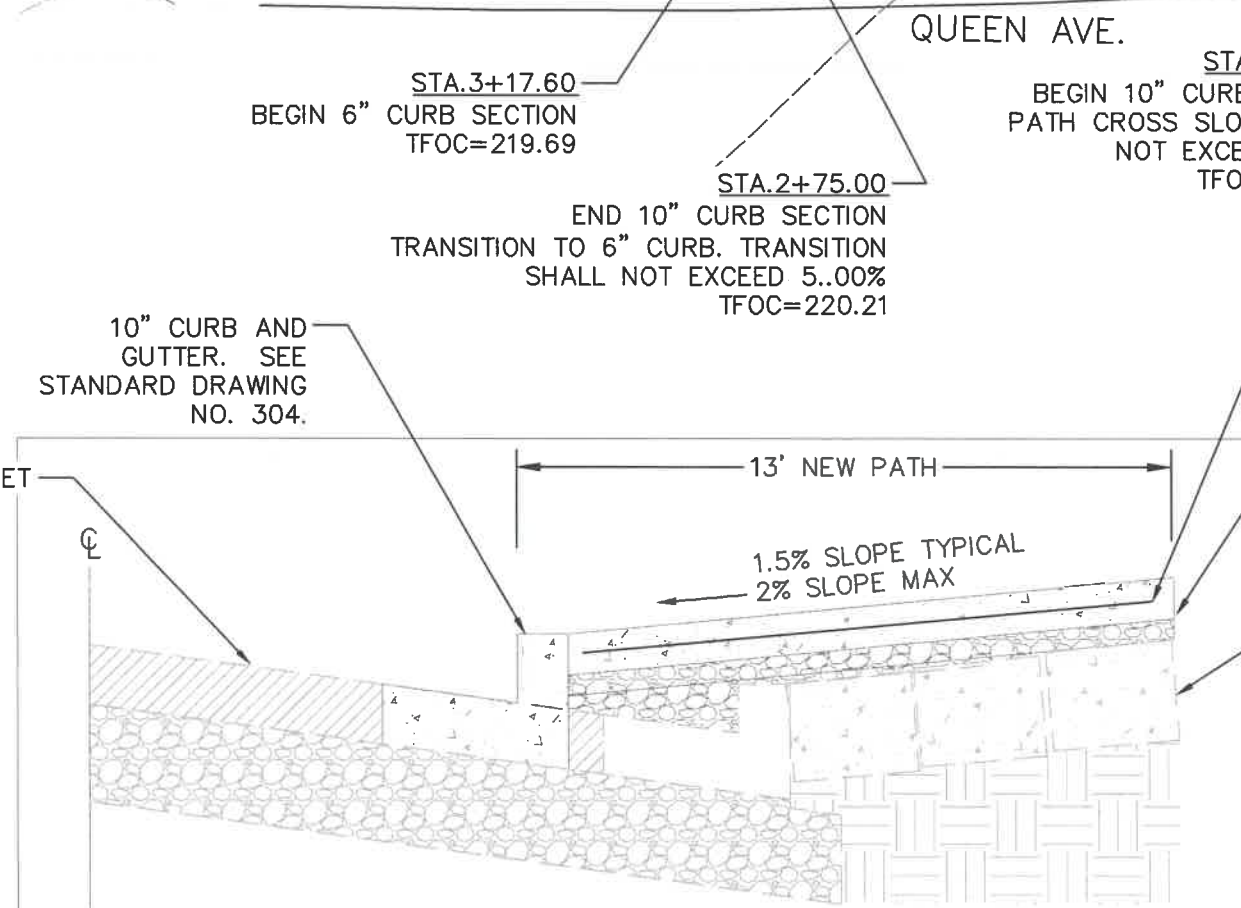
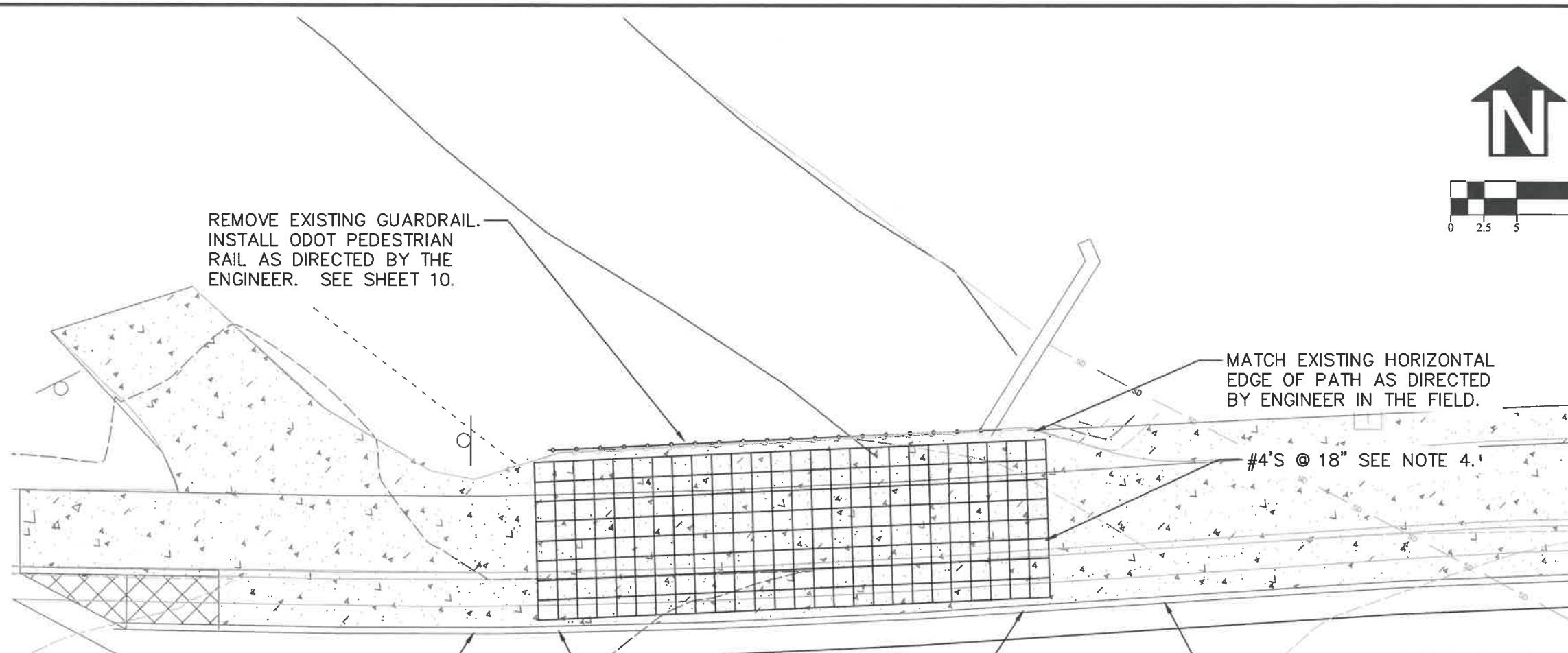
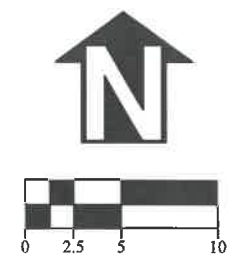


DESIGNED: A. HIEMSTRA	REVISIONS
DRAWN: A. HIEMSTRA	NO: BY:
CHECKED: S. BELCASTRO	NO: BY:
DATE: 04/08/2022	NO: BY:
DATE: -- --	NO: BY:
DATE: -- --	NO: BY:
DATE: -- --	NO: BY:

PUBLIC WORKS DEPARTMENT
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ST-22-07, PERIWINKLE PATH EXTENSION
BIKE RAMP






- NOTES:**
1. GROUT BETWEEN EXISTING BEAMS SHALL BE REMOVED AND REGROUTED.
 2. SCOUR MARKS SHALL BE PLACED BETWEEN EACH CONCRETE BEAM AND AT THE END OF EACH BEAM.
 3. PEDESTRIAN RAIL TO BE INSTALLED DIRECTLY TO THE BEAMS USING "SIDE MOUNTING POST" INSTALLATION.
 4. PATH OVER CONCRETE BEAMS SHALL BE REINFORCED WITH #4 BARS INSTALLED IN AN 18" GRID SPACING AND VERTICALLY LOCATED IN THE MIDDLE OF THE PATHWAY. REBAR REINFORCEMENT SHALL EXTEND 24" BEYOND THE ENDS OF THE CONCRETE BEAMS.

DESIGNED: A. HIEMSTRA	REVISIONS
DRAWN: A. HIEMSTRA	NO: BY:
CHECKED: S. BELCASTRO	DATE: 04/08/2022
DATE: -- --	DATE: -- --

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ST-22-07, PERIWINKLE PATH EXTENSION
CULVERT CROSSING

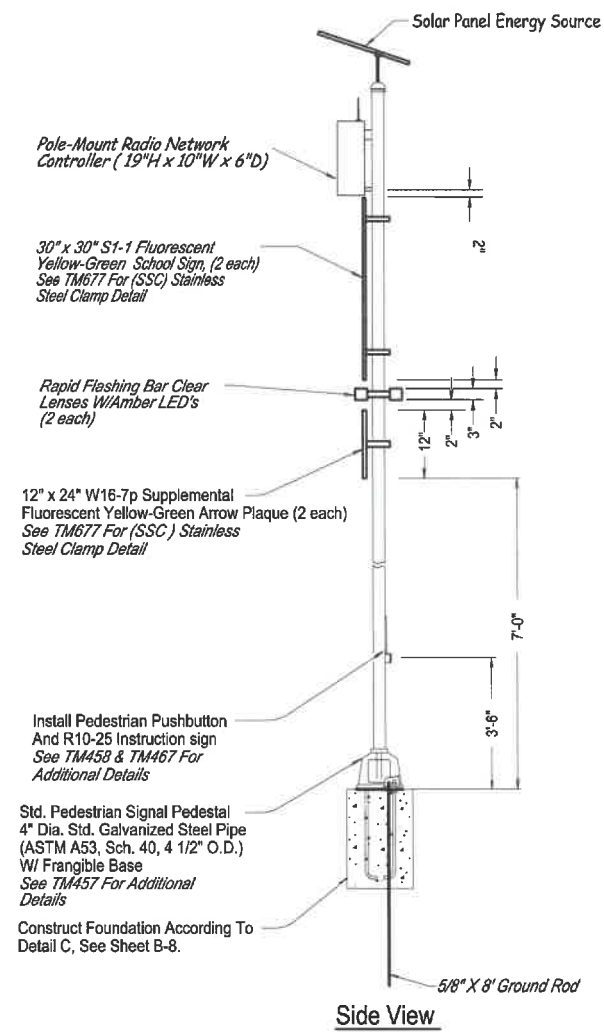
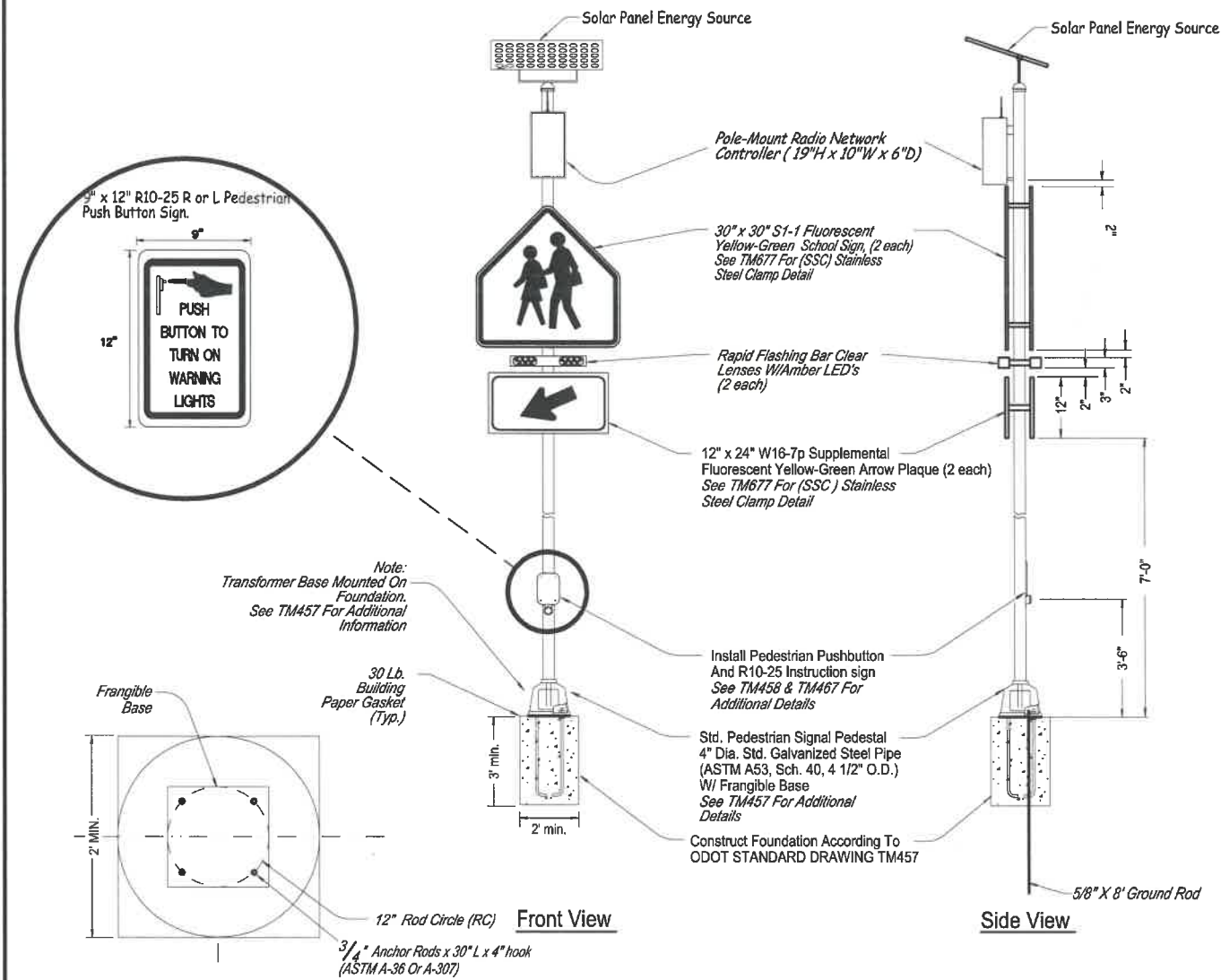


EXPIRATION DATE: 06/30/2023

SHEET NO. 7 OF 15
PROJECT NO: ST-22-07
FILE: BASE.ST-22-07.DWG

DETAIL A
RECTANGULAR RAPID FLASHING BEACON SYSTEM
PEDESTRIAN PEDESTAL INSTALLATION (TWO SIDED)
 (NOT TO SCALE)

DETAIL B
RECTANGULAR RAPID FLASHING BEACON SYSTEM
PEDESTRIAN PEDESTAL INSTALLATION (ONE SIDED)
 (NOT TO SCALE)




DETAIL "A1"
ROD CIRCLE DETAIL

- GENERAL NOTES:**
1. Use ODOT Green Sheet Listed Systems Only
 2. Install Controller Cabinet As Per the Manufacturer's Recommendations and as directed By the Engineer.
 3. Signs shall conform to the Manual on Uniform Traffic Control Devices and Standard Highway Signs manuals.

DESIGNED: A. HIEMSTRA	REVISIONS
DRAWN: A. HIEMSTRA	NO: --
CHECKED: S. BELCASTRO	BY: --
DATE: 04/08/2022	--

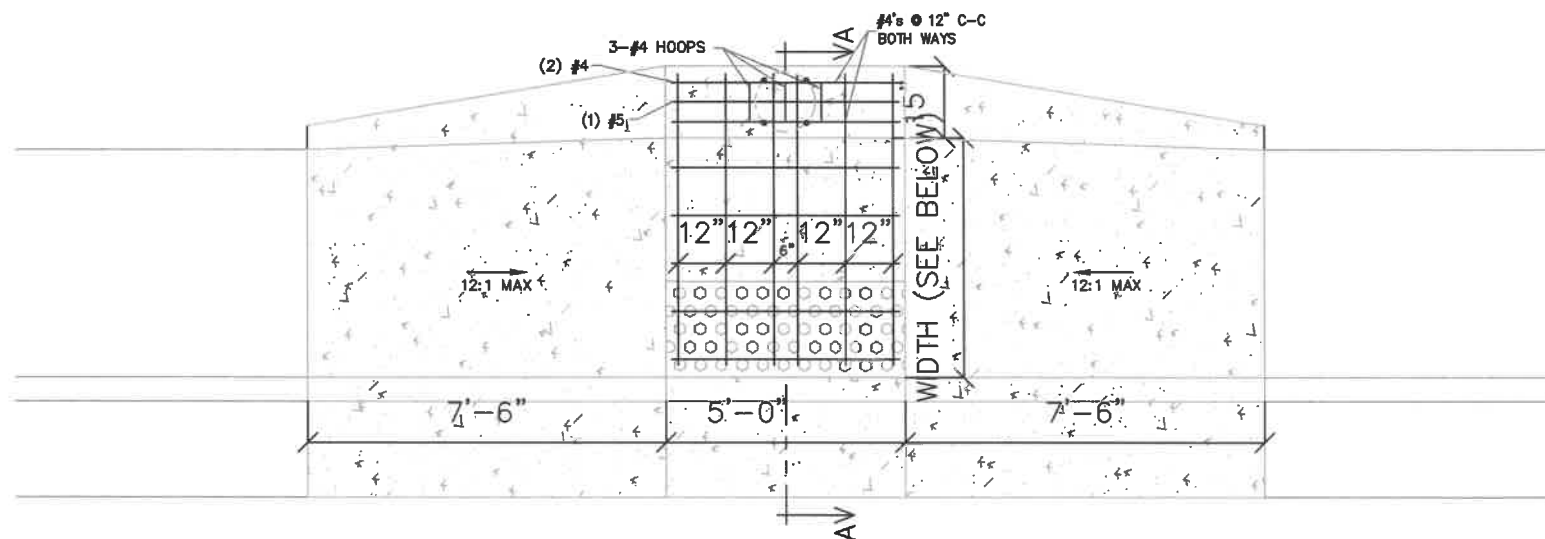
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ENGINEERING SERVICES



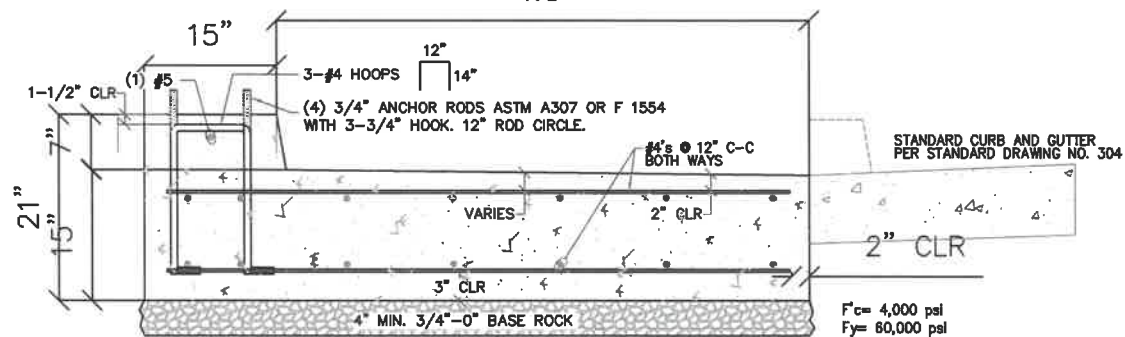
ST-22-07, PERIWINKLE PATH EXTENSION
RRFB DETAILS



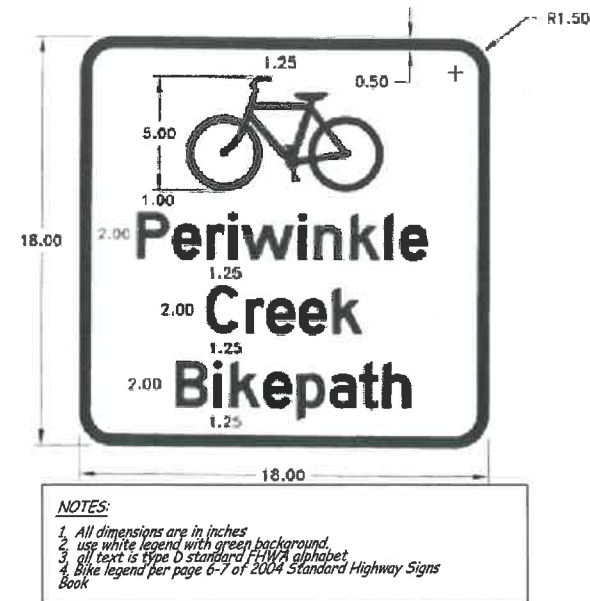
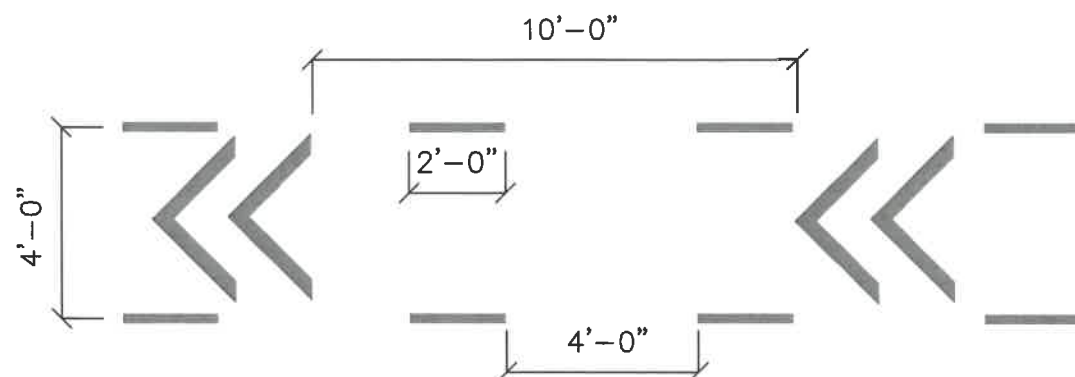
DETAIL C
 RECTANGULAR RAPID FLASHING BEACON SYSTEM
 FOUNDATION AND PEDESTRIAN RAMP DETAIL
 (NOT TO SCALE)



SECTION A-A
 4.0'



DETAIL D
 INTERSECTION BIKE LANE GUIDE DETAIL
 (NOT TO SCALE)

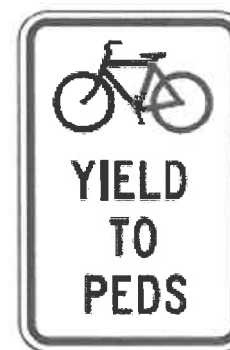


M6-1



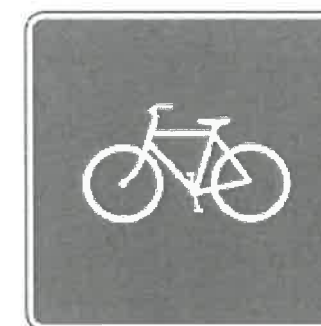
M6-3

NOTES:
 1. Sign dimension shall be 12" x 9"
 2. use white legend with green background
 3. all text is type D standard FHWA alphabet



R9-6

NOTES:
 1. Sign dimension shall be 12"x18"
 2. Use black legend with white background
 3. All text is type D standard FHWA alphabet



D11-1a

NOTES:
 1. Sign dimension shall be 18" x 18"
 2. Use white legend with green background
 3. All text is type D standard FHWA alphabet

DESIGNED: A. HIEMSTRA
 DRAWN: A. HIEMSTRA
 CHECKED: S. BELCASTRO
 DATE: 04/08/2022

REVISIONS	
NO.	BY:

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 ENGINEERING SERVICES



ST-22-07, PERIWINKLE PATH EXTENSION
 DETAILS

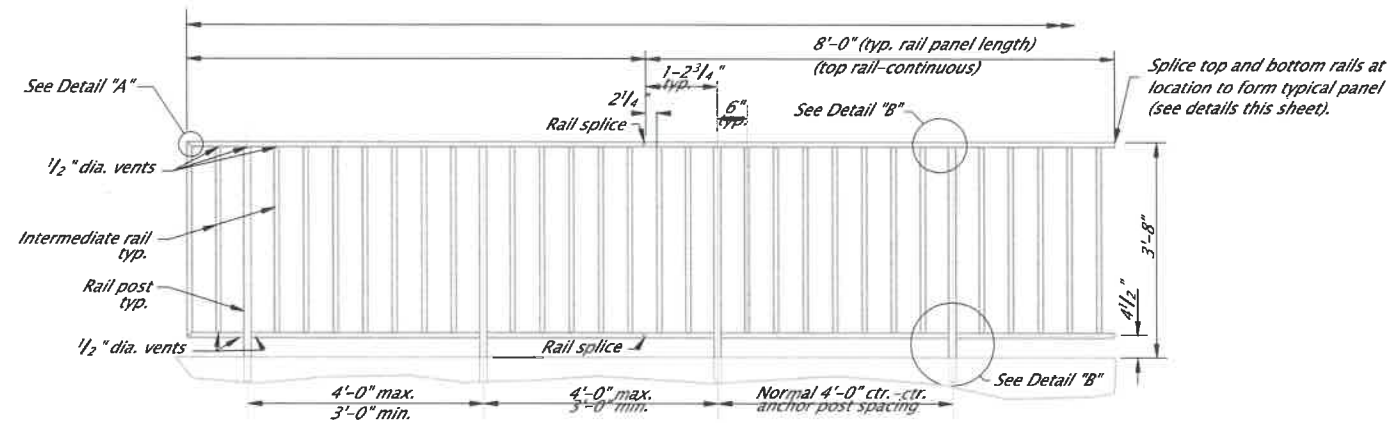


EXPIRATION DATE: 06/30/2023

SHEET NO. 9 OF 15

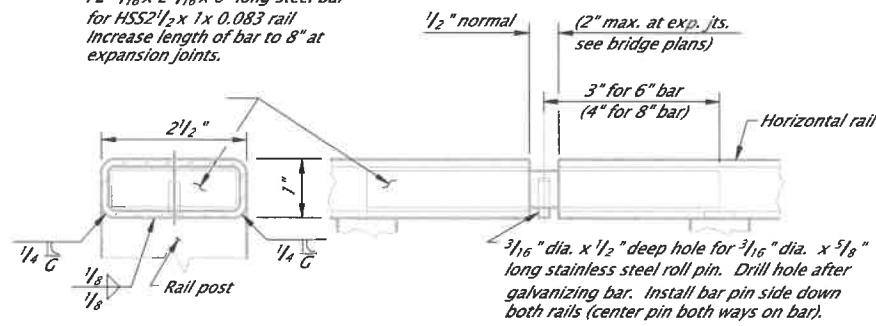
PROJECT NO: ST-22-07

FILE:BASE.ST-22-07.DWG



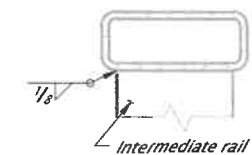
PL $\frac{3}{16}$ x $2\frac{1}{2}$ x 6" long steel bar for HSS $2\frac{1}{2}$ x 1 x 0.125 rails or PL $\frac{1}{16}$ x $2\frac{1}{2}$ x 6" long steel bar for HSS $2\frac{1}{2}$ x 1 x 0.083 rail. Increase length of bar to 8" at expansion joints.

ELEVATION

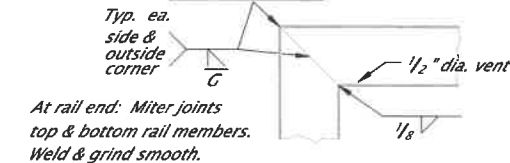


RAIL POST WELD

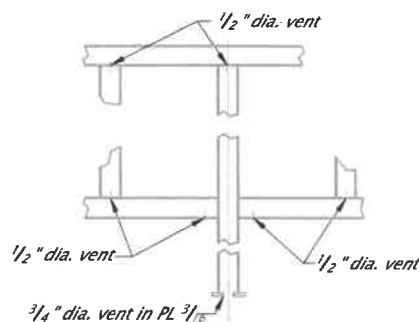
RAIL SPLICE



INTERMEDIATE VERTICAL RAIL WELD



DETAIL "A"



DETAIL "B"

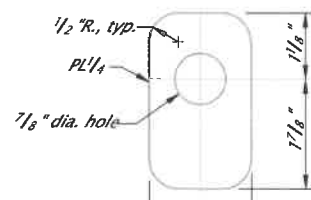
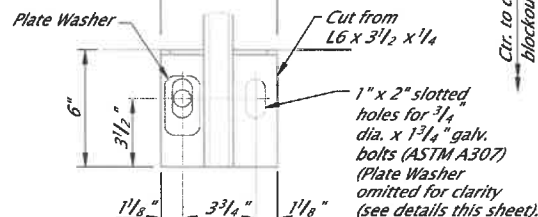
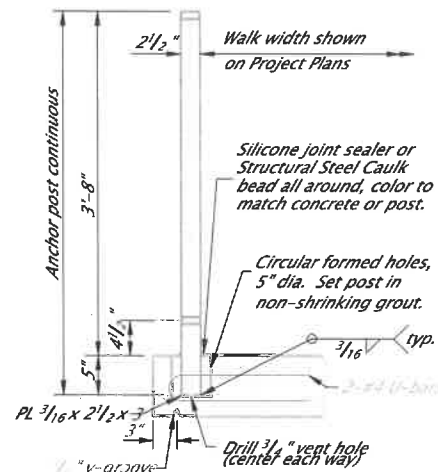


PLATE WASHER

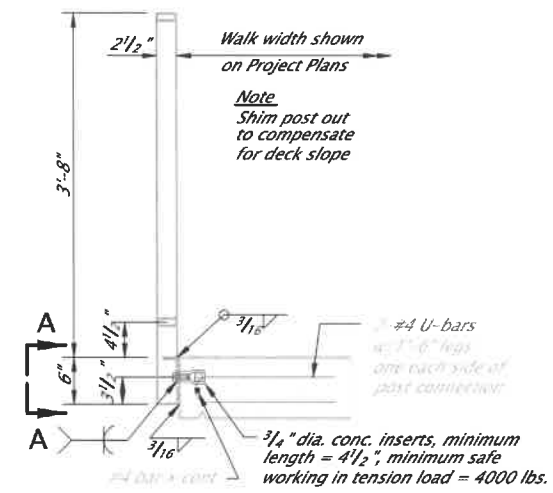


VIEW A-A

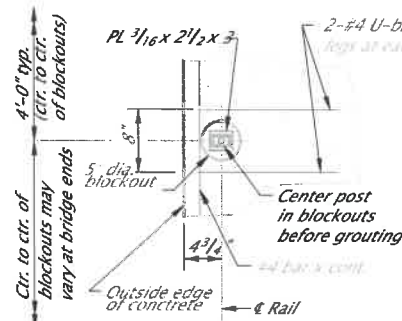
SIDE MOUNTING PLATE



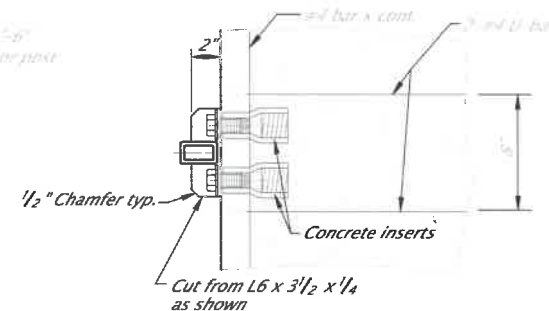
ANCHOR POST - SECTION



SIDE MOUNTING POST - SECTION



ANCHOR POST - PLAN




SIDE MOUNTING POST - PLAN

NOTES:
 Provide rectangular structural steel tubing according to Oregon Standard Specification 02810.20.
 Provide HSS $2\frac{1}{2}$ x $1\frac{1}{2}$ x $\frac{1}{4}$ for anchor post.
 Provide HSS $2\frac{1}{2}$ x 1 x 0.083 (14 gauge) or HSS $2\frac{1}{2}$ x 1 x 0.125 (11 gauge) for horizontal rails and terminal end verticals.
 Provide HSS 2 x 1 x 0.083 (14 gauge), for intermediate verticals.
 (TS $2\frac{1}{2}$ x 1 x 0.125 (11 gauge) may be used for intermediate verticals if the anchor post weld details are used).
 Provide all other structural steel conforming to AASHTO M183 (ASTM A36).
 Hot-dip galvanize all structural steel including fasteners and inserts after fabrication.
 Provide Galvanize Control Silicon according to Oregon Standard Specification 02530.70.
 Construct railing conforming to the horizontal and vertical alignment of the structure.
 Install posts normal to grade in the longitudinal direction and vertical in the transverse direction.
 Provide continuous top horizontal rail elements over a minimum of two posts unless shown otherwise on detail plans. Provide a minimum of two anchor posts per rail panel.

DESIGNED: A. HIEMSTRA	REVISIONS
DRAWN: A. HIEMSTRA	NO: ---
CHECKED: S. BELCASTRO	BY: ---
DATE: 04/08/2022	DATE: ---

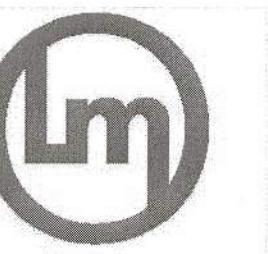
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ST-22-07, PERIWINKLE PATH EXTENSION
DETAILS

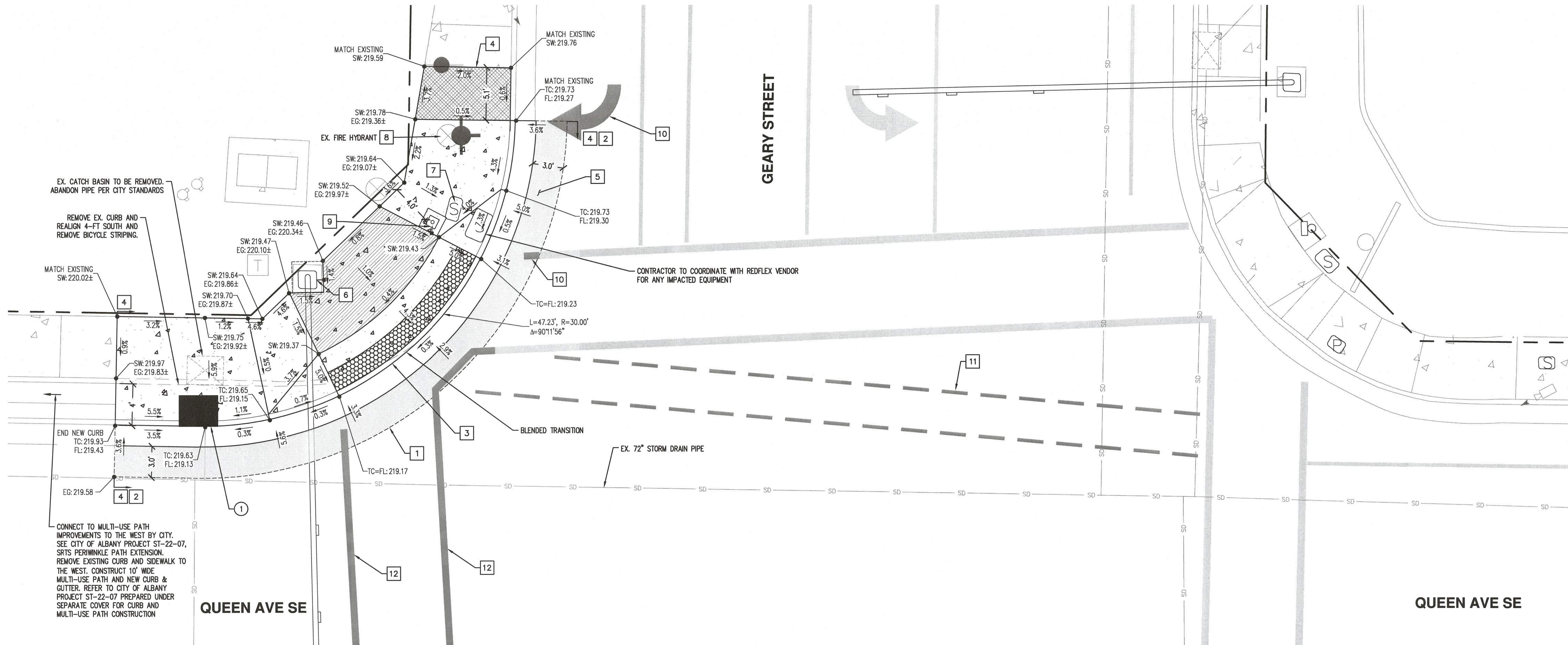
REGISTERED PROFESSIONAL
 ENGINEER
 90,524 PE

 OREGON
 JULY 14, 2015
 AARON KYLE HIEMSTRA



lancaster mobley

321 SW 4th Avenue
Portland, OR 97204
(503)-248-0313
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CR-05

STORM KEYED NOTES

- 1. CONSTRUCT CATCH BASIN PER CITY OF ALBANY STANDARD DETAIL NO. 412. RIM: 219.13± IE OUT: 215.50± CONNECT TO EXISTING STORM PIPE

KEYED NOTES

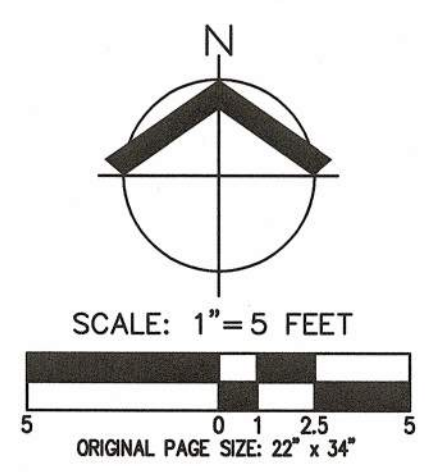
- 1. SAWCUT AS REQUIRED TO FORM AND POUR CONCRETE. 2 FT FROM GUTTER PAN (TYPICAL), OR AS SPECIFIED ON PLANS. REPLACE ALL STRIPING AND LEGENDS AS REQUIRED. MATCH EXISTING.
- 2. TRANSITION GUTTER AND WARP PAN SLOPE AS SHOWN TO MAINTAIN POSITIVE DRAINAGE.
- 3. CONSTRUCT TYPE 'A' CURB AND GUTTER PER CITY OF ALBANY STANDARD DETAIL NO. 304.
- 4. SAWCUT AT NEXT FURTHEST JOINT, REMOVE AND REPLACE EXISTING CURB, CURB RAMP AND/OR SIDEWALK AS SHOWN.
- 5. ASPHALT PATCH PER CITY OF ALBANY STANDARD DETAIL NO. 207. MATCH EXISTING. EXISTING PAVEMENT DEPTH BASED ON AS-BUILTS: QUEEN/GEARY 10 INCHES
- 6. SEE LANCASTER MOBLEY TRAFFIC SIGNAL MODIFICATION PLANS SIGNAL IMPROVEMENTS AND PUSH BUTTON INSTALLATION DETAILS.
- 7. CONTRACTOR TO REPLACE EXISTING JUNCTION BOX AND ADJUST TO FINISH GRADE AS REQUIRED. SEE LANCASTER MOBLEY PLANS FOR RELOCATION.
- 8. CONTRACTOR TO ADJUST WATER STRUCTURE TO FINISH GRADE. COORDINATE WITH CITY OF ALBANY FORCES AS REQUIRED.
- 9. NEW PEDESTRIAN PUSH BUTTON POLE. SEE LANCASTER MOBLEY TRAFFIC SIGNAL MODIFICATION PLANS.
- 10. REPLACE STRIPING LEGEND
- 11. NEW SHARED USE STRIPING. SEE LANCASTER MOBLEY STRIPING PLANS.
- 12. NEW CROSSWALK LEGEND STRIPING. REMOVE EXISTING CROSSWALK AND ROAD STRIPING FOR RELOCATED CROSSWALK.

NOTES

- 1. SIDEWALK CROSS SLOPE DESIGNED TO 1.5% MAX. UNLESS OTHERWISE NOTED, CONSTRUCTED CROSS-SLOPE SHALL NOT EXCEED 2%.
- 2. RAMP RUNNING SLOPE DESIGNED TO 7.5% MAX. UNLESS OTHERWISE NOTED, CONSTRUCTED RUNNING SLOPE SHALL NOT EXCEED 8.33% UNLESS RAMP EXTENDS TO MAXIMUM 15-FT LENGTH.
- 3. REMOVE EXISTING SIDEWALK TO NEXT FURTHEST PANEL JOINT AT MATCH POINTS IF DESIGNED MATCH POINT NOT LOCATED AT EXISTING PANEL JOINT.
- 4. VERIFY CROSS SLOPE OF EXISTING SIDEWALK AT MATCH POINTS.
- 5. IF EXISTING CROSS SLOPE AT MATCH POINT EXCEEDS 2%, INSTALL TRANSITION PANEL FROM NEW RAMP/SIDEWALK TO EXISTING. THE CROSS-SLOPE WARP RATE FROM NEW TO EXISTING SHALL NOT EXCEED 0.5% PER FOOT OF LENGTH. THE WARP RATE WILL DICTATE THE TRANSITION PANEL LENGTH.
- 6. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING ALL SIDEWALK TO MEET ADA AND JURISDICTIONAL REQUIREMENTS.
- 7. CONTRACTOR SHALL CONTACT CITY INSPECTOR ONCE FORMS ARE IN PLACE TO CHECK FORMS PRIOR TO POURING CONCRETE. CONTRACTOR SHALL ALLOT A MINIMUM OF 24 HOUR WINDOW (NOT INCLUDING WEEKEND OR HOLIDAYS) FOR INSPECTION PRIOR TO SCHEDULED POUR.
- 8. FINISHED GRADE OF SIDEWALK AT PEDESTRIAN PUSH BUTTONS SHALL BE MINIMUM 3.5-FT AND MAXIMUM 4-FT BELOW EXISTING PUSH BUTTONS. NEW PUSH BUTTONS SHALL BE INSTALLED AT 3.5-FT ABOVE FINISH GRADE OF SIDEWALK MEASURED TO CENTER OF PUSH BUTTON.
- 9. LANDING AREA CROSS AND RUNNING SLOPE DESIGNED TO 1.5% MAX. UNLESS OTHERWISE NOTED, CONSTRUCTED CROSS AND RUNNING SLOPE SHALL NOT EXCEED 2%.
- 10. SEE LANCASTER MOBLEY TRAFFIC SIGNAL MODIFICATION PLANS FOR ALL STRIPING, POWER STRUCTURE, SIGNAL AND PEDESTRIAN SIGNAL IMPROVEMENTS.
- 11. CONTRACTOR TO RESTORE/REPLACE ALL LANDSCAPING IN KIND TO EQUAL OR BETTER CONDITION.

LEGEND

- TC TOP OF CURB
- FL GUTTER FLOWLINE
- EG EXISTING GRADE
- SW SIDEWALK
- X, X% DOWNWARD SLOPE
- ← CURB RAMP
- LANDING
- CROSS SLOPE TRANSITION PANEL
- DETECTABLE WARNING SURFACE (2-FT MIN FROM BACK OF CURB)
- ASPHALT PATCH
- PEDESTRIAN POLE AND BASE
- PUSH BUTTON



REVISIONS

Rev.	Des.	By.

PERIWINKLE PATH EXTENSION CURB RETURN

Job No. AKS JOB #8232
Designed By: RCW
Drawn By: GMB
Checked By: RCW
Date: 04/13/22

AKS ENGINEERING & FORESTRY, LLC
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C100

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

JUNCTION BOXES

- RETAIN AND PROTECT EXISTING JUNCTION BOX
- RETAIN AND PROTECT EXISTING SAND POCKET
- REMOVE EXISTING JUNCTION BOX
- JUNCTION BOX (SEE SIGNAL PLAN)
- INSTALL (T=TYPE) JUNCTION BOX. SEE ODOT STANDARD DRAWING TM472 FOR TYPES AND DIMENSIONS
- 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
- DETECTOR CONDUIT (SEE DETECTOR PLAN)
- ELECTRICAL CONDUIT (SEE SIGNAL PLAN)
- INSTALL SIZE (S=size) INCH CONDUIT

SIGNS

- RETAIN AND PROTECT EXISTING INTERIOR ILLUMINATED SIGN

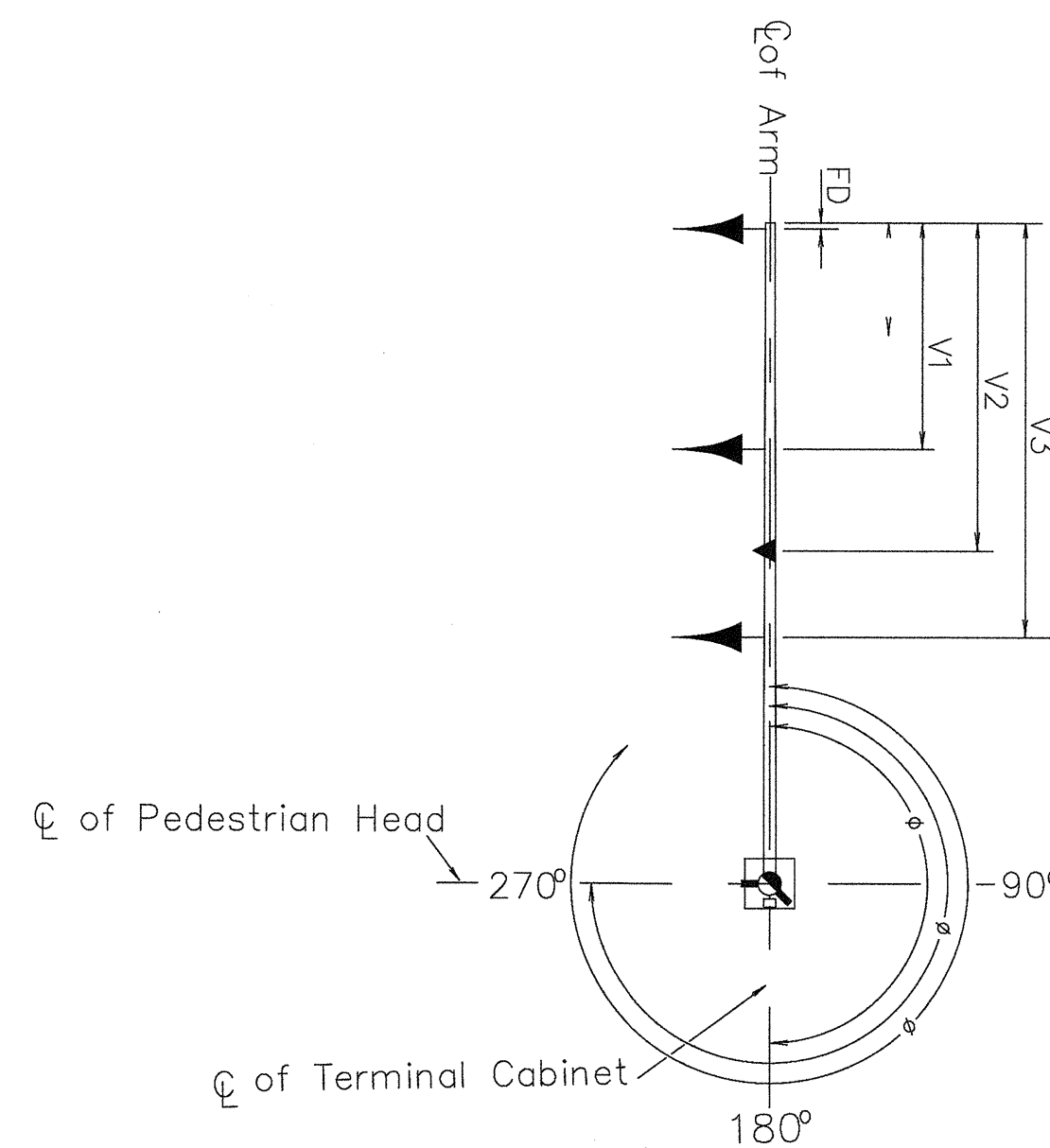
DETECTION

- 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

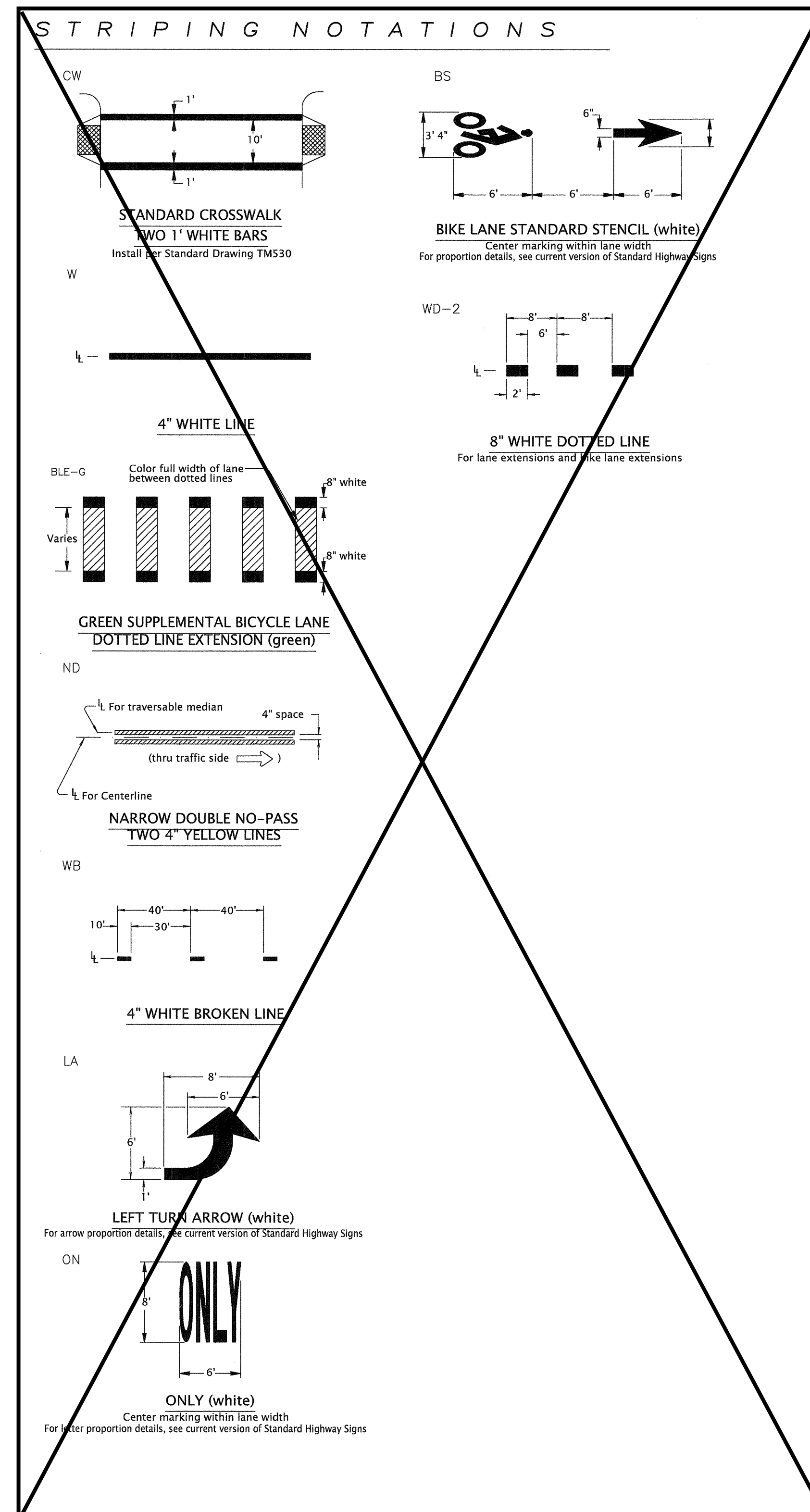
- RETAIN AND PROTECT EXISTING WIRING
- REMOVE EXISTING WIRING
- REINSTALL EXISTING WIRING
- INSTALL (N) NO. 8 TYPE THWN (SIGNAL SYSTEM COMMON)
- INSTALL (N) NO. (G) TYPE THWN WIRES

ORIENTATION DIAGRAM

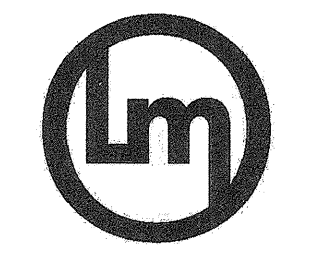


STRIPING SYMBOLS

- REMOVE EXISTING (V=STRIPING NOTATION)
- EXISTING (V=STRIPING NOTATION)
- INSTALL (V=STRIPING NOTATION)



STRIPING DETAILS
NOT PART OF THIS
CONTRACT



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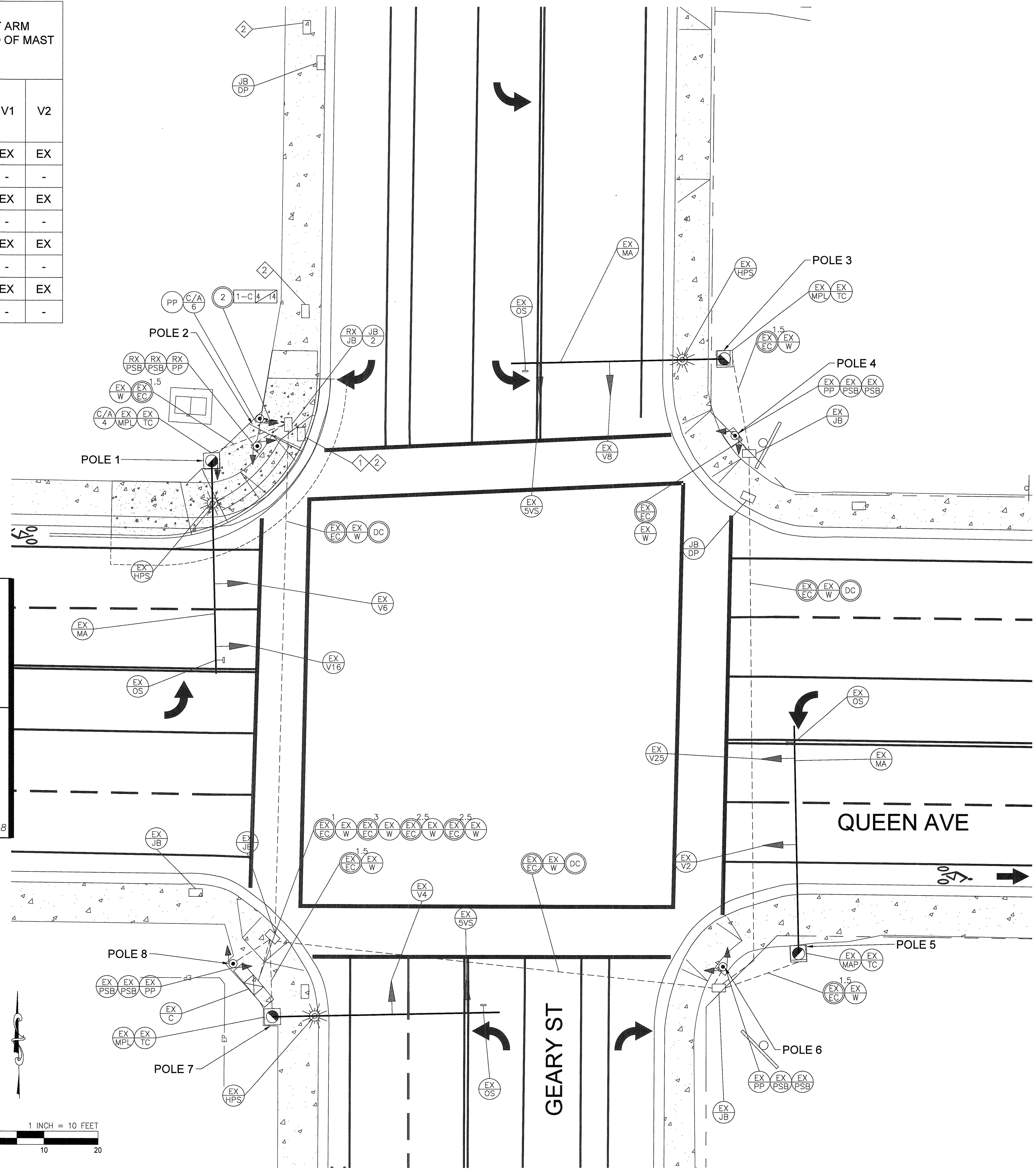
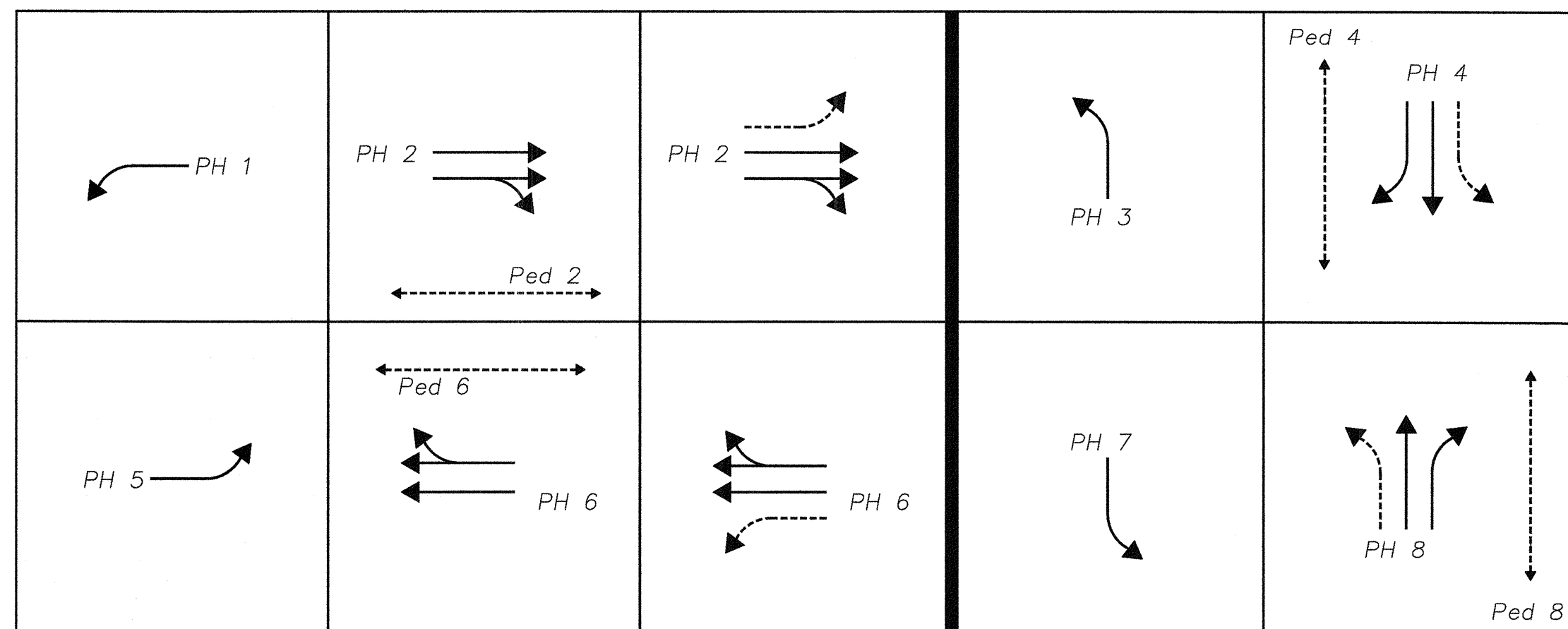
**PERIWINKLE PATH EXTENSION
SIGNAL, DETECTION, AND STRIPING
LEGEND**
Albany, Oregon

Job No. 20100
Designed By: JLH
Drawn By: JLH
Checked By: TEM
Date: 4/13/22

POLE ENTRANCE CHART

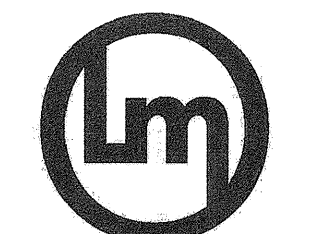
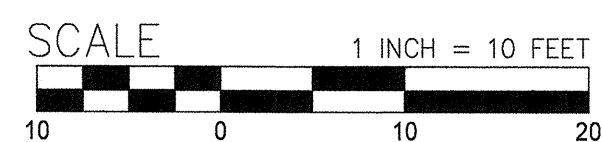
SEE TM457 THRU TM650		EQUIPMENT ON POLE		ORIENTATION ANGLE			EQUIPMENT ON MAST ARM DISTANCE FROM THE END OF MAST ARM			
POLE NO.	TYPE	MAST ARM ORIENTATION	LUMINAIRE ORIENTATION	TERM CABINET DEGREE	PED PUSHBUTTON DEGREE	PED SIGNAL DEGREE	ARM LENGTH	FIRE PREEMPTION	V1	V2
1	MAP	EX	-	EX	270	270	40	-	EX	EX
2	PP	-	-	-	0	180	-	-	-	-
3	MPL	EX	EX	EX	-	-	40	-	EX	EX
4	PP	-	-	-	EX, EX	EX, EX	-	-	-	-
5	MAP	EX	-	EX	-	-	40	-	EX	EX
6	PP	-	-	-	EX, EX	EX, EX	-	-	-	-
7	MAP	EX	EX	EX	-	-	40	-	EX	EX
8	PP	-	-	-	EX, EX	EX, EX	-	-	-	-

NORMAL PHASE ROTATION DIAGRAM



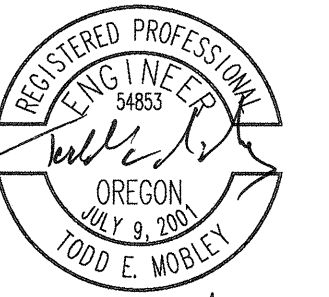
CONSTRUCTION NOTES

- 1 JUNCTION BOX IS USED FOR RED LIGHT CAMERA. COORDINATION TO RELOCATE THE JUNCTION BOX SHALL BE DONE PRIOR TO CONSTRUCTION.
- 2 CONTACT RED LIGHT CAMERA VENDOR, REDFLEX, FOR IMPACT TO EQUIPMENT. CHRIS RENZI (915) 727-1990



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EXPIRES 12/31/2022

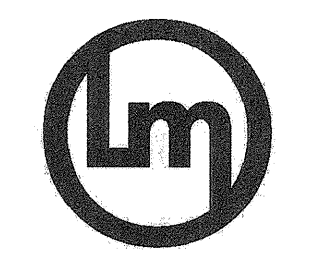
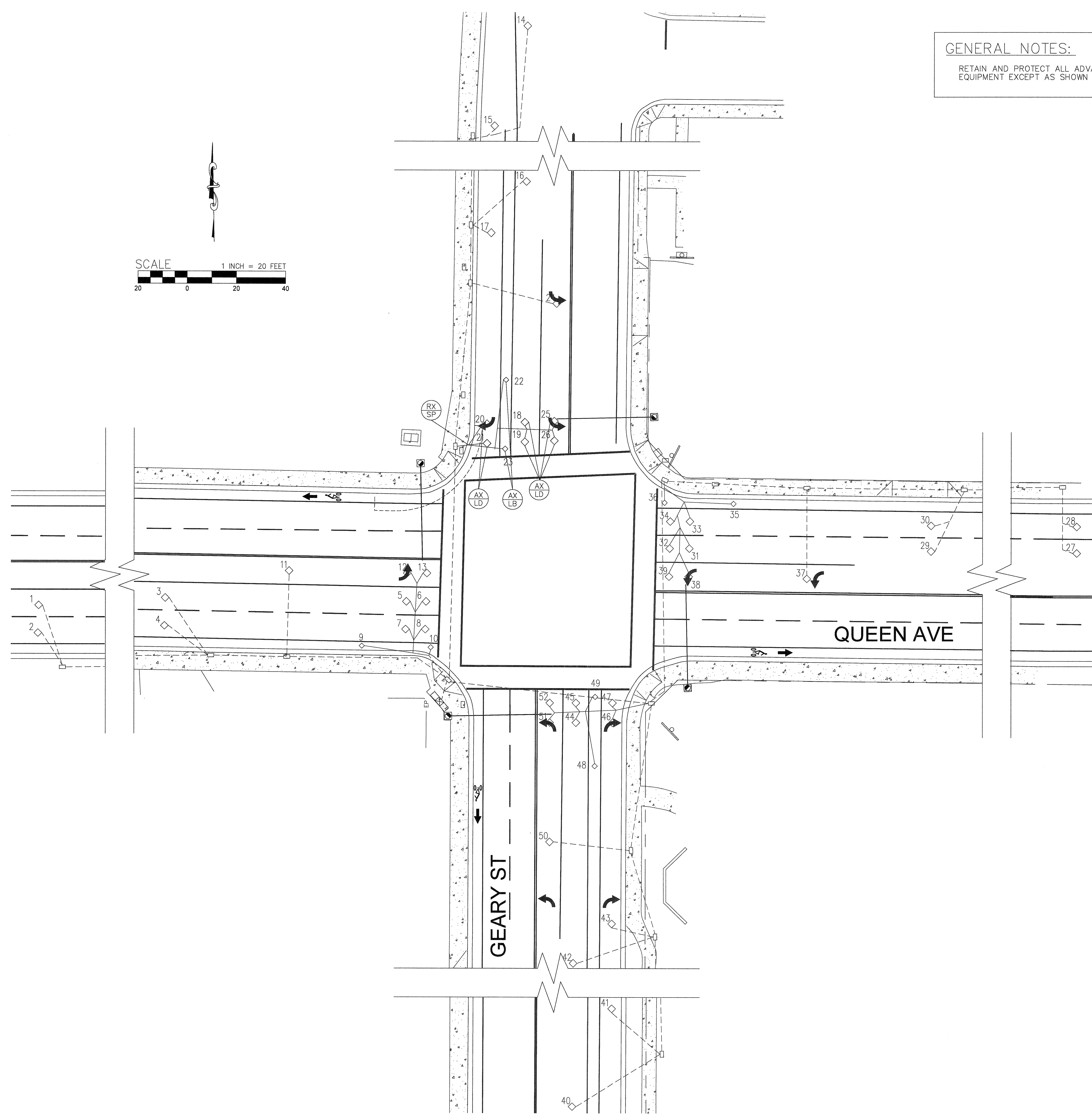
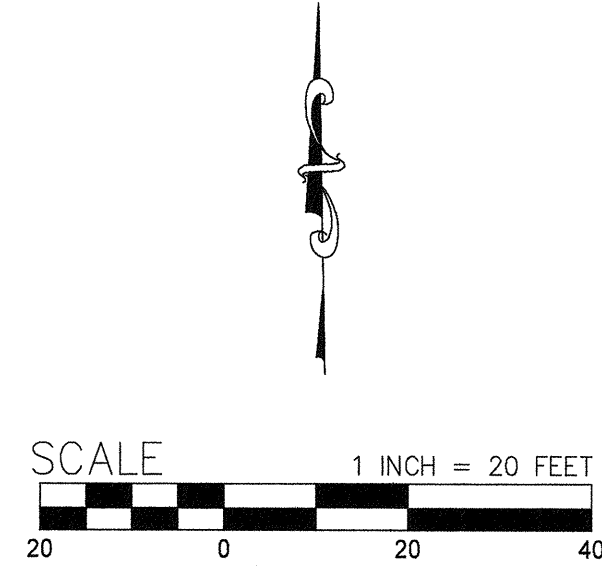
REVISIONS

Rev.	By:	Des.

**PERIWINKLE PATH EXTENSION
QUEEN AVE AT GEARY ST**
Signal Modification Plan
Albany, Oregon

Job No. 20100
Designed By: JLH
Drawn By: JLH
Checked By: TEM
Date: 4/13/22

GENERAL NOTES:
 RETAIN AND PROTECT ALL ADVANCE LOOPS AND DETECTION EQUIPMENT EXCEPT AS SHOWN HERE FOR REMOVAL



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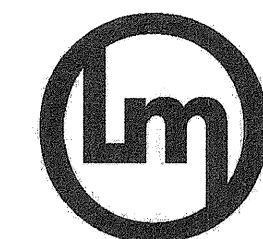
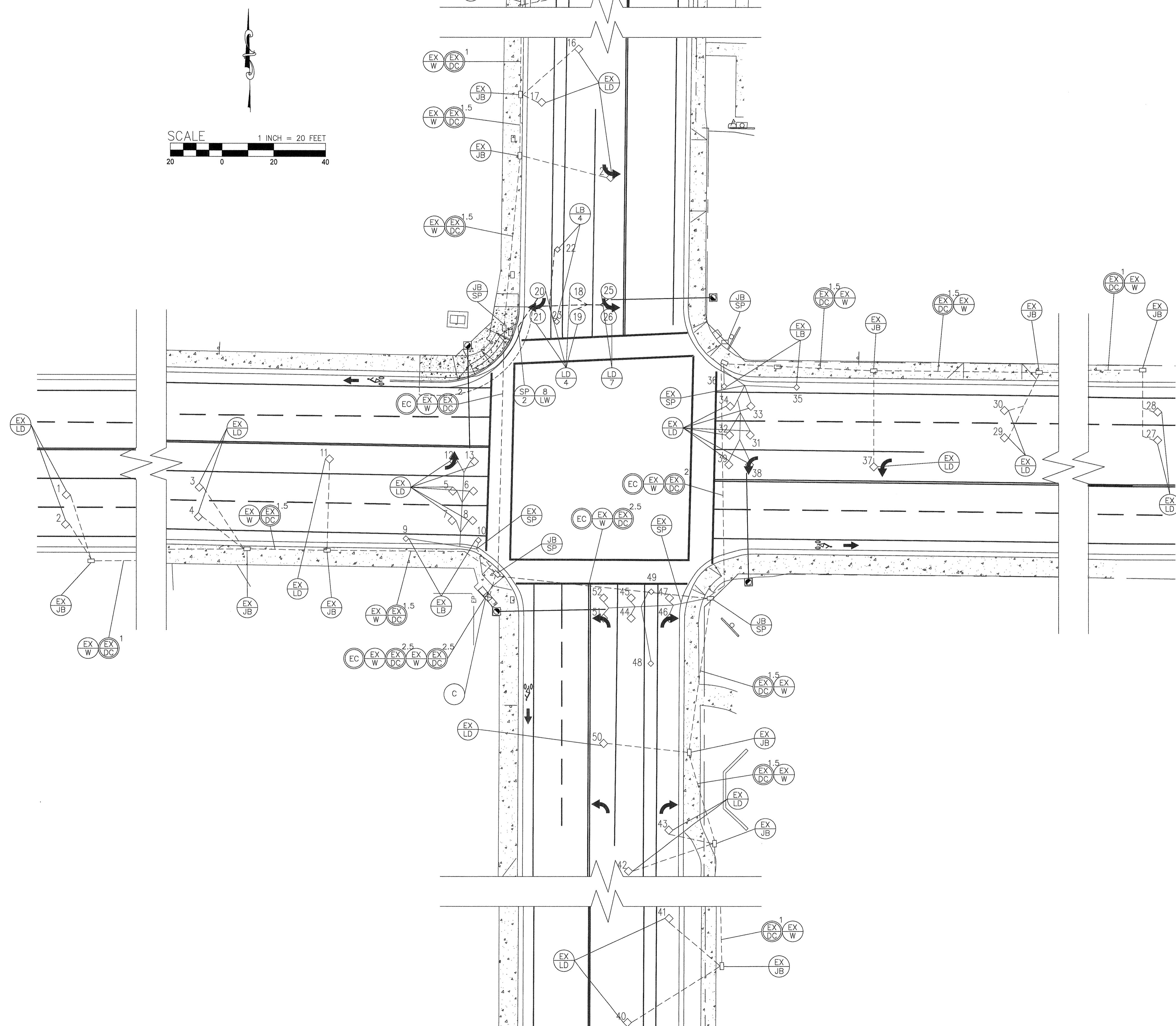
**PERIWINKLE PATH EXTENSION
 QUEEN AVE AT GEARY ST**
 Detection Removal Plan
 Albany, Oregon

Job No. 20100
 Designed By: JLH
 Drawn By: JLH
 Checked By: TEM
 Date: 4/13/22

T3

LOOP/RADAR WIRING DIAGRAM

LOOP #	DISTANCE (FEET)	PHASE	FUNCTION	SLOT
1	215	2	E, C, CO	I2U
2	215			
3	105	2	E, C, CO	I2L
4	105			
5	15	2	E, C	I3U
6	5			
7	15			
8	5			
9	25	2	E, C, CO	I3L
10	5			
11	71	5	E, C, CO	J1U
12	15			
13	5	5	E, C	J9U
14	217			
15	177	4	E, C, CO	I6U
16	107			
17	87	4	E, C, CO	I6L
18	15			
19	5	4	E, C	I7U
20	15			
21	5	4	E, C, CO	I7L
22	25			
23	5			
24	73			
25	15	7	E, C, CO	J5U
26	5			
27	220	7	E, C	J9L
28	220			
29	110	6	E, C, CO	J2U
30	110			
31	15	6	E, C, CO	J2L
32	5			
33	15	6	E, C	J3U
34	5			
35	25	6	E, C, CO	J3L
36	5			
37	75	1	E, C, CO	I1U
38	15			
39	5	1	E, C	I9U
40	220			
41	180	8	E, C, CO	J6U
42	110			
43	90	8	E, C, CO	J6L
44	15			
45	5	8	E, C	J7U
46	15			
47	5	8	E, C, CO	J7L
48	25			
49	5	3	E, C	I5U
50	75			
51	15	3	E, C, CO	I9L
52	5			



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**PERIWINKLE PATH EXTENSION
QUEEN AVE AT GEARY ST**
Detection Install Plan
Albany, Oregon

Job No. 20100
Designed By: JLH
Drawn By: JLH
Checked By: TEM
Date: 4/13/22