CITY OF WEST LINN
PIMLICO DRIVE
SIDEWALK INFILL PROJECT

PW-20-04

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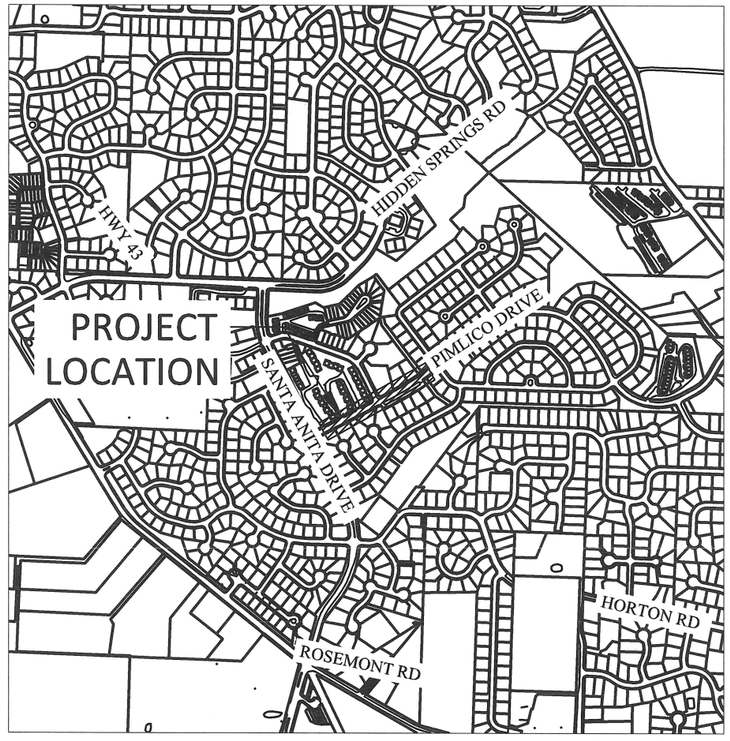
9	C2.4	ADA IMPROVMENTS
ATTACHMENT	RD759	STANDARD DETAILS



VICINITY MAP
NOT TO SCALE

N

GENERAL NOTE

All work within the public right-of-way shall conform to the current ODOT Oregon Standard Specifications for Construction

GIS BASE MAP INFORMATION

Data Source: West Linn GIS
OGIC Disclaimer: This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary date and information sources to ascertain the usability of the information.

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).

811 Know what's below. Call before you dig.

City of West Linn

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22500 SALAMO ROAD
WEST LINN, OREGON 97068
WWW.WESTLINNOREGON.GOV
PHONE: (503) 567-0331
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REGISTERED PROFESSIONAL ENGINEER
87272PE
OREGON
MAR 30, 2020
LANCE E. CALVERT
Exp. 12/31/21

Pimlico Drive
Sidewalk Infill Project

Cover Sheet

PROJECT DATA

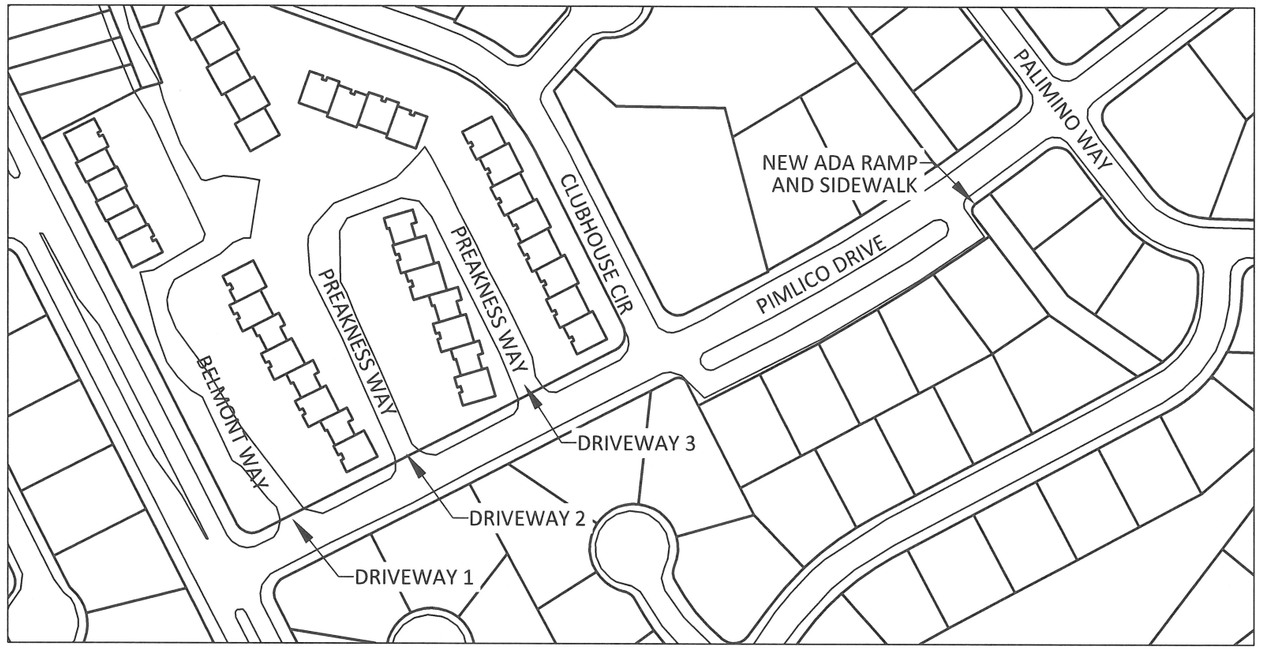
PROJECT NO.:	PW-20-04
DESIGNED BY:	DD/BV/CB
DRAWN BY:	DD
CHECKED BY:	LCALVERT
DATE:	MARCH 2020

REVISION

DATE	DESCRIPTION

SHEET

CS



PROJECT MAP
N.T.S.

QUANTITIES

Item Description	Spec	Unit	Total
CONCRETE CURBS	00759.90(a)	LF	57
CONCRETE WALKS	00759.90(e)	SF	1663
TRUNCATED DOMES ON NEW SURFACES	00759.90(o)	EA	1
ASPHALT APPROACHES	00749.92(a)	EA	3
REMOVAL OF CURBS	00310.92(b)	LF	116
REMOVAL OF WALKS AND DRIVEWAYS (CONCRETE)	00310.92(c)	SY	54
REMOVAL OF WALKS AND DRIVEWAYS (ASPHALT)	00310.92(c)	SY	229

GENERAL NOTES:

1. All construction shall conform to the current City of West Linn Public Works Standards. The ODOT Standard Specifications for Construction will apply for measurement and payment.
2. This set of plans has been reviewed for compliance with City of West Linn requirements prior to issuance for construction. However, such review shall not prevent the City Engineer from requiring correction of errors or omissions in plans found to be in violation of any law or ordinance.
3. The City Engineer does not warrant any quantities shown on these plans. Quantities are estimates. Unit pricing to be used for all construction.
4. The Engineering Division, Inspection Section shall be notified twenty-four (24) hours prior to any construction work by telephone at 503-722-5500. Any work concealed without inspection shall be subject to removal and replacement at the Contractor's expense.
5. An approved set of plans must be available on the job site at all times. The contractor's representative (capable of communicating with the City's representatives) shall be on the job at all times the work is being pursued.
6. The Contractor is responsible to provide emergency telephone numbers to the City of West Linn at time of receiving project Notice to Proceed and have personnel available 24-hours a day to respond to emergencies. If the City is required to respond and make emergency repairs on behalf of the Contractor, the Contractor is responsible to reimburse the City for all costs incurred.
7. It is understood that there will be interfering utilities, service laterals, and other underground pipes, drains or structures encountered on underground projects that are not shown or are shown incorrectly on the plans and/or have not been previously discovered in the field. Contractor agrees this is a normal and usual occurrence in the construction of underground improvements. Furthermore, bidders understand and agree that work in some cases must be done in close proximity to said utilities and underground pipes, drains, and structures which may require a change in operations and may cause sloughing of the trench, additional traffic control, additional pavement and backfill costs, and time. The contractor agrees that a reasonable number of these occurrences are usual and ordinary on underground projects and are reflected in the bid and plan of operation.
8. It is the responsibility of the contractor to obtain any and all other permits and meet any requirements set forth by other agencies or utilities which have jurisdiction at the contractors expense.

TRAFFIC CONTROL GENERAL NOTES:

1. No road closure shall be allowed without City Engineer's prior approval as delegated by the City Manager.
2. Traffic control shall conform to the ODOT Temporary Traffic Control Handbook and MUTCD. The Contractor shall submit a Traffic Control Plan to the City of West Linn Engineering Division for review and acceptance a minimum of 48-hours prior to construction. A copy of the accepted Traffic Control Plan must remain on the job site at all times.
3. Maintain vehicular, bicycle, pedestrian, bus, and emergency vehicle access to area homes throughout construction.

CONSTRUCTION NOTES:

1. Contractor shall provide erosion control best management practices per City of West Linn standards. Provide catch basin protection and continual sweeping so that no mud, sediment, or rock is left on the streets.
2. The contractor is responsible for all construction surveying and construction staking for the project.
3. Water used for construction must be filled at the designated tanker fill sites located next to 1970 8th Avenue and Wilderness Park. Hydrant meters will not be provided.
4. Contractor shall provide ingress and egress to residential driveways with limited delay.
5. No vehicle shall be permitted to work on this project that has more than one (1) drop axle in which raising the additional axles would cause the vehicle to exceed legal load limits. This includes a rear tag axle.
6. Working Hours: 7:00 AM - 5:00 PM Monday - Friday
   9:00 AM - 5:00 PM Saturday - Sunday & Holidays

ADDITIONAL NOTES:

1. Contractor shall be responsible for all construction surveying and construction staking. Final grades as determined by City Engineer.
2. All existing asphalt/concrete shall be sawcut for removal with no additional compensation.
3. Portland cement base treatment quantities are based on an estimated ratio of 5% dry weight of cement. Final mix to be approved by City Engineer..
4. Curb radii are not shown to scale in this drawing. Contractor to match existing curb radii.
5. Contractor shall coordinate with City Water Division for any service shutdowns.

West Linn
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REGISTERED PROFESSIONAL ENGINEER
87272PE
OREGON
MAR 30, 2020
LANCE E. CALVERT
12/31/21

Pimlico Drive
Sidewalk Infill Project

General Notes

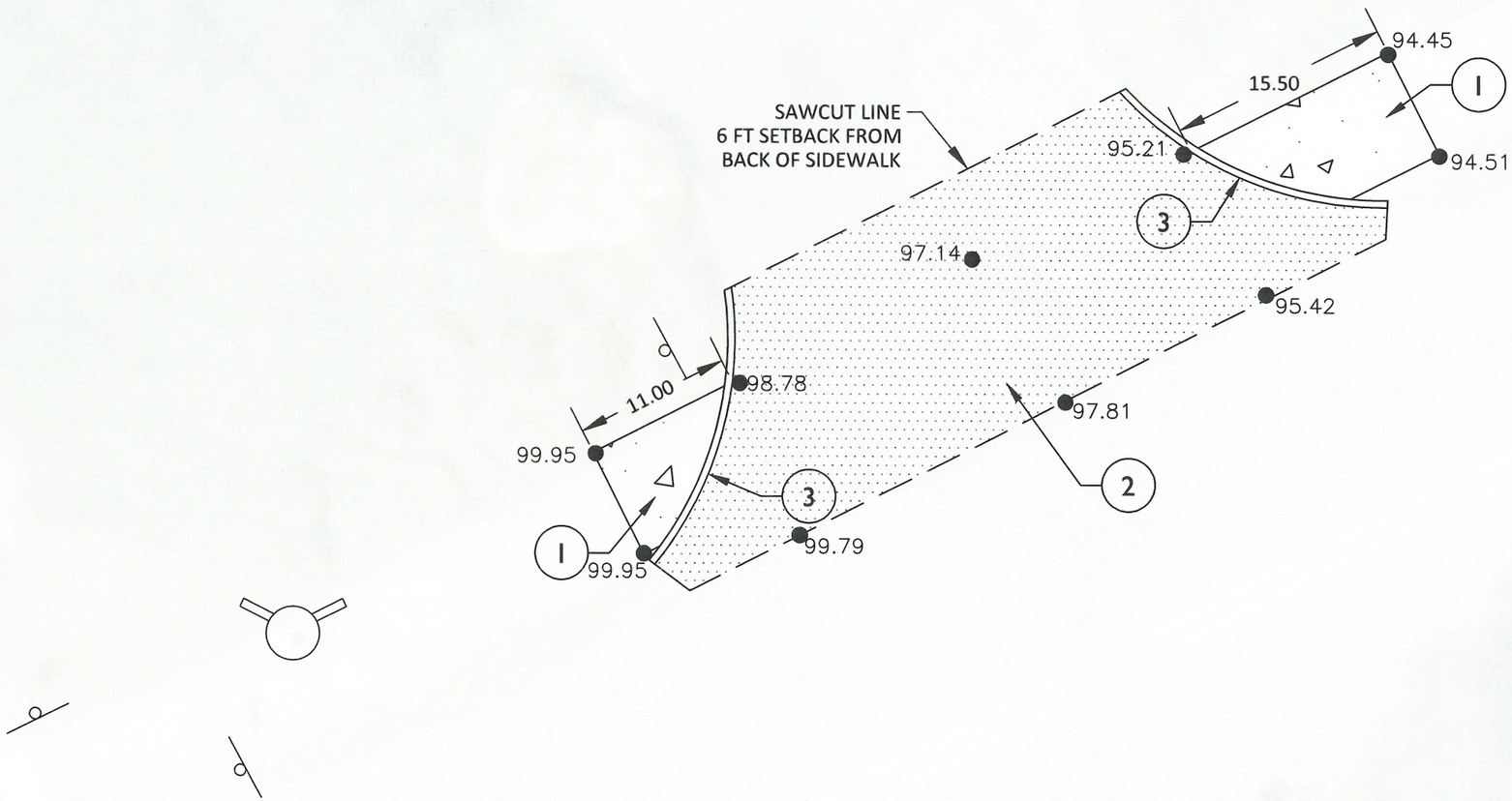
PROJECT DATA

PROJECT NO.:	PW-20-04
DESIGNED BY:	DD/BV/CB
DRAWN BY:	DD
CHECKED BY:	LCALVERT
DATE:	MARCH 2020

REVISION

DATE	DESCRIPTION

SHEET
GN



ITEM NOTES

1	REMOVAL OF WALKS	16	SY
2	REMOVAL OF DRIVEWAYS	83	SY
3	REMOVAL OF CURBS	41	LF

OTHER NOTES

- ELEVATIONS SHOWN ARE IN FEET AND ARE RELATIVE TO A BENCHMARK SET AT 100 FEET

LEGEND

CONCRETE
ASPHALT
SAWCUT LINE
EXISTING HYDRANT
EXISTING SIGN

0 10 20 FEET
SCALE: 1"=10'

N

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87272PE
OREGON
MAR 30, 2020
LANCE E. CALVERT
6/12/20

Pimlico Drive
Sidewalk Infill Project

Driveway 1 Removals

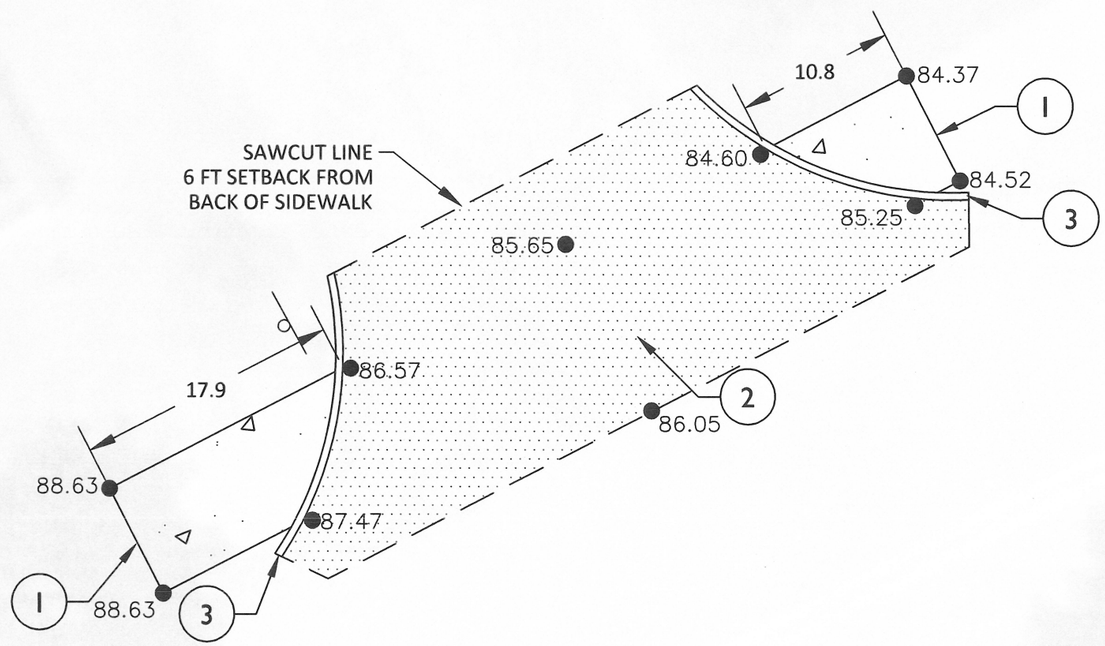
PROJECT DATA

PROJECT NO.:	PW-20-04
DESIGNED BY:	DD/BV/CB
DRAWN BY:	DD
CHECKED BY:	LCALVERT
DATE:	MARCH 2020

REVISION

DATE	DESCRIPTION

SHEET
R1.1
3 OF 9



ITEM NOTES

1	REMOVAL OF WALKS	19	SY
2	REMOVAL OF DRIVEWAYS	78	SY
3	REMOVAL OF CURBS	32	LF

OTHER NOTES

- ELEVATIONS SHOWN ARE IN FEET AND ARE RELATIVE TO A BENCHMARK SET AT 100 FEET

LEGEND

CONCRETE
ASPHALT
SAWCUT LINE
EXISTING HYDRANT
EXISTING SIGN

0 10 20 FEET
SCALE: 1"=10'

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REGISTERED PROFESSIONAL ENGINEER 87272PE OREGON MAR 30, 2020 LANCE E. CALVERT

Pimlico Drive
Sidewalk Infill Project

Driveway 2 Removals

PROJECT DATA

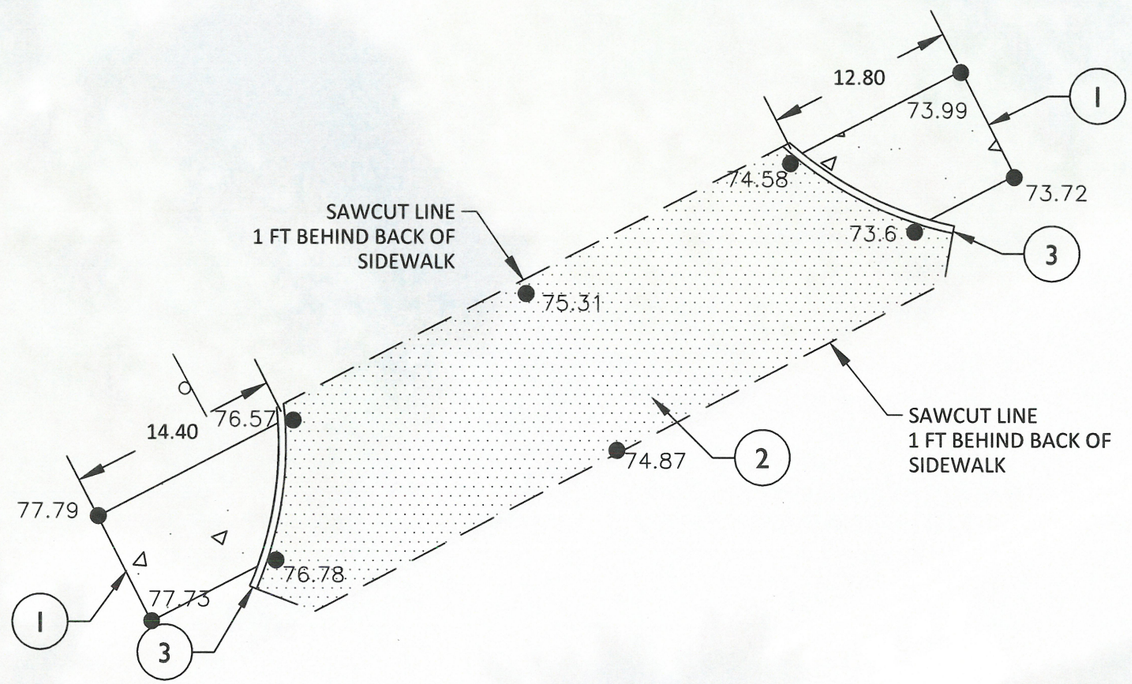
PROJECT NO.:	PW-20-04
DESIGNED BY:	DD/BV/CB
DRAWN BY:	DD
CHECKED BY:	LCALVERT
DATE:	MARCH 2020

REVISION

DATE	DESCRIPTION

SHEET

R1.2



ITEM NOTES

1	REMOVAL OF WALKS	19	SY
2	REMOVAL OF DRIVEWAYS	68	SY
3	REMOVAL OF CURBS	31	LF

OTHER NOTES

- ELEVATIONS SHOWN ARE IN FEET AND ARE RELATIVE TO A BENCHMARK SET AT 100 FEET

LEGEND

CONCRETE
ASPHALT
SAWCUT LINE
EXISTING HYDRANT
EXISTING SIGN

0 10 20 FEET
SCALE: 1"=10'

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87272PE
OREGON
MAR 30, 2020
LANCE E. CALVERT
EXP. 12/31/21

Pimlico Drive
Sidewalk Infill Project

Driveway 3 Removals

PROJECT DATA

PROJECT NO.:	PW-20-04
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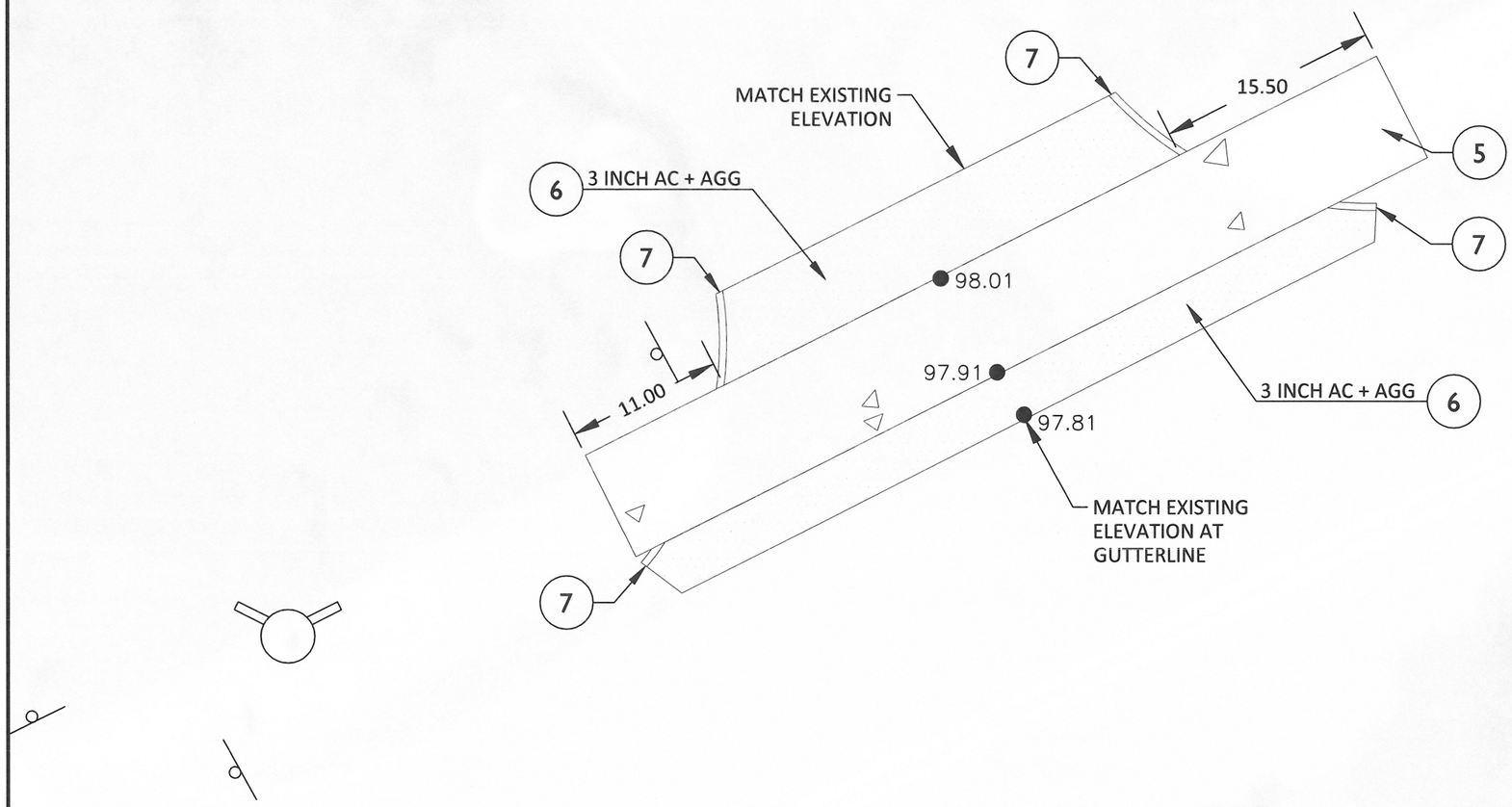
DATE:	MARCH 2020

REVISION

DATE	DESCRIPTION

SHEET
R1.3



ITEM NOTES

5	CONCRETE WALK	492	SF
6	ASPHALT APPROACH	1	EA
7	CONCRETE CURB	19	LF

OTHER NOTES

- CONCRETE DRIVEWAY SHALL BE A MINIMUM OF 6 INCHES THICK (ODOT RD740).
- ADD BASE MATERIAL AS NEEDED IN DRIVEWAY TO MEET FINAL GRADE.
- DESIGN ELEVATIONS SHOWN ARE IN FEET AND ARE RELATIVE TO A BENCHMARK ELEVATION SET AT 100 FT.

LEGEND

CONCRETE

ASPHALT

EXISTING HYDRANT

EXISTING SIGN

0 10 20 FEET

SCALE: 1"=10'

N

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EXP. 12/31/21

Pimlico Drive
Sidewalk Infill Project

Driveway 1 Improvements

PROJECT DATA

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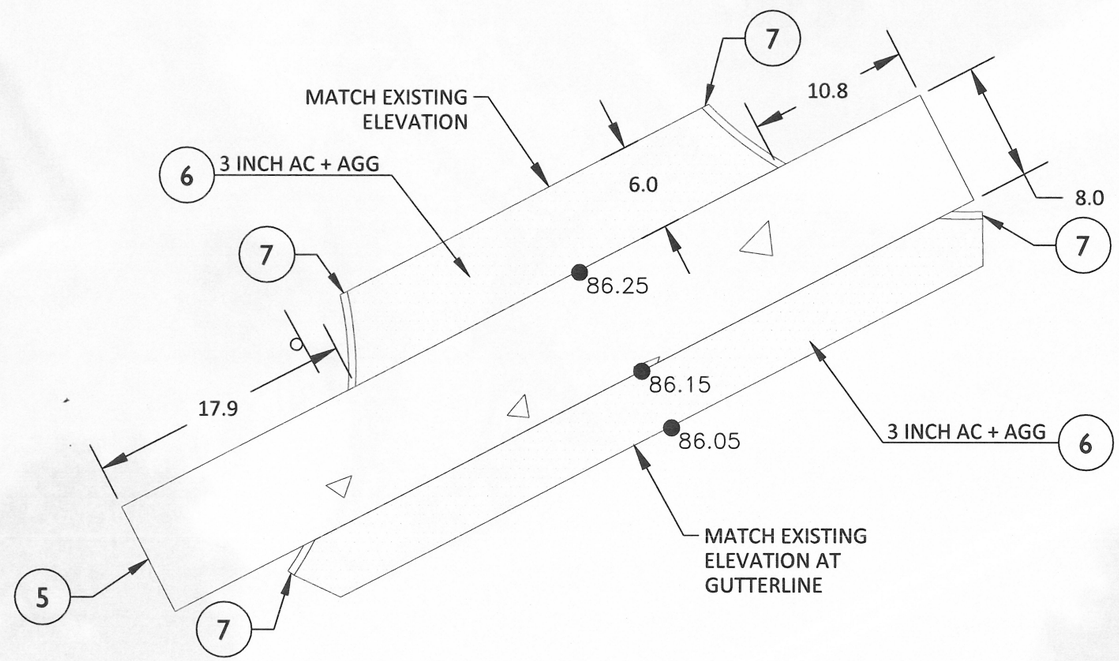
REVISION

DATE	DESCRIPTION

SHEET

C2.1



ITEM NOTES

5	CONCRETE WALK	489	SF
6	ASPHALT APPROACH	1	EA
7	CONCRETE CURB	19	LF

OTHER NOTES

- CONCRETE DRIVEWAY SHALL BE A MINIMUM OF 6 INCHES THICK (ODOT RD740).
- ADD BASE MATERIAL AS NEEDED IN DRIVEWAY TO MEET FINAL GRADE.
- DESIGN ELEVATIONS SHOWN ARE IN FEET AND ARE RELATIVE TO A BENCHMARK ELEVATION SET AT 100 FT.

LEGEND

CONCRETE
ASPHALT
EXISTING HYDRANT
EXISTING SIGN

0 10 20 FEET
SCALE: 1"=10'

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Pimlico Drive
Sidewalk Infill Project

Driveway 2 Improvements

PROJECT DATA

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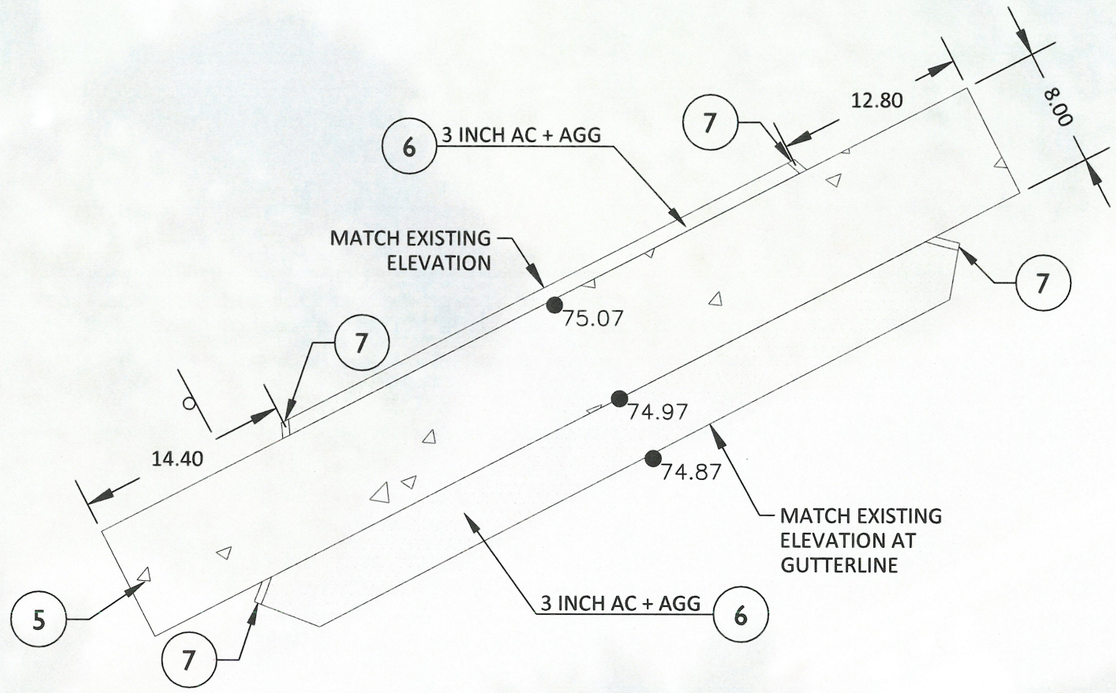
REVISION

DATE	DESCRIPTION

SHEET
C2.2



ITEM NOTES

5	CONCRETE WALK	530	SF
6	ASPHALT APPROACH	1	EA
7	CONCRETE CURB	7	LF

OTHER NOTES

- CONCRETE DRIVEWAY SHALL BE A MINIMUM OF 6 INCHES THICK (ODOT RD740)
- ADD BASE MATERIAL AS NEEDED IN DRIVEWAY TO MEET FINAL GRADE
- DESIGN ELEVATIONS SHOWN ARE IN FEET AND ARE RELATIVE TO A BENCHMARK ELEVATION SET AT 100 FT.

LEGEND

CONCRETE
ASPHALT
EXISTING HYDRANT
EXISTING SIGN

0 10 20 FEET

N

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Pimlico Drive
Sidewalk Infill Project

Driveway 3 Improvements

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REVISION

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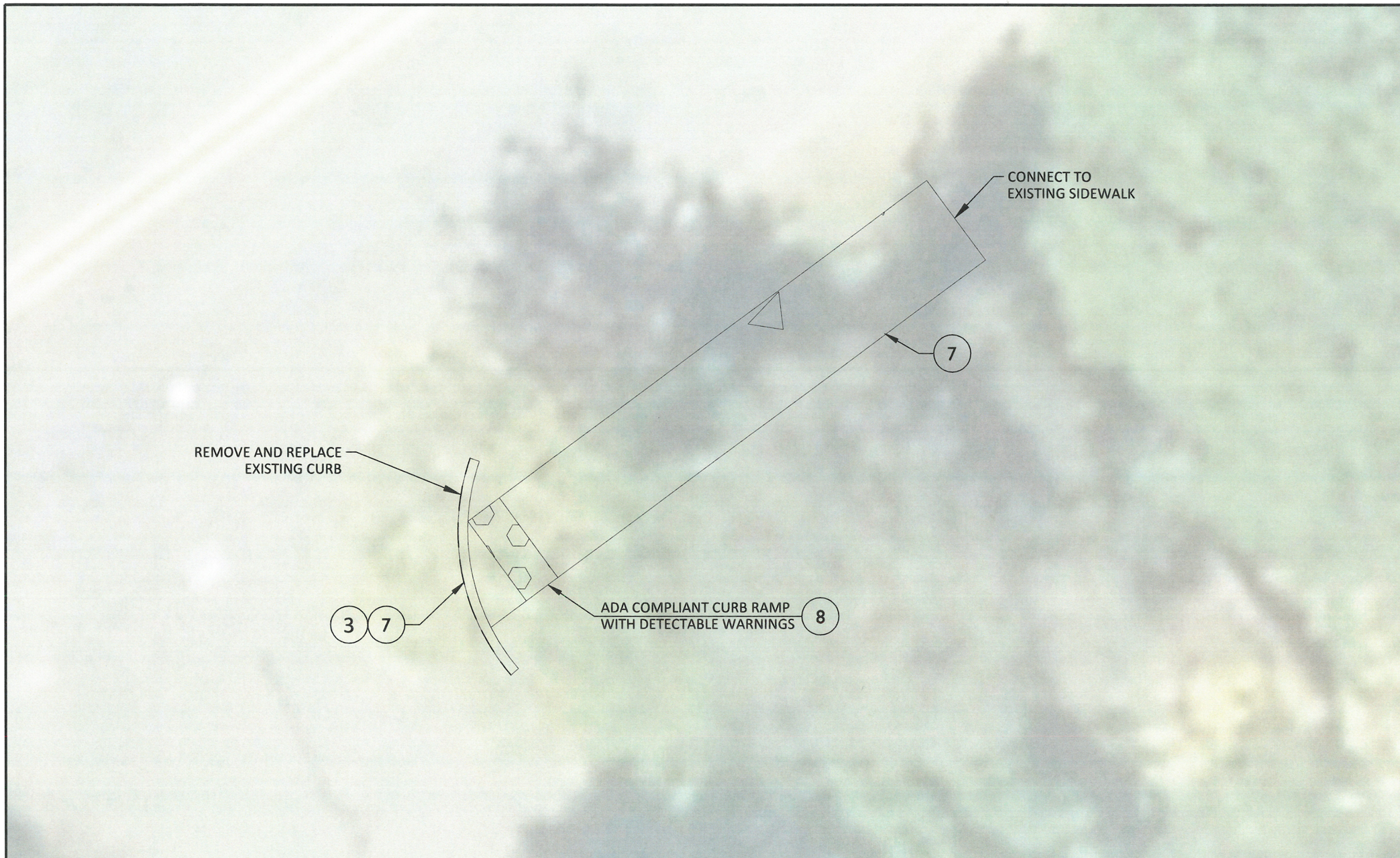
SHEET
C2.3
8 OF 9



ITEM NOTES

3	REMOVAL OF CURB	12	LF
5	CONCRETE WALK	152	SF
7	CONCRETE CURB	12	LF
8	TRUNCATED DOMES ON NEW SURFACES	1	EA

OTHER NOTES

- NEW ADA CURB RAMP TO BE CONSTRUCTED PER ODOT RD759

LEGEND

CONCRETE

DETECTABLE WARNINGS

0 5 10 FEET

SCALE: 1"=5'

N

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MAR 30, 2020
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Pimlico Drive
Sidewalk Infill Project

ADA Improvements

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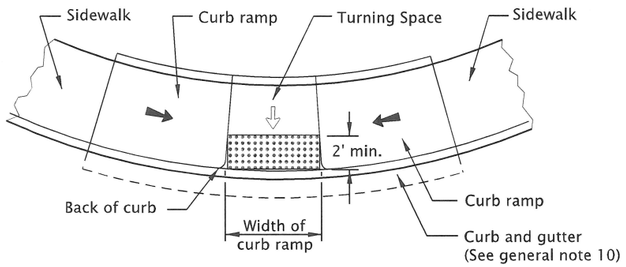
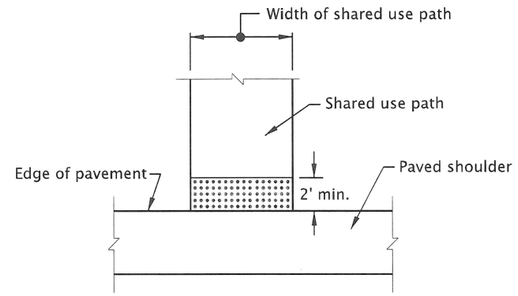
SHEET

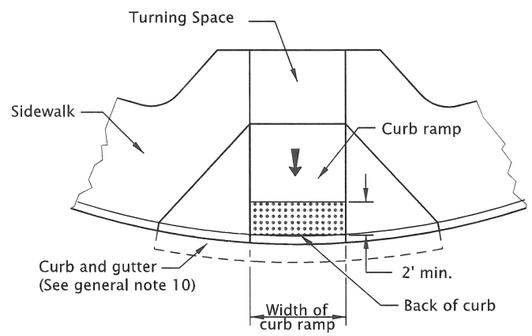
C2.4



PARALLEL CURB RAMP



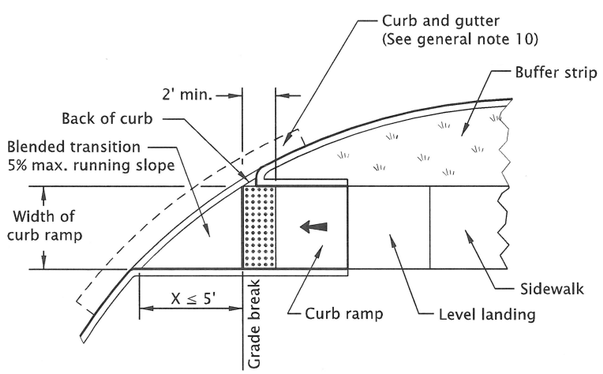
SHARED-USE PATH CONNECTION



PERPENDICULAR CURB RAMP

GRADE BREAK IN FRONT OF CURB

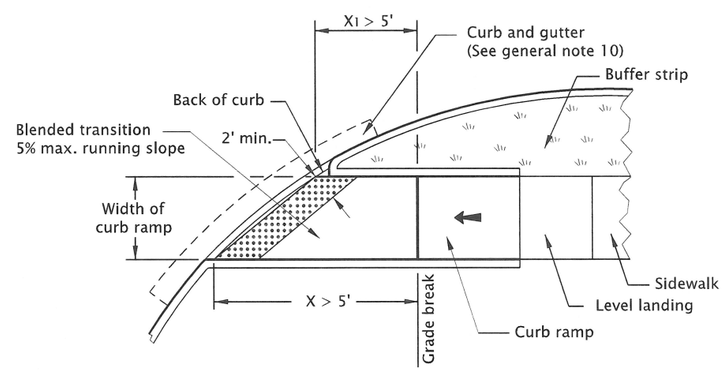
(Detectable warning surface shall be placed in the lower 2' at the back of curb ramp that is adjacent to traffic)



CURB RAMP CROSSING

GRADE BREAK ≤ 5 FT. FROM BACK OF CURB

(Detectable warning surface shall be placed on the bottom of the curb ramp directly above the grade break)



CURB RAMP CROSSING

GRADE BREAK (X or X1) > 5 FT. FROM BACK OF CURB

(Detectable warning surface shall be placed in the lower 2' at the back of curb ramp that is adjacent to traffic)

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Detectable warning surface details & locations are based on ODOT applicable Standards.
2. See project plans for details not shown.
   See Std. Dwgs. RD700 & RD701 for curbs.
   See Std. Dwg. RD720 for sidewalks.
   See Std. Dwgs. TM503 & TM530 for crosswalk markings, widths, etc.
   See Std. Dwgs. RD705 & RD710 for islands.
3. The Detectable Warning Surface shall extend the full width of the curb ramp, or other roadway entrance as applicable. A gap of up to 2 inches on each side of the Detectable warning surface is permitted (Measured at the leading corners of the detectable warning surface panel).
4. Detectable warning surface shall be placed at the back of curb for a minimum depth of 2 ft. at curb ramps that adjacent to traffic. Detectable warning surface may be radial or rectangular, but must comply with the truncated dome size and spacing standards. Detectable warning surface may be cut to meet necessary shape as shown in plans. Color to be safety yellow if no color specified in construction note. For detectable warning surface on or along state highway, alternative colors must be approved.
5. Detectable warning surface shall be used in the following locations:
   a) Curb ramps (See Std. Dwgs. RD755, RD756, & RD757).
   b) Crossing islands (Accessible Route Islands), (See Std. Dwg. RD710).
   c) Rail crossings (See Std. Dwg. RD758).
6. Where public transportation stations (rail, bus, etc.) use platform boarding, detectable warning surface shall be placed along the full edge length of the station, when not protected by platform screens or guards (See Std. Dwg. RD758).
7. Detectable warning surface shall not be used on the following locations:
   a) End of sidewalk transitions that are not at a crosswalk, (See Std. Dwg. RD754).
   b) Driveways, unless constructed with curb return, (See Std. Dwgs. RD725, RD730, RD735, RD740, RD745, & RD750).
   c) Parking lots.
8. **Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.**
9. Where no curb is present, the detectable warning surface shall be placed at the edge of the roadway.
10. On or along state highways, curb and gutter is required at curb ramps.
11. Detectable warning surface placement for perpendicular ramps vary as shown.

Detectable warning surface

Slope 1.5% max.
(Max. 2.0% finished surface slope)

Slope 7.5% max.
(Max. 8.3% finished surface slope)

CALC. BOOK NO. N/A

BASELINE REPORT DATE 21-JUN-2019

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

DETECTABLE WARNING SURFACE DETAILS & PLACEMENT LOCATIONS

2018

DATE	REVISION DESCRIPTION
07-2018	REPLACED DRAWING TITLE, REVISED DETAILS & NOTES
09-2018	REVISED DETAIL & NOTES
01-2019	REVISED DETAIL & NOTES
06-2019	REVISED DETAIL & NOTES

rd759.dgn 21-JUN-2019

RD759

Effective Date: December 1, 2019 - May 31, 2020