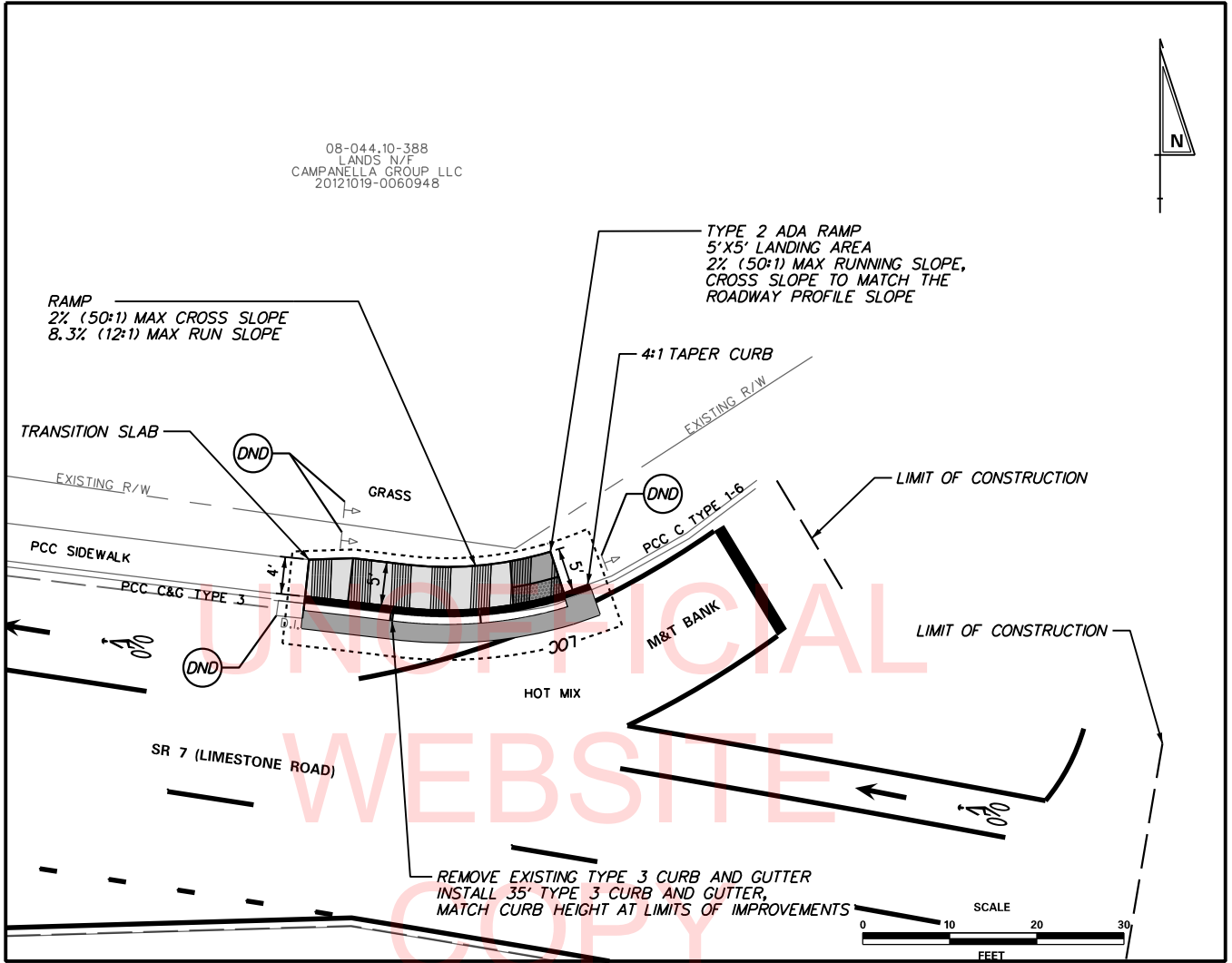


T201606118

Non-Compliant ADA Facilities
Improved by Standard Detail

Limestone Road

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT M&T BANK
CURB RAMP NO.: 9



WORK DESCRIPTION:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL -DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

- RAMP 9:** EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 6.2%);
 EXISTING APPROACH RAMP RUNNING SLOPE EXCEEDS 8.3% (MEASURED AS 13.3%);
 EXISTING LANDING CROSS SLOPE EXCEEDS 2% (MEASURED AS 5.4%);
 EXISTING LANDING HAS NO DETECTABLE WARNING SURFACE.

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\PI\P\W\SE\MICHAEL\DISKO\DMS71142\XS_BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



**DELAWARE
DEPARTMENT OF TRANSPORTATION**

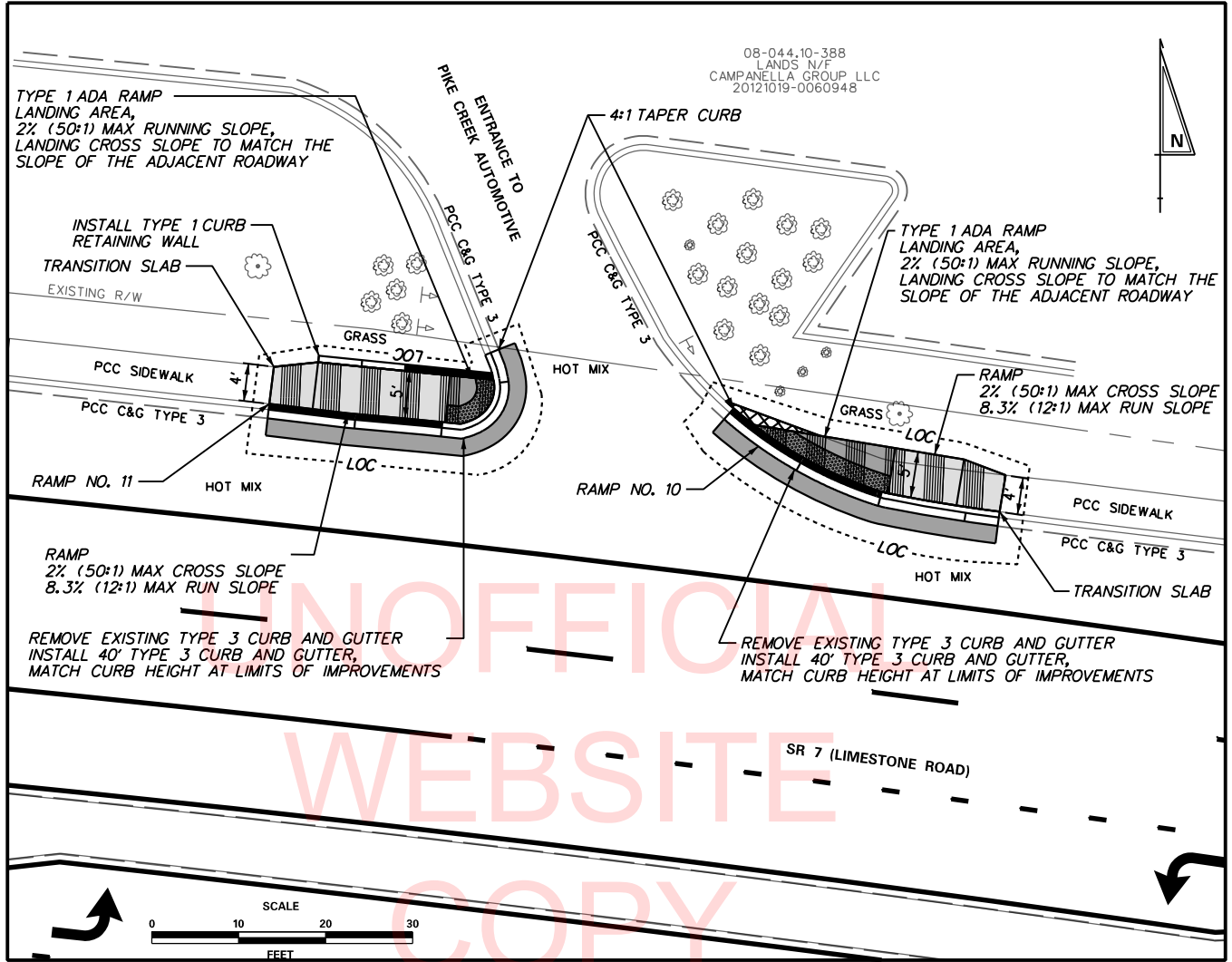
CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF/MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO.	1
TOTAL SHTS.	30

NON-COMPLIANT ADA FACILITY TO BE IMPROVED BY DELDOT STANDARD DETAILS

DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT PIKE CREEK AUTOMOTIVE SE AND NE CORNERS
CURB RAMP NO.: 10 AND 11



08-044,10-388
LANDS N/F
CAMPANELLA GROUP LLC
20121019-0060948

UNOFFICIAL
WEBSITE
COPY

WORK DESCRIPTION:

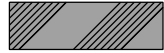


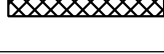
REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL -DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

- RAMP 10: EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 6.1%);
EXISTING LANDING CROSS SLOPE EXCEEDS 2% (MEASURED AS 7.1%);
EXISTING LANDING HAS NO DETECTABLE WARNING SURFACE.
- RAMP 11: EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 6.5%);
EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 11.3%);
EXISTING LANDING HAS NO DETECTABLE WARNING SURFACE.

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 CA:\DMS\PIVISE\MICHAEL.DISKO\DM571142\XS_BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



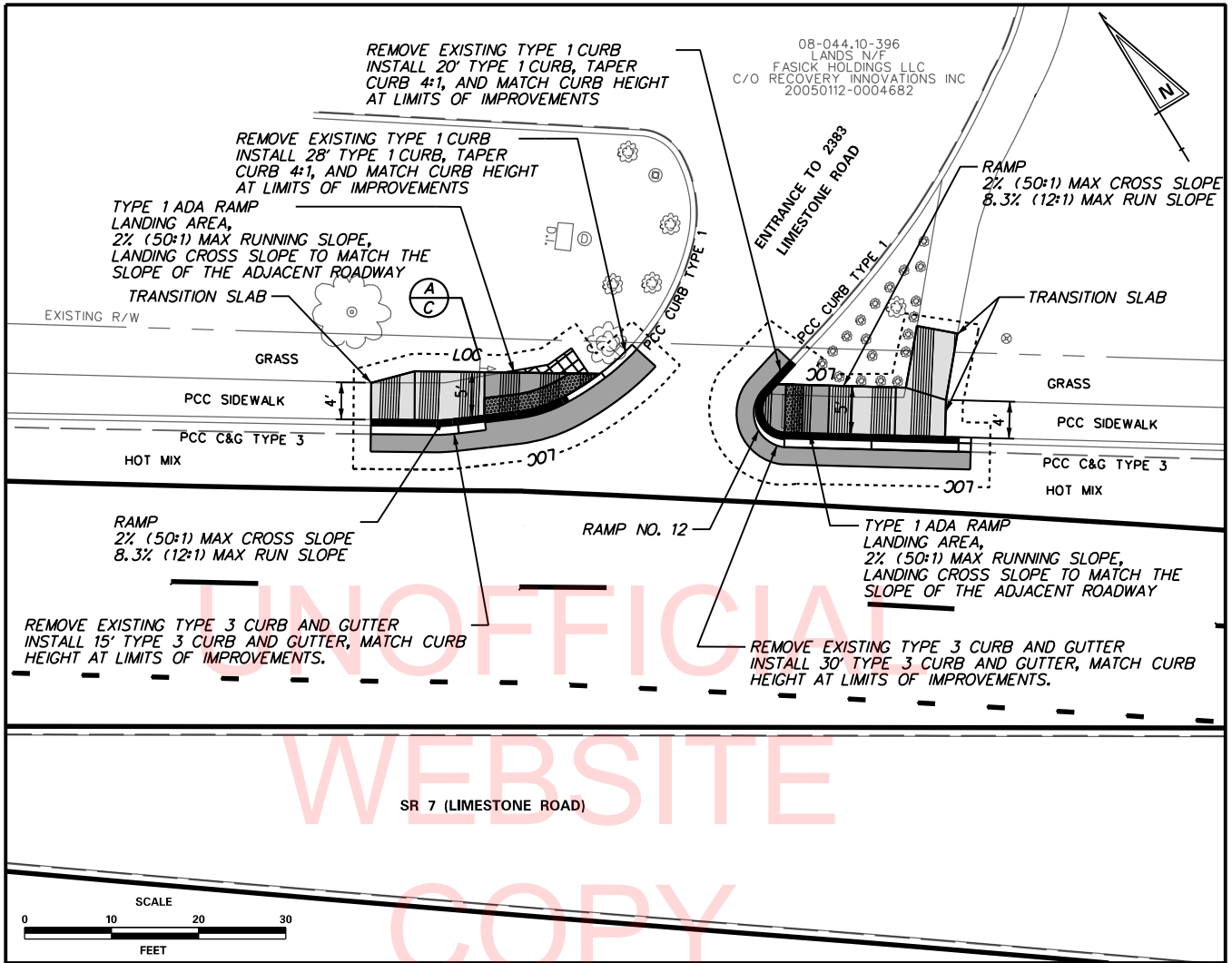
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT	ROAD NO.	31	
T201606118	DESIGNED BY:	AF / MD	
COUNTY	CHECKED BY:	AF	
NEW CASTLE			

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO.	2
TOTAL SHTS.	30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT 2383 LIMESTONE ROAD SE AND NE CORNERS
CURB RAMP NO.: 12 AND 13



WORK DESCRIPTION:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL -DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

- RAMP 12:** EXISTING CURB RAMP WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 48 IN.);
 EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 7.2%);
 EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 3.5%).
- RAMP 13:** EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 6.5%);
 EXISTING LANDING CROSS SLOPE EXCEEDS 2% (MEASURED AS 5.0%).

CHECKLIST:

- ALL WORK IS TO BE PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\PIWISE\MICHAEL\DISKO\DMS71142\XS-BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



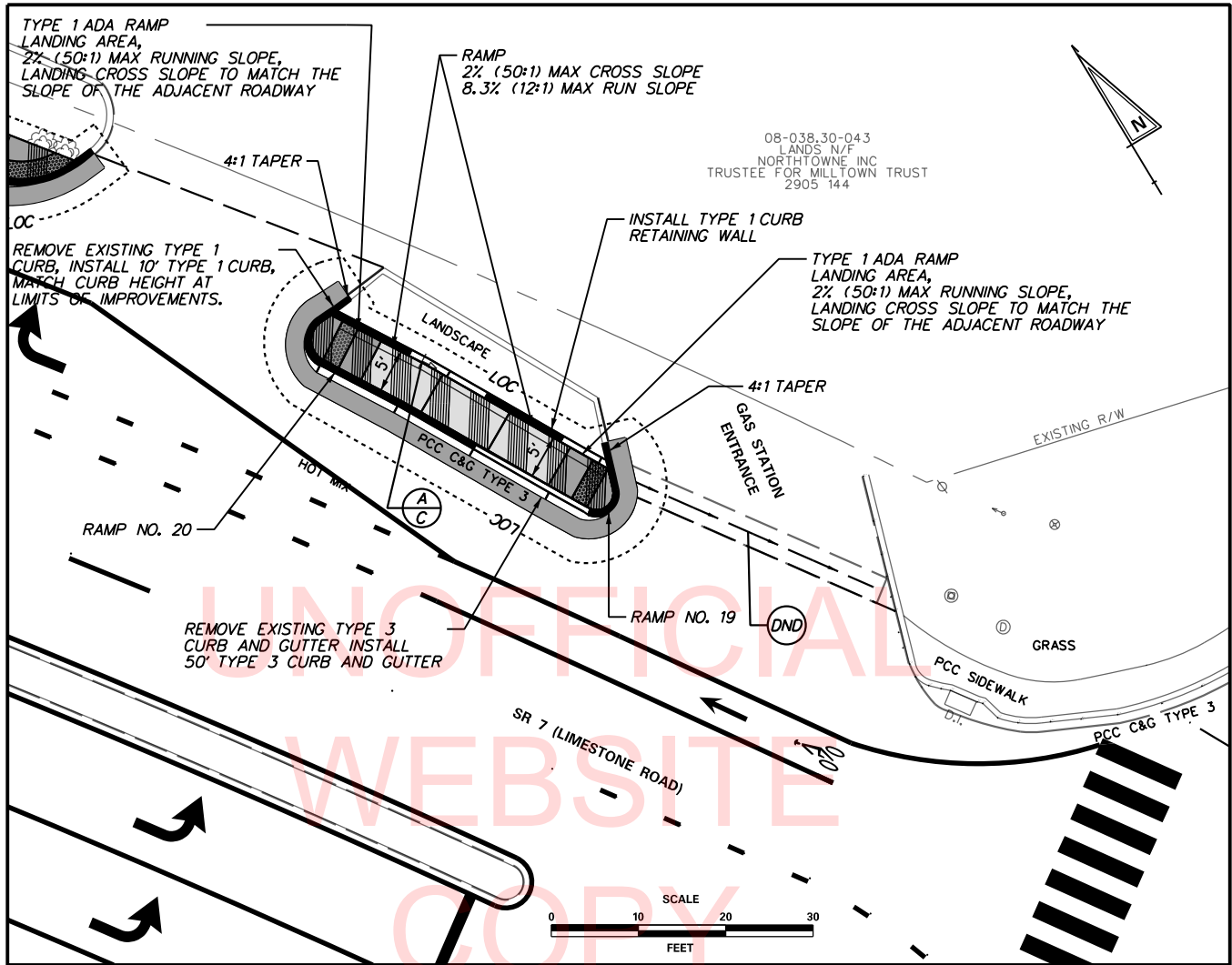
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF / MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO.	3
TOTAL SHTS.	30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT VALERO GAS ENTRANCE NE AND SE CORNERS
CURB RAMP NO.: 19 AND 20



WORK DESCRIPTION:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 1 CURB. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL -DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

- RAMP 19:** EXISTING LANDING HAS NO DETECTABLE WARNING SURFACE;
 EXISTING CURB RAMP RUNNING SLOPE EXCEEDS 8% (MEASURED AS 16.4%);
 EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 4.4%)
- RAMP 20:** EXISTING LANDING HAS NO DETECTABLE WARNING SURFACE;
 EXISTING CURB RAMP RUNNING SLOPE EXCEEDS 8% (MEASURED AS 9.9%);
 EXISTING CURB RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 5.8%);
 EXISTING LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 38 IN.);
 EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 11.5%);
 EXISTING LANDING CROSS SLOPE EXCEEDS 2% (MEASURED AS 6.9%)

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

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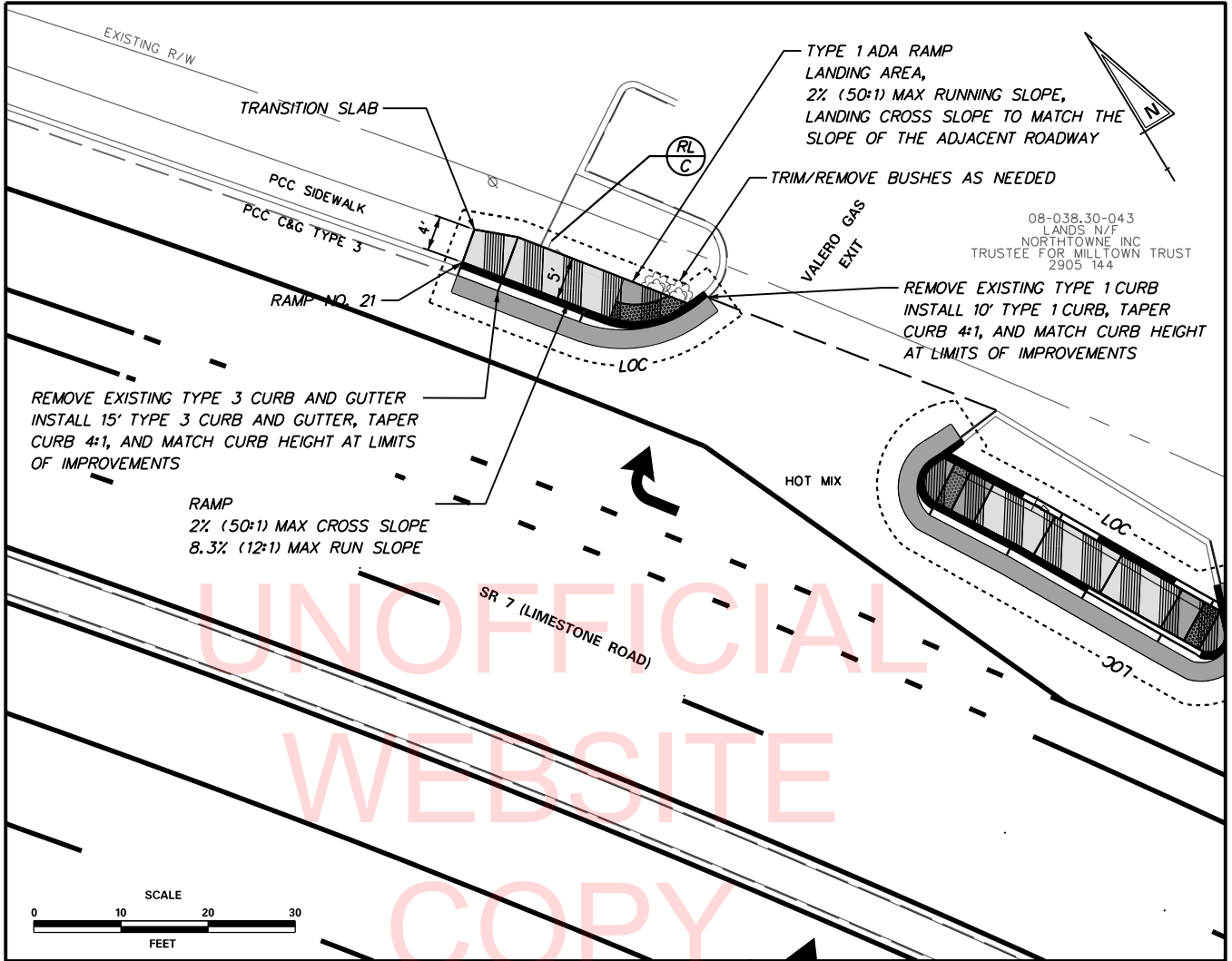
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT T201606118	ROAD NO. 31
COUNTY NEW CASTLE	DESIGNED BY: AF / MD
	CHECKED BY: AF

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO. 4
TOTAL SHTS. 30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT VALERO GAS EXIT NE CORNER
CURB RAMP NO. : 21



WORK DESCRIPTION:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

EXISTING LANDING HAS NO DETECTABLE WARNING SURFACE;
 EXISTING CURB RAMP LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 5.7%);
 EXISTING CURB RAMP LANDING CROSS SLOPE EXCEEDS 2% (MEASURED AS 14.4%);
 EXISTING APPROACH RAMP RUNNING SLOPE EXCEEDS 8% (MEASURED AS 13.4%);
 EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 12.8%).

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

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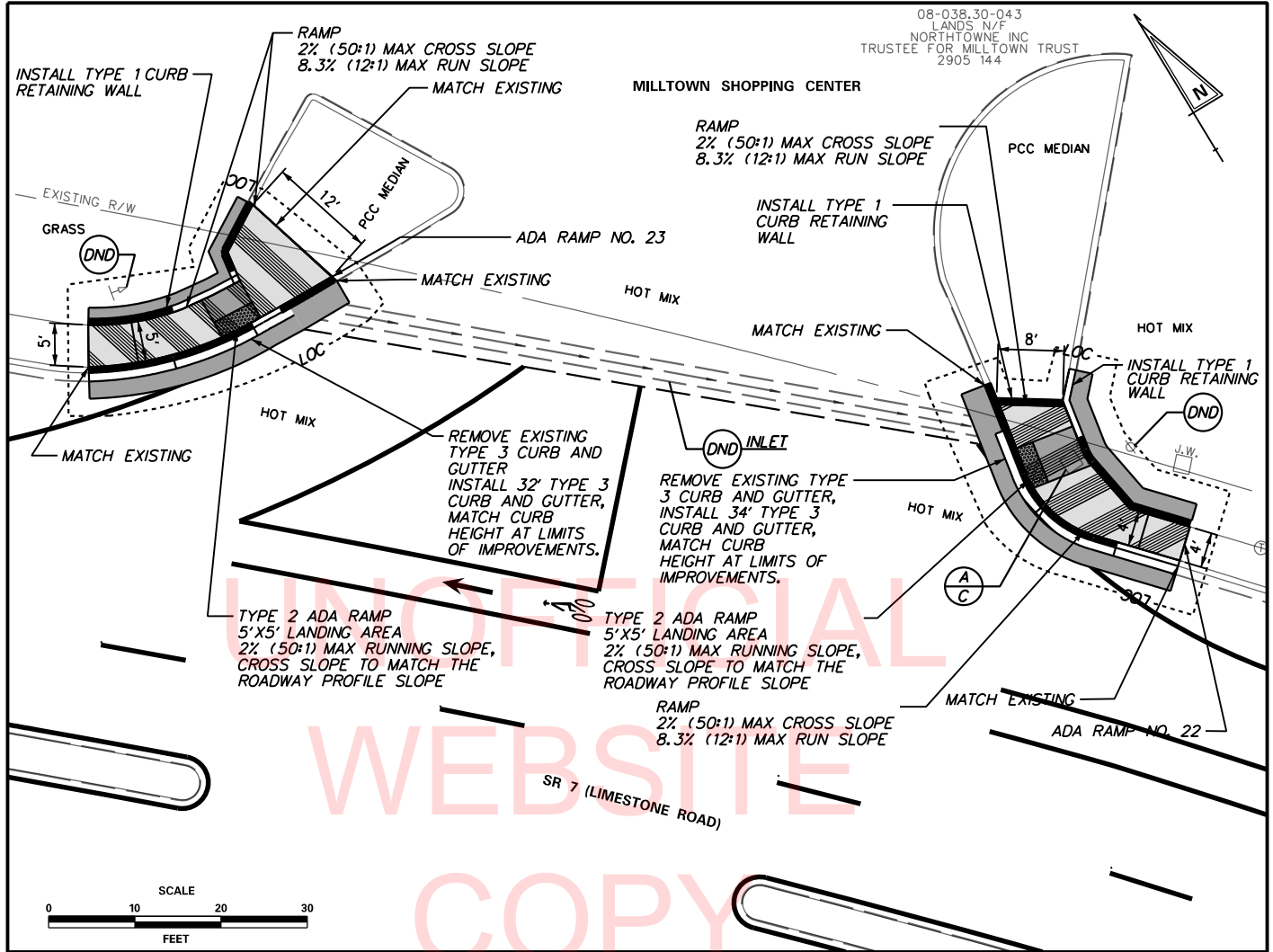
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF / MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO.	5
TOTAL SHTS.	30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT MILLTOWN SHOPPING CENTER NE AND SE CORNERS
CURB RAMP NO.: 22 AND 23



WORK DESCRIPTION:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

- RAMP 22:** EXISTING LANDING HAS NO DETECTABLE WARNING SURFACE;
 EXISTING COUNTER SLOPES EXCEED 13% (MEASURED AS 16.3%);
 EXISTING LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 44 IN.);
 EXISTING LANDING CROSS SLOPE EXCEEDS 2% (MEASURED AS 9.2%);
 EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 10%).
- RAMP 23:** EXISTING LANDING HAS NO DETECTABLE WARNING SURFACE;
 EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 10.5%);
 EXISTING COUNTER SLOPES EXCEEDS 13% (MEASURED AS 16.2%);
 EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 15.4%).

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\XPISE\MICHAEL\DISKO\DM571142\X.S.-BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT T201606118	ROAD NO. 31	DESIGNED BY: AF / MD	
COUNTY NEW CASTLE		CHECKED BY: AF	

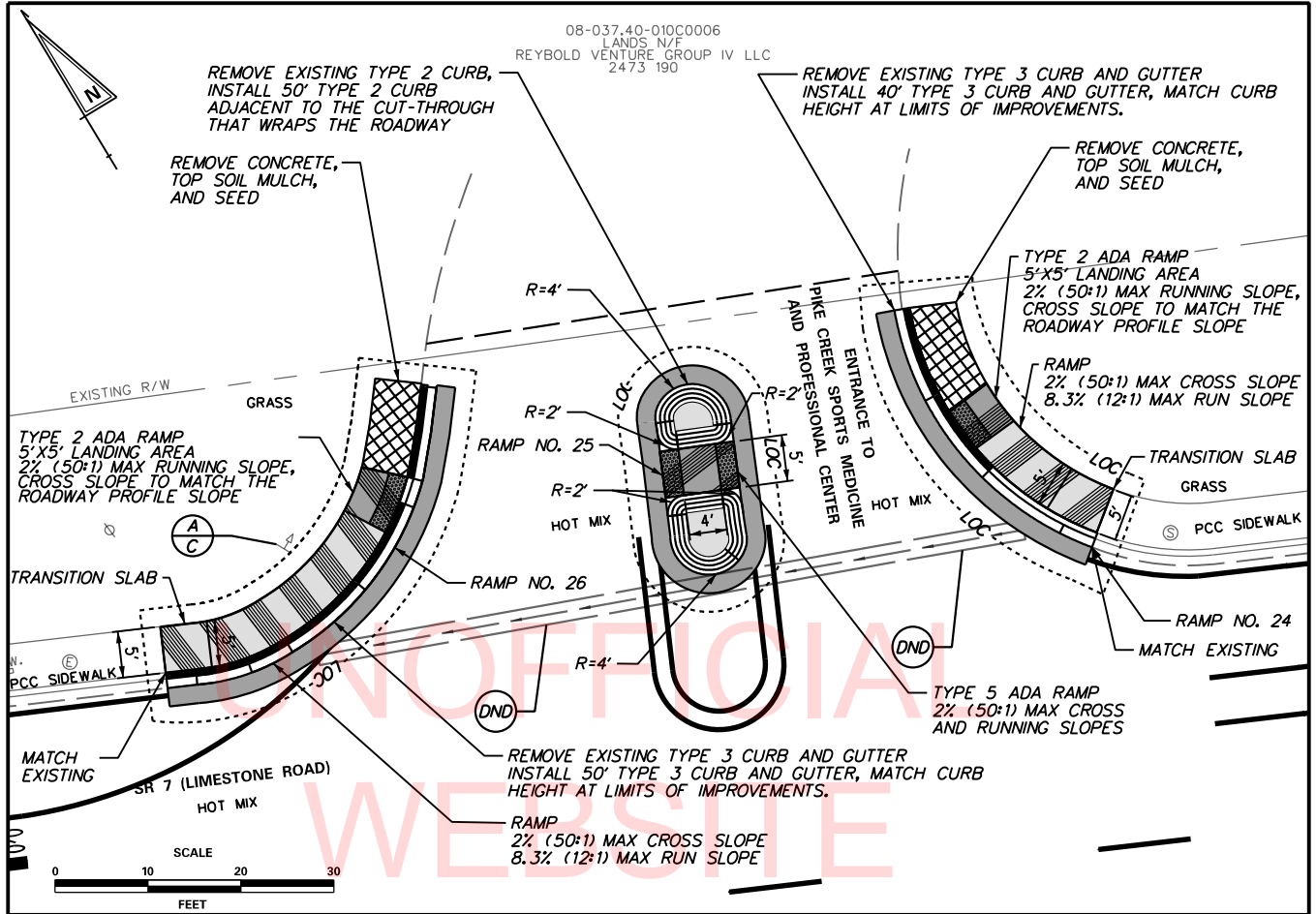
**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO. 6
TOTAL SHTS. 30

NON-COMPLIANT ADA FACILITY TO BE IMPROVED BY DELDOT STANDARD DETAILS

DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN

LOCATION: SR 7 (LIMESTONE ROAD) AT PIKE CREEK SPORTS MEDICINE & PROFESSIONAL CENTER SE AND NE CORNERS
CURB RAMP NO.: 24, 25, AND 26



WORK DESCRIPTION:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL -DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

- RAMP 24:** EXISTING LANDING HAS NO DETECTABLE WARNING SURFACE;
EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 4.8%);
EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 6.7%);
EXISTING LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 54 IN.);
EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 13.7%).
- RAMP 25:** EXISTING LANDING HAS NO DETECTABLE WARNING SURFACE;
EXISTING CURB RAMP WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 36 IN.);
EXISTING CURB RAMP WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 36 IN.);
EXISTING LANDING LENGTH DOES NOT MEET MINIMUM OF 48 IN. (MEASURED AS 12 IN.);
EXISTING LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 36 IN.);
- RAMP 26:** EXISTING LANDING HAS NO DETECTABLE WARNING SURFACE;
EXISTING APPROACH RAMP RUNNING SLOPE EXCEEDS MAXIMUM OF 8% (MEASURED AS 16.2%);
EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 3.5%);
EXISTING LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 40 IN.);
EXISTING LANDING CROSS SLOPE EXCEEDS 2% (MEASURED AS 4.2%);
EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 11.6%).

CHECKLIST:

- ALL WORK IS TO BE PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 CA:\DMS\PIVISE\MICHAEL\DISKO\DMS71142\XS-BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



**DELAWARE
DEPARTMENT OF TRANSPORTATION**

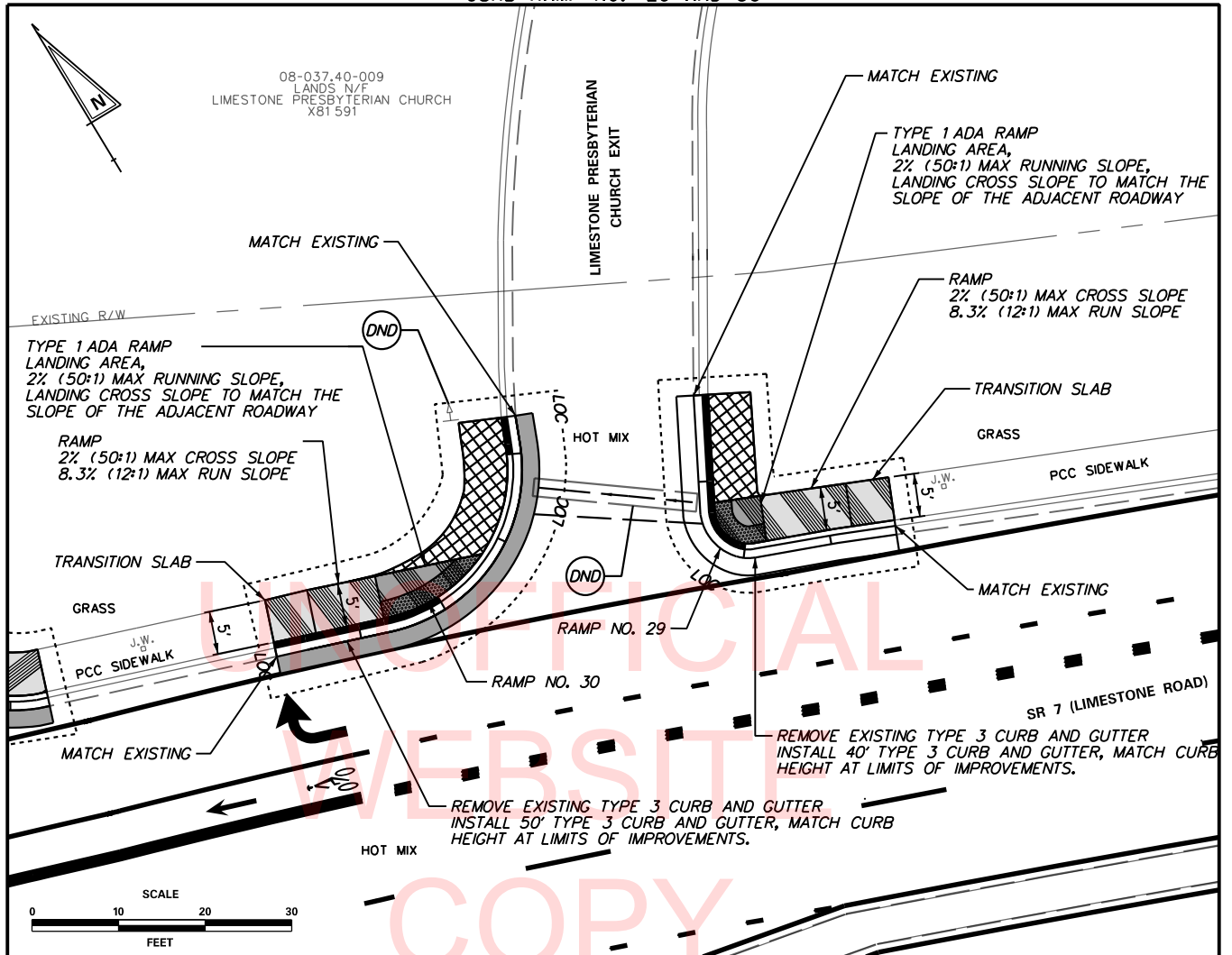
CONTRACT T201606118	ROAD NO. 31	DESIGNED BY: AF / MD
COUNTY NEW CASTLE	CHECKED BY: AF	

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO. 7
TOTAL SHTS. 30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**

DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD)
AT LIMESTONE PRESBYTERIAN CHURCH EXIT (3201 LIMESTONE ROAD) SE AND NE CORNERS
CURB RAMP NO.: 29 AND 30



WORK DESCRIPTION:





REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

- RAMP 29:** EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 7.2%);
EXISTING LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 48 IN.);
EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 13.0%).
- RAMP 30:** EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 5.3%);
EXISTING LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 48 IN.);
EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 11.5%).

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\PIWISE\MICHAEL.DISKO\DM571142.XS..BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



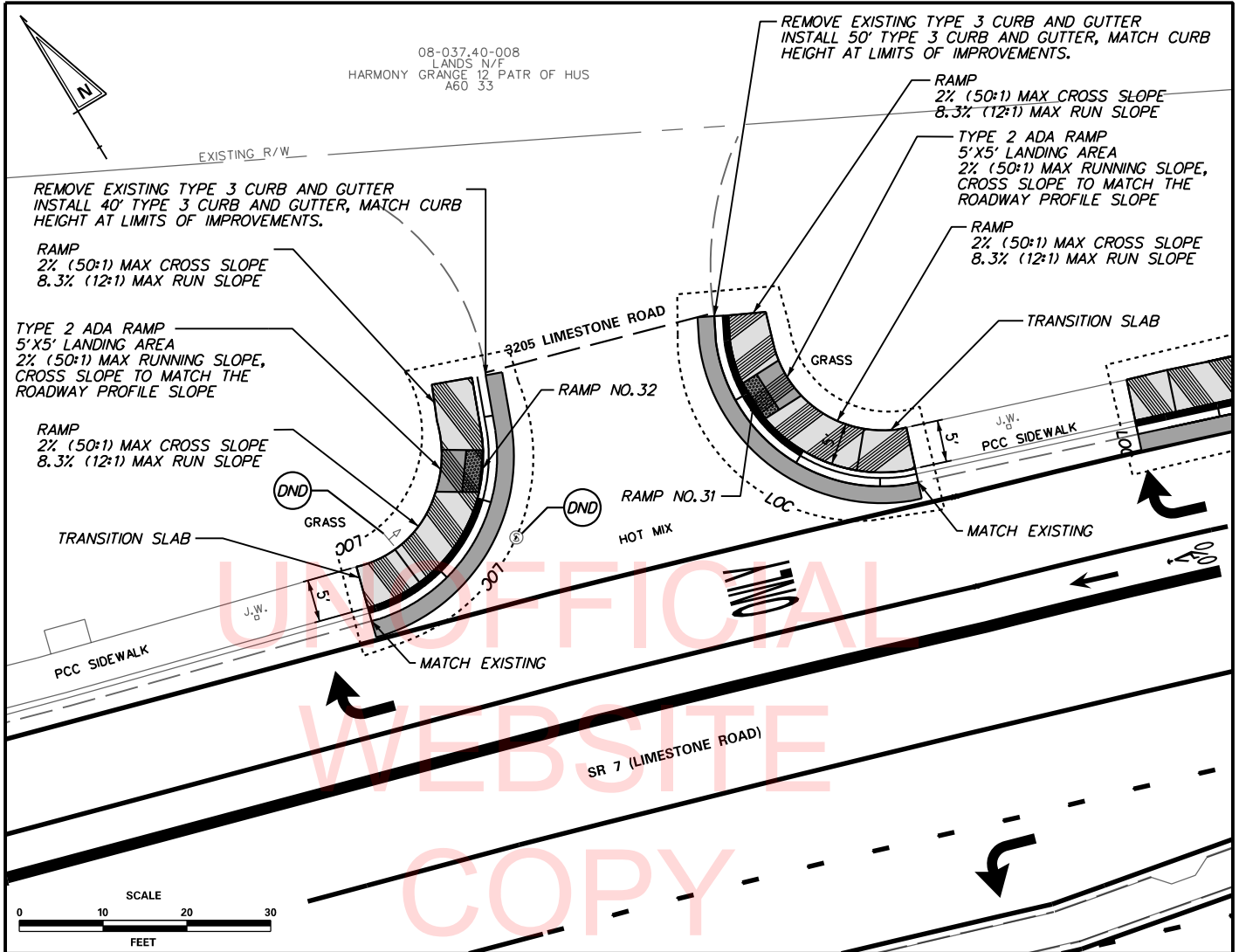
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF / MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO.	9
TOTAL SHTS.	30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT 3205 LIMESTONE ROAD SE AND NE CORNERS
CURB RAMP NO.: 31 AND 32



WORK DESCRIPTION:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

- RAMP 31:** EXISTING LANDING HAS NO DETECTABLE WARNING SURFACE;
 EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 9.7%);
 EXISTING LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 48 IN.);
 EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 14.2%);
- RAMP 32:** EXISTING LANDING HAS NO DETECTABLE WARNING SURFACE;
 EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 6.7%);
 EXISTING APPROACH RAMP RUNNING SLOPE EXCEEDS 8% (MEASURED AS 9.4%);
 EXISTING LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 48 IN.);
 EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 12.7%).

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 CA:\DMS\PIVISE\MICHAEL\DISKO\DW571142\XS_BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



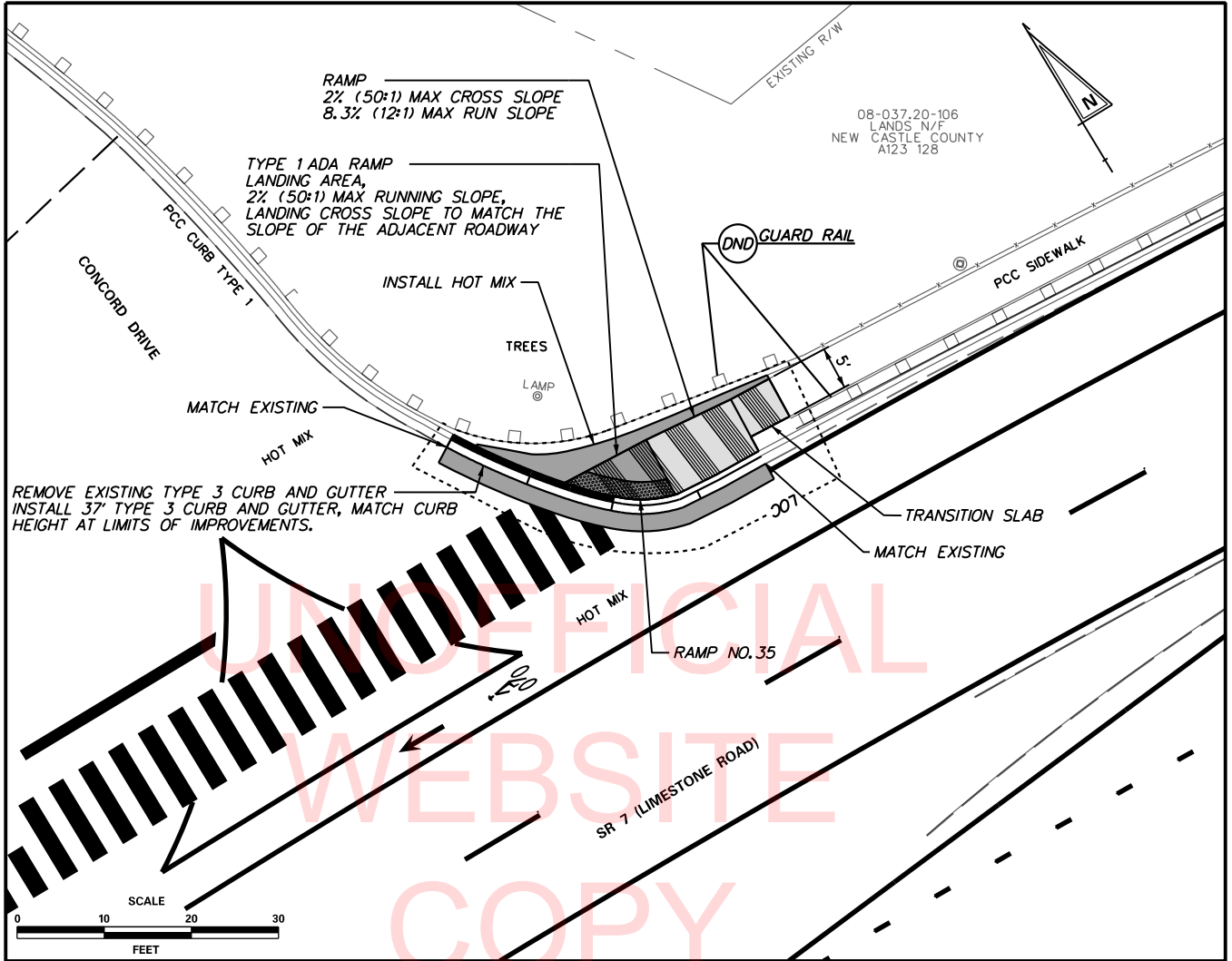
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT T201606118	ROAD NO. 31
COUNTY NEW CASTLE	DESIGNED BY: AF / MD
	CHECKED BY: AF

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO. 10
TOTAL SHTS. 30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT CONCORD DRIVE SE CORNER
CURB RAMP NO.: 35



REMOVE EXISTING TYPE 3 CURB AND GUTTER
 INSTALL 37' TYPE 3 CURB AND GUTTER, MATCH CURB
 HEIGHT AT LIMITS OF IMPROVEMENTS.

WORK DESCRIPTION:
 REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD.

COMMENTS:
 EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 4.6%).

- CHECKLIST:**
- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
 - NO IDENTIFIED UTILITY CONFLICT(S).
 - NO IDENTIFIED DRAINAGE CONFLICT(S).
 - NO IDENTIFIED PINCH POINTS.
 - NO IDENTIFIED TRAFFIC CONFLICT(S).
 - NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\XPISE\MICHAEL\DISKO\DM571142\XS-BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



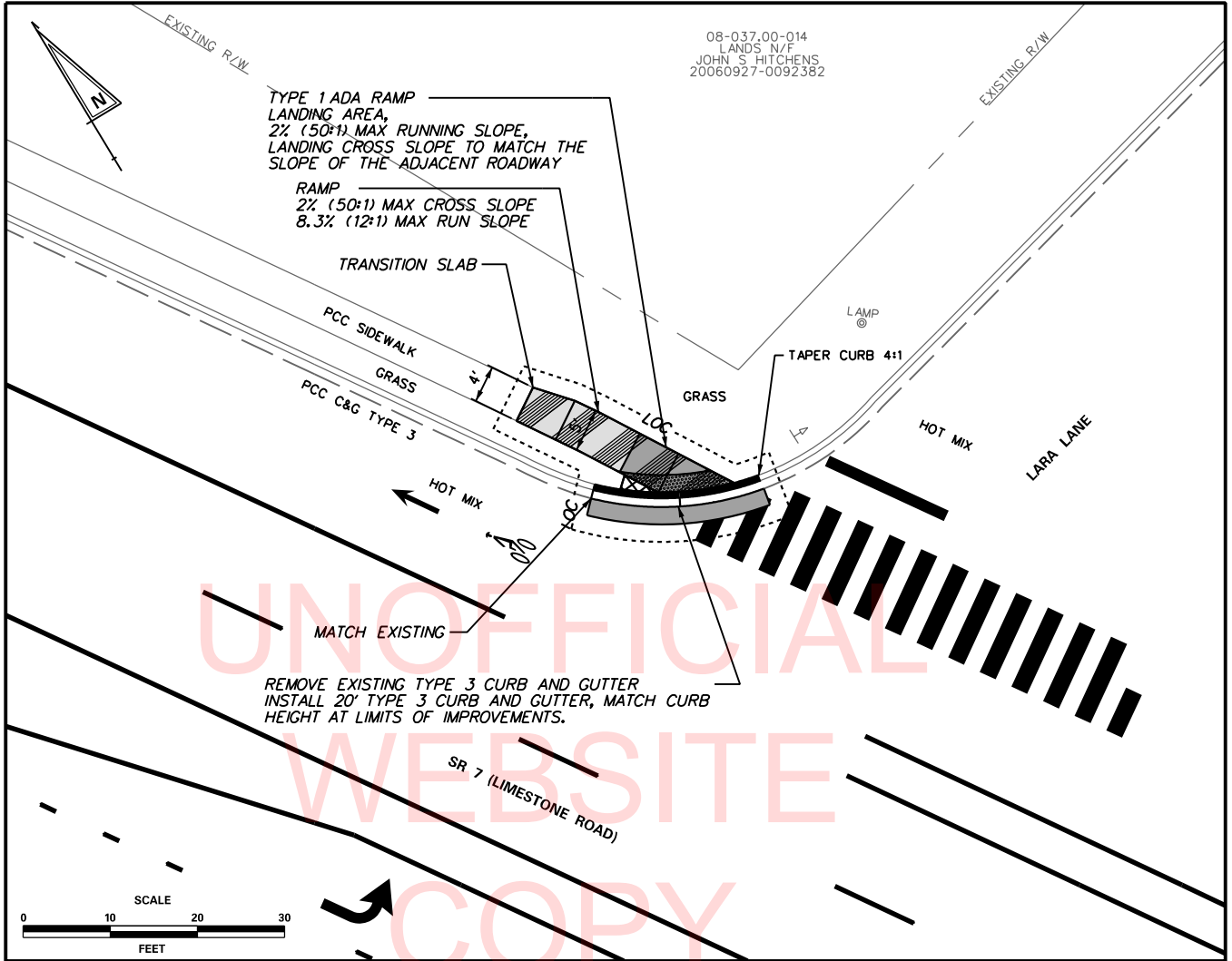
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF / MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO.	11
TOTAL SHTS.	30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT LARA LANE NE CORNER
CURB RAMP NO.: 40



08-037.00-014
LANDS N/F
JOHN S HITCHENS
20060927-0092382

WORK DESCRIPTION:

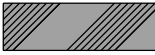



REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 7.8%);
EXISTING COUNTER SLOPES EXCEED 13% (MEASURED AS 14.4%).

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\PI\P\W\SE\MICHAEL\DISKO\DMS71142\XS_BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



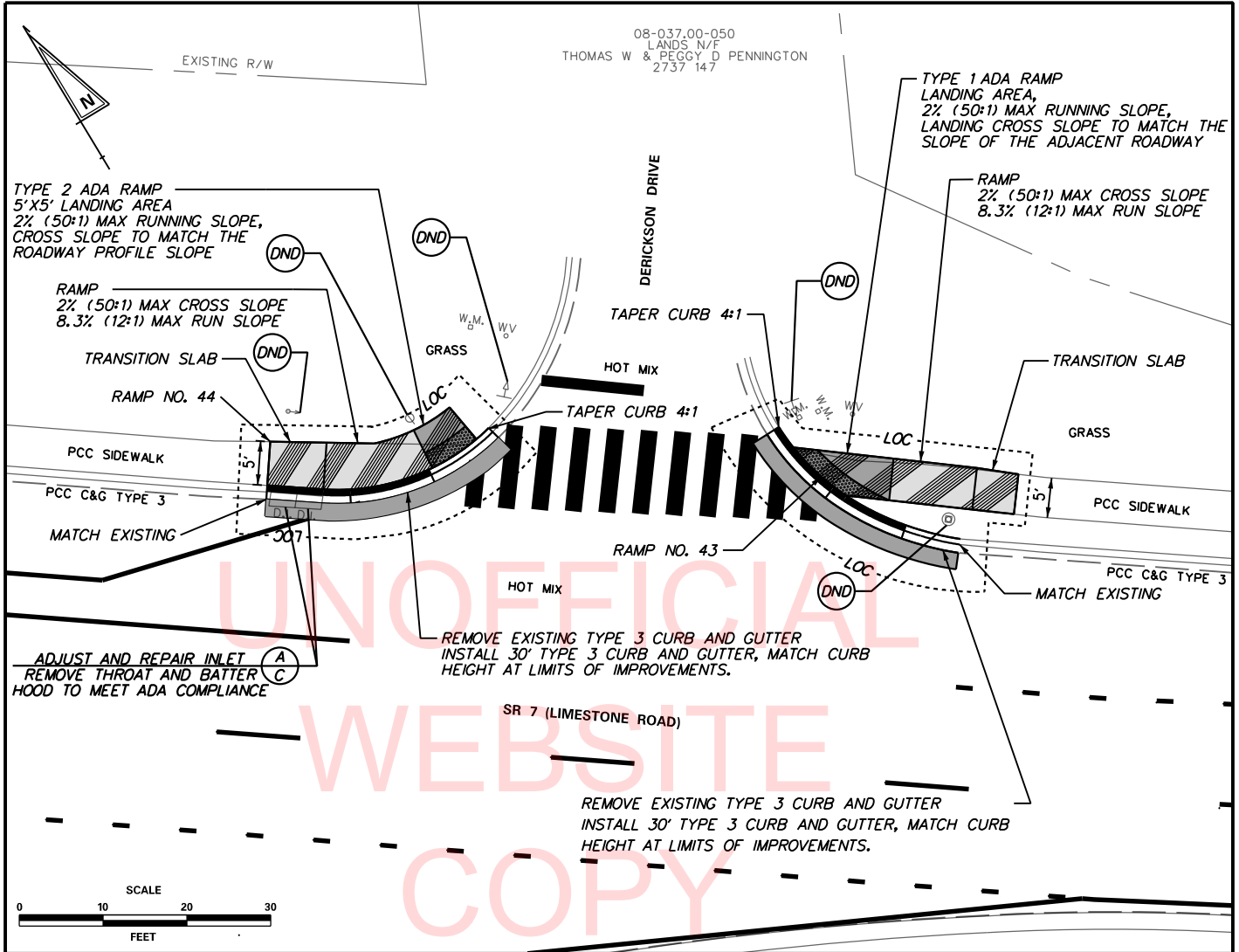
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT T201606118	ROAD NO. 31
COUNTY NEW CASTLE	DESIGNED BY: AF / MD CHECKED BY: AF

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO. 12
TOTAL SHTS. 30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT DERICKSON DRIVE SE AND NE CORNERS
CURB RAMP NO.: 43 AND 44



WORK DESCRIPTION:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

RAMP 43: EXISTING APPROACH RAMP RUNNING SLOPE EXCEEDS 8% (MEASURED AS 9.8%).
 RAMP 44: EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 5.2%).

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\PIWISE\MICHAEL\DISKO\DM571142\XS-BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



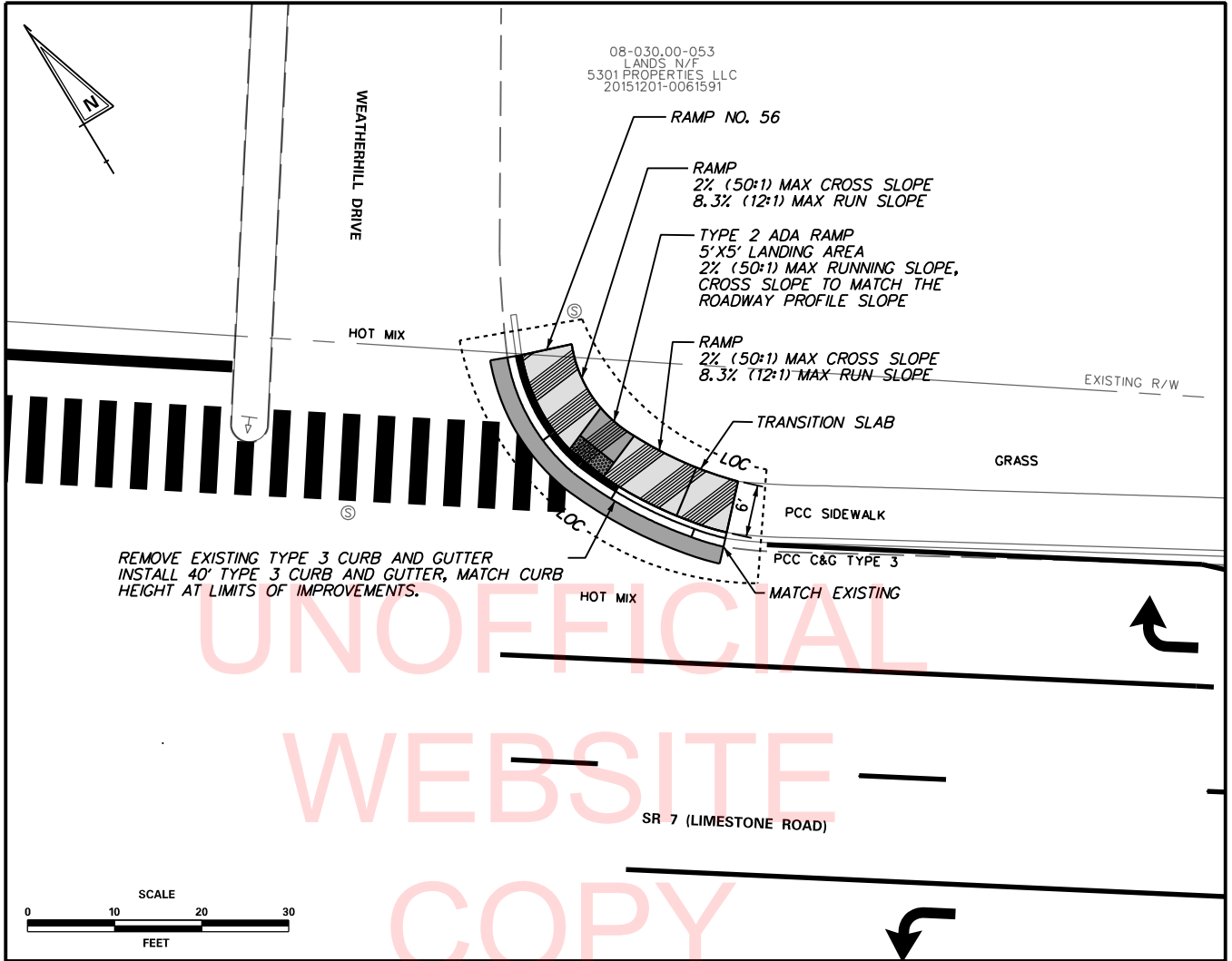
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT T201606118	ROAD NO. 31
COUNTY NEW CASTLE	DESIGNED BY: AF / MD
	CHECKED BY: AF

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO. 13
TOTAL SHTS. 30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT WEATHERHILL DRIVE SE CORNER
CURB RAMP NO.: 56



UNOFFICIAL
WEBSITE
COPY

WORK DESCRIPTION:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL -DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 38 IN.).

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\PI\P\WISE\MICHAEL\DISKO\DM571142\XS_BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



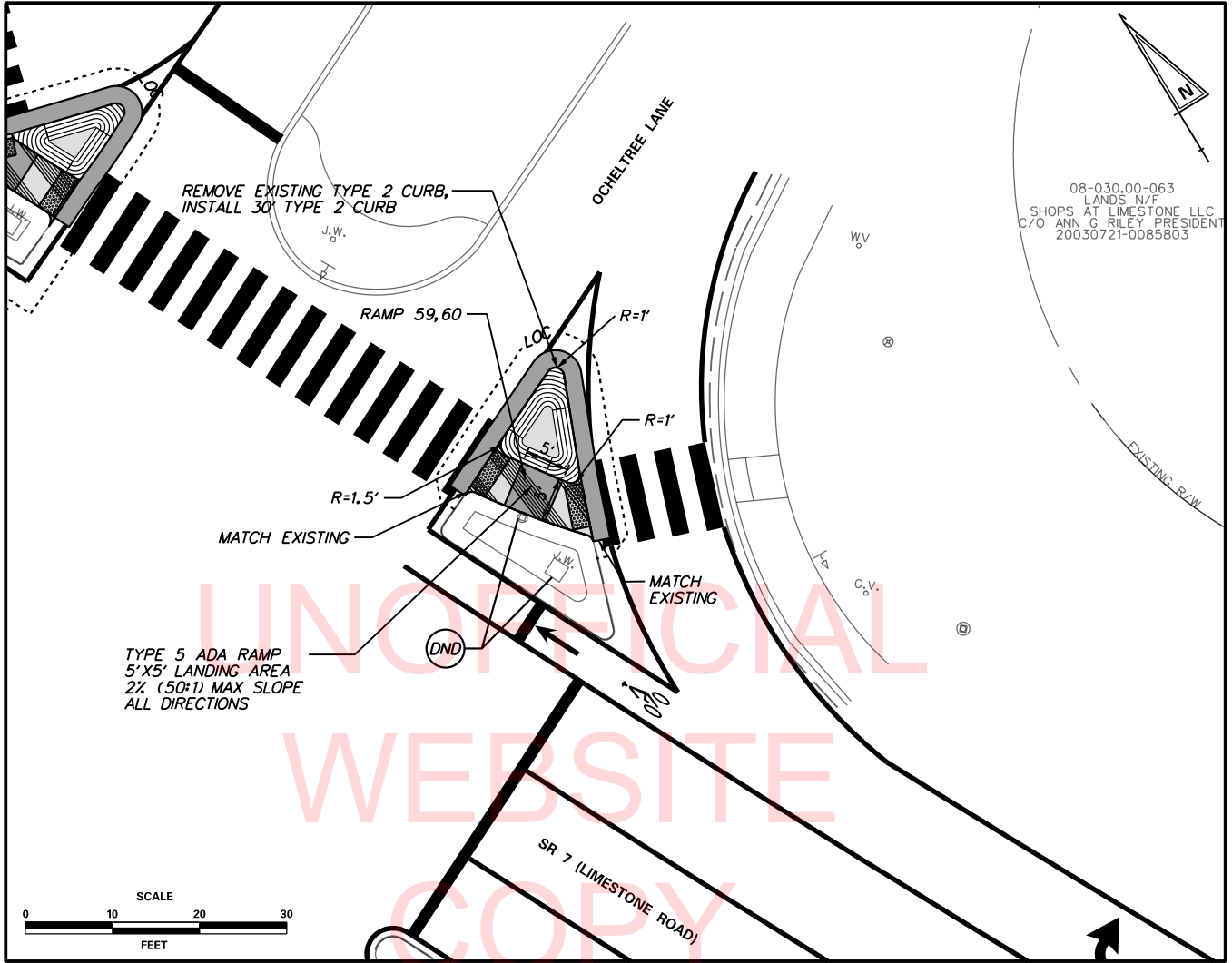
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT T201606118	ROAD NO. 31
COUNTY NEW CASTLE	DESIGNED BY: AF / MD
	CHECKED BY: AF

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO. 14
TOTAL SHTS. 30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT OCHELTREE LANE SE CORNER
CURB RAMP NO.: 59, AND 60



08-030.00-063
 LANDS N/E
 SHOPS AT LIMESTONE LLC
 C/O ANN G RILEY PRESIDENT
 20030721-0085803

WORK DESCRIPTION:


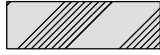


REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.
ISLAND:

COMMENTS:

RAMPS 59 AND 60: EXISTING LANDING CROSS SLOPE EXCEEDS 2% (MEASURED AS 5.2%).

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\PIWISE\MICHAEL\DISKO\DM571142\XS-BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



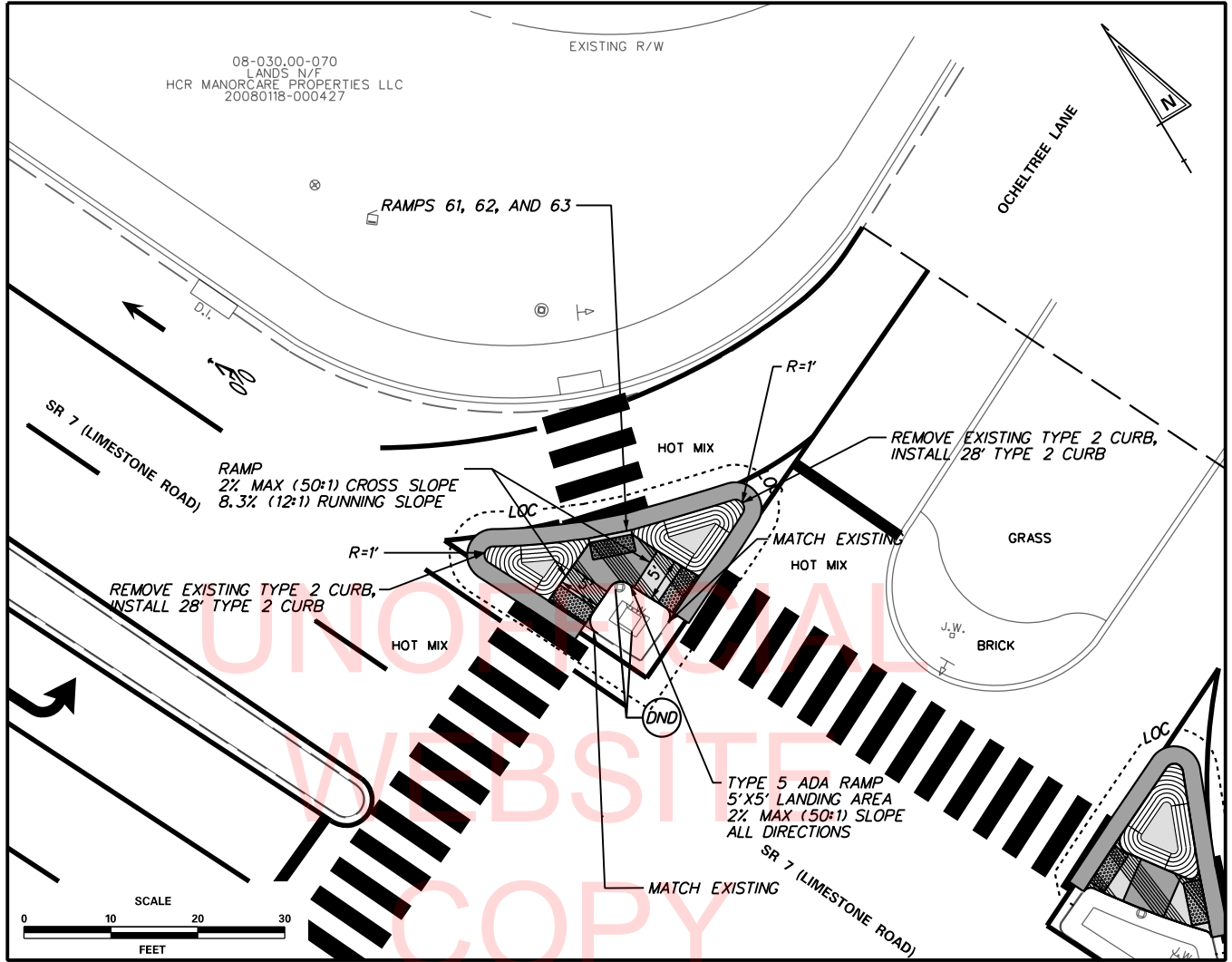
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF/MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO.	15
TOTAL SHTS.	30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT OCHELTREE LANE NE CORNER
CURB RAMP NO.: 61, 62, AND 63



WORK DESCRIPTION:

PARTIALLY REMOVE THE MEDIAN AND TYPE 2 CURB AS SHOWN. INSTALL ADA COMPLIANT CURB RAMP TYPE 5 TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 2 CURB. INSTALL DETECTABLE WARNING 3" FROM THE EDGE OF PAVEMENT. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD.

COMMENTS:

EXISTING CURB RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 3.9%);
 EXISTING LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 54 IN.).

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\PI\P\WISE\MICHAEL\DISKO\DWG\7142\XS-BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



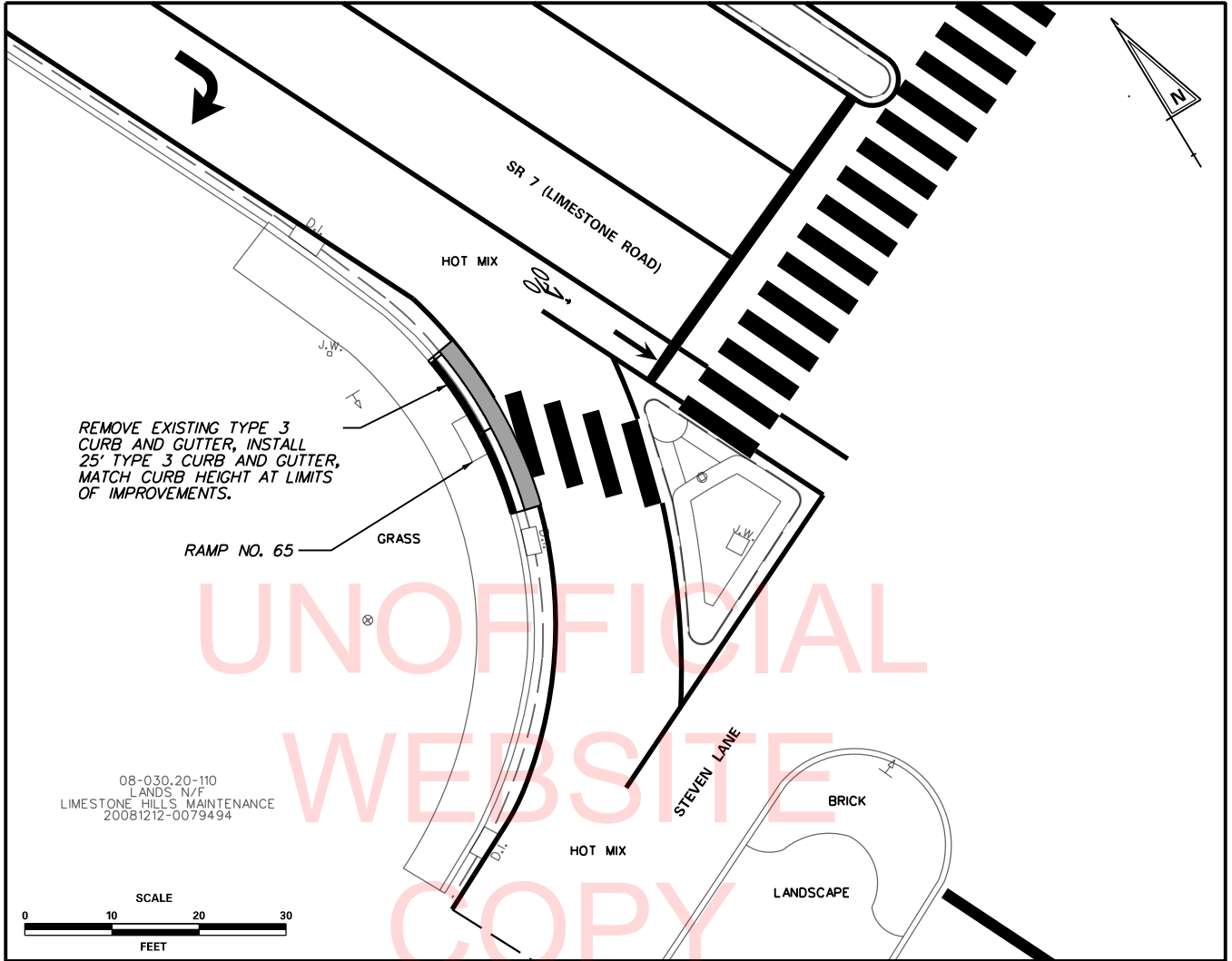
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF / MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

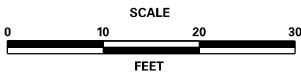
SHEET NO.	16
TOTAL SHTS.	30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT STEVEN LANE NW CORNER
CURB RAMP NO.: 65



REMOVE EXISTING TYPE 3 CURB AND GUTTER, INSTALL 25' TYPE 3 CURB AND GUTTER, MATCH CURB HEIGHT AT LIMITS OF IMPROVEMENTS.

08-030,20-110
LANDS N/F
LIMESTONE HILLS MAINTENANCE
20081212-0079494



WORK DESCRIPTION:

PARTIALLY REMOVE THE MEDIAN AS SHOWN. INSTALL ADA COMPLIANT CURB RAMP TYPE 5 TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS. INSTALL DETECTABLE WARNING 3" FROM THE EDGE OF PAVEMENT. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. MAINTAIN POSITIVE DRAINAGE WHEN FLATTENING THE PAVEMENT IN FRONT OF THE DEPRESSED CURB TO ACHIEVE A COUNTER SLOPE OF 13% AND LESS.

COMMENTS:

RAMP 65: EXISTING COUNTER SLOPES EXCEED 13% (MEASURED AS 16.8%)

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\XPWISE\MICHAEL.DISKO\DM571142\XS_BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



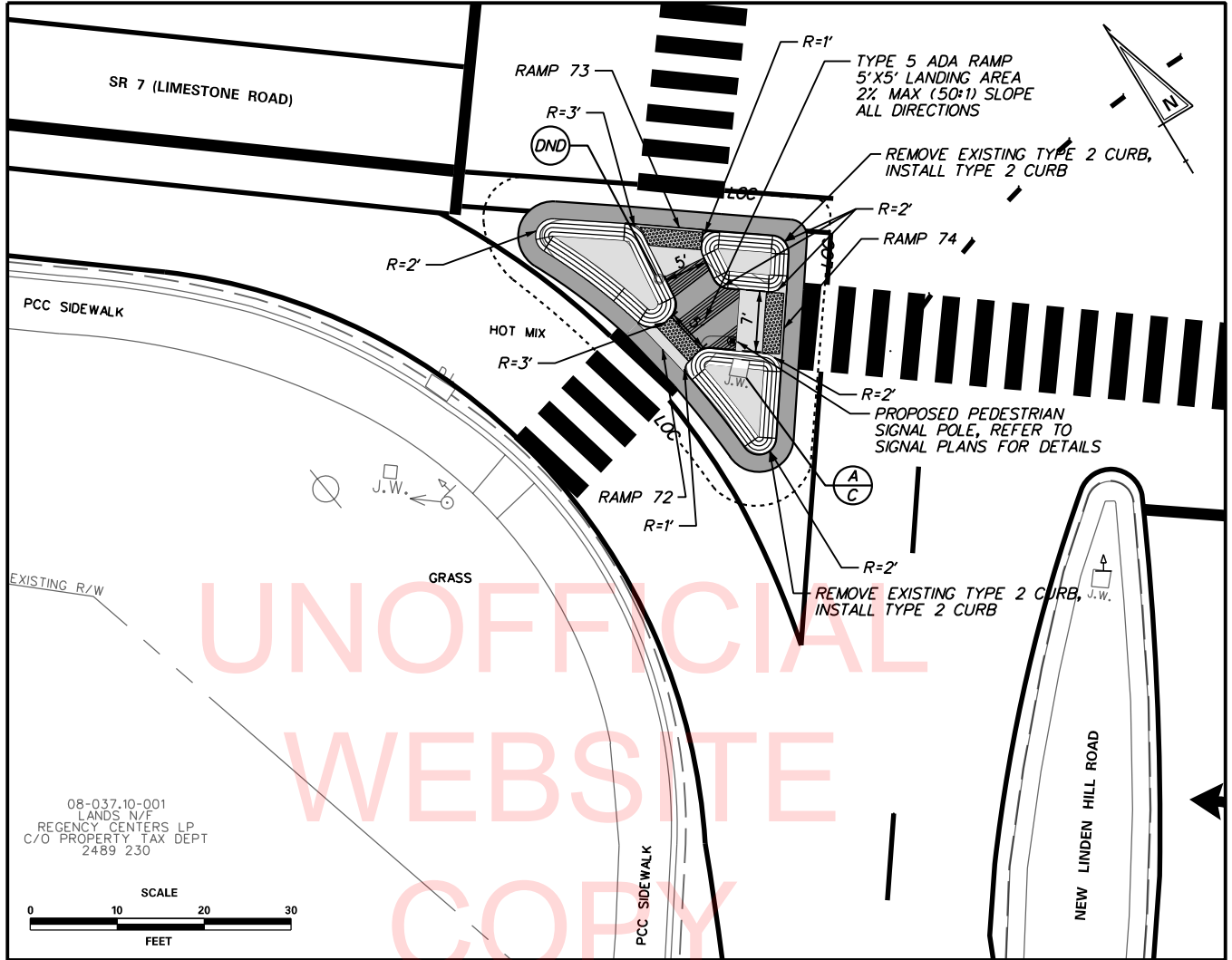
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF / MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

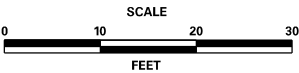
**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO.	17
TOTAL SHTS.	30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT NEW LINDEN HILL ROAD NW CORNER
CURB RAMP NO.: 72, 73, AND 74



08-037.10-001
 LANDS N/F
 REGENCY CENTERS LP
 C/O PROPERTY TAX DEPT
 2489 230



WORK DESCRIPTION FOR THE ADA RAMP:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

WORK DESCRIPTION FOR THE ISLAND:

PARTIALLY REMOVE THE ISLAND AND TYPE 2 CURB AS SHOWN. INSTALL ADA COMPLIANT CURB RAMP TYPE 5 TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 2 CURB. INSTALL DETECTABLE WARNING 3" FROM THE EDGE OF PAVEMENT. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD.

COMMENTS:

RAMPS 72, 73 AND 74: EXISTING CURB RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 3.6%).
 A PROPOSED PED POLE TO BE INSTALLED, REFER TO SIGNAL PLANS.

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C. PATCHING 6" BIT. CONC. SUPERPAVE TYPE B. PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\PIWISE\MICHAEL.DISKO\DMS71142\XS_BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



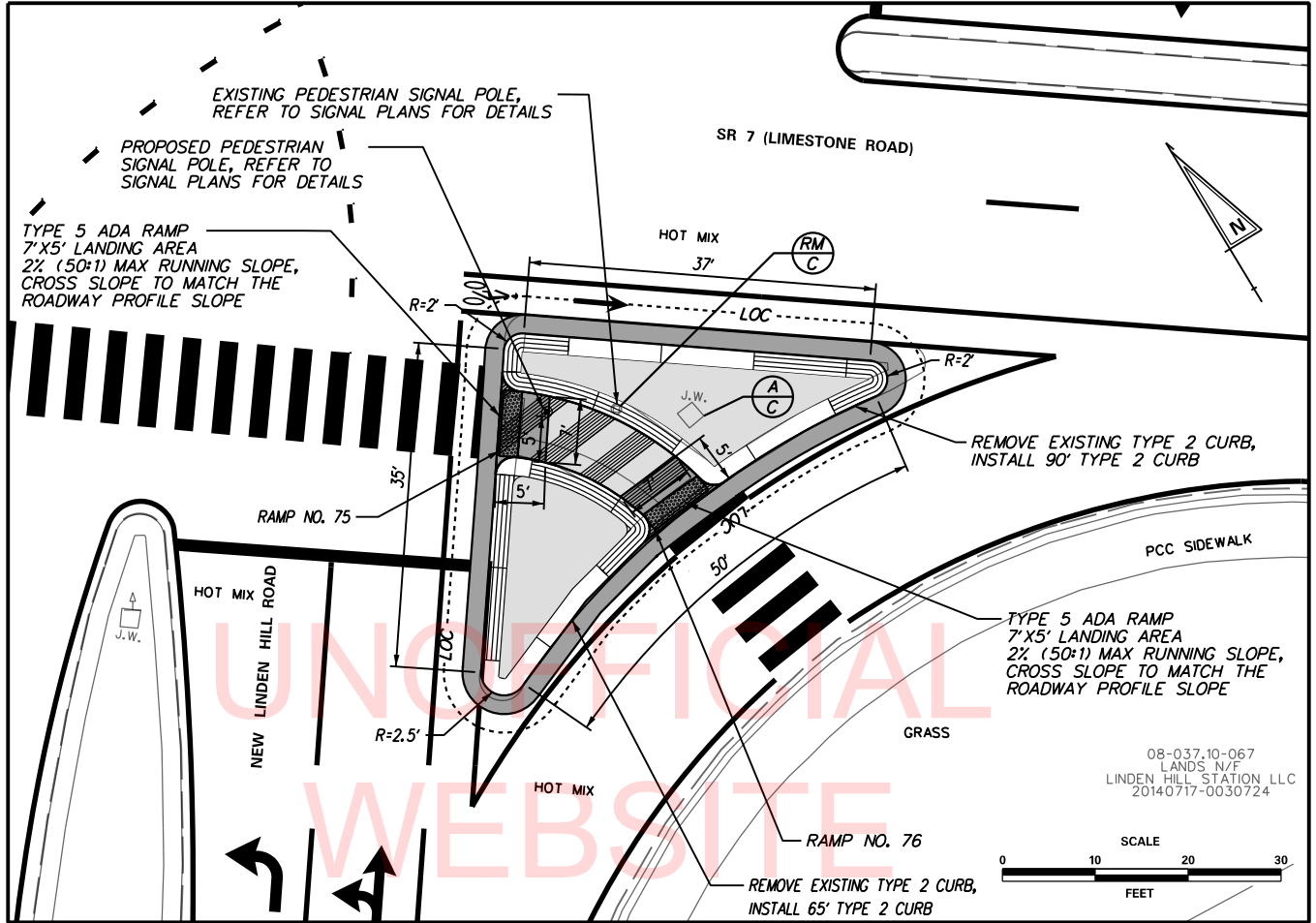
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF / MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO.	18
TOTAL SHTS.	30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT NEW LINDEN HILL ROAD SW CORNER
CURB RAMP NO.: 75, AND 76



WORK DESCRIPTION:

REMOVE THE ISLAND AND TYPE 2 CURB AS SHOWN. INSTALL ADA COMPLIANT CURB RAMP TYPE 5 TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 2 CURB. INSTALL DETECTABLE WARNING 3" FROM THE EDGE OF PAVEMENT. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD.

COMMENTS:

RAMP 75: EXISTING PEDESTRIAN PUSHBUTTON DISTANCE EXCEEDS 10' FROM THE BACK OF THE CURB (MEASURED AS 11.5') EXISTING PED POLE TO BE REMOVE, AND A PROPOSED PED POLE TO BE INSTALLED, REFER TO SIGNAL PLANS.

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\PI\P\W\SE\MICHAEL\DISKO\DW571142.XS.BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



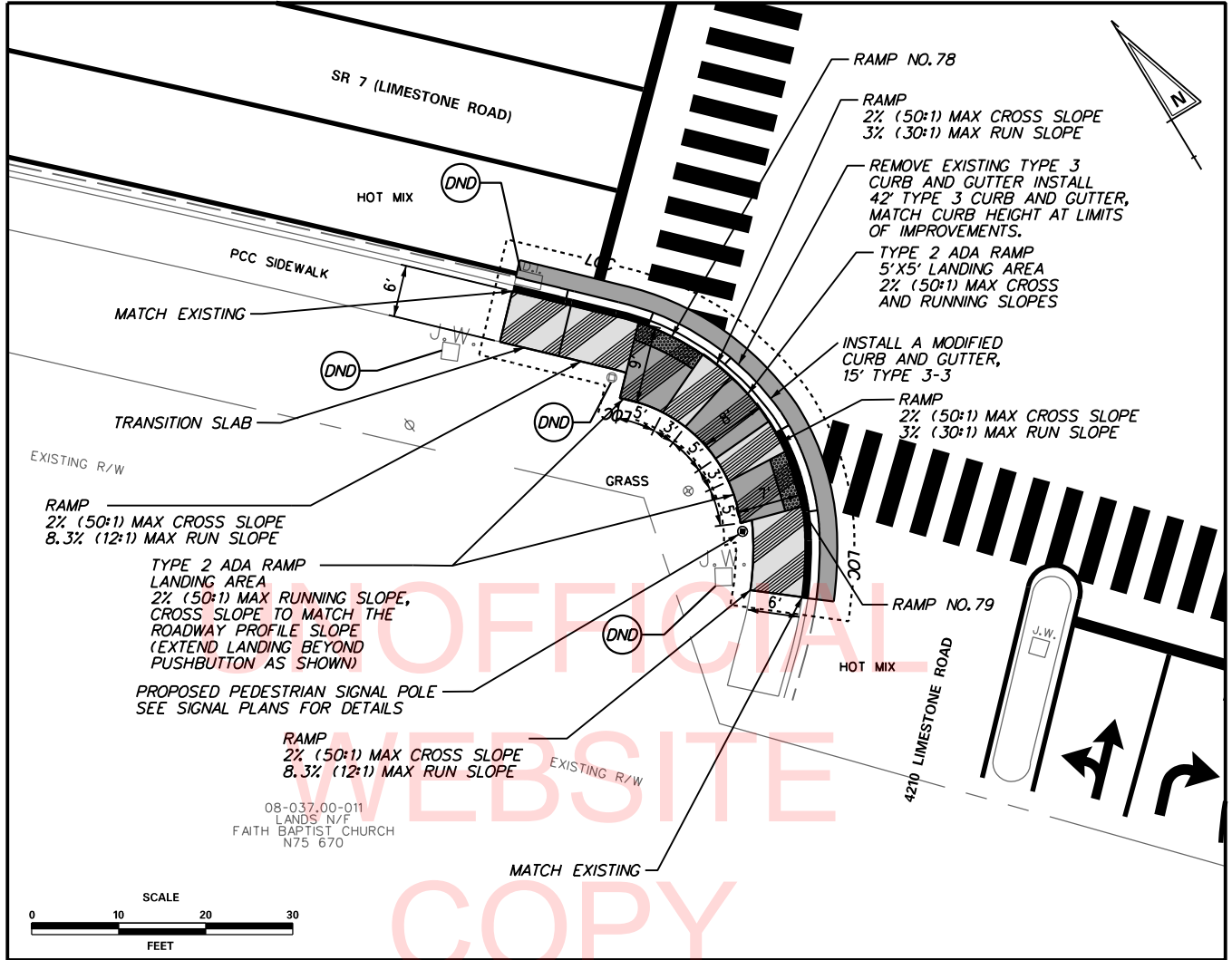
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT T201606118	ROAD NO. 31
COUNTY NEW CASTLE	DESIGNED BY: AF / MD
	CHECKED BY: AF

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO. 19
TOTAL SHTS. 30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT GREENWOOD DRIVE NW CORNER
CURB RAMP NO.: 78 AND 79



WORK DESCRIPTION:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

- RAMP 78: EXISTING LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 48 IN.).
- RAMP 79: EXISTING LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 48 IN.).

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

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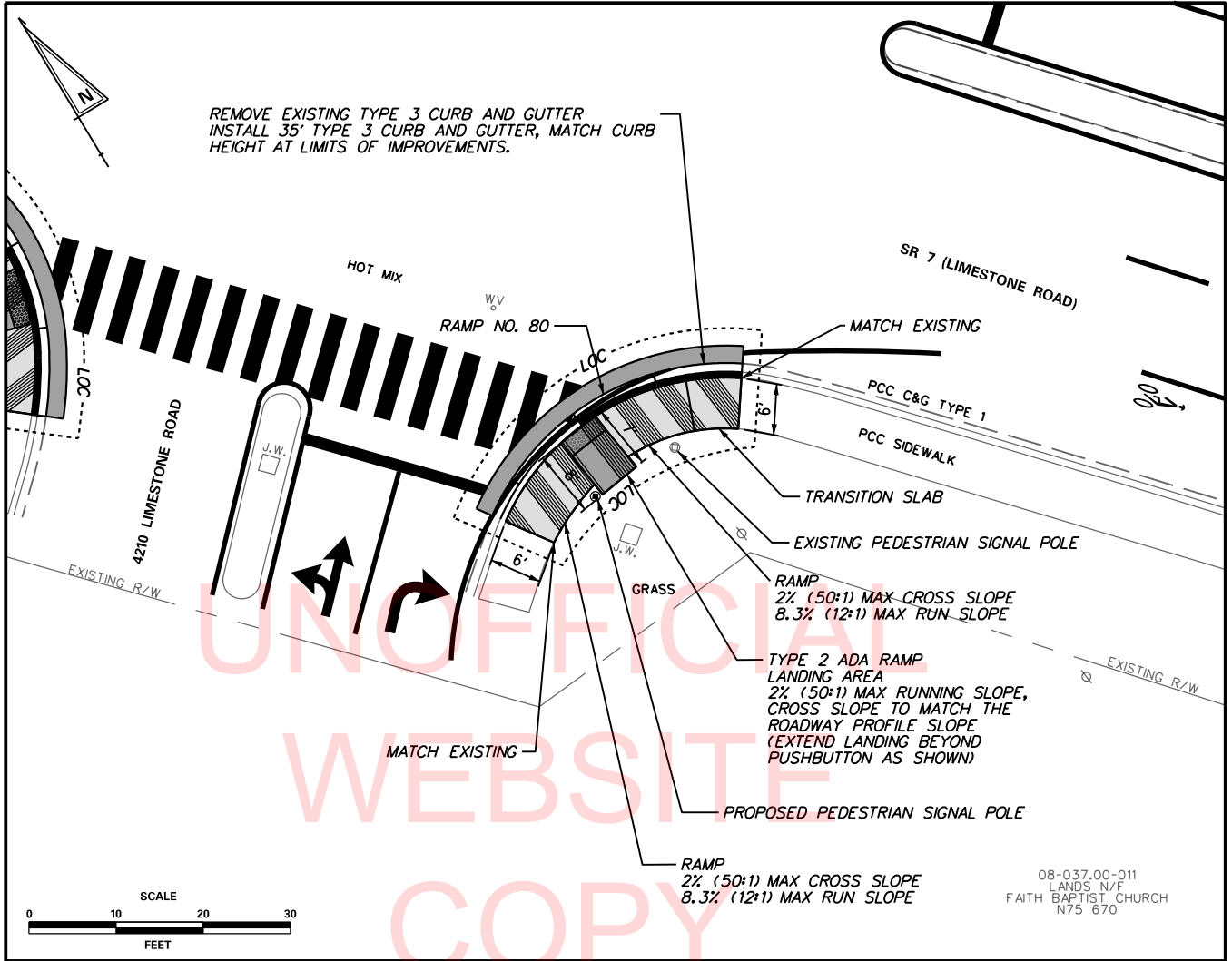
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT T201606118	ROAD NO. 31
COUNTY NEW CASTLE	DESIGNED BY: AF / MD CHECKED BY: AF

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO. 20
TOTAL SHTS. 30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT GREENWOOD DRIVE SW CORNER
CURB RAMP NO.: 80



08-037.00-011
LANDS N/F
FAITH BAPTIST CHURCH
N75 670

WORK DESCRIPTION:

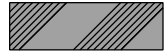

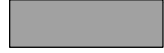

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

RAMP 80: EXISTING LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 48 IN.).

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

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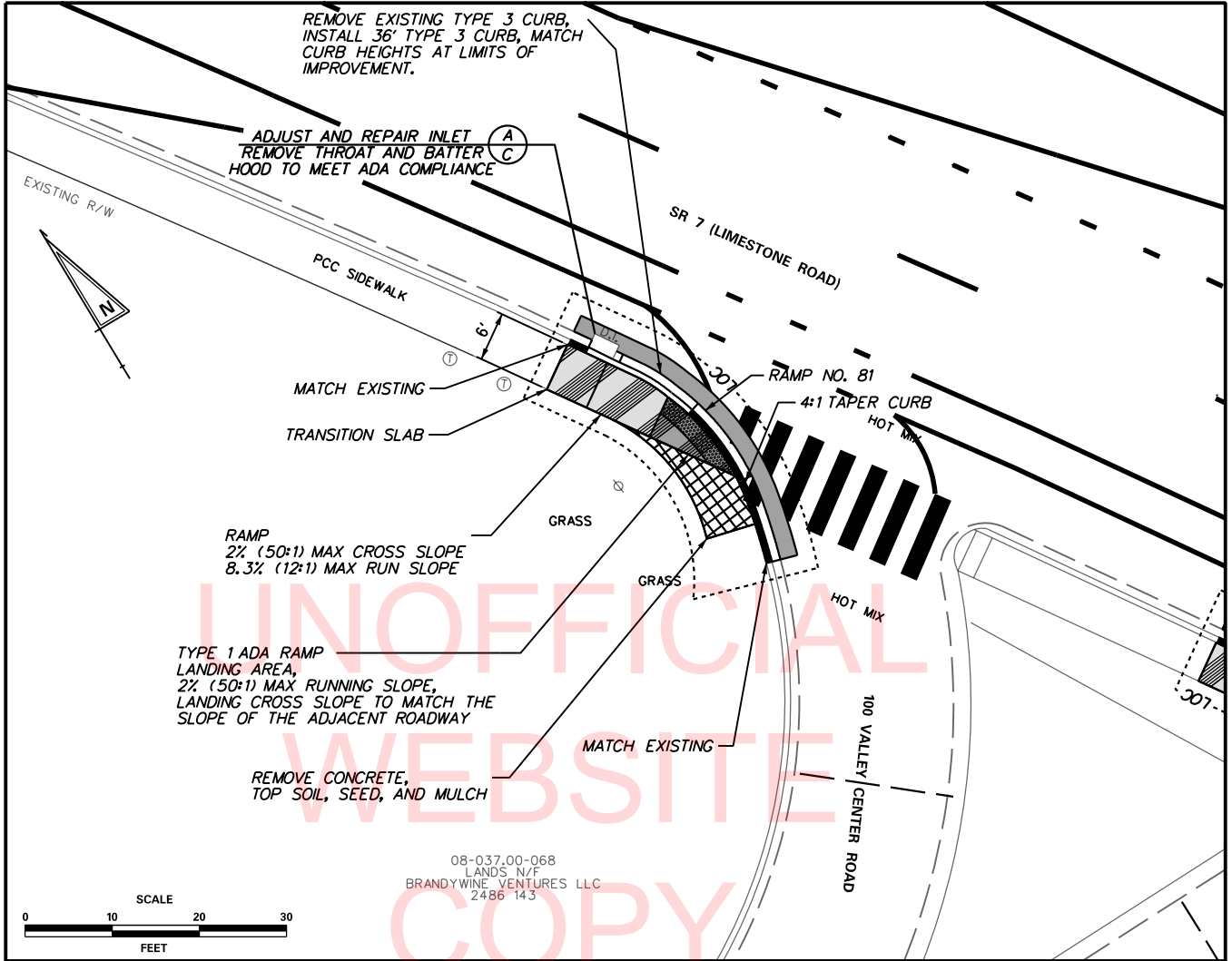
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF / MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO.	21
TOTAL SHTS.	30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT 100 VALLEY CENTER DRIVE NW CORNER
CURB RAMP NO.: 81



WORK DESCRIPTION:

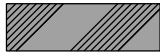



REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL -DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

RAMP 81: EXISTING LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 48 IN.); EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 5.4%).

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

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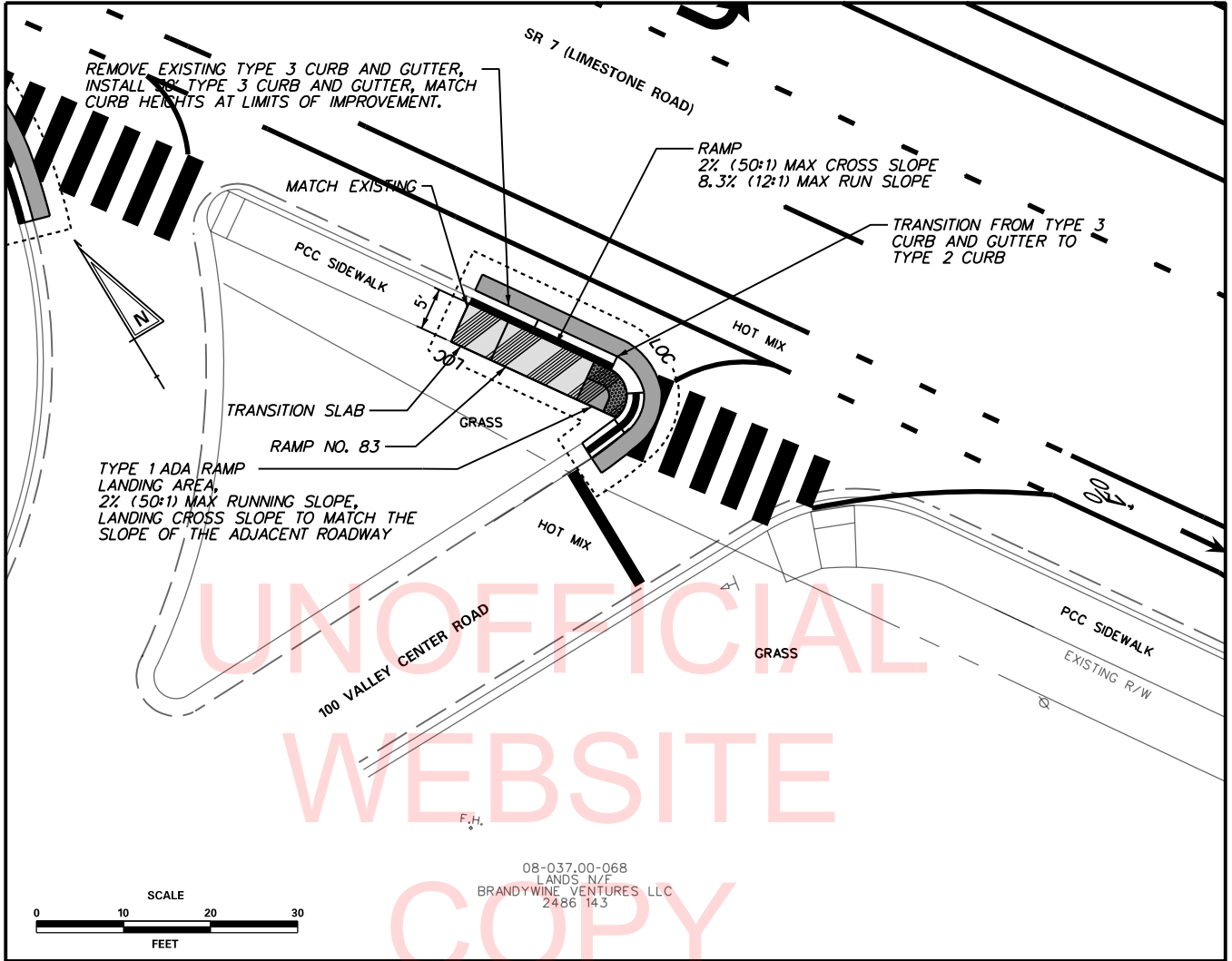
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF / MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO.	22
TOTAL SHTS.	30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT 100 VALLEY CENTER DRIVE SW CORNER
CURB RAMP NO.: 83



WORK DESCRIPTION:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

RAMP 83: EXISTING LANDING DOES NOT MEET MINIMUM (MEASURED AS 59 IN.); EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 6.6%).

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

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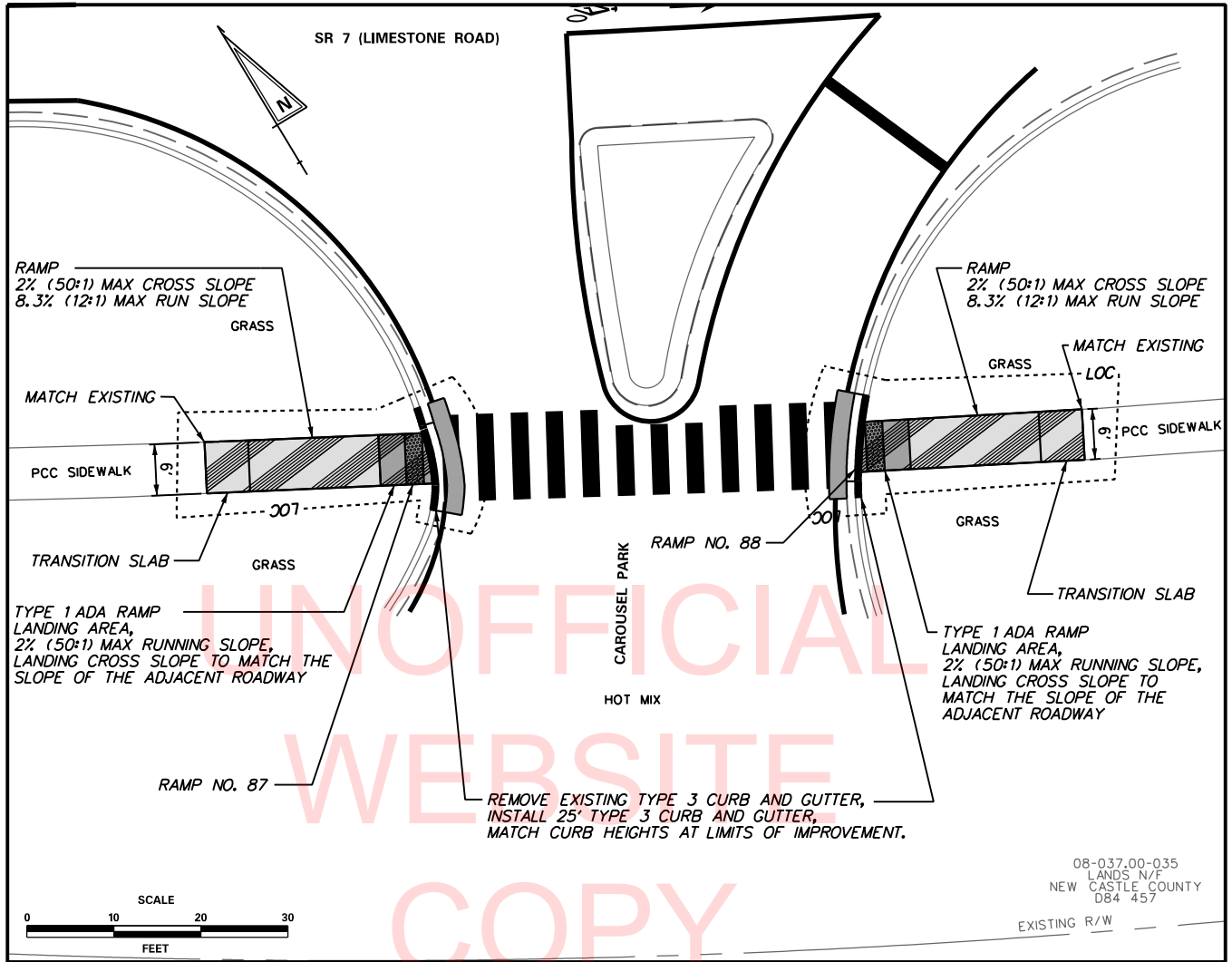
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF / MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO.	23
TOTAL SHTS.	30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
 DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
 LOCATION: SR 7 (LIMESTONE ROAD) AT CAROUSEL PARK NW AND SW CORNERS
 CURB RAMP NO.: 87 AND 88



WORK DESCRIPTION:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

RAMP 87: NO RAMP EXISTS AT THIS LOCATION.
 RAMP 88: NO RAMP EXISTS AT THIS LOCATION.

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\PIWISE\MICHAEL\DISKO\DM571142.XS-BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



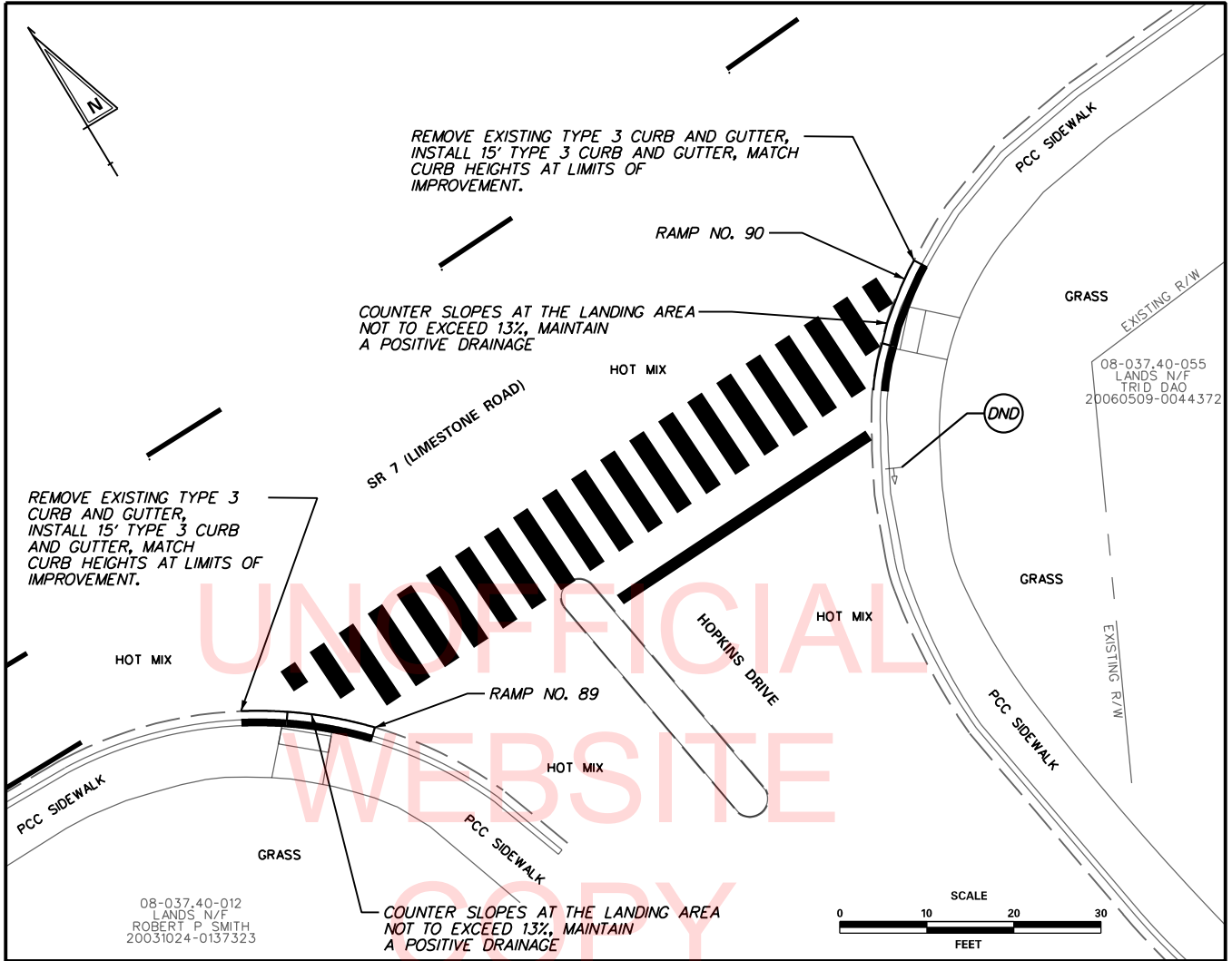
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT T201606118	ROAD NO. 31
COUNTY NEW CASTLE	DESIGNED BY: AF / MD CHECKED BY: AF

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO. 24
TOTAL SHTS. 30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT HOPKINS DRIVE NW & SW CORNER
CURB RAMP NO.: 89 & 90



WORK DESCRIPTION:

REMOVE TYPE 3 CURB AND GUTTER, AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. MAINTAIN POSITIVE DRAINAGE WHEN FLATTENING THE PAVEMENT IN FRONT OF THE DEPRESSED CURB TO ACHIEVE A COUNTER SLOPE OF 13% AND LESS.

COMMENTS:

- RAMP 89: EXISTING COUNTER SLOPES EXCEED 13% (MEASURED AS 15.3%). EXISTING LANDING RUNNING SLOPE EXCEEDS 3% (MEASURED AS 7.0%).
- RAMP 90: EXISTING COUNTER SLOPES EXCEED 13% (MEASURED AS 15.2%).

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

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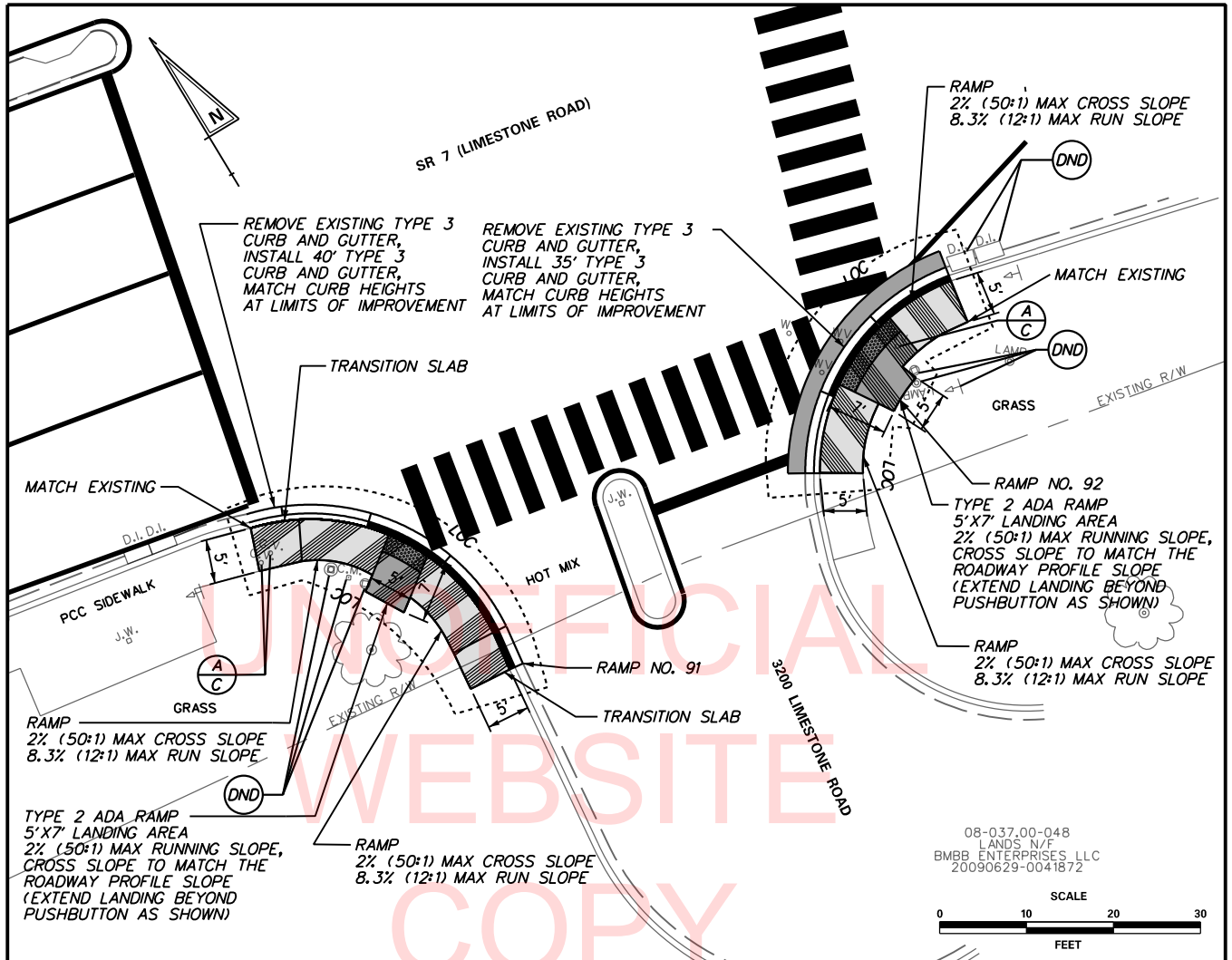
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF / MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO.	25
TOTAL SHTS.	30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT ARUNDEL DRIVE NW AND SW CORNERS
CURB RAMP NO.: 91 AND 92



WORK DESCRIPTION:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

- RAMP 91: EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 3.6%); EXISTING LANDING WIDTH DOES NOT MEET MINIMUM OF 60 IN. (MEASURED AS 48 IN.).
- RAMP 92: EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 3.9%); EXISTING COUNTER SLOPES EXCEED 13% (MEASURED AS 15.1%).

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

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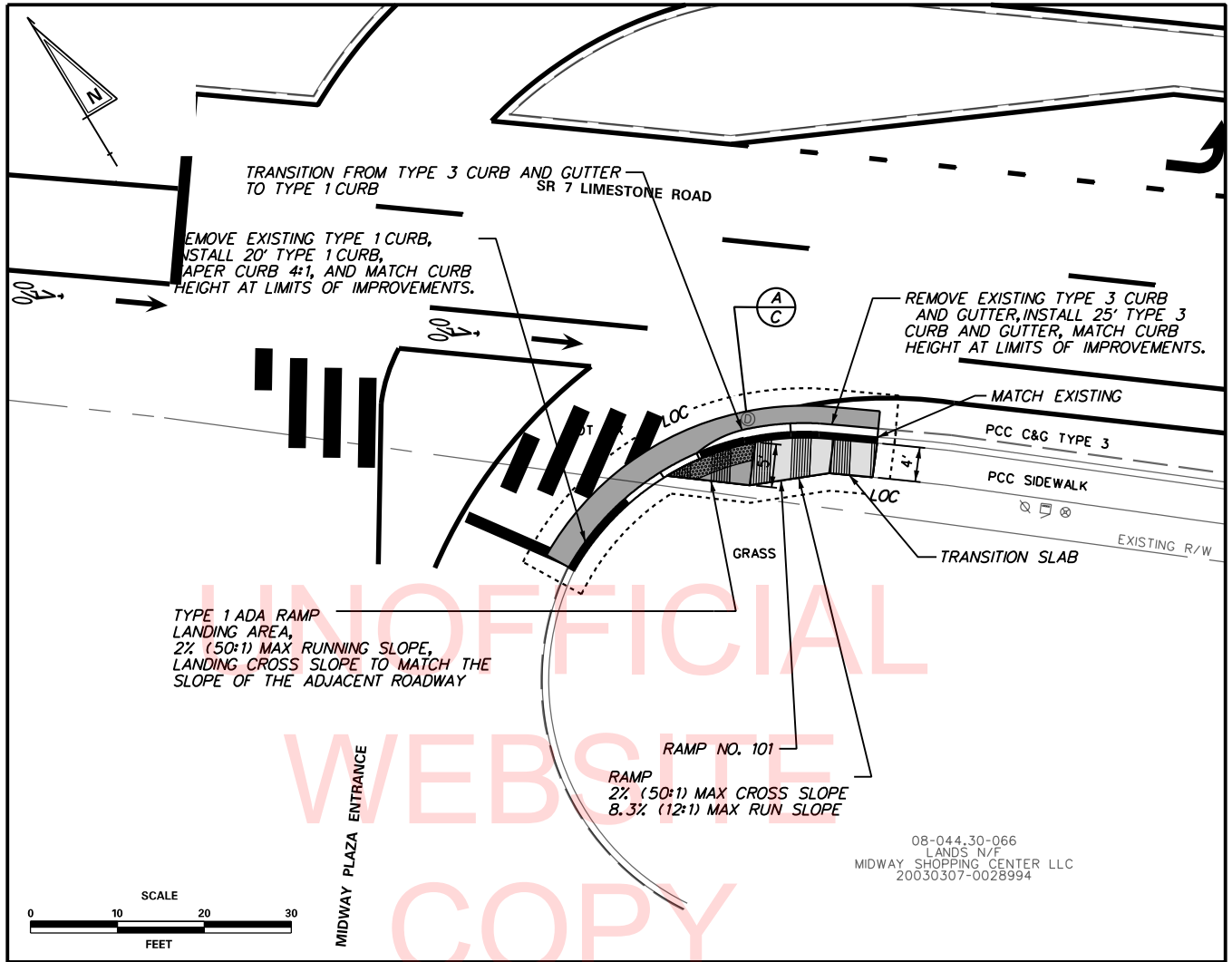
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF / MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO.	26
TOTAL SHTS.	30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
 DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
 LOCATION: SR 7 (LIMESTONE ROAD) AT 101 MIDWAY PLAZA NORTH ENTRANCE SW CORNER
 CURB RAMP NO.: 101



08-044.30-066
 LANDS N/E
 MIDWAY SHOPPING CENTER LLC
 20030307-0028994

WORK DESCRIPTION:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL -DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

EXISTING LANDING CROSS SLOPE EXCEEDS 2% (MEASURED AS 4.3%);
 EXISTING APPROACH RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 3.4%)

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\PIWISE\MICHAEL\DISKO\DM571142\XS-BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



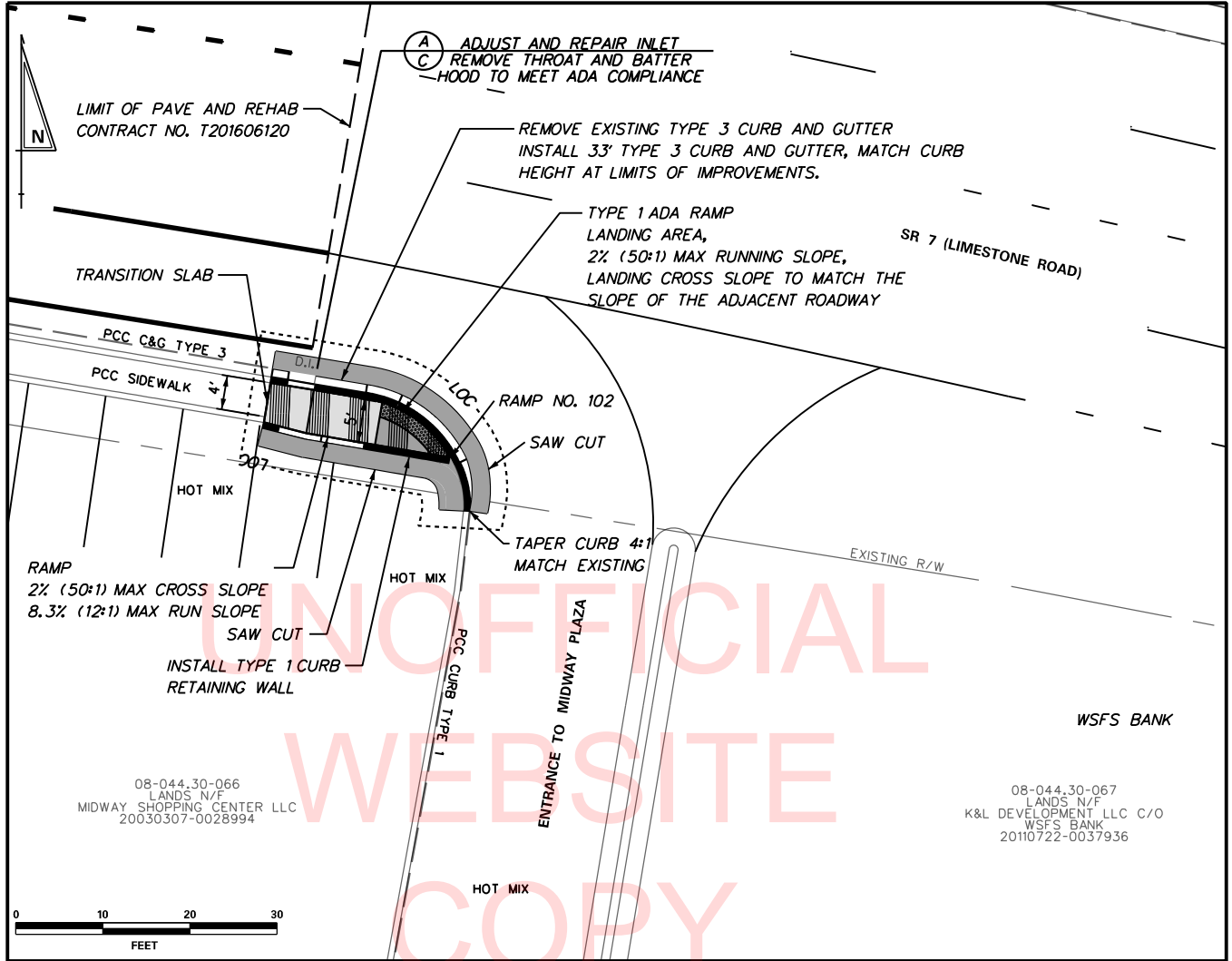
**DELAWARE
 DEPARTMENT OF TRANSPORTATION**

CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF / MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

**LIMESTONE ROAD
 PAVE AND REHAB
 ADA IMPROVEMENTS**

SHEET NO.	27
TOTAL SHTS.	30

**NON-COMPLIANT ADA FACILITY
TO BE IMPROVED BY DELDOT STANDARD DETAILS**
DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
LOCATION: SR 7 (LIMESTONE ROAD) AT MIDWAY PLAZA SOUTH ENTRANCE NW CORNER
CURB RAMP NO. : 102



WORK DESCRIPTION:

REMOVE CURB RAMP, ADJACENT SIDEWALK, AND TYPE 3 CURB AND GUTTER. INSTALL ADA COMPLIANT CURB RAMP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL-DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD.

COMMENTS:

EXISTING LANDING RUNNING SLOPE EXCEEDS 2% (MEASURED AS 4.3%);
 EXISTING LANDING CROSS SLOPE EXCEEDS 2% (MEASURED AS 5.2%);
 EXISTING RAMP CROSS SLOPE EXCEEDS 2% (MEASURED AS 3.3%);
 CURB RAMP THERE IS NO ADA CURB RAMP AT THIS LOCATION.

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	LANDING AREA (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\PI\P\W\SE\MICHAEL\DISKO\DMS71142\XS-BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



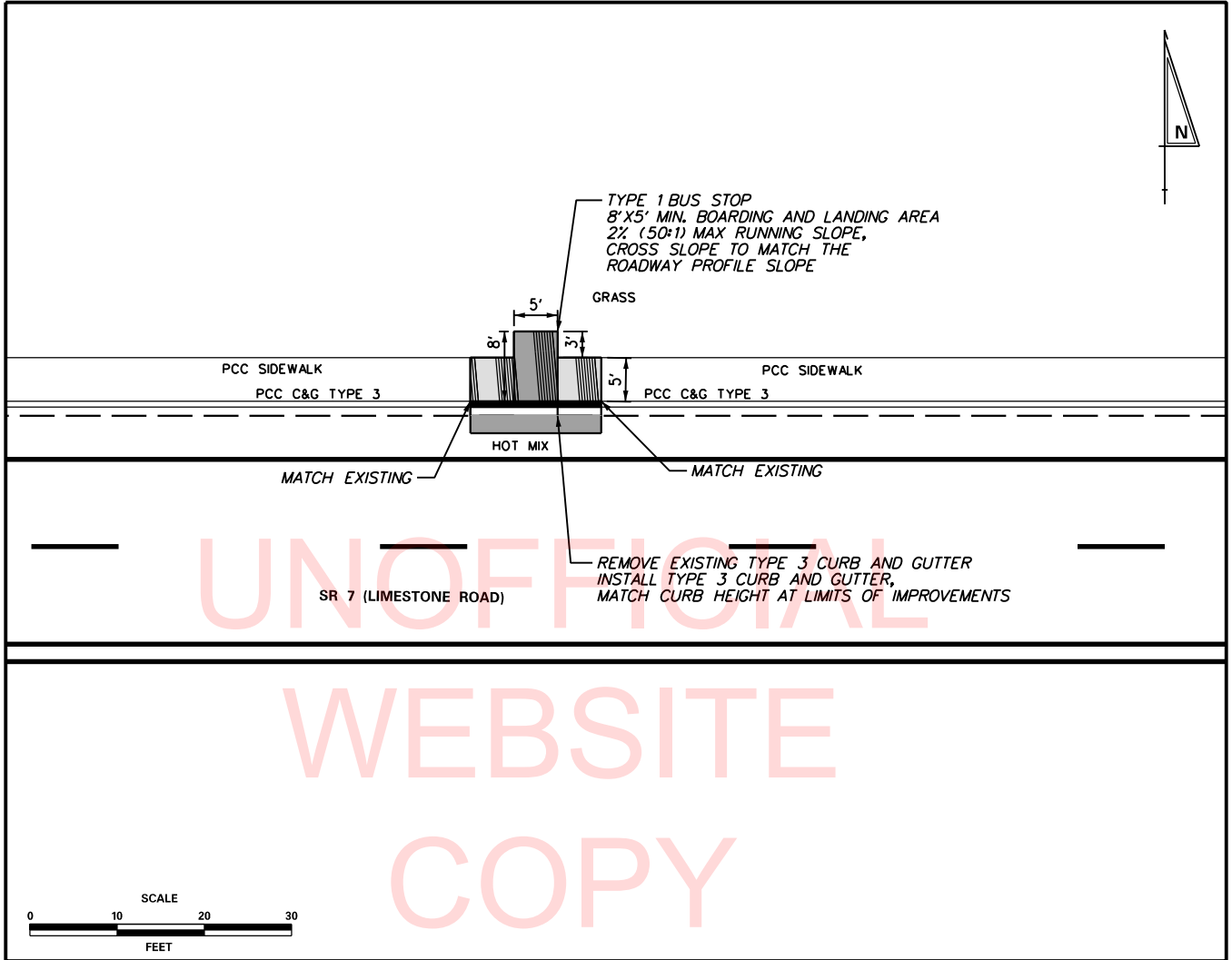
**DELAWARE
DEPARTMENT OF TRANSPORTATION**

CONTRACT T201606118	ROAD NO. 31
COUNTY NEW CASTLE	DESIGNED BY: AF / MD
	CHECKED BY: AF

**LIMESTONE ROAD
PAVE AND REHAB
ADA IMPROVEMENTS**

SHEET NO. 28
TOTAL SHTS. 30

NON-COMPLIANT ADA FACILITY
 TO BE IMPROVED BY DELDOT STANDARD DETAILS
 DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
 LOCATION: SR 7 (LIMESTONE ROAD)
 TYPE 1 BUS STOP
 BUS STOP NO.: 207, 1931, 1932, 1933, 1934, 1935,
 1938, 1966, 1968, 1970, 1971, & 1972



WORK DESCRIPTION:

REMOVE SIDEWALK AND TYPE 3 CURB AND GUTTER. INSTALL TYPE 1 BUS STOP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL -DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK. ALL DIMENSIONS LISTED ARE THE MINIMUM PER DELDOT STANDARD CONSTRUCTION DETAIL TYPE 1 BUS STOP.

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	BUS PAD (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

3/7/2018 C:\DMS\PI\P\W\SE\MICHAEL\DISKO\DMS71142\XS-BORDER.DGN T20160618 SR 7 (LIMESTONE ROAD) P&R NORTH XVIII, 2016 ADA STANDARD DETAILS



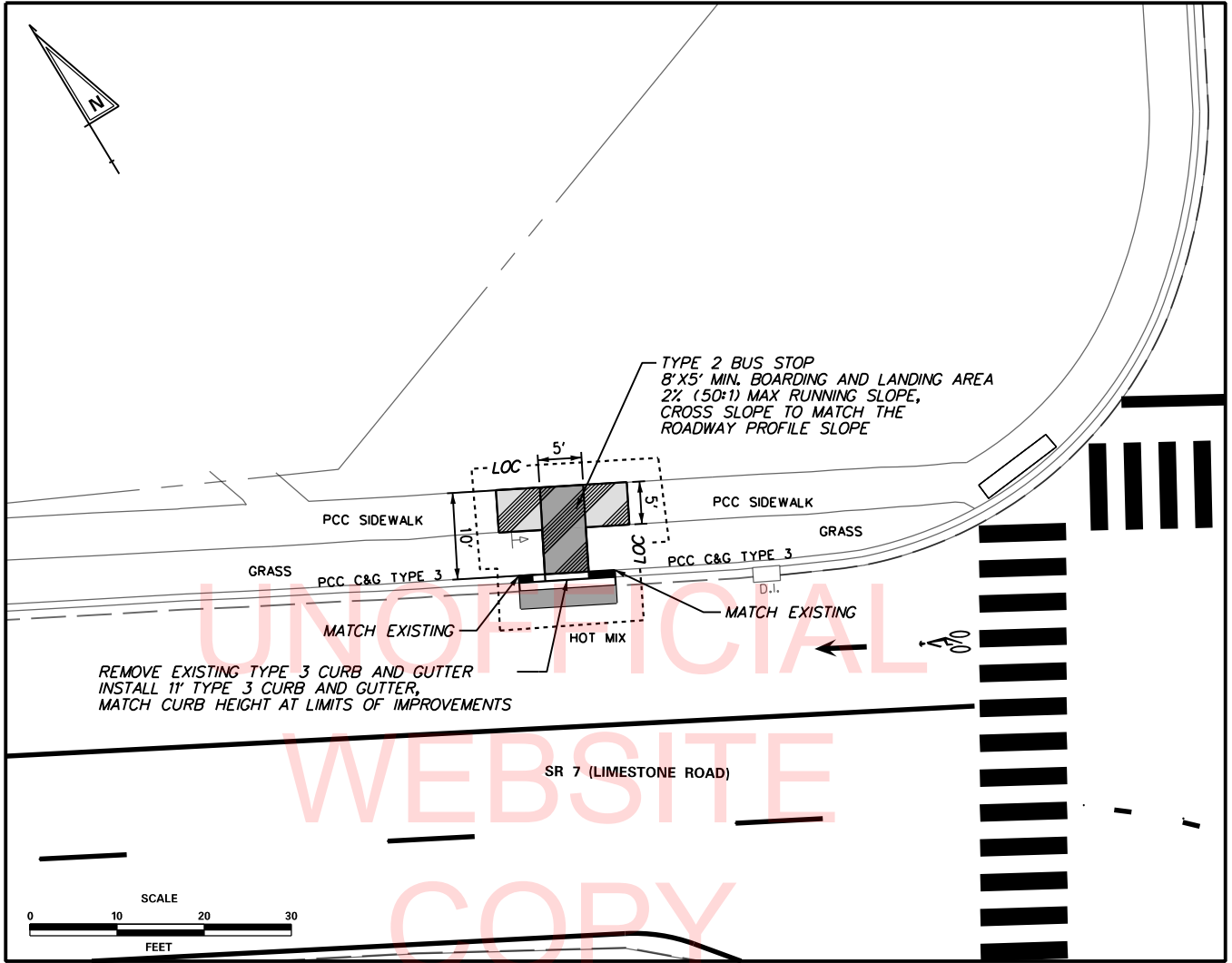
**DELAWARE
 DEPARTMENT OF TRANSPORTATION**

CONTRACT T201606118	ROAD NO. 31
COUNTY NEW CASTLE	DESIGNED BY: AF / MD
	CHECKED BY: AF

**LIMESTONE ROAD
 PAVE AND REHAB
 ADA IMPROVEMENTS**

SHEET NO. 29
TOTAL SHTS. 30

NON-COMPLIANT ADA FACILITY
 TO BE IMPROVED BY DELDOT STANDARD DETAILS
 DELDOT 2016 PAVEMENT AND REHABILITATION PROJECTS - ADA DESIGN
 LOCATION: SR 7 (LIMESTONE ROAD)
 TYPE 2 BUS STOP
 BUS STOP NO. : 1939



REMOVE EXISTING TYPE 3 CURB AND GUTTER
 INSTALL 11" TYPE 3 CURB AND GUTTER,
 MATCH CURB HEIGHT AT LIMITS OF IMPROVEMENTS

TYPE 2 BUS STOP
 8'X5' MIN. BOARDING AND LANDING AREA
 2% (50:1) MAX RUNNING SLOPE,
 CROSS SLOPE TO MATCH THE
 ROADWAY PROFILE SLOPE

WORK DESCRIPTION:

REMOVE SIDEWALK AND TYPE 3 CURB AND GUTTER. INSTALL TYPE 2 BUS STOP TO MEET REQUIREMENTS OF DELDOT STANDARD CONSTRUCTION DETAILS AND INSTALL TYPE 3 CURB AND GUTTER TO MATCH THE ADJACENT CURB HEIGHTS. INSTALL 2 FEET WIDE FULL -DEPTH PAVEMENT PATCH ALONG REPLACED CURB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. INSTALL TOPSOIL AND SEED TO DISTURBED GROUND AND TIE IN AT 6:1 MAXIMUM GRADE WITHIN 2' OF NEW SIDEWALK.

COMMENTS:

BUS STOP 1939: EXISTING CROSS SLOPE EXCEEDS 2% (MEASURED AS 2.2%);
 EXISTING ROADWAY GRADE MEASURED AS 2.3%;
 EXISTING RUNNING SLOPE MEASURED AS 1.0%;
 NO EXISTING BUS PAD AT THIS LOCATION;

CHECKLIST:

- ALL WORK IS TO PERFORMED WITHIN THE RIGHT-OF-WAY.
- NO IDENTIFIED UTILITY CONFLICT(S).
- NO IDENTIFIED DRAINAGE CONFLICT(S).
- NO IDENTIFIED PINCH POINTS.
- NO IDENTIFIED TRAFFIC CONFLICT(S).
- NO OTHER IDENTIFIED CONFLICT(S).

	BUS PAD (MAXIMUM GRADE IN ALL DIRECTIONS = 2%)
	P.C.C. SIDEWALK, 6"
	FULL DEPTH RECONSTRUCTION WITH: 2" BIT. CONC. SUPERPAVE TYPE C, PATCHING 6" BIT. CONC. SUPERPAVE TYPE B, PATCHING 8" GABC, TYPE B, PATCHING
	PAVEMENT REMOVAL - TOP SOIL, SEED AND MULCH

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DELAWARE
 DEPARTMENT OF TRANSPORTATION

CONTRACT	ROAD NO.	31
T201606118	DESIGNED BY:	AF / MD
COUNTY	CHECKED BY:	AF
NEW CASTLE		

LIMESTONE ROAD
 PAVE AND REHAB
 ADA IMPROVEMENTS

SHEET NO.	30
TOTAL SHTS.	30