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GENERAL NOTES

- REFER TO MARYLAND STATE HIGHWAY ADMINISTRATION SPECIFICATIONS FOR MATERIAL AND METHODS OF CONSTRUCTION.
- SIDEWALK RAMPS SHOULD BE LOCATED AS INDICATED. HOWEVER, EXISTING SURFACE UTILITIES AND EXISTING OR PROPOSED GEOMETRICS MAY AFFECT PLACEMENT.
- EXPANSION JOINT MATERIAL SHALL BE 1/2 INCH PREFORMED CORK, TRIMMED AND SEALED WITH NON-STAINING, TWO COMPONENT POLYSULFIDE OR POLYURETHANE ELASTOMERIC TYPE SEALANT, COMPLYING WITH ASTM-C920.

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| APPROVED | 14 APR 06 | REVISED | ASTM-C920 4/2006 | MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION |
| DIRECTOR, DEPT. OF PUBLIC WORKS & TRANSPORTATION | | RESIDENTIAL SIDEWALK RAMP | | |
| CHIEF, DIV. OF CAP. DEV. | | STANDARD NO. MC-112.01 | | |

GENERAL NOTES

- REFER TO MARYLAND STATE HIGHWAY ADMINISTRATION SPECIFICATIONS FOR MATERIALS AND METHODS OF CONSTRUCTION.
- DRIVEWAY AND DRIVEWAY APRON TO BE MAINTAINED BY PROPERTY OWNER.
- PROVIDE WEATHERED PLANE JOINTS AT MAXIMUM INTERVALS OF 15'.
- THE EXPANSION JOINTS SHALL BE PLACED AT LOCATIONS SHOWN.
- EXPANSION JOINT MATERIAL SHALL BE 1/2 INCH PREFORMED CORK, TRIMMED AND SEALED WITH NON-STAINING, TWO COMPONENT POLYSULFIDE OR POLYURETHANE ELASTOMERIC TYPE SEALANT, COMPLYING WITH ASTM-C920.

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| APPROVED | 14 APR 06 | REVISED | ASTM-C920 4/2006 | MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION |
| DIRECTOR, DEPT. OF TRANS. | | RESIDENTIAL DRIVEWAY | | |
| CHIEF, DIV. OF CAP. DEV. | | STANDARD NO. MC-301.01 | | |

| DIMENSIONS | | QUANTITIES | |
|----------------------|-----------------------|-------------------|------------|
| CONCRETE END SECTION | CONCRETE FOOTER | CONC-1 STEEL C.Y. | STEEL LBS. |
| 24" x 30" x 4' | 2'-0" x 4'-0" x 4'-0" | 0.08 | 2.03 |
| 18" x 24" x 3' | 1'-6" x 3'-0" x 3'-0" | 0.10 | 2.38 |
| 18" x 24" x 2' | 1'-6" x 2'-0" x 2'-0" | 0.11 | 2.76 |
| 24" x 30" x 3' | 3'-0" x 3'-0" x 3'-0" | 0.13 | 3.33 |
| 24" x 30" x 2' | 2'-0" x 3'-0" x 2'-0" | 0.17 | 3.51 |
| 24" x 30" x 1.5' | 1'-6" x 3'-0" x 1'-6" | 0.19 | 3.69 |
| 30" x 36" x 1.5' | 1'-6" x 3'-0" x 1'-6" | 0.21 | 4.26 |
| 36" x 42" x 1.5' | 1'-6" x 3'-0" x 1'-6" | 0.25 | 5.20 |

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| APPROVED | 14 APR 06 | REVISED | ASTM-C920 4/2006 | MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION |
| DIRECTOR, DEPT. OF TRANSPORTATION | | STANDARD NO. MD 368.01 | | |

NOTES

- TO BE USED WHERE AT LEAST 7'-0" EXISTS BETWEEN THE BACK OF CURB AND THE BACK OF SIDEWALK. THIS STANDARD MAY BE MODIFIED TO SUIT A PARTICULAR LOCATION.
- WHERE 60" SIDEWALK CAN NOT BE PROVIDED, A DESIGN WAIVER MUST BE REQUESTED.
- NO TRAVERSABLE SLOPE ON THE RAMP OR SIDEWALK SHALL EXCEED 12:1 IN THE DIRECTION OF PEDESTRIAN TRAVEL, OR 48:1 PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL.
- EXPANSION JOINT MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH STD. MD-655.01.
- SIDEWALK RAMPS SHALL BE INCLUDED IN PRICE BID FOR CONCRETE SIDEWALK. DEPRESSED CURB AND CURB TRANSITION SHALL BE INCLUDED IN PRICE BID FOR CURB OR CURB & GUTTER ADJACENT TO SIDEWALK RAMP. DETECTABLE WARNING SURFACE SHALL BE PAID FOR IN ACCORDANCE WITH SECTION 611 OF THE SPECIFICATIONS.
- SIDEWALK RAMPS TO BE SHOWN ON PLANS SHOWN LOCALLY AND REFERENCED WITH THE CENTER OF THE RAMP ALIGNED TO A STATION ON THE CONSTRUCTION CENTERLINE. SEPARATE DETAILS SHALL BE SHOWN WHERE PROPOSED RAMP VARIES FROM STANDARD CASES.

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| APPROVED | 14 APR 06 | REVISED | ASTM-C920 4/2006 | MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION |
| DIRECTOR, DEPT. OF TRANSPORTATION | | SIDEWALK RAMPS PERPENDICULAR | | |
| CHIEF, DIV. OF CAP. DEV. | | STANDARD NO. MD 655.11 | | |

NOTES

- TO BE USED WHERE AT LEAST 7'-0" EXISTS BETWEEN THE BACK OF CURB AND THE BACK OF SIDEWALK. THIS STANDARD MAY BE MODIFIED TO SUIT A PARTICULAR LOCATION.
- WHERE 60" SIDEWALK CAN NOT BE PROVIDED, A DESIGN WAIVER MUST BE REQUESTED.
- NO TRAVERSABLE SLOPE ON THE RAMP OR SIDEWALK SHALL EXCEED 12:1 IN THE DIRECTION OF PEDESTRIAN TRAVEL, OR 48:1 PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL.
- EXPANSION JOINT MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH STD. MD-655.01.
- SIDEWALK RAMPS TO BE SHOWN ON PLANS SHOWN LOCALLY AND REFERENCED WITH THE CENTER OF THE RAMP ALIGNED TO A STATION ON THE CONSTRUCTION CENTERLINE. SEPARATE DETAILS SHALL BE SHOWN WHERE PROPOSED RAMP VARIES FROM STANDARD CASES.
- FOR BUFFER WIDTHS LESS THAN 24", WIDEN SIDEWALK TO BACK OF CURB AS SHOWN FOR THE SPECIAL CASE, THEN BUILD PARALLEL RAMP USING STANDARD MD-655.12.
- TRANSITION PANELS TO TIE INTO EXISTING SIDEWALK MUST BE A MINIMUM OF 5' IN LENGTH.
- IF THE BUFFER AREA IS GREATER THAN OR EQUAL TO 4' THE LANDING AREA MUST BE 2x x 2x. IF THE BUFFER AREA IS LESS THAN 4' THE LANDING AREA CROSS-SLOPE CANNOT EXCEED THE GRADE OF THE ROAD.

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| APPROVED | 14 APR 06 | REVISED | ASTM-C920 4/2006 | MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION |
| DIRECTOR, DEPT. OF TRANSPORTATION | | SIDEWALK RAMPS COMBINATION | | |
| CHIEF, DIV. OF CAP. DEV. | | STANDARD NO. MD 655.13 | | |

NOTES

- THE DETECTABLE WARNING SURFACE SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS 6 TO 8 INCHES FROM THE FACE OF CURB.
- FOR SKEWED APPLICATIONS DETECTABLE WARNING SHALL BE PLACED SUCH THAT THE DOMES CLOSEST TO THE BACK OF CURB ARE NO LESS THAN 0.5' AND NO MORE THAN 3.0' FROM THE BACK OF CURB. TRUNCATED DOME SURFACES SHALL BE FABRICATED TO PROVIDE FULL DOMES ONLY.
- DETECTABLE WARNING SURFACE SHALL BE PAID FOR IN ACCORDANCE WITH SECTION 611 OF THE SPECIFICATIONS.
- DETECTABLE WARNING SURFACES ARE REQUIRED AT STREET CROSSING & SIGNALIZED INTERSECTIONS.

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| APPROVED | 14 APR 06 | REVISED | ASTM-C920 4/2006 | MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION |
| DIRECTOR, DEPT. OF TRANSPORTATION | | DETECTABLE WARNING SURFACES | | |
| CHIEF, DIV. OF CAP. DEV. | | STANDARD NO. MD 655.40 | | |

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|-----------|--------------|-----------------------|-----------|----------|--------|
| NO. | DATE | CAO STANDARDS VERSION | REVISIONS | BY | DATE |
| | OCTOBER 2019 | | 18 - NCS | | |
| DESIGNED: | A.G. | TECHNICAL: | D.C.G. | CHECKED: | B.J.F. |

MISS UTILITY NOTE

INFORMATION CONCERNING EXISTING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND UTILITIES OR CROSSINGS BY ENGINEERING TESTS BY HAND, WELL IN ADVANCE OF THE START OF EXCAVATION. CONTACT MISS UTILITY AT 440-267-7777 48 HOURS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THAN SHOWN ON THE PLAN OR TWELVE (12) INCHES, WHOEVER IS LESS, CONTACT THE ENGINEER AND THE UTILITY COMPANY BEFORE PROCEEDING WITH CONSTRUCTION. CLEARANCES LESS THAN NOTED MAY REQUIRE REVISIONS TO THE PLAN.

OWNER/DEVELOPER/APPLICANT

WILGUS/MONTROSE ASSOCIATES, LLC
7811 MONTROSE ROAD
SUITE 200
POTOMAC, MD 20854
PHONE: (301) 369-1500
ROCKINGHILL@WILGUS.COM
RICHARD COHEN

| | | | |
|-----------------|-------------------|-----------------|------|
| MAP | ADC | GRID | 5285 |
| TAX MAP | GC02 | GRID | 5285 |
| WBCS 2007 SHEET | 215 NW 06 | | |
| SITE DATUM | HORIZONTAL: NAD83 | VERTICAL: NAD83 | |

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

EXPIRATION DATE: _____

STORM DRAIN DETAILS

PRELIMINARY STORM DRAIN PLANS
WILGUS TRACT
7811 MONTROSE ROAD
POTOMAC (1ST) ELECTION DISTRICT, MONTGOMERY COUNTY, MARYLAND

SHEET 5 OF 5

PROJECT NO. 1326-021

DATE PLOTTED: 11/10/2020 2:17:56 PM

SCALE: 1" = 10'-0"