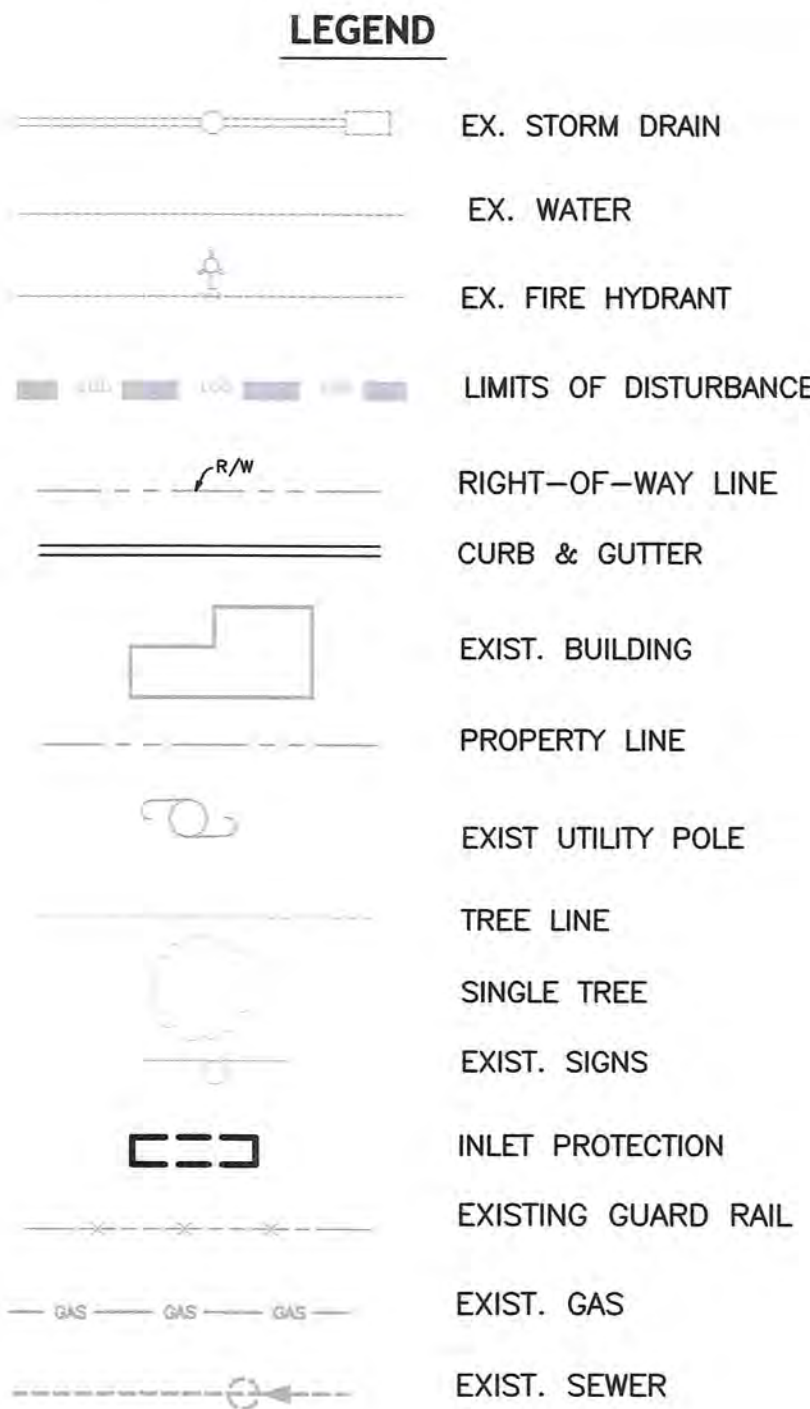


SIDEWALK ADA RAMP IMPROVEMENT PLANS

TOWN OF EMMITSBURG

FREDERICK COUNTY, MARYLAND



GENERAL NOTES

- THIS PLAN WAS PREPARED WITHOUT BENEFIT OF A TITLE REPORT AND MAY NOT INDICATE ALL ENCUMBRANCES ON THE PROPERTY.
- SUBSURFACE: FOX & ASSOCIATES, INC. HAS PERFORMED NO SUBSURFACE INVESTIGATION TO DETERMINE LOCATIONS OF ROCK, SOIL TYPES, WATER TABLE, UTILITIES, ETC.
- ALL CONSTRUCTION METHODS AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH THE TOWN OF EMMITSBURG, FREDERICK COUNTY DUSWM GENERAL CONDITIONS AND STANDARD SPECIFICATIONS FOR WATER MAINS, SANITARY SEWERS AND RELATED STRUCTURES AND THE MDOT SHA 2019 "GREY BOOK".
- INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION WHEN NOT SPECIFIED.
- CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777, TOWN OF EMMITSBURG DPW AT (301) 600-6300, AND MDOT SHA DISTRICT 7 (301) 624-8225, SEVENTY-TWO (72) HOURS PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL VERIFY EXISTING CONDITIONS BEFORE BEGINNING CONSTRUCTION.
- ALL CONSTRUCTION STATIONING IS APPROXIMATE AND MAY BE ADJUSTED IN ORDER TO MEET FIELD CONDITIONS. CONTACT THE TOWN OF EMMITSBURG INSPECTOR, TOWN'S PROJECT ENGINEER ARRO CONSULTING, INC. AT 301-791-1100, MDOT SHA DISTRICT 7 (301) 624-8225 AND FOX & ASSOCIATES, INC. PRIOR TO MAKING ANY MODIFICATIONS.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE UTILIZATION OF MEN, MATERIALS, EQUIPMENT OR SAFETY MEASURES IN THE PERFORMANCE OF ANY WORK ON THIS PROJECT. THE CONTRACTOR ASSUMES ALL RESPONSIBILITY AND LIABILITY FOR PERFORMING THE WORK CORRECTLY AND IN CONFORMANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- ALL MATERIALS EXCAVATED WHICH ARE UNSUITABLE FOR BACKFILL SHALL BE DISPOSED OF AT AN APPROVED LOCATION THAT HAS AN ACTIVE PERMIT FOR DISPOSAL OF EACH CATEGORY OF MATERIAL BEING DISPOSED OF.
- CONTRACTOR SHALL NOTIFY FREDERICK COUNTY ENVIRONMENTAL COMPLIANCE SECTION (301-490-3507) AND MDOT SHA DISTRICT 7 (301) 624-8225, AT LEAST 3 DAYS PRIOR TO START OF WORK.
- JOB SITE SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- NO BLASTING WILL BE ALLOWED FOR SITE CONSTRUCTION.
- SOILS INFORMATION TAKEN FROM "SOILS SURVEY OF FREDERICK COUNTY", 2014 EDITION.
- EXISTING UTILITIES ARE SHOWN FROM BEST AVAILABLE RECORDS. THE CONTRACTOR SHALL TEST PIT IN THE AREA OF KNOWN UTILITIES TO VERIFY SIZE, ELEVATION, LOCATION AND TYPE PRIOR TO PERFORMING ANY WORK. ANY UTILITY, WHETHER SHOWN OR NOT, THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER. SHOULD THE CONTRACTOR DISCOVER DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS, THE OWNER IS TO BE NOTIFIED IMMEDIATELY. SHOULD THE CONTRACTOR MAKE FIELD CORRECTIONS OR ADJUSTMENTS WITHOUT THE AUTHORIZATION OF THE OWNER, THEN THE CONTRACTOR ASSUMES THE RESPONSIBILITY FOR SAID CORRECTIONS OR ADJUSTMENTS.
- ANY NECESSARY ADJUSTMENTS TO EXISTING MANHOLES, VALVE BOXES, ETC., ARE TO BE DONE SO BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING ANY EXISTING FENCES, DRIVEWAYS, SIGNS, DRAINAGE PIPES, MAILBOXES, SHRUBS, TREES, ETC. DAMAGED OR REMOVED DURING CONSTRUCTION. ALL DISTURBED AREAS SHALL BE RETURNED TO THEIR ORIGINAL OR BETTER.
- EXCAVATION WITHIN A STATE ROAD RIGHT-OF-WAY WILL REQUIRE A PERMIT ISSUED BY THE MARYLAND STATE HIGHWAY ADMINISTRATION (SHA).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING SILT AND DEBRIS OUT OF THE STORM DRAINAGE SYSTEM FOR THE DURATION OF THE CONTRACT.
- CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND AS NOTED IN SECTION 104, THE TEMPORARY TRAFFIC CONTROL SECTION, OF THE MARYLAND STATE HIGHWAY ADMINISTRATION'S BOOK OF STANDARDS, LATEST EDITIONS.
- ALL BENCHMARKS SHALL BE MAINTAINED FOR THE DURATION OF THE CONSTRUCTION UNTIL TOWN HAS GRANTED FINAL APPROVAL TO THE PROJECT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING DUST, DIRT, DEBRIS AND MUD FROM ENTERING ALL ROADWAYS. IF DUST, DIRT, DEBRIS AND MUD HAPPEN TO OVERIDE PREVENTION MEASURES AND ENTER THE ROADWAY, THE CONTRACTOR SHALL BE REQUIRED TO CLEAN THE ROADWAY AS SOON AS POSSIBLE AT HIS/HER EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ELIMINATION OF DUST IN THE AIR BY THE REQUIRED WATERING OF THE GROUND AS NEEDED.
- THE CONTRACTOR SHALL NOT (1) STAGE WORK, (2) STORE MATERIALS OR (3) PERMIT PARKING OF EQUIPMENT AND/OR CONSTRUCTION-RELATED VEHICLES IN THE PUBLIC RIGHTS-OF-WAY OR PUBLICLY-OWNED PROPERTY WITHOUT PRIOR APPROVAL OF THE TOWN OF EMMITSBURG AND/OR MDOT SHA DISTRICT 7. WHERE PRACTICAL AND TO THE DEGREE POSSIBLE, THE ENGINEER SHALL DESIGNATE ON THESE PLANS APPROPRIATE SPACE THAT CAN BE UTILIZED FOR THE ABOVE PURPOSES. IT IS THE CONTRACTOR'S ULTIMATE RESPONSIBILITY TO ENSURE THAT PROPER AND APPROPRIATE AREAS ARE SECURED FOR THESE USES FOR THE DURATION OF THE PROJECT.
- CONTRACTOR IS RESPONSIBLE FOR ALL COSTS RELATED TO TEMPORARY AND PERMANENT TRAFFIC CONTROL (PAVEMENT MARKINGS, SIGNAGE, SIGNALIZATION, TRAFFIC BARRIERS, FLAGGERS, ETC.).
- THE SITE SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE MARYLAND ACCESSIBILITY CODE (MAC), THE AMERICAN DISABILITIES ACT 2010 (ADA), AND ANSI A117.1. IF THERE ARE CONFLICTING REQUIREMENTS, THE MOST STRINGENT SHALL APPLY.
- IF ROAD OR ANY PART OF ROAD IS TO BE CLOSED, A DETAILED DETOUR AND/OR CLOSURE PLAN SHALL BE SUBMITTED TO THE TOWN OF EMMITSBURG AND MDOT SHA DISTRICT 7, FOR APPROVAL.
- IF TEMPORARY PARKING, INGRESS/EGRESS OR PEDESTRIAN RESTRICTIONS SHALL BE REQUIRED DURING PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING SIGNS AND NOTIFYING ALL AFFECTED RESIDENTS/BUSINESSES AT LEAST 1 DAY IN ADVANCE. CONTRACTOR IS RESPONSIBLE FOR CONTACTING APPROPRIATE TOWN AUTHORITY BEFORE ANY OF THE ABOVE MODIFICATIONS ARE ENACTED.
- ALL CONTRACTORS MUST COMPLY WITH ALL APPLICABLE CITY, STATE AND FEDERAL LABOR AND INDUSTRY REGULATIONS TO INCLUDE CITY SAFETY & HEALTH POLICY, MOSHA, OSHA, ETC.
- THESE DRAWINGS REPRESENT THE FINISHED PRODUCT, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR, AND HAVE CONTROL OVER, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AS WELL AS ANY ASSOCIATED SAFETY PRECAUTIONS AND PROGRAMS, AND ALL INCIDENTAL OR TEMPORARY DEVICES REQUIRED TO CONSTRUCT THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE

FOR COORDINATING ALL PORTIONS OF THE WORK.

- ALL SIDEWALK AND RAMPS SHALL BE 60" WIDE UNLESS OTHERWISE SHOWN ON THE PLANS AND DETAILS. TAPER SIDEWALK TO EXISTING IN ACCORDANCE WITH STD. NO. MD-655.02 UNLESS NOTED OTHERWISE. SIDEWALK CROSS SLOPE SHALL BE 2%, WHERE THE SIDEWALK TRANSITIONS TO THE EXISTING SIDEWALK THE CROSS SLOPE SHALL TRANSITION TO EXISTING OVER 5', OR AS SHOWN ON THE DETAILS.
- ALL DISTURBED AREAS SHALL BE STABILIZED AS SHOWN ON PLANS AND RECEIVE ADDITIONAL WATERING.
- DIMENSIONS AND STATIONS ARE APPROXIMATE.
- SIDEWALK RECONSTRUCTION LIMITS SHALL COINCIDE WITH CRACK CONTROL JOINTS (JOINTER GROOVES) OR EXPANSION JOINTS IN EXISTING SIDEWALK. NEW EXPANSION JOINTS SHALL BE PROVIDED AT THE INTERFACE OF EXISTING AND PROPOSED SIDEWALK. SEE SHA STANDARD MD-655.01.
- INSTALL DETECTABLE WARNING SURFACE ON SIDEWALK RAMPS AS PER SHA STANDARD MD-655.40. DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE CURB DEPRESSION. ALL PROPOSED DETECTABLE WARNING SURFACES SHALL BE CAST IN PLACE IN NEW FULL DEPTH CONCRETE. SURFACE APPLIED (ADHESIVE, BOLT DOWN OR OTHER) SHALL NOT BE PERMITTED.
- FORM NEW SIDEWALK AND EXPANSION JOINT MATERIAL AROUND EXISTING UTILITY POLES, MANHOLE COVERS, VALVE COVERS AND FIRE HYDRANTS AS NECESSARY.
- MATCH EXISTING ELEVATIONS AT THE EDGE OF PROPOSED SIDEWALK, SIDEWALK RAMPS AND CURB AND GUTTER.
- RESET ANY SIGNS DISTURBED BY THE CONSTRUCTION AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL ADJUST EXISTING SURFACE UTILITY FRAMES AND COVERS, WATER VALVE AND WATER METERS TO PROPOSED GRADES. THE CONTRACTOR SHALL REPLACE SURFACE UTILITY FRAME AND COVERS, WATER VALVES AND WATER METERS THAT CANNOT BE ADJUSTED TO PROPOSED GRADE. THE COST OF ADJUSTMENTS OR REPLACEMENTS SHALL BE INCIDENTAL TO THE SIDEWALK, SIDEWALK RAMP OR ENTRANCE WORK.
- EXISTING INLETS SHALL NOT BE DAMAGED DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE INLETS DAMAGED BY CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.
- EXISTING CURB HEIGHTS PROVIDED ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR. RAMP AND DRIVEWAY TRANSITION LENGTHS SHALL BE VERIFIED IN THE FIELD ACCORDING TO SHA STANDARDS MD-630.01, MD-630.02, MD-655.11, MD-655.12 AND MD-655.13.
- ALL CURB REPLACEMENTS THAT END ADJACENT TO PARKING LOT DRIVEWAY ENTRANCES SHALL BE CONSTRUCTED NOSE DOWN TO MATCH EXISTING GRADE OR AS DIRECTED BY THE ENGINEER.
- EXISTING TREES, SHRUBS AND THEIR RESPECTIVE ROOT SYSTEMS SHALL NOT BE DISTURBED DURING CONSTRUCTION. UNLESS OTHERWISE NOTED.
- PAVEMENT MARKINGS IMPACTED BY THE WORK SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE ENGINEER. COST SHALL BE INCIDENTAL TO THE ADJACENT WORK. PAVEMENT MARKINGS SHOWN ARE EXISTING UNLESS OTHERWISE NOTED.
- ANY LANDSCAPING OR PLANTS DAMAGED DURING CONSTRUCTION SHALL BE PLACED AT THE CONTRACTOR'S EXPENSE.
- ALIGN PROPOSED CURB RAMPS WITH EXISTING OR PROPOSED CROSSEWALKS, WHERE APPLICABLE AS DIRECTED BY ENGINEER.
- THE REMOVAL OF PAVEMENT MARKING PAINT OR THERMOPLASTIC SHALL BE PERFORMED USING WATERBLASTING.

GENERAL INFORMATION FOR MINOR PLANS AND PROJECTS

SWM NOTES:

- STORMWATER QUALITY MANAGEMENT SHALL BE ADDRESSED THROUGH THE USE OF VEGETATED FILTERING AND OTHER BEST MANAGEMENT PRACTICES AS OUTLINED IN THE 2007 MARYLAND STORMWATER DESIGN MANUAL, CHAPTER 5.
- THE AREA DISTURBED SHALL NOT INFRINGE UPON WOODED AREA OR DEGRADE THE CURRENT LAND USE.
- ALL DISTURBED AREA SHALL BE RETURNED TO A COMPARABLE OR BETTER CONDITION THAN WHAT PREVIOUSLY EXISTED.
- REGRADED AREAS SHALL NOT FURTHER IMPACT OTHER PROPERTIES WITH RESPECT TO DRAINAGE.
- THE TOP SIX-INCH BACKFILL LAYER LOCATED WITHIN GRASS AND/OR OTHER PREVIOUS AREAS IS NOT TO BE COMPACTED.

SHEET INDEX

SHEET No.	DESCRIPTION
1	COVERSHEET
2	OVERALL PLAN
3	SIDEWALK PLAN
4	SIDEWALK PLAN
5	SIDEWALK PLAN
6	SIDEWALK PLAN
7	SIDEWALK PLAN
8	SIDEWALK PLAN
9	SIDEWALK PLAN
10	SIDEWALK PLAN
11	SIDEWALK DETAILS
12	SIDEWALK DETAILS
13	SIDEWALK DETAILS
14	SIDEWALK DETAILS
15	SEDIMENT & EROSION CONTROL NOTES AND DETAILS
16	SEDIMENT & EROSION CONTROL NOTES AND DETAILS

VICINITY MAP

FIRE & RESCUE NOTES:

- FIRE DEPARTMENT ACCESS ROADS SHALL BE ACCESSIBLE DURING ALL TYPES OF WEATHER AND AT ALL TIMES.
- FIRE DEPARTMENT ACCESS ROADS SHALL BE CAPABLE OF SUPPORTING FIRE APPARATUS AT ALL TIMES AND BE A MINIMUM OF 18 FEET WIDE.
- FIRE DEPARTMENT ACCESS SHALL BE PROVIDED AND MAINTAINED TO ALL STRUCTURES UNDERGOING CONSTRUCTION, ALTERATION OR DEMOLITION.
- THE ACCESS ROADWAYS SHALL PROVIDE A MINIMUM TURNING RADIUS OF 40 TO 45 FEET.
- STREETS AND FIRE HYDRANTS/WATER MAINS ARE REQUIRED TO BE CONSTRUCTED AND IN SERVICE PRIOR TO THE START OF ANY VERTICAL BUILDING CONSTRUCTION.
- FIRE LANES/STREETS PROVIDING ACCESS TO THE BUILDINGS WHILE UNDER CONSTRUCTION SHALL BE PROVIDED PRIOR TO THE START OF VERTICAL CONSTRUCTION OF THE BUILDINGS (NFPA 1, SECTION 16.1.4).
- ON-SITE FIRE HYDRANTS SHALL BE INSTALLED AND IN SERVICE PRIOR TO THE START OF VERTICAL CONSTRUCTION OF THE BUILDINGS (NFPA 1, 16.4.3.1.3).

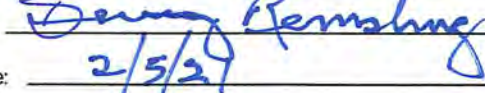
PROJECT DESCRIPTION

PROJECT INCLUDES CONSTRUCTION OF NEW AND REPLACEMENT OF EXISTING ADA ACCESSIBLE SIDEWALK RAMPS.

PROFESSIONAL CERTIFICATION

STATE OF MARYLAND
JOSEPH H. CEGI
P.E. REG. NO. 30709
DATE 1/21/21
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.
LICENSE NO. 30709 EXP. DATE 7/23/22

FREDERICK SOIL CONSERVATION DISTRICT SOIL EROSION AND SEDIMENT CONTROL PLAN APPROVAL

By: 
Date: 2/3/21
SCD APPROVAL FOR SEDIMENT AND EROSION CONTROL IS CONTINGENT UPON ISSUANCE OF ALL APPLICABLE REGULATORY PERMITS.
(PLAN IS VALID FOR TWO YEARS FROM DATE OF APPROVAL)

OWNERS / DEVELOPERS CERTIFICATION

I/WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT.

OWNER/DEVELOPER DATE 1/21/21

DISTURBED AREA QUANTITY

THE TOTAL AREA TO BE DISTURBED SHOWN ON THESE PLANS HAS BEEN DETERMINED TO BE APPROXIMATELY 38,523 SQ. FT. AND THE TOTAL AMOUNT OF EXCAVATION AND FILL AS SHOWN ON THESE PLANS HAS BEEN COMPUTED TO BE APPROXIMATELY 700 CU. YDS. * OF FILL EXCAVATION AND APPROXIMATELY 700 CU. YDS. * OF FILL.

JOSEPH H. CEGI, P.E. REG. NO. 30709 DATE 1/21/21
* THESE QUANTITIES ARE APPROXIMATE AND SHALL NOT BE USED BY THE CONTRACTOR FOR BIDDING PURPOSES.

ENGINEER DESIGN CERTIFICATION

I HEREBY CERTIFY THIS PLAN FOR SOIL EROSION AND SEDIMENT CONTROL HAS BEEN DESIGNED IN ACCORDANCE WITH LOCAL ORDINANCES, COMAR 26.17.01, 26.17.02 AND THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

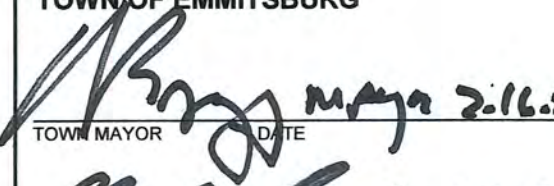
JOSEPH H. CEGI REG. NO. 30709 DATE 1/21/21

CDD - Dev. Review

File: _____
A / P #: _____
Due Date: _____

PROJECT NO. 20-31621
DRAWING NO. D - 3504
DATE: SEPTEMBER 2020
DRAWN BY: JWC
CHECKED BY: JHC
SHEET 1 OF 15

OWNER/DEVELOPER:
THE TOWN OF EMMITSBURG
300A S. SETON AVE.
EMMITSBURG, MD 21727
301-600-6300

APPROVED BY:
TOWN OF EMMITSBURG

TOWN MAYOR DATE

PLANNING COMMISSION CHAIRMAN DATE

RAMPS 41, 52, 54, 59, 60, 61 & 111 PURPOSELY OMITTED		
LOCATION	STREET	INTERSECTING STREET
1	Cedar Ave	Mid Block
2	Cedar Ave	Mountaineers Way
3	Cedar Ave	Mountaineers Way
4	Cedar Ave	Mountaineers Way
5	Cedar Ave	Mountaineers Way
6	Cedar Ave	Willow Dr.
7	Timbermill Run	Huntley Cr.
8	Timbermill Run	Huntley Cr.
9	Timbermill Run	Huntley Cr.
10	Timbermill Run	Ramblewood Dr.
11	Timbermill Run	Ramblewood Dr.
12	Timbermill Run	Ramblewood Dr.
13	Timbermill Run	Heatherwind Dr.
14	Ramblewood Dr.	Heatherwind Dr.
15	Timbermill Run	Ramblewood Dr.
16	Timbermill Run	Ramblewood Dr.
17	Timbermill Run	Ramblewood Ct.
18	Timbermill Run	Ramblewood Ct.
19	Timbermill Run	Brookfield Dr.
20	Timbermill Run	Brookfield Dr.
21	Timbermill Ct.	Brookfield Dr.
22	Timbermill Ct.	Brookfield Dr.
23	Timbermill Ct.	Wheatley Dr.
24	Timbermill Ct.	Wheatley Dr.
25	Brookfield Dr.	Carrick Ct.
26	Brookfield Dr.	Carrick Ct.
27	Brookfield Dr.	Pembroke Ct.
28	Brookfield Dr.	Pembroke Ct.
29	Brookfield Dr.	Stonehurst Dr.
30	Brookfield Dr.	Stonehurst Dr.
31	Brookfield Dr.	Tract Rd.
32	Brookfield Dr.	Tract Rd.
33	Timbermill Run	W. Main St. MD 140
34	Provincial Pkwy.	Mid Block
35	Provincial Pkwy.	Zanella Dr.
36	Provincial Pkwy.	Zanella Dr.
37	Provincial Pkwy.	Adams Ave.
38	Provincial Pkwy.	Adams Ave.
39	Adams Ave	Williams Ct.
40	Provincial Pkwy.	Mid Block
41	Zanella Dr.	Adams Ave.
42	Zanella Dr.	Adams Ave.
43	Zanella Dr.	Adams Ave.
44	Provincial Pkwy.	Irishtown Ct.
45	Provincial Pkwy.	Irishtown Ct.
46	Irishtown Ct.	Irishtown Dr.
47	Irishtown Ct.	Irishtown Dr.
48	Irishtown Ct.	Irishtown Dr.
49	Irishtown Ct.	Irishtown Dr.
50	Silo Hill Rd.	Jubilee Parking Lot Entrance
51	Silo Hill Rd.	Jubilee Parking Lot Entrance
52	Silo Hill Pkwy.	McDonalds Entrance
53	Silo Hill Pkwy.	Exxon Gas Station Entrance
54	Silo Hill Pkwy.	Exxon Gas Station Entrance
55	Silo Hill Pkwy.	McDonalds Entrance
56	Silo Hill Pkwy.	Exxon Gas Station Entrance
57	Silo Hill Pkwy.	McDonalds Entrance
58	Silo Hill Pkwy.	Exxon Gas Station Entrance
59	Silo Hill Pkwy.	Entrance to Future Parking Lot
60	Silo Hill Pkwy.	Entrance to Future Parking Lot
61	Silo Hill Pkwy.	Sleep Inn & Suites Parking Lot
62	Silo Hill Pkwy.	Sleep Inn & Suites Parking Lot
63	Silo Hill Rd.	Entrance to Strip Mall
64	Silo Hill Rd.	Entrance to Strip Mall
65	Silo Hill Rd.	Mid Block
66	Silo Hill Rd.	Robindale Dr.
67	Silo Hill Rd.	Robindale Dr.
68	Silo Hill Rd.	Robindale Dr.
69	Silo Hill Rd.	Robindale Dr.
70	Silo Hill Rd.	Robindale Dr.
71	Robindale Dr.	Heritage Ln.
72	Robindale Dr.	Heritage Ln.
73	Robindale Dr.	University Dr.
74	Robindale Dr.	University Dr.
75	Robindale Dr.	University Dr.
76	Heritage Ln.	University Dr.
77	Heritage Ln.	University Dr.
78	Robindale Dr.	Heritage Ln.
79	Robindale Dr.	Heritage Ln.
80	Silo Hill Rd.	Robindale Dr.
81	Silo Hill Rd.	Mid Block
82	Silo Hill Rd.	Robindale Dr.
83	Silo Hill Rd.	Academy Ct.
84	Silo Hill Rd.	Academy Ct.
85	Silo Hill Rd.	Flat Run Ct.
86	Silo Hill Rd.	Flat Run Ct.
87	Potomac St.	Chesapeake Ave.
88	Creamery Rd.	Mother Seton School Entrance
89	Creamery Rd.	Mother Seton School Entrance
90	Creamery Rd.	Mother Seton School Entrance
91	Creamery Rd.	Mother Seton School Entrance
92	Creamery Rd.	E. Lincoln Ave.
93	Creamery Rd.	E. Lincoln Ave.
94	E. Lincoln Ave.	Mid Block
95	E. Lincoln Ave.	Entrance to Daughters of Charity
96	E. Lincoln Ave.	Entrance to Daughters of Charity
97	Lincoln Ave.	Chesapeake Ave.
98	Lincoln Ave.	Chesapeake Ave.
99	W. Lincoln Ave.	S. School Ln.
100	W. Lincoln Ave.	Willow Dr.
101	W. Lincoln Ave.	Willow Dr.
102	W. Lincoln Ave.	Community Pool Entrance
103	W. Lincoln Ave.	Community Pool Entrance
104	W. Lincoln Ave.	Community Pool Entrance
105	W. Lincoln Ave.	Community Pool Entrance
106	W. Lincoln Ave.	Patterson Ave.
107	W. Lincoln Ave.	Patterson Ave.
108	Patterson Ave.	Christ's Church Entrance
109	Patterson Ave.	Christ's Church Entrance
110	Patterson Ave.	Lincoln on the Park Entrance
111	Patterson Ave.	Lincoln on the Park Entrance
112	Warthens Ct.	Warthens Way
113	Welty Ave.	Mid Block
114	Welty Ave.	W. North Ave.
115	Depaul St.	Federal Ave.
116	Depaul St.	Federal Ave.
117	Depaul St.	Federal Ave.
118	Depaul St.	St. Josephs Ln.
119	Depaul St.	St. Josephs Ln.
120	Depaul St.	St. Josephs Ln.
121	Depaul St.	St. Josephs Ln.
122	Irishtown Rd.	Mid Block
123	Irishtown Rd.	Emmit Ct.
124	Irishtown Rd.	Waycross Ct.
125	Irishtown Rd.	Waycross Ct.
126	Willow Dr.	Town Park
127	Willow Dr.	Town Park
128	Willow Dr.	Town Park
129	Willow Dr.	Town Park
130	Willow Dr.	Town Park
131	Willow Dr.	Town Park
132	Silo Hill Pkwy.	McDonalds Entrance
133	Memorial Dr.	City Park
134	Memorial Dr.	City Park
135	Memorial Dr.	City Park
136	Memorial Dr.	City Park
137	Cedar Ave	Mid Block



FOX & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS
82 WORMANS MILL COURT
HAGERSTOWN, MD 21740
PHONE: (301) 733-8603
or (301) 416-7250
FAX: (301) 293-9009
WWW.FOXASSOCIATESINC.COM

OVERALL PLAN

TOWN OF EMMITSBURG

SITUATED IN THE TOWN OF EMMITSBURG
TOWN OF EMMITSBURG, ELECTION DISTRICT NO. 5
FREDERICK COUNTY, MARYLAND

SCALE: 1" = 300'

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.

LICENSE NO. 20103 EXP. DATE 7/23/22

PROJECT NO. 20-31621
DRAWING NO. D-3504
DATE: SEPTEMBER 2020
DRAWN BY: JWE
CHECKED BY: JHC

SHEET 2 OF 15

TOWN OF EMMITSBURG
SIDEWALK PLAN

SITUATED IN THE TOWN OF EMMITSBURG
TOWN OF EMMITSBURG, ELECTION DISTRICT NO. 5
FREDERICK COUNTY, MARYLAND

SCALE: 1" = 20'

PROFESSIONAL CERTIFICATION

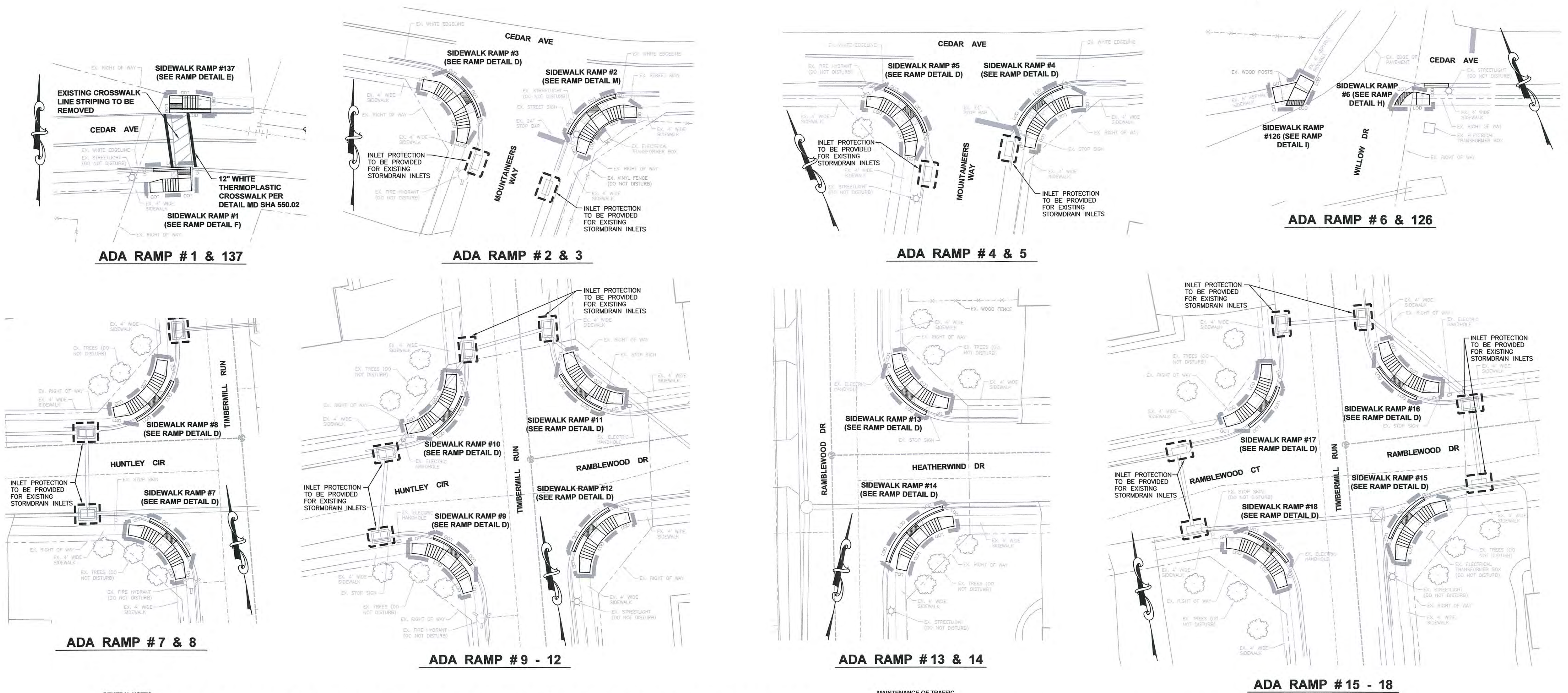


I HEREBY CERTIFY THAT THESE DOCUMENTS
WERE PREPARED OR APPROVED BY ME, AND THAT
I AM A DULY LICENSED PROFESSIONAL ENGINEER
UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NO. 30109 EXP. DATE 7/23/21
PROJECT NO. 20-31821
DRAWING NO. D-3604
DATE: SEPTEMBER 2020
DRAWN BY: JWE
CHECKED BY: JHC

SHEET 3 OF 15

- PROPOSED ASPHALT PAVING
- PROPOSED CONCRETE SIDEWALK AND ADA RAMP
- REMOVE EXISTING CONCRETE CURB & GUTTER, RAMP AND SIDEWALK
- LIMITS OF DISTURBANCE



GENERAL NOTES

- ALL SIDEWALK AND RAMPS SHALL BE 60" WIDE UNLESS OTHERWISE SHOWN ON THE PLANS AND DETAILS. TAPER SIDEWALK TO EXISTING IN ACCORDANCE WITH STD. NO. MD-655.02 UNLESS NOTED OTHERWISE. SIDEWALK CROSS SLOPE SHALL BE 2% WHERE THE SIDEWALK TRANSITIONS TO THE EXISTING SIDEWALK THE CROSS SLOPE SHALL TRANSITION TO EXISTING OVER 5% OR AS SHOWN ON THE DETAILS.
- ALL DISTURBED AREAS SHALL BE SODDED. SOD SHALL BE PLACED ON 4" OF TOPSOIL. SOD SHALL RECEIVE ADDITIONAL WATERING.
- REFER TO SHEETS 14 & 15 FOR EROSION AND SEDIMENT CONTROL REQUIREMENTS.
- SEDIMENT AND EROSION CONTROL REGULATIONS WILL BE STRICTLY ENFORCED DURING CONSTRUCTION.
- NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED OVERNIGHT UNLESS THE RUNOFF IS DIRECTED TO AN APPROVED SEDIMENT CONTROL DEVICE.
- DIMENSIONS AND STATIONS ARE APPROXIMATE.
- SIDEWALK RECONSTRUCTION LIMITS SHALL COINCIDE WITH CRACK CONTROL JOINTS (JOINTER GROOVES) OR EXPANSION JOINTS IN EXISTING SIDEWALK. NEW EXPANSION JOINTS SHALL BE PROVIDED AT THE INTERFACE OF EXISTING AND PROPOSED SIDEWALK. SEE SHA STANDARD MD-655.01.
- INSTALL DETECTABLE WARNING SURFACE ON SIDEWALK RAMPS AS PER SHA STANDARD MD-655.40. DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE CURB DEPRESSION. ALL PROPOSED DETECTABLE WARNING SURFACES SHALL BE CAST IN PLACE IN NEW FULL DEPTH CONCRETE. SURFACE APPLIED (ADHESIVE, BOLT DOWN OR OTHER) SHALL NOT BE PERMITTED.
- FORM NEW SIDEWALK AND EXPANSION JOINT MATERIAL AROUND EXISTING UTILITY POLES, MANHOLE COVERS, VALVE COVERS AND FIRE HYDRANTS AS NECESSARY.
- MATCH EXISTING ELEVATIONS AT THE EDGE OF PROPOSED SIDEWALK, SIDEWALK RAMPS AND CURB AND GUTTER.
- RESET ANY SIGNS DISTURBED BY THE CONSTRUCTION AS DIRECTED BY THE ENGINEER.

- THE CONTRACTOR SHALL ADJUST EXISTING SURFACE UTILITY FRAMES AND COVERS, WATER VALVES AND WATER METERS TO PROPOSED GRADES. THE CONTRACTOR SHALL REPLACE SURFACE UTILITY FRAMES AND COVERS, WATER VALVES AND WATER METERS THAT CANNOT BE ADJUSTED TO PROPOSED GRADE. THE COST OF ADJUSTMENTS OR REPLACEMENTS SHALL BE INCIDENTAL TO THE SIDEWALK, SIDEWALK RAMP OR ENTRANCE WORK.
- EXISTING INLETS SHALL NOT BE DAMAGED DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE INLETS DAMAGED BY CONTRACTOR ACTIVITIES AT NO ADDITIONAL COST TO THE TOWN.
- EXISTING CURB HEIGHTS PROVIDED ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR. RAMP AND DRIVEWAY TRANSITION LENGTHS SHALL BE VERIFIED IN THE FIELD ACCORDING TO SHA STANDARDS MD-630.01, MD-630.02, MD-655.11, MD-655.12 AND MD-655.13.
- ALL CURB REPLACEMENTS THAT END ADJACENT TO PARKING LOT DRIVEWAY ENTRANCES SHALL BE CONSTRUCTED NOSE DOWN TO MATCH EXISTING GRADE OR AS DIRECTED BY THE ENGINEER.
- EXISTING TREES, SHRUBS AND THEIR RESPECTIVE ROOT SYSTEMS SHALL NOT BE DISTURBED DURING CONSTRUCTION, UNLESS OTHERWISE NOTED.
- PAVEMENT MARKINGS IMPACTED BY THE WORK SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE ENGINEER. COST SHALL BE INCIDENTAL TO THE ADJACENT WORK. PAVEMENT MARKINGS SHOWN ARE EXISTING UNLESS OTHERWISE NOTED.
- ANY LANDSCAPING OR PLANTS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- ALIGN PROPOSED CURB RAMPS WITH EXISTING OR PROPOSED CROSSWALKS, WHERE APPLICABLE AS DIRECTED BY ENGINEER.

MAINTENANCE OF TRAFFIC

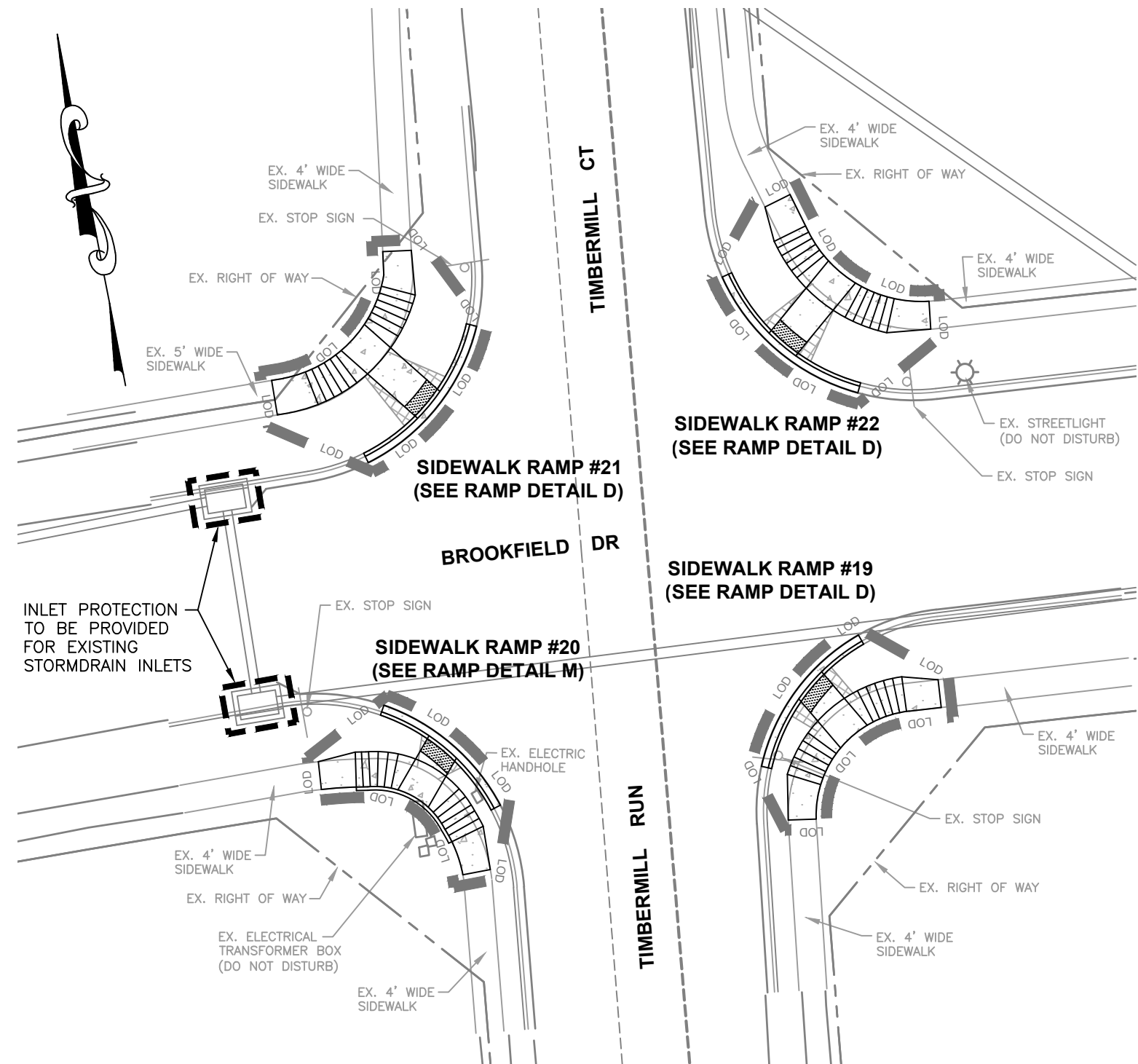
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE MOT STANDARDS MD 104.00-01 THRU 104.06-27 AND THE MARYLAND MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MDMUTCD) 2011 EDITION. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR WORK THAT IS NOT PERFORMED IN ACCORDANCE WITH THE MOT STANDARDS FOR ADMINISTRATIVE APPROVAL.
- FOLLOW STANDARDS MD 104.06-09 B-D FOR PEDESTRIAN TRAFFIC CONTROL.
- WORK HOURS ARE SUBJECT TO COMPLIANCE WITH MDOT SPECIFICATIONS. REFER TO THE CONTRACT SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS AND TIMES.
- SET UP TEMPORARY TRAFFIC CONTROL PRIOR TO THE START OF NEW CONSTRUCTION. NO WORK IS TO BEGIN UNTIL ALL ADVANCE WARNING SIGNS, DRUMS AND ARROW PANELS ARE IN PLACE AND OPERATIONAL.
- CONTRACTOR SHALL MAINTAIN A MINIMUM TRAVEL LANE WIDTH OF TEN (10) FEET.
- PROVIDE ACCESS TO ALL ENTRANCES AND COORDINATE DRIVEWAY ACCESS WITH PROPERTY OWNERS.
- ADVANCED NOTIFICATION OF SIDEWALK CLOSURES SHALL BE PROVIDED. A BARRIER THAT IS DETECTABLE BY A PERSON WITH A VISUAL DISABILITY SHALL BE PLACED ACROSS THE FULL WIDTH OF THE CLOSED SIDEWALK.
- WHERE PEDESTRIANS ARE DIRECTED TO CROSS TO THE OPPOSITE SIDE OF THE ROADWAY, APPROPRIATE ADVANCED SIGNING SHOULD BE PLACED AT THE INTERSECTIONS RATHER THAN MID BLOCK CROSSINGS.
- TRAFFIC CONTROL DEVICES AND OTHER CONSTRUCTION MATERIALS AND FEATURES SHALL NOT INTRUDE INTO THE USABLE WIDTH OF THE SIDEWALK, TEMPORARY PATHWAY OR OTHER PEDESTRIAN FACILITY.
- COORDINATE PARKING WITH THE TOWN OF EMMITSBURG PRIOR TO IMPLEMENTING WORK.

OWNER/DEVELOPER:
THE TOWN OF EMMITSBURG
300A S. SETON AVE.
EMMITSBURG, MD 21727
301-600-6300

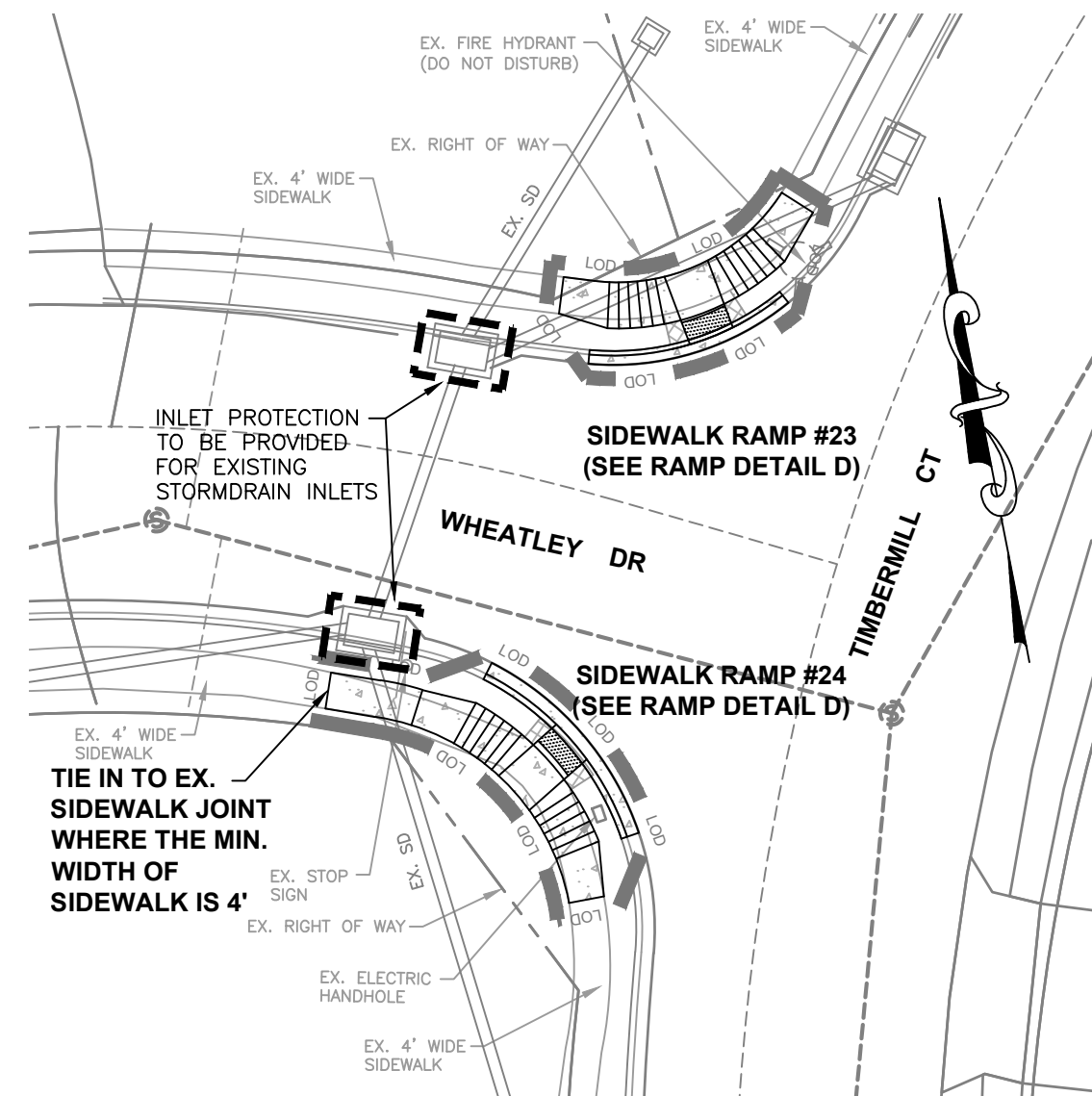
APPROVED BY:
TOWN OF EMMITSBURG

TOWN MAYOR DATE 2-16-21

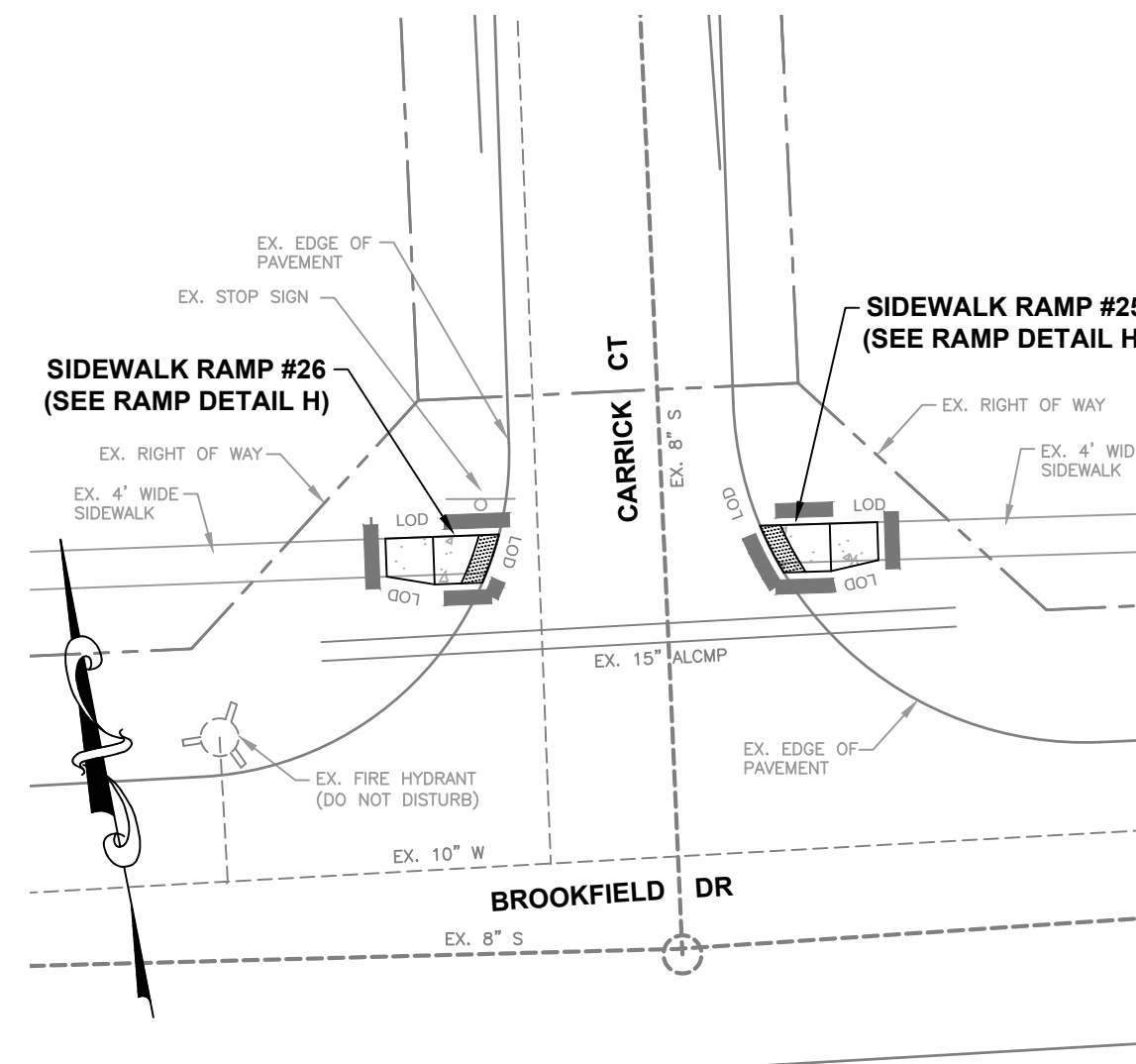
PLANNING COMMISSION CHAIRMAN DATE 2-17-21



ADA RAMP # 19 - 22

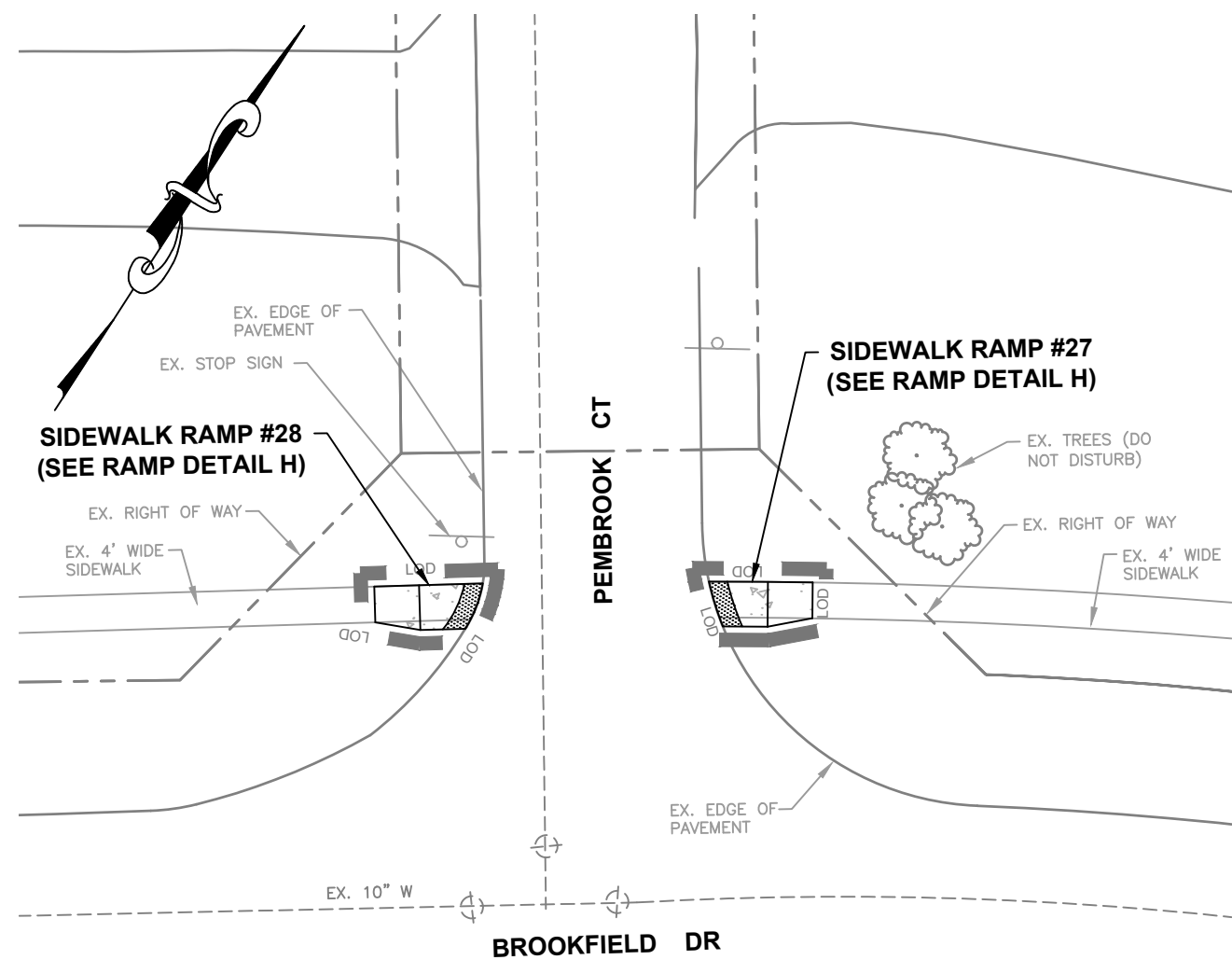


ADA RAMP # 23 & 24

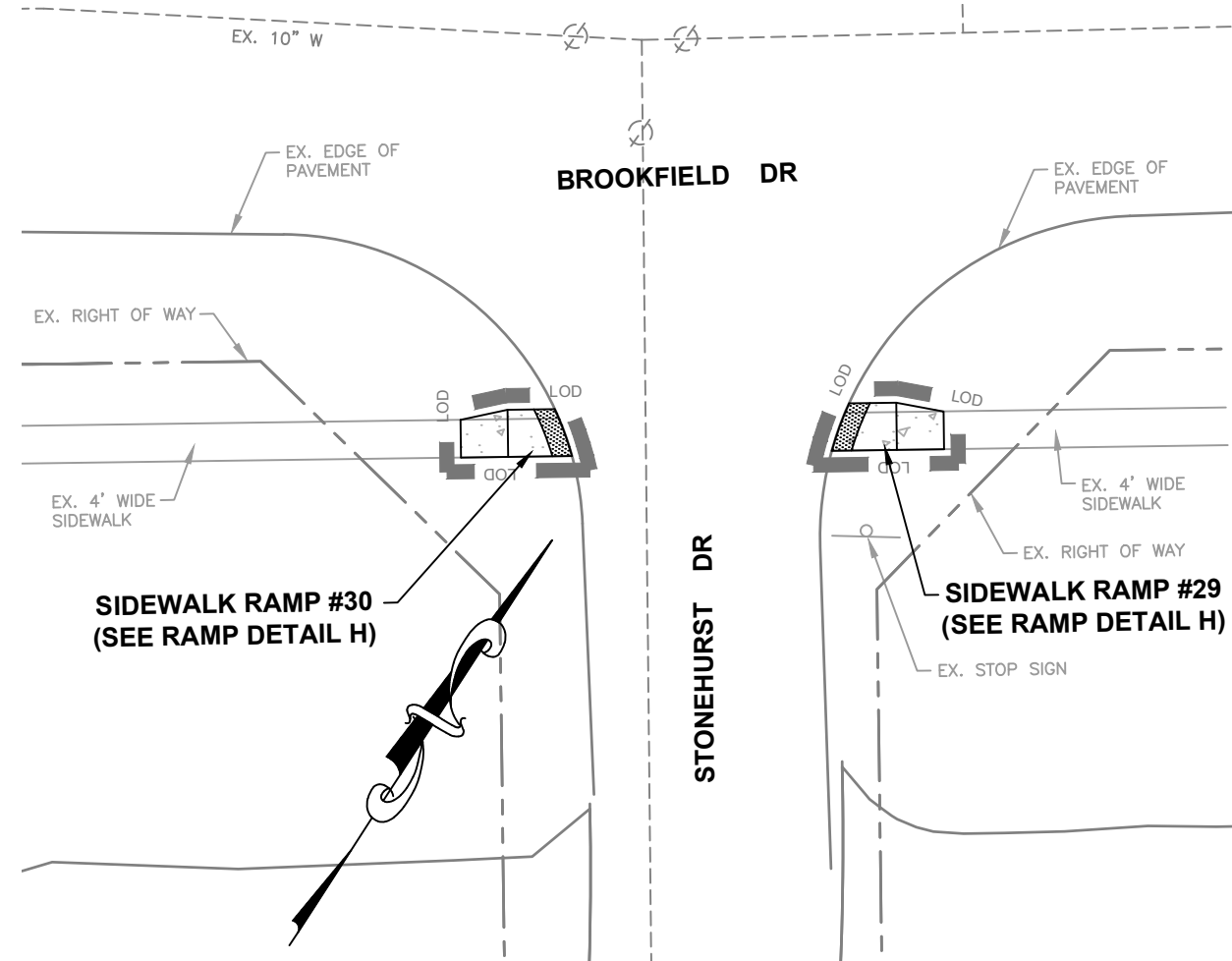


ADA RAMP # 25 & 26

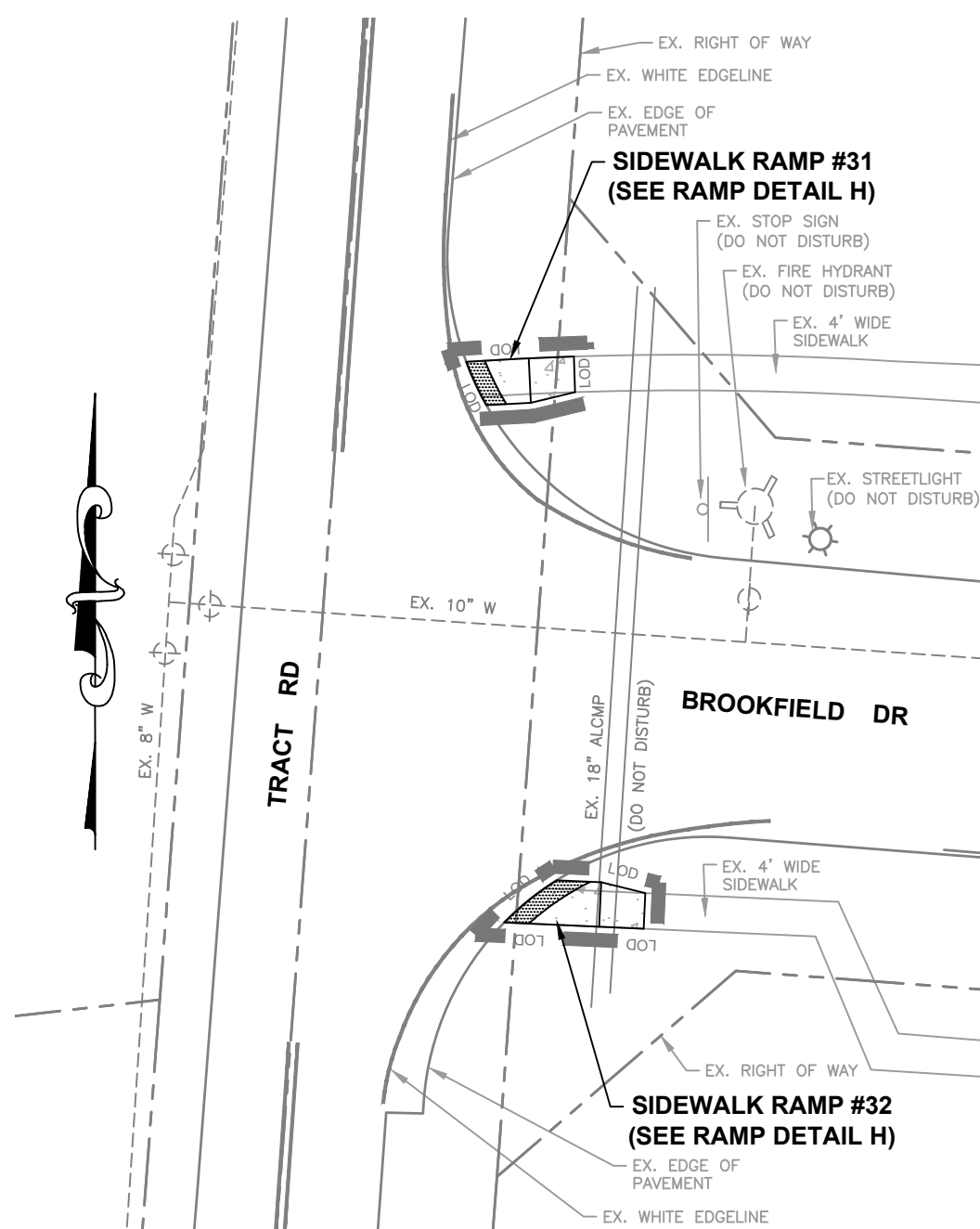
- PROPOSED ASPHALT PAVING
- PROPOSED CONCRETE SIDEWALK AND ADA RAMP
- REMOVE EXISTING CONCRETE CURB & GUTTER, RAMP AND SIDEWALK
- LIMITS OF DISTURBANCE



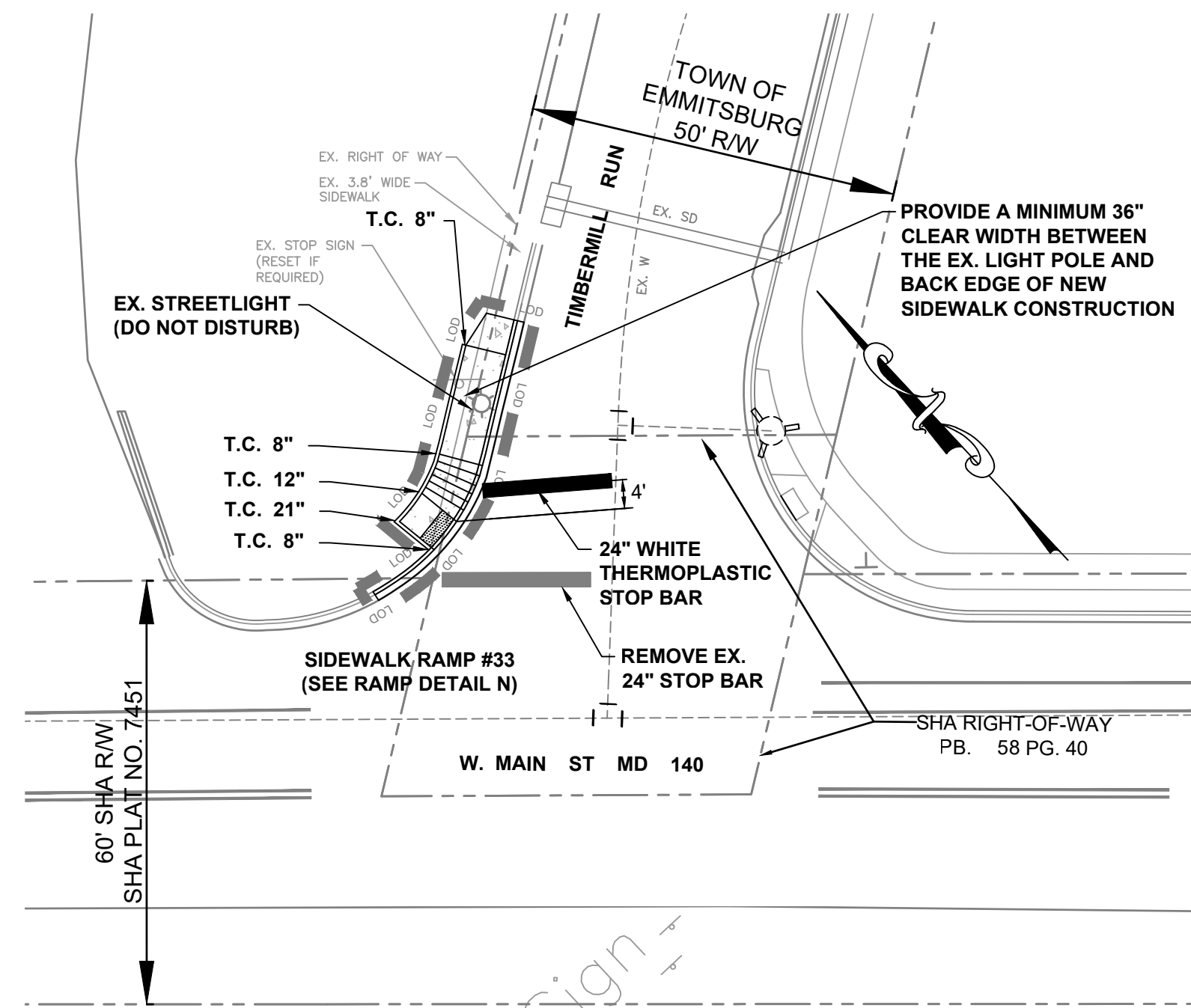
ADA RAMP # 27 & 28



ADA RAMP # 29 & 30



ADA RAMP # 31 & 32



ADA RAMP # 33

FOX & ASSOCIATES, INC.
ENGINEERS-SURVEYORS-PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD 21740
PHONE: (301) 733-9503
FAX: (301) 733-1653
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD 21701
PHONE: (301) 416-7280
FAX: (301) 293-6009
WWW.FOXASSOCIATESINC.COM EMAIL: FOX@FOXASSOCIATESINC.COM

DATE
REVISION
DRAWN BY

TOWN OF EMMITSBURG
SIDEWALK PLAN

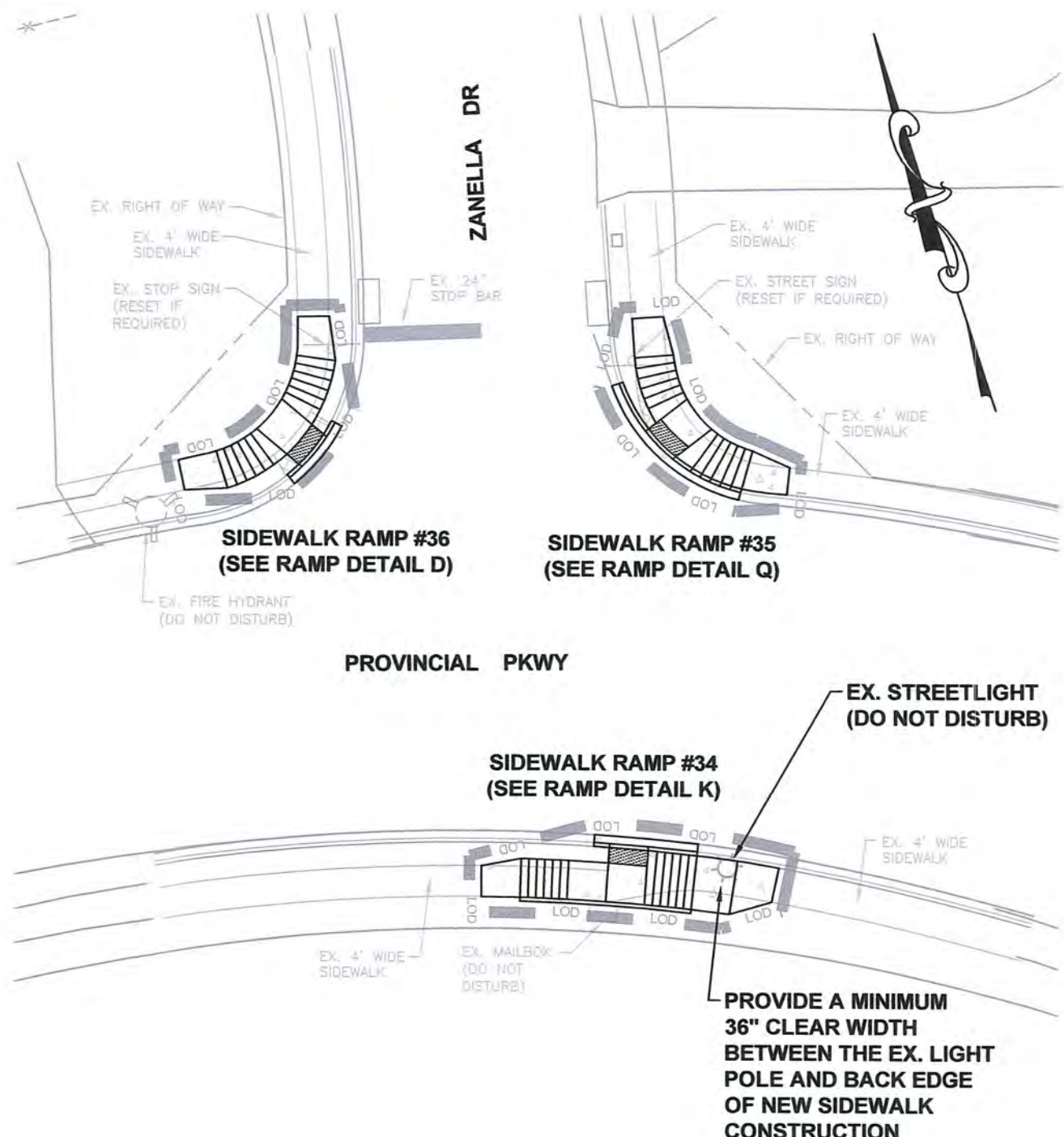
SITUATED IN THE TOWN OF EMMITSBURG
TOWN OF EMMITSBURG, ELECTION DISTRICT NO. 5
FREDERICK COUNTY, MARYLAND

SCALE: 1" = 20'
PROFESSIONAL CERTIFICATION

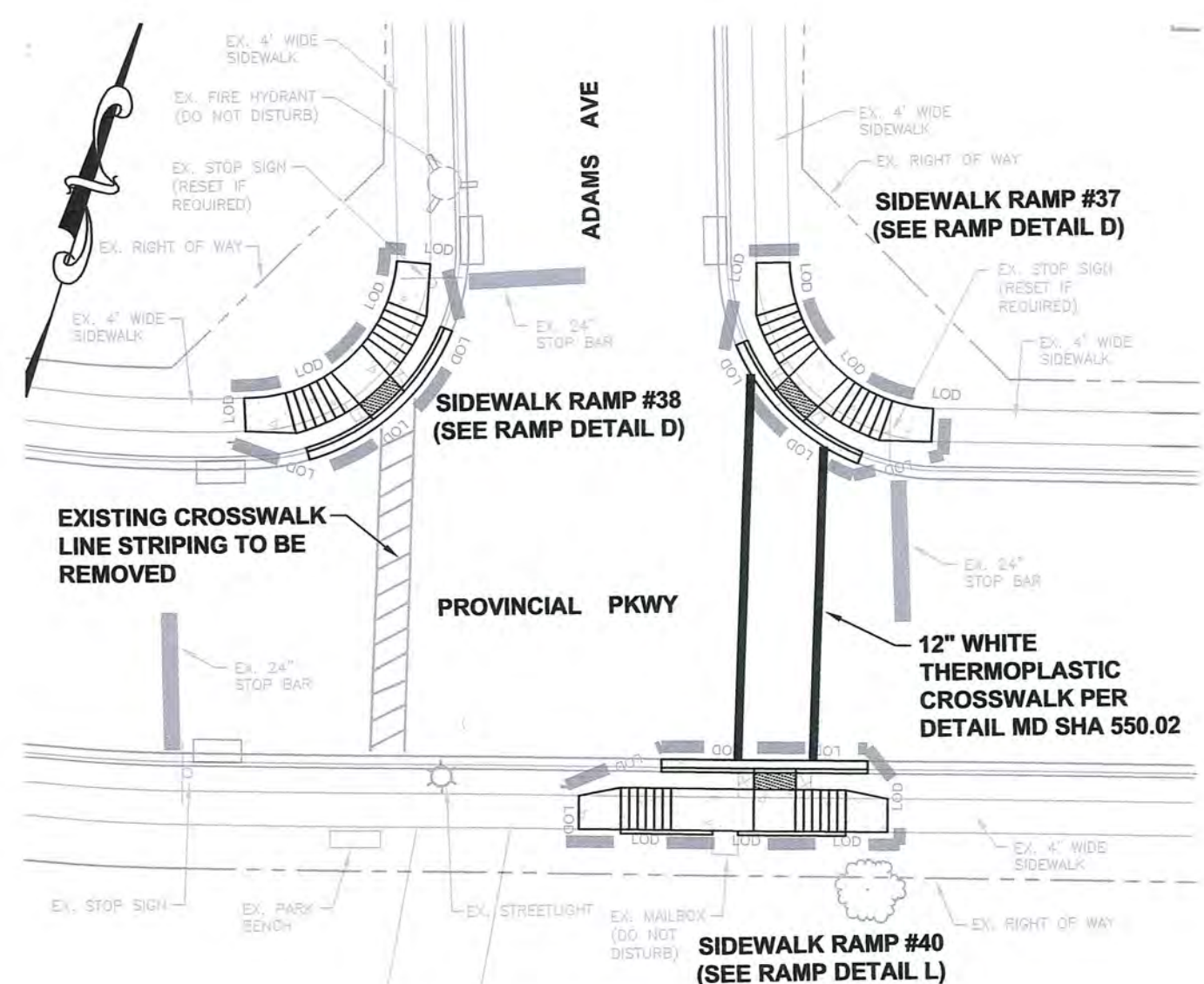


I HEREBY CERTIFY THAT THESE DOCUMENTS
WERE PREPARED OR APPROVED BY ME, AND THAT
I AM A DULY LICENSED PROFESSIONAL ENGINEER
UNDER THE LAWS OF THE STATE OF MARYLAND.

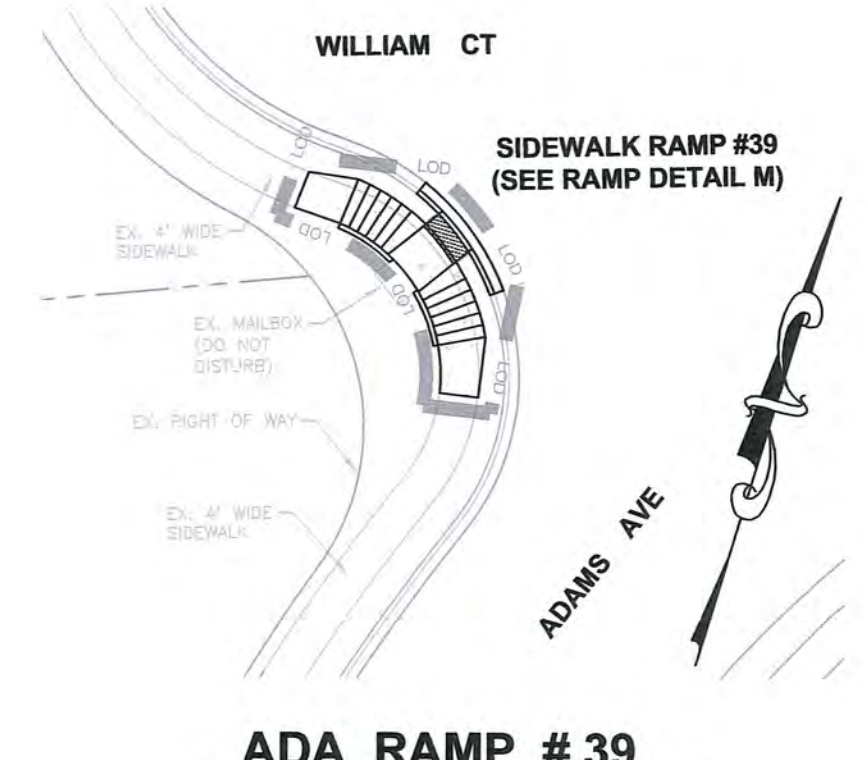
PROJECT NO. 20-31621
DRAWING NO. D-3504
DATE: SEPTEMBER 2020
DRAWN BY: JWE
CHECKED BY: JHC



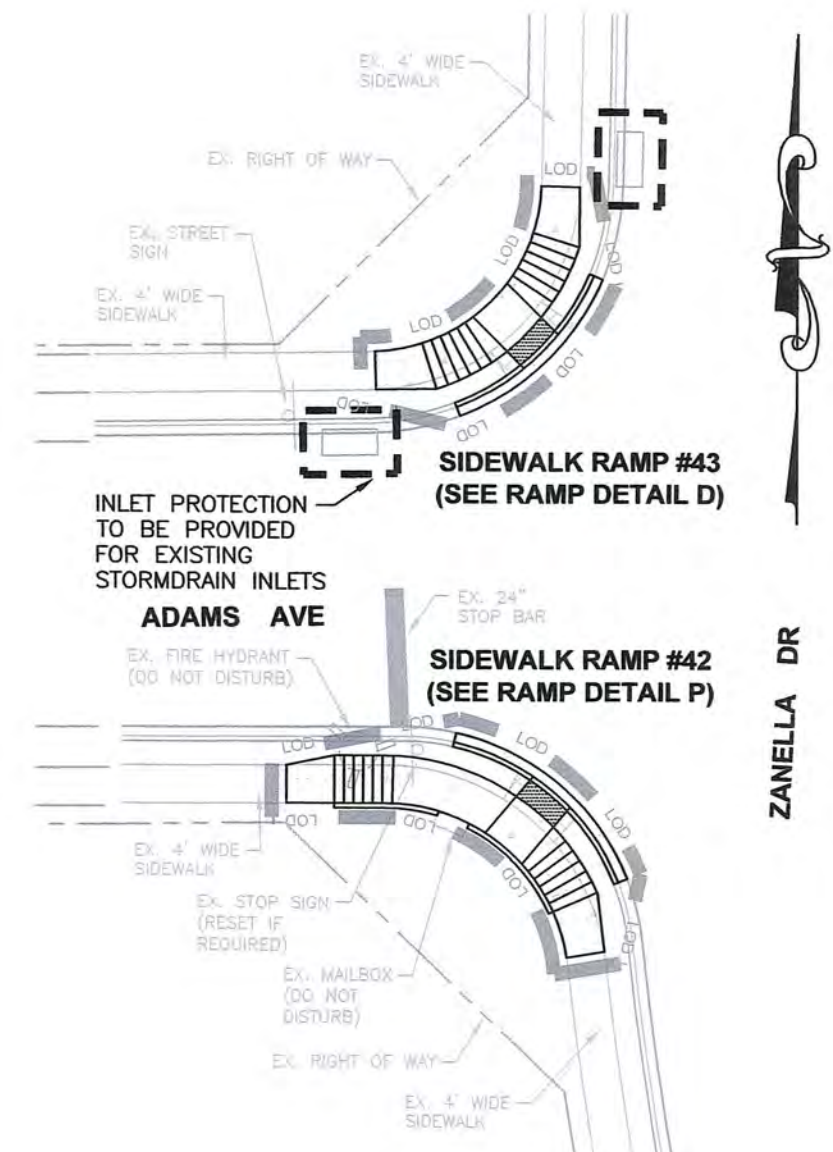
ADA RAMP # 34 - 36



ADA RAMP # 37, 38 & 40

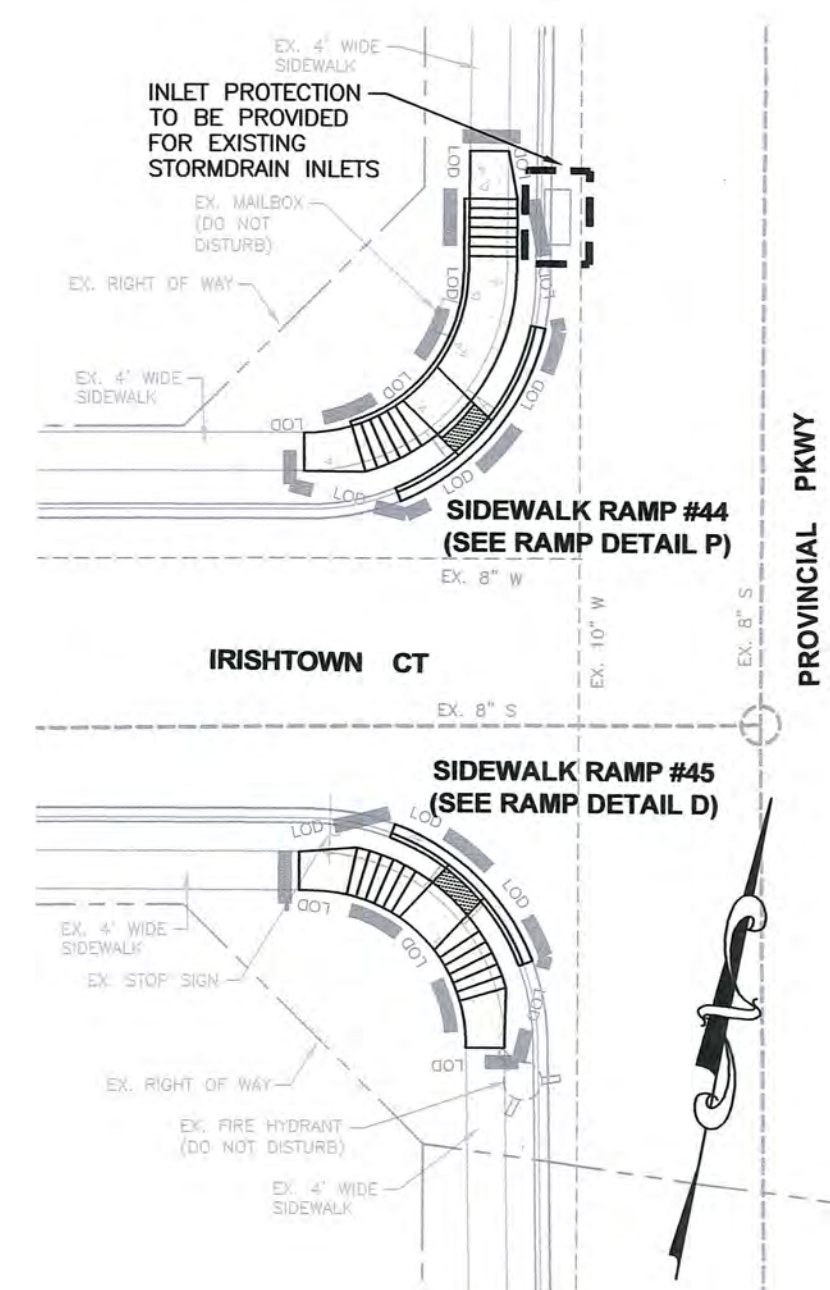


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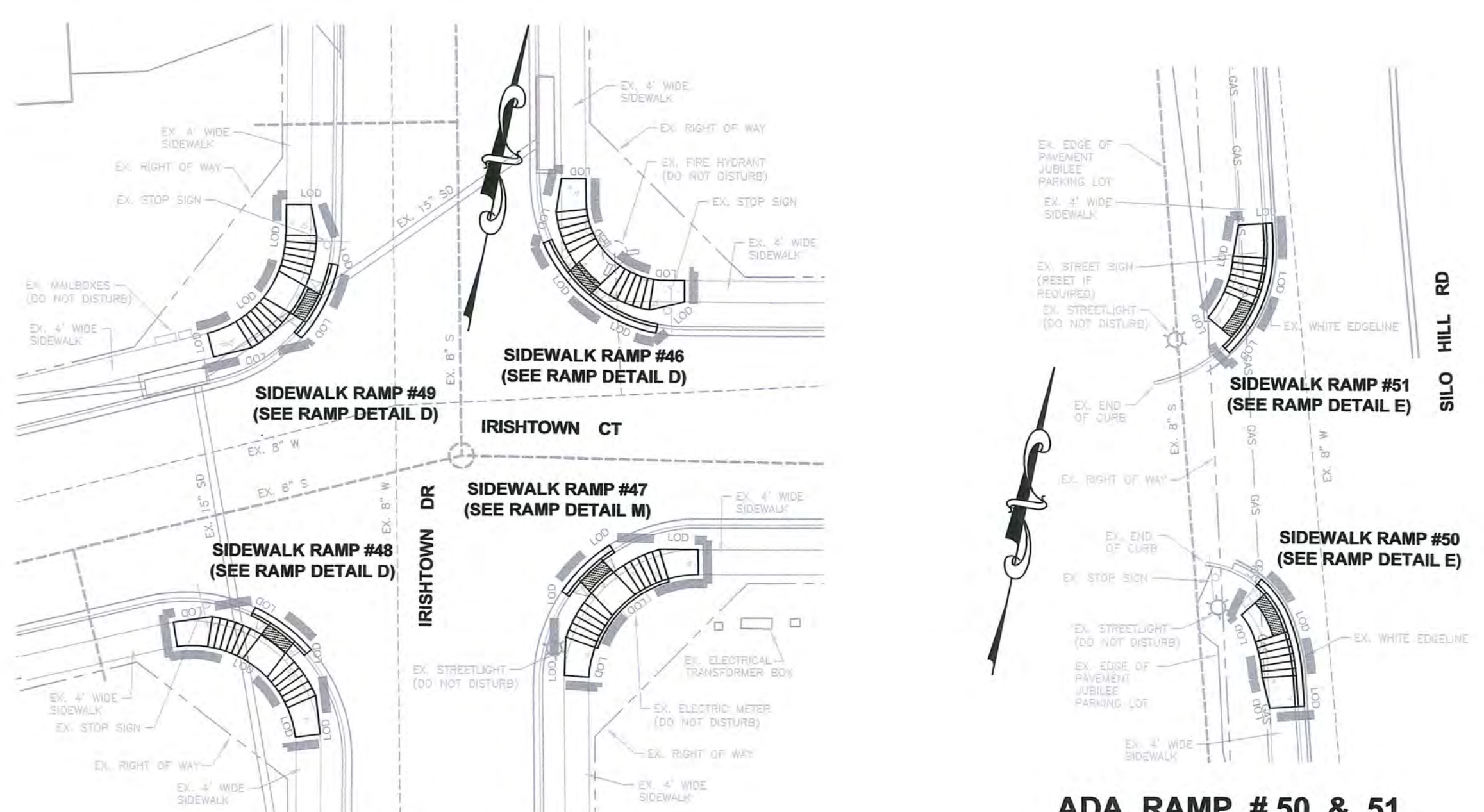


ADA RAMP # 42 & 43

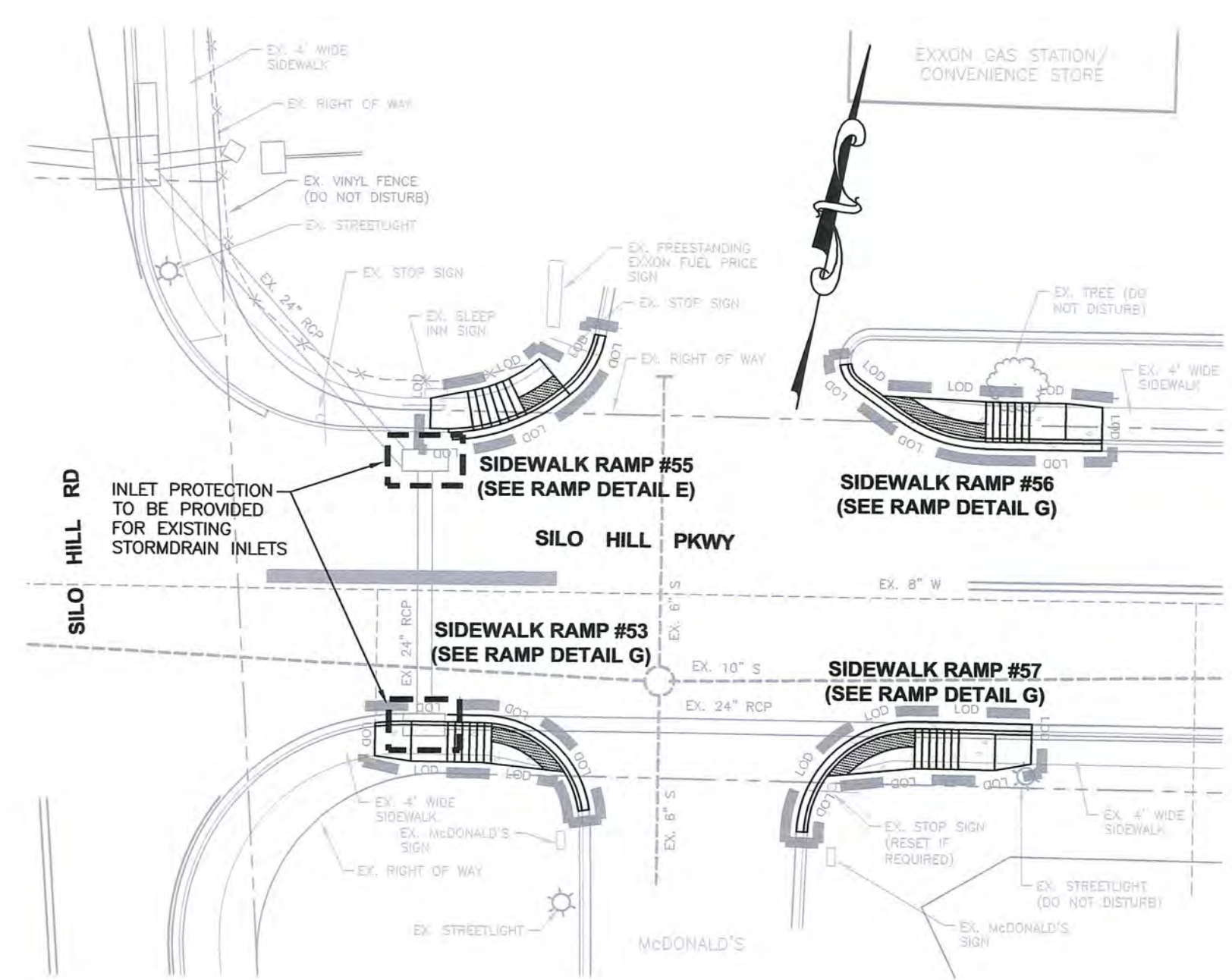
- PROPOSED ASPHALT PAVING
- PROPOSED CONCRETE SIDEWALK AND ADA RAMP
- REMOVE EXISTING CONCRETE CURB & GUTTER, RAMP AND SIDEWALK
- LIMITS OF DISTURBANCE



ADA RAMP # 44 & 45



ADA RAMP # 50 & 51



ADA RAMP # 53 & 55 - 57

OWNER/DEVELOPER:
THE TOWN OF EMMITSBURG
300A S. SETON AVE.
EMMITSBURG, MD 21727
301-600-6300

APPROVED BY:
TOWN OF EMMITSBURG
[Signature]
TOWN MAYOR
DATE: 2-16-21
[Signature]
PLANNING COMMISSION CHAIRMAN
DATE: 2-17-21

FOX & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS
881 MT. AETNA ROAD
HAGERSTOWN, MD 21740
PHONE: (301) 733-5603
or (301) 416-7250
FAX: (301) 733-1853
www.foxassociatesinc.com Email: fox@foxassociatesinc.com

DRAWN BY

REVISION

DATE

TOWN OF EMMITSBURG
SIDEWALK PLAN

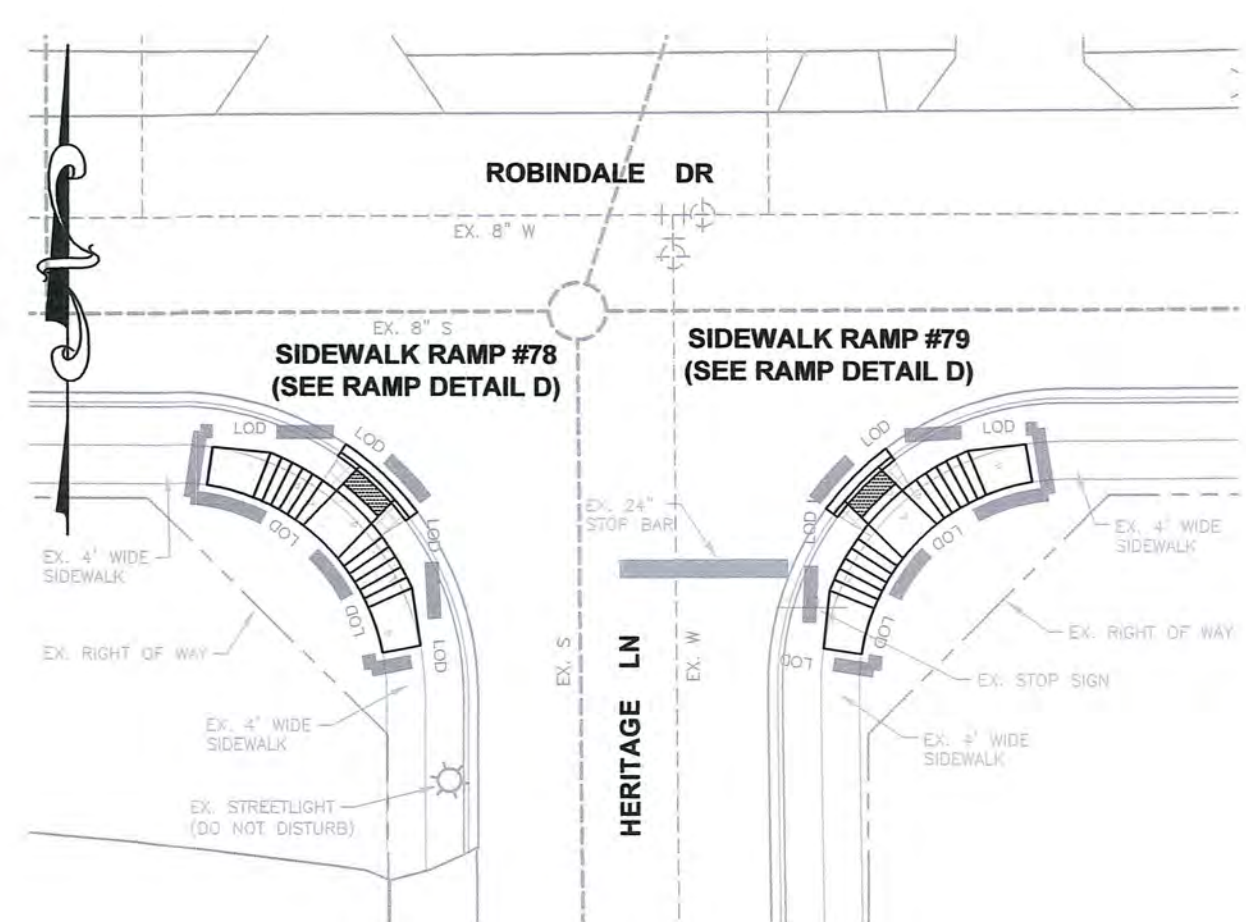
SITUATED IN THE TOWN OF EMMITSBURG
TOWN OF EMMITSBURG, ELECTION DISTRICT NO. 5
FREDERICK COUNTY, MARYLAND

SCALE: 1" = 20'
PROFESSIONAL CERTIFICATION

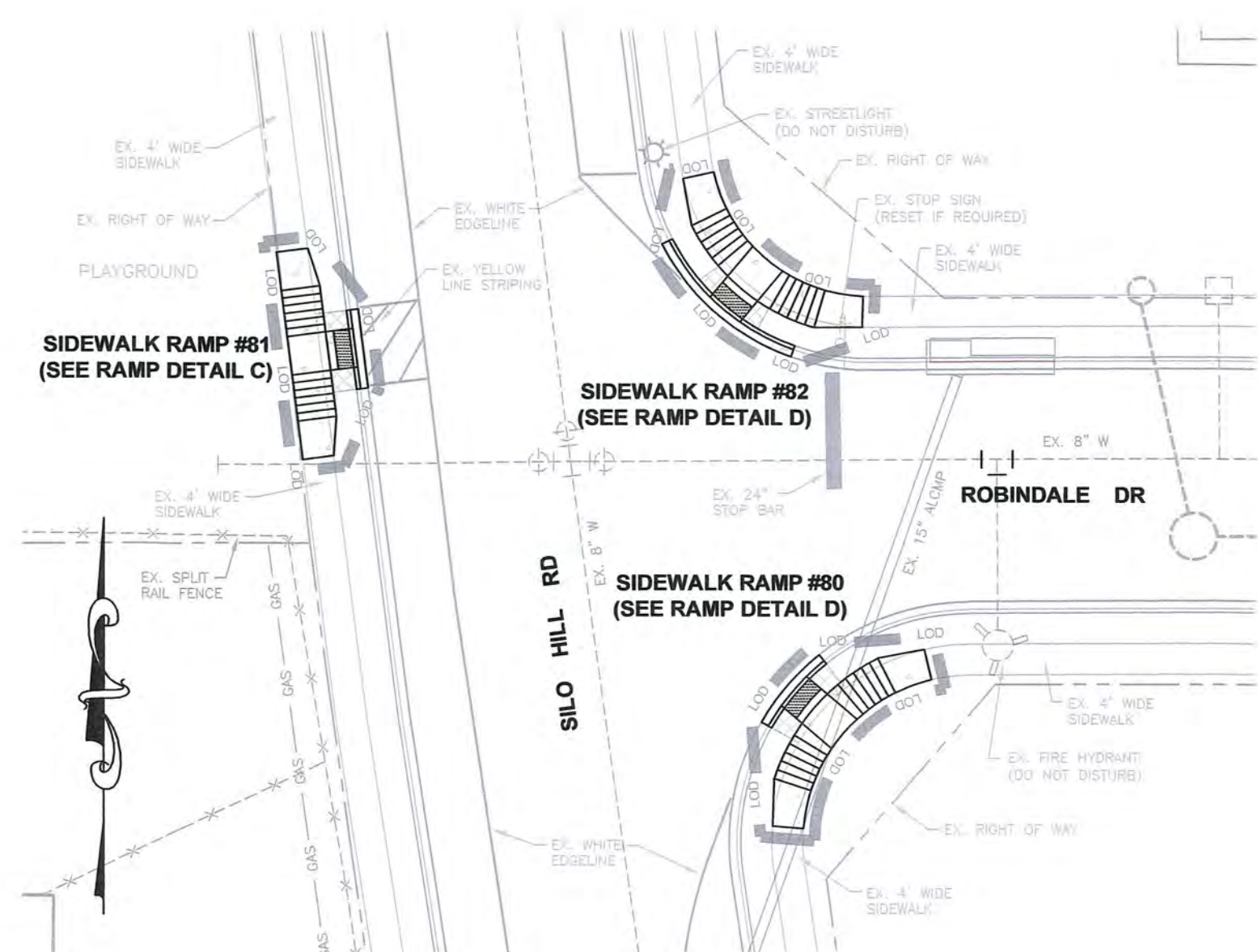


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I AM A DULY LICENSED PROFESSIONAL ENGINEER
UNDER THE LAWS OF THE STATE OF MARYLAND.

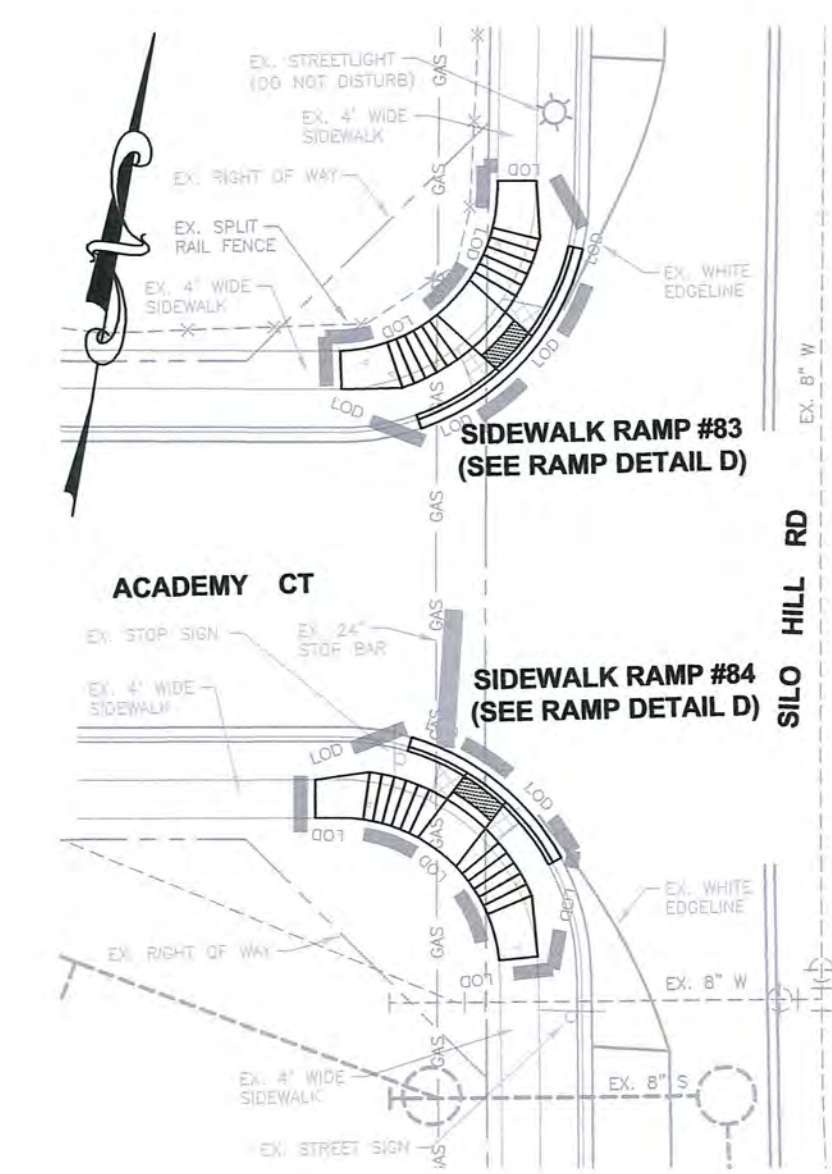
LICENSE No. 20109 EXP. DATE: 1/23/22
PROJECT NO. 20-31621
DRAWING NO. D-3504
DATE: SEPTEMBER 2020
DRAWN BY: JWE
CHECKED BY: JHC



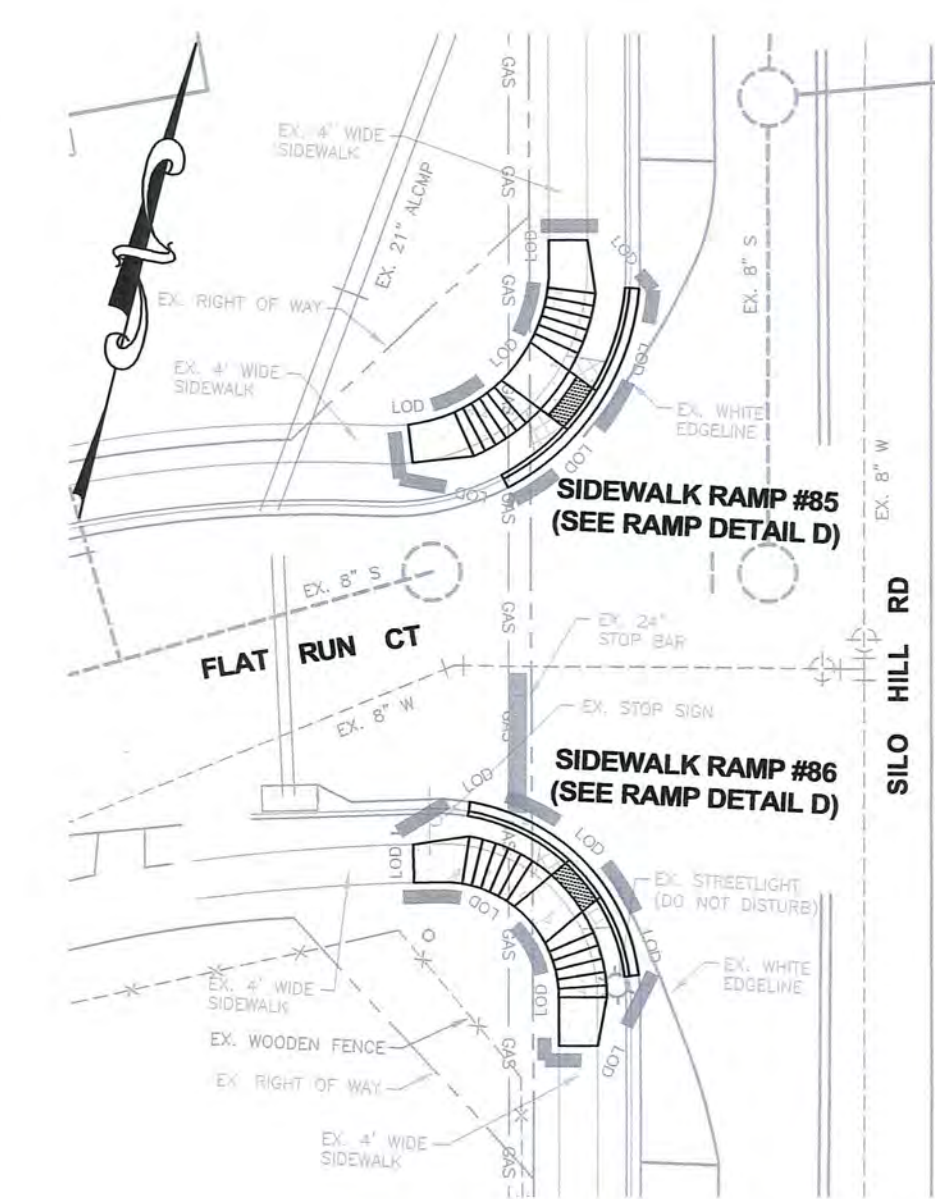
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ADA RAMP # 80 - 82

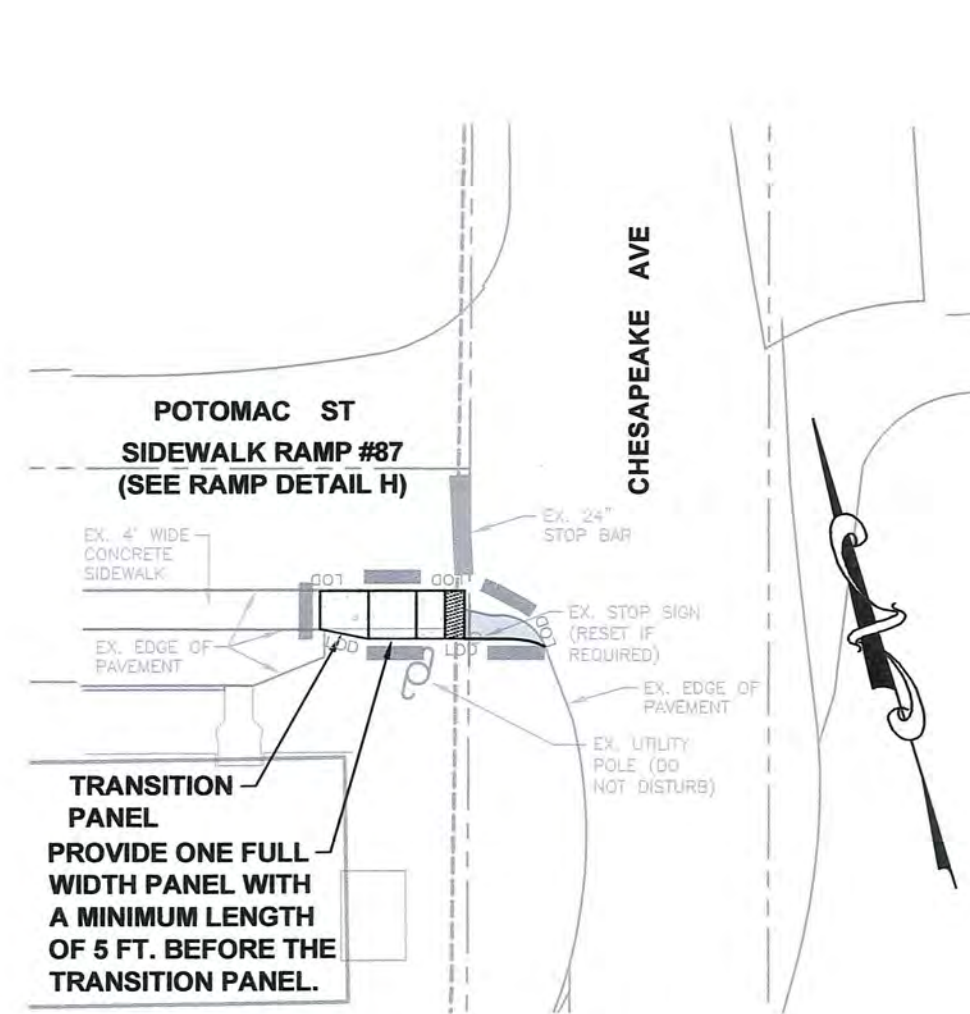


ADA RAMP # 83 & 84

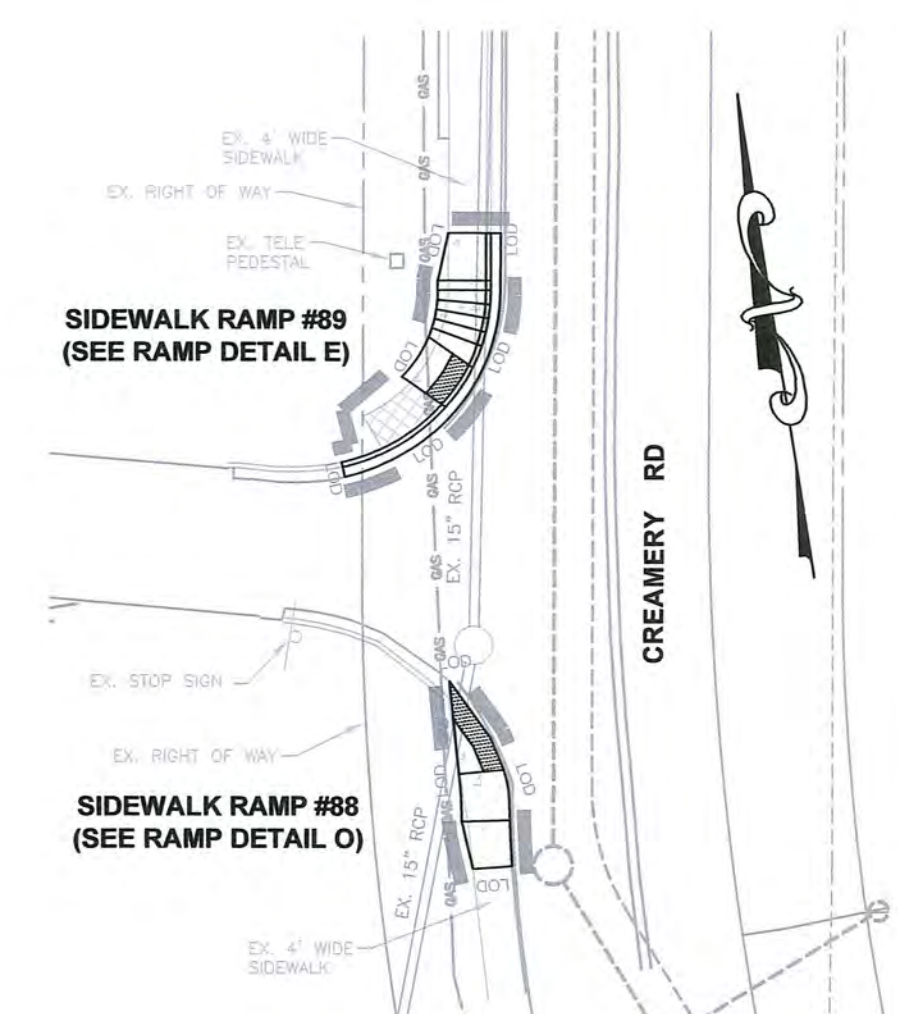


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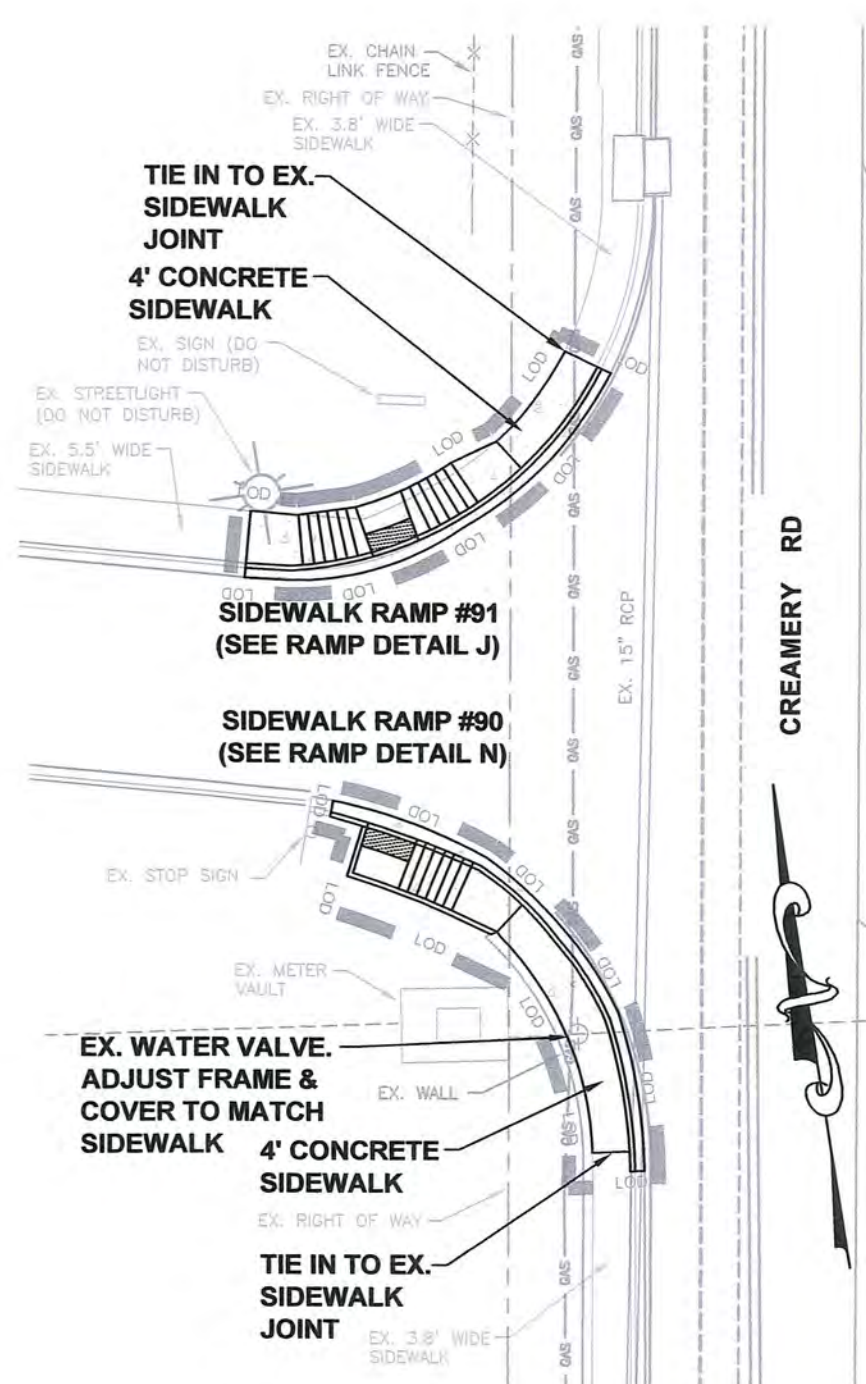
- PROPOSED ASPHALT PAVING
- PROPOSED CONCRETE SIDEWALK AND ADA RAMP
- REMOVE EXISTING CONCRETE CURB & GUTTER, RAMP AND SIDEWALK
- LIMITS OF DISTURBANCE



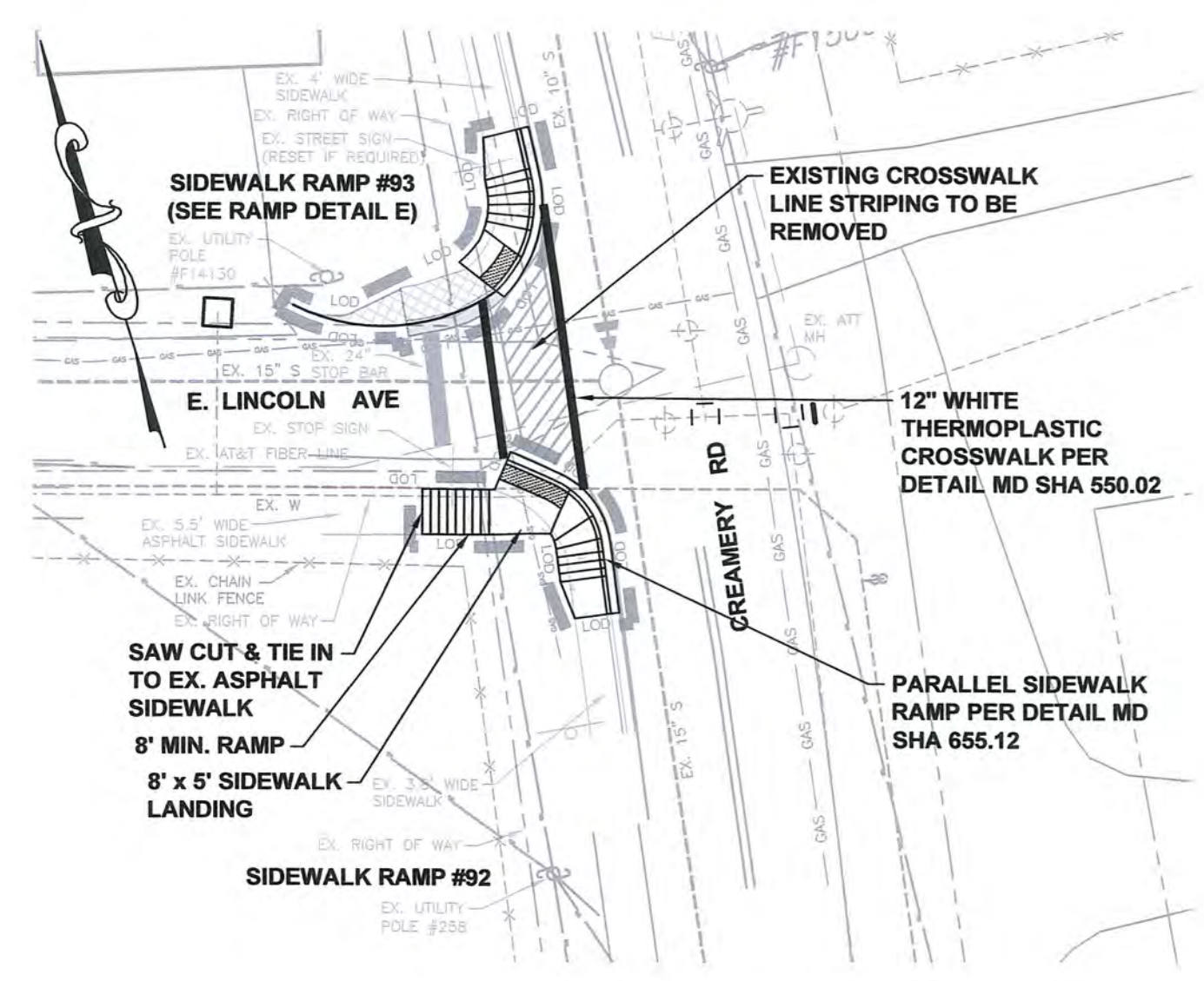
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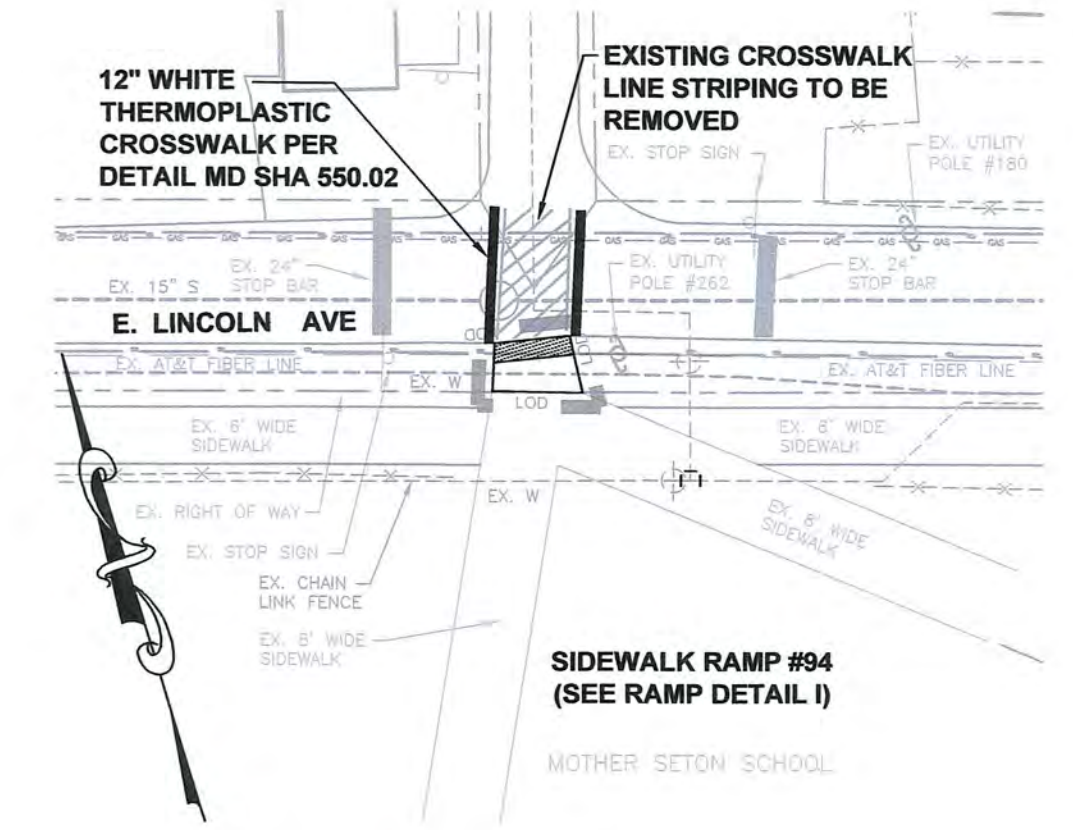
ADA RAMP # 88 & 89



ADA RAMP # 90 & 91



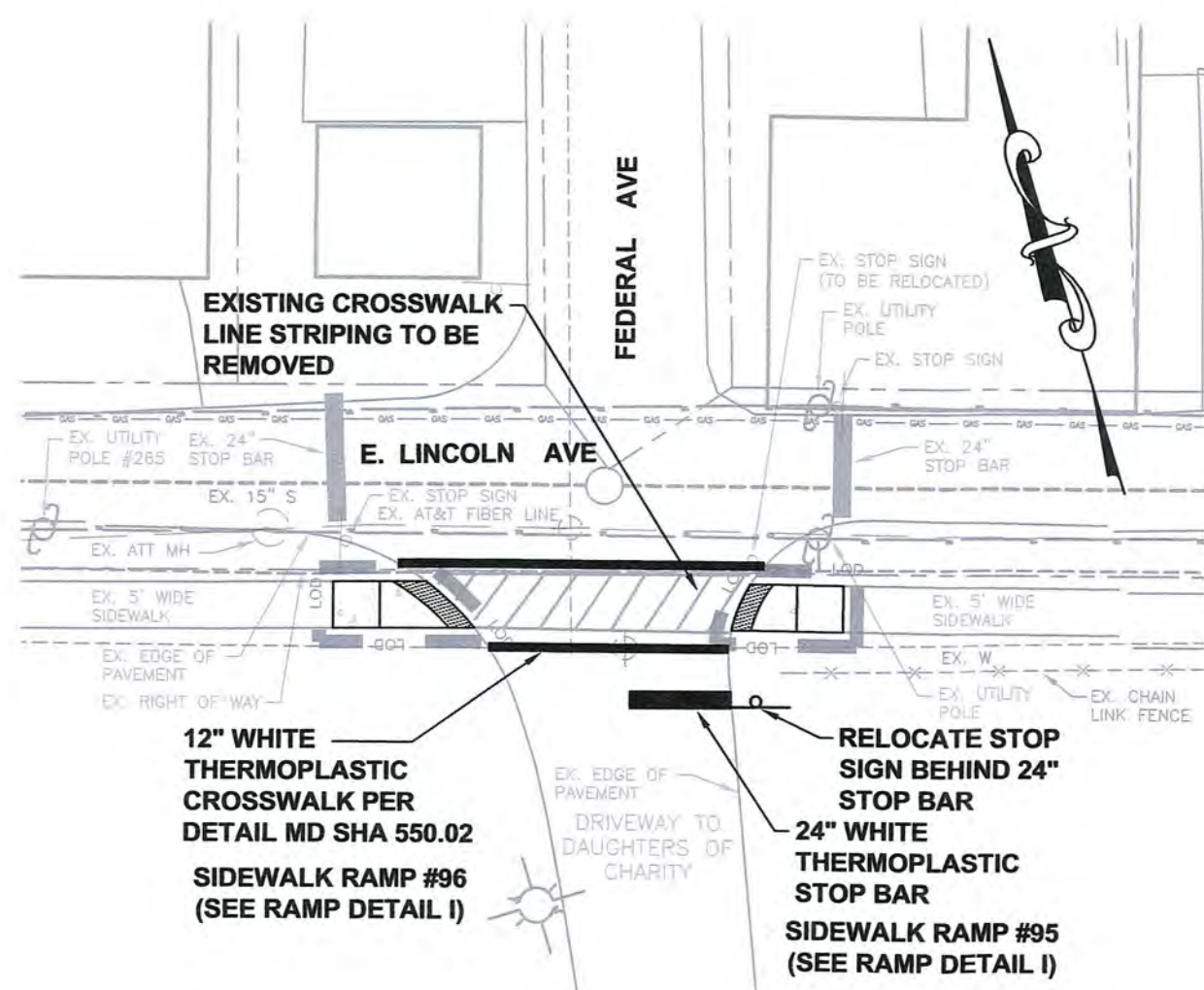
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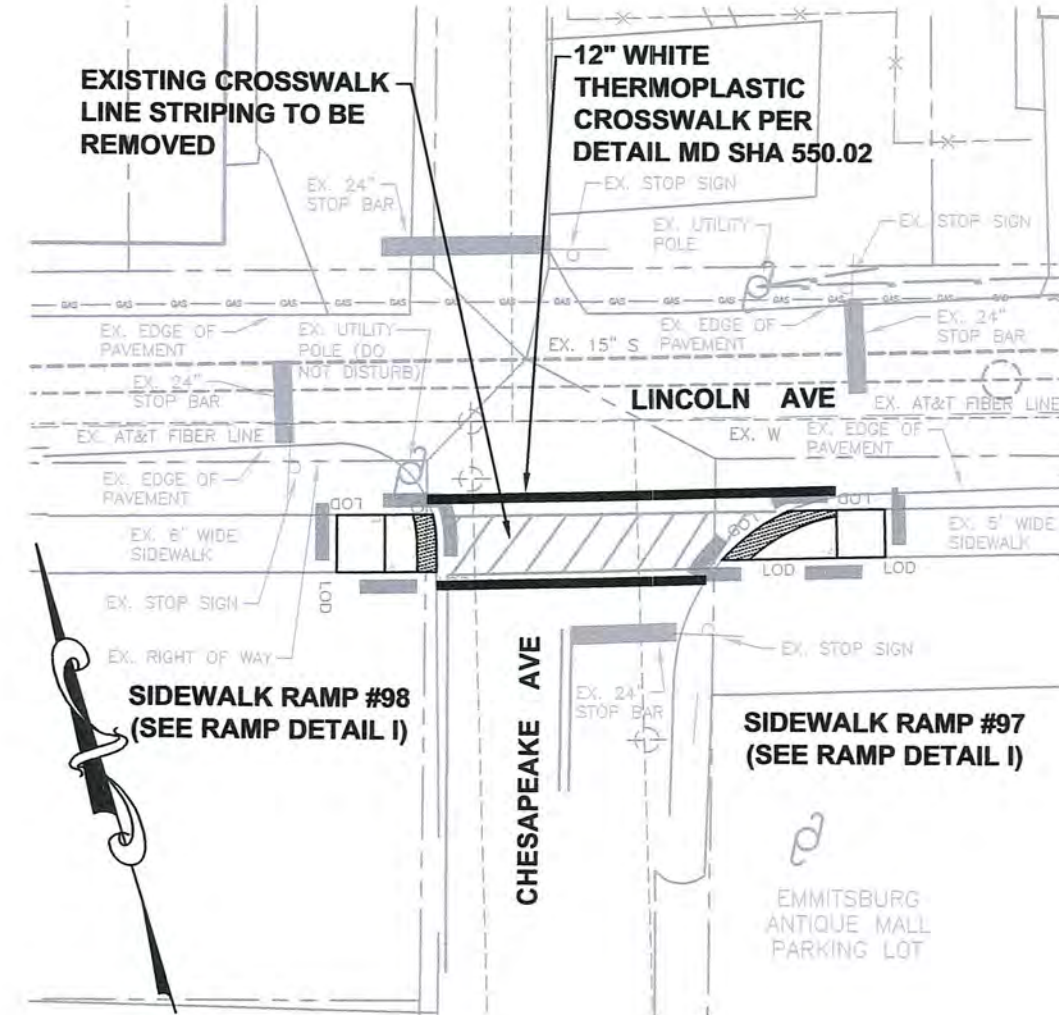
ADA RAMP # 94

OWNER/DEVELOPER:
THE TOWN OF EMMITSBURG
300A S. SETON AVE.
EMMITSBURG, MD 21727
301-600-6300

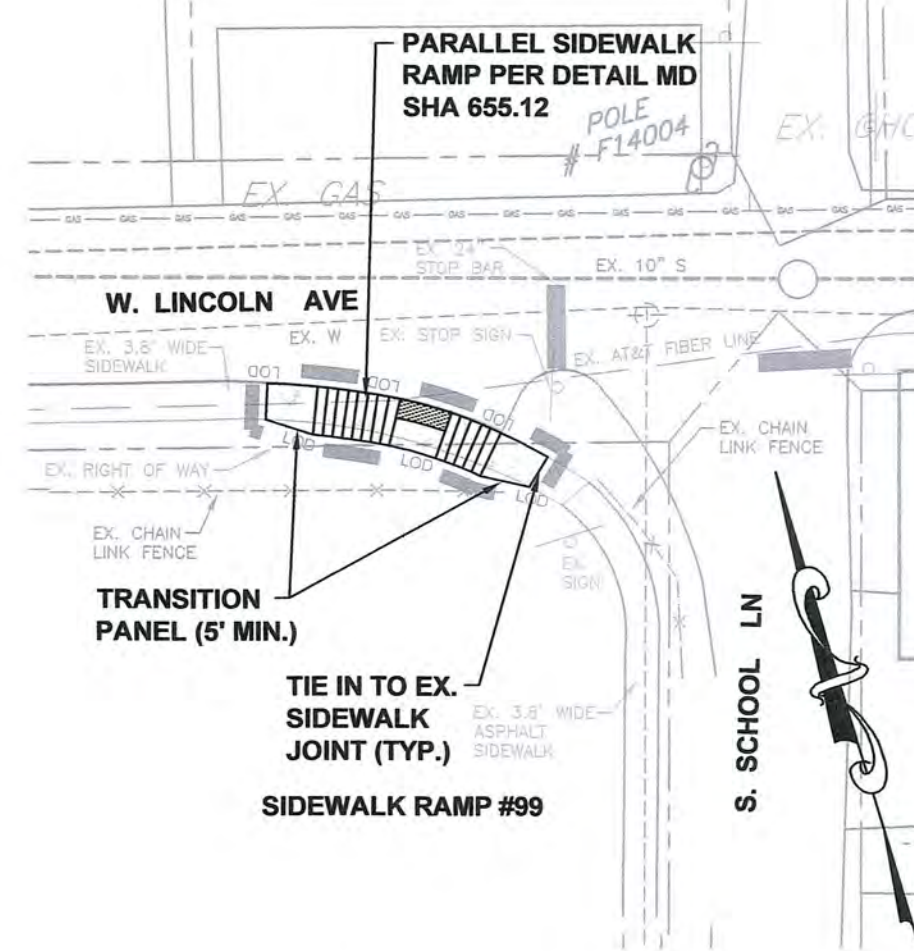
APPROVED BY:
TOWN OF EMMITSBURG
[Signature]
TOWN MAYOR
[Signature]
PLANNING COMMISSION CHAIRMAN



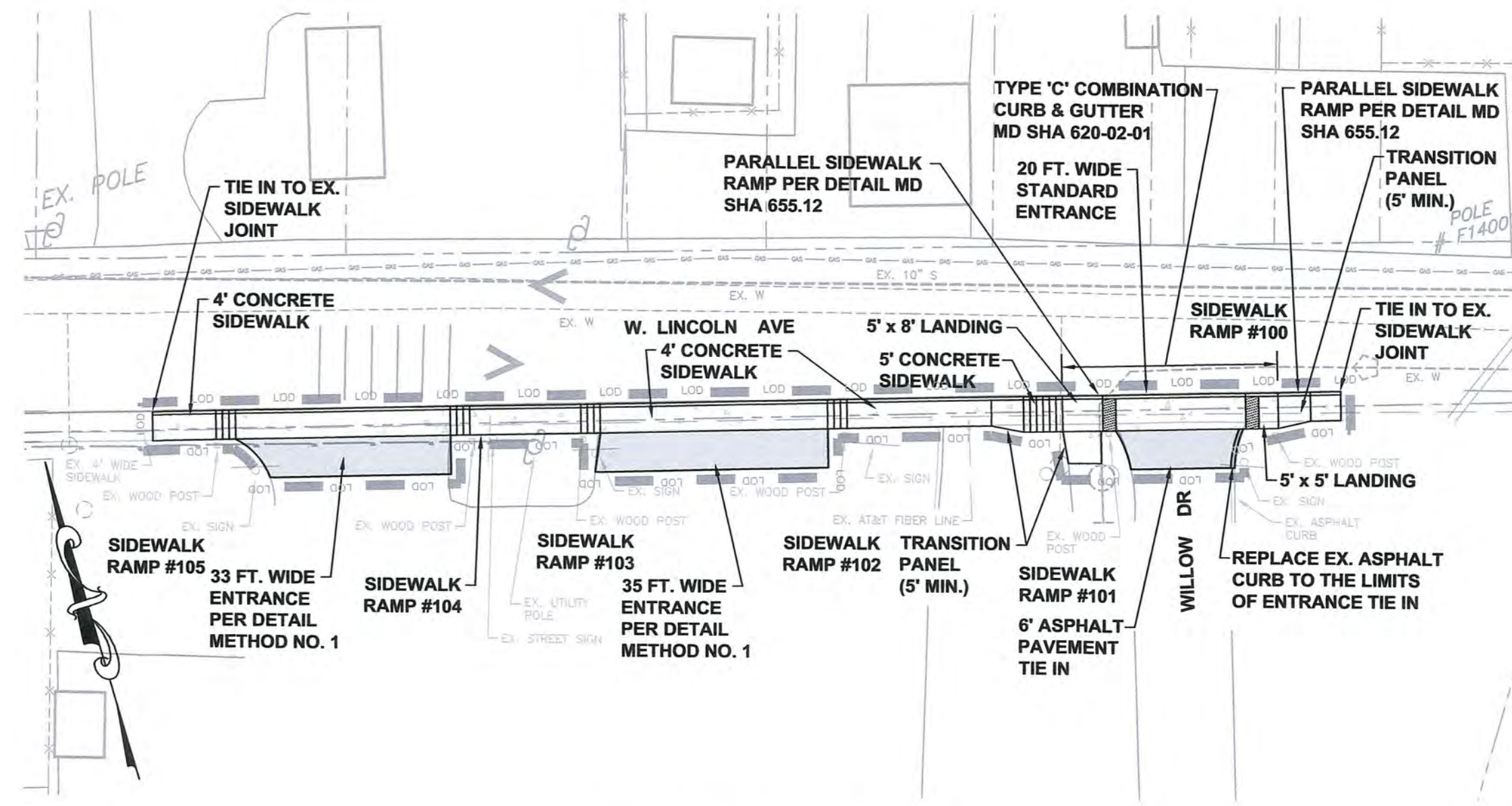
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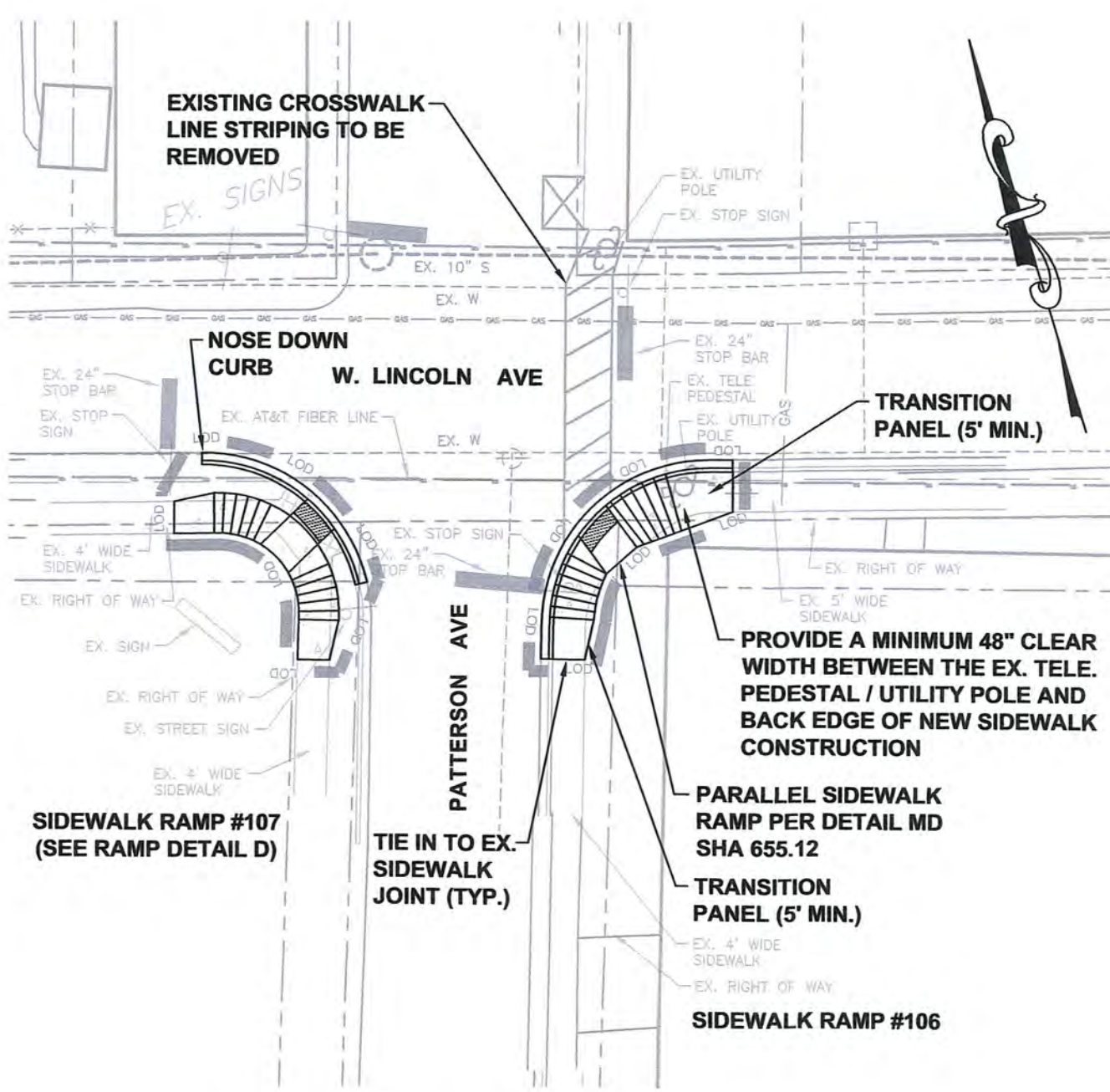
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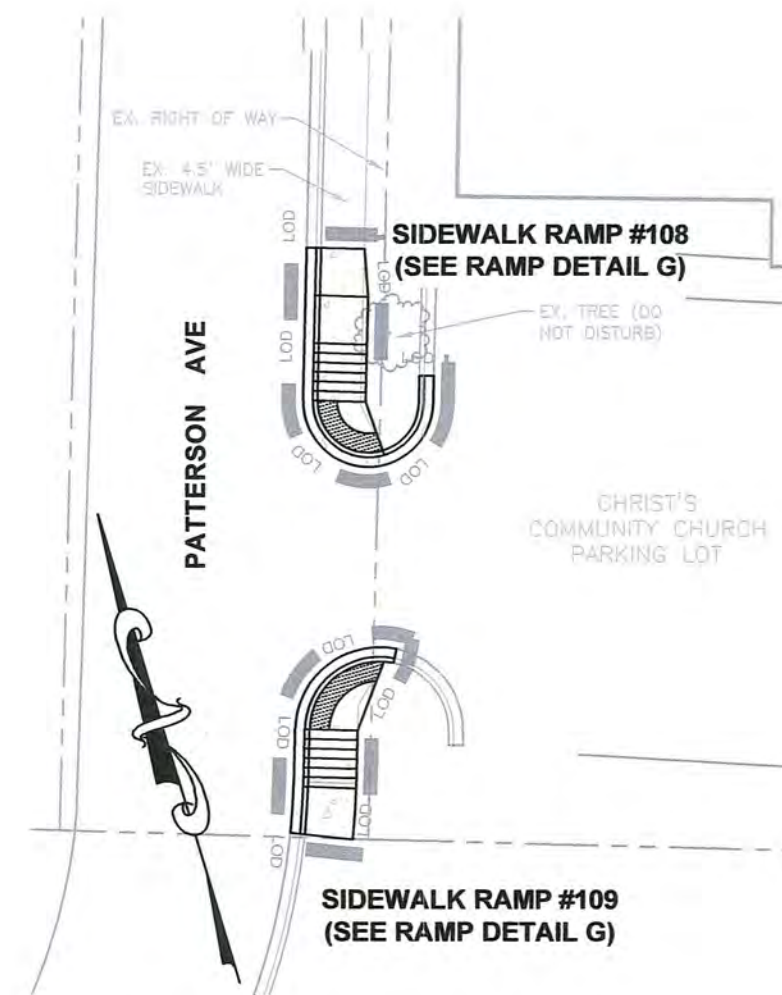
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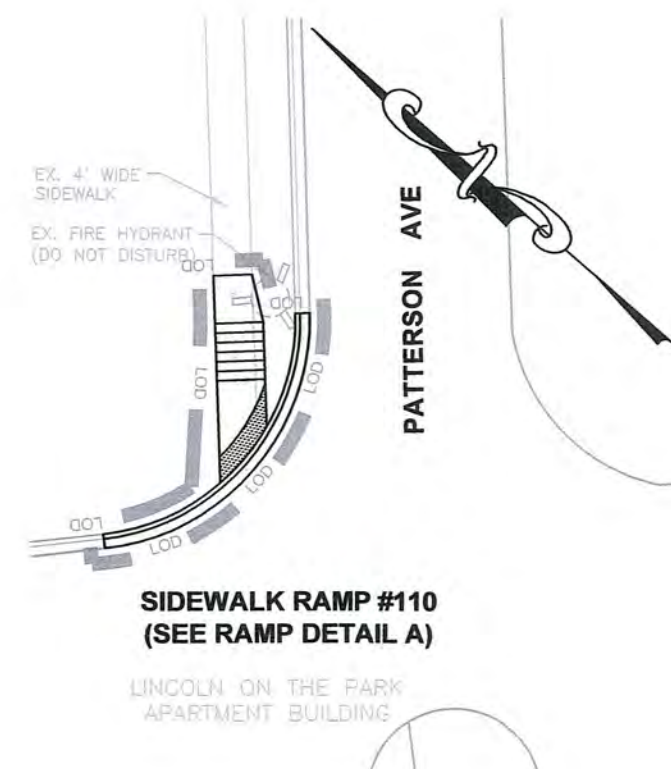
ADA RAMP #100 - 105



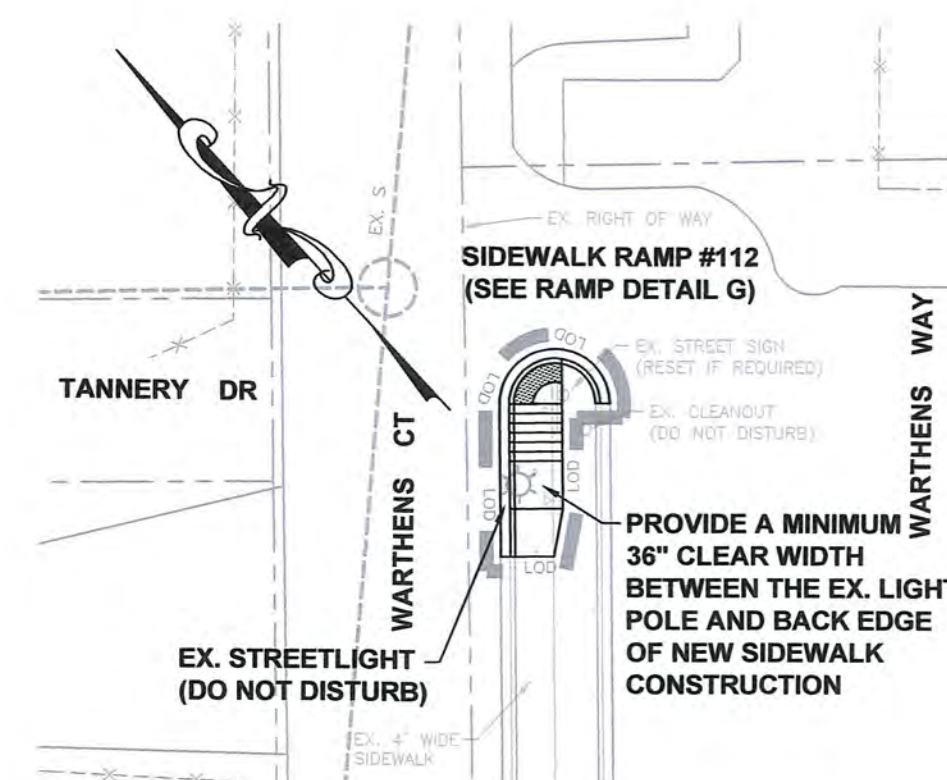
ADA RAMP #106 & 107



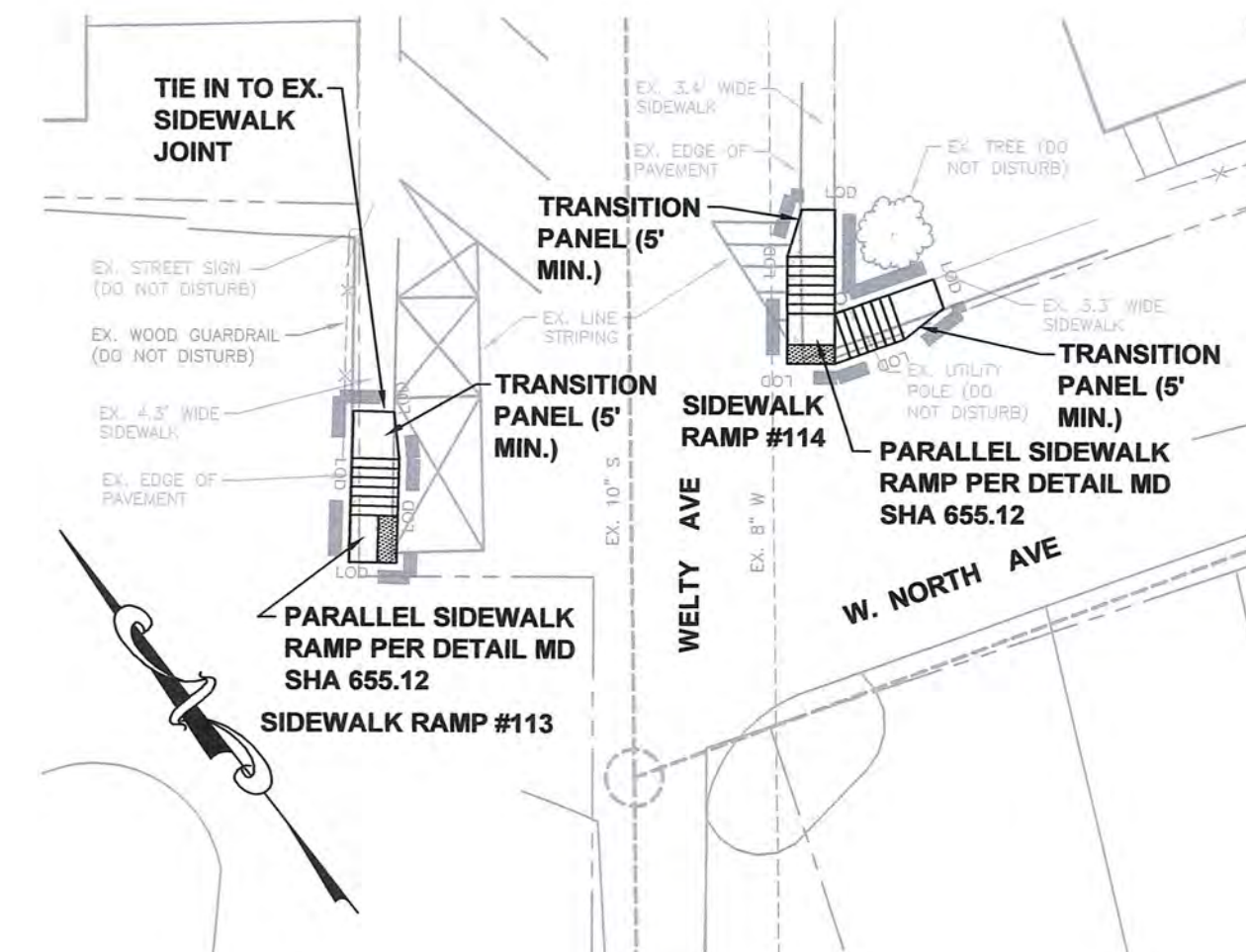
ADA RAMP #108 & 109



ADA RAMP #110



ADA RAMP #112



ADA RAMP #113 & 114

OWNER/DEVELOPER:
THE TOWN OF EMMITTSBURG
300A S. SETON AVE.
EMMITTSBURG, MD 21727
301-600-6300

APPROVED BY:
TOWN OF EMMITTSBURG

DATE: 2-16-21

DATE: 2-17-21

PLANNING COMMISSION CHAIR

FOX & ASSOCIATES, INC.

ENGINEERS • SURVEYORS • PLANNERS

82 WORMANS MILL COURT
SUITE 200, MD. 21701
HAGERSTOWN, MD 21740
PHONE: (301) 733-8603
OR (301) 416-7265
FAX: (301) 733-1853
WWW.FOXASSOCIATESINC.COM E-MAIL: FOX@FOXASSOCIATESINC.COM

SIDEWALK PLAN
TOWN OF EMMITTSBURG

SITUATED IN THE TOWN OF EMMITTSBURG
TOWN OF EMMITTSBURG, ELECTION DISTRICT NO. 5
FREDERICK COUNTY, MARYLAND

SCALE: 1" = 20'

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.

LICENSE NO.: 20109 EXP. DATE: 7/23/22

PROJECT NO.: 20-31621
DRAWING NO.: D-3504
DATE: SEPTEMBER 2020
DRAWN BY: JWE
CHECKED BY: JHC

TOWN OF EMMITSBURG
SIDEWALK PLAN

SITUATED IN THE TOWN OF EMMITSBURG
TOWN OF EMMITSBURG, ELECTION DISTRICT NO. 5
FREDERICK COUNTY, MARYLAND

SCALE: 1" = 20'

PROFESSIONAL CERTIFICATION

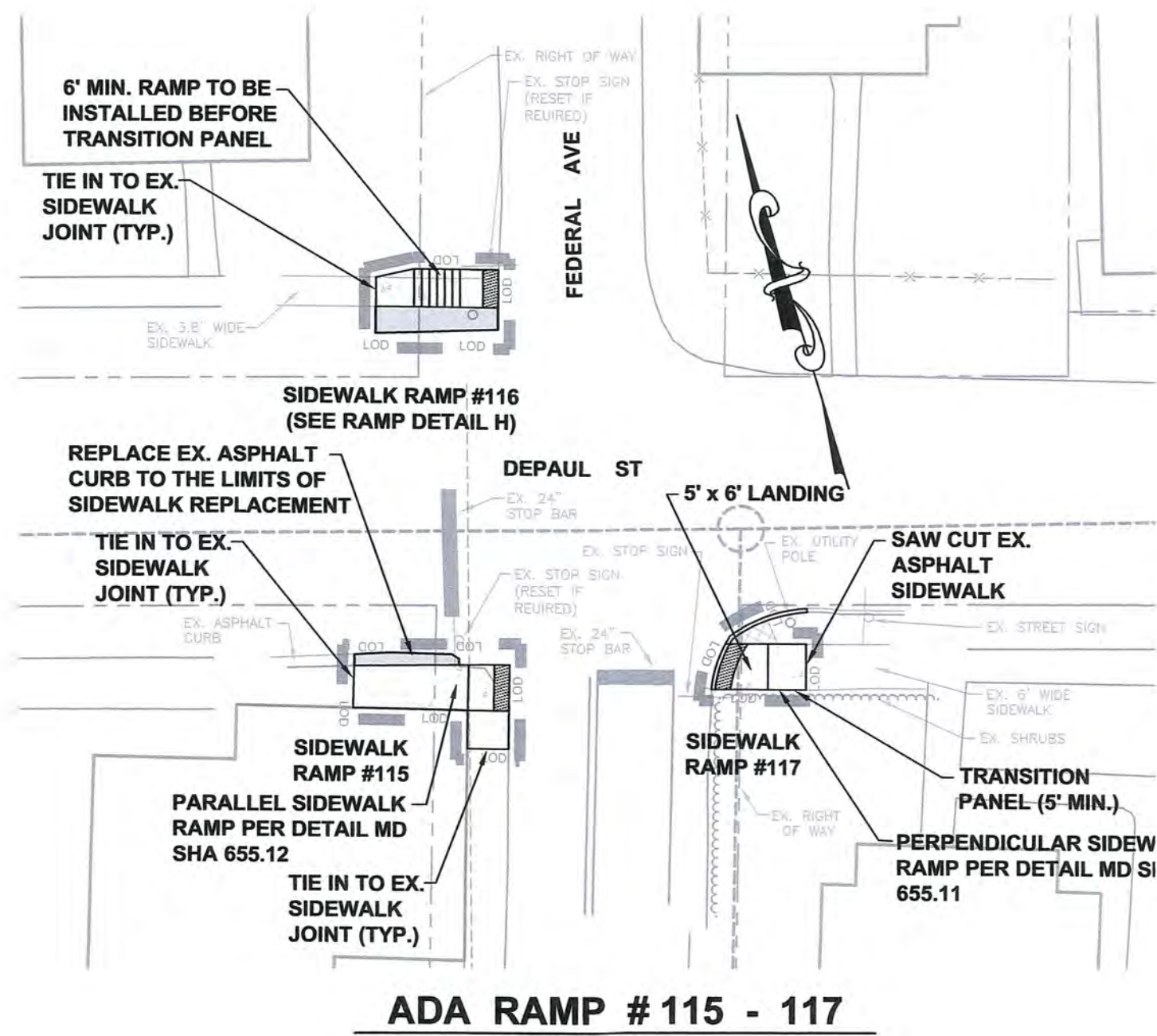


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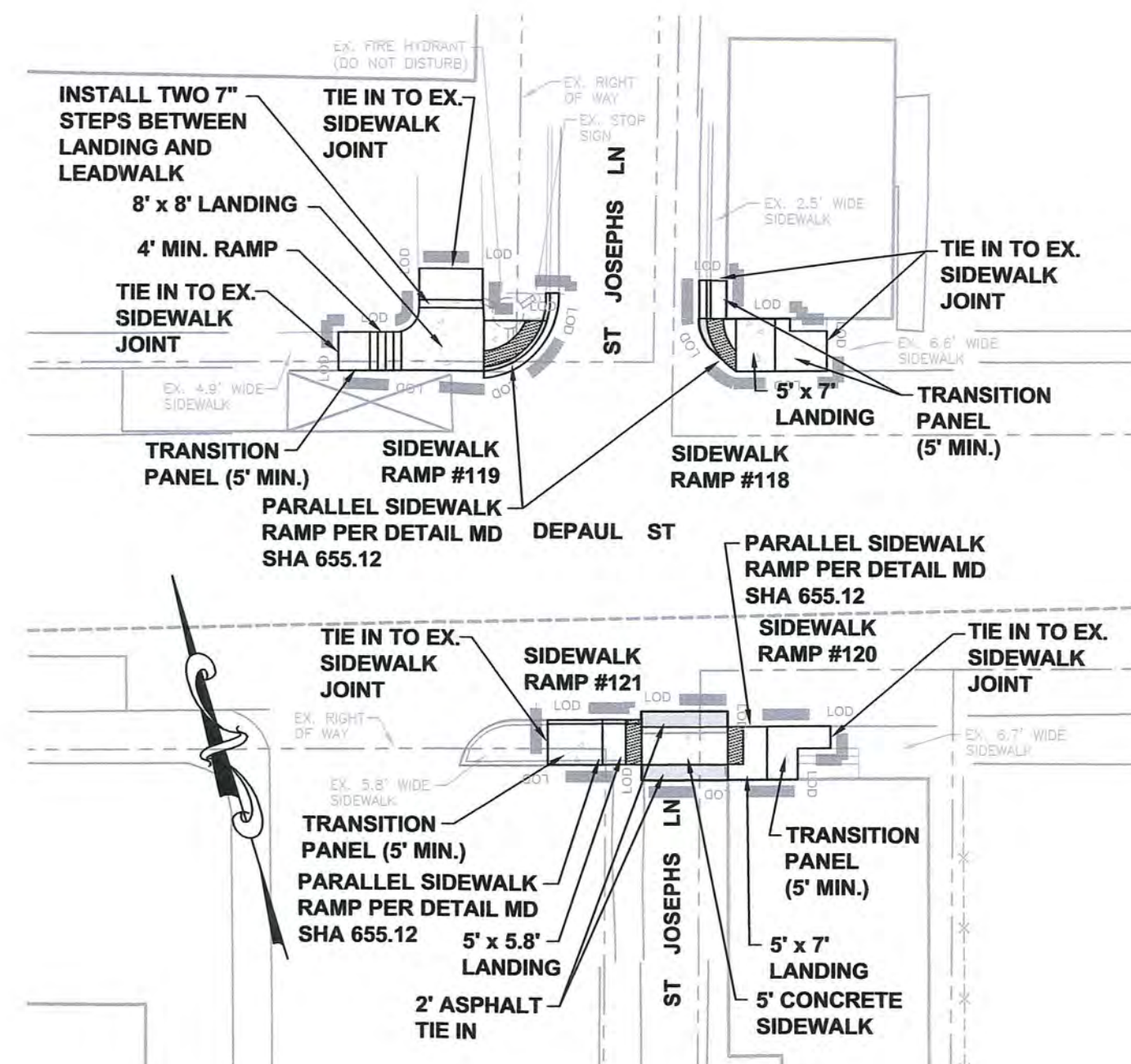
LICENSE NO.: 207109 EXP. DATE: 7/23/22

PROJECT NO. 20-31621
DRAWING NO. D - 3504
DATE: SEPTEMBER 2020
DRAWN BY: JWE
CHECKED BY: JHC

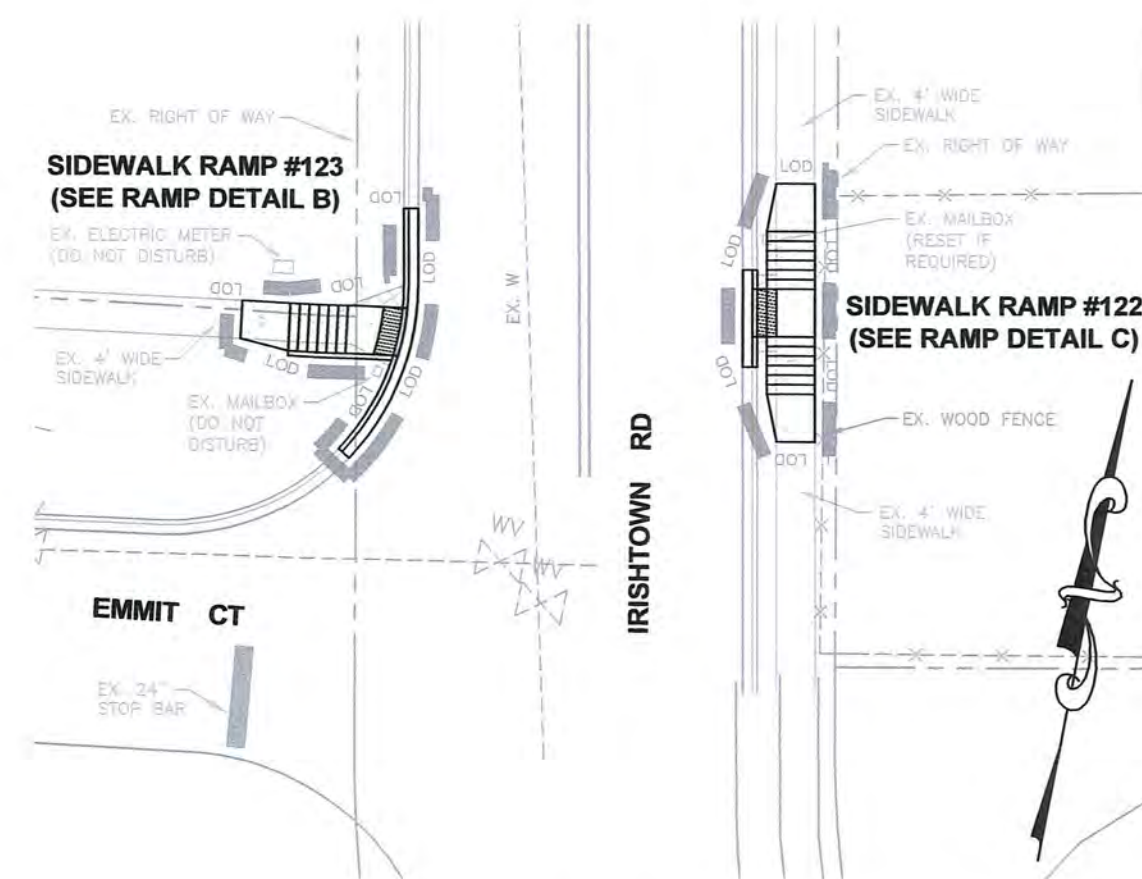
SHEET 9 OF 15



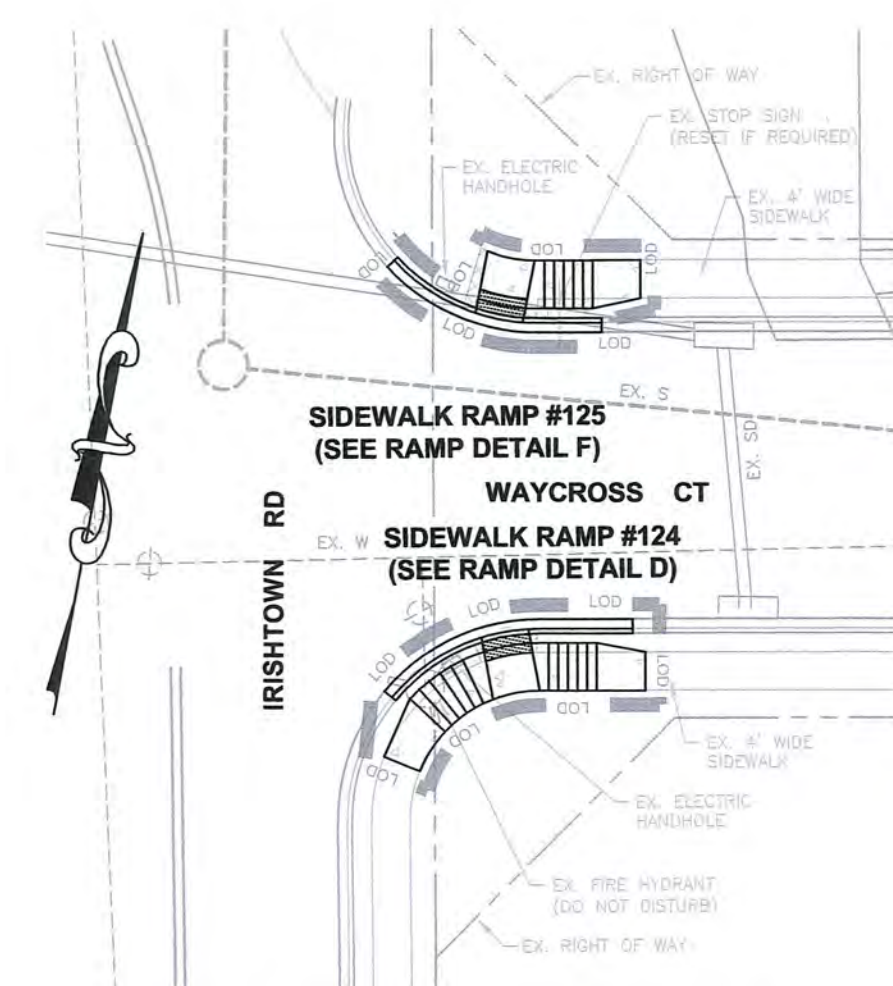
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ADA RAMP # 118 - 121

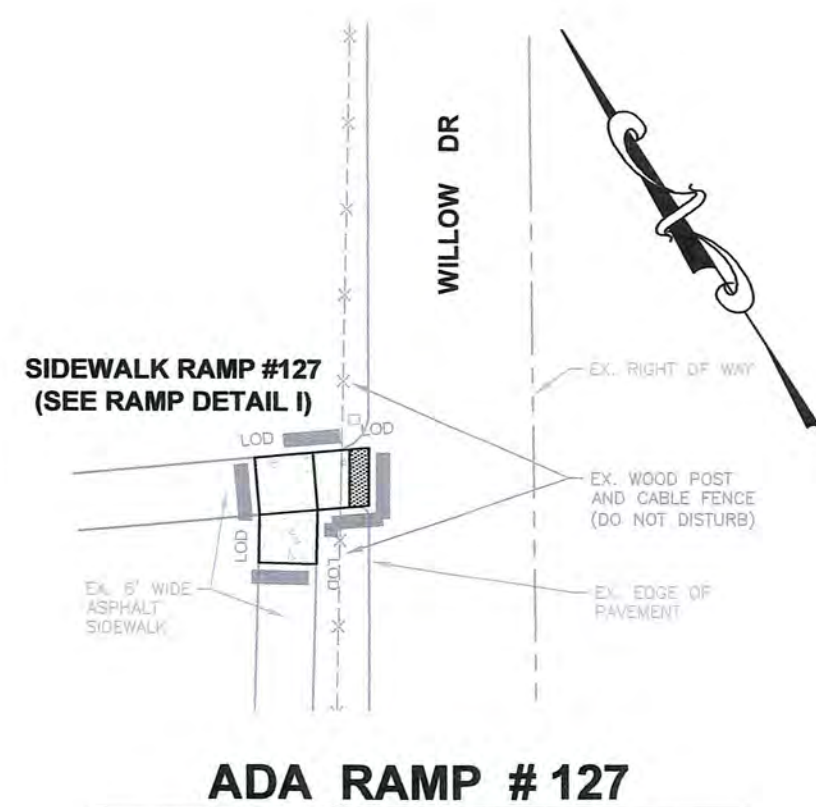


ADA RAMP # 122 & 123

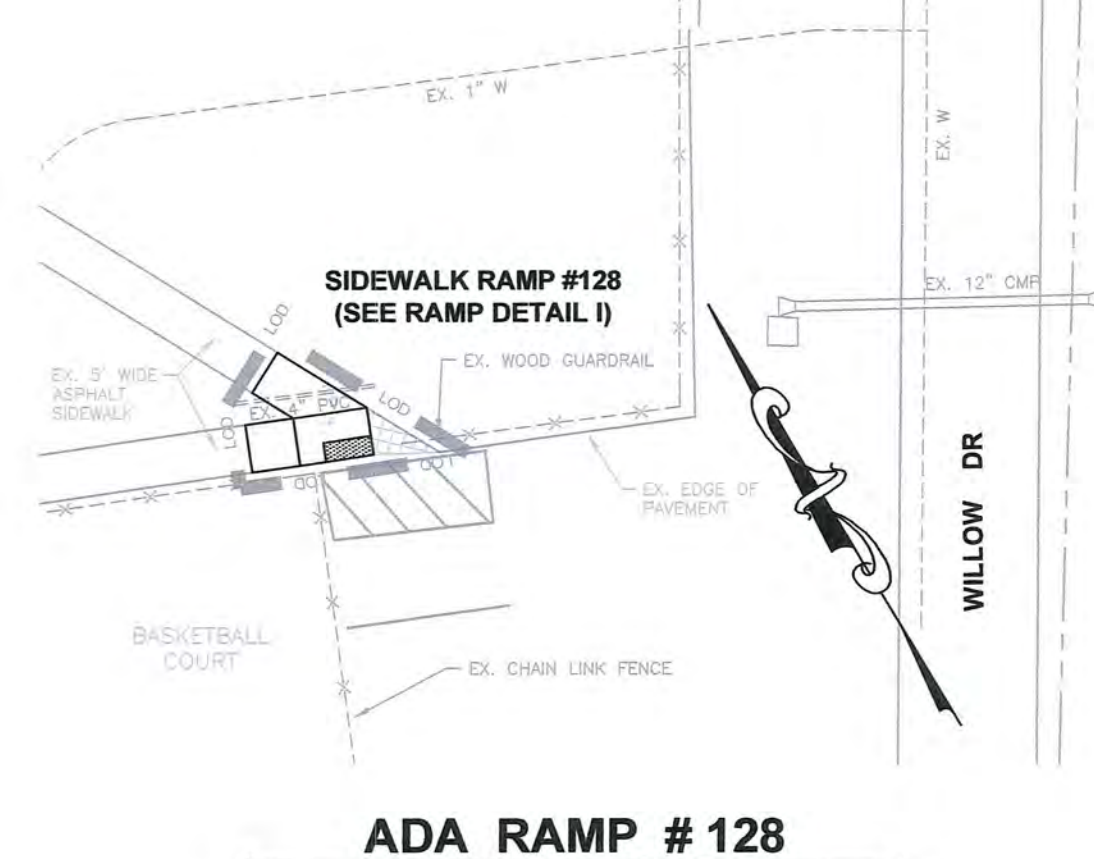


ADA RAMP # 124 & 125

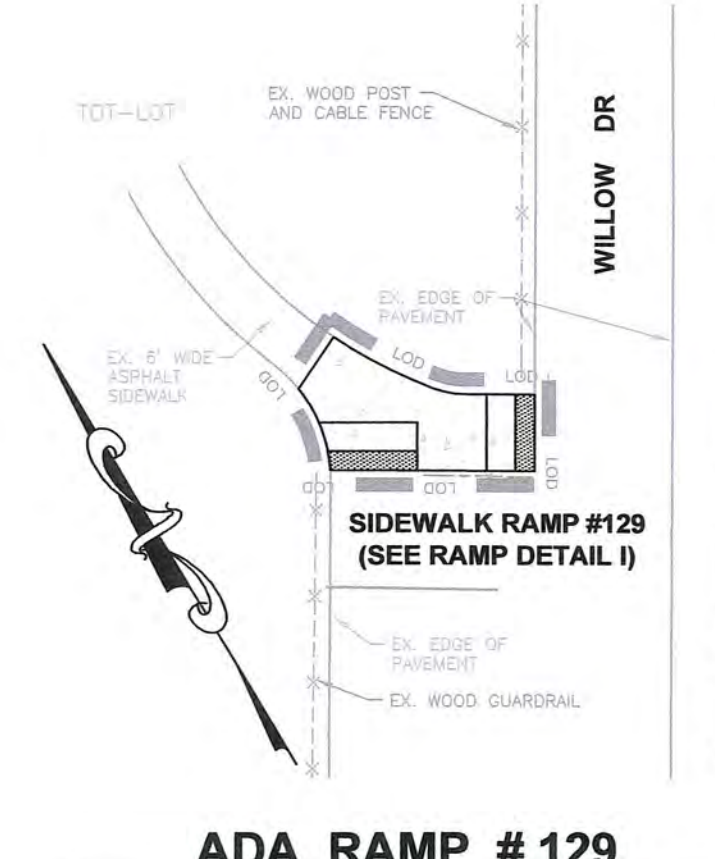
- PROPOSED ASPHALT
PAVING
- PROPOSED CONCRETE
SIDEWALK AND ADA RAMP
- REMOVE EXISTING CONCRETE CURB
& GUTTER, RAMP AND SIDEWALK
- LIMITS OF DISTURBANCE



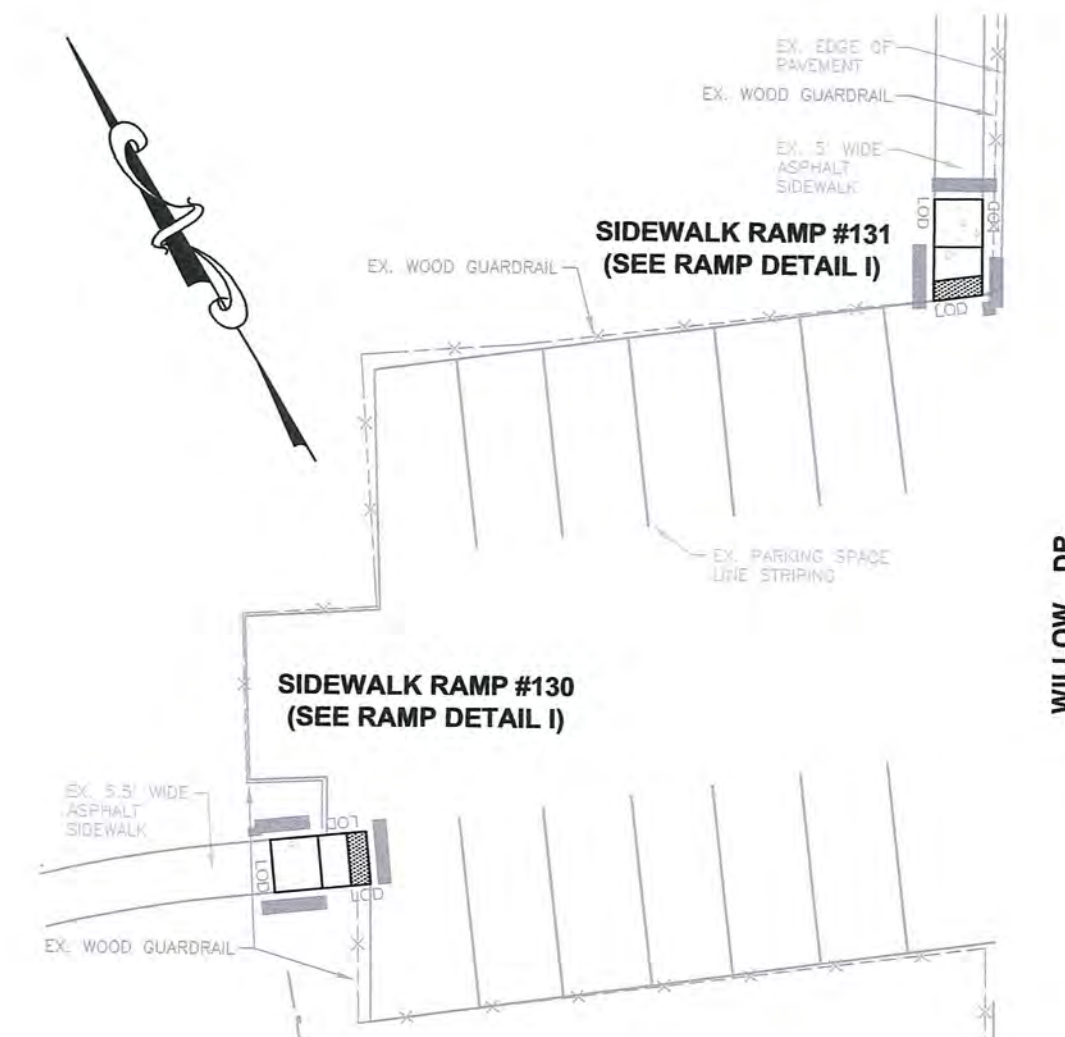
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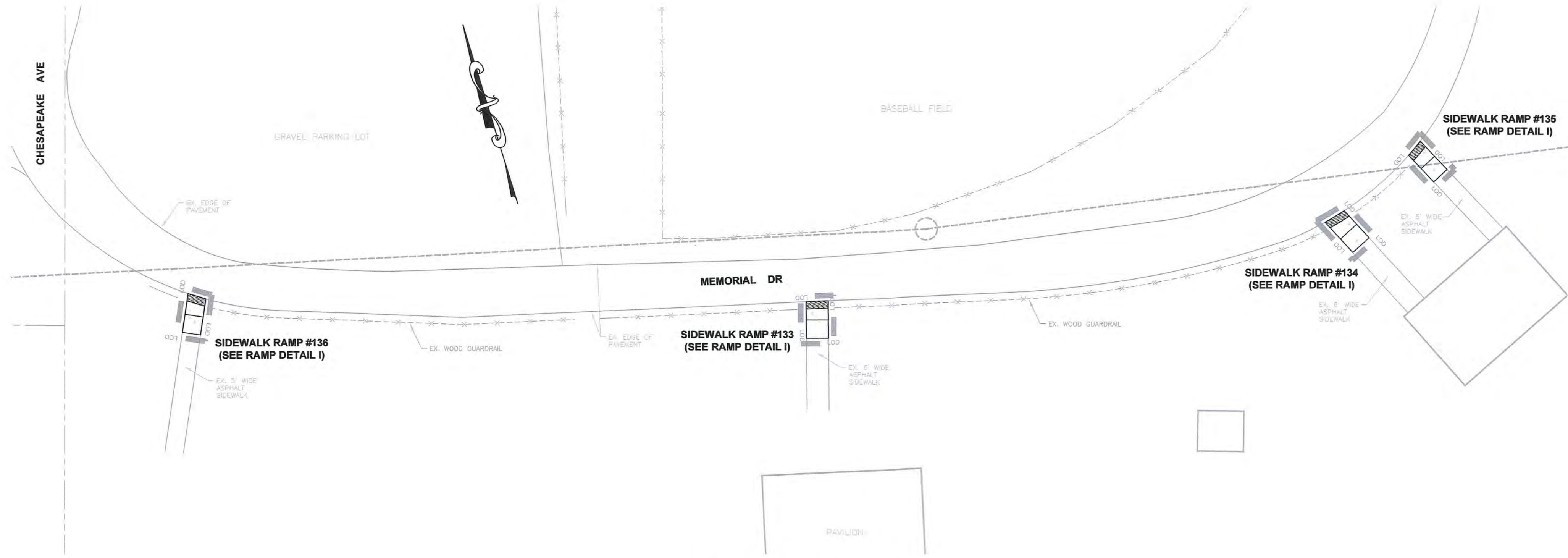
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ADA RAMP # 129

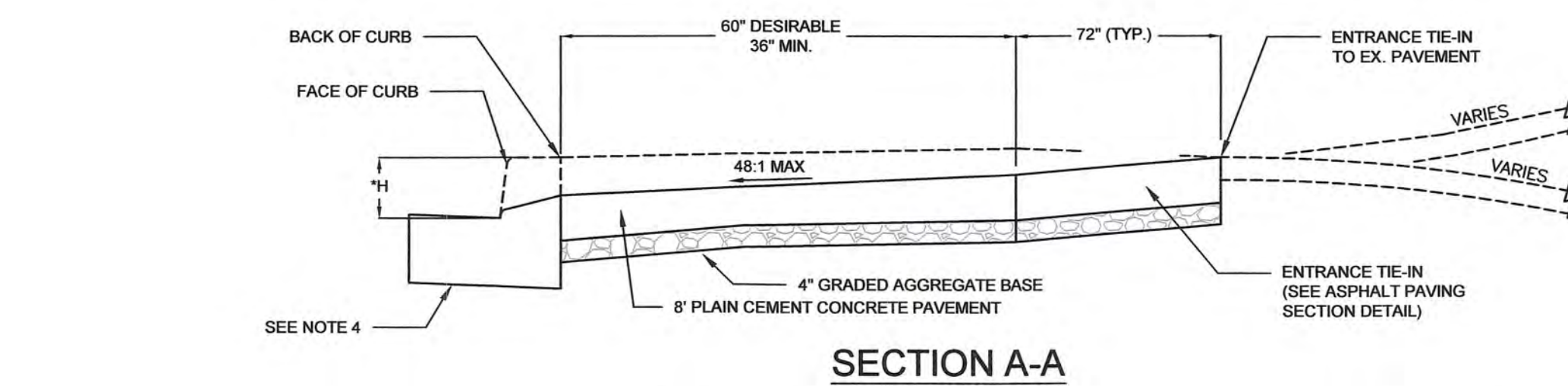
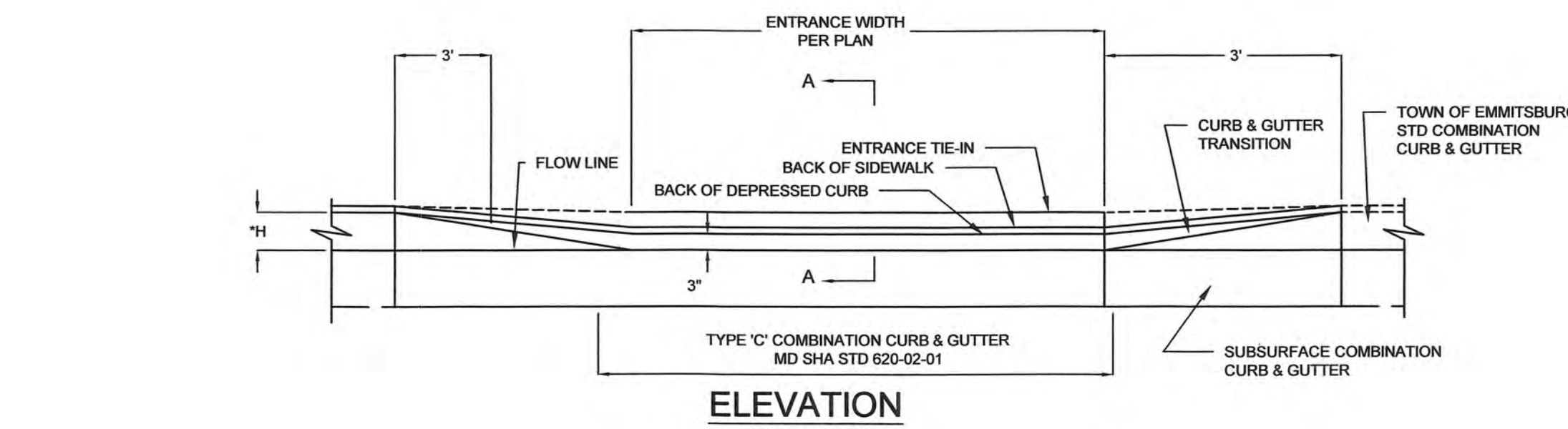
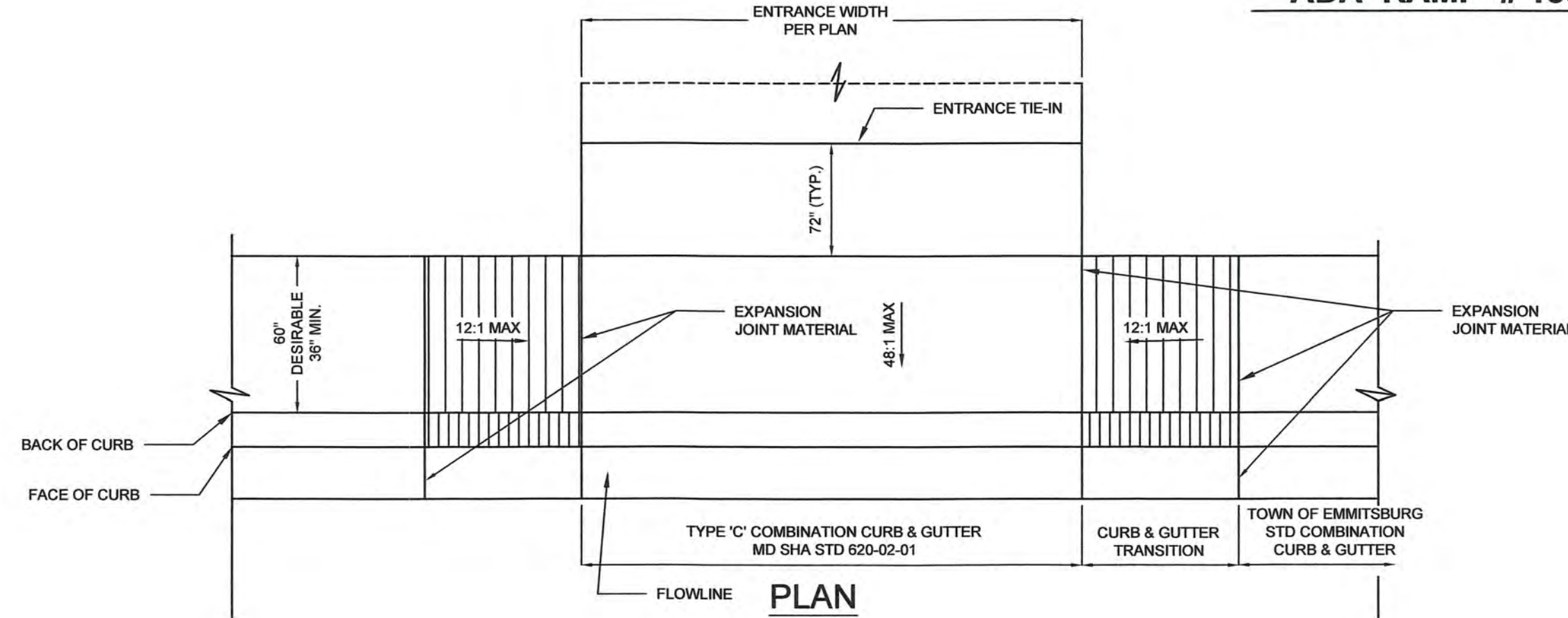
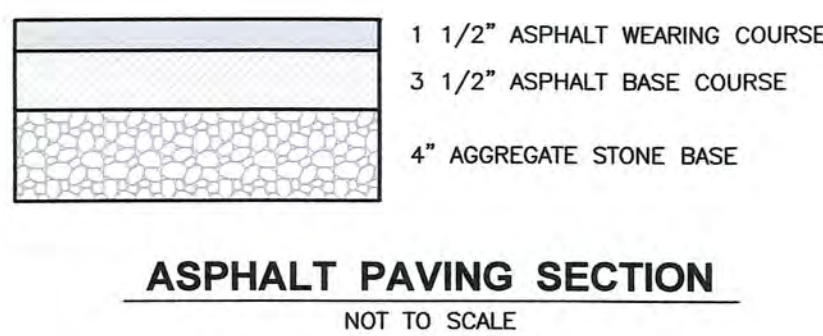


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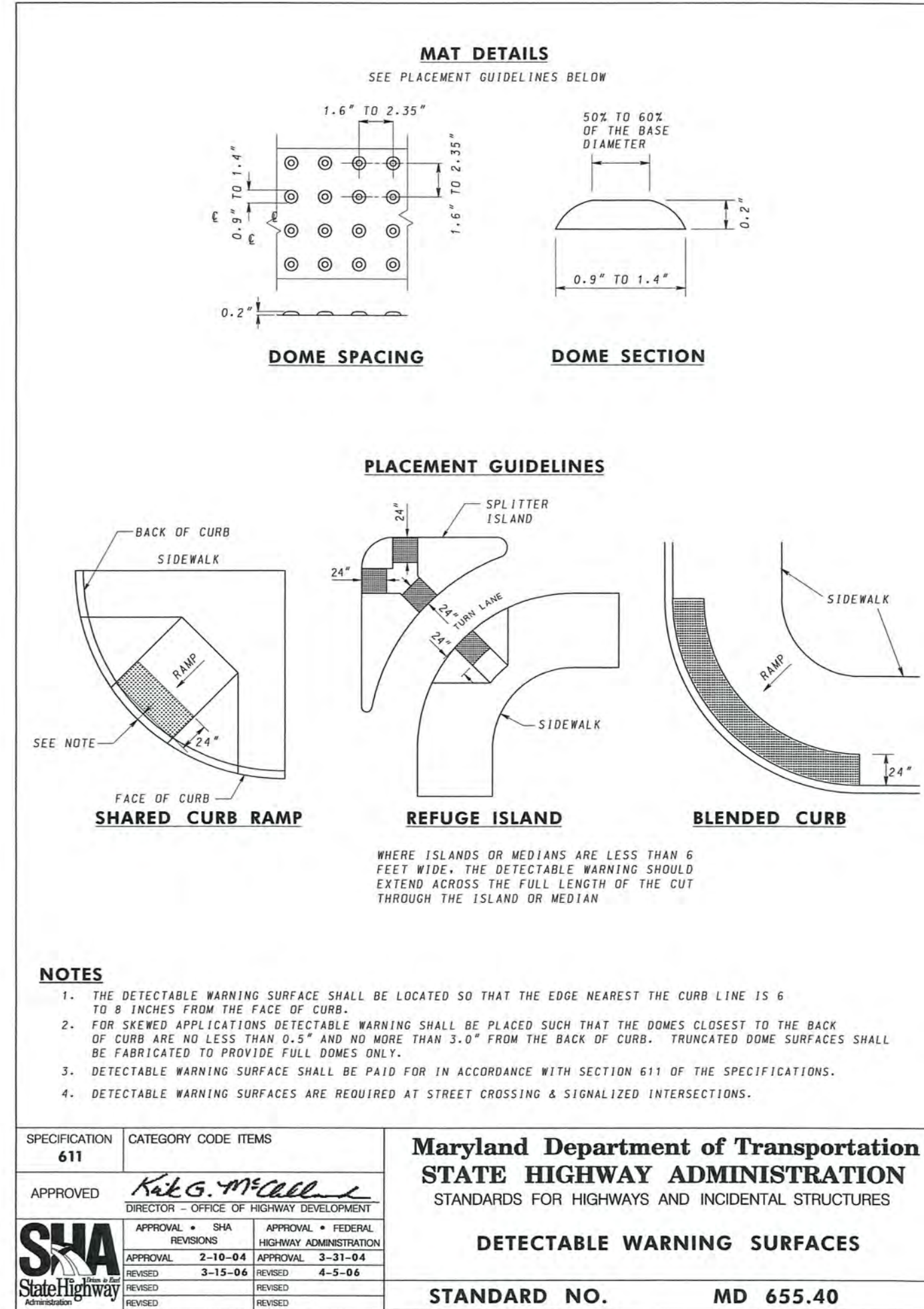
ADA RAMP # 133 - 136

- PROPOSED ASPHALT PAVING
- PROPOSED CONCRETE SIDEWALK AND ADA RAMP
- REMOVE EXISTING CONCRETE CURB & GUTTER, RAMP AND SIDEWALK
- LOD LIMITS OF DISTURBANCE



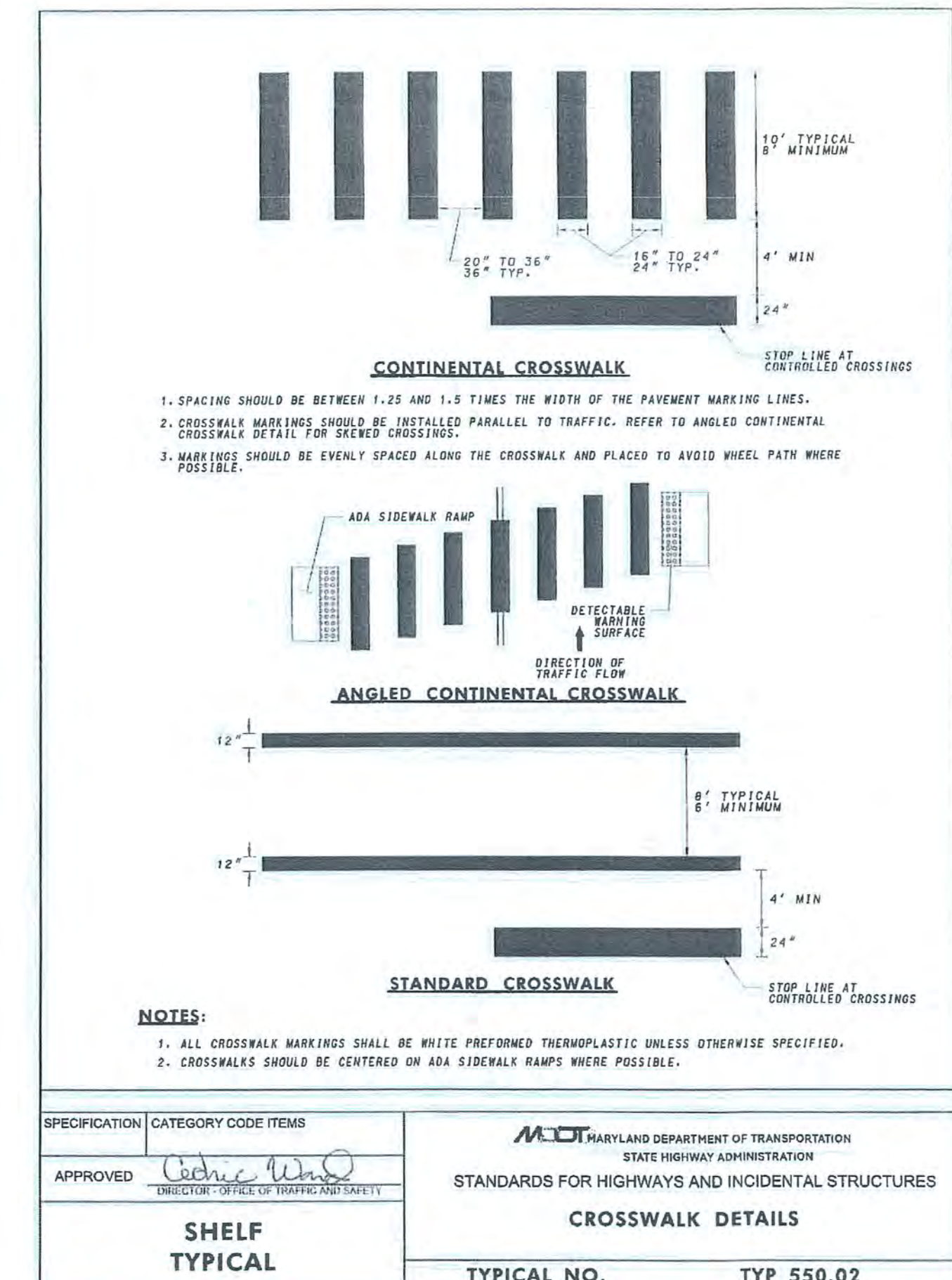
STANDARD ENTRANCE CONSTRUCTION RESIDENTIAL & COMMERCIAL METHOD NO.1

ADA RAMP # 102 - 105

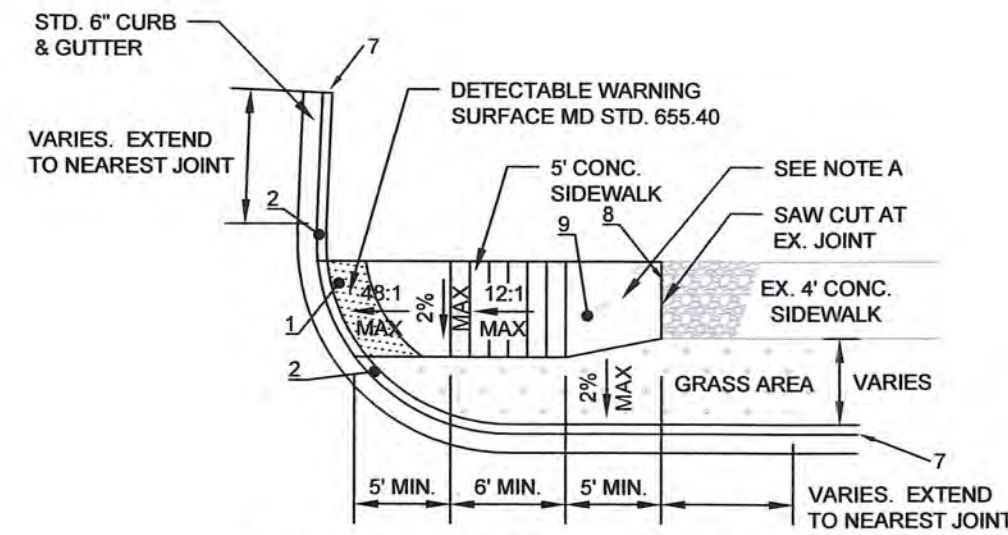


Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
DETECTABLE WARNING SURFACES
STANDARD NO. MD 655.40

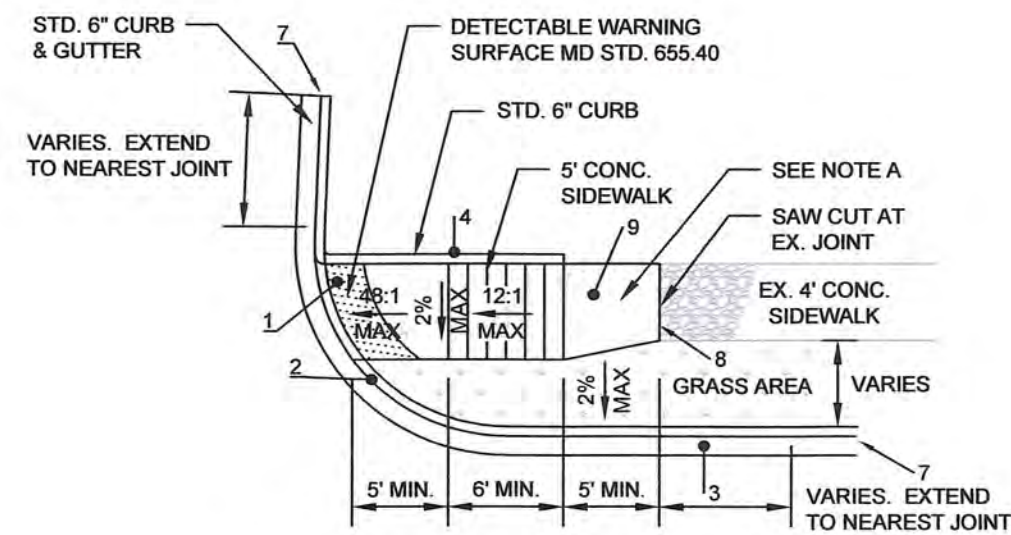
APPROVED BY:
TOWN OF EMMITSBURG
TOWN MAYOR
PLANNING COMMISSION CHAIRMAN
DATE: 2-16-21
DATE: 2-17-21



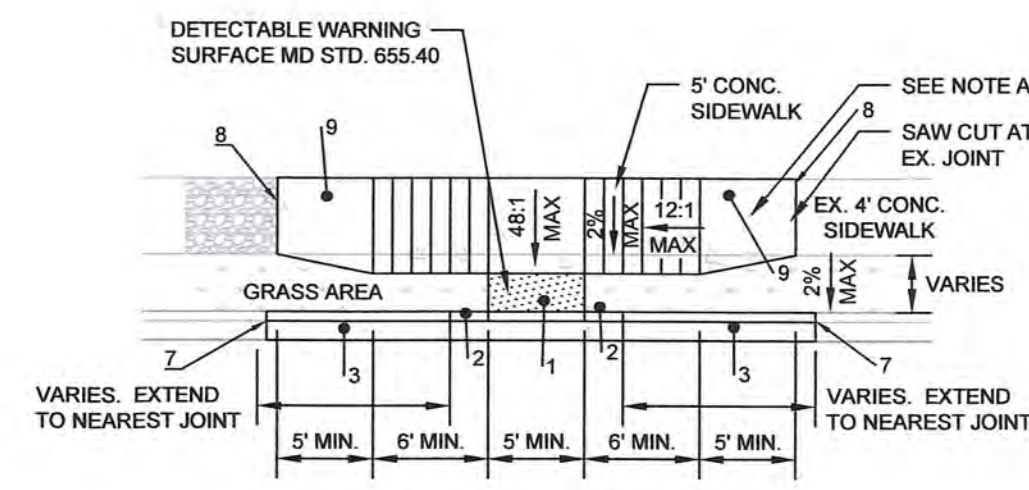
OWNER/DEVELOPER:
THE TOWN OF EMMITSBURG
300A S. SETON AVE.
EMMITSBURG, MD 21727
301-600-6300



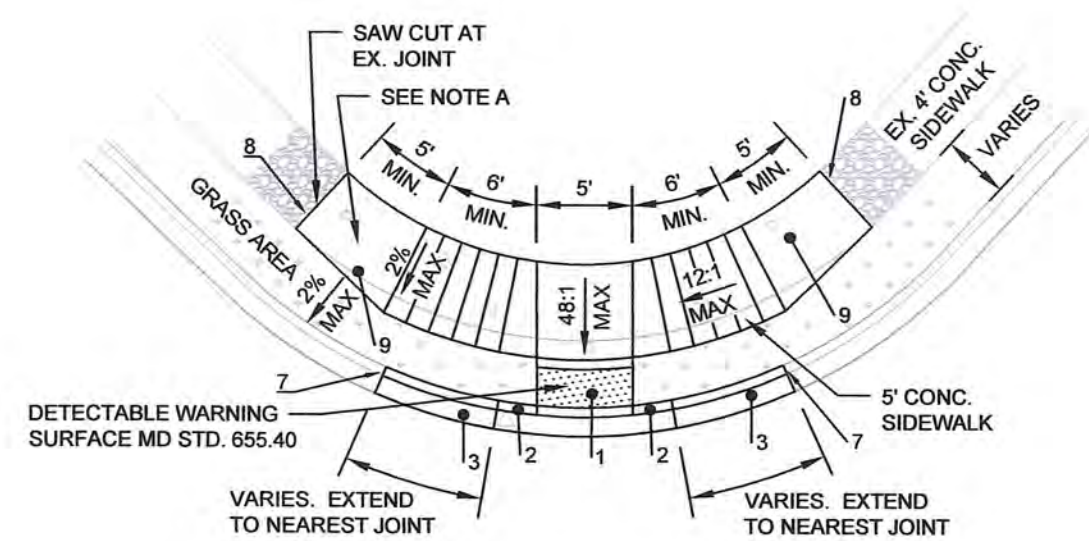
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NOT TO SCALE
RAMP # 65 & 110



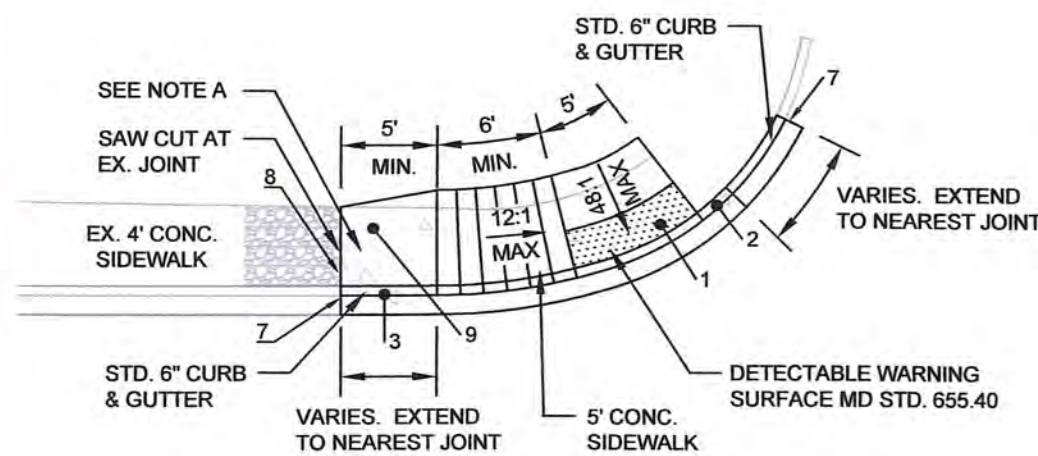
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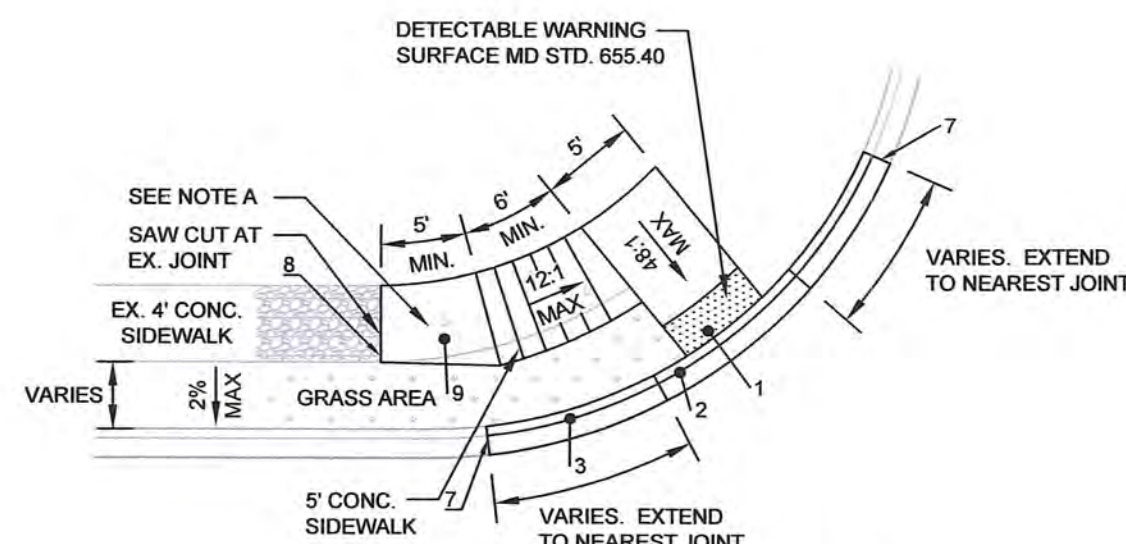
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RAMP # 68, 73, 81 & 122



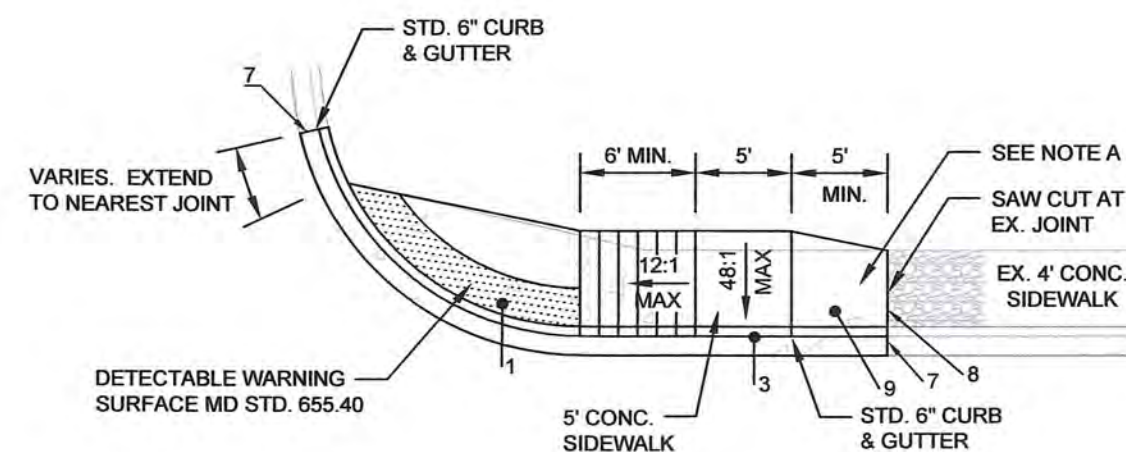
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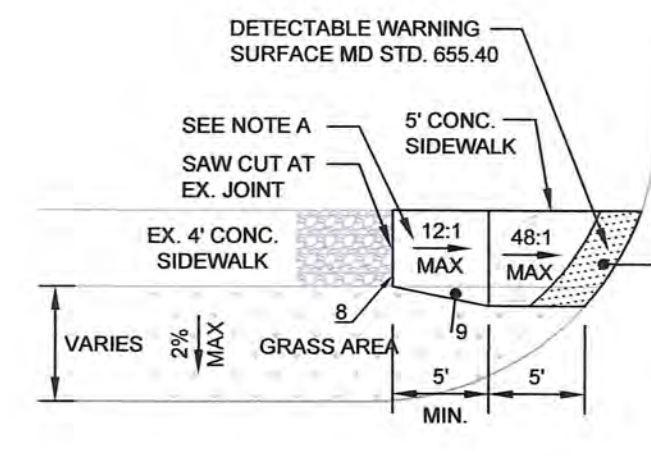
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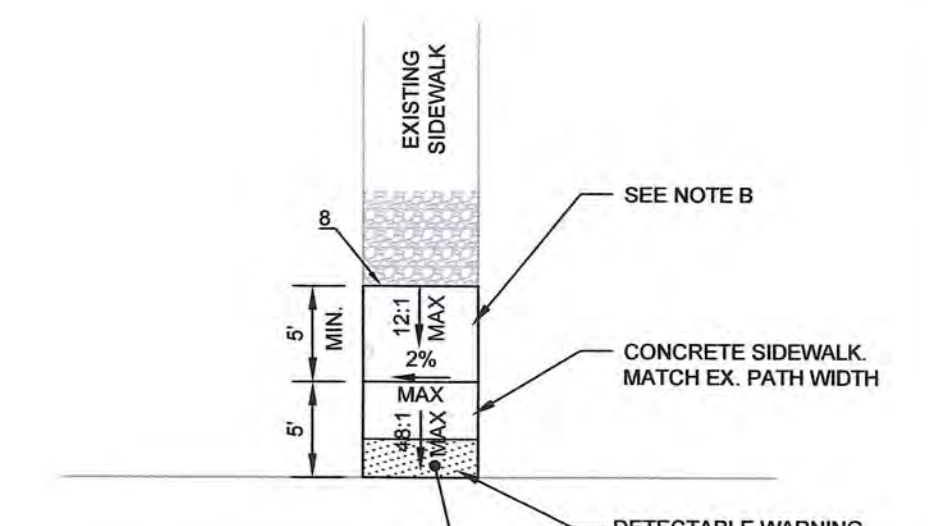
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NOT TO SCALE
RAMP # 1, 62 - 64 & 125



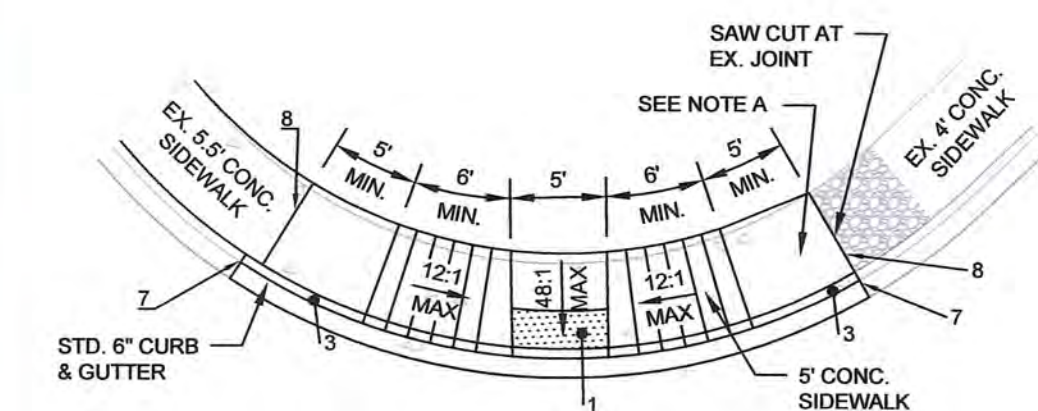
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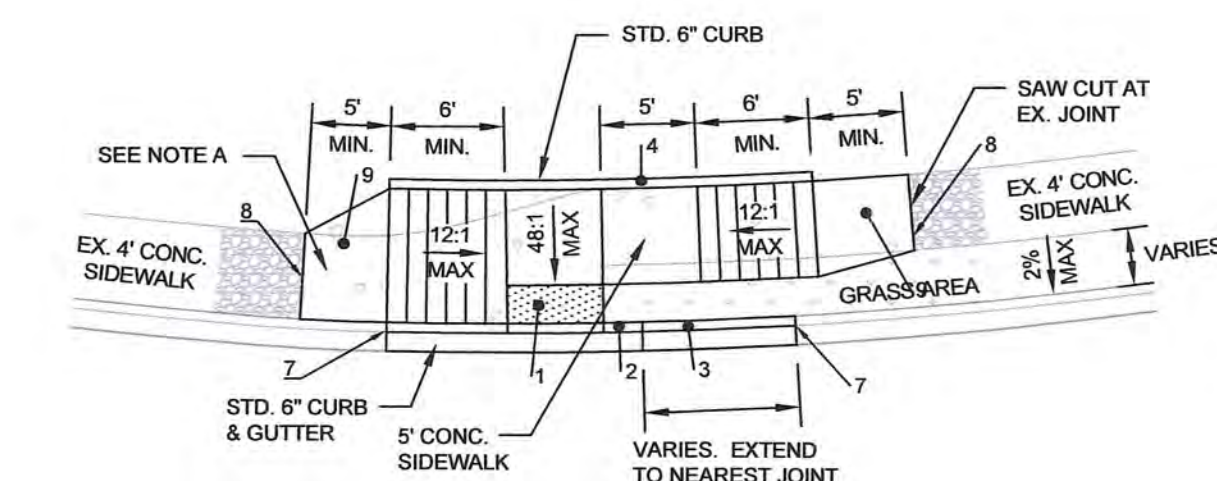
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RAMP # 6, 25 - 32 & 87



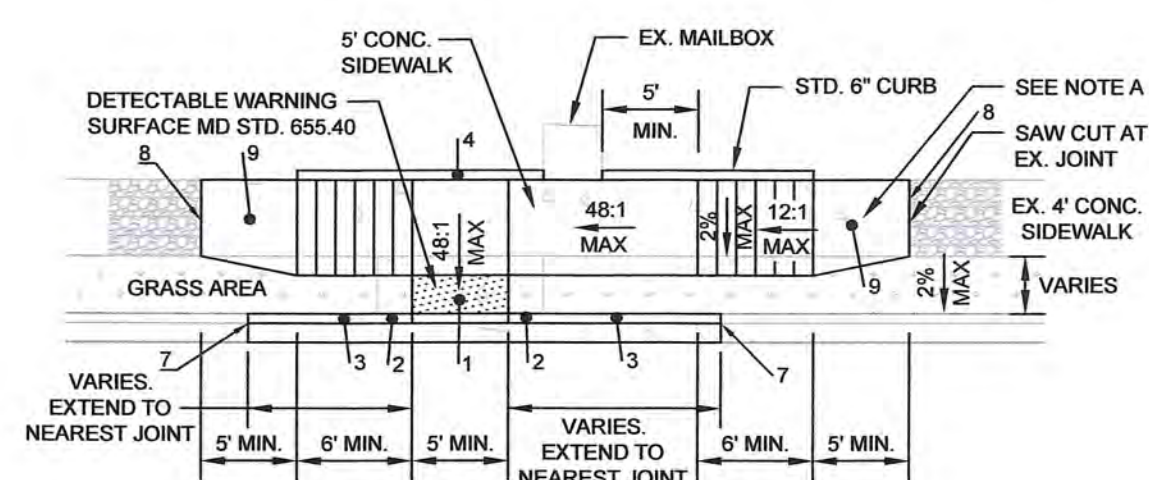
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RAMP # 94 - 98, 126 - 131 & 133 - 136



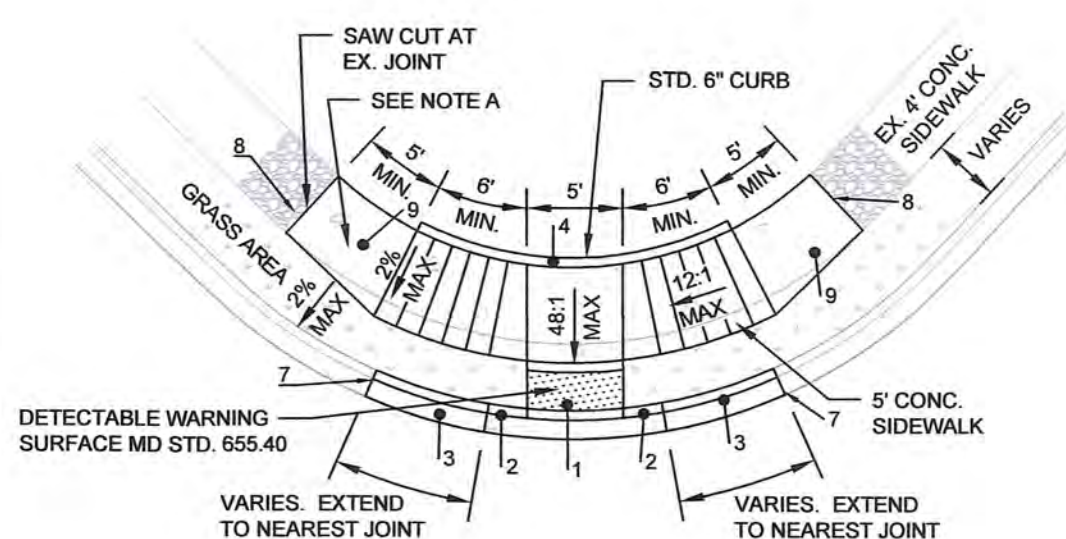
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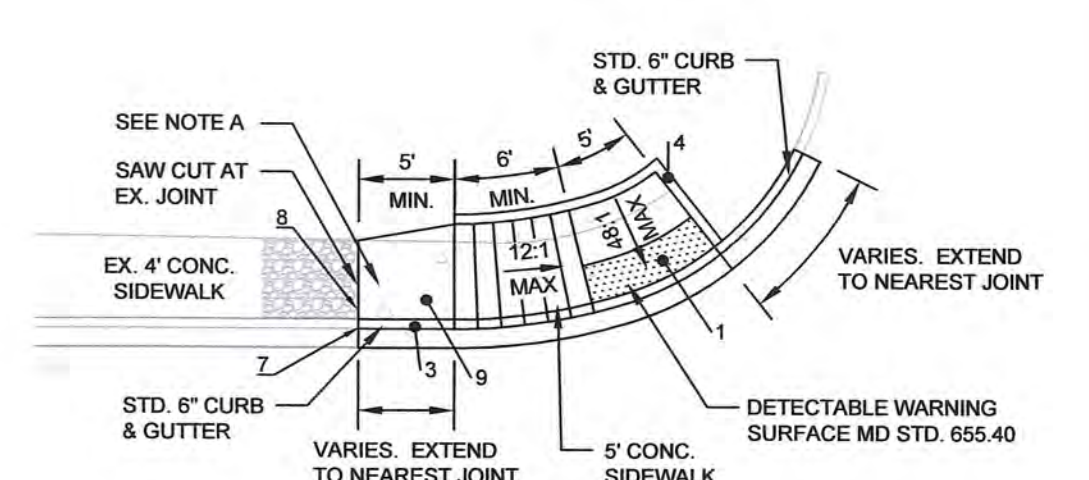
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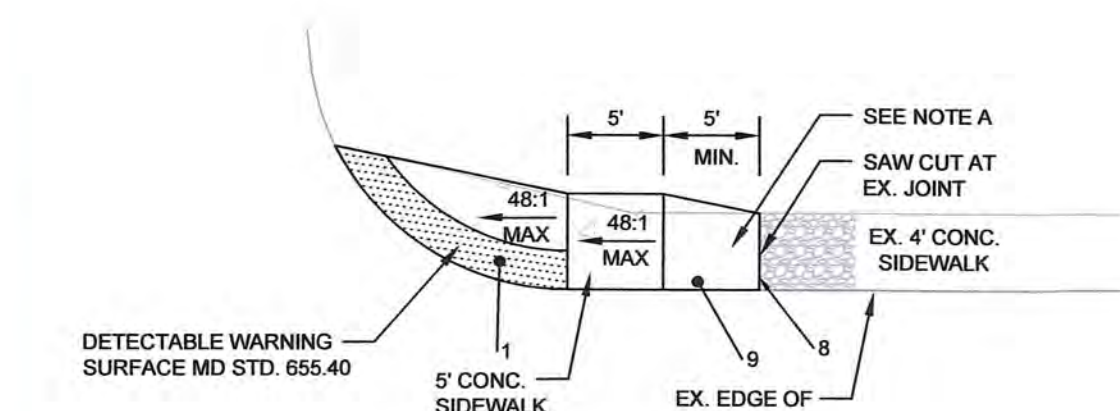
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NOT TO SCALE
RAMP # 40



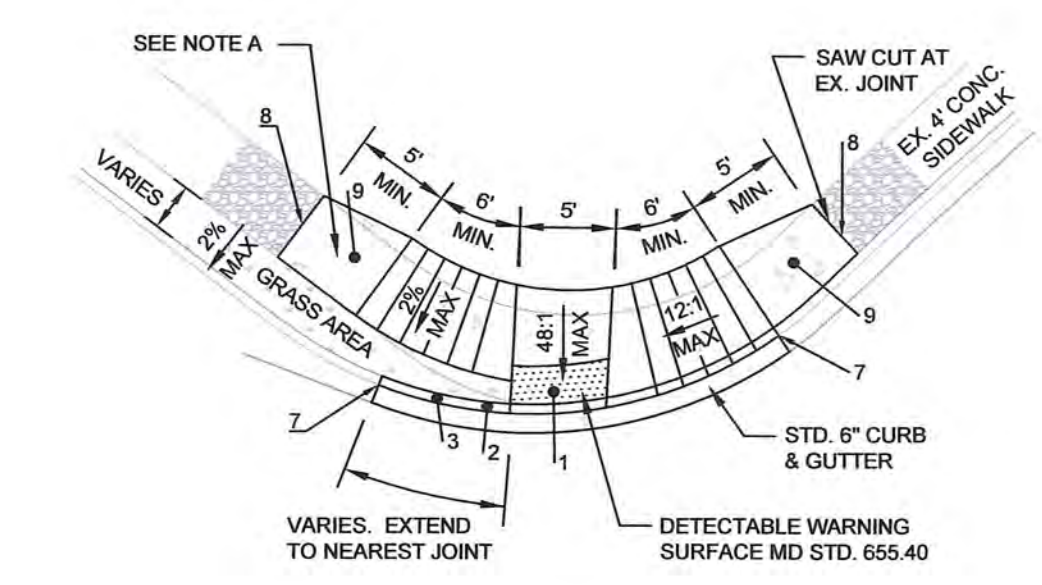
ADA RAMP DETAIL - TYPE M
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RAMP # 2, 20, 39 & 47



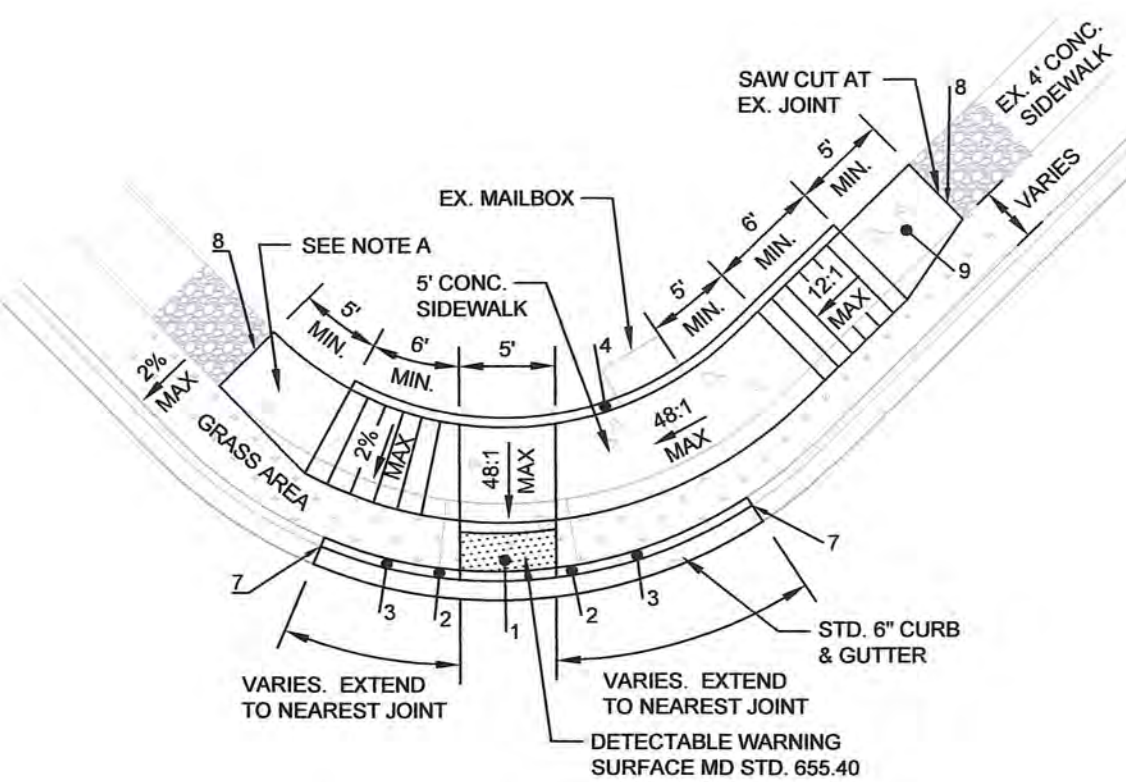
ADA RAMP DETAIL - TYPE N
NOT TO SCALE
RAMP # 33 & 90



ADA RAMP DETAIL - TYPE O
NOT TO SCALE
RAMP # 88



ADA RAMP DETAIL - TYPE Q
NOT TO SCALE
RAMP # 35



ADA RAMP DETAIL - TYPE P
NOT TO SCALE
RAMP # 42 & 44

NOTE A: INCLUDE A TRANSITION PANEL (MINIMUM 5' IN LENGTH) TO TIE INTO EXISTING SIDEWALK AT JOINT.

NOTE B: INCLUDE A TRANSITION PANEL (MINIMUM 5' IN LENGTH) TO TIE INTO EXISTING SIDEWALK IF REQUIRED TO MEET ADA GRADING REQUIREMENTS.

OWNER/DEVELOPER:
THE TOWN OF EMMITSBURG
300A S. SETON AVE.
EMMITSBURG, MD 21727
301-600-6300

- 1) DETECTABLE WARNING SURFACE (SEE STD. NO. MD 655.40)
- 2) NOSE DOWN CURB TO CONCRETE GUTTER 12:1 MAX. INCIDENTAL TO THE CURB ITEM
- 3) (1) TYPE A COMBINATION CURB AND GUTTER: (STD. NO. MD 620.02) CURB HEIGHT AS NOTED ON DETAIL
- 4) (1) TYPE A CURB: (STD. NO. MD 620.02) CURB HEIGHT AS NOTED ON DETAIL
- 5) DEPRESSED COMBINATION CURB AND GUTTER TYPE A: (SEE STD. NO. MD 630.01, NOTE 5)
- 6) REMOVE EXISTING CONCRETE OR BRICK SIDEWALK PLACE 4\"/>
- 7) TIE INTO EXISTING CONCRETE CURB AND GUTTER
- 8) TIE INTO EXISTING CONCRETE SIDEWALK
- 9) TRANSITION PANEL - TRANSITION TO EX. CONC. SIDEWALK 2:1 MAX
- 10) 5\"/>
- 11) PLACE 4\"/>
- 12) REMOVE EXISTING CONCRETE CURB. PLACE 4\"/>

APPROVED BY:
TOWN OF EMMITSBURG
TOWN MAYOR
PLANNING COMMISSION CHAIRMAN
DATE: 2-16-21
DATE: 2-17-21

FOX & ASSOCIATES, INC.
Est. 1966
ENGINEERS • SURVEYORS • PLANNERS
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301) 733-5603
FAX: (301) 733-5609
WWW.FOXSOCIATESINC.COM E-MAIL: FOX@FOXASSOCIATESINC.COM

REVISION
DATE

SIDEWALK DETAILS
TOWN OF EMMITSBURG
SITUATED IN THE TOWN OF EMMITSBURG
TOWN OF EMMITSBURG, ELECTION DISTRICT NO. 5
FREDERICK COUNTY, MARYLAND

SCALE: 1" = 20'

PROFESSIONAL CERTIFICATION

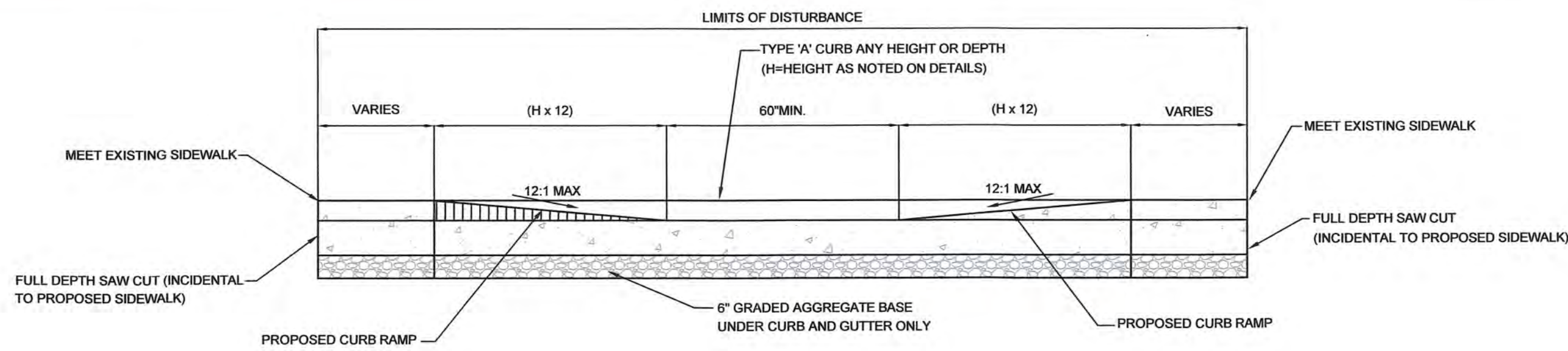
STATE OF MARYLAND
JAMES H. JONES
Professional Engineer
No. 10142

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.

LICENSE NO.: 20709 EXP. DATE: 7/23/22

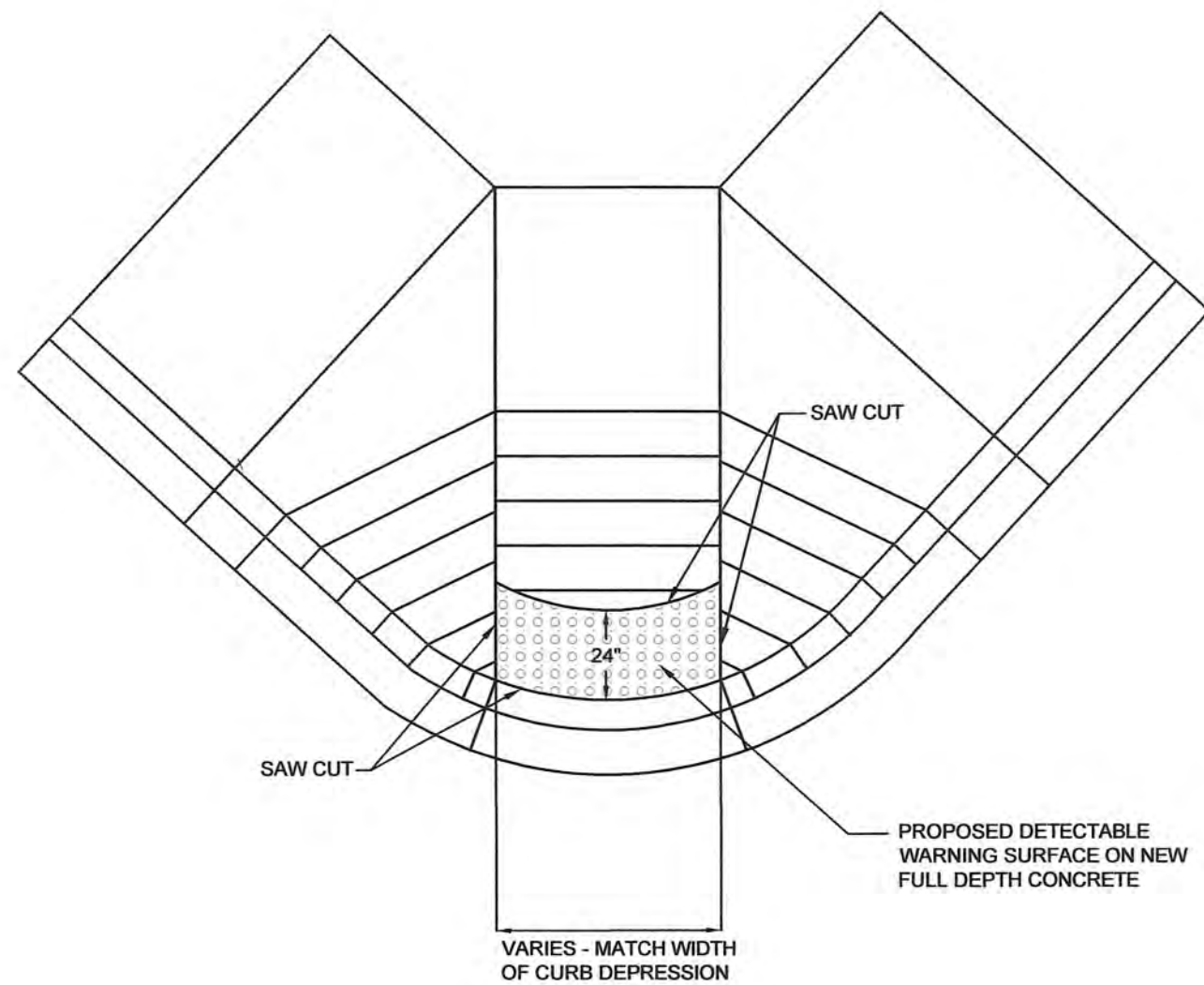
PROJECT NO.: 20-31621
DRAWING NO.: D-3504
DATE: SEPTEMBER 2020
DRAWN BY: JWE
CHECKED BY: JHC

SHEET 11 OF 15



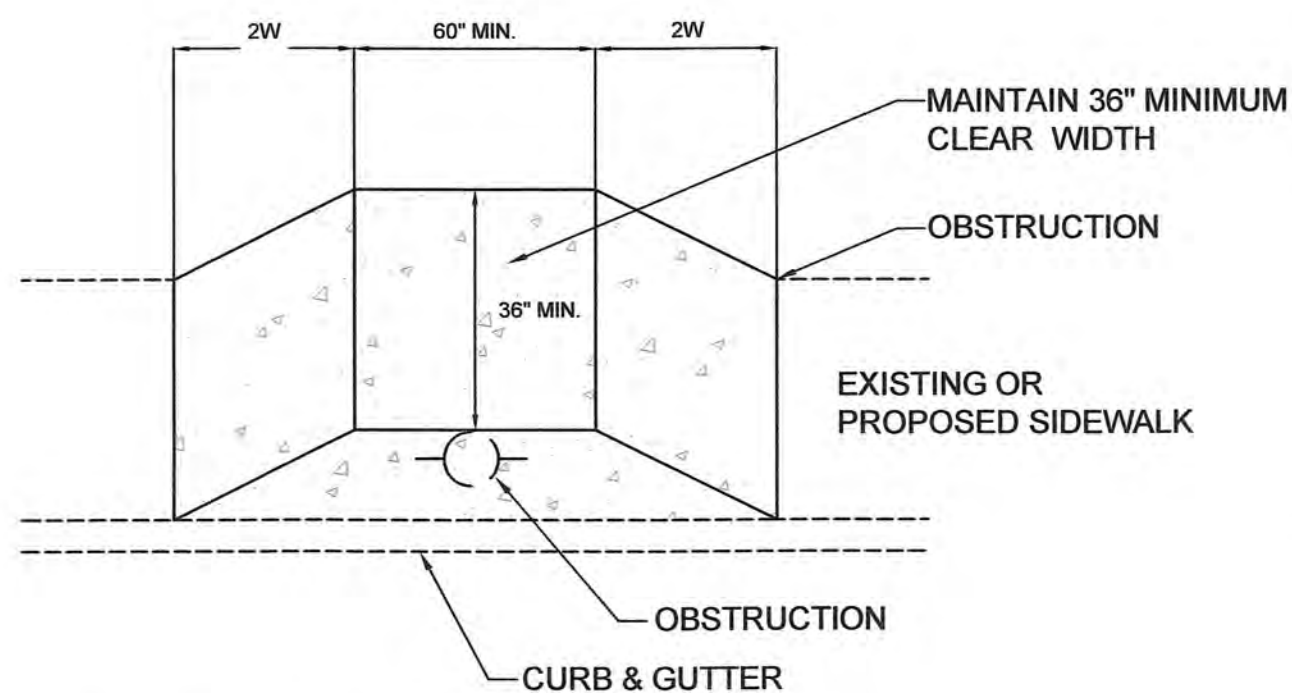
- NOTES:
1. TYPE A CURB TO MATCH HEIGHT ON DETAILS
 2. TAPER CURB FROM MAX. HEIGHT SHOWN ON DETAILS TO 0" WHERE IT MEETS WITH THE EXISTING SIDEWALK (AS SHOWN BELOW)
 3. H = HEIGHT IN INCHES OF PROPOSED TYPE "A" CURB

TYPICAL SIDEWALK RAMP WITH BACK CURB
TRANSITION DETAIL
NTS

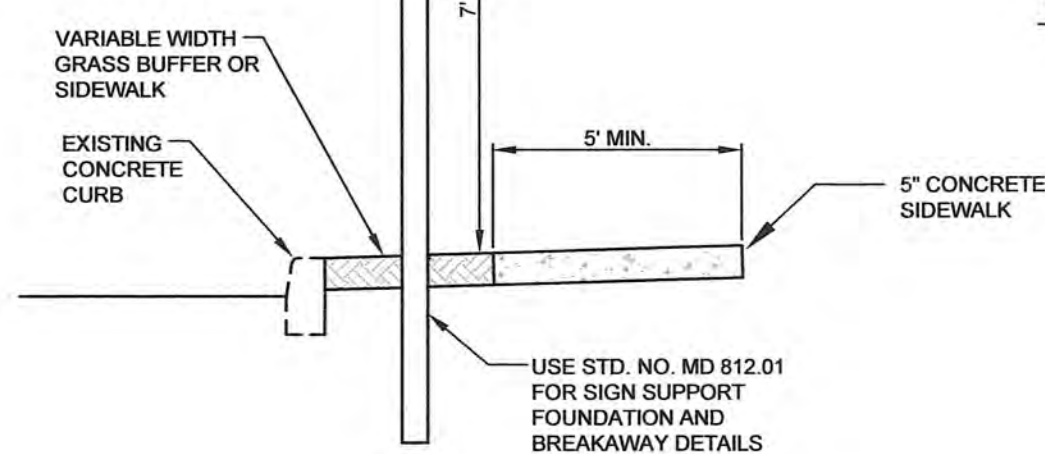


DETECTABLE WARNING SURFACE INSTALLATION
NTS

- NOTES:
1. ALL PROPOSED DETECTABLE WARNING SURFACES (DWS) SHALL BE CAST IN PLACE ON NEW FULL DEPTH CONCRETE. SURFACE APPLIED DWS SHALL NOT BE PERMITTED ON THIS CONTRACT.
 2. EXISTING CONCRETE RAMPS AND SIDEWALKS SHALL BE SAW CUT FOR INSTALLATION OF DWS. COST OF SAW CUTTING SHALL BE INCIDENTAL TO THE PROPOSED DWS INSTALLATION.
 3. SEE STD. MD 655.40 FOR ADDITIONAL DETAILS.

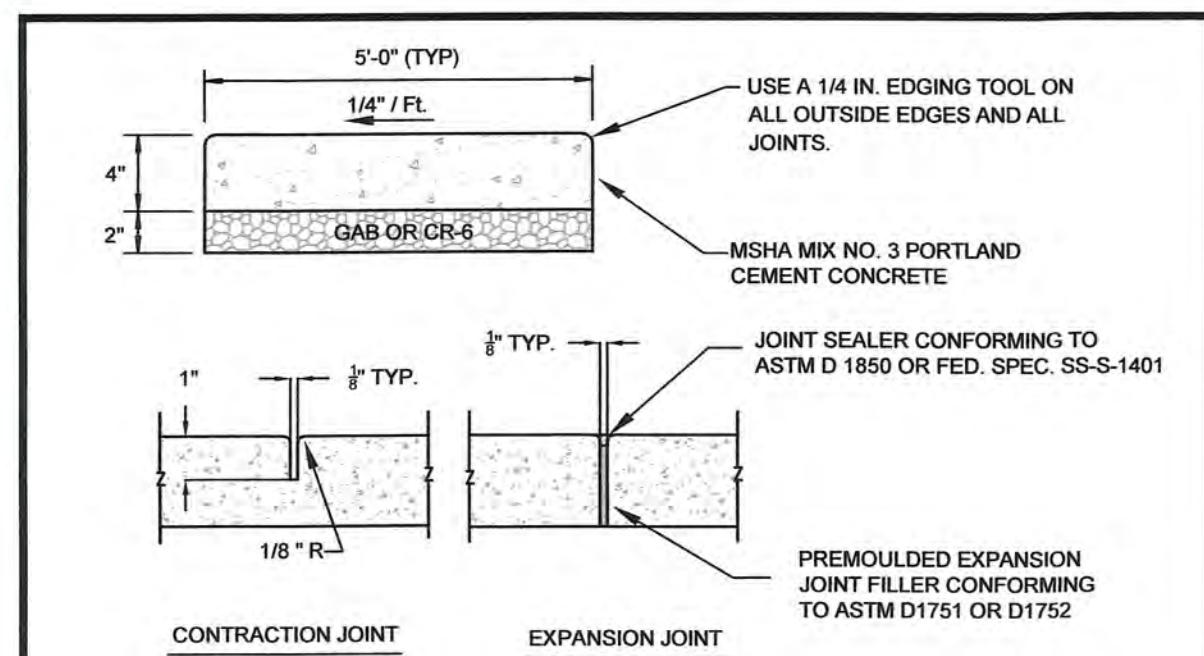


TYPICAL SIDEWALK BUMPOUT DETAIL
NTS

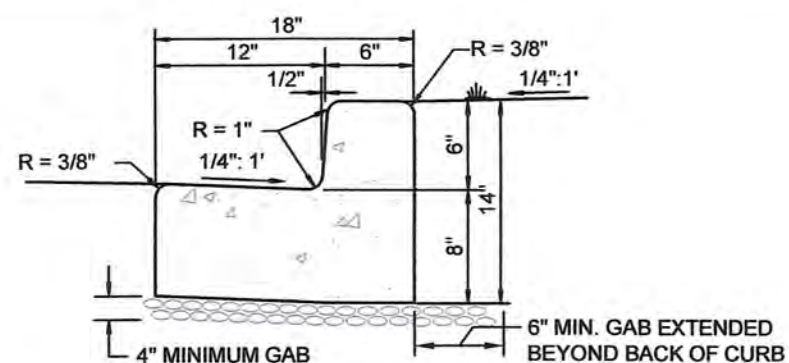


- NOTES:
1. ALL SIGNS BEING RELOCATED SHALL BE RELOCATED WITH AND ONTO EXISTING SUPPORTS.
 2. FOR INSTALLATION INTO CONCRETE SIDEWALK, A 5" MINIMUM PATH MUST BE MAINTAINED ADJACENT TO THE POST. A SLEEVED FOUNDATION SHALL BE USED PER MD. STD. NO. 812.05-01 AND NO. 812.05-02.

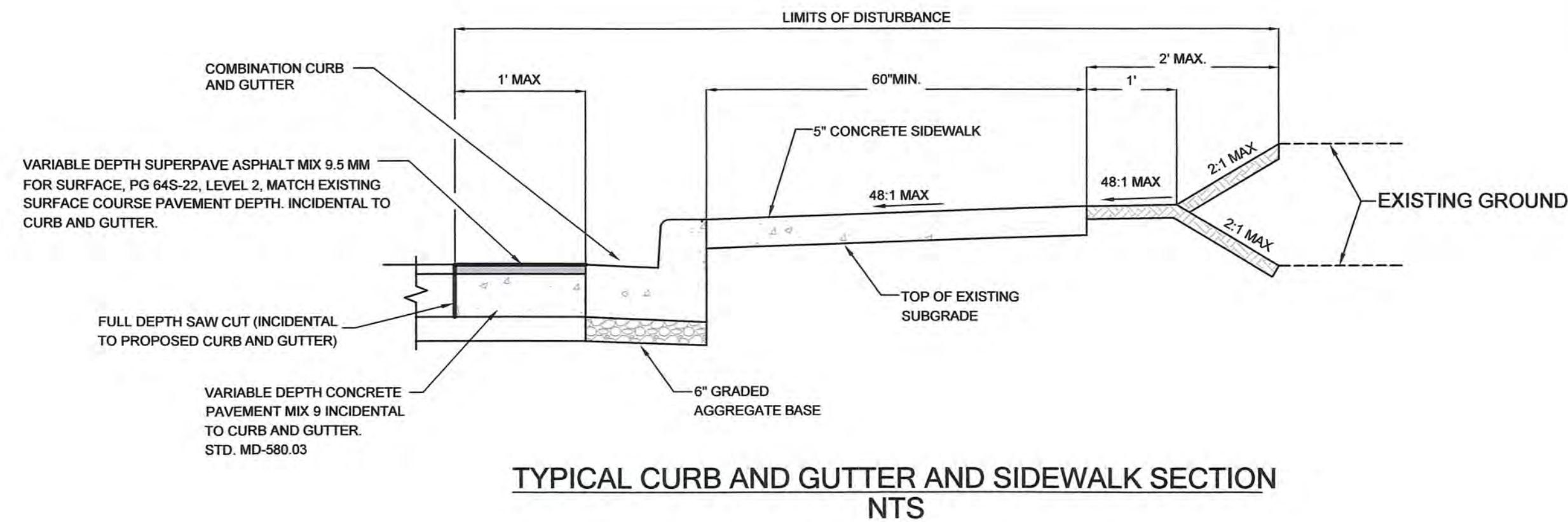
SIGN INSTALLATION/RELOCATION DETAIL
NTS



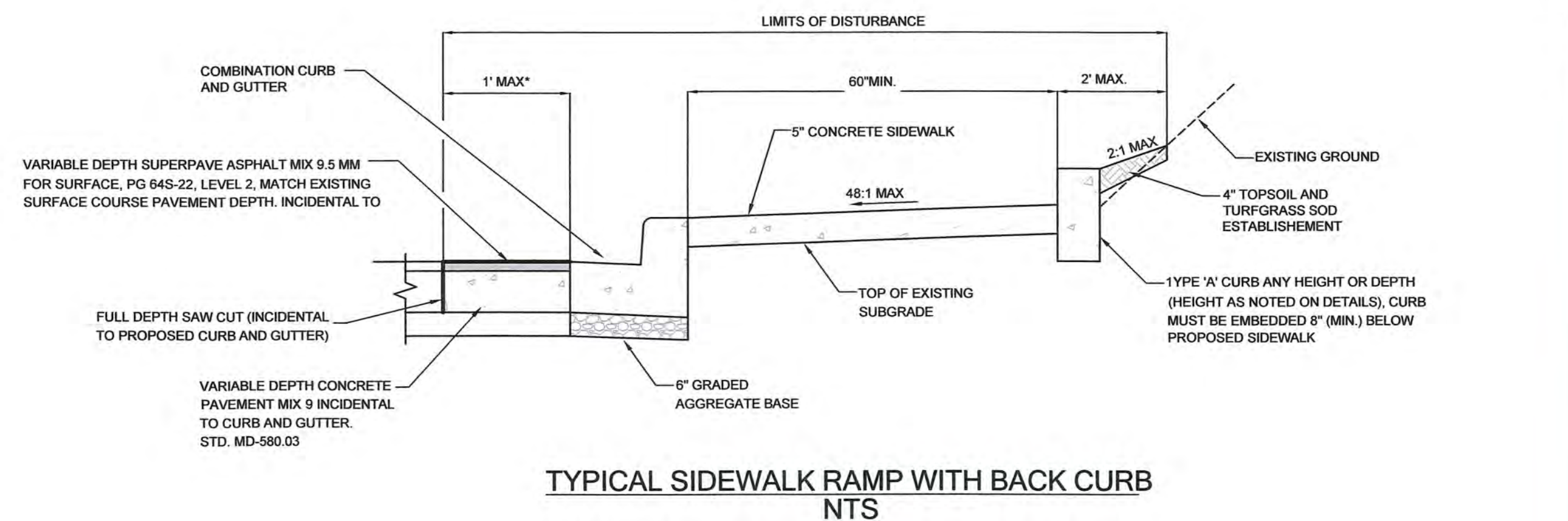
STANDARD CONCRETE SIDEWALK
NOT TO SCALE



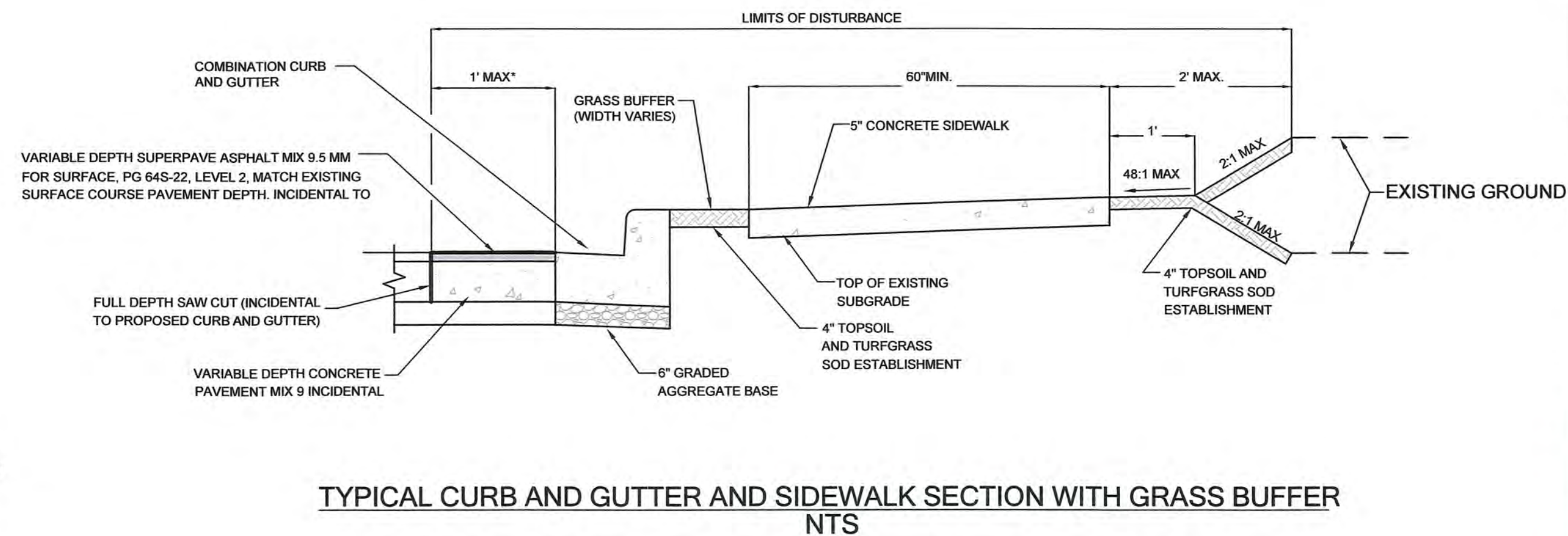
TOWN OF EMMITSBURG STD.
COMBINATION CURB AND GUTTER
N.T.S.



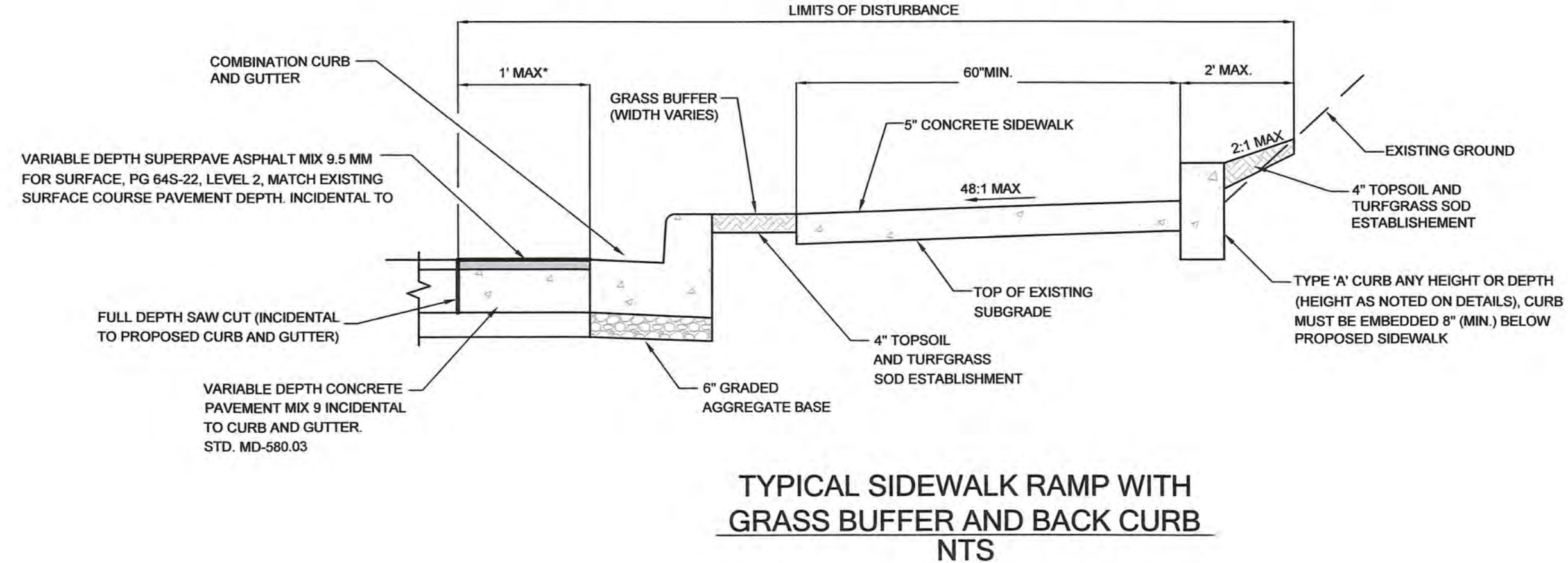
TYPICAL CURB AND GUTTER AND SIDEWALK SECTION
NTS



TYPICAL SIDEWALK RAMP WITH BACK CURB
NTS



TYPICAL CURB AND GUTTER AND SIDEWALK SECTION WITH GRASS BUFFER
NTS



TYPICAL SIDEWALK RAMP WITH
GRASS BUFFER AND BACK CURB
NTS

OWNER/DEVELOPER:
THE TOWN OF EMMITSBURG
300A S. SETON AVE.
EMMITSBURG, MD 21727
301-800-6300

FOX & ASSOCIATES, INC.
ENGINEERS-SURVEYORS-PLANNERS
881 MT. AETNA ROAD
HAGERSTOWN, MD 21740
PHONE: (301) 733-6603
or (301) 733-1883
FAX: (301) 733-6009
WWW.FOXASSOCIATESINC.COM Email: FOX@FOXASSOCIATESINC.COM

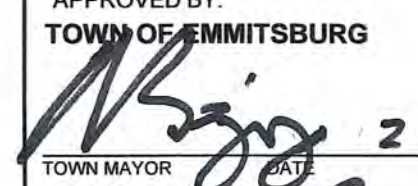
DRAWN BY	REVISION	DATE

SIDEWALK NOTES & DETAILS
TOWN OF EMMITSBURG
SITUATED IN THE TOWN OF EMMITSBURG
TOWN OF EMMITSBURG, ELECTION DISTRICT NO. 5
FREDERICK COUNTY, MARYLAND

SCALE: 1" = 20'

PROFESSIONAL CERTIFICATION

STATE OF MARYLAND
JOSEPH H. CROFT
PROFESSIONAL ENGINEER
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.
LICENSE No. 20109 EXP. DATE: 7/23/22

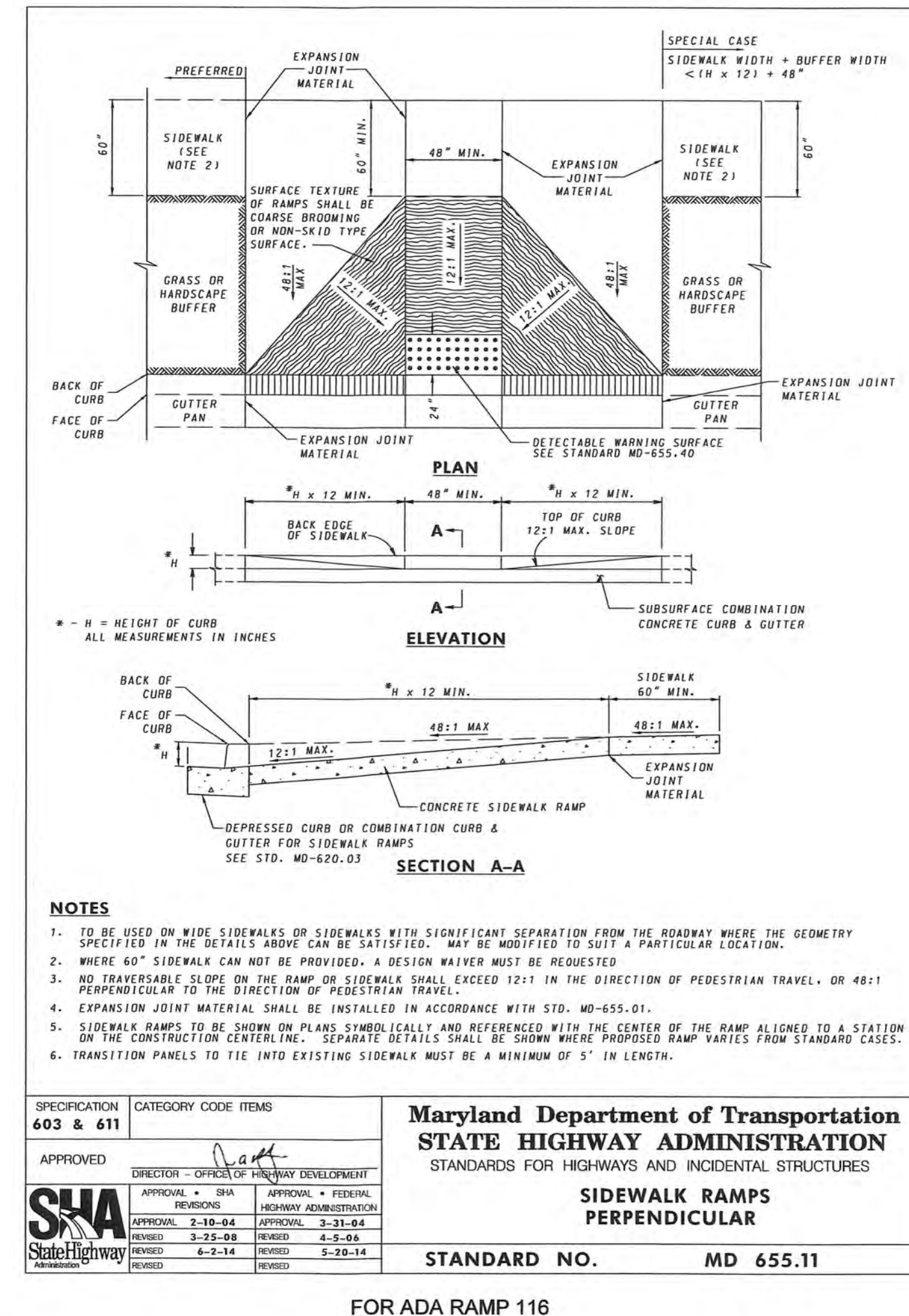
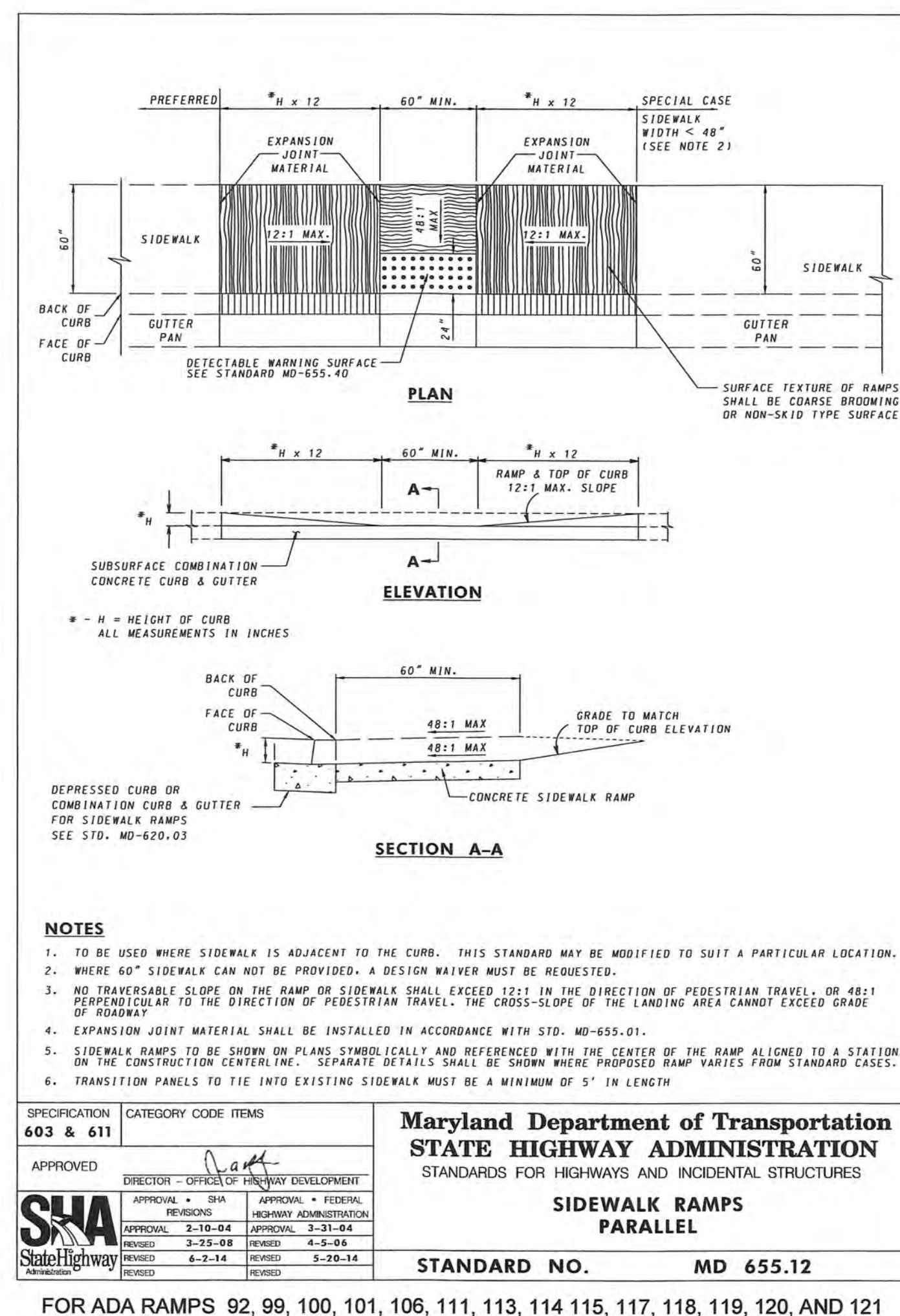
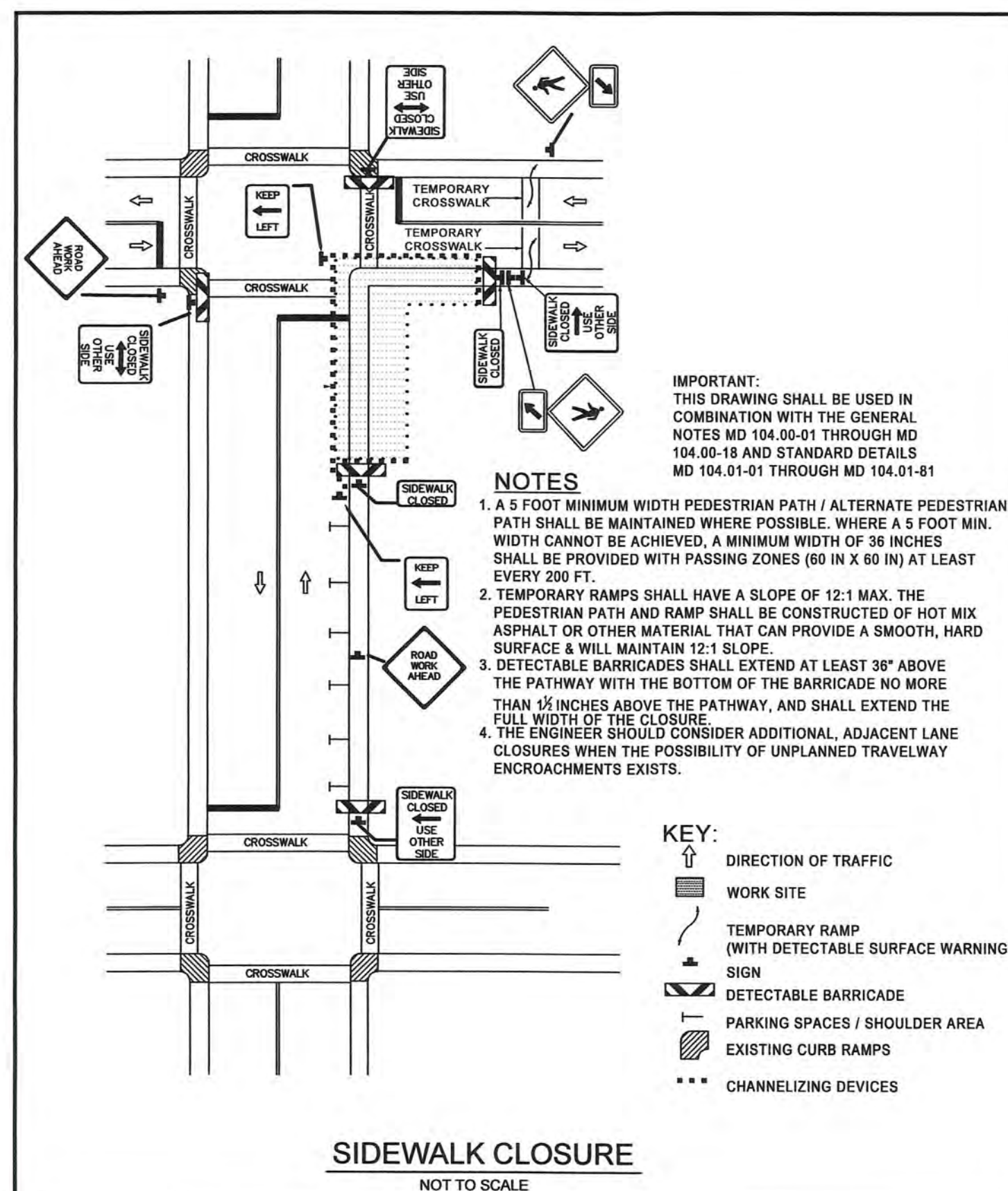
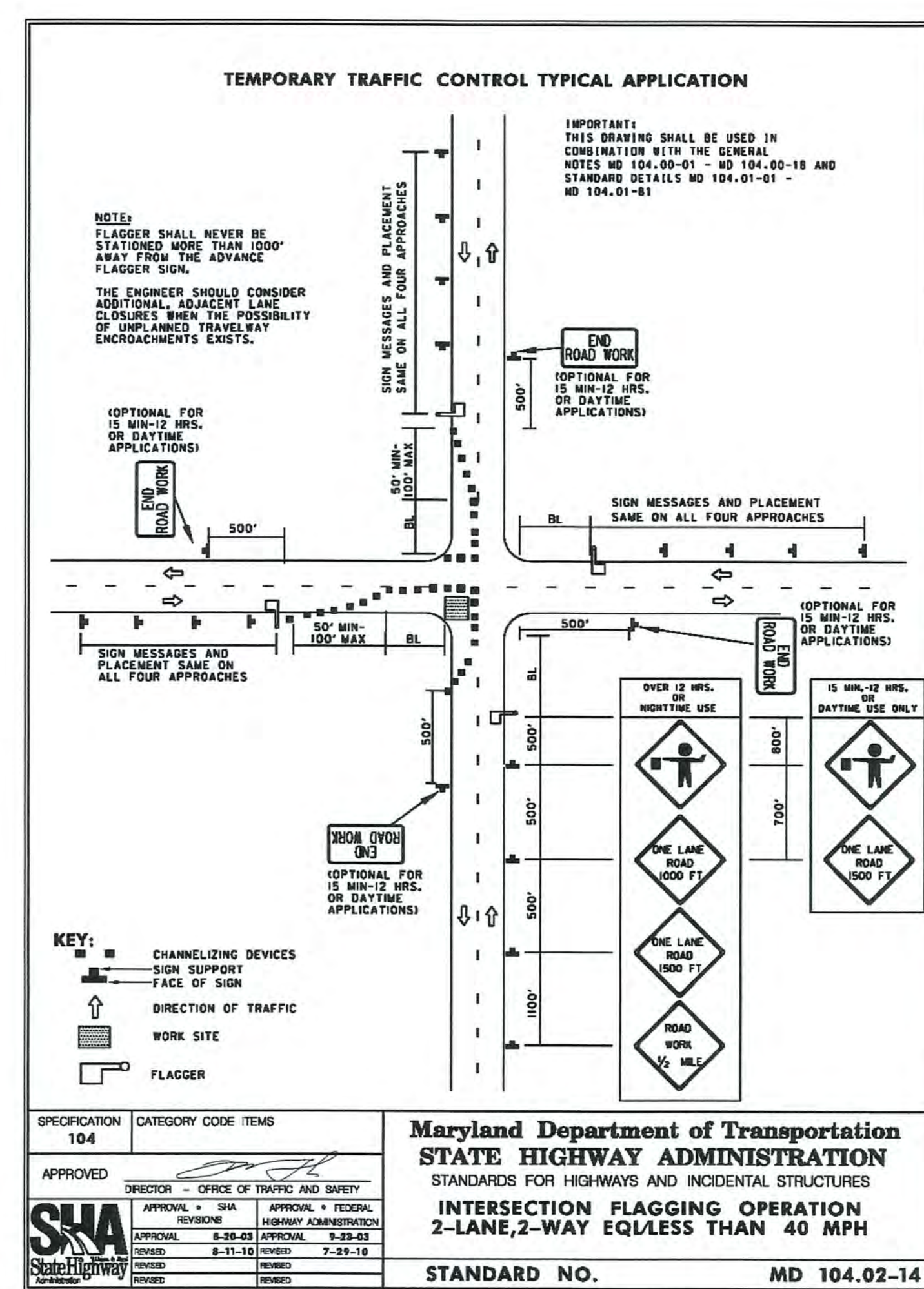
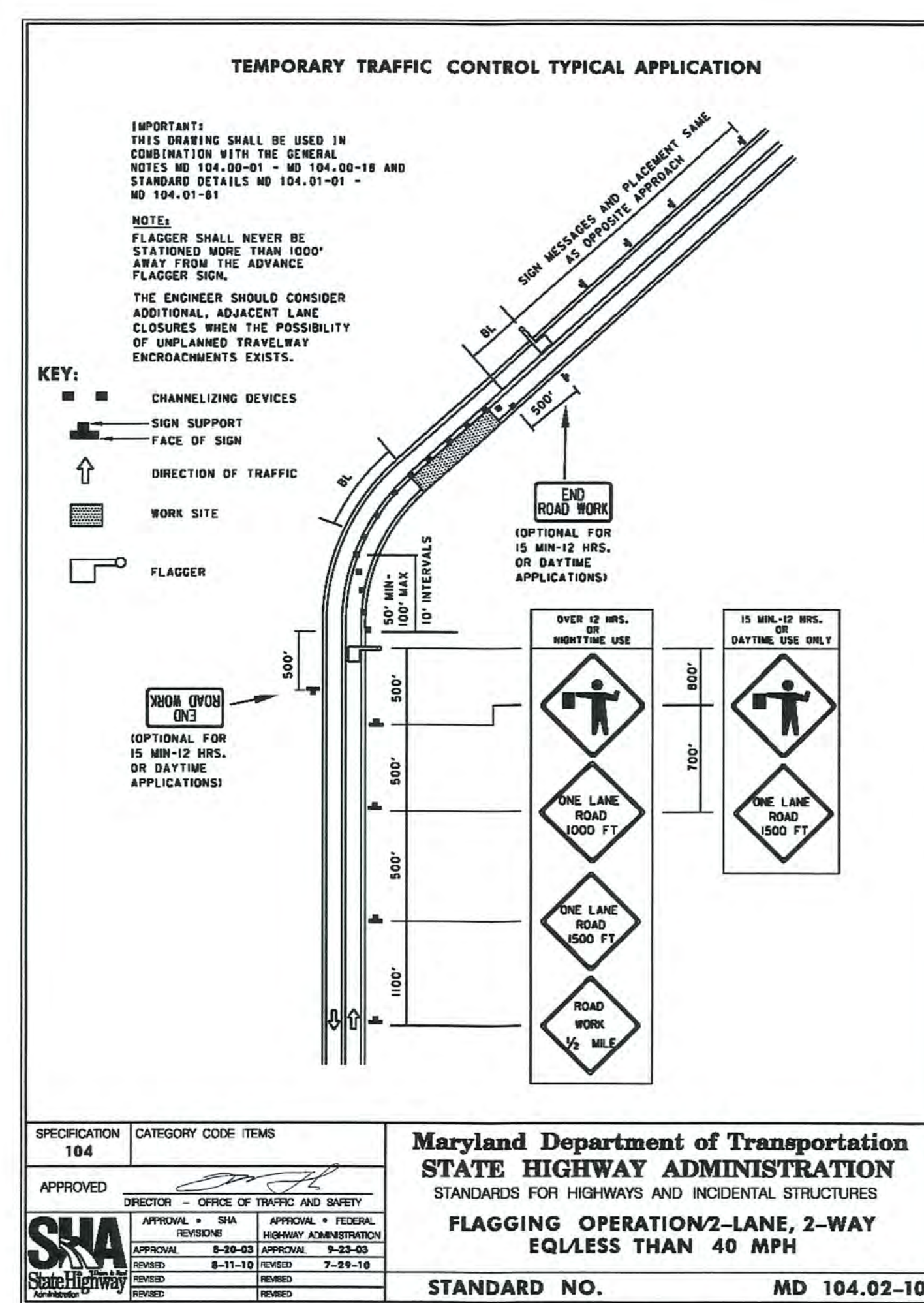
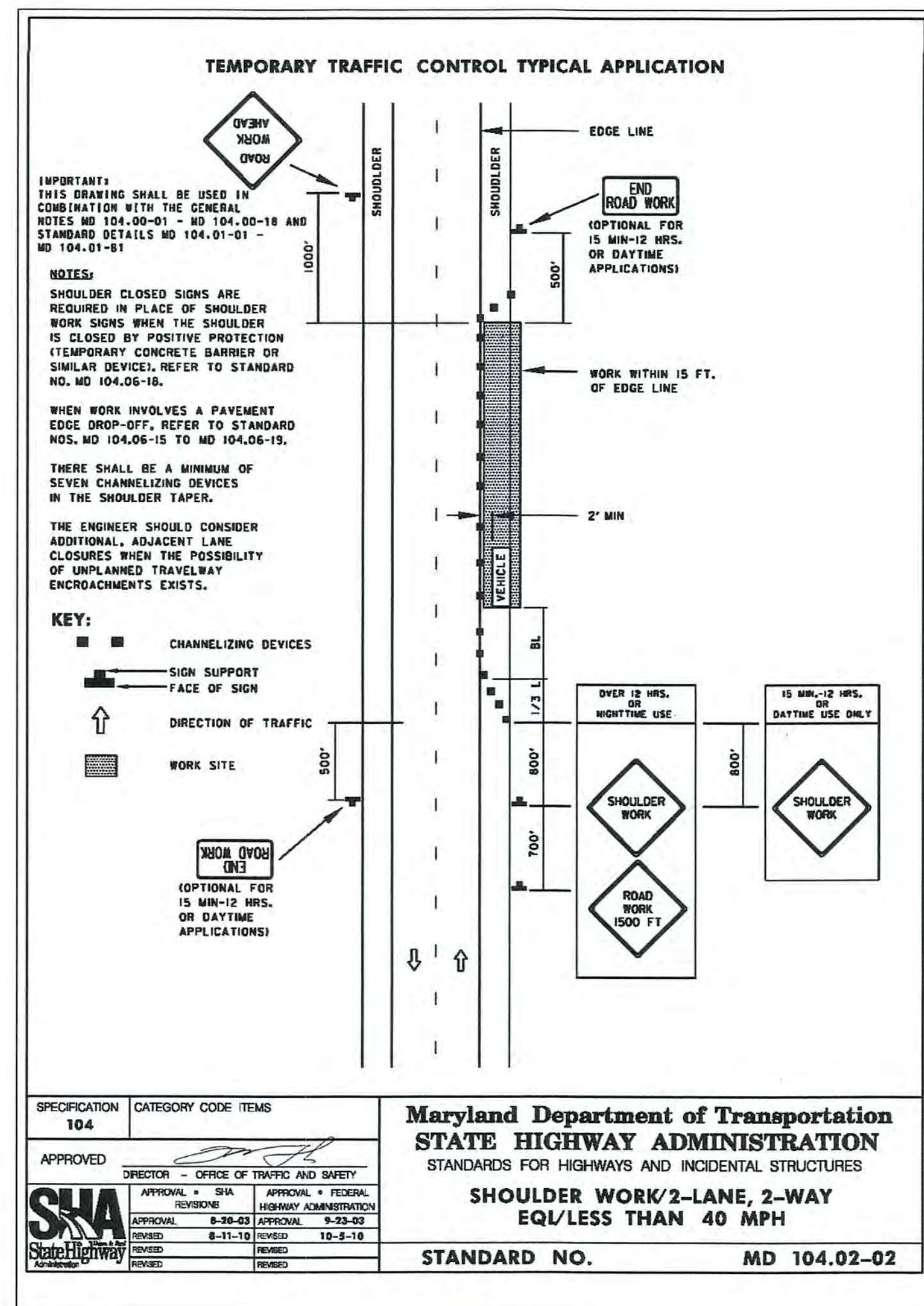
APPROVED BY:
TOWN OF EMMITSBURG

TOWN MAYOR

PLANNING COMMISSION CHAIRMAN
DATE: 2-16-21

PROJECT No. 20-31621
DRAWING NO. D-3504
DATE: SEPTEMBER 2020
DRAWN BY: JWE
CHECKED BY: JHC

SHEET 12 OF 15

- MAINTENANCE OF TRAFFIC**
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE MOT STANDARDS MD 104.00-01 THRU 104.06-27 AND THE MARYLAND MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MDMUTCD) 2011 EDITION. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR WORK THAT IS NOT PERFORMED IN ACCORDANCE WITH THE MOT STANDARDS FOR ADMINISTRATIVE APPROVAL.
 - WORK HOURS ARE SUBJECT TO COMPLIANCE WITH MOT SPECIFICATIONS. REFER TO THE CONTRACT SPECIAL PROVISIONS FOR LANE / SHOULDER CLOSURE RESTRICTIONS AND TIMES.
 - SET UP TEMPORARY TRAFFIC AND PEDESTRIAN CONTROLS PRIOR TO THE START OF NEW CONSTRUCTION. NO WORK IS TO BEGIN UNTIL ALL ADVANCE WARNING SIGNS, DRUMS AND ARROW PANELS ARE IN PLACE AND OPERATIONAL.
 - CONTRACTOR SHALL MAINTAIN A MINIMUM TRAVEL LANE WIDTH OF TEN (10) FEET.
 - CONTRACTOR IS PERMITTED TO ONE LANE CLOSURE AT A TIME AND MUST COORDINATE ALL LANE CLOSURES WITH THE TOWN OF EMMITSBURG.
 - CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ENTRANCES AND COORDINATE DRIVEWAY ACCESS WITH PROPERTY OWNERS.
 - TRAFFIC CONTROL DEVICES AND OTHER CONSTRUCTION MATERIALS SHALL NOT INTRUDE INTO THE USABLE WIDTH OF THE SIDEWALK, TEMPORARY PATHWAY OR OTHER PEDESTRIAN FACILITY.
 - CONTRACTOR SHALL MAINTAIN PEDESTRIAN TRAFFIC THROUGHOUT PROJECT LIMITS AT ALL TIMES. FOLLOW STANDARDS MD 104.06-09 B-D FOR PEDESTRIAN TRAFFIC CONTROL.
 - WHERE PEDESTRIANS ARE DIRECTED TO CROSS TO THE OPPOSITE SIDE OF THE ROADWAY, APPROPRIATE ADVANCED SIGNING SHOULD BE PLACED AT THE INTERSECTIONS. MID-BLOCK CROSSINGS ARE NOT PERMITTED.
 - ADVANCED NOTIFICATION OF SIDEWALK CLOSURES SHALL BE PROVIDED. A BARRIER THAT IS DETECTABLE BY A PERSON WITH A VISUAL DISABILITY SHALL BE PLACED ACROSS THE FULL WIDTH OF THE CLOSED SIDEWALK.



OWNER/DEVELOPER:
THE TOWN OF EMMITSBURG
300A S. SETON AVE.
EMMITSBURG, MD 21727
301-600-6300

APPROVED BY:
TOWN OF EMMITSBURG
[Signature]
TOWN MAYOR
DATE: 2-16-21
PLANNING COMMISSION CHAIRMAN
DATE: 2-12-21

FOX & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS
881 MT. AETNA ROAD
HAGERSTOWN, MD 21740
PHONE: (301) 733-6603
(301) 733-6600
FAX: (301) 733-1653
WWW.FOXASSOCIATESINC.COM E-MAIL: FOX@FOXASSOCIATESINC.COM

DRAWN BY: [Blank]
REVISION: [Blank]
DATE: [Blank]

MAINTENANCE OF TRAFFIC NOTES & DETAILS
TOWN OF EMMITSBURG
SITUATED IN THE TOWN OF EMMITSBURG
TOWN OF EMMITSBURG, ELECTION DISTRICT NO. 5
FREDERICK COUNTY, MARYLAND

SCALE: 1" = 20'
PROFESSIONAL CERTIFICATION

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.
LICENSE NO.: 20709 EXP. DATE: 7/23/22
PROJECT NO.: 20-31621
DRAWING NO.: D-3504
DATE: SEPTEMBER 2020
DRAWN BY: JWE
CHECKED BY: JHC
SHEET 13 OF 15

SEDIMENT & EROSION CONTROL NOTES

1. ALL SOIL EROSION/SEDIMENT CONTROL MEASURES SHALL COMPLY WITH THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" AND THE PROVISIONS OF THE APPROVED PLAN.
2. ALL GRADING AND STABILIZATION SHALL COMPLY WITH THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, SECTION B - GRADING AND STABILIZATION" AND THE PROVISIONS OF THE APPROVED PLAN.
3. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES (BMP'S) ARE TO BE CONSTRUCTED AND/OR INSTALLED PRIOR TO OR AT THE INITIATION OF GRADING IN ACCORDANCE WITH "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", AND THE APPROVED PLAN.
4. A GRADING UNIT IS THE MAXIMUM CONTIGUOUS AREA ALLOWED TO BE GRADED AT A GIVEN TIME AND IS LIMITED TO 20 ACRES. WORK MAY PROCEED TO A SUBSEQUENT GRADING UNIT WHEN AT LEAST 50 PERCENT OF THE DISTURBED AREA IN THE PRECEDING GRADING UNIT HAS BEEN STABILIZED AND APPROVED BY THE ENFORCEMENT AUTHORITY AND/OR THE LOCAL SOIL CONSERVATION DISTRICT (APPROVAL AUTHORITY) UNLESS OTHERWISE SPECIFIED AND APPROVED BY THE APPROVAL AUTHORITY, NO MORE THAN 30 ACRES CUMULATIVELY MAY BE DISTURBED AT A GIVEN TIME.
5. FOR INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, TEMPORARY OR PERMANENT STABILIZATION MUST BE COMPLETED WITHIN:
 - A. THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND
 - B. SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.
6. STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH THE 7 DAY STABILIZATION REQUIREMENT, AS WELL AS, STANDARD B-4-1 INCREMENTAL STABILIZATION AND STANDARD B-4-4 TEMPORARY STABILIZATION (AS APPLICABLE).
7. ALL CONSTRUCTED CHANNELS AND SWALES SHALL HAVE SPECIFIED TREATMENT INSTALLED TO THE DESIGN FLOW DEPTH COMPLETED DOWNSTREAM TO UPSTREAM AS CONSTRUCTION PROGRESSES. AN INSTALLATION DETAIL SHALL BE SHOWN ON THE PLANS.
8. ALL STORM DRAIN AND SANITARY SEWER LINES NOT IN PAVED AREAS ARE TO BE SEEDED AND MULCHED WITHIN 3 DAYS OF INITIAL BACKFILL UNLESS OTHERWISE SPECIFIED ON PLANS.
9. ELECTRIC POWER, TELEPHONE, AND GAS LINES ARE TO BE COMPACTED, SEEDED, AND MULCHED WITHIN 3 DAYS AFTER INITIAL BACKFILL UNLESS OTHERWISE SPECIFIED ON PLANS.
10. NO SLOPE SHALL BE GREATER THAN 2:1.
11. DURING CONSTRUCTION, ALL SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED AFTER EACH RAINFALL AND REPAIRED IF NECESSARY. SEDIMENT TO BE REMOVED TO A SUITABLE DISPOSAL AREA AND STABILIZED WITH PERMANENT VEGETATIVE COVER.
12. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SEDIMENT AND EROSION CONTROL MEASURES UNTIL DISTURBED AREAS ARE STABILIZED.
13. AFTER FINE GRADING, ALL DISTURBED AREAS ARE TO BE PERMANENTLY SEEDED AND MULCHED IN ACCORDANCE WITH PERMANENT SEEDING SUMMARY.
14. ALL SPOIL AND/OR BORROW MUST COME FROM AND GO TO A SITE WITH AN APPROVED EROSION AND SEDIMENT CONTROL PLAN.
15. CONTRACTOR TO ONLY OPEN UP LENGTH OF TRENCH THAT CAN BE CONSTRUCTED AND BACKFILLED IN ONE WORKING DAY IN PAVED AREAS.
16. IN AREAS WHERE THE CONSTRUCTION TAKES PLACE OUTSIDE OF THE EXISTING ROADBED, CONTRACTOR TO INSTALL SILT FENCE ALONG THE DOWNHILL SIDE OF THE TRENCH BEFORE BEGINNING CONSTRUCTION AND PLACE EXCAVATED MATERIAL FROM THE TRENCH ON THE UPHILL SIDE.
17. IF DEWATERING OF THE TRENCH IS REQUIRED, CONTRACTOR TO PUMP WATER TO A FILTER BAG TO DEWATER.
18. CONTRACTOR TO SWEEP STREETS OF ANY DEBRIS OR SEDIMENTS CAUSED BY CONSTRUCTION OPERATIONS AND DISPOSE OF AT AN APPROVED LOCATION.
19. CONTRACTOR TO STABILIZE ALL DISTURBED AREAS WITH SEED & MULCH OR APPROPRIATE STREET REPAIR.

FOR SITES 1.0 ACRE OR MORE, THE FOLLOWING ARE REQUIRED:

- A. MARYLAND DEPARTMENT OF THE ENVIRONMENT, GENERAL PERMIT FOR STORMWATER ASSOCIATED WITH A CONSTRUCTION ACTIVITY, NPDES PERMIT NUMBER MDR10, STATE DISCHARGE PERMIT NUMBER 09GP, OR AN INDIVIDUAL PERMIT.
- B. THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (GENERAL/INDIVIDUAL PERMIT-NOTICE OF INTENT-NOI) APPLICATION AND PERMIT SHALL BE POSTED AND/OR AVAILABLE ON-SITE AT ALL TIMES.
- C. DURING CONSTRUCTION, ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES (BMP'S) SHALL BE INSPECTED AND RECORDED ON THE "STANDARD INSPECTION FORM", "GENERAL PERMIT FOR STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY" PER THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (GENERAL/INDIVIDUAL PERMIT-NOTICE OF INTENT-NOI).
- D. FOLLOWING CONSTRUCTION AND RELEASE OF THE SIGHT FOR SOIL EROSION AND SEDIMENT CONTROL BY THE SEDIMENT CONTROL INSPECTOR I.E., ALL PORTIONS OF A SITE HAVE BEEN PERMANENTLY STABILIZED, AND ALL STORMWATER DISCHARGES FROM CONSTRUCTION SITES THAT ARE AUTHORIZED BY THE PERMIT ARE ELIMINATED, THE AUTHORIZED PERMITTEE SHALL SUBMIT THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, GENERAL/INDIVIDUAL PERMIT-NOTICE OF TERMINATION (NOT).

TEMPORARY SEEDING NOTES

GENERAL

1. SCOPE: PLANTING SHORT TERM VEGETATION TO STABILIZE CLEARED OR GRADED AREAS SUBJECT TO EROSION FOR A PERIOD OF 7 DAYS OR MORE.
2. STANDARDS: TEMPORARY SEEDING SHALL CONFORM TO ALL REQUIREMENTS OF "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" PUBLISHED JOINTLY BY WATER MANAGEMENT ADMINISTRATION, SOIL CONSERVATION SERVICE AND STATE SOIL CONSERVATION COMMITTEE.
3. SEDIMENT EROSION CONTROL: ALL PERIMETER CONTROLS MUST BE STABILIZED IN 3 DAYS; ALL INTERIOR CONTROLS MUST BE STABILIZED IN 7 DAYS.

SPECIFICATIONS

1. SITE PREPARATION
 - A. PRIOR TO SEEDING, INSTALL ALL REQUIRED SEDIMENT EROSION CONTROL MEASURES.
 - B. FINAL GRADING NOT REQUIRED FOR TEMPORARY SEEDING.
2. SOIL AMENDMENTS
 - A. FERTILIZER SHALL BE APPLIED AT A RATE OF 600 LBS/ACRE USING 10-10-10 OR EQUIVALENT.
 - B. ACID SOILS SHALL BE LIME.
3. SEED PREPARATION
 - A. SOIL SHALL BE LOOSENEED TO A DEPTH OF 3-INCHES BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS PRIOR TO SEEDING.
4. SEEDING
 - A. SELECT A MIXTURE FROM TABLE B.1 IN THE STANDARD SPECIFICATIONS.
 - B. APPLY SEED UNIFORMLY WITH A CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER OR HYDROSEEDER.
5. MULCHING
 - A. MULCH SHALL BE APPLIED IMMEDIATELY AFTER SEEDING. MULCH MATERIALS AND APPLICATIONS SHALL CONFORM TO THE STANDARD SPECIFICATIONS.

NOTE: ALL AREAS TO BE ROUGH GRADED AND/OR GRADED ONLY ARE TO BE STABILIZED BY TEMPORARY SEEDING AND MULCHING WITHIN 7 DAYS AFTER GRADING IS COMPLETE, IF PERMANENT SEEDING CANNOT BE PERFORMED AT THAT TIME. THESE AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING AT THE BEGINNING OF THE NEXT GROWING SEASON.

TEMPORARY SEEDING SUMMARY

SEED MIXTURE (HARDINESS ZONE 6B) FROM TABLE B.1					FERTILIZER RATE (10-10-10)	LIME RATE
No.	SPECIES	APPLICATION RATE (LB/AC)	SEEDING DATES	SEEDING DEPTHS		
1	★ BARLEY	95 (2.2 LBS/1000 S.F.)	3/15 - 5/01 8/1 - 9/30	1"	436 LBS./AC. (10 LBS/1000 S.F.)	2 TONS/AC. (90 LBS/1000 S.F.)

★ OR LIKE SPECIES WITH APPROVAL FROM FREDERICK & CATOCTIN S.C.D.

PERMANENT SEEDING & SOD NOTES

GENERAL

1. SCOPE: PLANTING PERMANENT, LONG-LIVED VEGETATIVE COVER ON GRADED OR CLEARED AREAS.
2. STANDARDS: PERMANENT SEEDING SHALL CONFORM TO ALL REQUIREMENTS OF "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" PUBLISHED JOINTLY BY WATER MANAGEMENT ADMINISTRATION, SOIL CONSERVATION SERVICE AND STATE SOIL CONSERVATION COMMITTEE.

SPECIFICATIONS

1. SITE PREPARATION
 - A. PRIOR TO SEEDING, INSTALL ALL REQUIRED SEDIMENT EROSION CONTROL MEASURES.
 - B. FINAL GRADING REQUIRED FOR PERMANENT SEEDING.
2. SOIL AMENDMENTS
 - A. FERTILIZER SHALL BE APPLIED AT A RATE OF 600 LBS/ACRE USING 10-10-10 OR EQUIVALENT.
3. SEEDBED PREPARATION
 - A. SOIL SHALL BE LOOSENEED TO A DEPTH OF 3-INCHES BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS PRIOR TO SEEDING.
4. SEEDING
 - A. SELECT A MIXTURE FROM TABLE B.2 & B.3 IN THE STANDARD SPECIFICATIONS.
 - B. APPLY SEED UNIFORMLY WITH A CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER OR HYDROSEEDER (SLURRY INCLUDES SEED AND FERTILIZER ON A FIRM, MOIST SEEDBED). MAXIMUM SEEDING DEPTH SHOULD BE ¼ INCH ON CLAYEY SOILS AND ½ INCH ON SANDY SOILS. WHEN USING OTHER THAN HYDROSEEDER METHOD OF APPLICATION, NOTE: IF HYDROSEEDING IS USED AND SEED AND FERTILIZER IS MIXED, THEY WILL BE MIXED ON SITE AND THE SEEDING SHALL BE IMMEDIATE WITHOUT INTERRUPTION.

PERMANENT STABILIZATION WITH SOD

1. ALL SPECIFICATIONS, SITE PREPARATION, INSTALLATION AND MAINTENANCE OF SOD FOR PERMANENT, LONG-LIVED VEGETATIVE COVER SHALL CONFORM TO SECTION B OF THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" PUBLISHED JOINTLY BY WATER MANAGEMENT ADMINISTRATION, SOIL CONSERVATION SERVICE AND STATE SOIL CONSERVATION COMMITTEE.

NOTE: ALL AREAS TO BE ROUGH GRADED AND/OR GRADED ONLY ARE TO BE STABILIZED BY PERMANENT SEEDING AND MULCHING WITHIN 7 DAYS AFTER GRADING IS COMPLETE (SEE TEMPORARY SEEDING NOTES)

PERMANENT SEEDING SUMMARY

SEED MIXTURE (HARDINESS ZONE 6B) FROM TABLE B.3					FERTILIZER RATE (10-20-20)			LIME RATE
No.	SPECIES	APPLICATION RATE (LB/AC)	SEEDING DATES	SEEDING DEPTHS	N	P205	K20	
9	TALL FESCUE KENTUCKY BLUEGRASS PERENNIAL RYEGRASS	60 40 20	3/1 - 5/15 8/1 - 10/15	1/4" - 1/2"	45 LB/AC (1.0 LB/1000 S.F.)	90 LB/AC (2 LB/1000 S.F.)	90 LB/AC (2 LB/1000 S.F.)	2 TONS/AC (90 LB/1000 S.F.)

SAME DAY STABILIZATION NOTE

WHEN CONSTRUCTING SIDEWALK AND SIDEWALK RAMP IMPROVEMENTS, ALL DISTURBED AREAS SHALL BE STABILIZED AT THE END OF EACH DAY USING TEMPORARY STONE STABILIZATION PRACTICES FOR THIS PROJECT. WHEN SAME DAY STABILIZATION CANNOT BE PROVIDED, INLET PROTECTION IS TO BE PROVIDED DOWNSTREAM OF RAMP IMPROVEMENTS AND 8" FILTER LOG IS TO BE PROVIDED ON THE PERIMETER OF THE LOD.

SEDIMENT CONTROL / STORMWATER MANAGEMENT REQUIRED INSPECTIONS		
TYPE OF INSPECTION	DEVELOPER ENGINEER APPROVAL/DATE	EEA INSPECTION/ DATE
1) PRECONSTRUCTION MEETINGS		
2) COMPLETION OF SEDIMENT CONTROL MEASURES (IF USING BASIN SEE # 6 BELOW)		
3) PRIOR TO MODIFICATION OR REMOVAL OF SED. CNTRL.		
4) INFILTRATION SYSTEMS A. SITE READINESS PER SEQUENCE OF CONSTRUCTION B. INFILTRATION AREA PROTECTED FROM SEDIMENTATION C. DIMENSIONS D. FILTERING MATERIAL (TYPE/DEPTH) E. FILL MATERIAL F. SIZE, PLACEMENT, TYPE OF PIPING (IF APPLICABLE) G. OBSERVATION WELL H. COVER / STABILIZATION		
5) OPEN CHANNEL FLOW ATTENUATION A. SITE READINESS PER SEQUENCE OF CONSTRUCTION B. CROSS SECTION CONFORMANCE C. MATERIAL (TYPE/SIZE) D. STABILIZATION		
6) RETENTION / DETENTION STRUCTURES (BASIN/PONDS) A. SUBGRADE PREPARATION 1. CORE TRENCH 2. SUITABLE FILL 3. COMPACTION B. EMBANKMENT CONSTRUCTION 1. SUITABLE MATERIAL 2. SLOPE GRADE C. BARREL AND RISER ASSEMBLY 1. CORRECT MATERIAL ON-SITE 2. SIZING 3. ANTI-SLEEP COLLARS D. INSTALLATION / BACKFILL 1. FOOTER EXCAVATION AND SIZE 2. REINFORCING MATERIAL (TYPE, SIZE, PLACEMENT) 3. WEIR POUR 4. FORM STRIP AND FINISHING E. IMPOUNDING AREA 1. LOW FLOW CHANNELS 2. DEWATERING DEVICE 3. EMERGENCY SPILLWAY F. OUTFALL AREA (LEVEL, SPREADER, REPAIR CHANNEL, ETC.) G. VEGETATION STABILIZATION H. MISCELLANEOUS		
YOU MUST NOTIFY FREDERICK COUNTY ENVIRONMENTAL COMPLIANCE SECTION AT (301) 600-3507 BEFORE 9:00 AM 24 HOURS PRIOR TO THE REQUIRED INSPECTION. FAILURE TO NOTIFY THE AGENCY WILL RESULT IN A STOP WORK ORDER OR OTHER PENALTIES AS OUTLINED IN FREDERICK COUNTY CODES.		
THIS LIST IS FOR SEQUENCE OF CONSTRUCTION ONLY. THE AGENCY ASSUMES NO RESPONSIBILITY OR LIABILITY FOR IMPROPER INSTALLATION OF ANY ITEM ON THIS CHECKLIST. THE AGENCY RECOMMENDS THAT A PROFESSIONAL ENGINEER BE PRESENT FOR EACH EACH OF THE REQUIRED INSPECTIONS.		

SEQUENCE OF CONSTRUCTION

1. OBTAIN ALL REQUIRED PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
2. PRIOR TO THE PRE-CONSTRUCTION MEETING, THE CONTRACTOR SHALL SUBMIT AN INSTALLATION PHASING PLAN TO THE TOWN FOR APPROVAL. THE WORK SHALL BE ACCOMPLISHED IN MULTIPLE PHASES TO MINIMIZE IMPACTS TO RESIDENTS AND TO MAINTAIN ADEQUATE FIRE PROTECTION AND RESIDENT ACCESS.
3. CONTACT FREDERICK COUNTY ENVIRONMENTAL COMPLIANCE SECTION TO SET UP A PRE-CONSTRUCTION MEETING WITH THE SEDIMENT AND EROSION CONTROL INSPECTOR AT (301)-600-3507, 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. ADDITIONAL SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS A RESULT OF THE PRE-CONSTRUCTION MEETING.
4. CONSTRUCT SIDEWALK AND SIDEWALK RAMP IMPROVEMENTS.
5. PROVIDE SAME DAY STABILIZATION FOR DISTURBED AREAS OR INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES. (SEE SAME DAY STABILIZATION NOTE)

7. ALL WASTE MATERIAL THAT IS NOT NEEDED MUST BE REMOVED FROM THE SITE DAILY AND DELIVERED TO A SITE WITH AN APPROVED SEDIMENT & EROSION CONTROL PLAN.

8. UPON COMPLETION OF IMPROVEMENTS, WITH THE PERMISSION OF THE SEDIMENT AND EROSION CONTROL INSPECTOR, STABILIZE ANY REMAINING DISTURBED AREAS.

FOR UTILITY WORK ONLY OR OFF-SITE UTILITY WORK

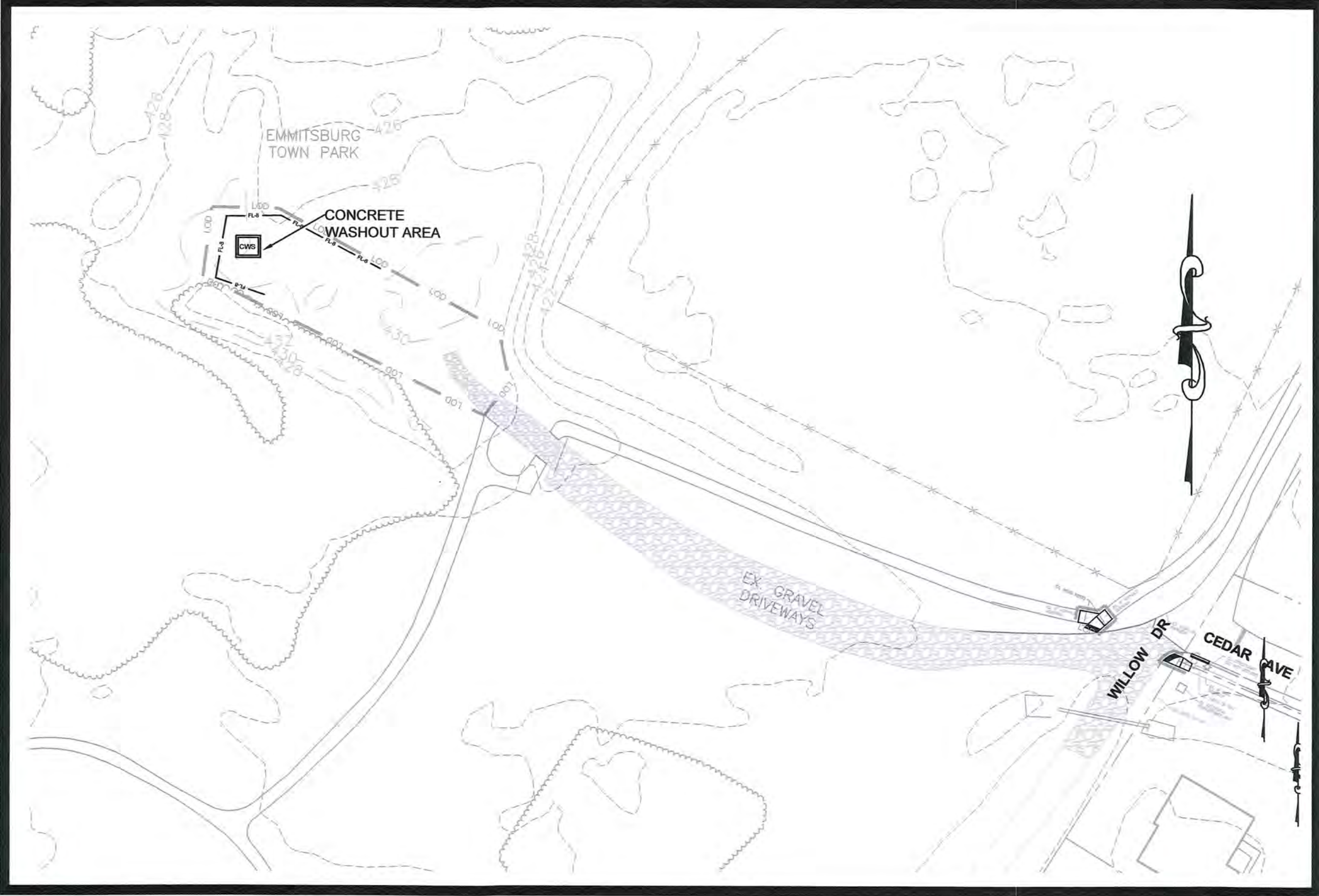
1. DISTURBANCE OUTSIDE OF LIMIT OF DISTURBED AREA CAN NOT EXCEED 5,000 SQUARE FEET.
2. PLACE ALL EXCAVATED MATERIAL ON HIGH SIDE OF TRENCH.
3. ONLY DO AS MUCH WORK AS CAN BE DONE IN ONE DAY SO BACKFILLING, FINAL GRADING, SEEDING AND MULCHING CAN OCCUR.
4. ANY SEDIMENT CONTROL MEASURES DISTURBED BY CONSTRUCTION WILL BE REPAIRED THE SAME DAY.

SECONDARY UTILITY NOTES

1. ALL DISTURBANCES FROM SECONDARY UTILITIES SUCH AS PHONE, CABLE, ELECTRIC CABLE, CABLE TV, ETC. WILL BE SUBCONTRACTORS RESPONSIBILITY TO BRING WORK AREA BACK TO GRADE LEVEL THAT WAS EXISTING AND SEED AND MULCH ANY DISTURBANCE FROM INSTALLATION OF LINES OR CONDUIT.
2. SUBCONTRACTORS WILL BE RESPONSIBLE FOR RE-INSTALLING OR REPAIRING ANY SILT FENCE OR SEDIMENT CONTROLS THAT WERE EXISTING TO MAINTAIN PROPER SEDIMENT CONTROL THAT MIGHT HAVE BEEN DAMAGED.

STOCKPILE NOTES

1. NO STOCKPILING ALLOWED ON ASPHALT.
2. ALL STOCKPILES LEFT AT THE END OF EACH WEEK NEED TO BE STABILIZED UNTIL THE NEXT REDISTURBANCE.



OWNER/DEVELOPER:
THE TOWN OF EMMITSBURG
300A S. SETON AVE.
EMMITSBURG, MD 21727
301-600-6300

SCALE: AS NOTED

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.

LICENSE No.: 30709 EXP. DATE: 7/23/22

PROJECT NO. 20-31621
DRAWING NO. D - 3504
DATE: SEPTEMBER 2020
DRAWN BY: JWE
CHECKED BY: JHC

FREDERICK SOIL CONSERVATION DISTRICT
SOIL EROSION AND SEDIMENT CONTROL PLAN APPROVAL

By: *[Signature]*
Date: 2/5/21

SOD APPROVAL FOR SEDIMENT AND EROSION CONTROL IS CONTINGENT UPON ISSUANCE OF ALL APPLICABLE REGULATORY PERMITS.
(PLAN IS VALID FOR TWO YEARS FROM DATE OF APPROVAL)

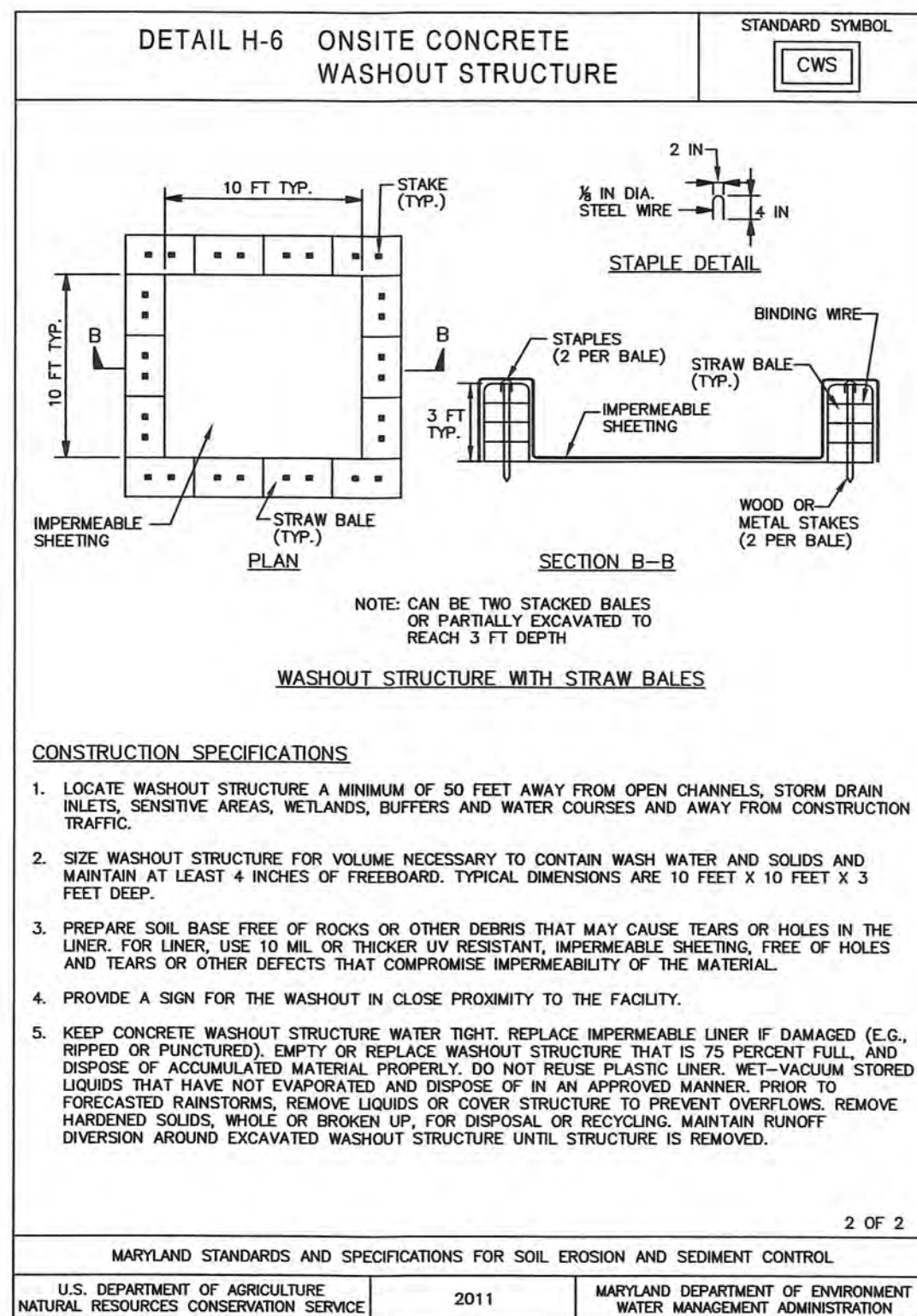
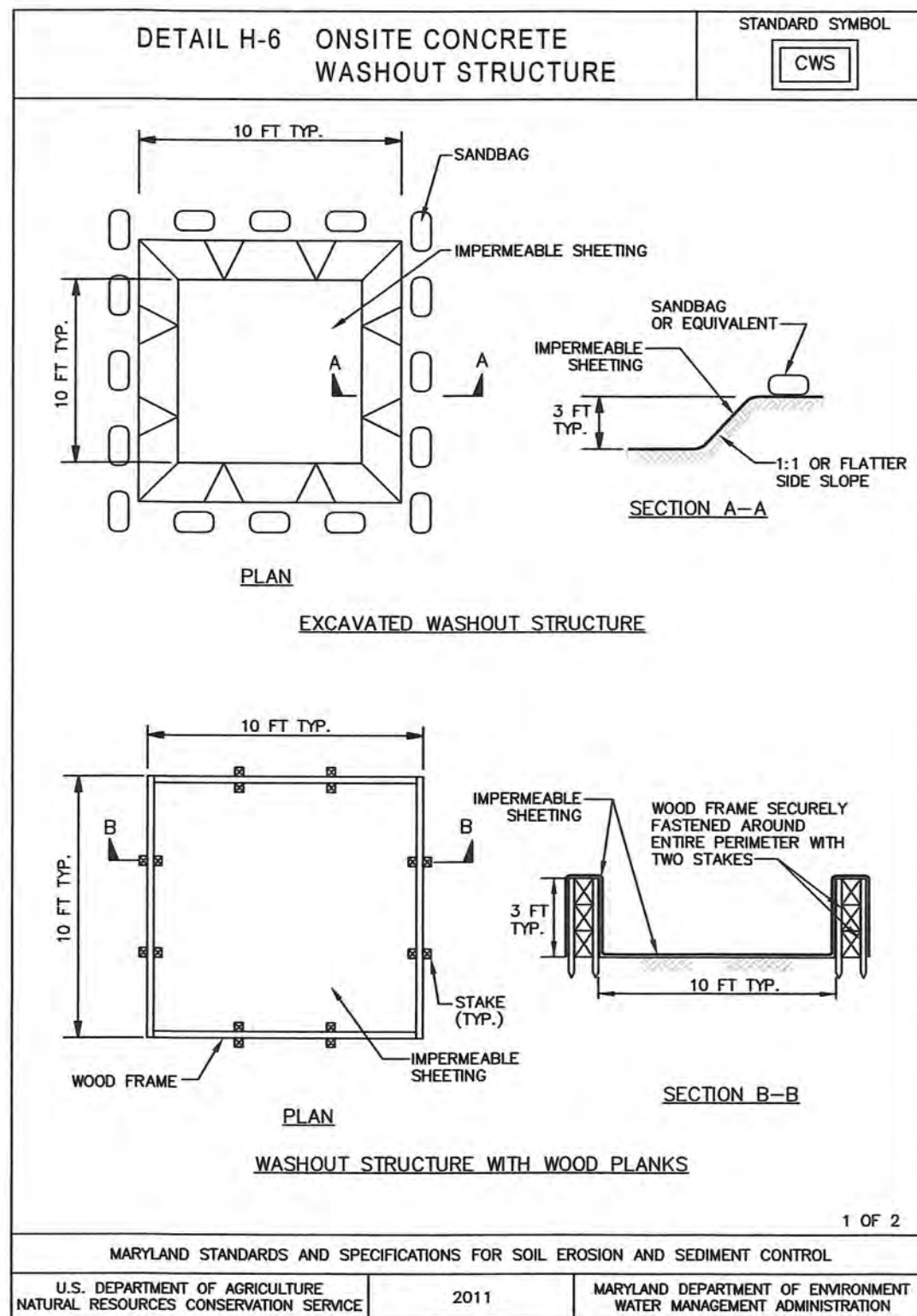
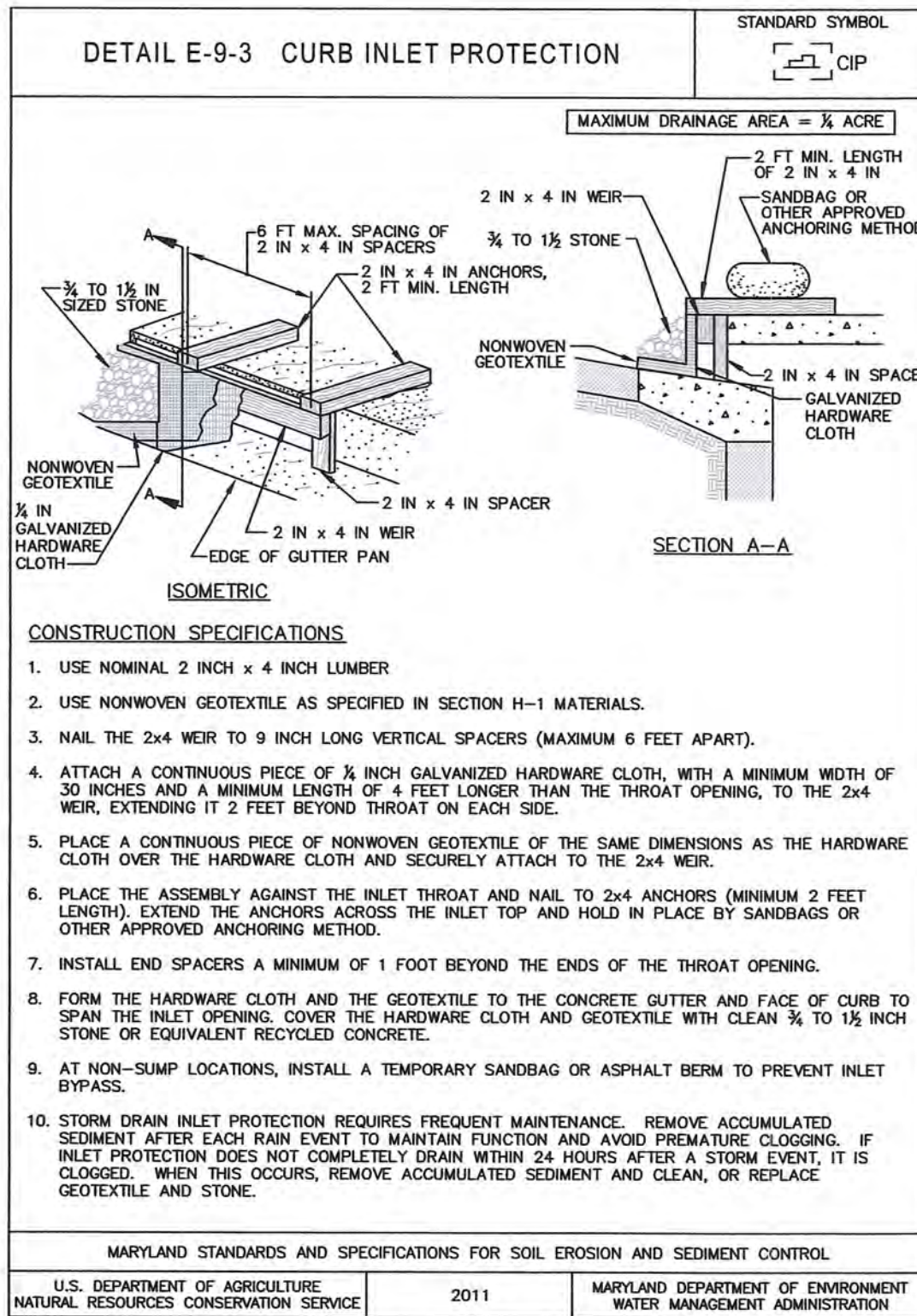
APPROVED BY:
TOWN OF EMMITSBURG

[Signature] 2-16-21
TOWN MAYOR DATE

[Signature] 2-17-21
PLANNING COMMISSION CHAIRMAN DATE



OWNER/DEVELOPER:
THE TOWN OF EMMITSBURG
300A S. SETON AVE.
EMMITSBURG, MD 21727
301-600-6300



ENGINEERS • SURVEYORS • PLANNERS

981 MT. AETNA ROAD
82 WORMANS MILL COURT

HAGERSTOWN, MD. 21740 SUITE 'G'
PHONE: (301)733-8503
FREDERICK, MD. 21701

or (301)416-7250
FAX:(301)733-1853
PHONE: (301)695-0880
FAX: (301)293-6009

WWW.EQVASSOCIATESINC.COM E-mail: EQVEDIRECT@EQVASSOCIATESINC.COM

DRAWN BY

REVISION

DATE _____

FREDERICK COUNTY, MARYLAND

SITUATED IN THE TOWN OF EMMITSBURG
TOWN OF EMMITSBURG, ELECTION DISTRICT NO. 5
FREDERICK COUNTY, MARYLAND

SITUATED IN THE TOWN OF EMMITSBURG
TOWN OF EMMITSBURG, ELECTION DISTRICT NO. 5
FREDERICK COUNTY, MARYLAND

SEDIMENT & EROSION CONTROL NOTES AND DETAILS

TOWN OF EMMITSBURG

SCALE: AS NOTED

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.

LICENSE No.: 30709 EXP. DATE: 7/23/22

PROJECT NO. 20-31621
DRAWING NO. D - 3504
DATE: SEPTEMBER 2020
DRAWN BY: JWE
CHECKED BY: JHC

SHEET 15 OF 15

ENGINEER DESIGN CERTIFICATION

I HEREBY CERTIFY THIS PLAN FOR SOIL EROSION AND SEDIMENT CONTROL HAS BEEN DESIGNED IN ACCORDANCE WITH LOCAL ORDINANCES, COMAR 26.17.01, 26.17.02 AND THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

JOSEPH H. CECI

REG. NO. 3070

APPROVED BY:
TOWN OF EMMITSBURG

FREDERICK SOIL CONSERVATION DISTRICT
SOIL EROSION AND SEDIMENT CONTROL PLAN APPROVAL

By: Dennis Lenzburg
Date: 2/5/91

SCD APPROVAL FOR SEDIMENT AND EROSION CONTROL IS CONTINGENT UPON ISSUANCE OF APPLICABLE REGULATORY PERMITS.
(PLAN IS VALID FOR TWO YEARS FROM DATE OF APPROVAL)

APPROVED BY
TOWN OF EM

TOWN MAYOR DATE

PLANNING COMMISSION CHAIRMAN