



Standard Construction Drawings

City of Moraine

Community Development

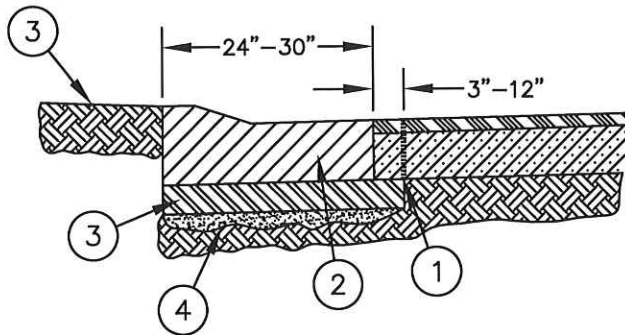
Engineering Division

March 1, 2022

Alisha Burcham, PE, City Engineer

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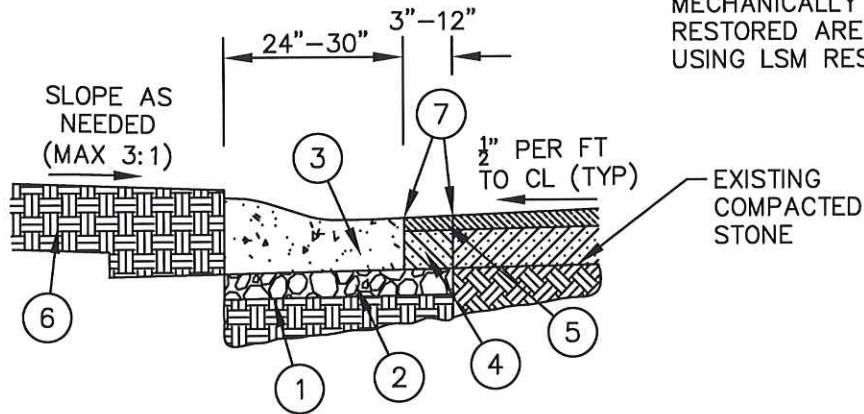


TYPICAL DEMOLITION DETAIL
NTS

DEMOLITION LEGEND

- ① SAW CUT EXISTING PAVEMENT (FULL DEPTH) 3"-12" IN FRONT OF CONCRETE CURB.*
- ② ITEM M202 - CURB AND GUTTER REMOVED
- ③ ITEM 203 - EXCAVATION
- ④ ITEM M203 - UNDERCUTTING, AS DIRECTED BY ENGINEER

*SAW CUT WIDTH SHALL ALLOW SPACE REQUIRED TO FORM, BACKFILL, AND MECHANICALLY COMPACT RESTORED AREA IF NOT USING LSM RESTORATION



TYPICAL IMPROVEMENT DETAIL
NTS

IMPROVEMENT LEGEND

- ① ITEM 204 - SUBGRADE COMPACTION
- ② ITEM 304 - AGGREGATE BASE, 4" MIN
- ③ ITEM M609 - CURB, MATCH EXISTING TYPE
- ④ ITEM 613 - LOW STRENGTH MORTAR BACKFILL 100 PSI, 2" BELOW SURFACE
- ⑤ ITEM M441 - TYPE I ASPHALT CONCRETE SURFACE COURSE (448), MEDIUM TRAFFIC, PG64-22, 2" THICK, PLACED IN 2 LIFTS, OR AS SPECIFIED BY ENGINEER
- ⑥ ITEM 653 - TOPSOIL FURNISHED AND PLACED TO 1" ABOVE CURB
ITEM M659 - SEEDING AND MULCHING
- ⑦ SEAL ALL VERTICAL FACES PER ODOT 401.14 AND SURFACE JOINTS WITH 4" AC RIBBON



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ENGINEERING DEPARTMENT
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MORAINES, OH 45439
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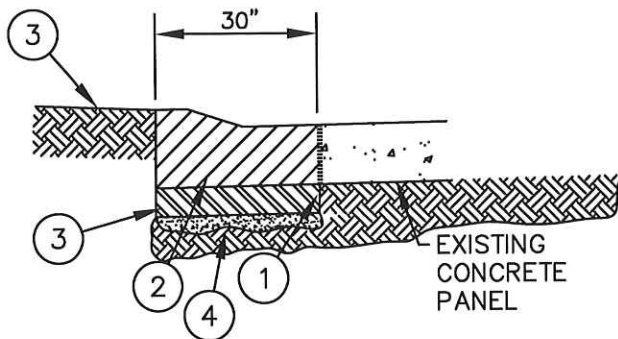
M202 & M609
CURB
REPLACEMENT ON
ASPHALT ROADWAY

Approval:
Alisha Burcham
Alisha Burcham
City Engineer

Date: Jan. 2020

Scale:
None

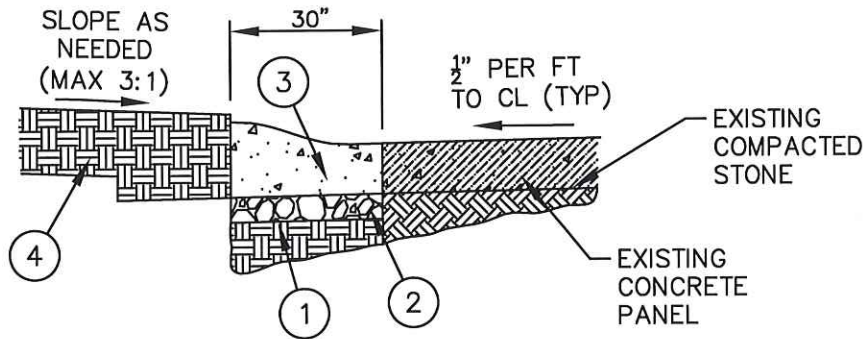
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1 of 1



TYPICAL DEMOLITION DETAIL
NTS

DEMOLITION LEGEND

- ① SAW CUT EXISTING PAVEMENT (FULL DEPTH)
- ② ITEM M202 – CURB AND GUTTER REMOVED, ISOLATED
- ③ ITEM 203 – EXCAVATION
- ④ ITEM M203 – UNDERCUTTING, AS REQUIRED



TYPICAL IMPROVEMENT DETAIL
NTS

IMPROVEMENT LEGEND

- ① ITEM 204 – SUBGRADE COMPACTION
- ② ITEM 304 – AGGREGATE BASE, 4" MIN
- ③ ITEM M609 – CURBING, MATCH EXISTING TYPE
- ④ ITEM 653 – TOPSOIL FURNISHED AND PLACED TO 1" ABOVE CURB
ITEM M659 – SEEDING AND MULCHING



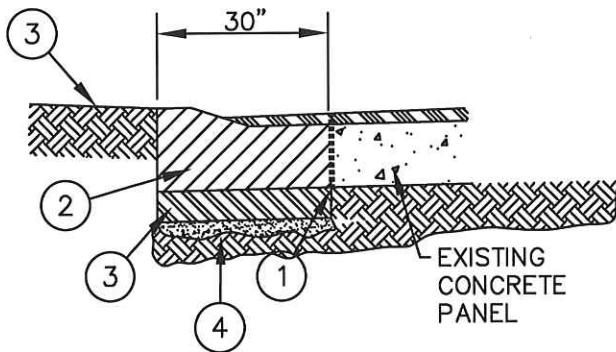
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M202 & M609 CURB
REPLACEMENT ON
EXISTING EXPOSED
CONCRETE ROADWAY

Approval:
Alisha Burcham
Alisha Burcham
City Engineer

Date: Jan. 2020

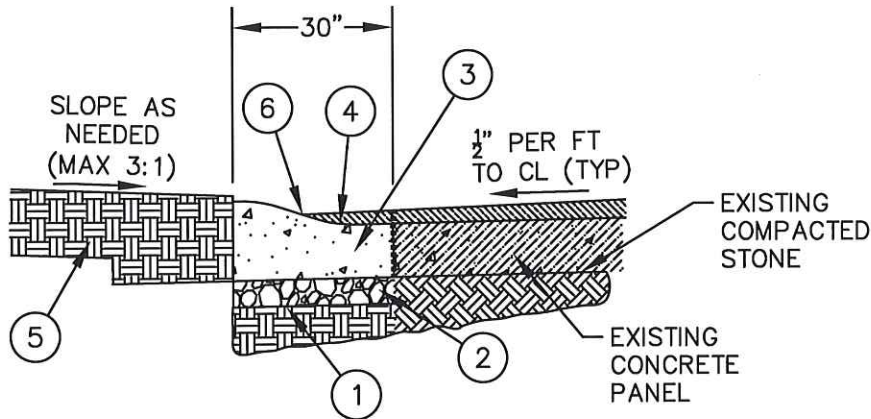
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TYPICAL DEMOLITION DETAIL
NTS

DEMOLITION LEGEND

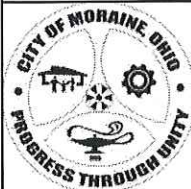
- ① SAW CUT EXISTING PAVEMENT (FULL DEPTH)
- ② ITEM M202 - CURB AND GUTTER REMOVED
- ③ ITEM 203 - EXCAVATION
- ④ ITEM M203 - UNDERCUTTING, AS DIRECTED BY ENGINEER



TYPICAL IMPROVEMENT DETAIL
NTS

IMPROVEMENT LEGEND

- ① ITEM 204 - SUBGRADE COMPACTION
- ② ITEM 304 - AGGREGATE BASE, 4" MIN
- ③ ITEM M609 - CURBING, MATCH EXISTING TYPE
- ④ ITEM M441 - TYPE 1 ASPHALT CONCRETE SURFACE COURSE (448), MEDIUM TRAFFIC PG64-22, 2" THICK PLACED IN 2 LIFTS OR AS SPECIFIED BY ENGINEER
- ⑤ ITEM 653 - TOPSOIL FURNISHED AND PLACED TO 1" ABOVE CURB
ITEM M659 - SEEDING AND MULCHING
- ⑥ SEAL ALL VERTICAL FACES AND GUTTER TO BE COVERED PER ODOT 401.14 AND SURFACE JOINTS WITH 4" AC RIBBON



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M202 & M609 CURB
REPLACEMENT ON
EXISTING ASPHALT
ON CONCRETE BASE
ROADWAY

Approval:
Alisha Burcham
Alisha Burcham
City Engineer

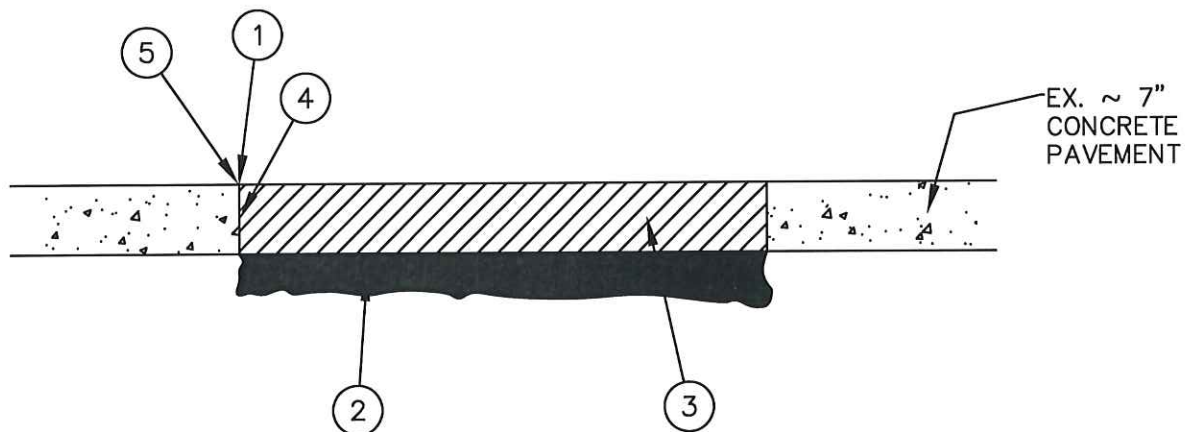
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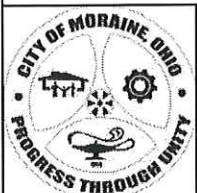
NOTES:

1. SAW CUT & REMOVE EXISTING PAVEMENT AS MARKED.
2. REMOVE EXISTING PAVEMENT AND EXCAVATE TO A TOTAL OF 12" DEPTH.
3. DO NOT DISTURB OR UNDERMINE ADJACENT PAVEMENT.
4. 24" MINIMUM WIDTH.



IMPROVEMENT LEGEND

- ① ITEM M202 – REMOVE EXISTING CONCRETE PAVEMENT
ITEM 202 – SAW CUT FULL DEPTH, AS DIRECTED BY ENGINEER
ITEM 203 – EXCAVATION
- ② ITEM 204 – SUBGRADE COMPACTION
ITEM 304 – AGGREGATE BASE, 4" MIN
- ③ ITEM 301 – 8" ASPHALT CONCRETE BASE, COMPACTED IN LIFTS, TO FLUSH WITH ADJACENT PAVEMENT
- ④ SEAL ALL VERTICAL FACES PER ODOT 401.14
- ⑤ ITEM M423 – CRACK SEALING, TYPE II, 4" RIBBON



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M252
FULL DEPTH RIGID
PAVEMENT REMOVAL
& FLEXIBLE
REPLACEMENT

Approval:
Alisha Burcham
Alisha Burcham
City Engineer

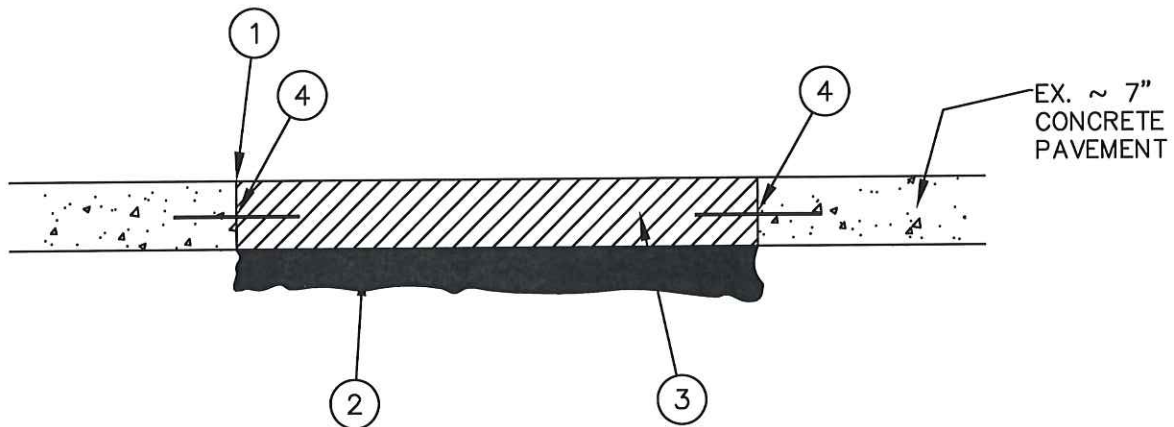
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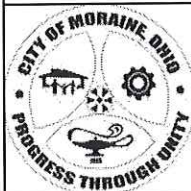
NOTES:

1. SAW CUT & REMOVE EXISTING PAVEMENT AS MARKED.
2. REMOVE EXISTING PAVEMENT AND EXCAVATE TO A TOTAL OF 12" DEPTH, OR 2" BELOW CONCRETE PAVEMENT, WHICHEVER IS GREATER.
3. DO NOT DISTURB OR UNDERMINE ADJACENT PAVEMENT.
4. PAVEMENT IS TO BE SAW CUT AT EXISTING PAVEMENT JOINTS.



IMPROVEMENT LEGEND

- ① ITEM M202 – REMOVE EXISTING CONCRETE PAVEMENT
ITEM 202 – SAW CUT FULL DEPTH, AS DIRECTED BY ENGINEER
ITEM 203 – EXCAVATION
- ② ITEM 204 – SUBGRADE COMPACTION
ITEM 304 – AGGREGATE BASE, 4" MIN
- ③ ITEM M452 – NON-REINFORCED CONCRETE, 8" MINIMUM OR MATCH EXISTING, WHICHEVER IS GREATER
- ④ 1" DOWEL EPOXY COATED SMOOTH, 18" CENTER TO CENTER, SECURED INTO EXISTING PAVEMENT WITH NON-SHRINK GROUT OR EPOXY CEMENT



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M252
FULL DEPTH RIGID
PAVEMENT REMOVAL
& RIGID
REPLACEMENT

Approval:
Alisha Burcham
Alisha Burcham
City Engineer

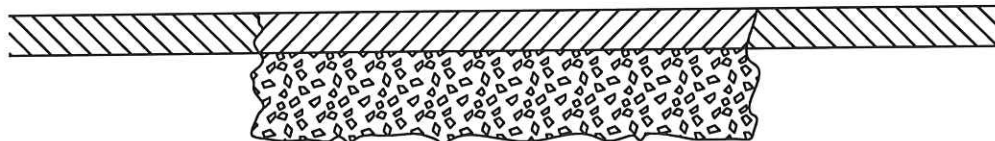
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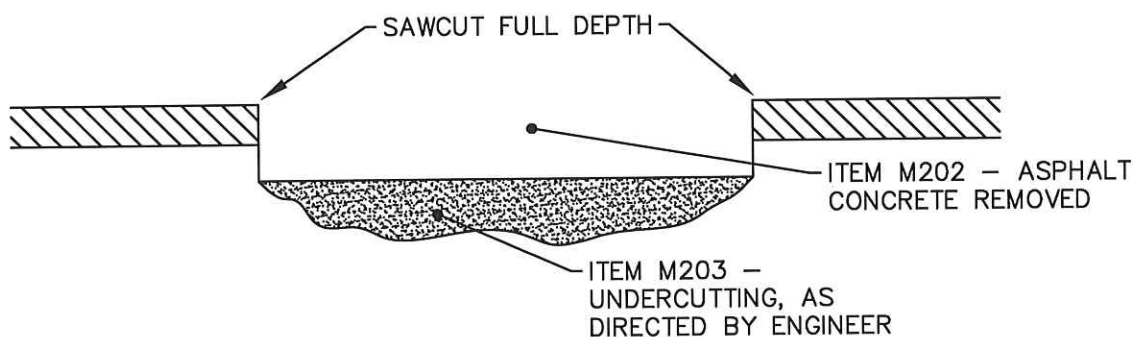
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1. SECTION OF DETERIORATING SURFACE PROBLEMS, ALLIGATORING & OTHER SURFACE PROBLEMS.

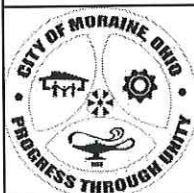
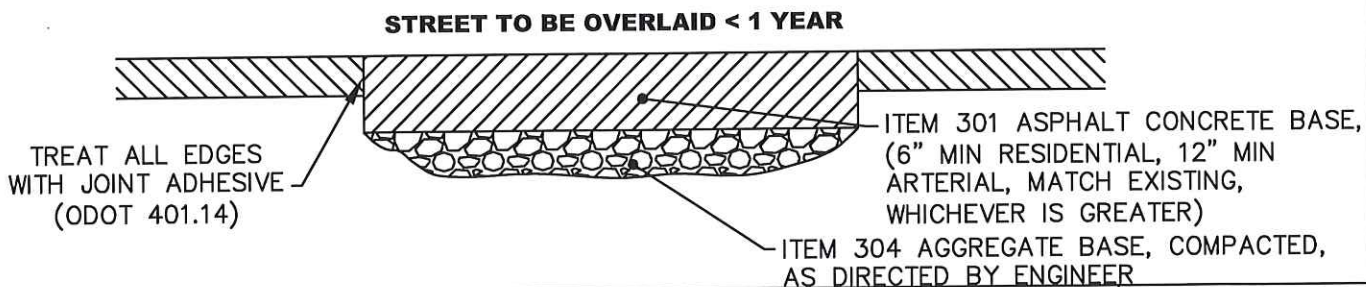
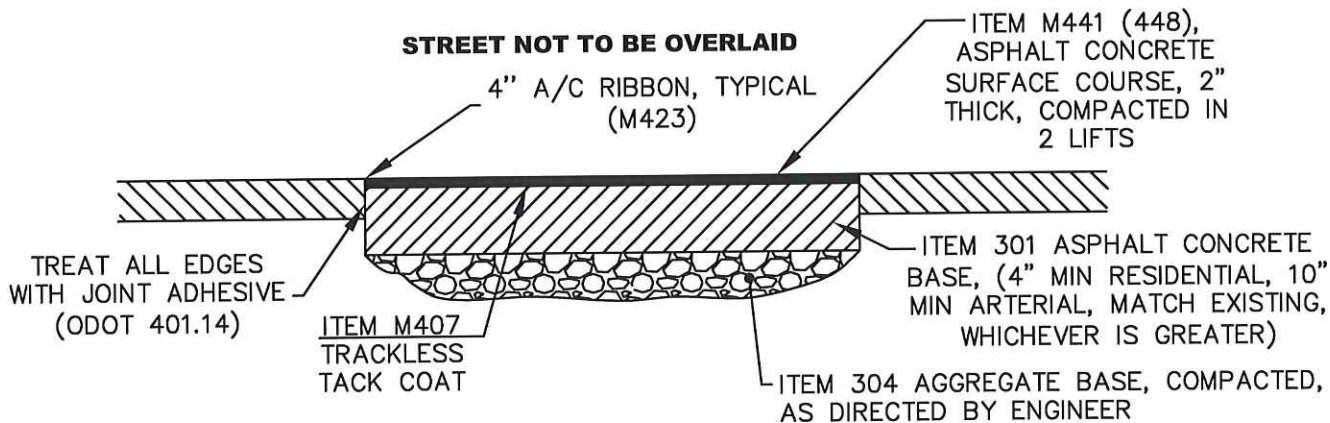
ASPHALT ROADWAY



2. SAW CUT PORTION OF ROADWAY AND EXCAVATE FROM TOP OF SURFACE TO MARKED LIMITS.



3. BACKFILL AND COMPACT WITH ROLLER OR HAND VIBRATOR MACHINE PER ODOT 204.



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M253
 FULL DEPTH
 FLEXIBLE PAVEMENT
 REPAIR

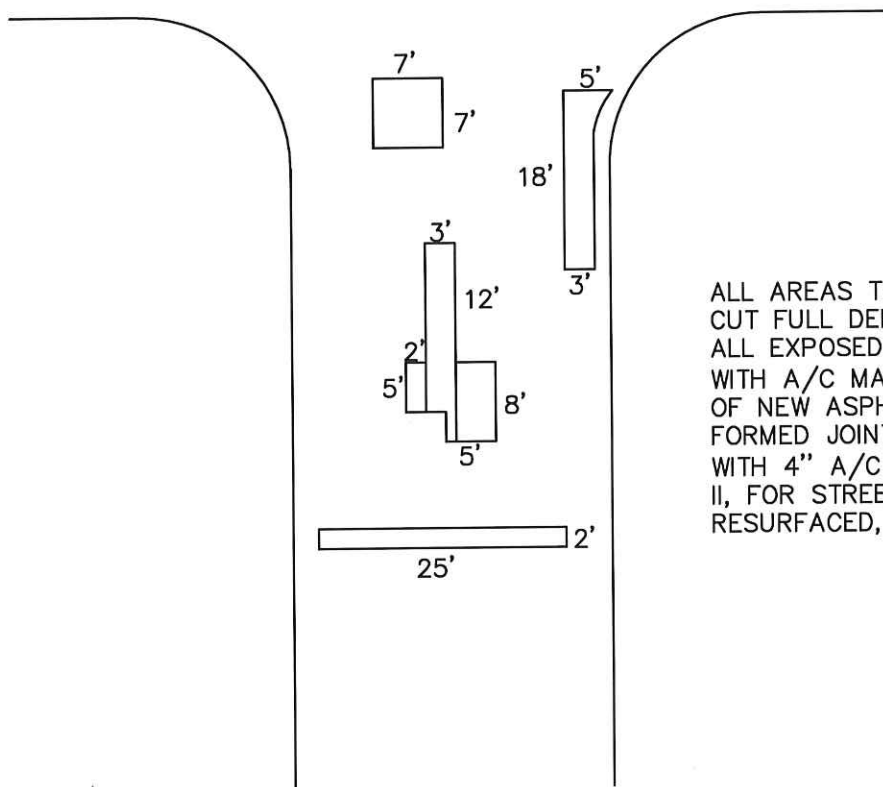
Approval:
Alisha Burcham
 Alisha Burcham
 City Engineer

Date: Jan. 2020

Scale:
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 1 of 1

IT IS THE INTENT OF THIS DRAWING TO SHOW THAT ASPHALT STREET REPAIRS WILL CONSIST OF INTERMITTENT "SPOT CORRECTIONS". IT IS EXPECTED THAT SOME AREAS WILL HAVE LARGE SECTIONS OF PAVEMENT MARKED FOR REMOVAL AND SOME WILL HAVE RATHER SMALL AREAS, WITH A 2' MIN WIDTH.



ALL AREAS TO BE REMOVED SHALL BE SAW CUT FULL DEPTH TO PROVIDE CLEAN JOINTS. ALL EXPOSED EDGES SHALL BE TREATED WITH A/C MATERIAL PRIOR TO PLACEMENT OF NEW ASPHALT PER ODOT 401.14. NEWLY FORMED JOINTS SHALL BE CRACK SEALED WITH 4" A/C RIBBON PER ITEM M423 TYPE II, FOR STREETS THAT WILL NOT BE RESURFACED, ONLY.

PAVEMENT REMOVAL AREAS WILL BE MARKED IN THE STREET WITH INSTRUCTIONS GIVEN TO THE CONTRACTOR PRIOR TO THE START OF THE WORK.



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PAVEMENT REPAIR

Approval:

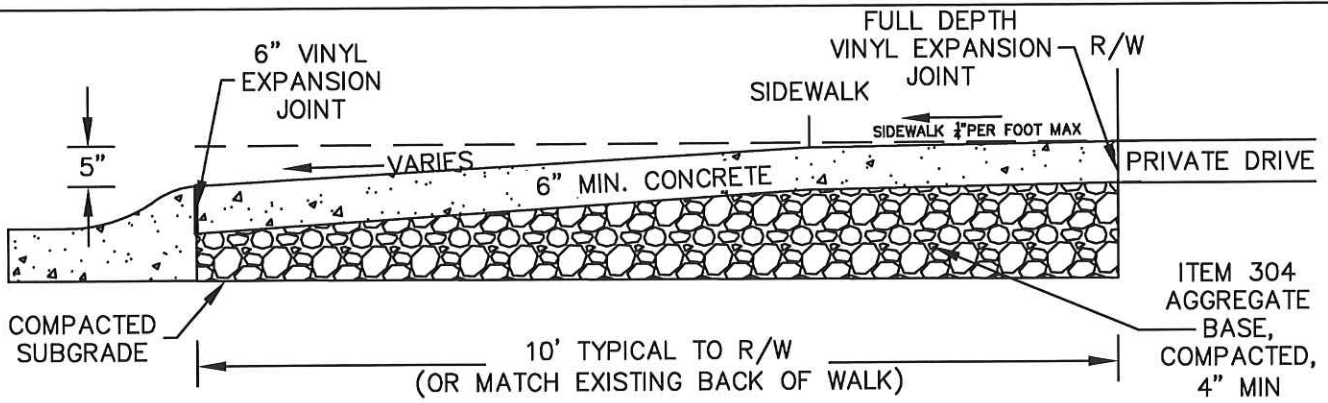
Alisha Burcham
Alisha Burcham
City Engineer

Date: Jan. 2020

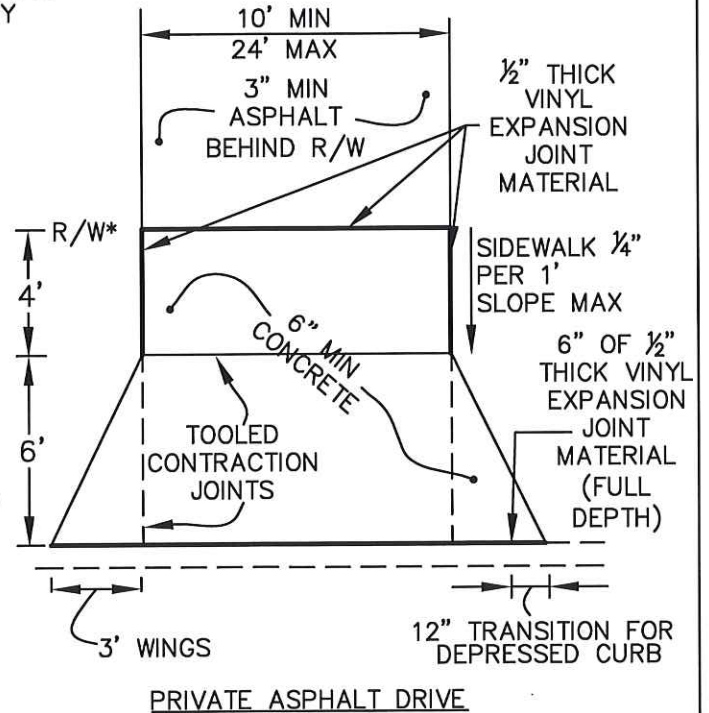
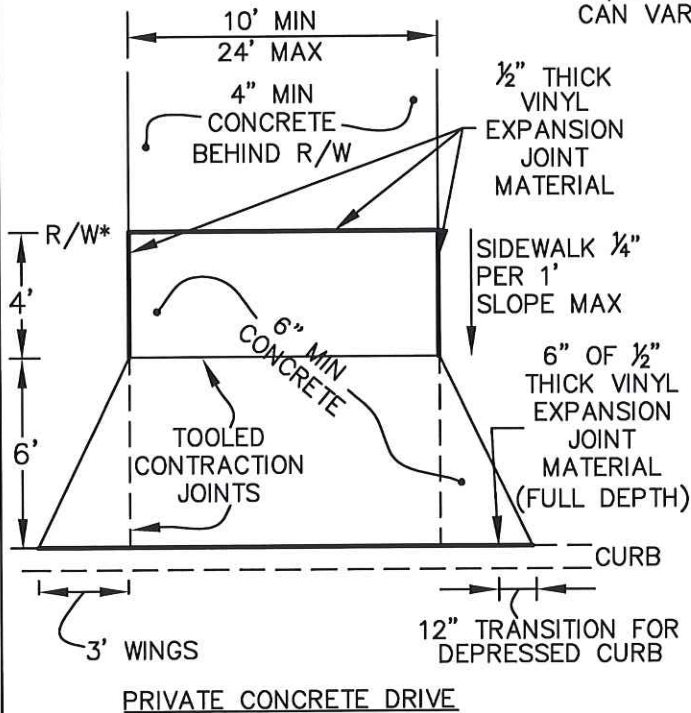
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1 of 1



*R/W WIDTHS CAN VARY



NOTES:

1. SET ELEVATION AT BACK OF WALK AT $\frac{1}{4}$ " PER FOOT ABOVE THE TOP OF STANDARD CURB. A TYPICAL DRIVEWAY AT THE BACK OF WALK WILL BE 5" ABOVE THE TOP OF STANDARD CURB HEIGHT.
2. SLOPE ACROSS SIDEWALK IS $\frac{1}{4}$ " PER FT, MAX. MEET ALL ADA REQUIREMENTS.
3. IF CURB IS TO BE REMOVED, CONTACT CITY INSPECTOR BEFORE SAWING THE CURB.
4. CURB AND DRIVEWAY SHALL BE POURED SEPARATELY.
5. 6" THICK CONCRETE RESIDENTIAL DRIVE APPROACH IN R/W MINIMUM WITH 4" AGGREGATE BASE.
6. ITEM M452 QC MISC. OR QC 1 CONCRETE ON 4" OF ITEM 304 AGGREGATE BASE, COMPACTED, AS SPECIFIED IN SUPPLEMENTAL SPECIFICATION M452.
7. ALL EXPOSED SURFACES SHALL BE BROOMED AND EDGED. ALL JOINTS SHALL BE $\frac{1}{2}$ TOOLED JOINTS ONLY.
8. CURING COMPOUND SHALL BE APPLIED ON ALL FINISHED CONCRETE IN R/W PER ITEM 451.11.
9. TOP OF DEPRESSED CURB SHALL BE $\frac{1}{2}$ " ABOVE FLOW LINE OF CURB.
10. FOR TREE LAWNS OF LESS THAN 6 FEET IN WIDTH, CALL INSPECTOR PRIOR TO REMOVAL.



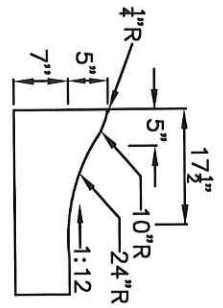
CITY OF
MORaine, OH
ENGINEERING DEPARTMENT
4200 DRYDEN ROAD
MORaine, OH 45439
PHONE (937) 535-1031

RESIDENTIAL
DRIVEWAY

Approval:
Alisha Burcham
Alisha Burcham
City Engineer

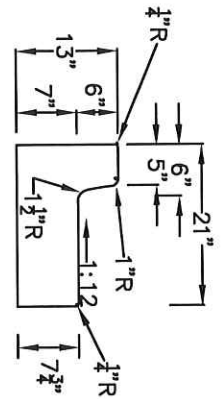
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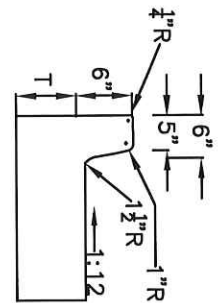
TYPE "3-A"
INTEGRAL ROLL CURB

- NOTE:
1. USE IN RESIDENTIAL AREAS ON LOCAL STREETS.
 2. TRANSVERSE PAVEMENT JOINTS SHALL BE EXTENDED THRU THE CURB.
- * INTEGRAL WITH CONCRETE PAVEMENT



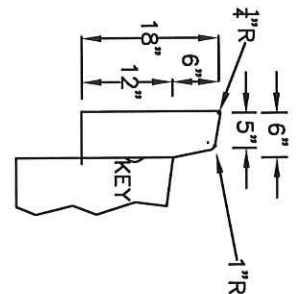
TYPE "2"
COMBINED CURB & GUTTER

- NOTE:
1. USE WITH ALL ASPHALT PAVEMENTS.
 2. 1/2" PREMOULDED EXPANSION JOINTS SHALL BE CONSTRUCTED EACH SIDE OF DRIVE APPROACH SECTIONS, BOTH SIDES OF CATCH BASINS, AND AT P.C. POINTS AT INTERSECTIONS, BUT THE MAXIMUM SPACING SHALL NOT EXCEED 100'.



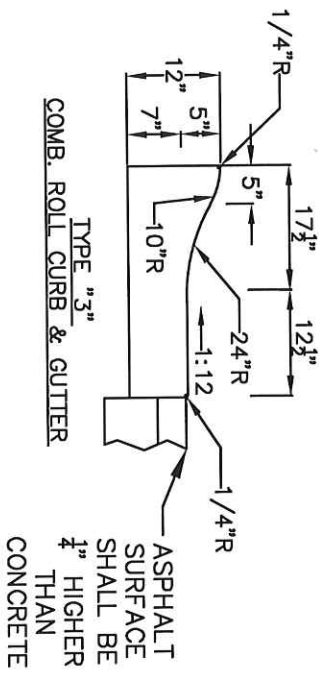
TYPE "2-A"
INTEGRAL CURB & GUTTER

- NOTE:
1. USE IN BUSINESS AND INDUSTRIAL AREAS.
 2. TRANSVERSE PAVEMENT JOINTS SHALL BE EXTENDED THRU THE CURB.
 3. T=EXISTING PAVEMENT THICKNESS, BUT NOT LESS THAN 7"



TYPE "6"
BARRIER CURB

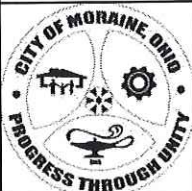
- NOTE:
1. USE AROUND MEDIANS SECTIONS AND ON THOROUGHFARES.
 2. WHEN USED WITH CONCRETE PAVEMENTS, CURB SHALL BE KEYED AND NOT BE INTEGRALLY POURED.



TYPE "3"
COMB. ROLL CURB & GUTTER

- NOTES:
1. USE IN RESIDENTIAL AREAS WITH ASPHALT PAVEMENTS ON LOCAL STREETS ONLY.
 2. 1/2" PREMOULDED EXPANSION JOINTS SHALL BE CONSTRUCTED EACH SIDE OF DRIVE APPROACH SECTIONS AND AT P.C. POINTS AT INTERSECTIONS, BUT THE MAXIMUM SPACING SHALL NOT EXCEED 100'.

- NOTES:
1. CURBING SHALL MEET THE REQUIREMENTS SET FORTH IN SUPPLEMENTAL SPECIFICATION FOR ITEM M609, CURBING.
 2. WHEN USED WITH ASPHALT PAVEMENTS, TYPE 2, 3, & 6 CURBING SHALL HAVE CONTRACTION JOINTS EVERY 5'. WHEN TYPE 6 CURBING IS USED WITH CONCRETE PAVEMENTS, CONTRACTION JOINTS SHALL BE PLACED OPPOSITE CONTRACTION JOINTS IN THE PAVEMENT.
 3. CURBING SHALL BE BACKFILLED IMMEDIATELY AFTER FORMS ARE REMOVED. BACKFILL SHALL BE CLEAN OF DEBRIS AND TRASH.
 4. PROVIDE BROOM FINISH AND EDGING TO ALL EXPOSED SURFACES.
 5. CURING COMPOUND SHALL BE APPLIED ON ALL FINISHED CONCRETE IN R/W IN ACCORDANCE WITH ASTM C309.
 6. CONTINUOUS MACHINED CURB SHALL BE PLACED IN SECTIONS OF 150 LF OR GREATER.
 7. MACHINE CURB SHOE SHALL BE APPROVED BY CITY ENGINEER PRIOR TO CONCRETE PLACEMENT.
 8. NO DEDUCTIONS SHALL BE MADE FOR DEPRESSED CURB AT DRIVEWAYS, CURB RAMPS OR CATCH BASINS.
 9. "SPILL CURB" SHALL BE CONSIDERED IN AREAS OF NON-STANDARD ROADWAY CROWN, AS DIRECTED BY CITY ENGINEER.



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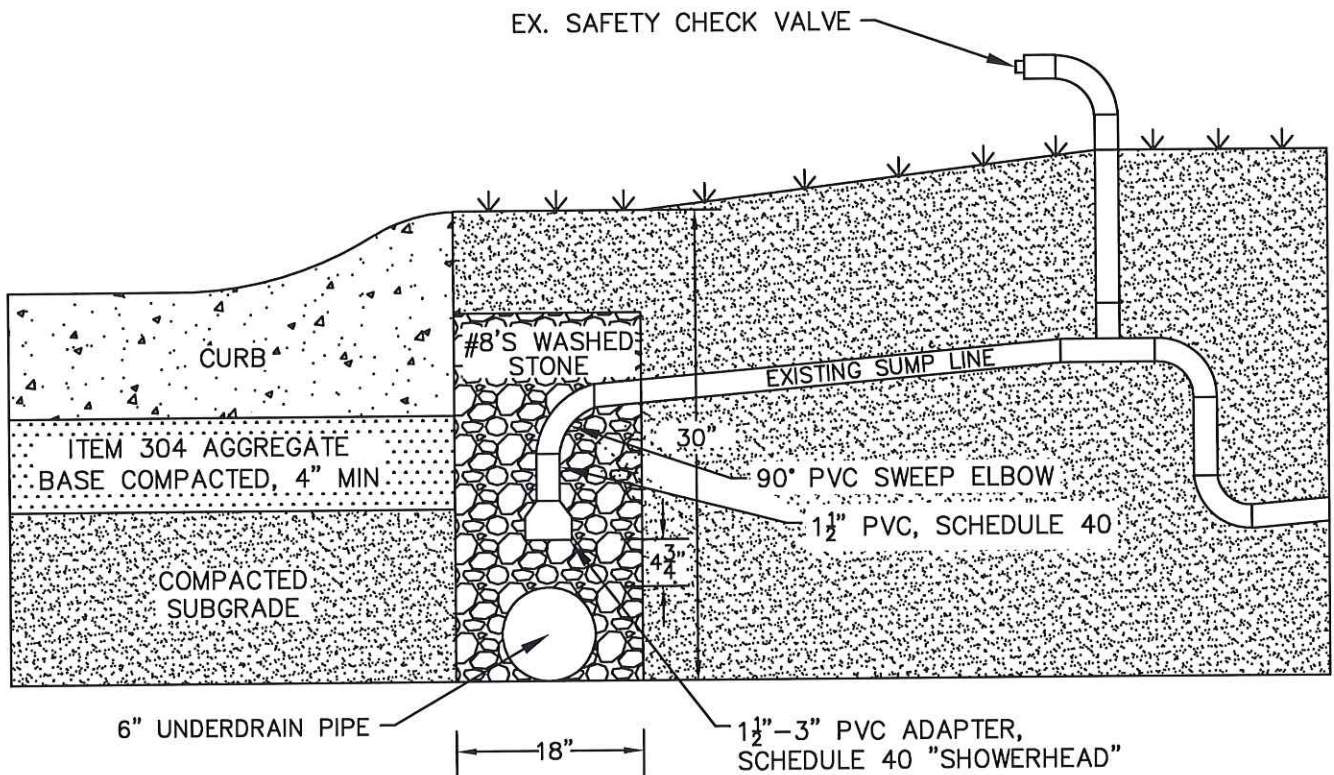
M609
CURBING

Approval:
Alisha Burcham
Alisha Burcham
City Engineer

Date: Jan. 2020

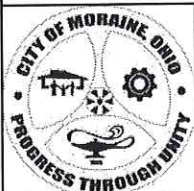
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1 of 1



NOTES:

1. ITEM M811 – SUMP CONNECTION SHALL INCLUDE ALL NECESSARY PVC FITTINGS AND PIPE UP TO 3' BEHIND THE CURB, GRAVEL BACKFILL, TOP SOIL, RESTORATION, SEEDING AND MULCHING, LABOR, EQUIPMENT, AND MATERIAL.
2. SUMP PUMP & PRIVATE UNDERDRAIN CONNECTIONS ONLY.
3. DOWNSPOUT OUTLETS SHALL DAYLIGHT USING POPOUT OUTLETS.



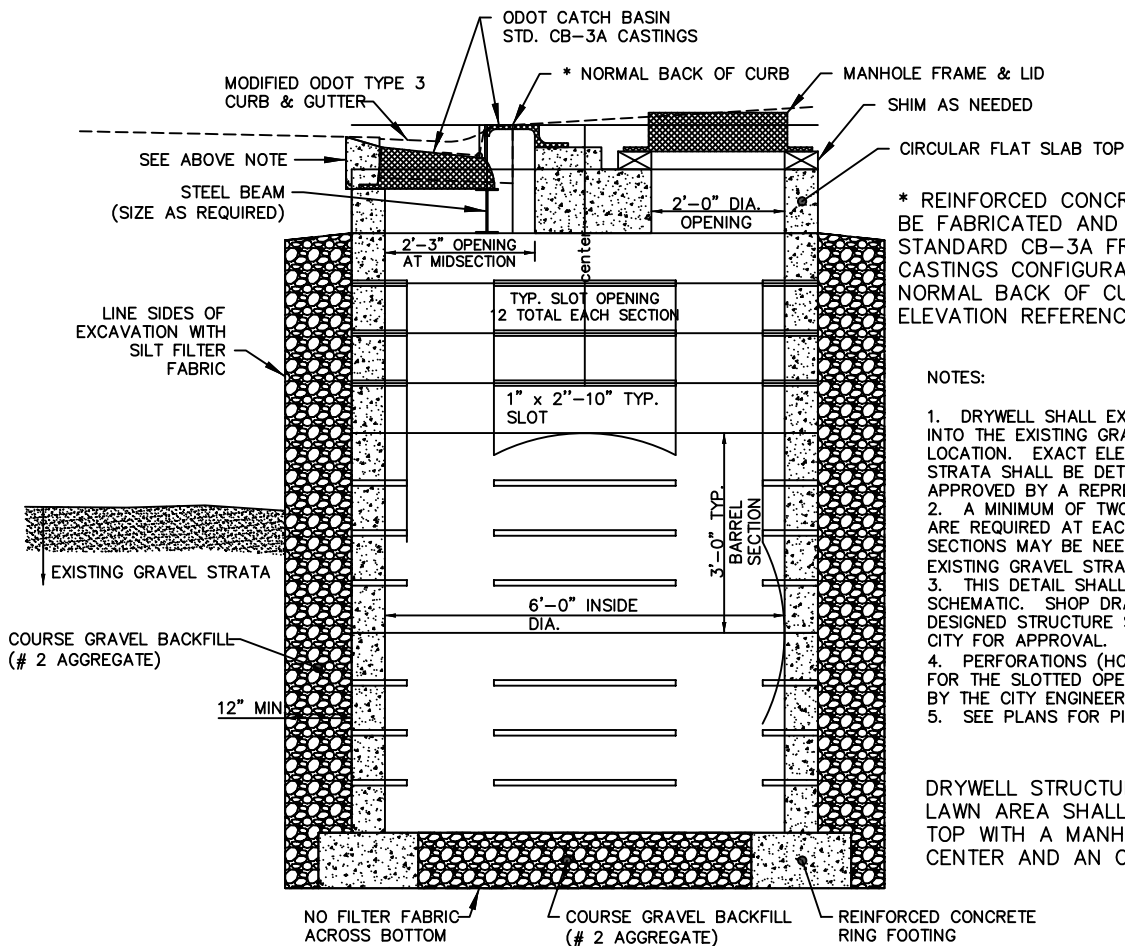
CITY OF
MORAIN, OH
ENGINEERING DEPARTMENT
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MORAIN, OH 45439
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M811 SUMP DRAIN
CONNECTION TO
GRAVEL
UNDERDRAIN
"SHOWERHEAD"

Approval:
Alisha Burcham
Alisha Burcham
City Engineer

Date: Jan. 2020

Scale: None	Sheet: 1 of 1
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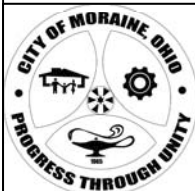
* REINFORCED CONCRETE STRUCTURE SHALL BE FABRICATED AND POSITIONED SO THE STANDARD CB-3A FRAME AND CURB CASTINGS CONFIGURATION MATCHES THE NORMAL BACK OF CURB LOCATION AND ELEVATION REFERENCE

NOTES:

1. DRYWELL SHALL EXTEND A MINIMUM OF 3'-0" INTO THE EXISTING GRAVEL STRATA AT EACH LOCATION. EXACT ELEVATION OF ACCEPTABLE STRATA SHALL BE DETERMINED IN THE FIELD AND APPROVED BY A REPRESENTATIVE OF THE CITY.
2. A MINIMUM OF TWO DRYWELL BARREL SECTIONS ARE REQUIRED AT EACH LOCATION. ADDITIONAL SECTIONS MAY BE NEEDED AS DETERMINED BY EXISTING GRAVEL STRATA ELEVATION (NOTE 1).
3. THIS DETAIL SHALL BE CONSIDERED AS A SCHEMATIC. SHOP DRAWING FOR ACTUAL DESIGNED STRUCTURE SHALL BE SUBMITTED TO THE CITY FOR APPROVAL.
4. PERFORATIONS (HOLES) MAY BE SUBSTITUTED FOR THE SLOTTED OPENINGS ONLY IF APPROVED BY THE CITY ENGINEER.
5. SEE PLANS FOR PIPE OPENING LOCATIONS.

DRYWELL STRUCTURES LOCATED WITHIN LAWN AREA SHALL HAVE FLAT SLAB TOP WITH A MANHOLE FRAME IN THE CENTER AND AN OPEN GRATE LID.

CURB INLET/DRYWELL DETAIL



CITY OF MORaine, OH
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M811 DRY WELL

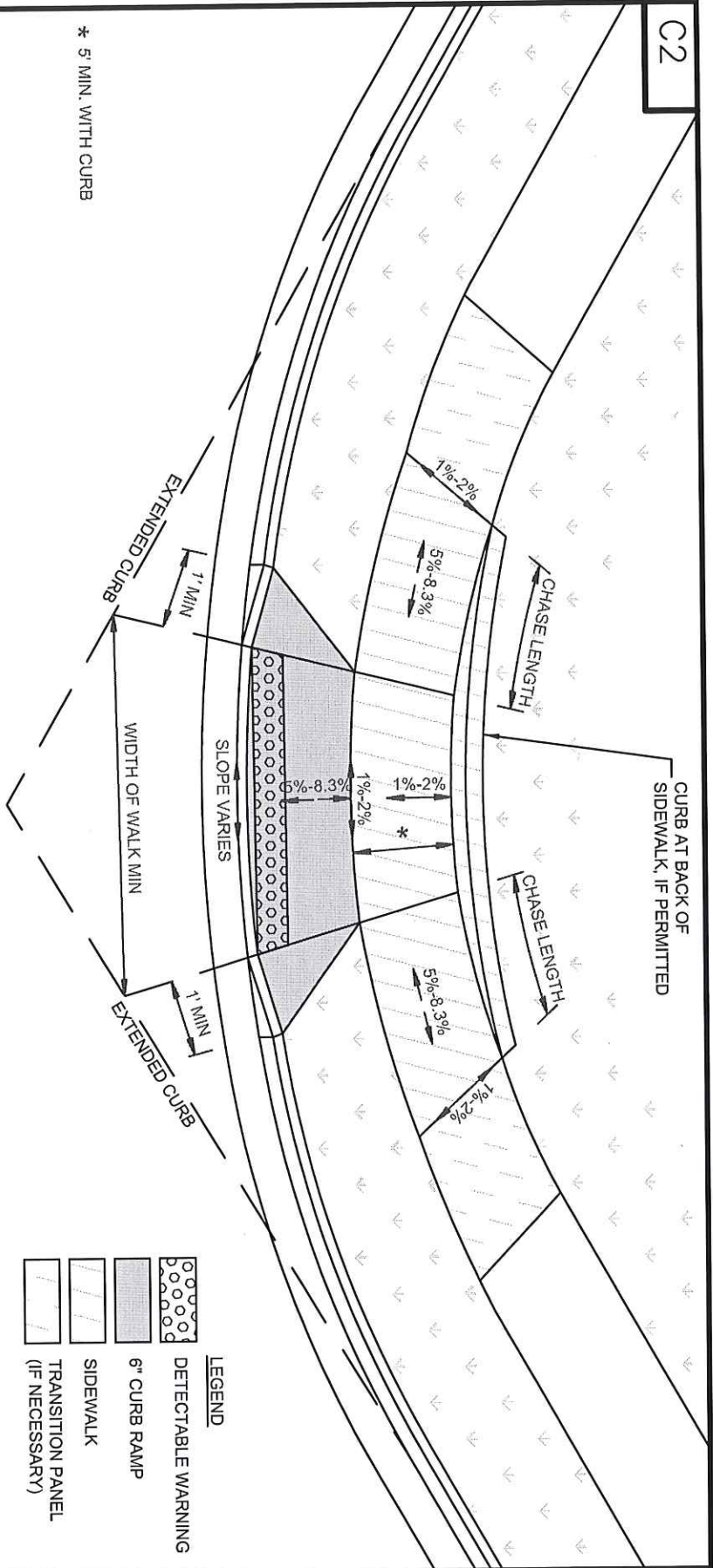
Approval:
Alisha Burcham
 Alisha Burcham
 City Engineer

Date: Feb. 2022

Scale: None

Sheet: 1 of 1

C2



* 5' MIN. WITH CURB

CITY OF MORaine - ADA CURB RAMPS
 ONSITE MEETINGS WITH CONTRACTOR
 GOAL: CONSTRUCT RIGHT - CONSTRUCT ONCE
 THE CONTRACTOR IS TO INITIATE COMMUNICATIONS WITH THE MORaine ENGINEERING DEPARTMENT AT EACH STEP.

STEP 1: SCOPING OF WORK

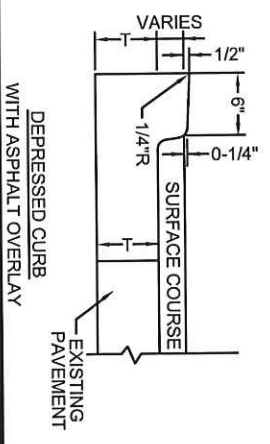
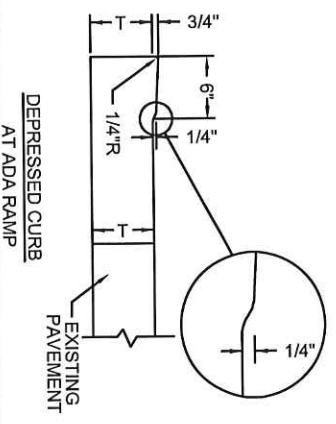
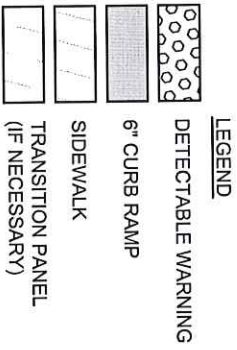
a. MORaine PAINTS PLAN VIEW OF RAMP ON GROUND, IDENTIFIES WIDTH AND ORIENTATION OF DETECTABLE WARNING, AND ESTIMATES SIDEWALK AND CURB TO BE REMOVED.

STEP 2: REVIEW OF FORM BOARDS

a. THE CONTRACTOR IS TO NOTIFY MORaine IF ADDITIONAL SIDEWALK AND/OR CURB WILL NEED TO BE REMOVED BEYOND THE MARKED LIMITS. THE CONTRACTOR WILL REMOVE SIDEWALK AND/OR CURB AT MORaine'S DIRECTION.
 b. MORaine REVIEWS FORM BOARDS FOR LOCATION, BREAKS, SLOPES, JOINTING, ETC.
 c. RAMPS ARE NOT APPROVED AT THIS STEP.

STEP 3: INSPECTION OF FINISHED CONCRETE

a. INSPECTION TO OCCUR LESS THAN TWO WORKING DAYS AFTER POUR.
 b. MORaine INSPECTS FINISHED CURB RAMP FOR FINISH, WORKMANSHIP, SLOPES, ETC.
 c. MORaine APPROVES WORK OR REQUIRES RECONSTRUCTION.



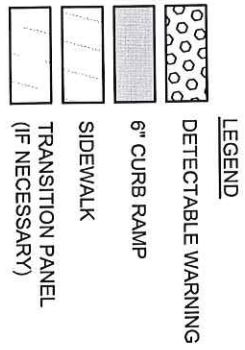
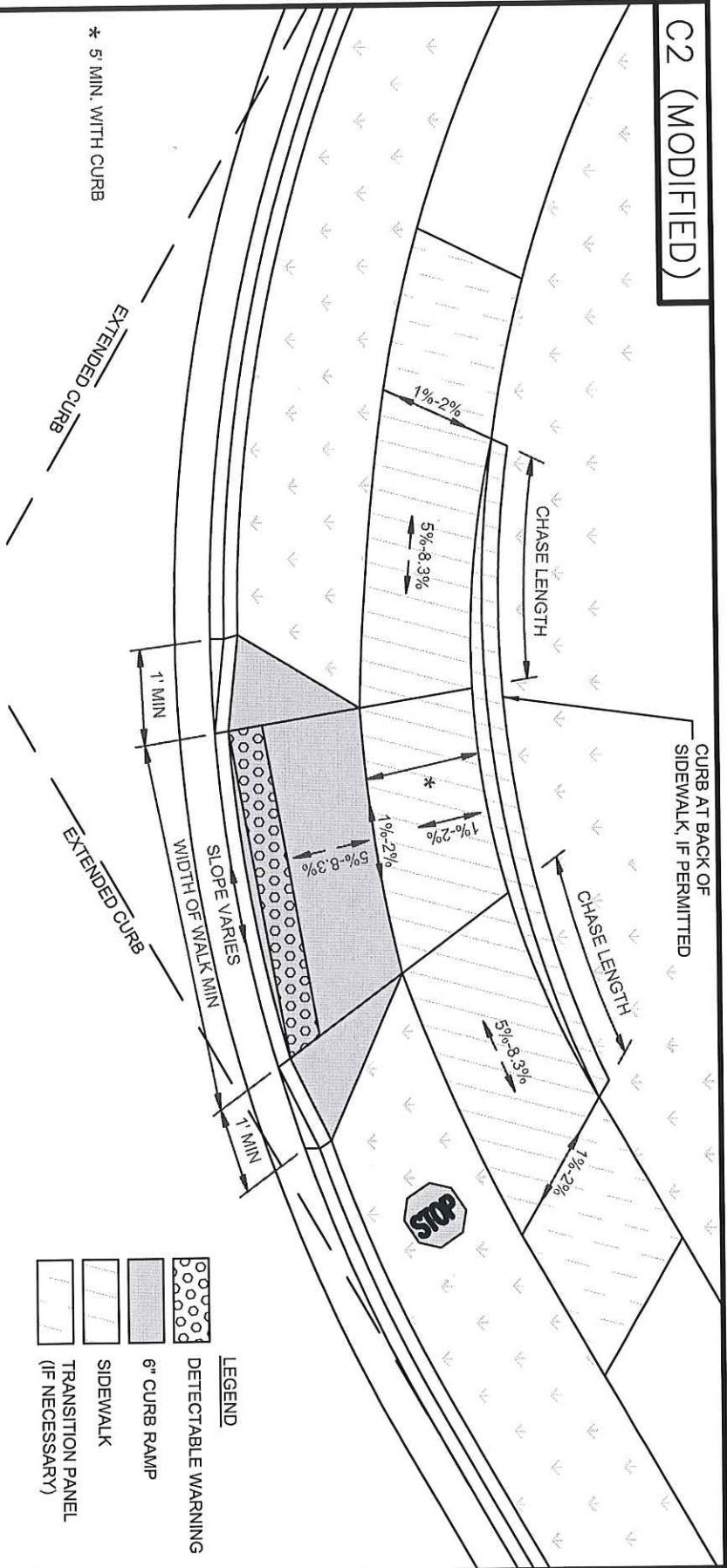
CITY OF MORaine, OH
 ENGINEERING DEPARTMENT
 4200 DRYDEN ROAD
 MORaine, OH 45433
 PHONE (637) 535-1031

Approval:
Alisha Burcham
 Alisha Burcham
 City Engineer

Date: Jan. 2020

ADA RAMP GUIDANCE FORM
 City of Moraine

C2 (MODIFIED)



* 5' MIN. WITH CURB

CITY OF MORAINE - ADA CURB RAMP
ON-SITE MEETINGS WITH CONTRACTOR

GOAL: CONSTRUCT RIGHT - CONSTRUCT ONCE

THE CONTRACTOR IS TO INITIATE COMMUNICATIONS WITH THE MORAINE ENGINEERING DEPARTMENT AT EACH STEP.

STEP 1: SCOPING OF WORK

a. MORAINE PAINTS PLAN VIEW OF RAMP ON GROUND, IDENTIFIES WIDTH AND ORIENTATION OF DETECTABLE WARNING, AND ESTIMATES SIDEWALK AND CURB TO BE REMOVED.

STEP 2: REVIEW OF FORM BOARDS

a. THE CONTRACTOR IS TO NOTIFY MORAINE IF ADDITIONAL SIDEWALK AND/OR CURB WILL NEED TO BE REMOVED BEYOND THE MARKED LIMITS. THE CONTRACTOR WILL REMOVE SIDEWALK AND/OR CURB AT MORAINE'S DIRECTION.

b. MORAINE REVIEWS FORM BOARDS FOR LOCATION, BREAKS, SLOPES, JOINTING, ETC.

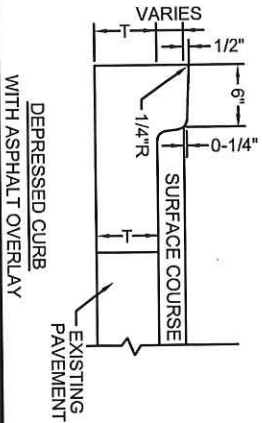
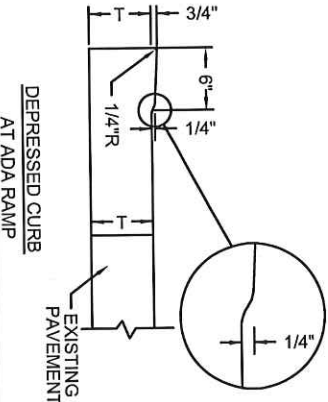
c. RAMP IS NOT APPROVED AT THIS STEP.

STEP 3: INSPECTION OF FINISHED CONCRETE

a. INSPECTION TO OCCUR LESS THAN TWO WORKING DAYS AFTER POUR.

b. MORAINE INSPECTS FINISHED CURB RAMP FOR FINISH, WORKMANSHIP, SLOPES, ETC.

c. MORAINE APPROVES WORK OR REQUIRES RECONSTRUCTION.



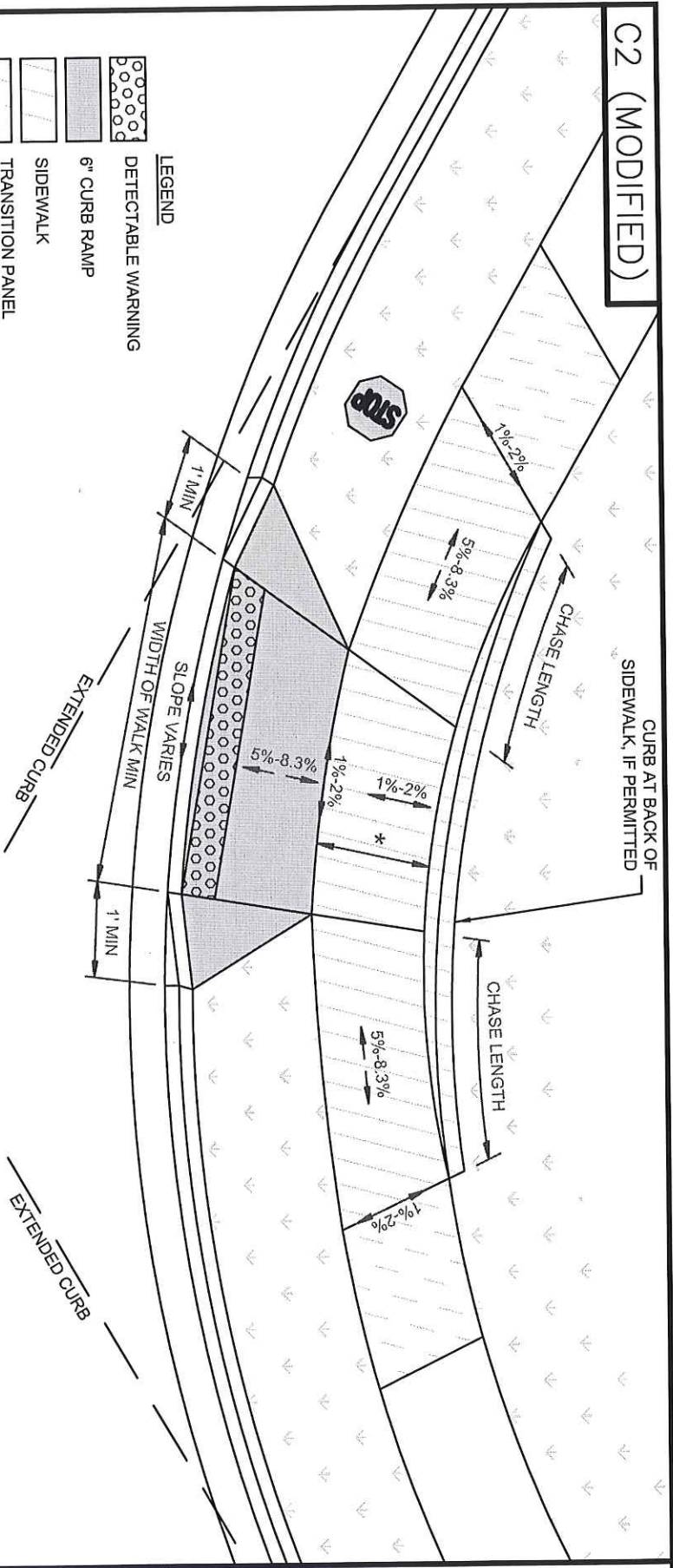
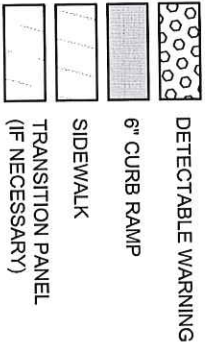
CITY OF MORAINE, OH
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MORAINE, OH 45438
PHONE (937) 535-1031

Approval:
Alisha Burcham
Alisha Burcham
City Engineer

Date: Jan. 2020

ADA RAMP GUIDANCE FORM
City of Moraine

C2 (MODIFIED)



CITY OF MORaine - ADA CURB RAMPS
 ON-SITE MEETINGS WITH CONTRACTOR
 GOAL: CONSTRUCT RIGHT - CONSTRUCT ONCE
 THE CONTRACTOR IS TO INITIATE COMMUNICATIONS WITH THE MORaine
 ENGINEERING DEPARTMENT AT EACH STEP.

STEP 1: SCOPING OF WORK

- a. MORaine PAINTS PLAN VIEW OF RAMP ON GROUND, IDENTIFIES WIDTH AND ORIENTATION OF DETECTABLE WARNING, AND ESTIMATES SIDEWALK AND CURB TO BE REMOVED.

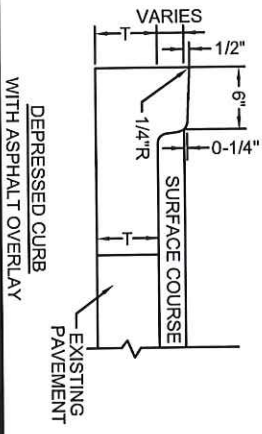
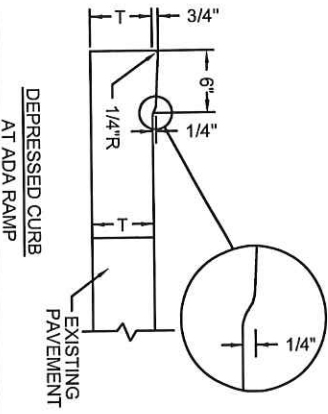
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STEP 3: INSPECTION OF FINISHED CONCRETE

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- c. MORaine APPROVES WORK OR REQUIRES RECONSTRUCTION.

* 5' MIN. WITH CURB



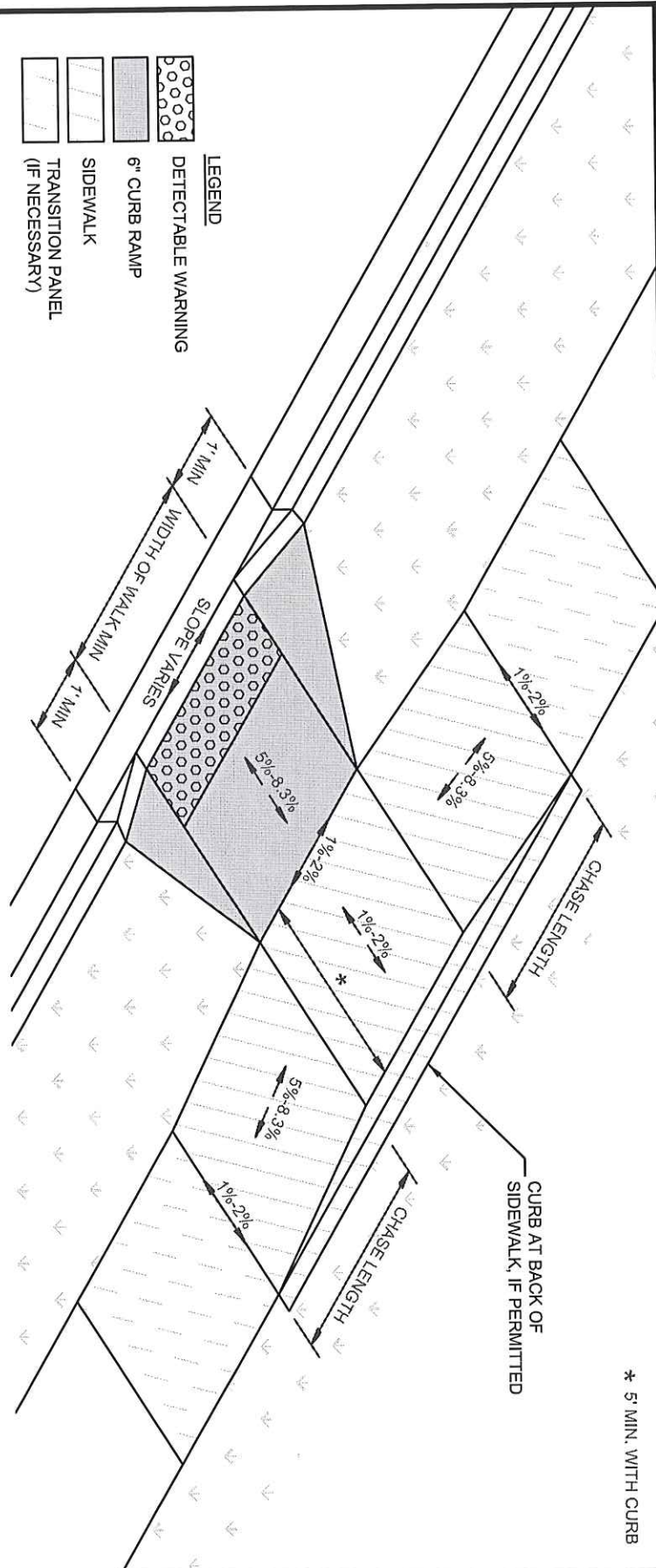
CITY OF MORaine, OH
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 MORaine, OH 45439
 PHONE (937) 538-1031

Approval:
Alisha Burcham
 Alisha Burcham
 City Engineer

Date: Jan. 2020

ADA RAMP GUIDANCE FORM
 City of Moraine

C2 (SIMILAR TO A2)



- LEGEND**
- DETECTABLE WARNING
 - 6" CURB RAMP
 - SIDEWALK
 - TRANSITION PANEL (IF NECESSARY)

CITY OF MORaine - ADA CURB RAMPS
 ON-SITE MEETINGS WITH CONTRACTOR
 GOAL: CONSTRUCT RIGHT - CONSTRUCT ONCE
 THE CONTRACTOR IS TO INITIATE COMMUNICATIONS WITH THE MORaine
 ENGINEERING DEPARTMENT AT EACH STEP.

STEP 1: SCOPING OF WORK

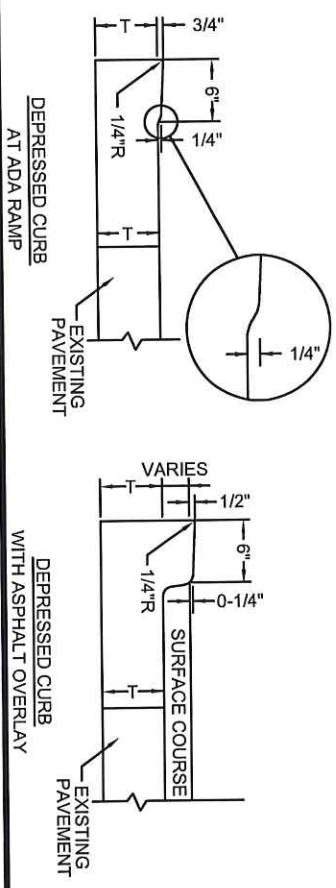
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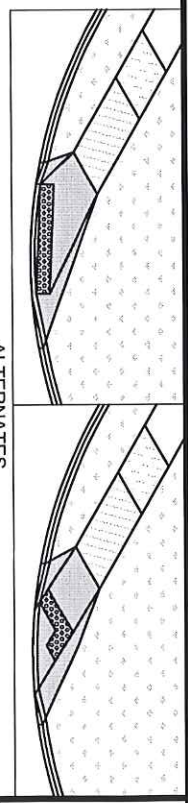
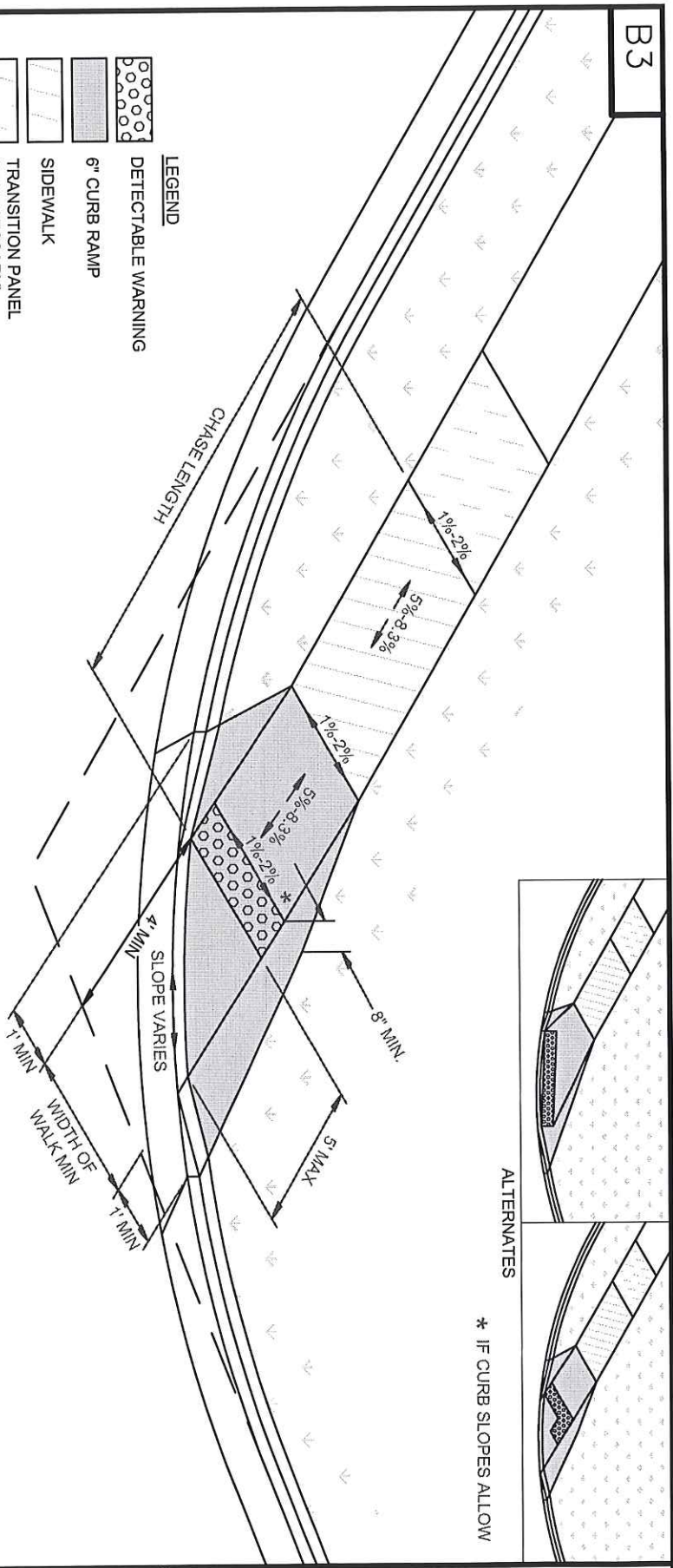
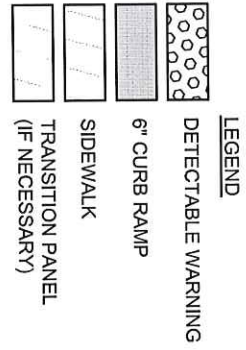


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Approval:
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 City Engineer

Date: Jan. 2020

ADA RAMP GUIDANCE FORM
 City of Moraine



CITY OF MORAINE - ADA CURB RAMPS

ONSITE MEETINGS WITH CONTRACTOR

GOAL: CONSTRUCT RIGHT - CONSTRUCT ONCE

THE CONTRACTOR IS TO INITIATE COMMUNICATIONS WITH THE MORAINE ENGINEERING DEPARTMENT AT EACH STEP.

STEP 1: SCOPING OF WORK

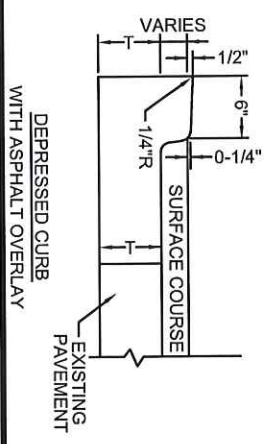
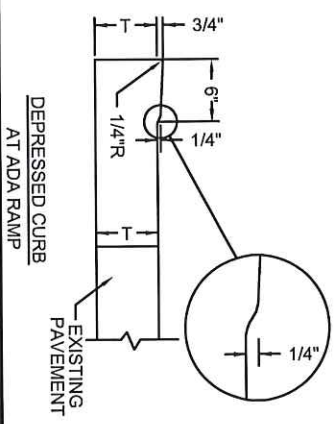
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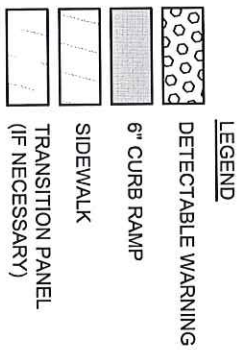
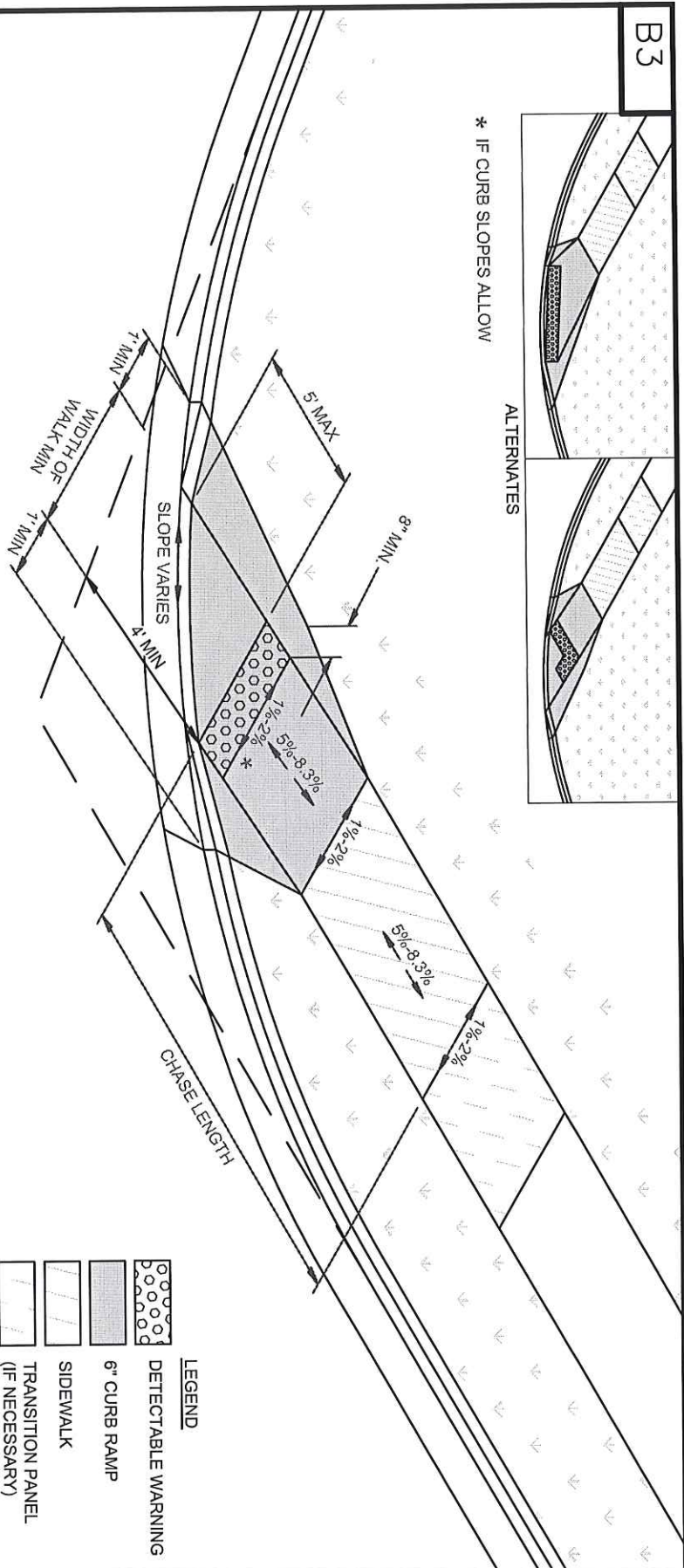
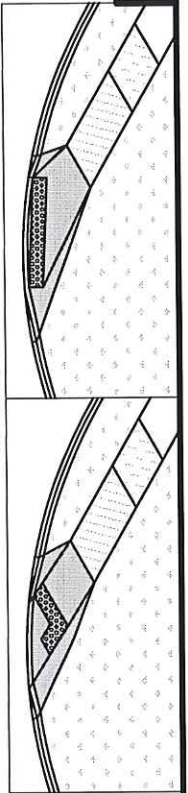


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Approval:
Alisha Burcham
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City Engineer

Date: Jan. 2020

ADA RAMP GUIDANCE FORM
City of Moraine



CITY OF MORAINE - ADA CURB RAMPS

ONSITE MEETINGS WITH CONTRACTOR

GOAL: CONSTRUCT RIGHT - CONSTRUCT ONCE

THE CONTRACTOR IS TO INITIATE COMMUNICATIONS WITH THE MORAINE ENGINEERING DEPARTMENT AT EACH STEP.

STEP 1: SCOPING OF WORK

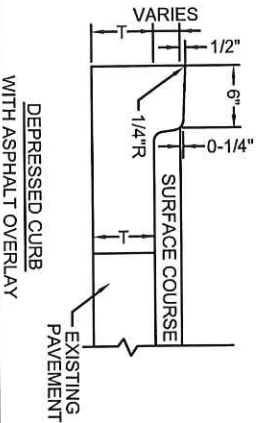
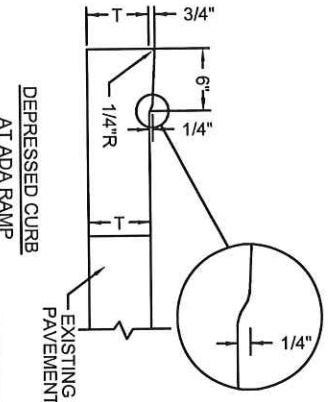
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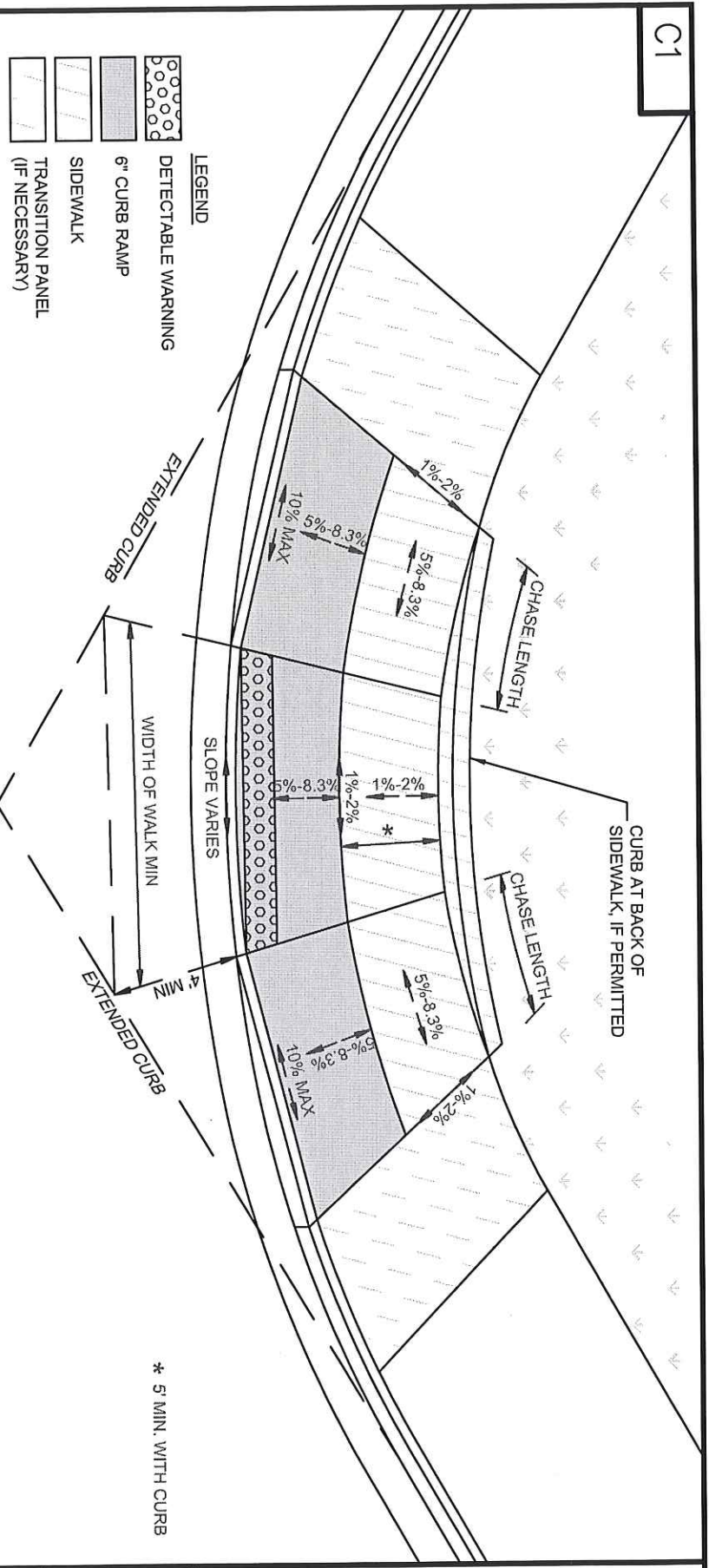
CITY OF MORAINE, OH
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4200 DRYDEN ROAD
MORAINE, OH 45438
PHONE (937) 535-1031

Approval:
Alisha Burcham
Alisha Burcham
City Engineer

Date: Jan. 2020

ADA RAMP GUIDANCE FORM
City of Moraine

C1



- LEGEND**
- DETECTABLE WARNING
 - 6" CURB RAMP
 - SIDEWALK
 - TRANSITION PANEL (IF NECESSARY)

CITY OF MORaine - ADA CURB RAMPS
 ONSITE MEETINGS WITH CONTRACTOR
 GOAL: CONSTRUCT RIGHT - CONSTRUCT ONCE
 THE CONTRACTOR IS TO INITIATE COMMUNICATIONS WITH THE MORaine ENGINEERING DEPARTMENT AT EACH STEP.

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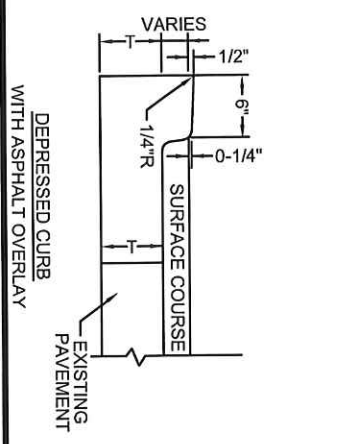
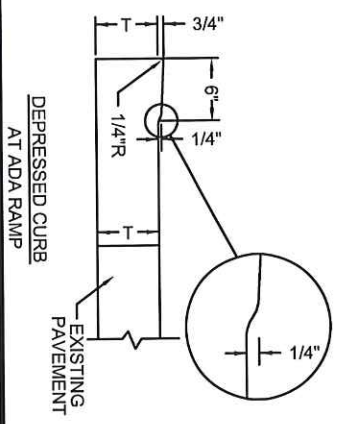
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* 5 MIN. WITH CURB

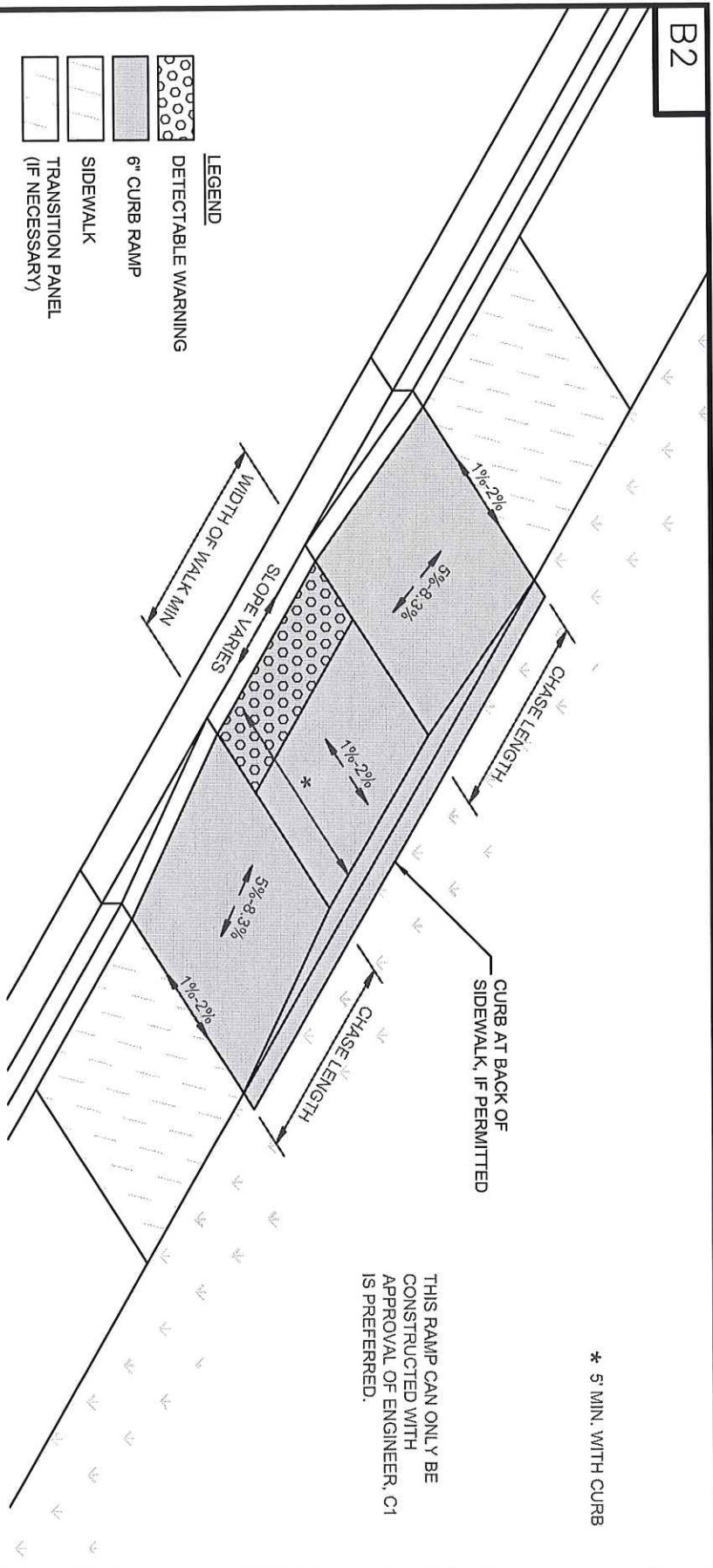





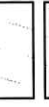
CITY OF MORaine, OH
 ENGINEERING DEPARTMENT
 4200 DRYDEN ROAD
 MORaine, OH 45438
 PHONE (937) 535-1031

Approval:
Alisha Burcham
 Alisha Burcham
 City Engineer

Date: Jan. 2020

ADA RAMP GUIDANCE FORM
 City of Moraine



- LEGEND**
-  DETECTABLE WARNING
 -  6" CURB RAMP
 -  SIDEWALK
 -  TRANSITION PANEL (IF NECESSARY)

CITY OF MORaine - ADA CURB RAMPS
 ONSITE MEETINGS WITH CONTRACTOR

GOAL: CONSTRUCT RIGHT - CONSTRUCT ONCE

THE CONTRACTOR IS TO INITIATE COMMUNICATIONS WITH THE MORaine ENGINEERING DEPARTMENT AT EACH STEP.

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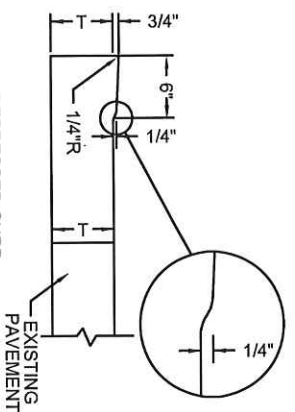
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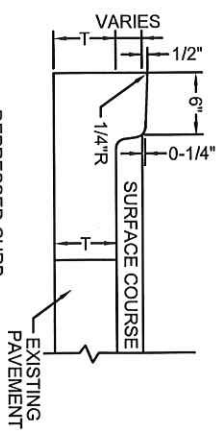
THIS RAMP CAN ONLY BE CONSTRUCTED WITH APPROVAL OF ENGINEER, C1 IS PREFERRED.

* 5' MIN. WITH CURB

CURB AT BACK OF SIDEWALK, IF PERMITTED



DEPRESSED CURB AT ADA RAMP



DEPRESSED CURB WITH ASPHALT OVERLAY



CITY OF MORaine, OH
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 City Engineer

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