

H:\2024\241930\DWG\SHEETS\C_241930 - 1 TITLE SHEET - 12/26/2025 9:28:04 AM - EVAN KRAMER

VILLAGE OF NEWTOWN OFFICIALS

MAYOR

MARK KOBASUK

VILLAGE COUNCIL MEMBERS

TRACY BOONE

TERRY FAIRLEY

SARAH DONOHUE

PEG QUALLEN

JERRY SCHWAB

JEFF DRESCHER

PUBLIC WORKS

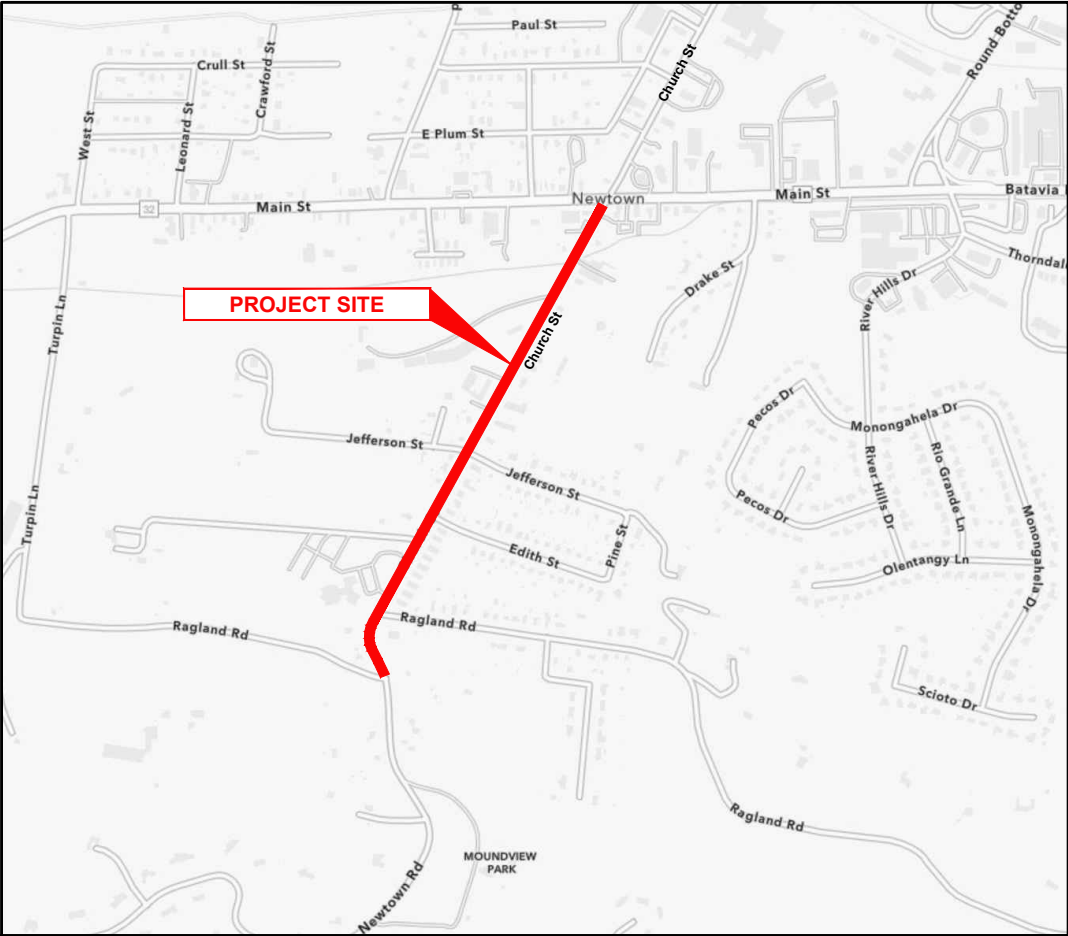
CHUCK MORGAN

VILLAGE OF NEWTOWN

HAMILTON COUNTY, OHIO

CHURCH STREET ROADWAY
IMPROVEMENTS

241930



VICINITY MAP

N.T.S

SYMBOL LEGEND

- EXISTING WATER VALVE
- EXISTING HYDRANT
- EXISTING STORM CATCH BASIN
- EXISTING SANITARY MANHOLE
- EXISTING DRAINAGE MANHOLE
- EXISTING GAS VALVE

ODOT SPECIFICATIONS

THE LATEST STANDARD SPECIFICATIONS OF THE OHIO DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS THERETO AND VILLAGE OF NEWTOWN ENGINEERING DEPARTMENT REQUIREMENTS SHALL GOVERN THIS IMPROVEMENT.

SOURCE OF BOUNDARY INFORMATION

THE BOUNDARY INFORMATION SHOWN ON THESE PLANS IS BASED UPON CINCINNATI AREA GEOGRAPHIC INFORMATION SYSTEM G.I.S. MAPPING AND DOES NOT REPRESENT AN ACTUAL FIELD BOUNDARY SURVEY BY CT CONSULTANTS, INC.

INDEX OF SHEETS

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6	C1	CHURCH ST STA 0+00 TO 8+75
7	C2	CHURCH ST STA 8+75 TO 17+75
8	C3	CHURCH ST STA 17+75 TO END

verdantas

ISSUED FOR:	BID
ISSUE DATE:	01/31/2025
SCALE:	AS SHOWN
DESIGNED BY:	JBOW
DRAWN BY:	EKRA
CHECKED BY:	FTWE

CHURCH STREET ROADWAY
IMPROVEMENTS
CITY OF NEWTOWN
- HAMILTON COUNTY, OHIO -
TITLE SHEET

PROJECT NO.	
241930	
DISCIPLINE	
CIVIL	
SHEET NAME	
TTL	
SHEET	OF
1	8

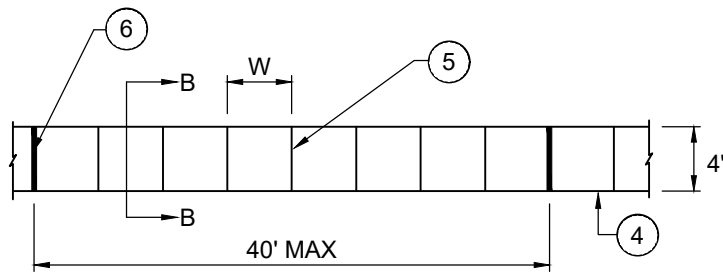
FRANK TWEHUES

GENERAL NOTES

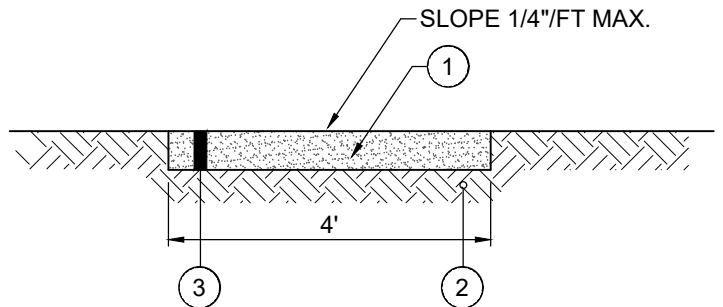
- ALL APPLICABLE RECOMMENDATIONS IN OHIO'S BEST MANAGEMENT PRACTICES MANUAL SHALL BE FOLLOWED BY THE CONTRACTOR, INCLUDING SEEDING OF DISTURBED GROUND.
- THE CONTRACTOR SHALL LIMIT THEIR WORK AREA TO THE EASEMENTS AND RIGHTS-OF-WAY SHOWN ON THESE PLANS UNLESS WRITTEN PERMISSION IS GIVEN BY THE PROPERTY OWNER
- ALL OSHA, STATE AND LOCAL SAFETY REGULATIONS SHALL BE FOLLOWED DURING CONSTRUCTION.
- THIS PLAN SHOWS THE APPROXIMATE LOCATION OF UNDERGROUND UTILITIES (GAS, WATER, STORM SEWER, SANITARY SEWER, TELEPHONE, ELECTRIC, ETC.). THE PREPARER DOES NOT GUARANTEE THEIR ACCURACY OR CORRECTNESS. THE INFORMATION PROVIDED SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE UTILITY AS WELL AS THE SERVICE LATERALS AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PRACTICE CARE DURING THE GRADING AND TRENCH EXCAVATION AND SHALL BE RESPONSIBLE FOR REPLACING ANY SERVICES THAT ARE DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.
- FORTY- EIGHT (48) HOURS BEFORE EXCAVATION IS TO COMMENCE, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES: THE OHIO UTILITY PROTECTION SERVICE AND ALL OTHER UTILITIES THAT MAY HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NON-MEMBERS OF OHIO UNDERGROUND PROTECTION.
- NO CONSTRUCTION SHALL COMMENCE UNTIL ALL HAMILTON COUNTY AND THE VILLAGE OF NEWTOWN PERMITS HAVE BEEN ISSUED AS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE ALL WORK WITHIN THE PUBLIC RIGHT OF WAY WITH THE VILLAGE OF NEWTOWN. LOCAL TRAFFIC MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION UNLESS OTHERWISE NOTED IN THESE PLANS. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN SANITARY SEWER AND STORM SEWER FLOW THROUGHOUT THE PROJECT, FOR THE DURATION OF CONSTRUCTION. ALL COST FOR THE ABOVE SHALL BE INCIDENTAL TO THE CONTRACT.
- ADDITIONAL BMP'S AND EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS DEEMED NECESSARY. ALL COST FOR ABOVE SHALL BE INCLUDED IN LUMP SUM BID FOR EROSION CONTROL AND WATER POLLUTION CONTROL.
- THIS PROJECT MUST BE SUBSTANTIALLY COMPLETED NO LATER THAN OCTOBER 31, 2025

MAINTENANCE OF TRAFFIC NOTES

- ALL MAINTENANCE OF TRAFFIC PROCEDURES SHALL MEET THE REQUIREMENT OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND SECTION 614 OF ODOT STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL MAINTAIN ACCESS TO LOCAL TRAFFIC (ACCESS TO RESIDENCES WITHIN CONSTRUCTION LIMITS) AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE SUFFICIENT SIGN, WARNING LIGHTS, BARRICADES, OR OTHER NECESSARY DEVICES MAKE THE SITE SAFE TO THE TRAVELING PUBLIC.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT TO THE ENGINEER AND THE OWNER A TRAFFIC CONTROL PLAN FOR THIS PROJECT.
- THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF NEWTOWN AND THE NEWTOWN POLICE DEPARTMENT PRIOR TO ANY CONSTRUCTION. EMERGENCY VEHICLE ACCESS SHALL BE MAINTAINED AT ALL TIMES.
- RESIDENTS OF THE PROJECT AREA SHALL BE ALLOWED ACCESS TO THEIR PROPERTY AT ALL TIMES.



PLAN VIEW

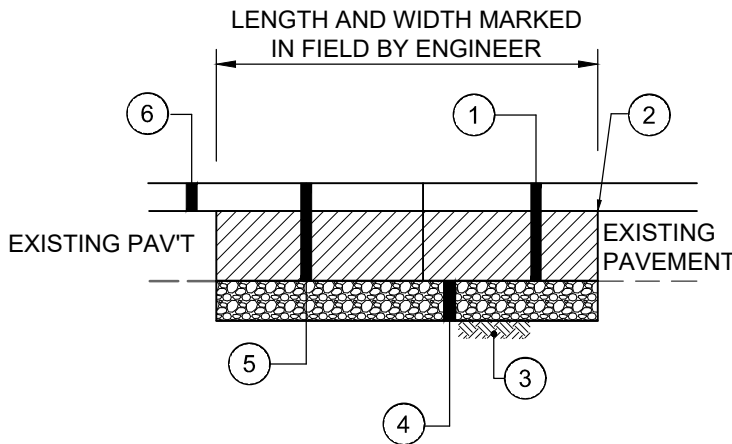


SECTION B-B

CONCRETE SIDEWALK REPLACEMENT DETAIL

N.T.S.

- 1 SAWCUT AND REMOVE EXISTING SIDEWALK
- 2 COMPACTED SUBGRADE (INCIDENTAL TO CONCRETE SIDEWALK)
- 3 4" CONCRETE SIDEWALK
- 4 TOOLED EDGE
- 5 TOOLED CONTRACTION JOINT
- 6 1/2" PREMOLDED EXPANSION JOINT

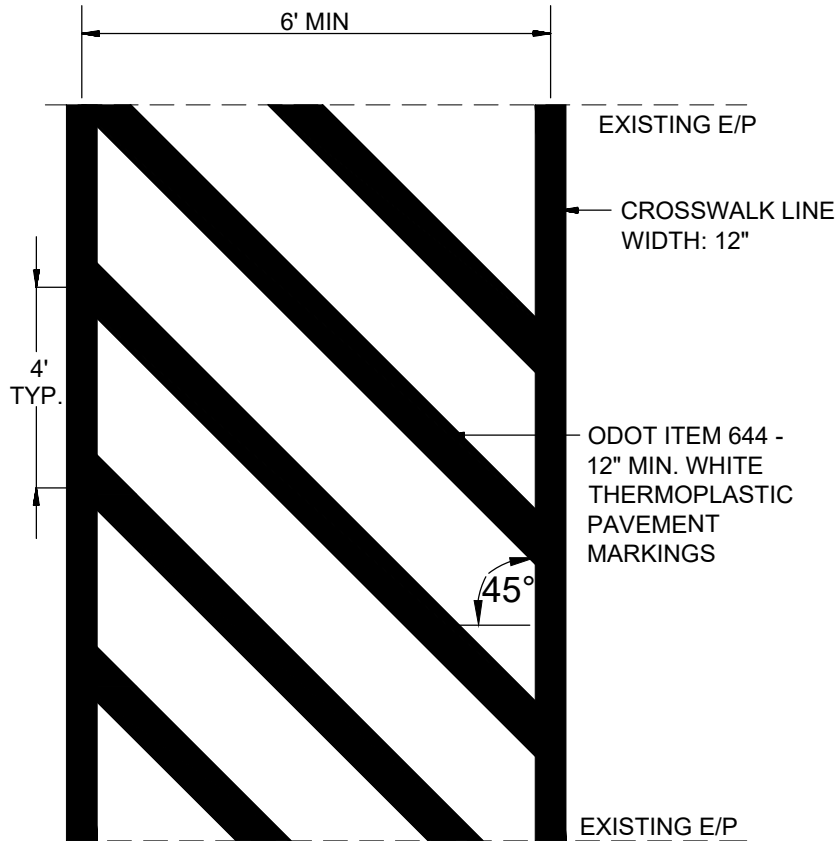


- 1 EX. CONCRETE, ASPHALT, GRAVEL OR EARTEN MATERIAL TO BE REMOVED
- 2 FULL DEPTH SAWCUT ALL SIDES
- 3 COMPACTED SUBGRADE (INCIDENTAL)
- 4 6" DGA FOR SUBGRADE REPAIR (SEPARATE PAY ITEM). TO BE USED AS DIRECTED BY THE ENGINEER. UNIT PRICE BID INCLUDES DGA BASE, REMOVAL AND DISPOSAL OF EXISTING MATERIAL AND COMPACTION OF SUBGRADE
- 5 9" BITUMINOUS CONCRETE BASE (2 - 4 1/2" LIFTS)
- 6 PAVEMENT RESURFACING PER TYPICAL SECTION (SEPARATE PAY ITEM)

* NOTE: THIS IS A CONTINGENCY ITEM TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER. LIMITS TO BE MARKED IN THE FIELD BY THE ENGINEER

FULL DEPTH PAVEMENT REPAIR (ASPHALT)

N.T.S.



WHITE THERMOPLASTIC CROSSWALK DETAIL

N.T.S.

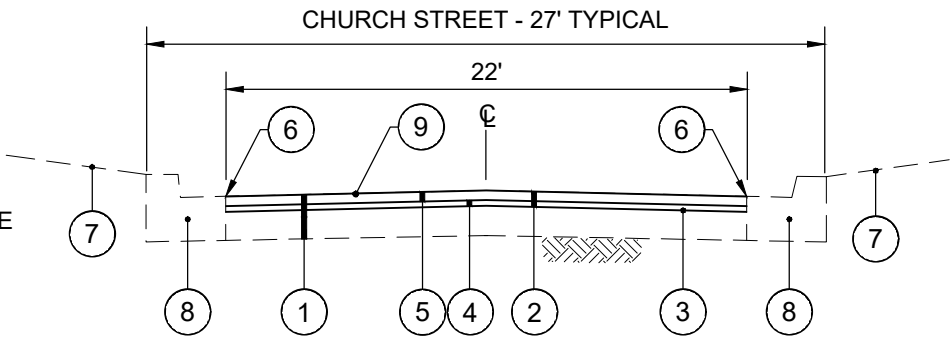
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CHURCH STREET ROADWAY
IMPROVEMENTS
CITY OF NEWTOWN
- HAMILTON COUNTY, OHIO -
GENERAL NOTES & DETAILS

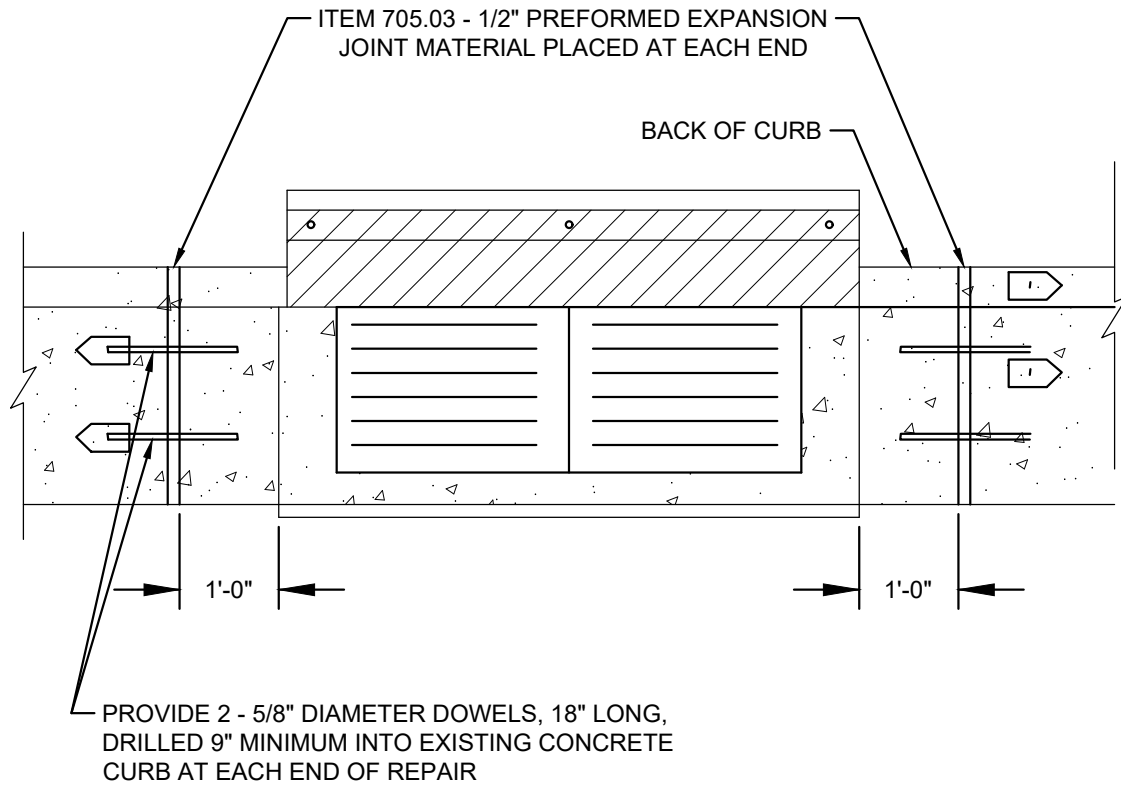
PROJECT NO.	241930
DISCIPLINE	CIVIL
SHEET NAME	DTL1
SHEET	OF
2	8

- 1 EXISTING ASPHALT PAVEMENT
- 2 ASPHALT MILLING (2.5" TYP.)
- 3 TACK COAT @ 0.1 GAL/SY
- 4 1" ASPHALT LEVELING
- 5 1-1/2" ASPHALT PAVEMENT SURFACE WITH ARAMID FIBER REINFORCEMENT (FORTA-FI OR ACE FIBER)
- 6 APPLY HOT ASPHALT SEALER WHERE ASPHALT MEETS CONCRETE CURB (INCIDENTAL TO ITEM)
- 7 DO NOT DISTURB YARD AREA
- 8 CURB REPLACEMENT, CONCRETE VERTICAL CURB & GUTTER PER DETAIL
- 9 ASPHALT CONCRETE MISC; ASPHALT REJUVENATING AGENT



*CONTINGENCY ITEM TO BE USED ONLY AT THE ENGINEER'S DIRECTION

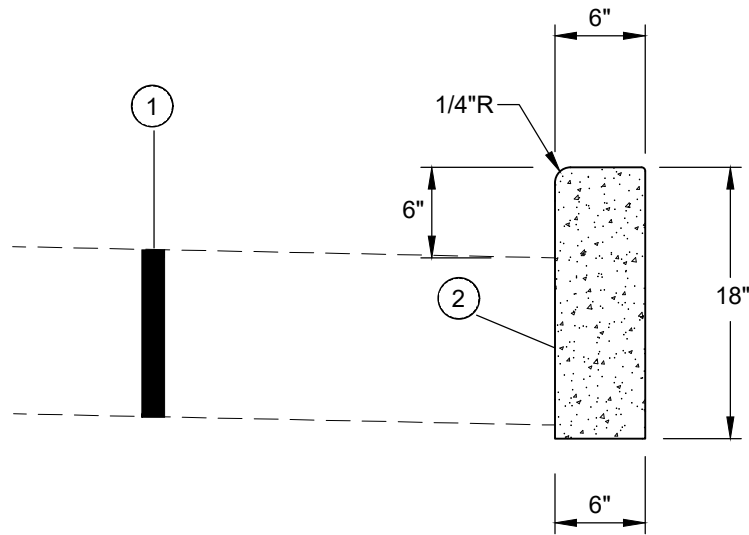
TYPICAL PAVEMENT RESURFACING SECTION
CONCRETE VERTICAL CURB & GUTTER
N.T.S.



NOTES:

- 1.) SEE ODOT STANDARD DRAWINGS CB-3 & CB-3A

CURB REPLACEMENT ADJACENT TO CATCH BASIN
N.T.S



- 1 EXISTING PAVEMENT & RESURFACING (SEE TYPICAL SECTIONS)
- 2 APPLY HOT ASPHALT SEALER WHERE ASPHALT MEETS CURB (INCIDENTAL TO ITEM 441).

* NOTE: THIS IS A CONTINGENCY ITEM TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER. LIMITS TO BE MARKED IN THE FIELD BY THE ENGINEER.

CONCRETE SHALL BE PER THE LATEST EDITION OF THE HAMILTON COUNTY SUBDIVISION REGULATIONS

6\"/>

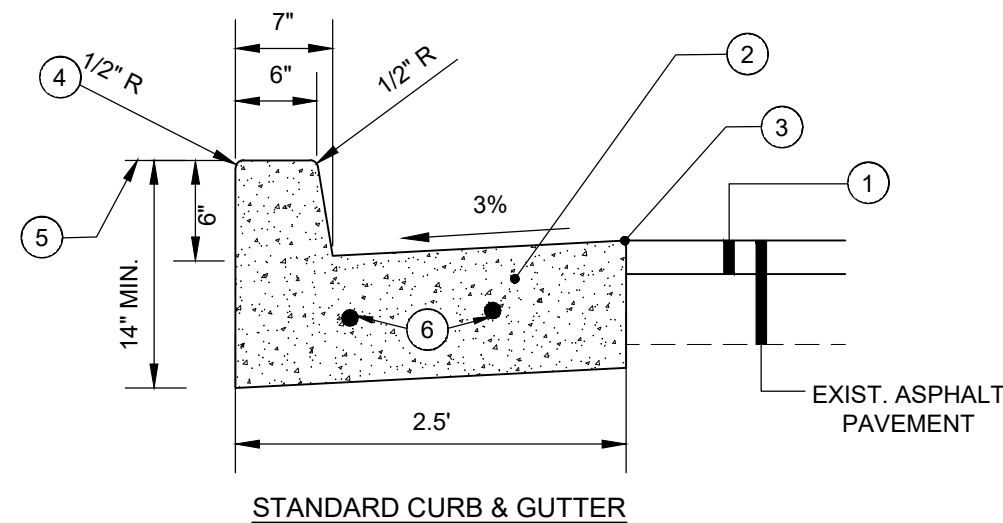
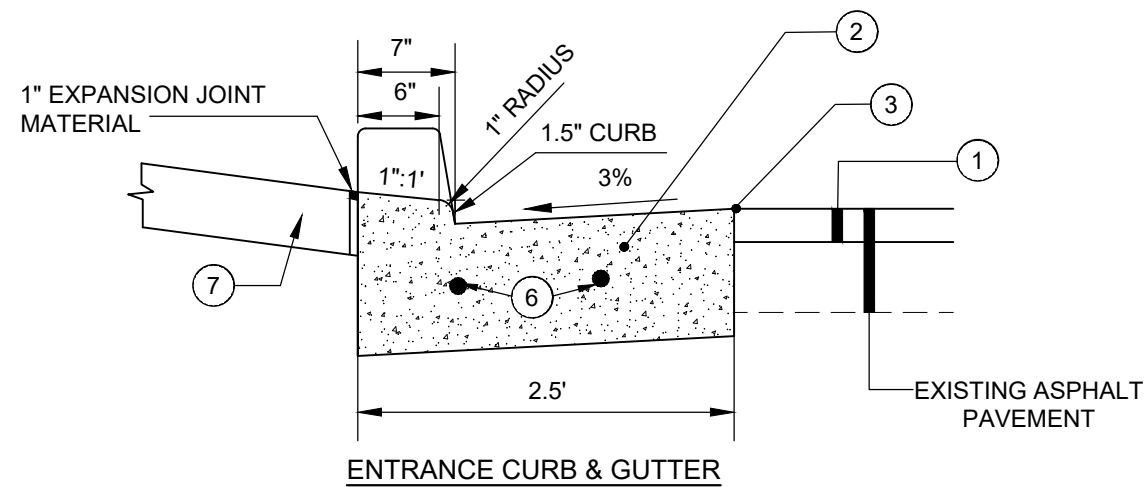
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CHURCH STREET ROADWAY
IMPROVEMENTS
CITY OF NEWTOWN
- HAMILTON COUNTY, OHIO -
DETAILS 2

PROJECT NO.	
241930	
DISCIPLINE	
CIVIL	
SHEET NAME	
DTL2	
SHEET	OF
3	8



- ① PROPOSED ASPHALT PAVEMENT RESURFACING (SEE TYPICAL SECTION)
- ② SAWCUT AND REMOVE EXISTING CURB (INCIDENTAL)
- ③ APPLY ASPHALT SEALER AT INTERFACE BETWEEN ASPHALT AND CONCRETE (INCIDENTAL TO ITEM)
- ④ TOP/EDGE OF REPLACEMENT CURB TO MATCH LINE & GRADE OF ADJACENT EXISTING CURB
- ⑤ YARD RESTORATION (4" TOPSOIL, SEED AND MULCH) - INCIDENTAL TO CURB REPLACEMENT
- ⑥ 5/8" DIA. DOWELS 18" LONG - DRILL 9" MIN. INTO EXIST. CURB
- ⑦ CONCRETE DRIVEWAY REPLACEMENT AS PER DETAIL

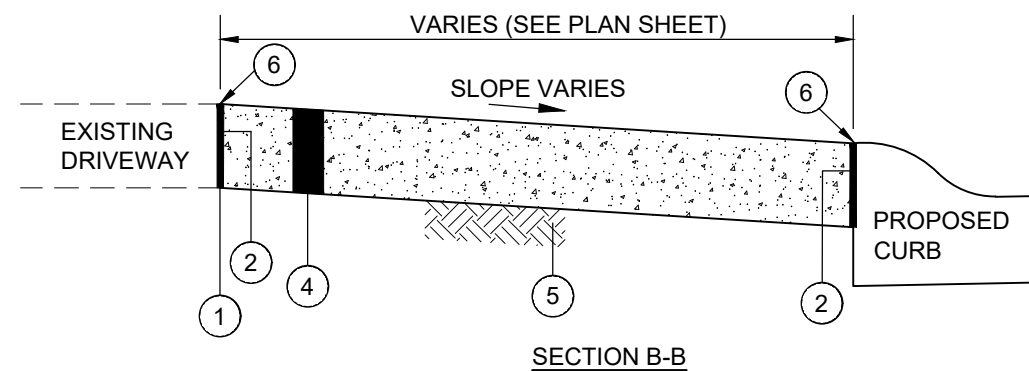
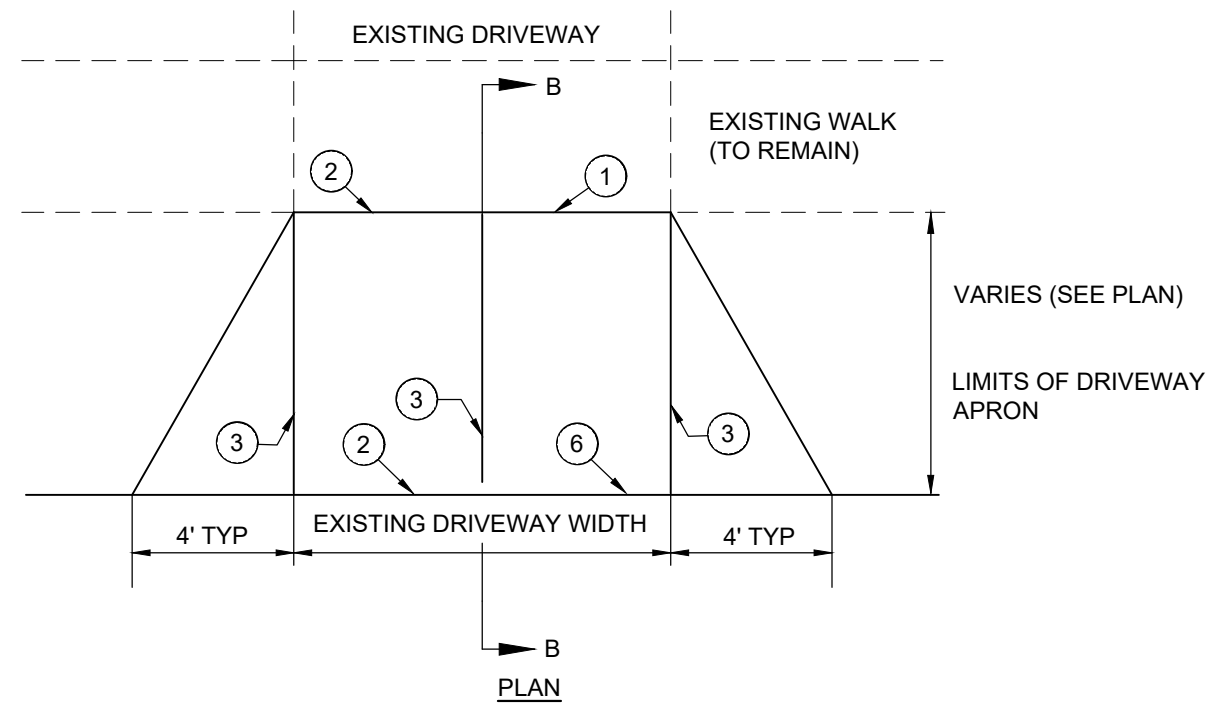
* NOTE: THIS IS A CONTINGENCY ITEM TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER LIMITS TO BE MARKED IN THE FIELD BY THE ENGINEER.

NOTE: CONTRACTOR SHALL FILL BEHIND CURB TO THE TOP OF THE CURB w/ TOPSOIL AND RESTORE YARD w/ SEED/MULCH. THE COST FOR TOPSOIL, SEED/MULCH SHALL BE INCIDENTAL TO THE UNIT PRICE BID FOR ROLLED CURB & GUTTER REPLACEMENT.

CONCRETE SHALL BE PER THE LATEST EDITION OF THE HAMILTON COUNTY SUBDIVISION REGULATIONS

6" CONCRETE VERTICAL CURB & GUTTER REPLACEMENT *

N.T.S.



- ① SAWCUT AT NEAREST JOINT AND REMOVE EXISTING CONCRETE PAVEMENT (INCIDENTAL TO ITEM SPL)
- ② 1" PREFORMED EXPANSION JOINT MATERIAL (FLEXIBLE FOAM-CERAMAR BY W.R. MEADOWS OR APPROVED EQUAL) - INCIDENTAL TO DRIVEWAY REPLACEMENT
- ③ TOOLED JOINT
- ④ 16" CONCRETE DRIVEWAY/APRON (PER HAMILTON COUNTY SUBDIVISION REGULATIONS)
- ⑤ COMPACTED SUBGRADE (INCIDENTAL TO 6" CONCRETE DRIVEWAY/APRON REPLACEMENT)
- ⑥ SEAL JOINT WITH GRAY SELF LEVELING SEALANT (SIKA FLEX OR APPROVED EQUAL)

NOTE:

1. ANY YARD AREA DISTURBED BY THE CONSTRUCTION OF THE DRIVEWAY APRON SHALL BE RESTORED WITH TOPSOIL, SEED AND MULCH (INCIDENTAL TO CONCRETE DRIVEWAY APRON REPLACEMENT).
2. ALL EXCAVATION REQUIRED FOR THE PLACEMENT OF THE PROPOSED DRIVEWAY SHALL BE INCIDENTAL TO CONCRETE DRIVEWAY REPLACEMENT BID ITEM.

* NOTE: THIS IS A CONTINGENCY ITEM TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER LIMITS TO BE MARKED IN THE FIELD BY THE ENGINEER.

CONCRETE DRIVEWAY REPLACEMENT (WITH SIDEWALK)

N.T.S.

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CHURCH STREET ROADWAY
IMPROVEMENTS
CITY OF NEWTOWN
- HAMILTON COUNTY, OHIO -

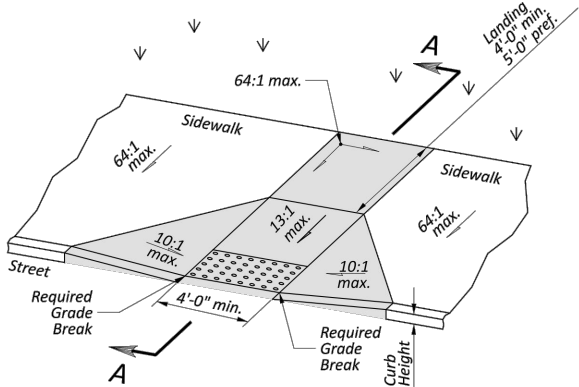
DETAILS 3

PROJECT NO.	241930
DISCIPLINE	CIVIL
SHEET NAME	DTL3
SHEET	4
OF	8

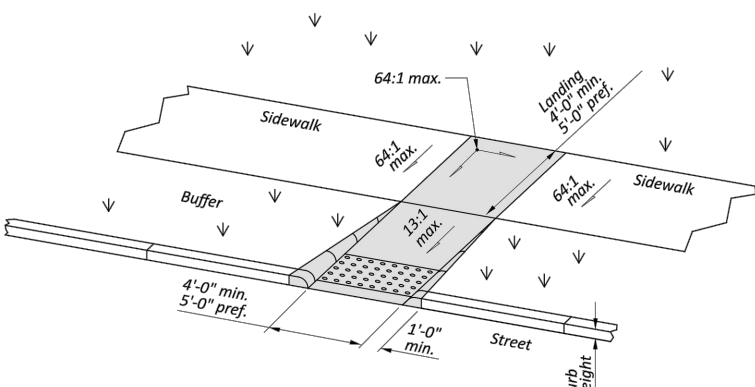
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BP-7.1

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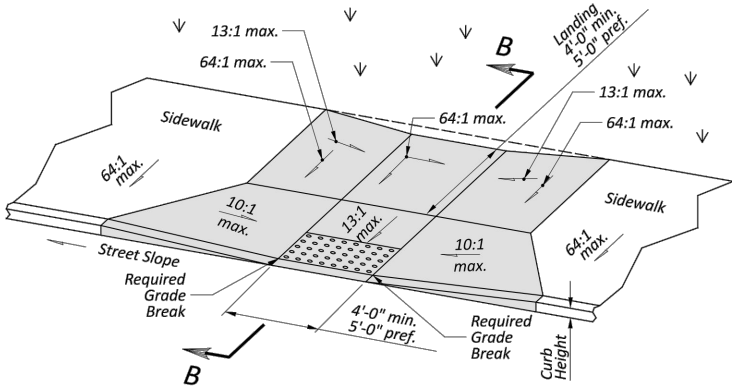


Type A1 (Perpendicular with flared sides)

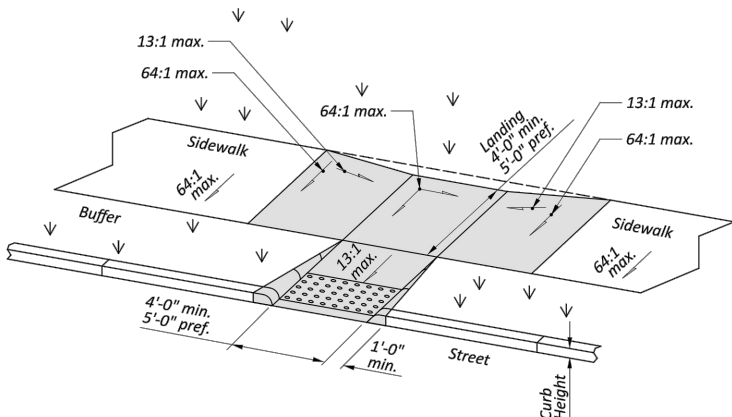


Type A2 (Perpendicular with returned curb)

PERPENDICULAR CURB RAMP DETAILS

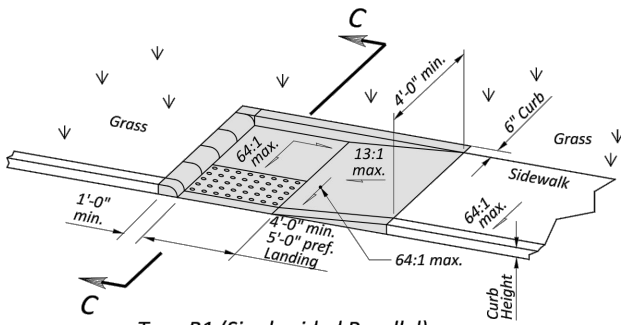


Type C1 (Combined with flared sides)

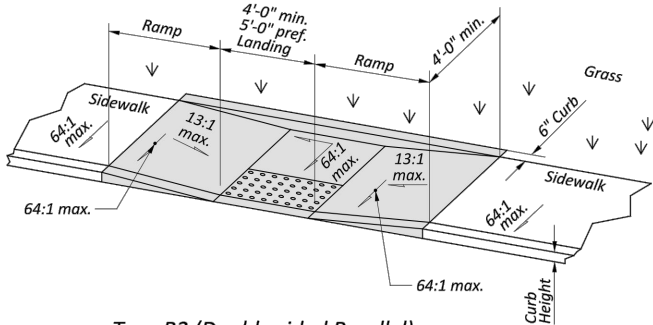


Type C2 (Combined with returned curb)

COMBINED CURB RAMP DETAILS



Type B1 (Single sided Parallel)



Type B2 (Double sided Parallel)

PARALLEL CURB RAMP DETAILS

NOTES CONTINUED

The running slope of the curb ramp shall be a 13:1 maximum or flatter. In existing sidewalks, where the maximum ramp slope is not feasible due to site constraints (e.g. utility poles or vaults, right-of-way limits) it may be adjusted as follows:

- A) 10:1 for a max. rise of 6",
B) 8:1 for a max. rise of 3",
C) 6:1 over a max. run of 2'-0" for historic areas where a flatter slope is not feasible.

To prevent chasing the grade indefinitely, the transition from existing sidewalk to the shaded curb ramp area is not required to exceed 15 feet in length.

While ramps may be skewed to the crosswalk, the entire lower landing area must fall within the cross walk that the ramp serves and cannot be located in the traveled lane of opposing traffic.

The counter slope of the gutter or street at the foot of a curb ramp, landing, or blended transitions shall be 20:1 or flatter.

The bottom edge of the ramp shall change planes perpendicular to the landing.

The edge of the curb shall be flush with the edge of the adjacent pavement and gutter and surface slopes that meet grade breaks shall also be flush.

Where pedestrian street crossings are without yield or stop control conditions, or at a traffic signal that is designed for green phase and vehicles do not slow to navigate the intersection, the maximum cross slope at the edge of the asphalt pavement and gutter may be increased as follows:

- D) 5% maximum cross slope at street crossings without yield or stop control
E) Cross slope may match grade of street asphalt edge profile at Mid-block Street Crossings

Ramp landings shall be 4' min. x 4' min. with a 64:1 or flatter cross slope and running slope.

Provide 24" wide level strip if the algebraic difference between the ramp slope and the street exceeds 11%.

DETECTABLE WARNINGS: Install Detectable Warnings on each curb ramp with approved materials, as shown on Sheet 3. Install these proprietary products as per manufacturer's written instructions.

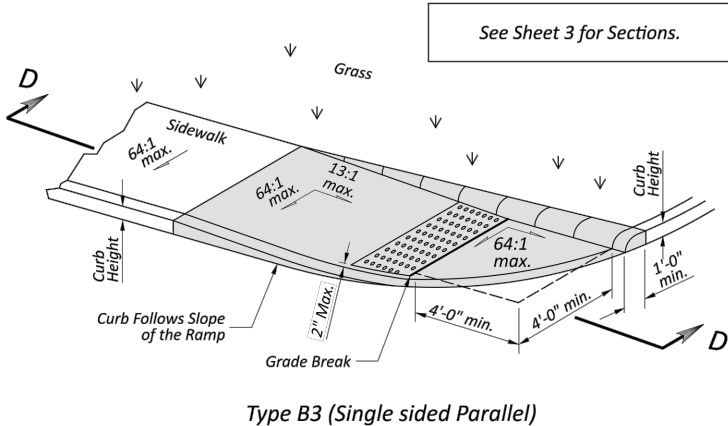
BLENDED TRANSITIONS: Blended Transitions do not require a landing since the slopes shall not exceed 5%.

DRAINAGE: Contractor is to ensure the base of each constructed curb ramp allows for proper drainage, without exceeding allowable cross slope or ramp slopes. Vertical change in level exceeding 1/4" between the 1) pavement and gutter, and 2) gutter and ramp, are not allowed.

SURFACE TEXTURE: Texture concrete surfaces by coarse brooming transverse to the ramp slopes to be rougher than the adjacent walk.

JOINTS: Provide expansion joints in the curb ramp as extensions of walk joints and consistent with Item 608.03 requirements for a new concrete walk. Provide a 1/2" Item 705.03 expansion joint filler around the edge of ramps built in existing concrete walks. Lines shown on this drawing indicate the ramp edges and slope changes, and do not necessarily indicate joint lines.

SLOPES: Where 13:1 maximum and 64:1 maximum slopes are listed, ramps shall be considered compliant for payment where the as-built slopes are 12:1 maximum and 50:1 maximum, respectively.



Type B3 (Single sided Parallel)

OFFICE OF ROADWAY ENGINEERING	DESIGN AGENCY
REVISIONS	SCD NUMBER
01-21-2022	BP-7.1
01-20-2023	SHEET
07-21-2023	P.2
01-19-2024	TOTAL
07-19-2024	4
01-17-2025	
STDS ENGINEER	
D. Fisher	
STATE OF OHIO OFFICE OF ROADWAY ENGINEERING ADMINISTRATOR	
Adam Koenig	

STANDARD ROADWAY CONSTRUCTION DRAWING
NEW CURB RAMPS
(with Detectable Warnings)

THIS DRAWING REPLACES BP-7.1 DATED 07-19-2024.

CHURCH STREET ROADWAY

IMPROVEMENTS

CITY OF NEWTOWN

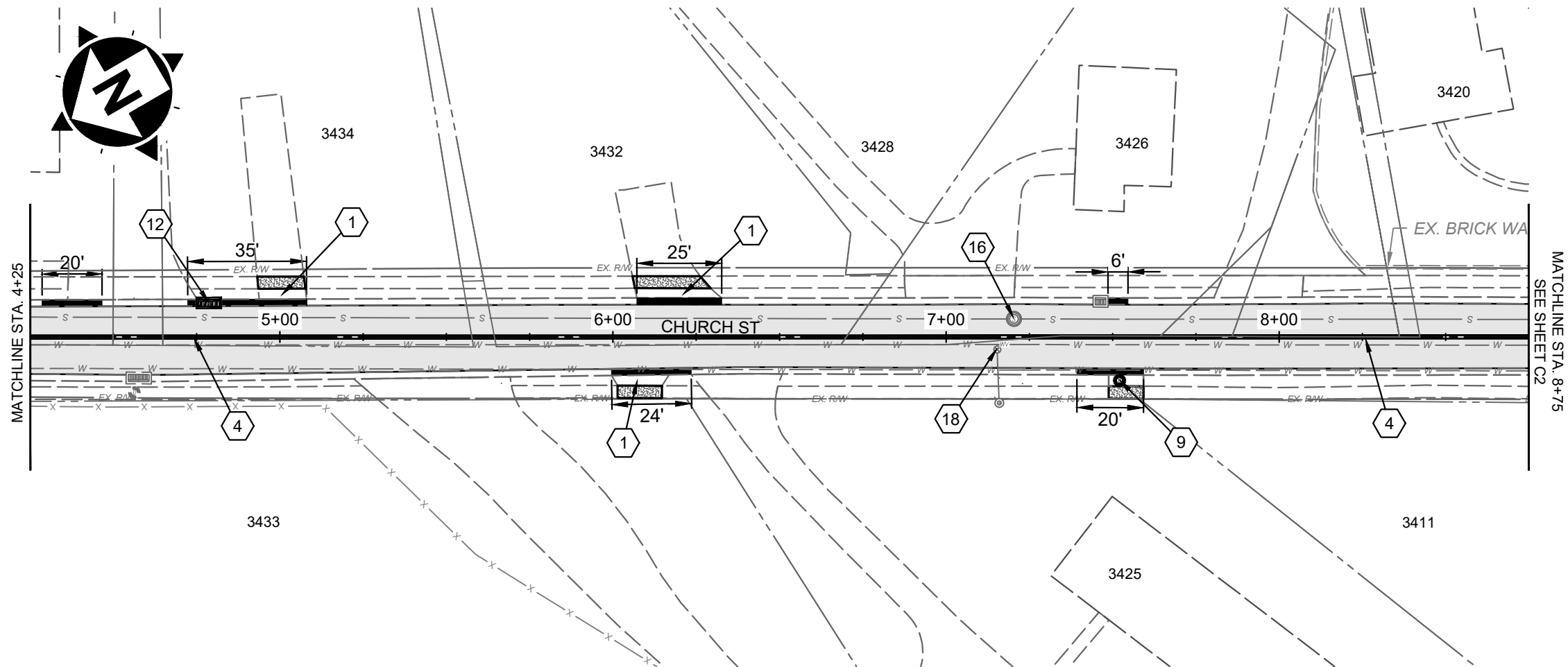
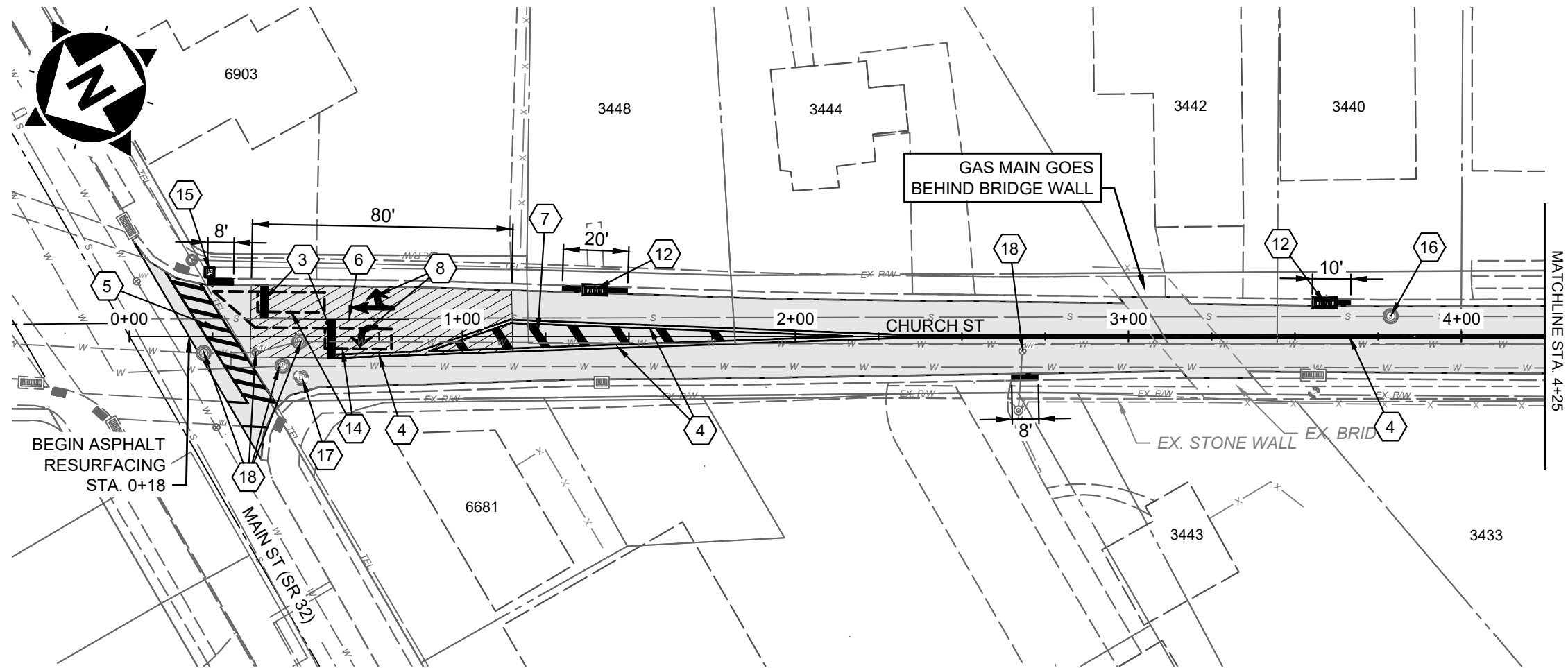
- HAMILTON COUNTY, OHIO -

DETAILS 4

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DRAWN BY:	EKRA
CHECKED BY:	FTWE

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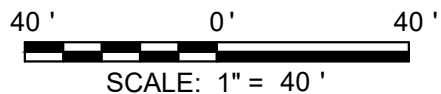


HATCH LEGEND

- ASPHALT PAVEMENT PLANING AND OVERLAY (2.5")
- SEE TYPICAL SECTIONS
- FULL DEPTH PAVEMENT REPAIR
- SEE TYPICAL SECTIONS
- CONCRETE SIDEWALK REPLACEMENT
- SEE DETAIL SHEET
- CONCRETE DRIVEWAY REPLACEMENT
- SEE DETAIL SHEET
- CURB AND GUTTER REPLACEMENT
- SEE DETAIL SHEET

CONSTRUCTION NOTES

- 1 REMOVE EXISTING CONC. APRON
- 2 REPLACE CURB RAMP
- 3 STOP BAR, 24" WHITE
- 4 CENTERLINE, 4" SOLID DOUBLE LINE, YELLOW
- 5 CROSSWALK MARKINGS, WHITE, PER DETAIL
- 6 CHANNELIZATION LINE, 4" WHITE
- 7 DIAGONAL PAVEMENT STRIPING, YELLOW
- 8 LANE ARROW, WHITE
- 9 REMOVE AND REPLACE TOP FRAME AND CASTING ON INLET (INLET NO. 2A)
- 10 REMOVE AND REPLACE TOP FRAME AND CASTING ON INLET (CB-3)
- 11 REMOVE AND REPLACE TOP FRAME AND CASTING ON INLET (CB-3A)
- 12 REMOVE AND REPLACE TOP FRAME AND CASTING ON INLET (D.G.I)
- 13 6" CONC. VERTICAL CURB
- 14 LOOP DETECTOR
- 15 LOOP DETECTOR TIE-IN
- 16 ADJUST SANITARY MANHOLE TO GRADE
- 17 ADJUST STORM MANHOLE TO GRADE
- 18 ADJUST WATER VALVE / MANHOLE TO FINISHED GRADE



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CHURCH STREET ROADWAY IMPROVEMENTS

**CITY OF NEWTOWN
- HAMILTON COUNTY, OHIO -**

CHURCH ST STA 0+00 TO 8+75

PROJECT NO.

241930

DISCIPLINE

CIVIL

SHEET NAME

C1

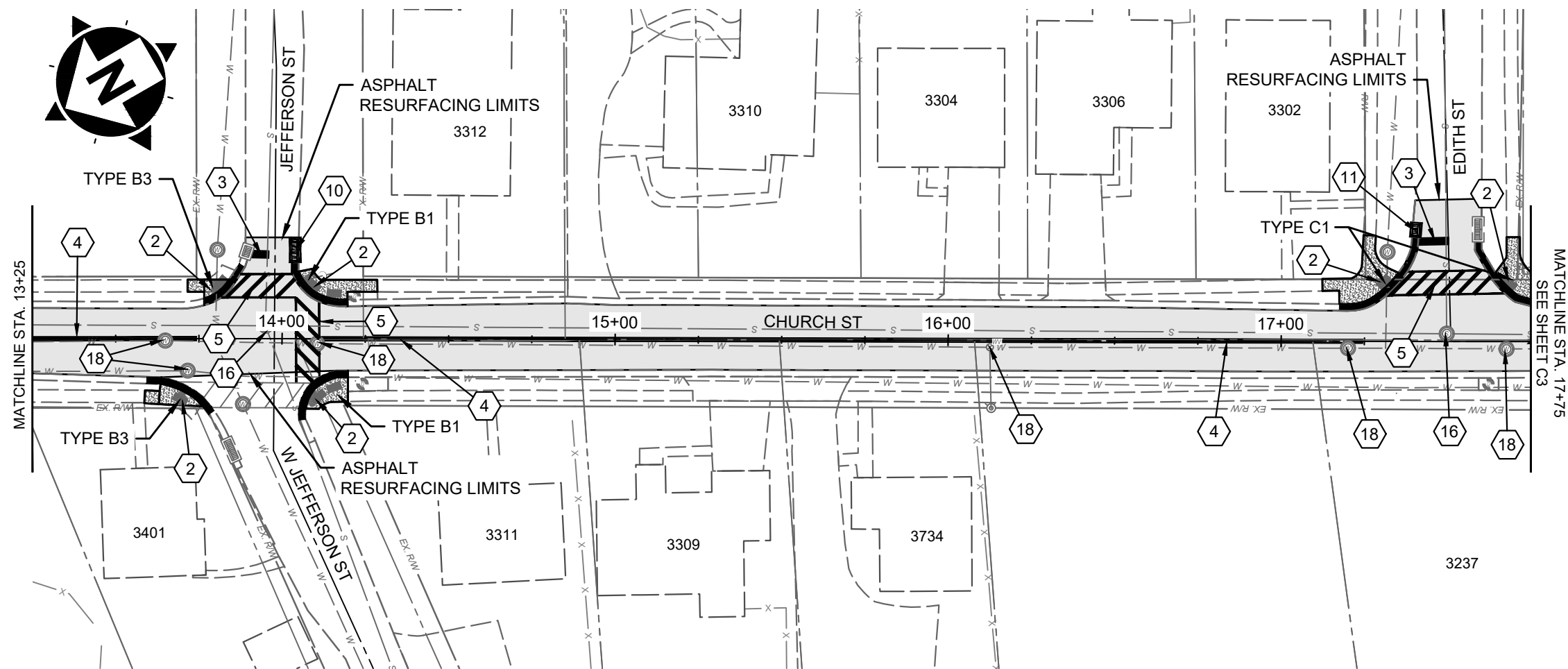
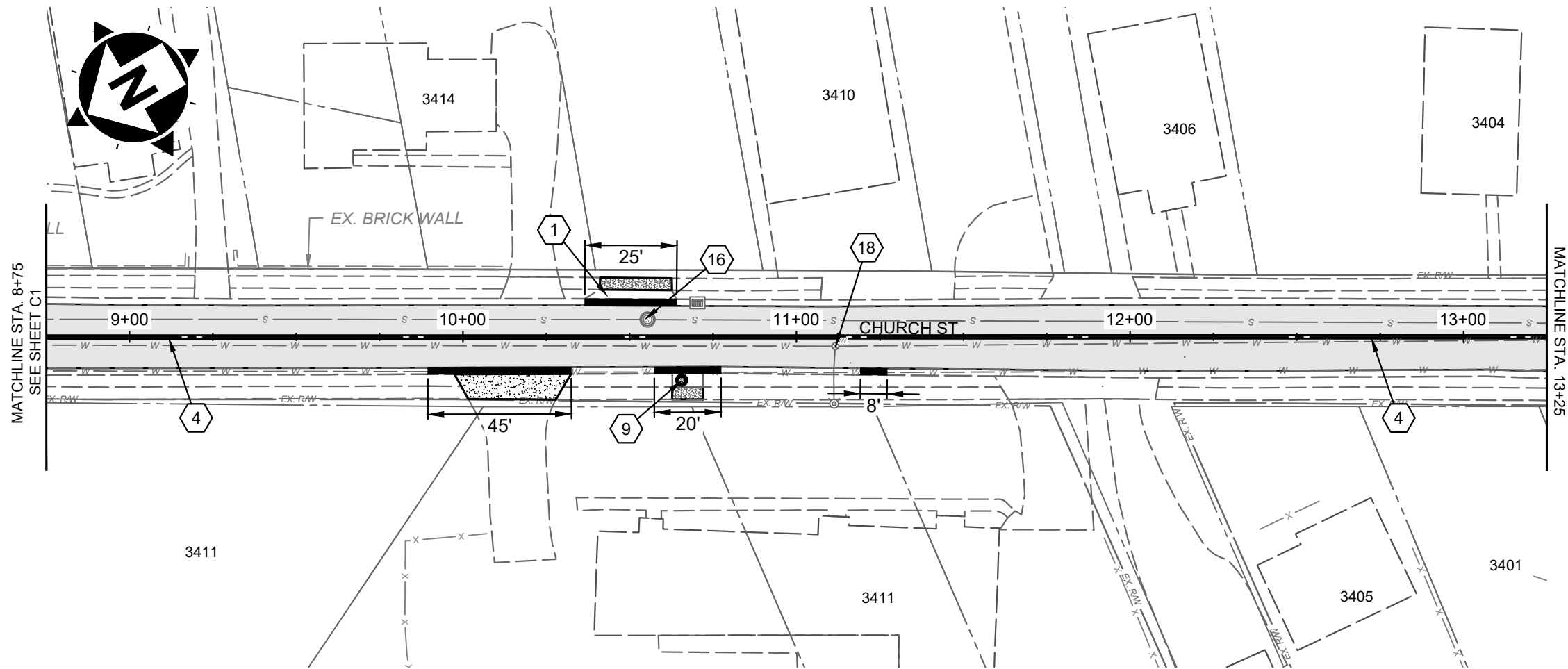
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OF

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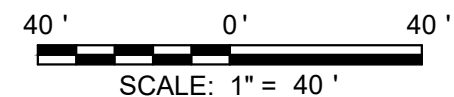


HATCH LEGEND

- ASPHALT PAVEMENT PLANING AND OVERLAY (2.5")
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- FULL DEPTH PAVEMENT REPAIR
- SEE TYPICAL SECTIONS
- CONCRETE SIDEWALK REPLACEMENT
- SEE DETAIL SHEET
- CONCRETE DRIVEWAY REPLACEMENT
- SEE DETAIL SHEET
- CURB AND GUTTER REPLACEMENT
- SEE DETAIL SHEET

CONSTRUCTION NOTES

- 1 REMOVE EXISTING CONC. APRON
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- 3 STOP BAR, 24" WHITE
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- 8 LANE ARROW, WHITE
- 9 REMOVE AND REPLACE TOP FRAME AND CASTING ON INLET (INLET NO. 2A)
- 10 REMOVE AND REPLACE TOP FRAME AND CASTING ON INLET (CB-3)
- 11 REMOVE AND REPLACE TOP FRAME AND CASTING ON INLET (CB-3A)
- 12 REMOVE AND REPLACE TOP FRAME AND CASTING ON INLET (D.G.I)
- 13 6" CONC. VERTICAL CURB
- 14 LOOP DETECTOR
- 15 LOOP DETECTOR TIE-IN
- 16 ADJUST SANITARY MANHOLE TO GRADE
- 17 ADJUST STORM MANHOLE TO GRADE
- 18 ADJUST WATER VALVE / MANHOLE TO FINISHED GRADE



verdantas

CHURCH STREET ROADWAY

IMPROVEMENTS

CITY OF NEWTOWN
- HAMILTON COUNTY, OHIO -

CHURCH ST STA 8+75 TO 17+75

PROJECT NO.

241930

DISCIPLINE

CIVIL

SHEET NAME

C2

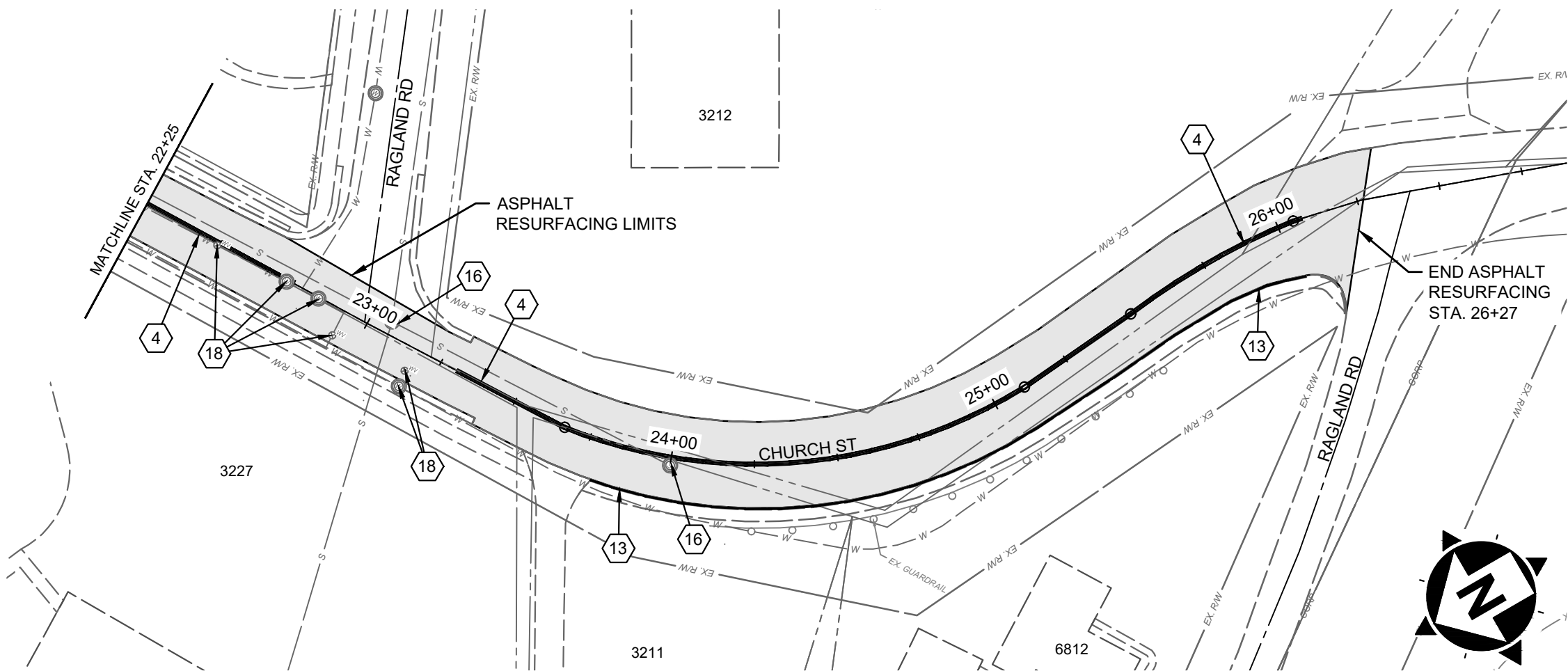
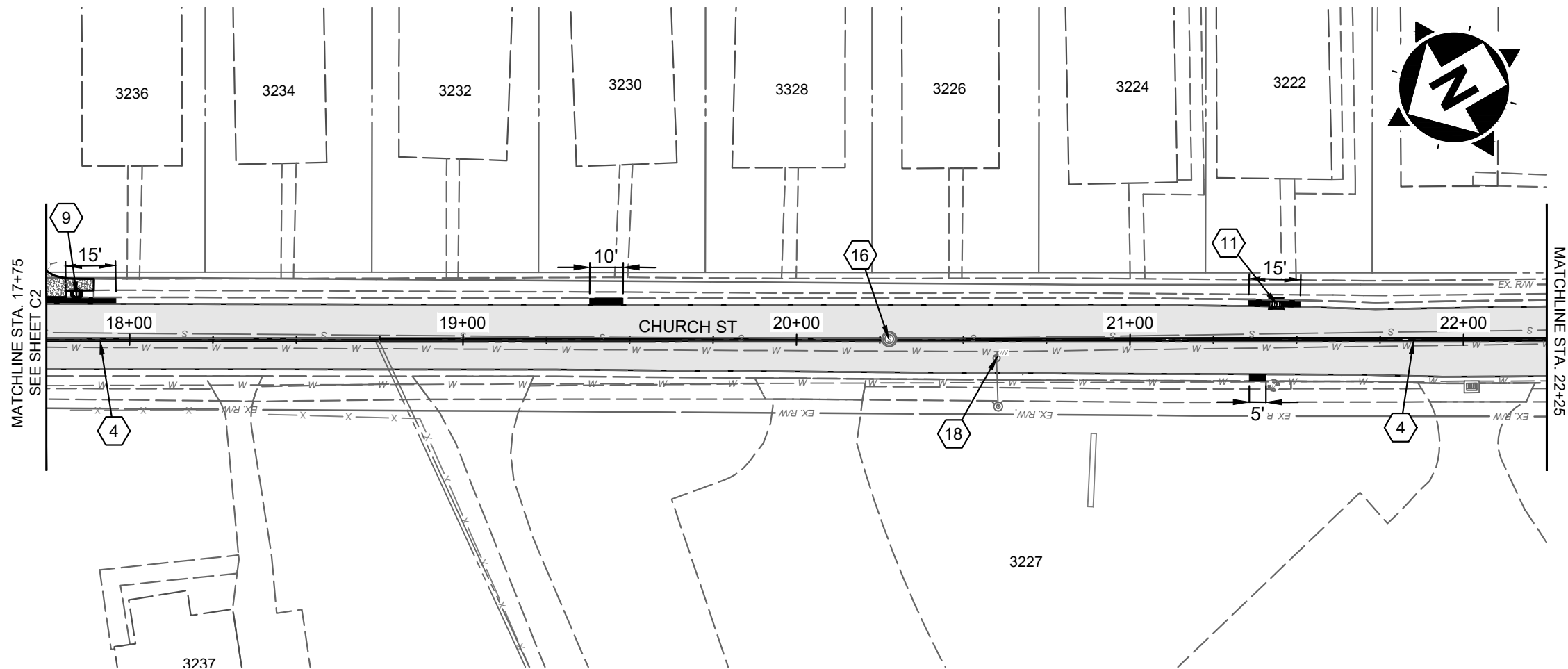
SHEET

7

OF

8

H:\2024\241930\DWGS\SHEETS\C-3 CHURCH ST STA 17+75 TO END - 1/20/2025 3:03:57 PM - EVAN KRAMER



HATCH LEGEND

- ASPHALT PAVEMENT PLANING AND OVERLAY (2.5")
- SEE TYPICAL SECTIONS
- FULL DEPTH PAVEMENT REPAIR
- SEE TYPICAL SECTIONS
- CONCRETE SIDEWALK REPLACEMENT
- SEE DETAIL SHEET
- CONCRETE DRIVEWAY REPLACEMENT
- SEE DETAIL SHEET
- CURB AND GUTTER REPLACEMENT
- SEE DETAIL SHEET

CONSTRUCTION NOTES

- REMOVE EXISTING CONC. APRON
- REPLACE CURB RAMP
- STOP BAR, 24" WHITE
- CENTERLINE, 4" SOLID DOUBLE LINE, YELLOW
- CROSSWALK MARKINGS, WHITE, PER DETAIL
- CHANNELIZATION LINE, 4" WHITE
- DIAGONAL PAVEMENT STRIPING, YELLOW
- LANE ARROW, WHITE
- REMOVE AND REPLACE TOP FRAME AND CASTING ON INLET (INLET NO. 2A)
- REMOVE AND REPLACE TOP FRAME AND CASTING ON INLET (CB-3)
- REMOVE AND REPLACE TOP FRAME AND CASTING ON INLET (CB-3A)
- REMOVE AND REPLACE TOP FRAME AND CASTING ON INLET (D.G.I)
- 6" CONC. VERTICAL CURB
- LOOP DETECTOR
- LOOP DETECTOR TIE-IN
- ADJUST SANITARY MANHOLE TO GRADE
- ADJUST STORM MANHOLE TO GRADE
- ADJUST WATER VALVE / MANHOLE TO FINISHED GRADE

verdantas

ISSUED FOR:	BID
ISSUE DATE:	01/31/2025
SCALE:	AS SHOWN
DESIGNED BY:	JBOW
DRAWN BY:	EKRA
CHECKED BY:	FTWE

CHURCH STREET ROADWAY

IMPROVEMENTS

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- HAMILTON COUNTY, OHIO -

CHURCH ST STA 17+75 TO END

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