

S. HICKORY STREET RECONSTRUCTION

VILLAGE OF OTTAWA

PUTNAM COUNTY, OHIO

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VICINITY MAP
N 41° 01' 07" W 84° 02' 45"

APPROVED SIGNATURES

DATE	J. DEAN MEYER MAYOR, VILLAGE OF OTTAWA, OHIO
DATE	JULIA A. NIESE CLERK-TREASURER, VILLAGE OF OTTAWA, OHIO
DATE	GREGORY A. BOCKRATH P.E., P.S. BOCKRATH & ASSOCIATES ENGINEERING AND SURVEYING, LLC

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S. HICKORY STREET RECONSTRUCTION
VILLAGE OF OTTAWA, OHIO

TITLE SHEET

REVISED	
DESIGNED BY	KMB 4/10/25
SHEET	1
OF	5 SHEETS

Bockrath & Associates
Engineering and Surveying, LLC
115 S. Fair Avenue, Suite A - Ottawa - Ohio
Phone: 419.523.5789

FOR BIDS 6-11-25

GENERAL

IN GENERAL, ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION MATERIALS SPECIFICATIONS AND/OR THE OHIO ENVIRONMENTAL PROTECTION AGENCY. PARAGRAPH, ITEM AND SECTION NUMBERS SHOWN HEREIN AND ON THE DRAWINGS SHALL REFER TO SAID ODOT SPECIFICATIONS. ALL NOTES AND REQUIREMENTS CONTAINED HEREIN WHICH DO NOT REFER TO A PARTICULAR STATE SPECIFICATION SHALL BE CONSIDERED SUPPLEMENTARY TO SAID STATE SPECIFICATIONS.

REGULATIONS

ALL WORK MUST COMPLY WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS IN ALL RESPECTS INCLUDING COMPLIANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT.

BEGINNING CONSTRUCTION STAKING

LOCATION AND GRADE STAKES SHALL BE SET BY THE ENGINEER. THE CONTRACTOR WILL NOTIFY THE ENGINEER 48 HOURS PRIOR TO BEGINNING ACTUAL CONSTRUCTION AND WHEN REQUESTING ADDITIONAL STAKING.

PRIVATE PROPERTY

THE CONTRACTOR MUST AT ALL TIMES CONDUCT HIS OPERATIONS WITHIN THE PUBLIC RIGHT-OF-WAY, UTILITY EASEMENTS OR WORK AGREEMENTS AS SHOWN ON THE PLANS.

MAINTAINING TRAFFIC

STREETS CAN HAVE ROADWAY CLOSURES DURING WORK HOURS WHEN THE CONTRACTOR IS ACTIVELY WORKING ON EACH ROAD. ACCESS TO DRIVEWAYS WITHIN THE PROJECT AREAS IS TO BE MAINTAINED. ROADWAYS ARE TO BE OPENED TO LOCAL TRAFFIC WHEN THE CONTRACTOR IS NOT ACTIVELY WORKING ON SAID ROADWAY AND OUTSIDE OF WORK HOURS. SPECIFIC ATTENTION MUST BE MADE TO MINIMIZING THE DRIVEWAY ACCESS CLOSURES TO THE VARIOUS BUSINESSES AND RESIDENCES WITHIN THE PROJECT AREA. CONTRACTOR IS TO GIVE ADJOINING AFFECTED OWNERS AT LEAST 48 HOURS NOTICE PRIOR TO AFFECTING THEIR DRIVE ACCESS.

MAINTAINING PUBLIC SAFETY

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND MAINTAINING ALL LIGHTS, SIGNS AND BARRICADES NECESSARY TO MAINTAIN PUBLIC SAFETY.

UTILITIES

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.
LISTED BELOW ARE ALL THE UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS WITH THEIR RESPECTIVE OWNERS:

ELECTRIC: AMERICAN ELECTRIC POWER 369 O'CONNER STREET P.O. BOX 210 LIMA, OHIO 45801 (419) 443-4637	CABLE / DATA TELEVISION: GLANDORF TELEPHONE
NATURAL GAS: ENBRIDGE 215 WEST MARKET STREET LIMA, OHIO 45801 (419) 226-4700	TELEPHONE: CENTURYLINK 122 SOUTH ELIZABETH STREET LIMA, OHIO 45801 (800) 362-2764
WATER AND SEWER: VILLAGE OF OTTAWA WATER/SEWER DEPARTMENT OTTAWA, OHIO (419) 523-5020	

ELEVATION DATUM

ALL ELEVATIONS ARE BASED ON NAVD 88 DATUM.

WORK LIMITS

THE WORK LIMITS FOR THIS PROJECT SHALL BE ASSUMED TO BE ALL AREAS WITHIN THE EXISTING RIGHT-OF-WAY UNLESS OTHERWISE NOTED.

PROTECTION OF RIGHT-OF-WAY LANDSCAPING

PRIOR TO BEGINNING WORK, THE CONTRACTOR, THE PROJECT ENGINEER, AND A REPRESENTATIVE OF THE MAINTAINING AGENCY WILL REVIEW AND RECORD ALL LANDSCAPING ITEMS WITHIN THE RIGHT OF WAY (BOTH WITHIN AND OUTSIDE THE CONSTRUCTION LIMITS) A RECORD OF THIS REVIEW WILL BE KEPT IN THE PROJECT ENGINEERS FILES. PRIOR TO FINAL ACCEPTANCE, A FINAL REVIEW OF LANDSCAPING ITEMS WILL BE MADE. CONSTRICT ALL ACTIVITIES, EQUIPMENT STORAGE, AND STAGING TO WITHIN THE CONSTRUCTION LIMITS.

CLEARING AND GRUBBING

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

SAFETY REQUIREMENTS

THE CONTRACTOR AND SUBCONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTOR TO INITIATE AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN A CLEAN AND SAFE WORKSITE. ALL BID UNIT PRICING SHALL INCLUDE COSTS FOR SAFETY FENCE, BARRICADES, SIGNAGE, ETC. TO COMPLY WITH ALL OSHA REQUIREMENTS.

PERMITS

THE OWNER WILL OBTAIN ALL NECESSARY PERMITS NECESSARY FOR THIS PROJECT.

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE (TO INCLUDE BUT NOT LIMITED TO ALL LABOR, MATERIALS AND EQUIPMENT) FOR THE PERTINENT BID ITEM.

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE STATE, REPRESENTATIVES OF THE STATE AND CONTRACTOR, ALONG WITH LOCAL REPRESENTATIVES SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDITIONS AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE ENGINEER.

THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES (AND SUBSEQUENT UTILITY CROSSINGS) PRIOR TO THE CONSTRUCTION AND/OR PLACEMENT OF ANY STORM SEWER STRUCTURES OR CONDUIT. IF A CONFLICT IS ANTICIPATED THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR THEIR PROJECT REPRESENTATIVE IMMEDIATELY. UPON DISCOVERY AND ANALYSIS, THE ENGINEER MAY ADJUST THE FLOW LINE OR MODIFY THE DEPTH OF THE STRUCTURE, OR CONDUIT, TO MITIGATE THE DISCOVERED CONFLICT.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE ENGINEER.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AND NO ADDITIONAL COST TO THE PROJECT.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE (TO INCLUDE BUT NOT LIMITED TO LABOR, MATERIALS AND EQUIPMENT) SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 603 OR 604 ITEMS. NO ADDITIONAL COMPENSATION WILL BE AWARDED FOR ANY ADJUSTMENTS TO THE STORM SEWER CONDUIT OR STRUCTURES.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

EROSION CONTROL

THE OWNER SHALL BE RESPONSIBLE FOR THE DEVELOPMENT, AND APPROVAL OF THE EROSION CONTROL PLAN AND PERTINENT PERMITS APPLYING TO SAID PLAN. ALL COSTS ASSOCIATED WITH THE DEVELOPMENT, CREATION, SUBMISSION (OF PLANS AND PERMITS), AND FEES SHALL BE ASSUMED BY THE OWNER.

EROSION CONTROL ITEMS SHALL BE INSTALLED PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY. THE ENGINEER OR CONTROLLING AGENCY RESERVES THE RIGHT TO CHECK BEARING OF STREET SUBGRADE AND TEST DENSITY OF TRENCH BACKFILL FOR STORM, SANITARY AND WATERLINE SYSTEMS. THE CONTRACTOR IS TO NOTIFY THE ENGINEER 72 HOURS PRIOR TO COMMENCEMENT OF WORK.

MISCELLANEOUS WORK

ALL ITEMS OF WORK CALLED FOR ON THE PLANS FOR WHICH NO SPECIFIC METHOD OF PAYMENT IS PROVIDED SHALL BE PERFORMED BY THE CONTRACTOR AND THE COST OF THE SAME SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS RELATED ITEMS.

EXISTING CONDITIONS

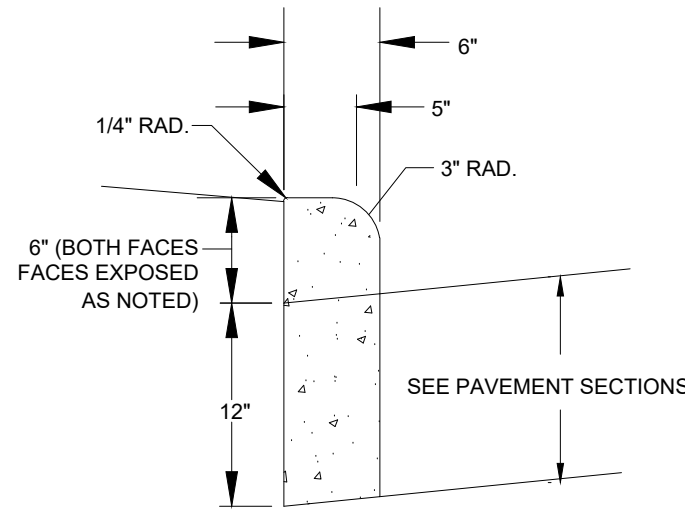
CONTRACTOR SHALL TAKE EXTRA CARE NOT TO DAMAGE ANY OF THE ADJOINING PAVEMENT, CURBS, WALKS, WALLS, ETC. WHICH ARE NOT TO BE DISTURBED AS A PART OF THIS PROJECT. IF DAMAGES OCCUR, THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING THE DAMAGED AREAS AT THEIR OWN COST. SAID REPAIRS WILL BE SUBJECT TO THE APPROVAL OF THE VILLAGE OF OTTAWA AND THE ENGINEER. CONTRACTOR WILL NOT BE PERMITTED TO SPILL OR TRACK CONCRETE OR OTHER BUILDING MATERIALS ONTO THE ADJOINING NEW ASPHALT AND/OR CURB. IF SAID AREAS ARE DAMAGED THE CONTRACTOR WILL BE RESPONSIBLE TO RESTORE THE AREA TO ITS ORIGINAL CONDITION AND ALL COSTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

CONCRETE DRIVES AND WALKS

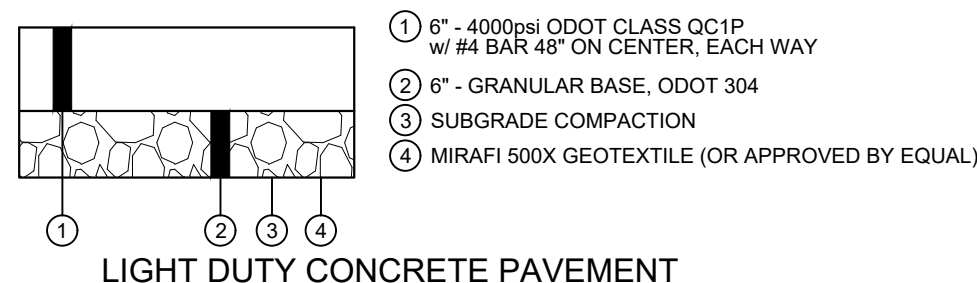
4" CONCRETE WALKS & 6" CONCRETE DRIVES: CONCRETE WALKS, DRIVES AND CURB RAMPS SHALL BE REINFORCED AND DOWELED INTO THE PROPOSED CURB. TO CLARIFY, THIS APPLIES TO SIDEWALKS, DRIVE APRONS AND CURB RAMPS. THE REINFORCING SHALL BE A #4 REBAR MAT IN THE CENTER OF THE CAST-IN-PLACE SLAB AT MAXIMUM 4 FOOT ON CENTER AND ALSO THE DOWELS SHALL BE AT MAXIMUM 4 FOOT SPACING. THE DOWELS ALSO SHALL BE #4 REBAR IN A 3/8" DIAMETER DRILLED HOLE INTO THE CURB, SIDEWALK, DRIVE, ETC.

FINISH GRADING AND SEEDING

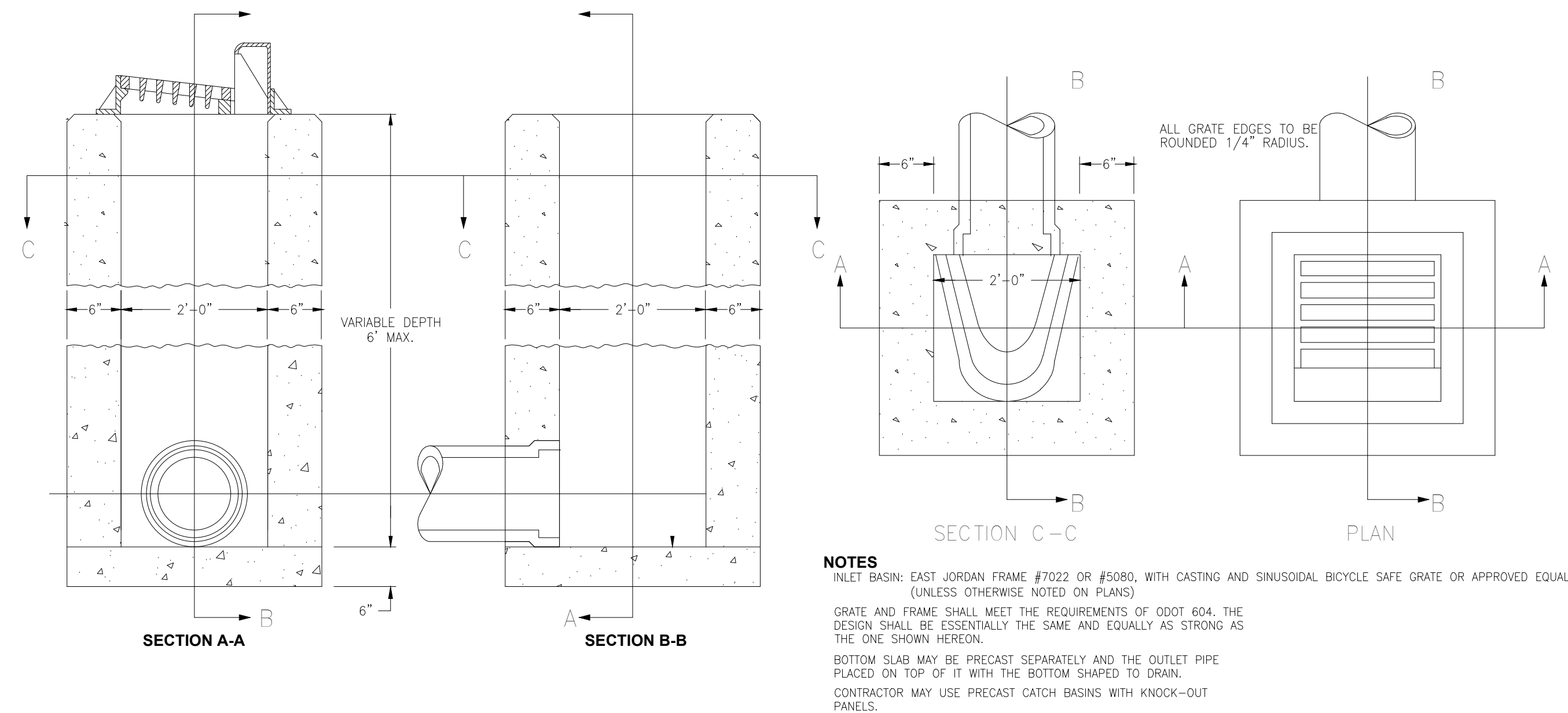
CONTRACTOR SHALL PLACE PREMIUM TOPSOIL, SEED AND MULCH BEHIND THE NEWLY CONSTRUCTED CURB & GUTTER. TOPSOIL BACKFILL SHALL BE A MINIMUM OF 9-INCHES IN DEPTH.



ITEM 609 - TYPE 6 CURB



PAVING SPECIFICATIONS



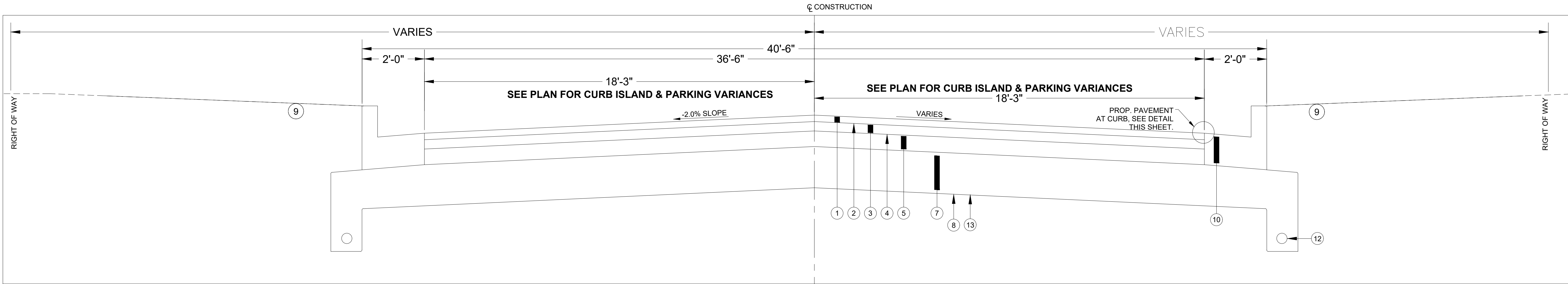
CATCH BASIN 2-2-B

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S. HICKORY STREET RECONSTRUCTION
VILLAGE OF OTTAWA, OHIO
GENERAL NOTES AND DETAILS

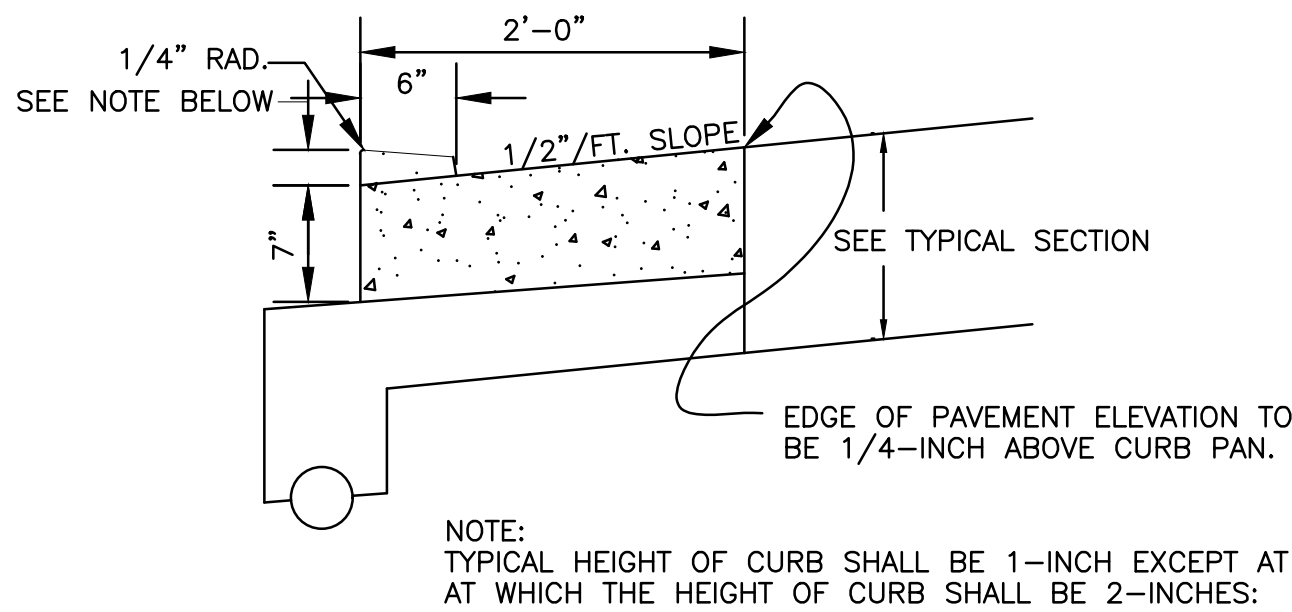
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DESIGNED BY	KMB 4/10/25
SHEET - 2	
OF 5 SHEETS	

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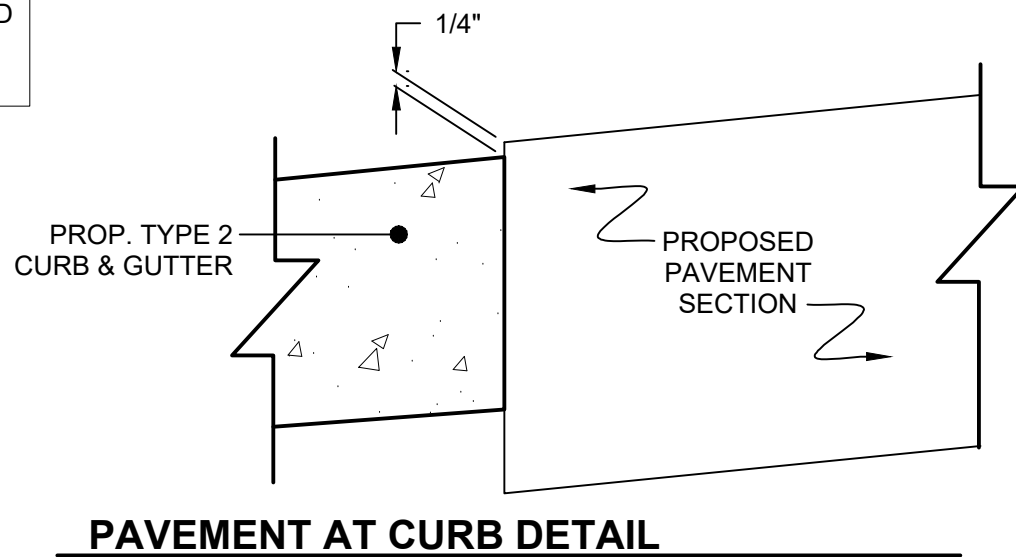
HICKORY STREET TYPICAL SECTION

WALNUT STREET: STATION 1+31.04 TO STATION 4+86.36= 355.32 FT



TYPE 2 CURB, AS PER PLAN (DRIVEWAYS)

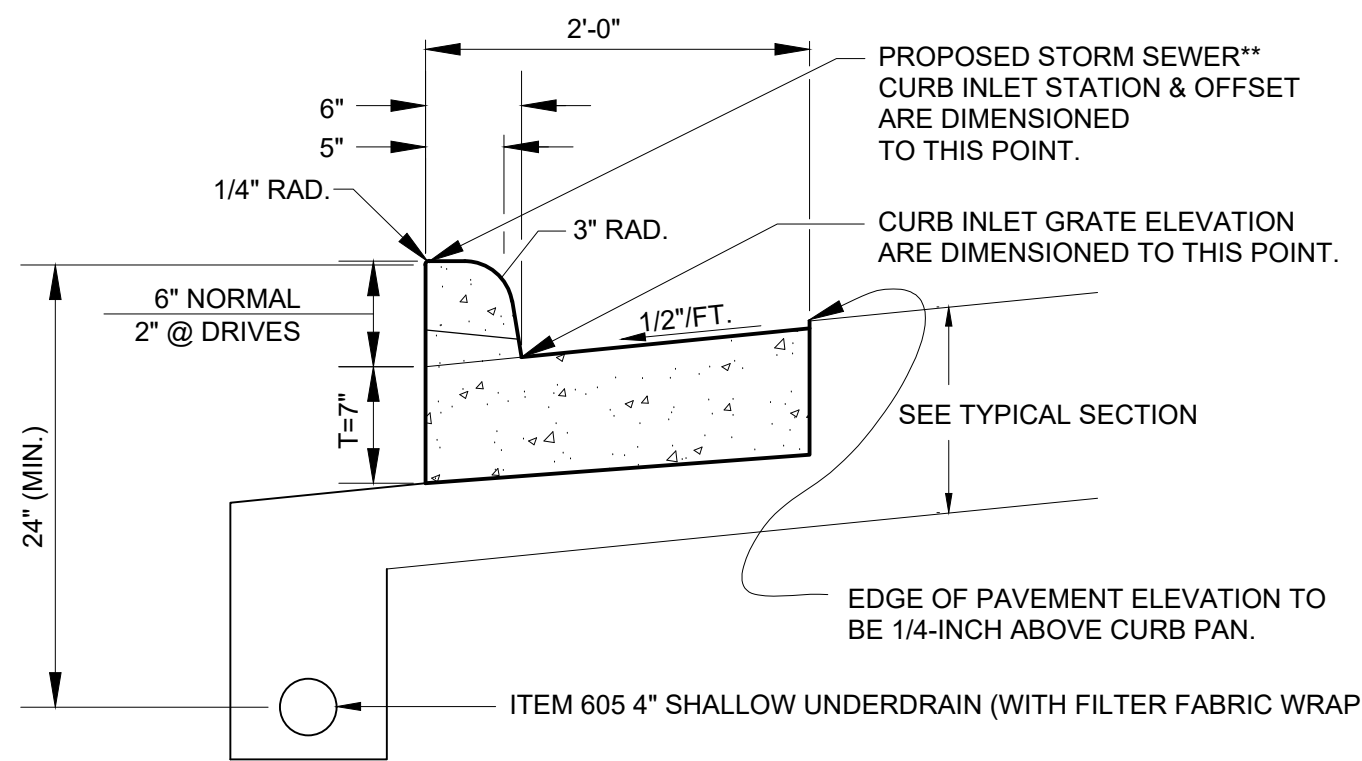
CONCRETE WALKS, DRIVES AND CURB RAMPS SHALL BE REINFORCED AND DOWELED INTO THE PROPOSED CURB.
TO CLARIFY, THIS APPLIES TO SIDEWALKS, DRIVE APRONS AND CURB RAMPS. THE REINFORCING SHALL BE A #4 REBAR MAT IN THE CENTER OF THE CAST-IN-PLACE SLAB AT MAXIMUM 4 FOOT ON CENTER AND ALSO THE DOWELS SHALL BE AT MAXIMUM 4 FOOT SPACING. THE DOWELS ALSO SHALL BE #4 REBAR AND CAN BE DRILLED INTO THE CURB, SIDEWALK, DRIVE, ETC.



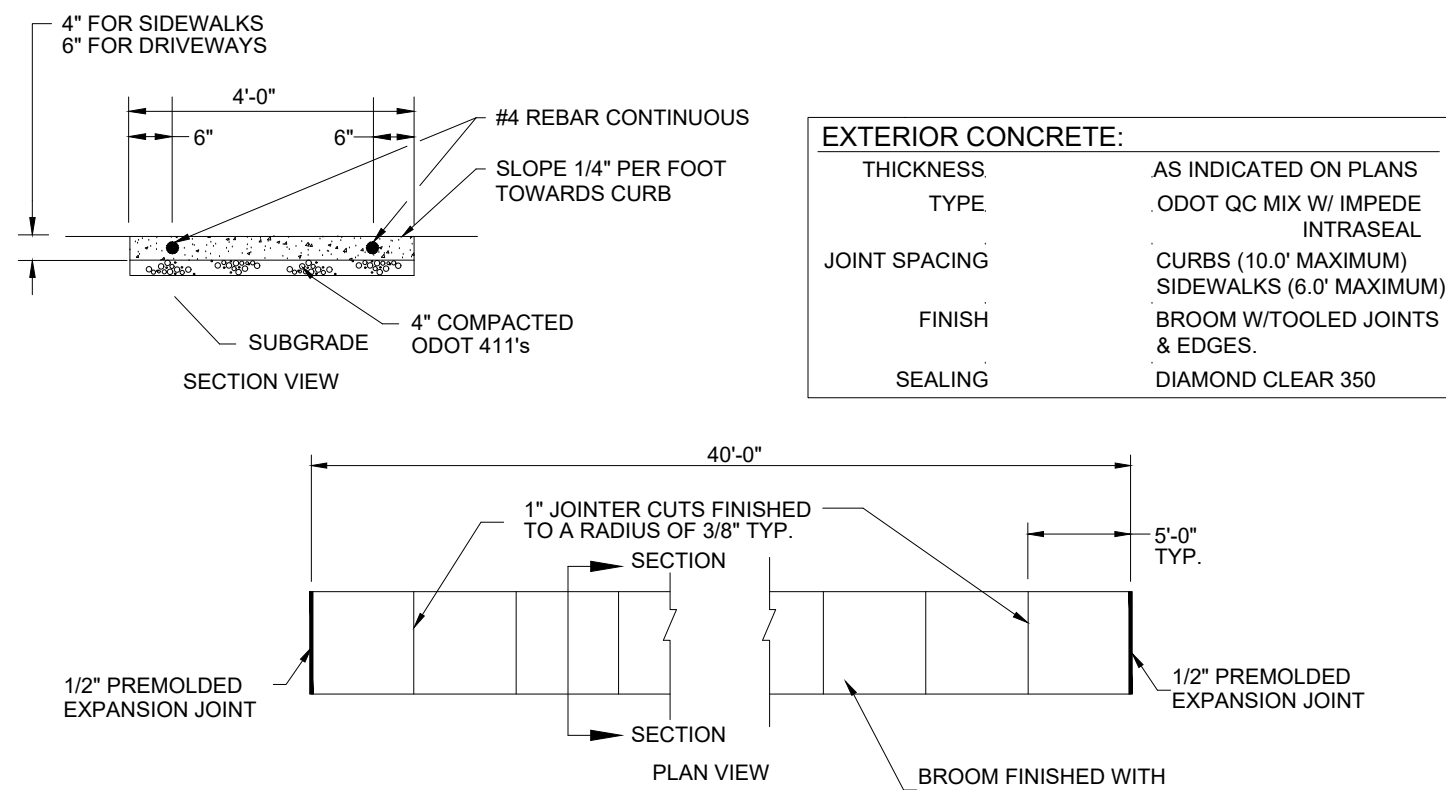
PAVEMENT AT CURB DETAIL

LEGEND

- 1 ITEM 448 1.25" ASPHALT SURFACE COURSE, TYPE 1, PG64-22
- 2 ITEM 407 TACK COAT FOR INTERMEDIATE COURSE (0.075 GAL. / SY)
- 3 ITEM 448 1.75" ASPHALT INTERMEDIATE COURSE, TYPE 2, PG64-22
- 4 ITEM 407 TACK COAT (0.04 GAL. / SY)
- 5 ITEM 301 3" BITUMINOUS AGGREGATE BASE, PG64-22
- 6 NOT USED
- 7 ITEM 304 8" AGGREGATE BASE (LOWER 4" RECYCLED MATERIAL ALLOWED**)
- 8 ITEM 204 SUBGRADE COMPACTION
- 9 STRAIGHT GRADE BETWEEN EXISTING SIDEWALK & PROPOSED CURB & SEED
- 10 TYPE 2 COMBINATION CURB & GUTTER, SEE DETAIL THIS SHEET
- 11 ITEM 659 SEEDING AND MULCHING
- 12 ITEM 605 4" SHALLOW UNDERDRAIN (WITH FILTER FABRIC WRAP)
- 13 MIRAFI 500X GEOTEXTILE, OR APPROVED EQUAL



TYPE 2 CURB & GUTTER DETAIL



CONCRETE WALK DETAIL

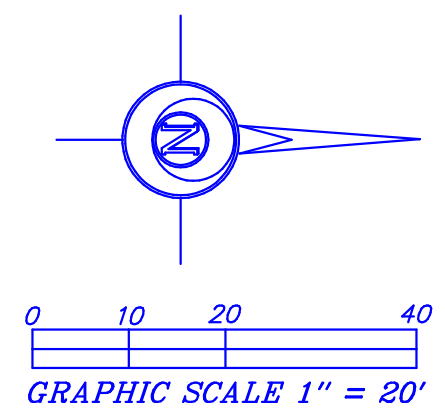
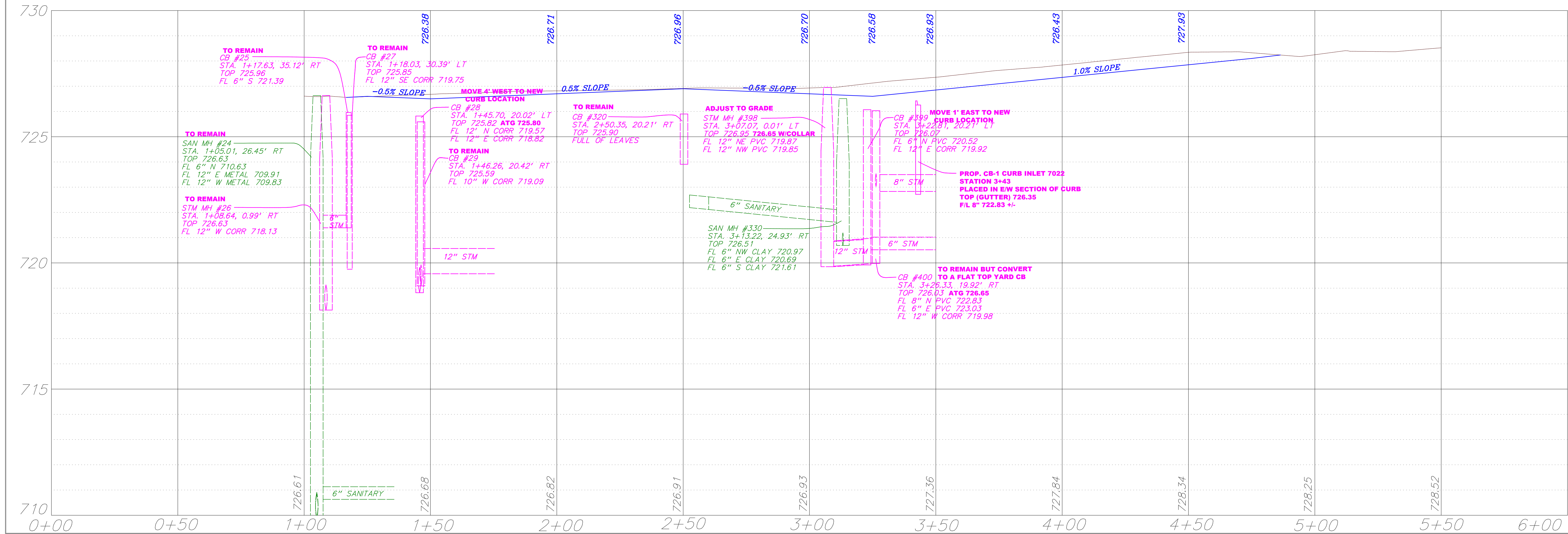
**S. HICKORY STREET RECONSTRUCTION
VILLAGE OF OTTAWA, OHIO**

GENERAL NOTES AND DETAILS

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FOR BIDS 6-11-25

REVISED	
DESIGNED BY	KMB 4/10/25
SHEET - 3	
OF 5 SHEETS	

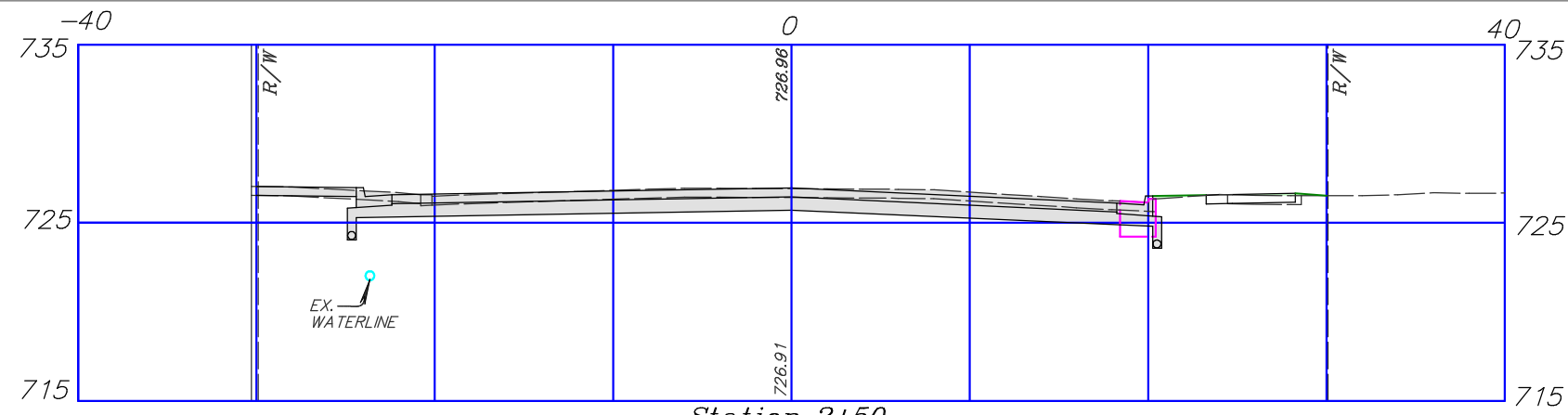


S. HICKORY STREET RECONSTRUCTION
VILLAGE OF OTTAWA, PUTNAM COUNTY, OHIO
PLAN & PROFILE

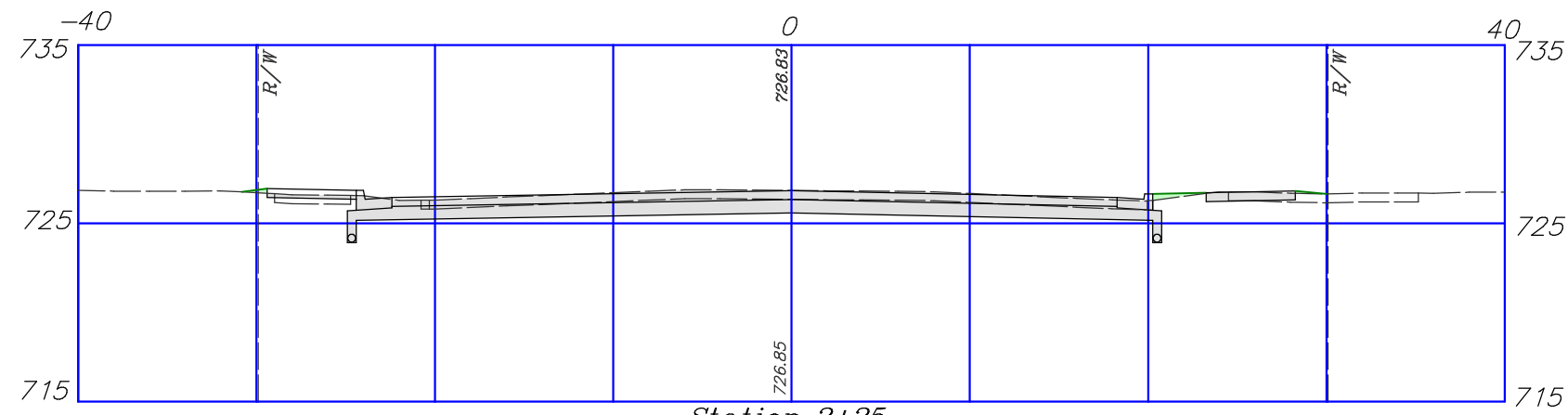
SCALE 1" = 20'	
JOB #24-247	
DRAWN BY	KMB
4/10/25	
SHEET - 4	
OF 5 SHEETS	

FOR BIDS 6-11-25

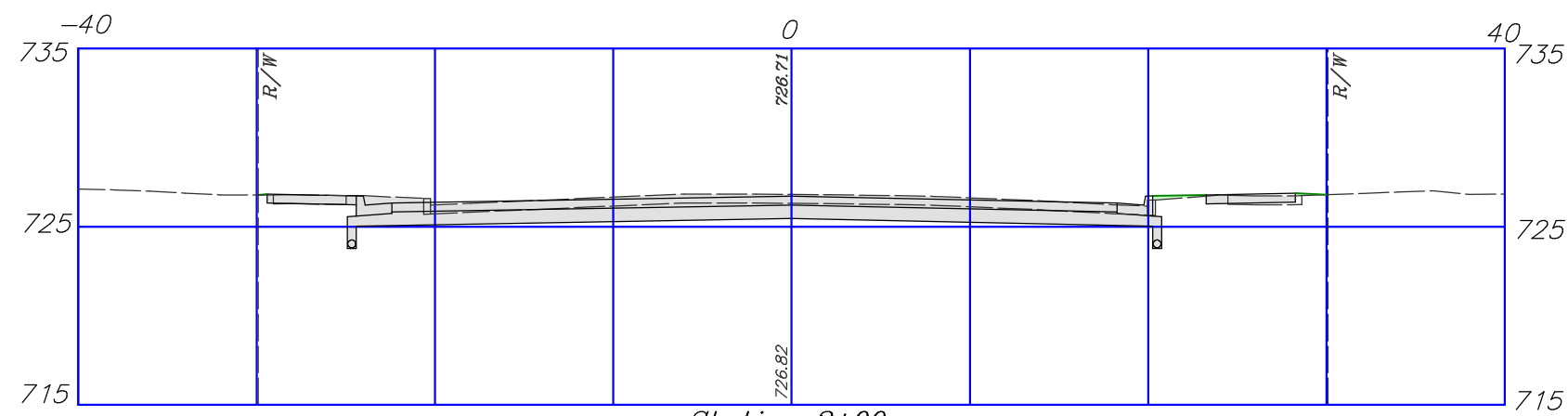
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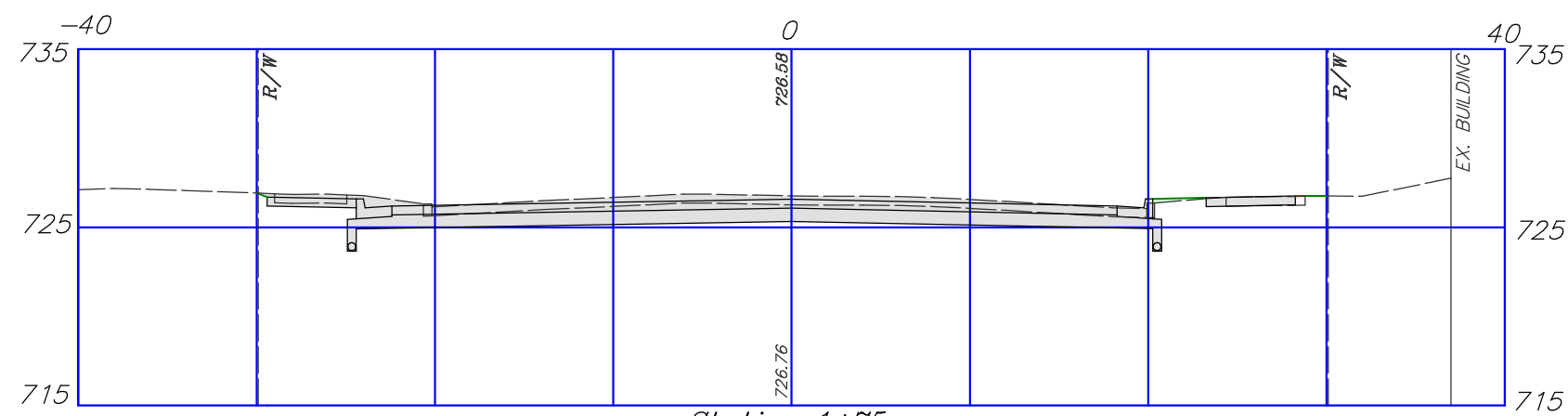
Station 2+50
63.1 SF - CUT
1.0 SF - FILL



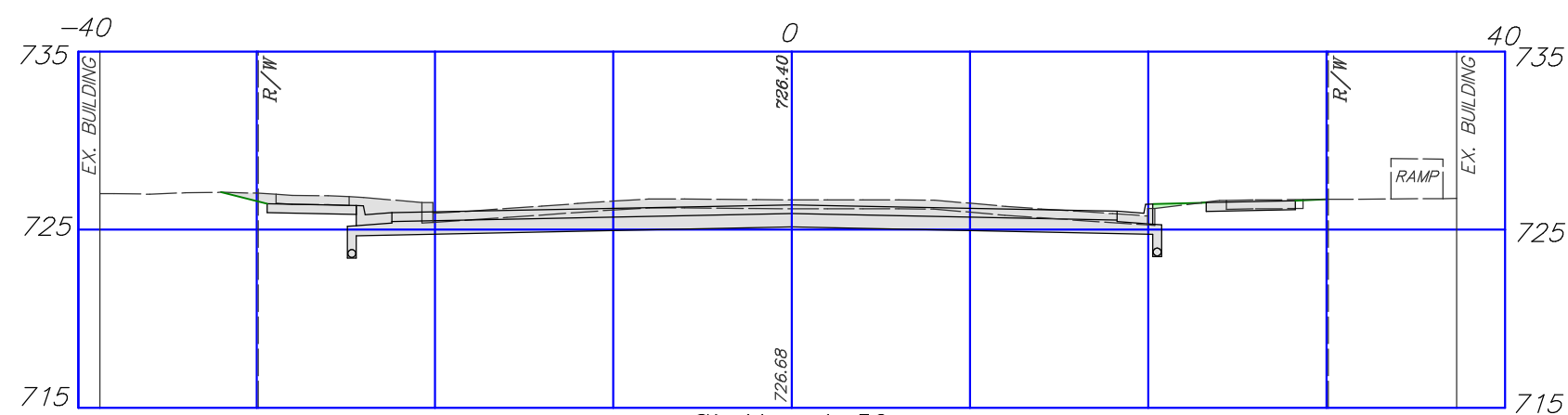
Station 2+25
61.1 SF - CUT
0.9 SF - FILL



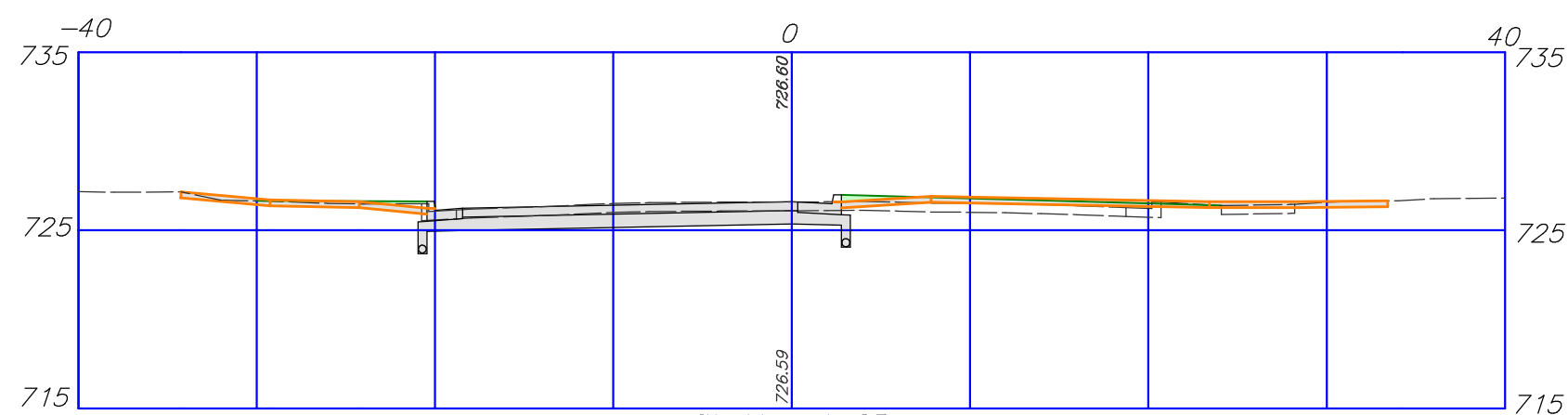
Station 2+00
66.7 SF - CUT
0.6 SF - FILL



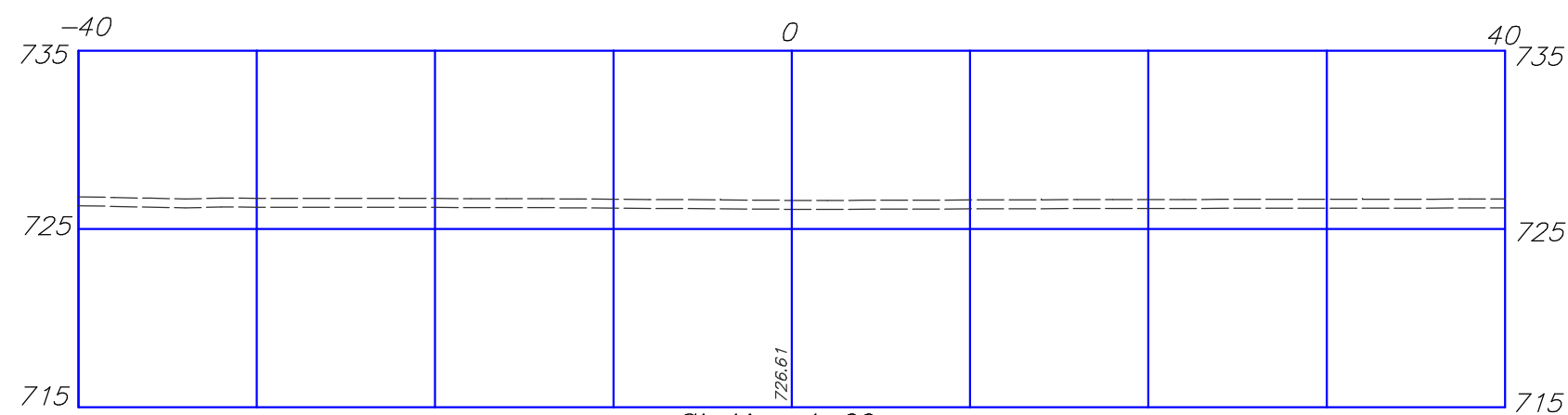
Station 1+75
71.6 SF - CUT
0.5 SF - FILL



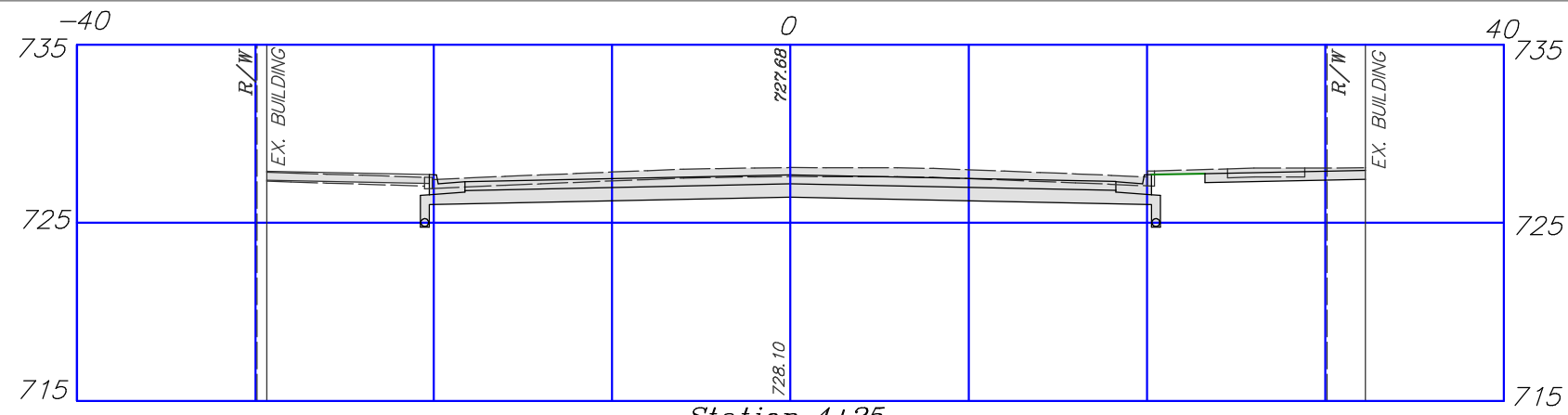
Station 1+50
78.7 SF - CUT
0.4 SF - FILL



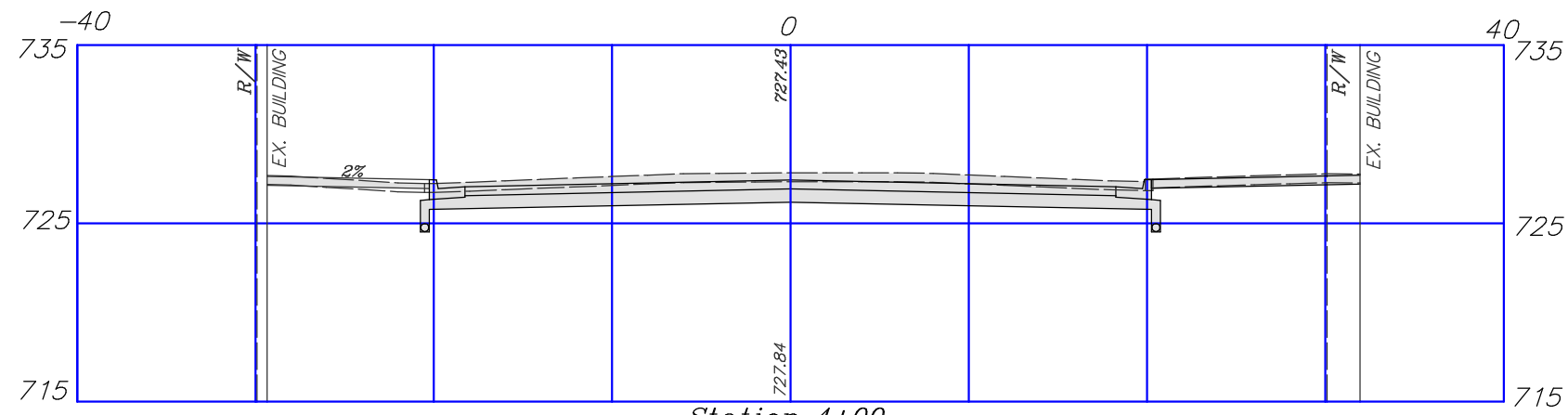
Station 1+25
31.8 SF - CUT
6.0 SF - FILL



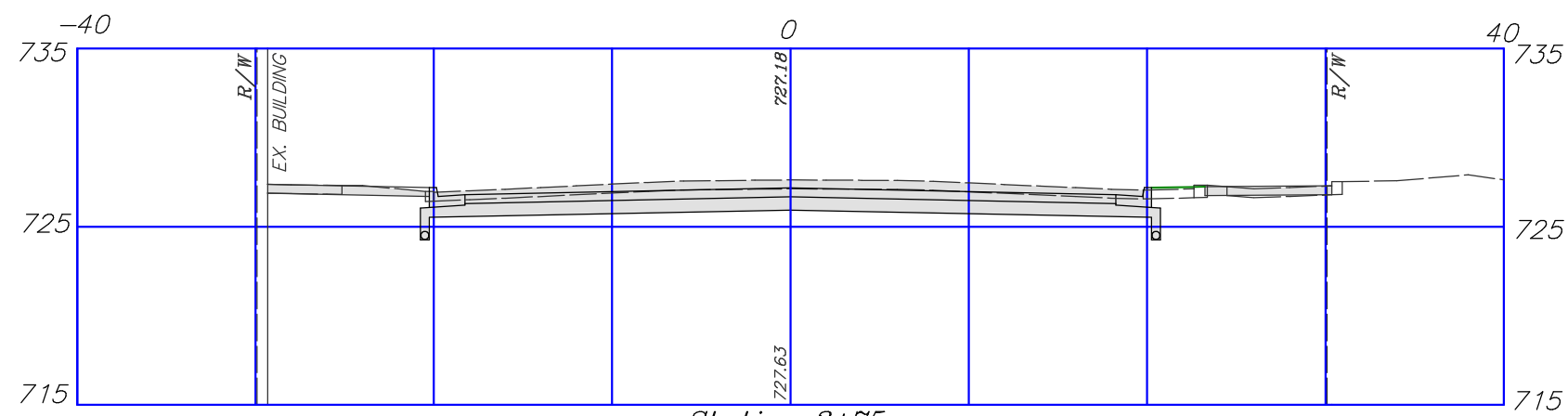
Station 1+00
00.0 SF - CUT
0.0 SF - FILL



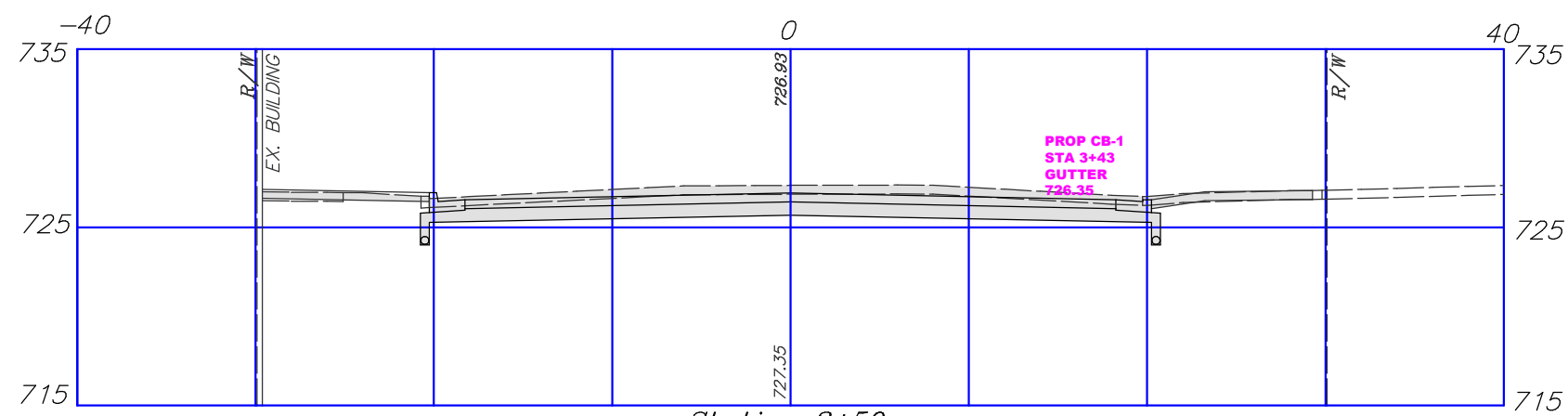
Station 4+25
79.2 SF - CUT
0.0 SF - FILL



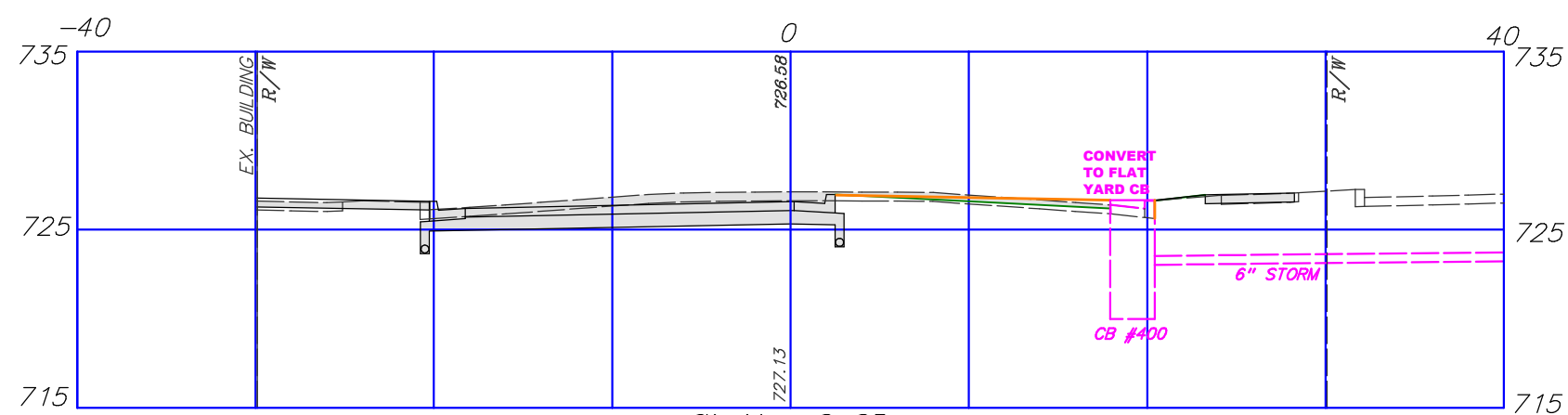
Station 4+00
79.2 SF - CUT
0.0 SF - FILL



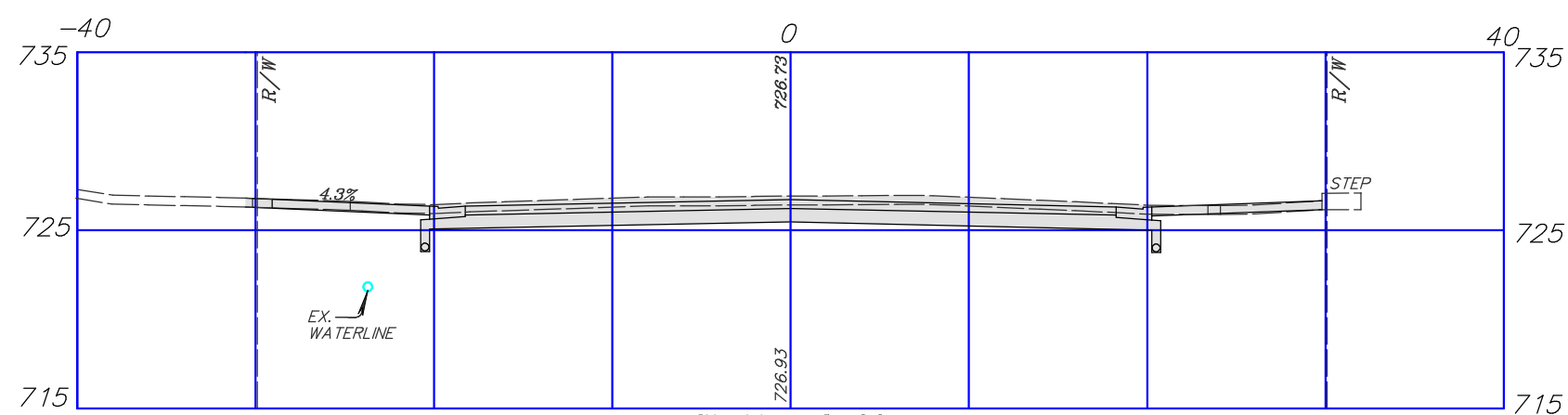
Station 3+75
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0.3 SF - FILL



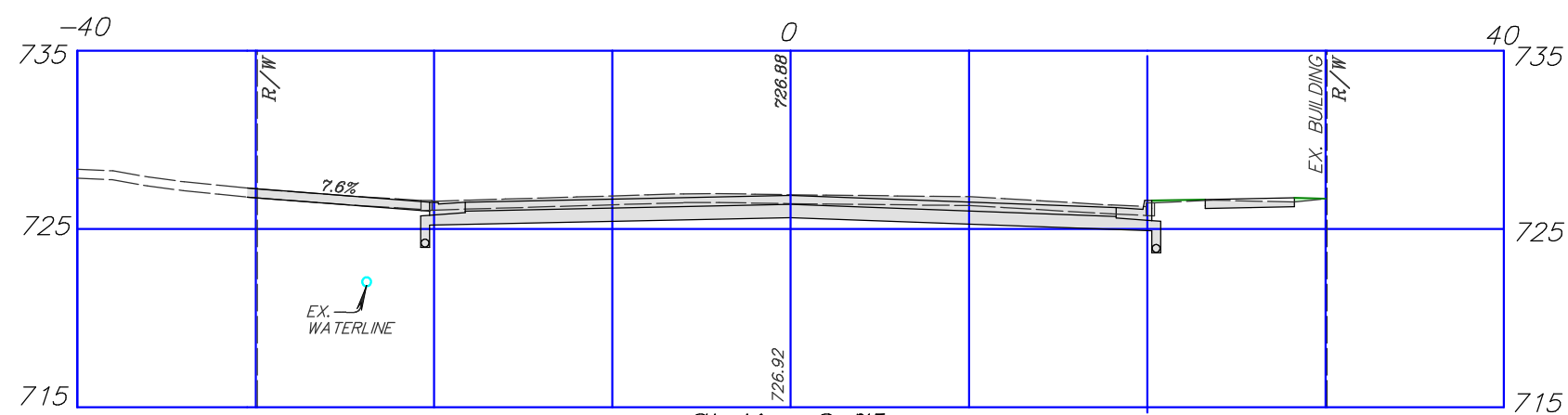
Station 3+50
76.2 SF - CUT
0.0 SF - FILL



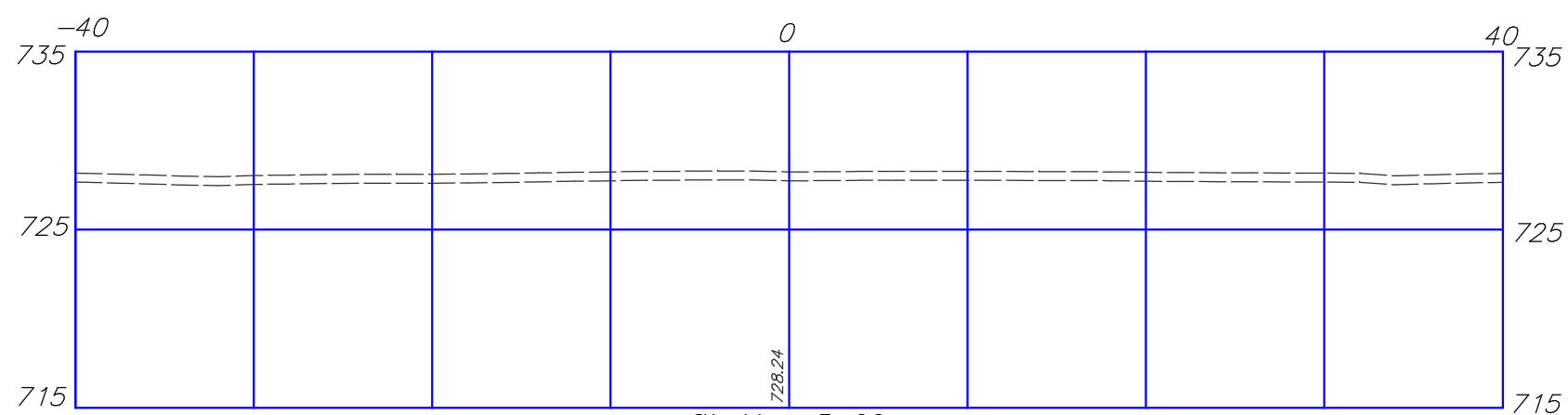
Station 3+25
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0.1 SF - FILL



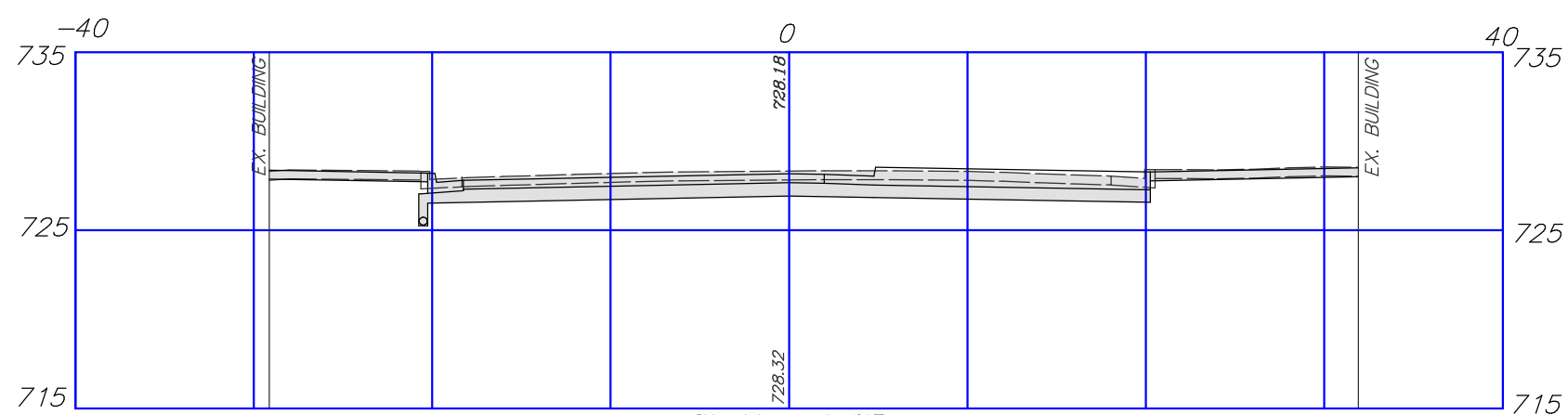
Station 3+00
73.0 SF - CUT
0.0 SF - FILL



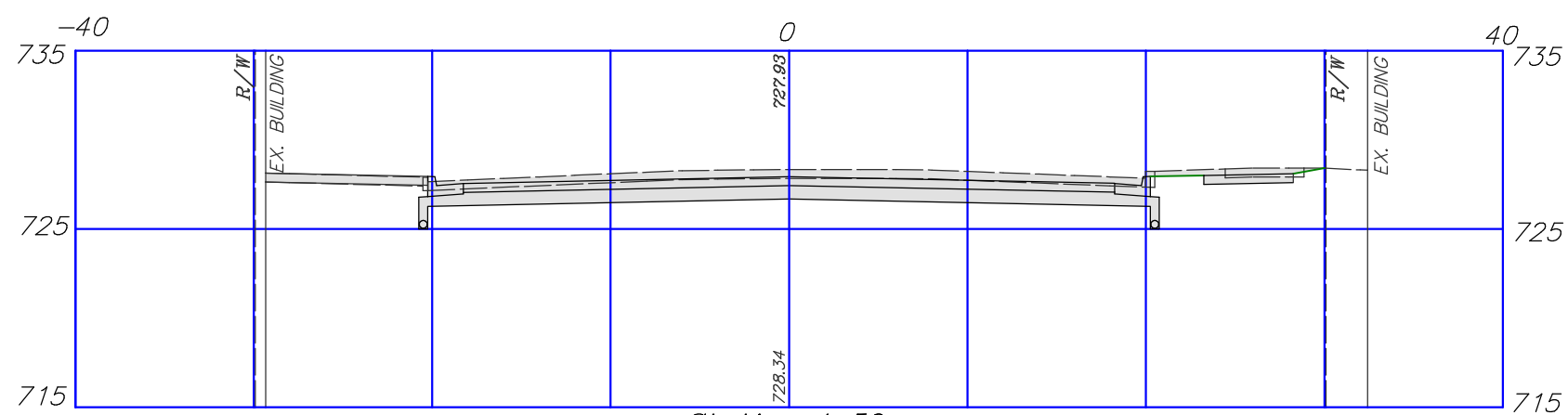
Station 2+75
66.5 SF - CUT
0.6 SF - FILL



Station 5+00
00.0 SF - CUT
0.0 SF - FILL



Station 4+75
71.6 SF - CUT
0.0 SF - FILL



Station 4+50
78.3 SF - CUT
0.0 SF - FILL

**S. HICKORY STREET RECONSTRUCTION
VILLAGE OF OTTAWA, PUTNAM COUNTY, OHIO
CROSS SECTIONS**

SCALE: 1"=20' (11x17)
SCALE: 1"=10' (24x36)

REVISED

DESIGNED BY KMB
6/11/25

SHEET - 5
OF 5 SHEETS

FOR BIDS 6-11-25