Final Engineering Plans
for:
Gables Blvd Reconstruction
Childs St. to Commerce Dr.
DuPage County: SW ¼ Section 17, Township 39N, Range 10E

GENERAL NOTES:

1. Unless otherwise noted in the special project specifications, the Project shall be built in accordance with the "Standard Specifications for Road and Bridge Construction for Illinois" latest edition, and "Supplemental Specifications and Recurring Special Provisions" latest edition by the Illinois Department of Transportation.
2. Sewer and Water Main Construction shall be in accordance with the Standard Specifications for Sewer and Water Main Construction in Illinois, latest edition.
3. Any reference to "supervision" by the Engineer in the Illinois Department of Transportation, Standard Specifications for Road and Bridge Construction or any other referenced documents shall be changed to "observation".
4. The Engineer shall not advise on, issue directions regarding or assume control over safety precautions and programs in connection with the work. The Engineer shall not have authority over or responsibility for safety precautions and programs incident to the work of Contractor(s) or any failure of Contractor(s) to comply with laws, rules, regulations, ordinances, codes or orders applicable to Contractor(s) furnishing and performing the work.
5. The Contractor shall be responsible for the general supervision of the work and assume sole responsibility for the job site conditions during the course of construction including the safety of all persons and property. This requirement shall apply continuously and shall not be limited to normal working hours.
6. It shall be the Contractor's responsibility to provide necessary signs, barricades, fences, etc. as required to insure the safety of vehicles and the general public during all phases of construction.
7. Contractors shall use appropriate equipment to expedite completion of the Project while avoiding any encroachment of neighboring property with any materials, equipment or excavation.
8. Overflow drainage routes and swales must be installed when shown.
9. Surface drainage shall be maintained during all phases of construction.
10. Erosion control practices shall be constructed in accordance with standard specifications for soil erosion and sediment control as contained in IEPA/WCP/87-012 or current issue.
11. All areas disturbed by construction shall be restored to their original condition at no additional cost to the Owner.
12. It shall be the Contractor's responsibility to properly dispose of any and all excess excavation material. This shall be considered as an incidental expense.
13. Elevations shown are NAVD-1988 datum.
14. Return radii are as shown.
15. Disposal of debris from clearing and tree removal shall be the Contractor's responsibility and considered as an incidental expense.
16. Natural plant covering and trees shall be retained and protected during construction where practical.
17. Topsoil replacement for landscaping is six [6] inches.
18. Final seeding and finishing shall be done as soon as possible in accordance with Section 250, Illinois Department of Transportation Standard Specifications.
19. All existing sewers and water mains shall be protected during construction by the Contractor. Any damages shall be repaired at the Contractor's expense.
20. The Contractor shall utilize a laser for all sewer main construction, except those locations waived by the Engineer.
21. All trenches under or within the zone of influence (1:1 slope) of existing or proposed pavement or sidewalks shall be backfilled with selected granular backfill.
22. All trenches shall be water jetted or mechanically compacted to the satisfaction of the Engineer.
23. The Contractor shall notify the City of Wheaton and all Utility Companies two [2] working days before construction is started in any work area.
24. Any field tile encountered during the course of construction must be reconnected or connected to the storm sewer system. Notify the City of Wheaton field inspector if any field tile is found.
25. The Contractor shall be responsible for locating all utilities [Northern Illinois Gas, Ameritech, and Commonwealth Edison Company]. Call J.U.L.I.E. 1-800-892-0123 prior to construction for location of utilities. All utilities damaged and/or disturbed by the Contractor shall be repaired at no additional cost to the Owner. Locations as shown on the plans are approximate and are based on the best available information.
26. All reinforced concrete pipe (RCP) shown herein shall be ASTM C-76 Class IV with gasketed joints complying with ASTM C-443 or C-361.
27. All water main shall be Ductile Iron Class 52, Zinc coated, single gasket, double sealing pipe per AWWA C151/ANSI A21.51 Latest Edition with Cement Mortar Lining per AWWA C104/ANSI 21.4 Latest Edition. Pipe shall be polywrapped, unless otherwise noted. Minimum depth of cover for all water main and services shall be 5'-6" unless noted otherwise.
28. All asphalt and concrete mixtures shall be IDOT approved.

CONTRACTOR'S INSURANCE:

1. Prior to the commencement of the work, the Owner shall require the Contractor and any Subcontractors to submit evidence to the Owner, Municipality and Engineer the he (they) have obtained for the period of the Construction Contract and the guarantee period comprehensive general liability insurance coverage (including completed operations coverage) and comprehensive automobile liability (including non-ownership and hired car coverage, as well as all owned vehicles). This coverage shall provide for bodily injury and property damage arising directly or indirectly out of, or in connection with, the performance of the work under the Construction Contract, and have a limit of not less than $500,000.00 for all damages arising out of bodily injury, sickness or death of one person and an aggregate of $5,000,000.00 for damages arising out of bodily injury, sickness or death of two or more persons in any one occurrence. The property damage portion will provide for a limit of not less than $1,000,000.00 for all damages arising out of injury to or destruction of property of others arising directly or indirectly out of or in connection with the performance of the work under the Construction Contract and in any one occurrence including explosion, collapse and underground exposures.

2. In addition, the Contractor shall carry the necessary public liability and workers' compensation insurance to protect the City of Wheaton, the City Engineer, Owner, and the Engineer/Resident Project Representative and their consultants from any claims which may arise during construction and to submit two (2) acceptable certificates of insurance naming the City of Wheaton, the City Engineer, the Engineer/Resident Project Representative and their consultants as additional insured.

3. In the event of accidents of any kind, the Contractor shall furnish the City with copies of all reports of such accidents at the same time that the reports are forwarded to any other interested parties.

4. The City Attorney shall review and approve the insurance contract to the satisfaction of the City of Wheaton.

INDEMNIFICATION:

1. To the fullest extent permitted by laws and regulations, the Contractor shall indemnify and hold harmless the Owner, the City and the Engineer and their consultants, agents and employees from and against all claims, damages, losses and expenses, direct, indirect or consequential (including, but not limited to, fees and charges of engineers, architects, attorneys and other professionals and court and arbitration costs) arising out of or resulting from the performance of the work, provided that any such claim, damage, loss or expense (a) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself) including the loss of use resulting therefrom and (b) is caused in whole or in part by any negligent act or omission of the Contractor, any Subcontractor, any person or organization directly or indirectly employed by any of them to perform or furnish any of the Work or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder or arises by or is imposed by law and regulations regardless of the negligence of any such party.

2. In any and all claims against the Owner, the City or Engineer or any of their consultants, agents or employees by any employee of the Contractor, any Subcontractor, any person or organization directly or indirectly employed by any of them to perform or furnish any of the work or obligation under not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any such Subcontractor or other person or organization under workers' or workmen's compensation acts, disability benefit acts or other employee benefit acts.

3. The obligations of the Contractor shall not extend to the liability of the Engineer, the Engineer's consultants, agents or employees arising out of the preparation or approval of maps, drawings, opinions, reports, surveys, change orders, designs or specifications.

4. To the fullest extent permitted by law, the Contractor shall indemnify and hold harmless the Owner, Engineer, and the Engineer's consultants and their respective agents and employees (indemnities) from and against any and all claims, damages, losses, economic losses and expenses, including but not limited to attorneys' fees, arising out of or specifically claims arising under the Illinois Structural Work Act), provided that such claim, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself), including loss of use resulting therefrom, but only to the extent caused in whole or in part by negligent acts or omissions of the Contractor, a Subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, excluding any proportionate amount of any claim, damage, loss or expense which is caused by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge or reduce other rights or obligations of indemnity, which would otherwise exist as to a party or person described in the paragraph.

5. In claims against any person or entity indemnified under this paragraph by an employee of the Contractor, a Subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they be liable, the indemnification obligation under the paragraph shall not be limited by a limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or a Subcontractor under workers' or workmen's compensation acts, disability benefit acts or other employee benefit acts.

SAFETY AND PROTECTION:

A. CONTRACTOR shall be solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. CONTRACTOR shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:

1. all persons on the Site or who may be affected by the Work;

2. all the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and

3. other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.

B. CONTRACTOR shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection. CONTRACTOR shall notify owners of adjacent property and of underground facilities and other utility owners when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property. All damages, injury, or loss to any property referred to in paragraph A.2 of A.3 caused, directly or indirectly, in whole or in part, by CONTRACTOR, any Subcontractor, Supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the work, or anyone for whose acts any of them may be liable, shall be remedied by CONTRACTOR (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of OWNER or ENGINEER or ENGINEER's Consultant, or any one employed by any of them, or anyone for whose acts any of them may be liable and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of CONTRACTOR or any Subcontractor, Supplier, or other individual or entity directly or indirectly employed by any of them). CONTRACTOR's duties and responsibilities for safety and for protection of the Work shall continue until such time as all the Work is completed.

Index of Sheets:

C-0 ..... Cover Sheet

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C-1.2 ..... Existing Conditions - Aerial
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C-4.4 ..... Childs Street Detail
C-4.5 ..... Commercial Dr Detail
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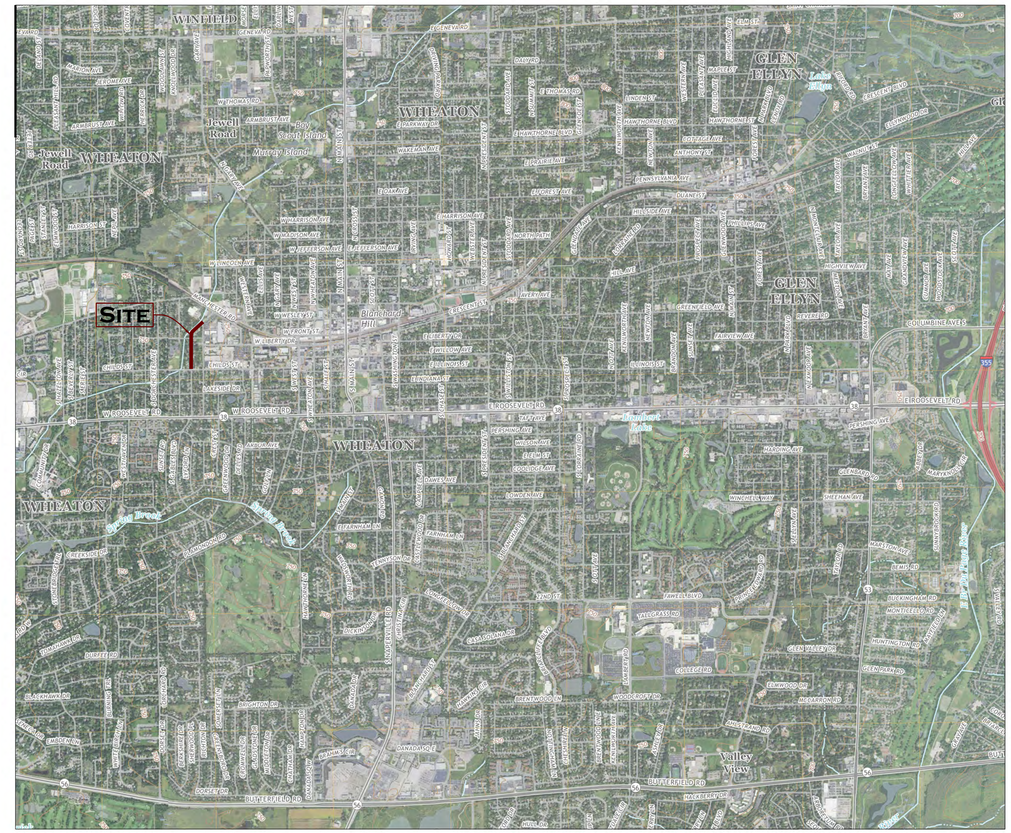
C-5 ..... Utility Plan Overall
C-5.1 - C-5.3 .... Utility Plans

C-6.1 - C-6.8 .... Cross Sections

C-7.1 ..... Civil Details

EROSION CONTROL NOTES

1. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS DISTURBED ON THE SITE. MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, AS AMENDED.
2. SOIL DISTURBANCE SHALL BE CONDUCTED IN A MANNER THAT MINIMIZES EROSION. AREAS OF THE DEVELOPMENT SITE THAT WILL NOT BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE.
3. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF THE STABILIZATION WORK IN AN AREA. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
4. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED. PUMPING SEDIMENT LADEN WATER INTO ANY STORMWATER FACILITY THAT IS NOT DESIGNATED TO BE A SEDIMENT TRAP, DRAINAGEWAY, OR OFFSITE AREA EITHER DIRECTLY OR INDIRECTLY WITHOUT FILTRATION IS PROHIBITED.
5. ALL DISCHARGES TO UNDISTURBED AREA, STABILIZED AREA OR WATERCOURSE SHALL BE DESIGNED AT A NON-EROSIVE VELOCITY CORRESPONDING TO THE SOIL AND VEGETATIVE COVER OF THE UNDISTURBED AREA.
6. ALL STORM SEWERS, STORM DRAIN INLETS AND CULVERTS THAT ARE, OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY SEDIMENT CONTROL MEASURES. THE SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED.
7. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED, AS NECESSARY, TO DIRECT ALL RUNOFF THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN OR OTHER APPROPRIATE MEASURE).
8. SOIL STOCKPILES SHALL NOT BE LOCATED IN A DRAINAGEWAY, FLOOD PLAIN AREA OR A DESIGNATED BUFFER.
9. STOCKPILES TO REMAIN IN PLACE MORE THAN THREE DAYS SHALL BE PROVIDED WITH SOIL EROSION AND SEDIMENT CONTROL MEASURES.
10. ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.
11. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM TEMPORARY MEASURES SHALL BE PROPERLY DISPOSED OF PRIOR TO PERMANENT STABILIZATION.



Vicinity Map
USGS - Wheaton & Lombard Quads
Scale: 1" = 2,000'

Legend

EXISTING SANITARY MANHOLE		EXISTING LIGHT POLE	
PROPOSED SANITARY MANHOLE		PROPOSED LIGHT POLE	
SANITARY CLEANOUT		OVERHEAD LIGHT POLE	
EXISTING STORM MANHOLE		RAILROAD SIGNAL POLE	
PROPOSED STORM MANHOLE		RAILROAD SIGNAL VAULT	
EXISTING STORM CATCH BASIN		UTILITY POLE	
PROPOSED STORM CATCH BASIN		OVERHEAD WIRES	OH
EXISTING STORM INLET		UNDERGROUND ELECTRIC	E
PROPOSED STORM INLET		UNDERGROUND GAS	G
FLARED END SECTION		UNDERGROUND TELEPHONE	T
DOWNSPOUT		UNDERGROUND CABLE T.V.	C T
TRANSFORMER		WATER MAIN	W
ELECTRIC MANHOLE		PROPOSED WATER MAIN	W
ELECTRICAL BOX		SANITARY SEWER	
CABLE T.V. BOX		PROPOSED SANITARY SEWER	
TELEPHONE BOX		EXISTING STORM SEWER	
TELEPHONE MANHOLE		PROPOSED STORM SEWER	
ELECTRIC METER		EXISTING COMBINED SEWER	
GAS METER		FENCE LINE	X X
GAS VALVE		GUARD RAIL	
B-BOX		DECIDUOUS TREE	
WATER VALVE		PINE TREE	
EXISTING WATER VALVE VAULT		DECIDUOUS TREE REMOVAL	
PROPOSED WATER VALVE VLT		PINE TREE REMOVAL	
EXISTING FIRE HYDRANT		OVERFLOW ARROW	
PROPOSED FIRE HYDRANT		INLET FILTER BASKET	
POST INDICATOR VALVE		FOUND IRON PIPE	
SIGN		RECORD DIMENSION	R
FLAG POLE		MEASURED DIMENSION	M
MAILBOX		TOP OF WALL	TW
TRAFFIC SIGNAL POLE		TOP OF CURB	TC
TRAFFIC SIGNAL VAULT		CURB FLOW LINE	FL

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LICENSED PROFESSIONAL ENGINEER STEPHEN M. RICHARDS 062-054556 STATE OF ILLINOIS

STATE OF ILLINOIS)
COUNTY OF DUPAGE)SS

THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION AND ARE BASED UPON AVAILABLE INFORMATION. I HAVE REVIEWED AND IDENTIFIED ANY LOCAL TOPOGRAPHICAL DEPRESSION. TO THE BEST OF MY KNOWLEGE AND BELIEF, THE PROPOSED IMPROVEMENTS HAVE BEEN DESIGNED SO AS TO NOT DISPLACE ANY PONDING OR STANDING WATER, OR NOT CHANGE THE DRAINAGE OF SURFACE WATERS, OR THAT ADEQUATE PROVISIONS HAVE BEEN INCORPORATED INTO THE SITE GRADING PLAN SO AS TO NOT ADVERSELY AFFECT THE DRAINAGE OF STORMWATER TO, OR FROM, THE SITE AND ABUTTING OR ADJACENT PROPERTIES.

2/4/2025
STEPHEN MARK RICHARDS — DATE
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GRAPHIC SCALE - FEET

Gables Blvd Reconstruction
Childs St. to Commerce Dr.

Prepared For:
CITY OF WHEATON
303 W Wesley Street
Wheaton, IL 60187
630-260-2000

REV#	DATE:	REVISION DESCRIPTION	BY

LICENSED PROFESSIONAL ENGINEER STEPHEN M. RICHARDS 062-054556 STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

JOB #	44959	SURV:	CLB
DRAWN:	RLS	REVIEW:	SMR
SCALE:	1"=50'	DATE:	02-06-2025

SHEET TITLE:
Cover Sheet

SHEET NAME: C-0

SHEET # 01 of 26

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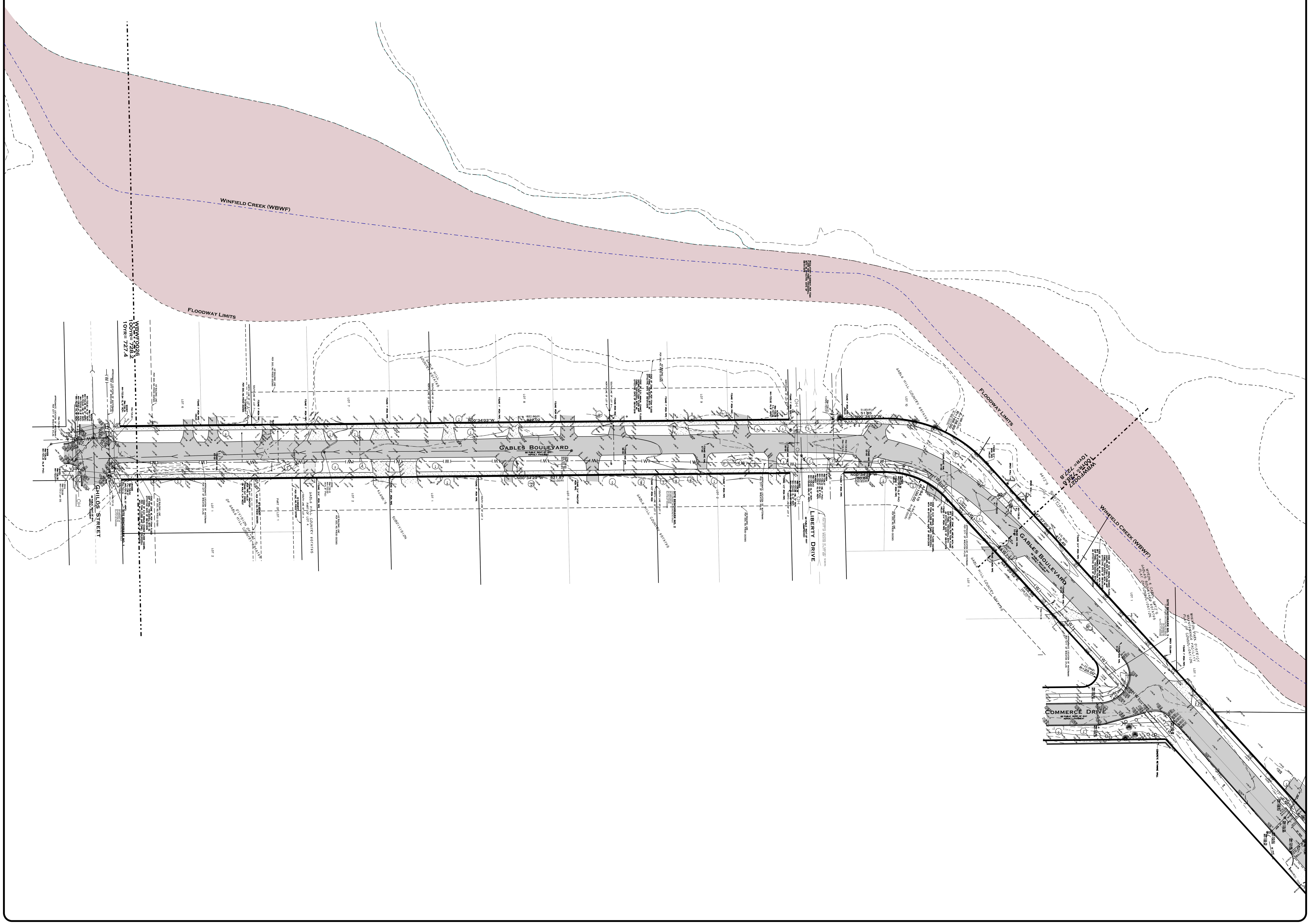

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Existing Conditions

SHEET NAME: C-1.1

SHEET # 02 of 26

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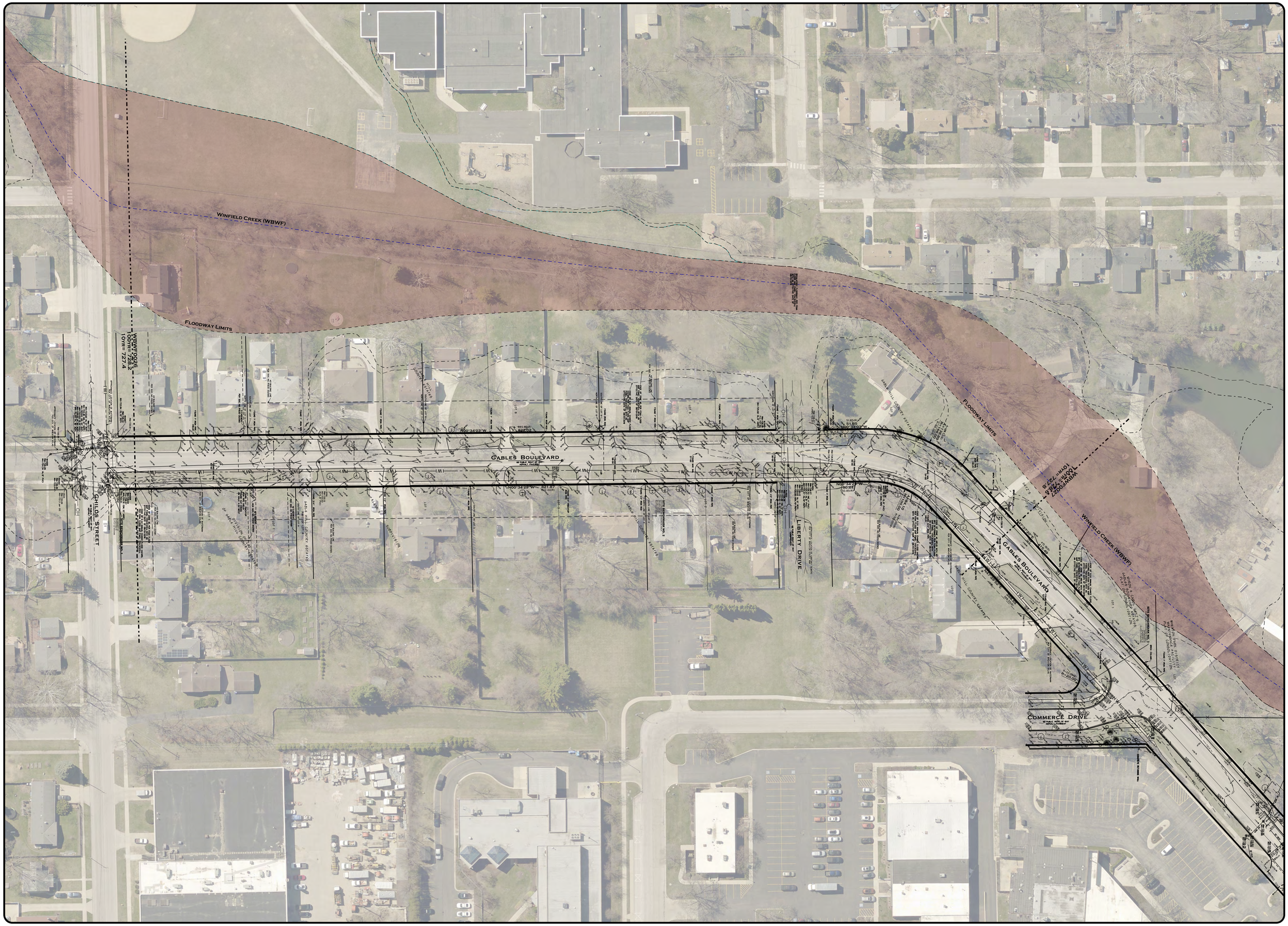

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SHEET TITLE:
Existing Conditions Aerial

SHEET NAME: C-1.2

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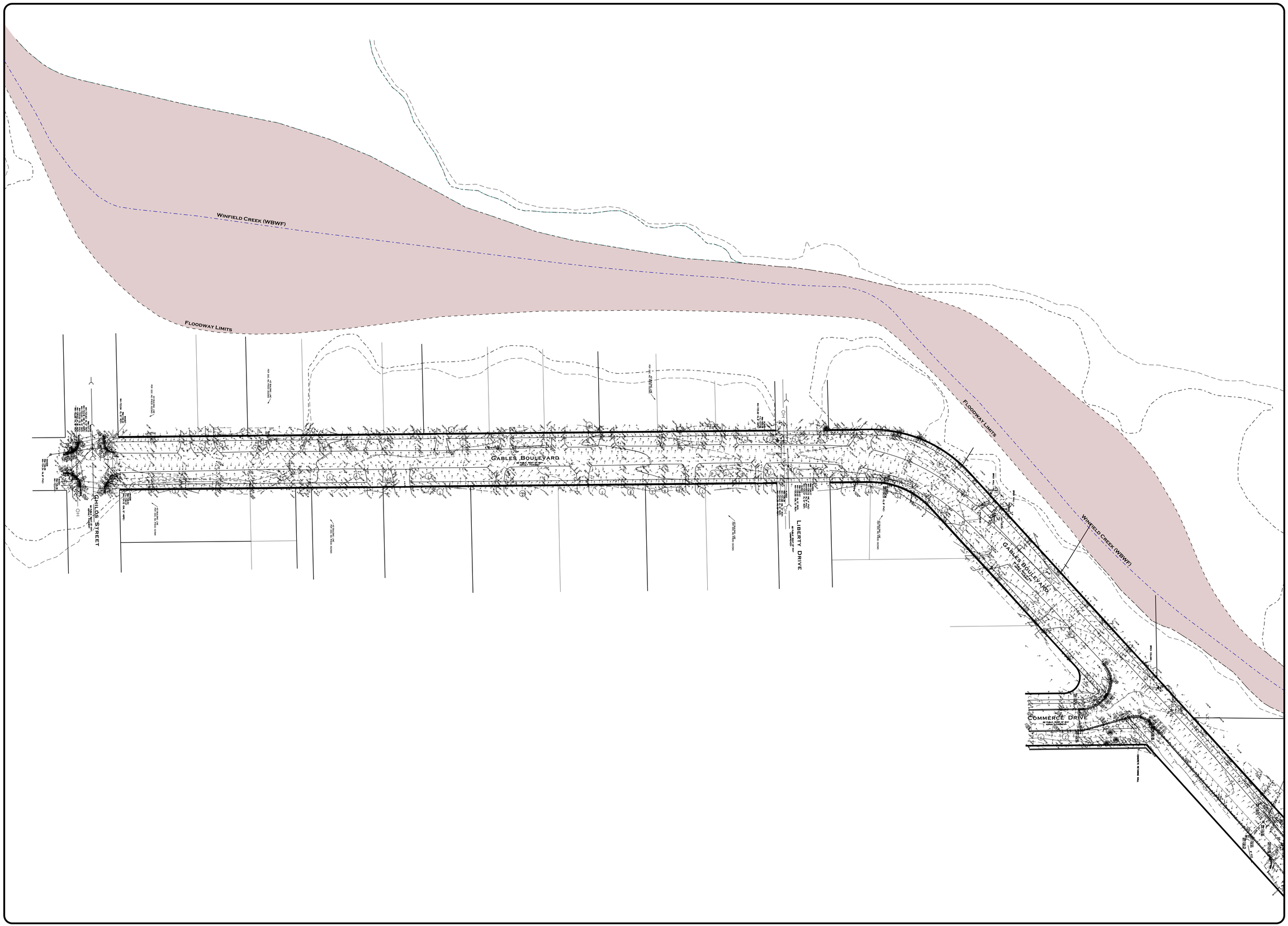

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Existing Conditions Drainage

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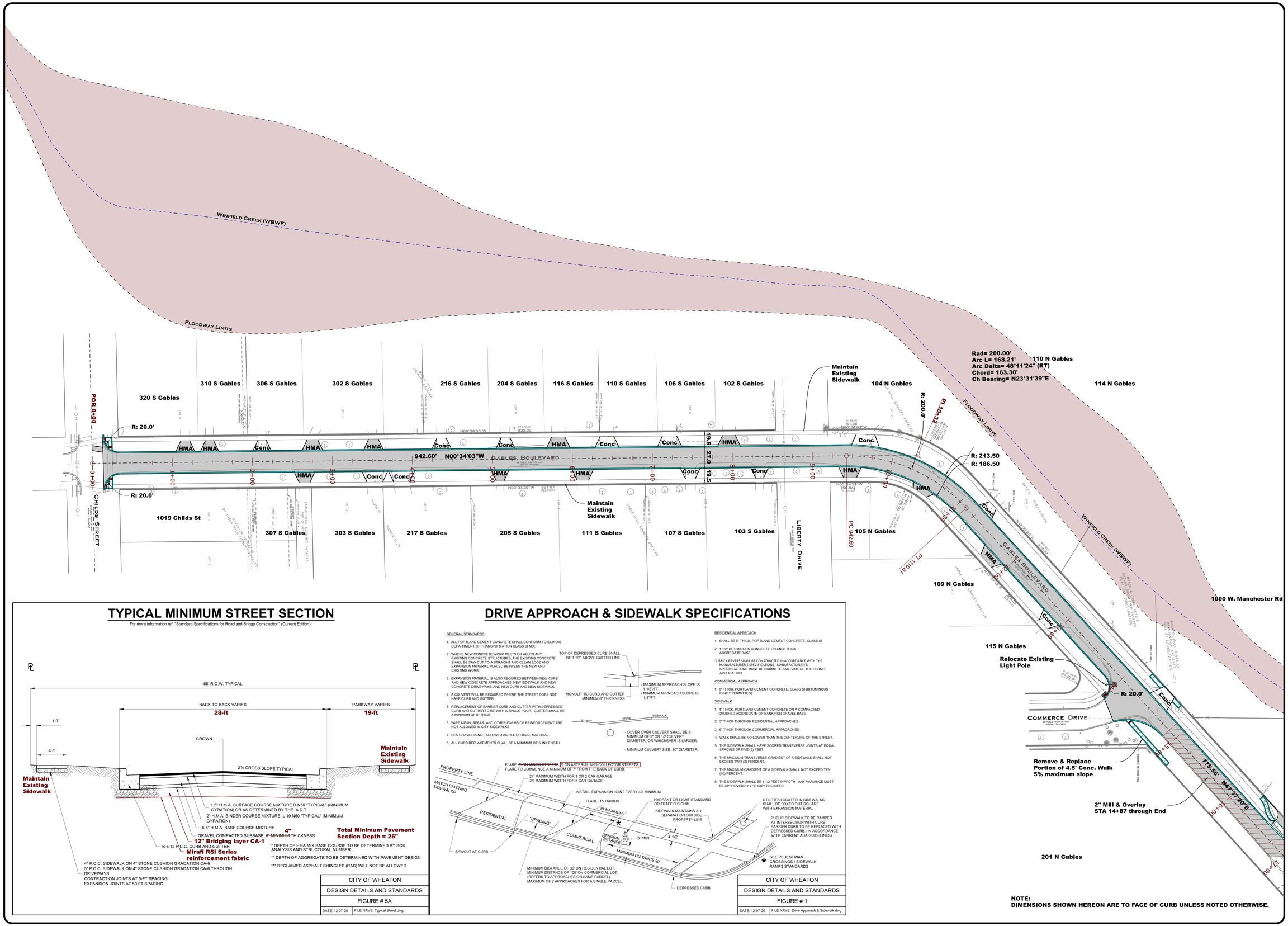

TYPICAL MINIMUM STREET SECTION

For more information ref. "Standard Specifications for Road and Bridge Construction" (Current Edition).

* DEPTH OF HMA MIX BASE COURSE TO BE DETERMINED BY SOIL ANALYSIS AND STRUCTURAL NUMBER

** DEPTH OF AGGREGATE TO BE DETERMINED WITH PAVEMENT DESIGN

*** RECLAIMED ASPHALT SHINGLES (RAS) WILL NOT BE ALLOWED

CITY OF WHEATON	
DESIGN DETAILS AND STANDARDS	
FIGURE # 5A	
DATE: 12-07-20	FILE NAME: Typical Street.dwg

DRIVE APPROACH & SIDEWALK SPECIFICATIONS

GENERAL STANDARDS

1. ALL PORTLAND CEMENT CONCRETE SHALL CONFORM TO ILLINOIS DEPARTMENT OF TRANSPORTATION CLASS SI MIX.
2. WHERE NEW CONCRETE WORK MEETS OR ABUTS ANY EXISTING CONCRETE STRUCTURES, THE EXISTING CONCRETE SHALL BE SAW CUT TO A STRAIGHT AND CLEAN EDGE AND EXPANSION MATERIAL PLACED BETWEEN THE NEW AND EXISTING WORK.
3. EXPANSION MATERIAL IS ALSO REQUIRED BETWEEN NEW CURB AND NEW CONCRETE APPROACHES; NEW SIDEWALK AND NEW CONCRETE DRIVEWAYS; AND NEW CURB AND NEW SIDEWALK.
4. A CULVERT WILL BE REQUIRED WHERE THE STREET DOES NOT HAVE CURB AND GUTTER.
5. REPLACEMENT OF BARRIER CURB AND GUTTER WITH DEPRESSED CURB AND GUTTER TO BE WITH A SINGLE POUR. GUTTER SHALL BE A MINIMUM OF 8" THICK.
6. WIRE MESH, REBAR, AND OTHER FORMS OF REINFORCEMENT ARE NOT ALLOWED IN CITY SIDEWALKS
7. PEA GRAVEL IS NOT ALLOWED AS FILL OR BASE MATERIAL.
8. ALL CURB REPLACEMENTS SHALL BE A MINIMUM OF 5' IN LENGTH.

RESIDENTIAL APPROACH

1. SHALL BE 5" THICK, PORTLAND CEMENT CONCRETE, CLASS SI
2. 1 1/2" BITUMINOUS CONCRETE ON AN 8" THICK AGGREGATE BASE
3. BRICK PAVERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. MANUFACTURER'S SPECIFICATIONS MUST BE SUBMITTED AS PART OF THE PERMIT APPLICATION.

COMMERCIAL APPROACH

1. 6" THICK, PORTLAND CEMENT CONCRETE, CLASS SI (BITUMINOUS IS NOT PERMITTED)

SIDEWALK

1. 4" THICK, PORTLAND CEMENT CONCRETE ON A COMPACTED CRUSHED AGGREGATE OR BANK RUN GRAVEL BASE.
2. 5" THICK THROUGH RESIDENTIAL APPROACHES
3. 6" THICK THROUGH COMMERCIAL APPROACHES
4. WALK SHALL BE NO LOWER THAN THE CENTERLINE OF THE STREET.
5. THE SIDEWALK SHALL HAVE SCORED TRANSVERSE JOINTS AT EQUAL SPACING OF FIVE (5) FEET.
6. THE MAXIMUM TRANSVERSE GRADIENT OF A SIDEWALK SHALL NOT EXCEED TWO (2) PERCENT.
7. THE MAXIMUM GRADIENT OF A SIDEWALK SHALL NOT EXCEED TEN (10) PERCENT.
8. THE SIDEWALK SHALL BE 4 1/2 FEET IN WIDTH. ANY VARIANCE MUST BE APPROVED BY THE CITY ENGINEER.

CITY OF WHEATON	
DESIGN DETAILS AND STANDARDS	
FIGURE # 1	
DATE: 12-07-20	FILE NAME: Drive Approach & Sidewalk.dwg

NOTE:
DIMENSIONS SHOWN HEREON ARE TO FACE OF CURB UNLESS NOTED OTHERWISE.

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DuPage: SW¼ 17-39N-10E

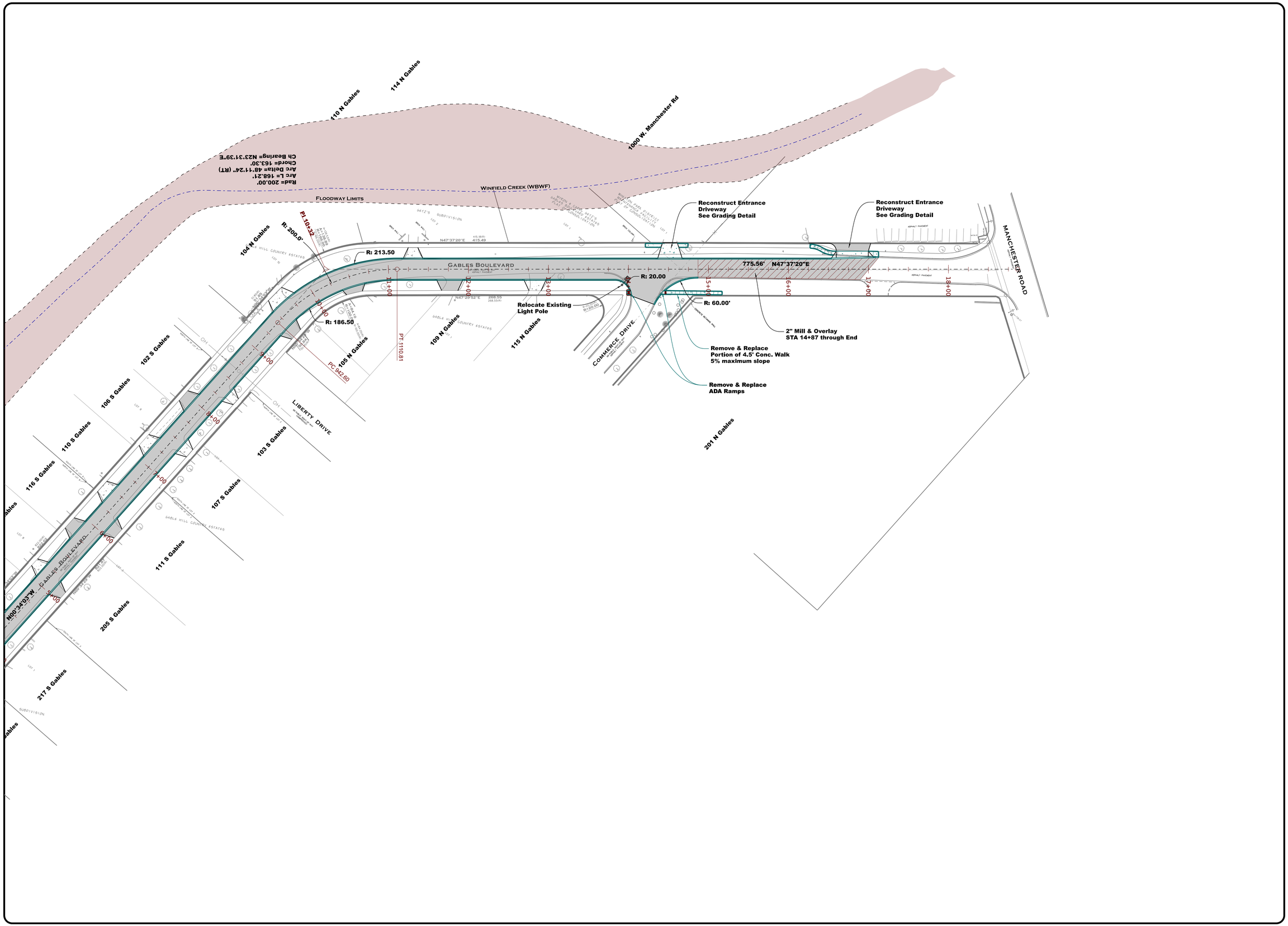
JOB #	44959	SURV:	CLB
DRAWN:	RLS	REVIEW:	SMR
SCALE:	1"=50'	DATE:	02-06-2025

SHEET TITLE:

Geometric Plan

SHEET NAME: C-2.1

SHEET # 05 of 26



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GRAPHIC SCALE - FEET

Gables Blvd Reconstruction Childs St. to Commerce Dr.

Prepared For:

CITY OF WHEATON
303 W Wesley Street
Wheaton, IL 60187
630-260-2000

REV#	DATE	REVISION DESCRIPTION	BY

LICENSED PROFESSIONAL ENGINEER
STEPHEN M. RICHARDS
062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

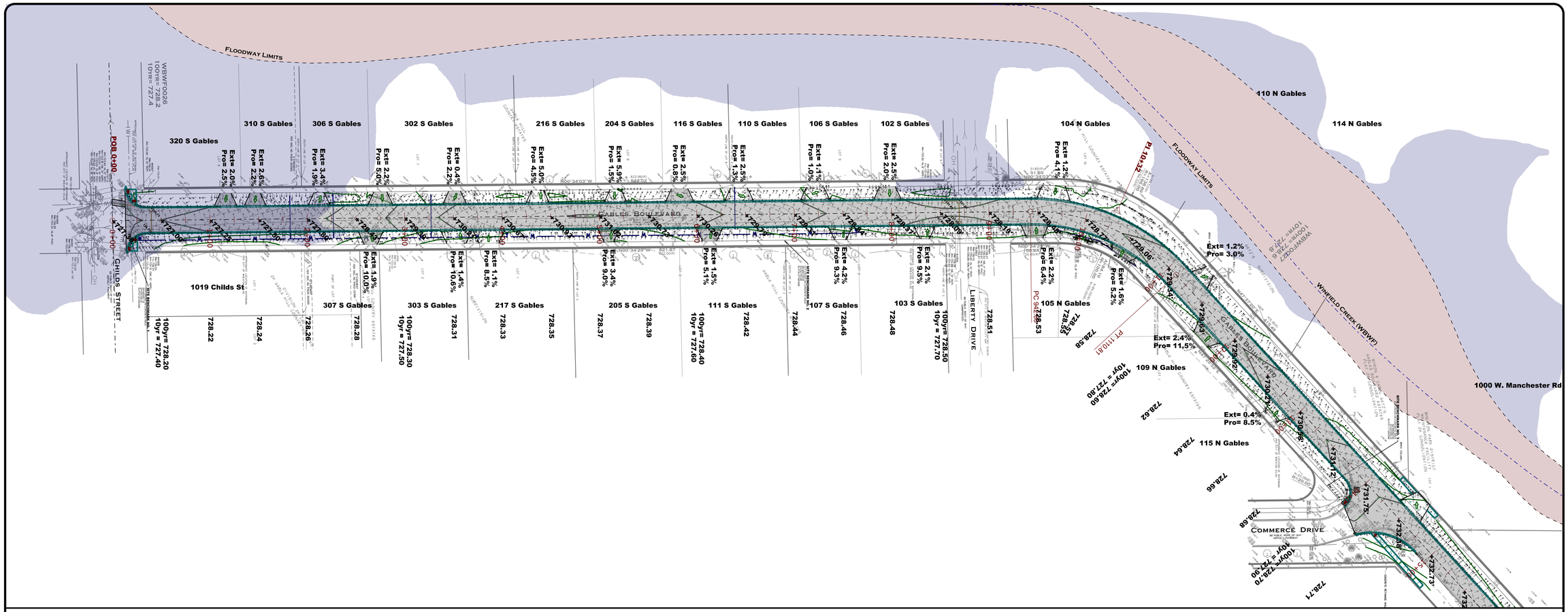
JOB #	44959	SURV:	CLB
DRAWN:	RLS	REVIEW:	SMR
SCALE:	1"=50'	DATE:	02-06-2025

SHEET TITLE:

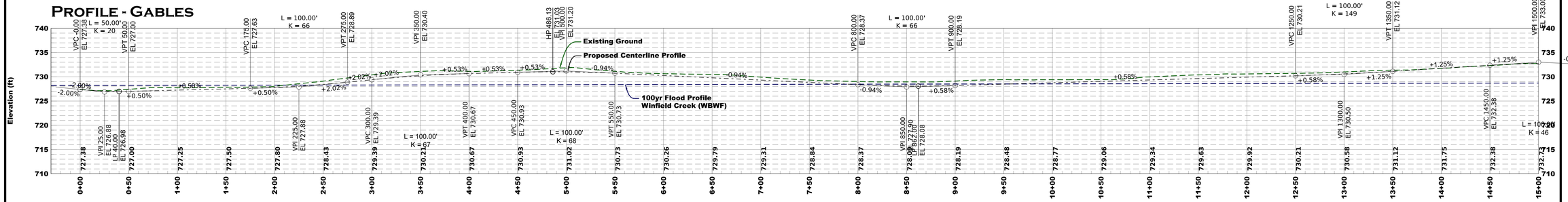
Geometric Plan 2

SHEET NAME C-2.2

SHEET # 06 of 26



Profile - Gables



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GRAPHIC SCALE - FEET

Gables Blvd Reconstruction Childs St. to Commerce Dr.

Prepared For:
CITY OF WHEATON
303 W Wesley Street
Wheaton, IL 60187
630-260-2000

REV#	DATE	REVISION DESCRIPTION	BY

LICENSED PROFESSIONAL ENGINEER
STEPHEN M. RICHARDS
062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=50'	DATE: 02-06-2025

SHEET TITLE:

Plan & Profile

SHEET NAME C-3.1

SHEET # 07 of 26

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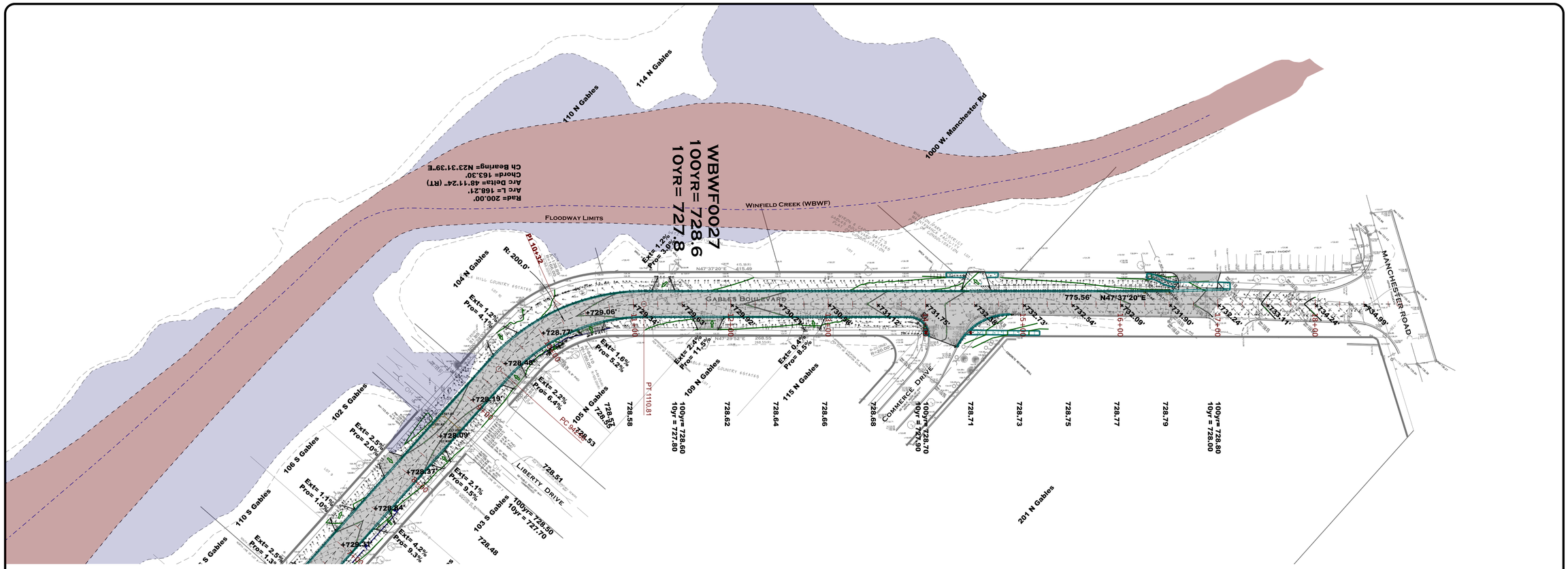

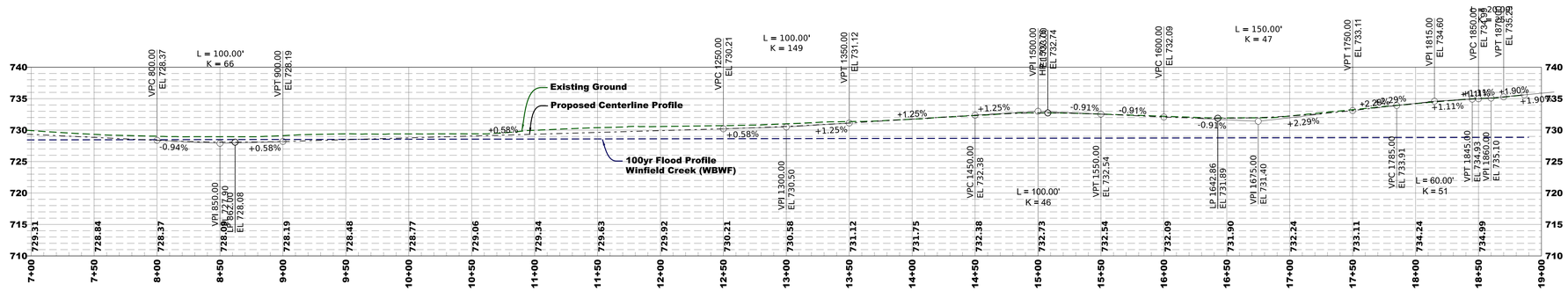

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GRAPHIC SCALE - FEET

Gables Blvd Reconstruction
Childs St. to Commerce Dr.

Prepared For:
CITY OF WHEATON
303 W Wesley Street
Wheaton, IL 60187
630-260-2000

REV#	DATE	REVISION DESCRIPTION	BY

LICENSED PROFESSIONAL ENGINEER
STEPHEN M. RICHARDS
062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

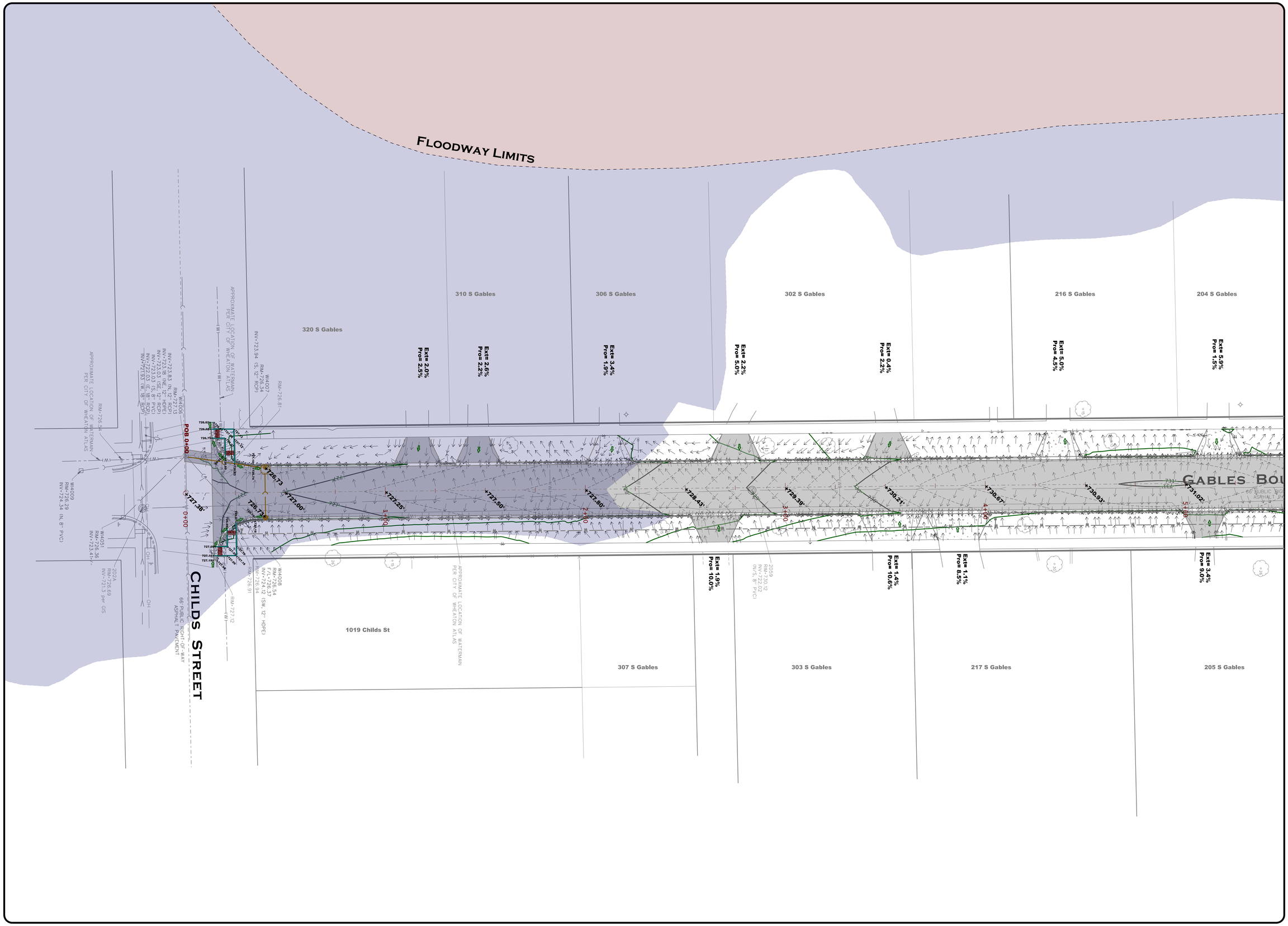
JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=50'	DATE: 02-06-2025

SHEET TITLE:

Plan & Profile 2

SHEET NAME **C-3.2**

SHEET # 08 of 26



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GABLES BLVD RECONSTRUCTION
CHILDS ST. TO COMMERCE DR.

Prepared For:

CITY OF WHEATON
303 W Wesley Street
Wheaton, IL 60187
630-260-2060

REV#	DATE	REVISION DESCRIPTION	AV

LICENSED PROFESSIONAL ENGINEER
STEPHEN M. RICHARDS
062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

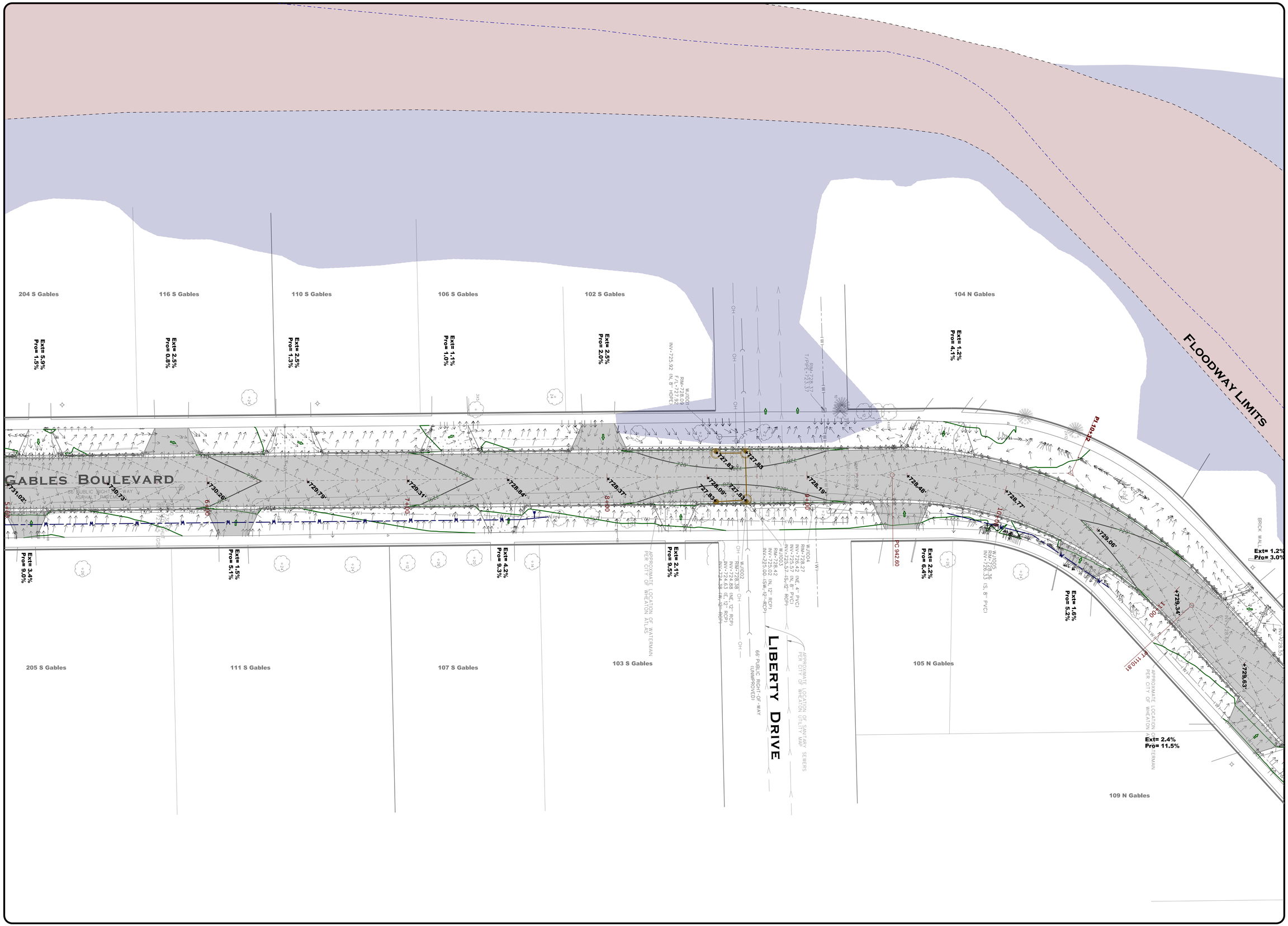
JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=20'	DATE: 02-06-2025

SHEET TITLE:

GRADING PLAN 1

SHEET NAME **C-4.1**

SHEET # 09 of 26



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Prepared For:
CITY OF WHEATON
303 W Wesley Street
Wheaton, IL 60187
630-260-2000

REV'D	DATE	REVISION DESCRIPTION	BY

LICENSED PROFESSIONAL ENGINEER
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062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

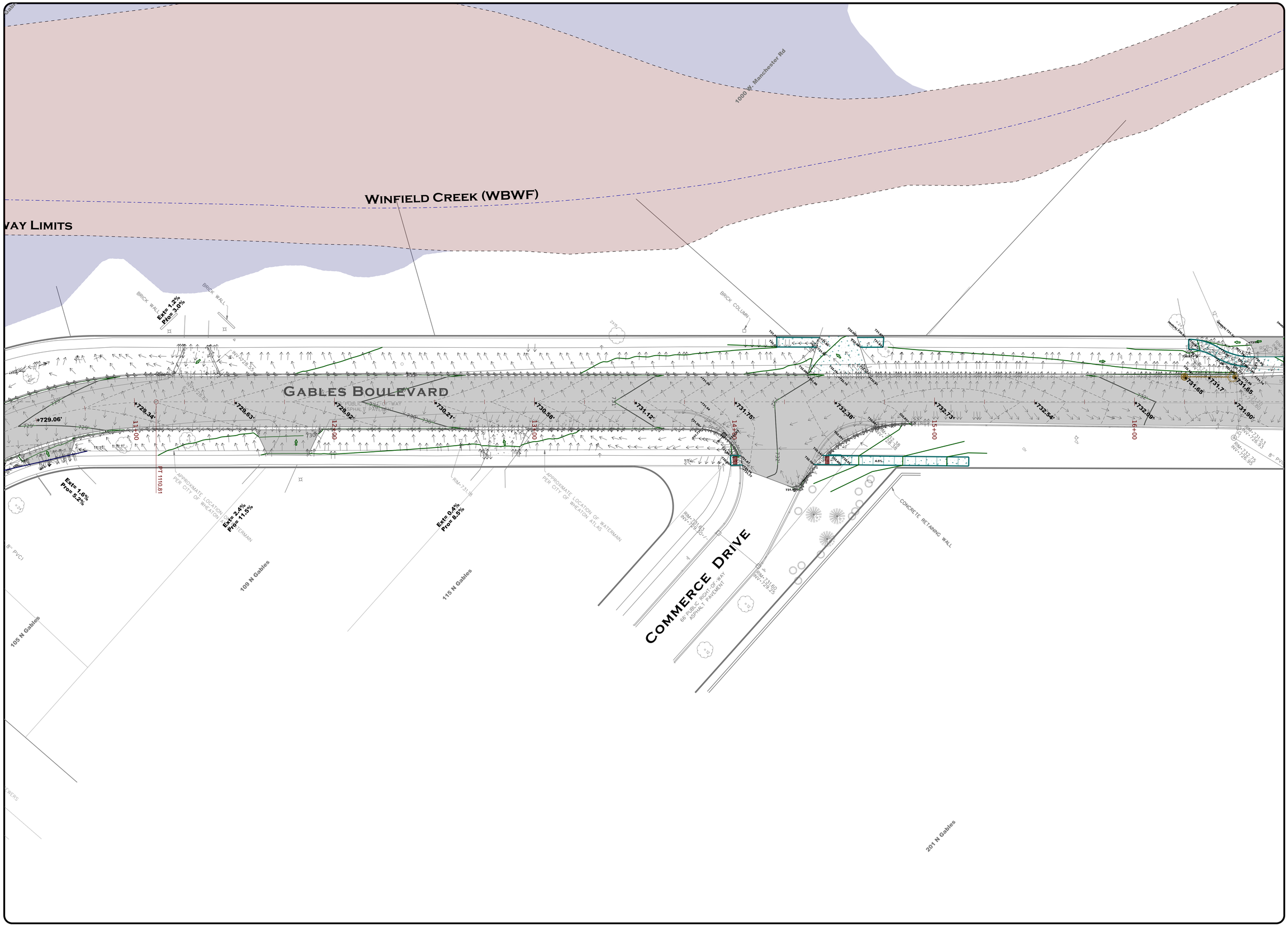
JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=20'	DATE: 02-06-2025

SHEET TITLE:

Grading Plan 2

SHEET NAME **C-4.2**

SHEET # 10 of 26



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GABLES BLVD RECONSTRUCTION CHILDS ST. TO COMMERCE DR.

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Wheaton, IL 60187
630-260-2000

REV#	DATE	REVISION DESCRIPTION	BY

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062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

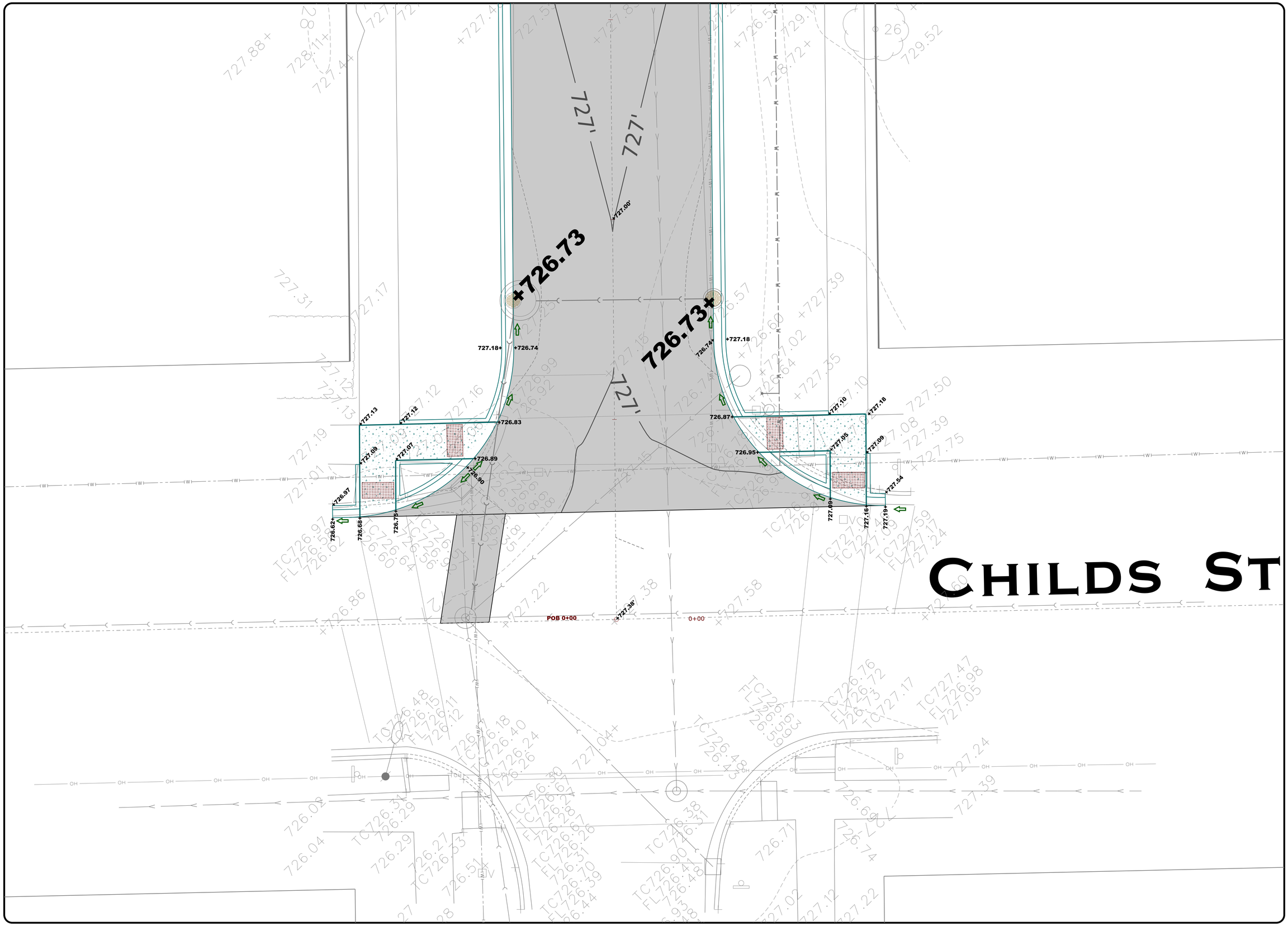
JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=20'	DATE: 02-06-2025

SHEET TITLE:

GRADING PLAN 3

SHEET NAME **C-4.3**

SHEET # 11 of 26



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GRAPHIC SCALE - FEET

Gables Blvd Reconstruction
Childs St. to Commerce Dr.

Prepared For:

CITY OF WHEATON
303 W Wesley Street
Wheaton, IL 60187
630-260-2060

REV#	DATE	REVISION DESCRIPTION	BY

LICENSED PROFESSIONAL ENGINEER
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062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range:
DuPage: SW¼ 17-39N-10E

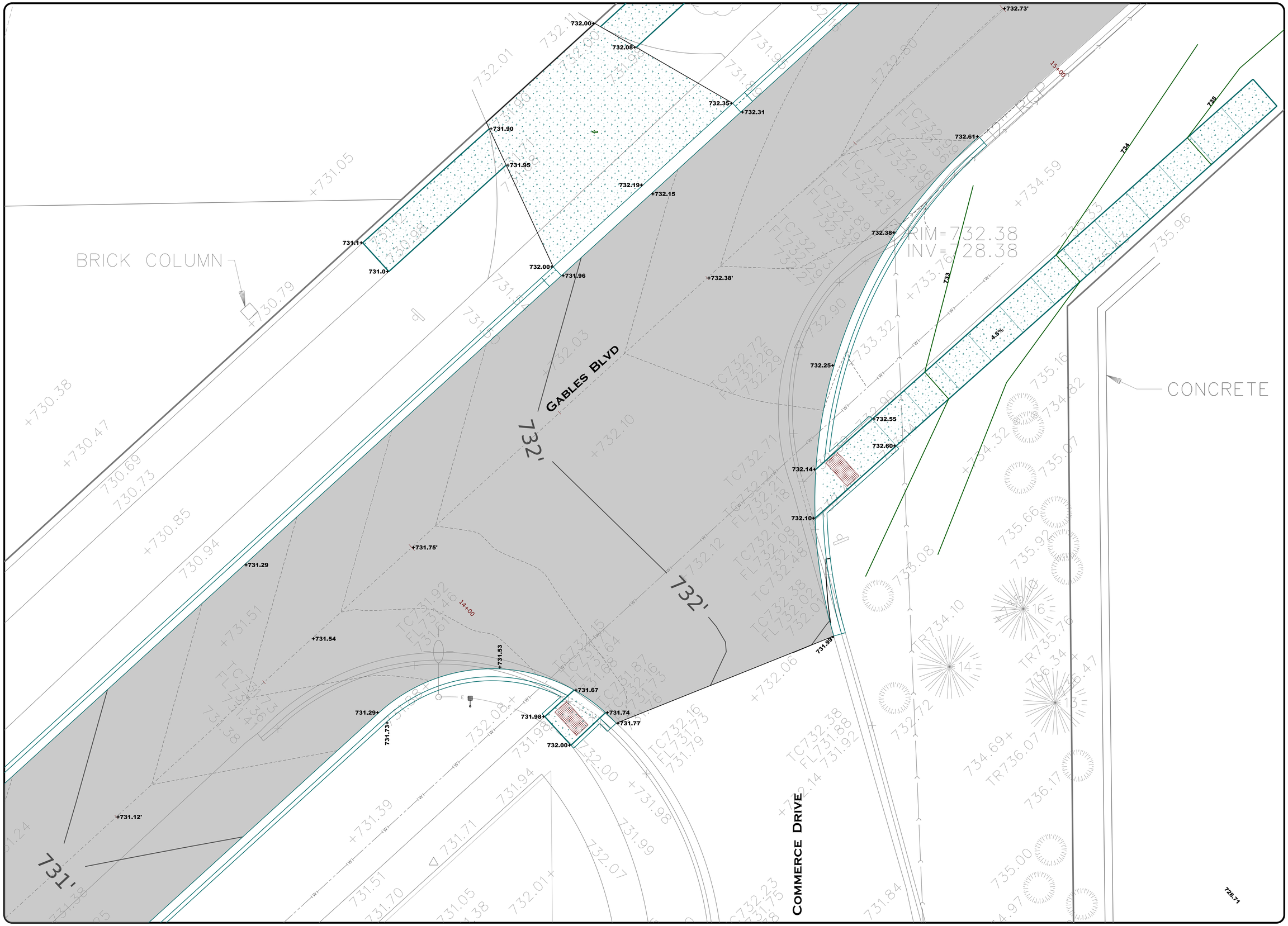
JOB #	44959	SURV:	CLB
DRAWN:	RLS	REVIEW:	SMR
SCALE:	1"=5'	DATE:	02-06-2025

SHEET TITLE:

Childs Street Detail

SHEET NAME: C-4.4

SHEET # 12 of 26



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GABLES BLVD RECONSTRUCTION
CHILDS ST. TO COMMERCE DR.

Prepared For:
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630-260-2060

REV#	DATE	REVISION DESCRIPTION	BY

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STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

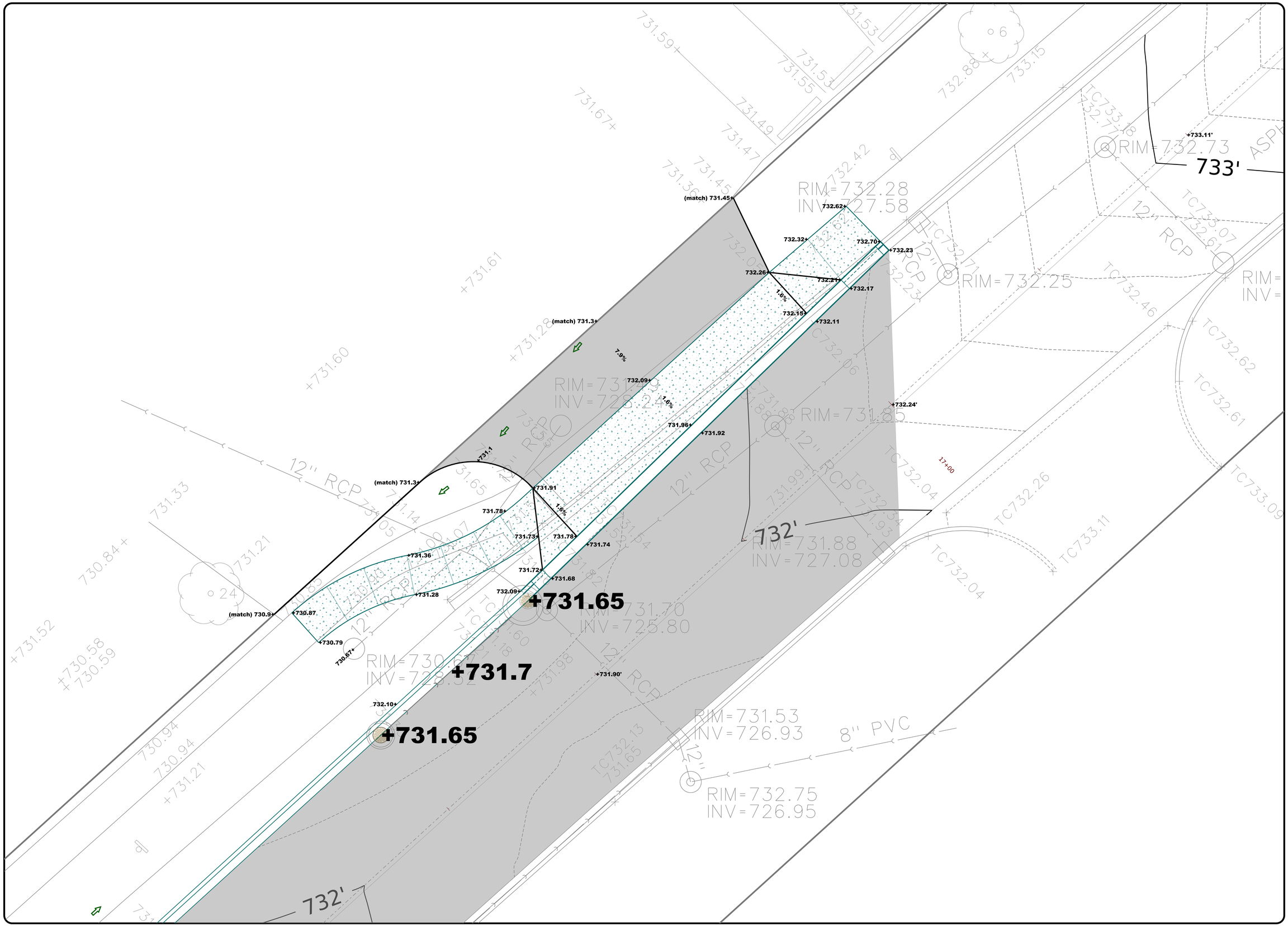
JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=5'	DATE: 02-06-2025

SHEET TITLE:

COMMERCE DRIVE DETAIL

SHEET NAME **C-4.5**

SHEET # 13 of 26



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GRAPHIC SCALE - FEET

Gables Blvd Reconstruction
Childs St. to Commerce Dr.

Prepared For:

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Wheaton, IL 60187
630-260-2000

REV#	DATE	REVISION DESCRIPTION	BY

LICENSED PROFESSIONAL ENGINEER
STEPHEN M. RICHARDS
062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

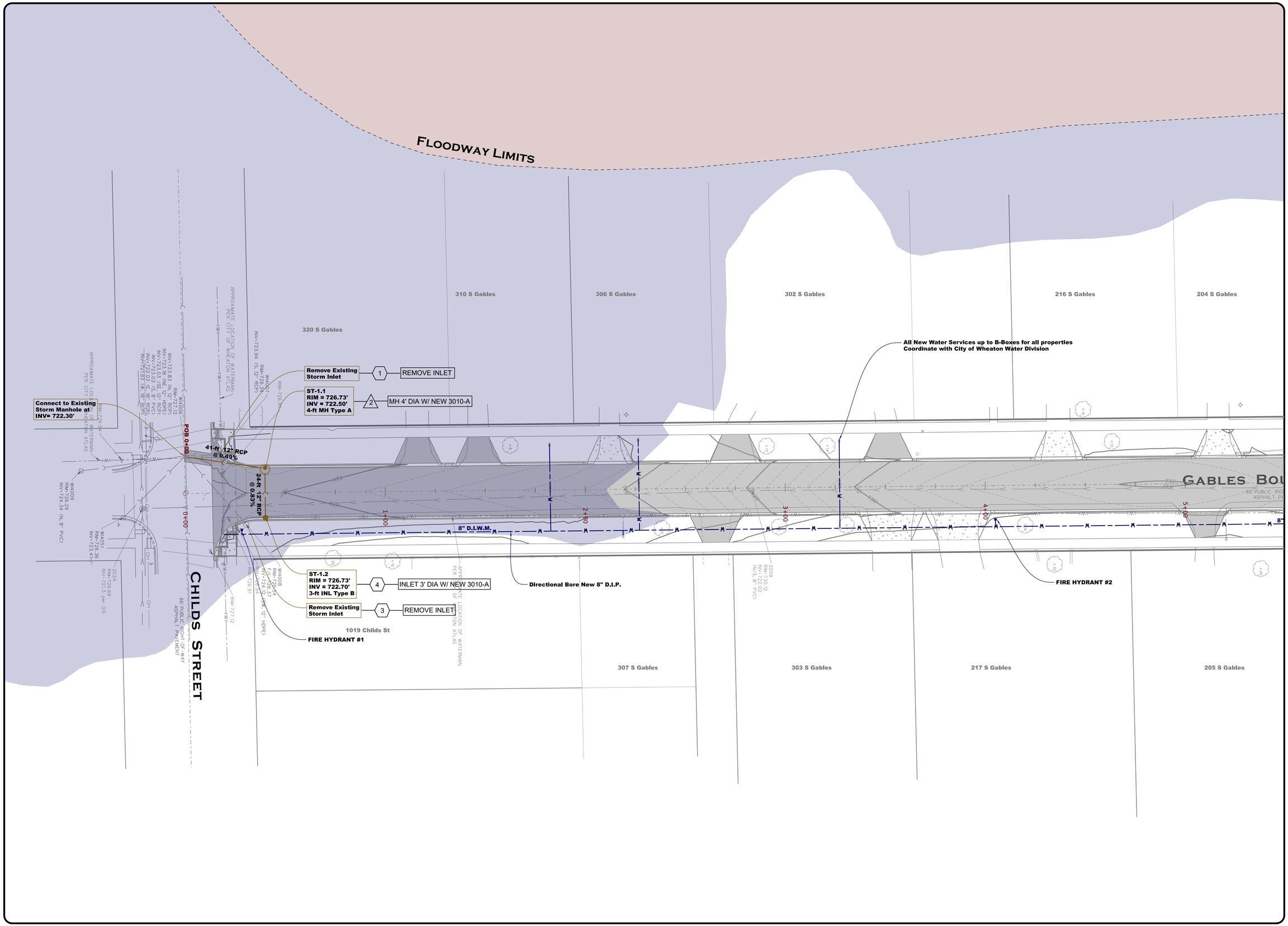
JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=5'	DATE: 02-06-2025

SHEET TITLE:

Driveway Replacement

SHEET NAME: **C-4.6**

SHEET # 14 of 26



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GRAPHIC SCALE - FEET

GABLES BLVD RECONSTRUCTION
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Prepared For:

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Wheaton, IL 60187
630-260-2000

REV'S	DATE	REVISION DESCRIPTION	AW

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STEPHEN M. RICHARDS
062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

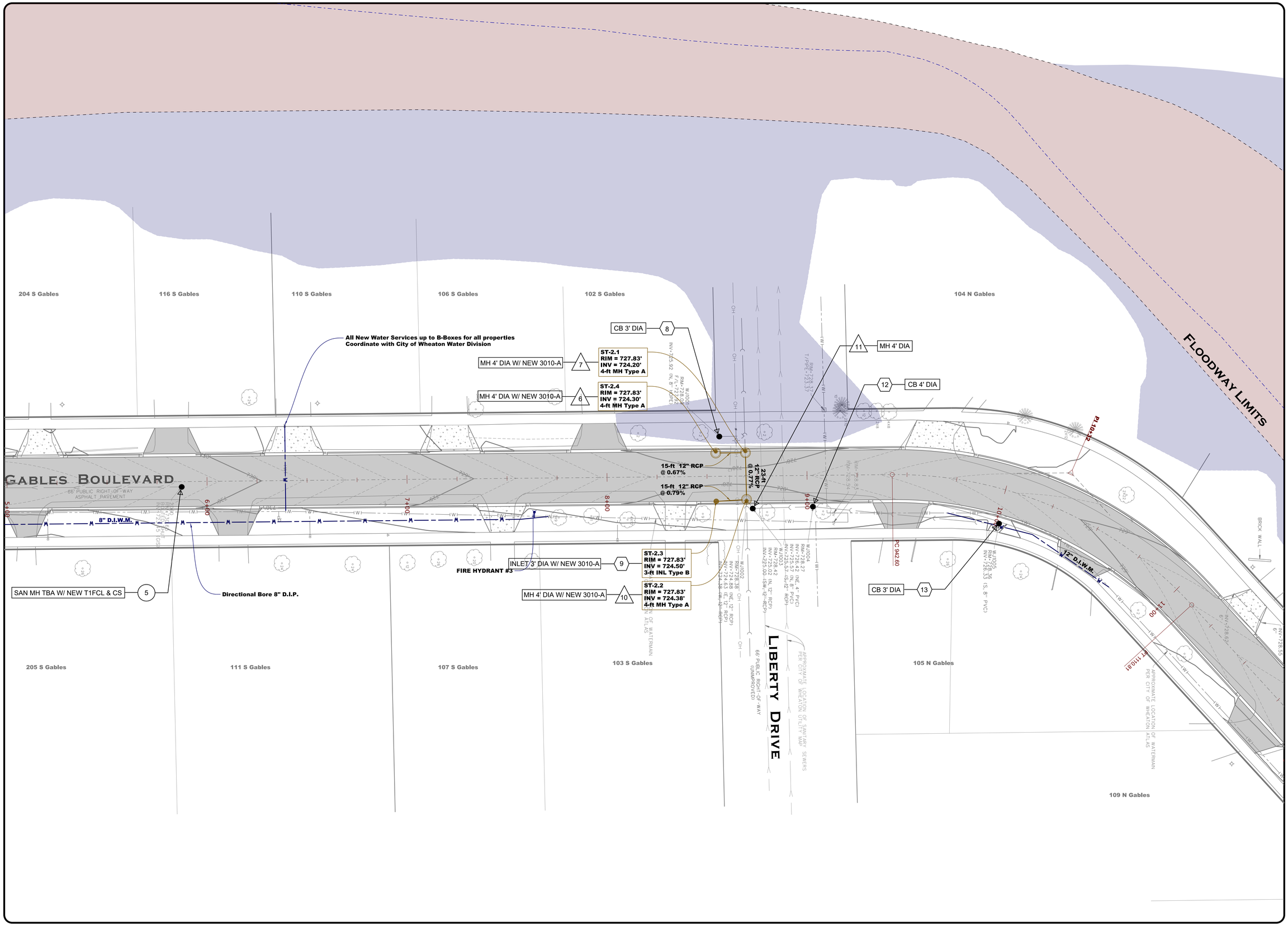
JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=20'	DATE: 02-06-2025

SHEET TITLE:

UTILITY PLAN 1

SHEET NAME C-5.1

SHEET # 16 of 26



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GRAPHIC SCALE - FEET

Gables Blvd Reconstruction
Childs St. to Commerce Dr.

Prepared For:
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303 W Wesley Street
Wheaton, IL 60187
630-260-2000

REV'D	DATE	REVISION DESCRIPTION	BY

LICENSED PROFESSIONAL ENGINEER
STEPHEN M. RICHARDS
062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

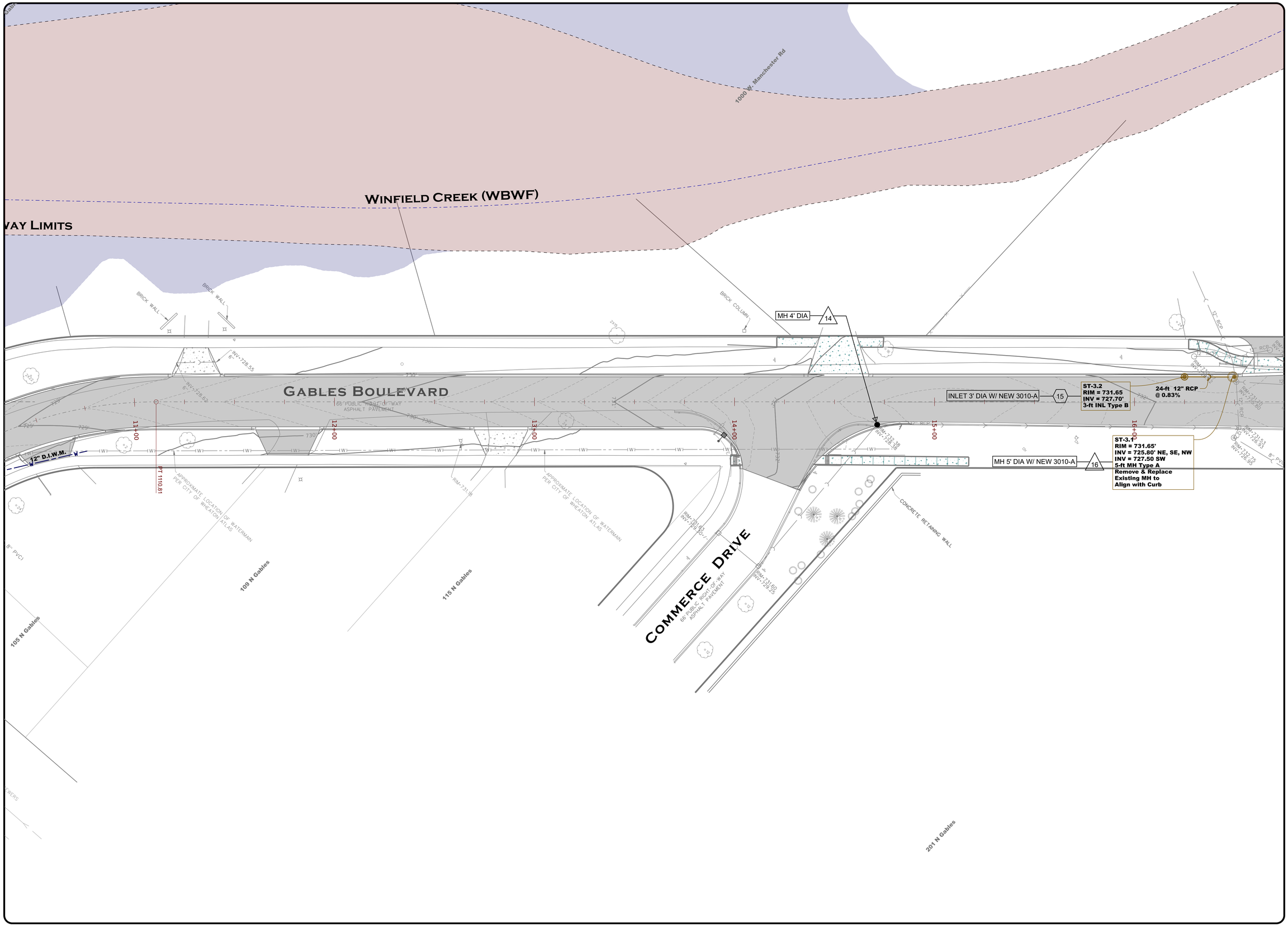
JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=20'	DATE: 02-06-2025

SHEET TITLE:

Utility Plan 2

SHEET NAME C-5.2

SHEET # 17 of 26



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GRAPHIC SCALE - FEET

GABLES BLVD RECONSTRUCTION CHILDS ST. TO COMMERCE DR.

Prepared For:
CITY OF WHEATON
303 W Wesley Street
Wheaton, IL 60187
630-260-2000

REV#	DATE	REVISION DESCRIPTION	BY

LICENSED PROFESSIONAL ENGINEER
STEPHEN M. RICHARDS
062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

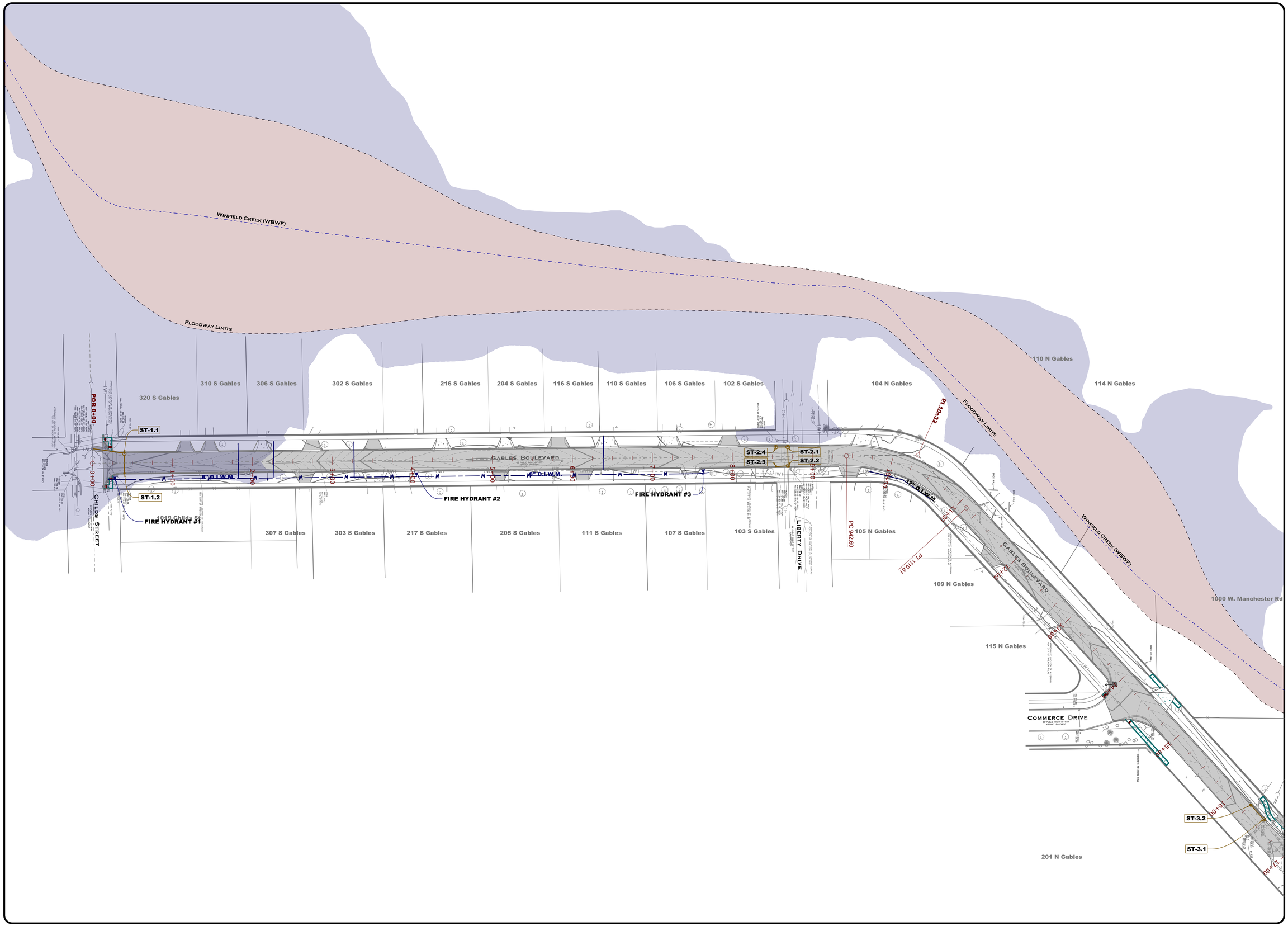
JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=20'	DATE: 02-06-2025

SHEET TITLE:

UTILITY PLAN 3

SHEET NAME: **C-5.3**

SHEET # 18 of 26



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Gables Blvd Reconstruction
Childs St. to Commerce Dr.

Prepared For:

CITY OF WHEATON
303 W Wesley Street
Wheaton, IL 60187
630-260-2000

REV#	DATE	REVISION DESCRIPTION	BY

Licensed Professional Engineer
STEPHEN M. RICHARDS
062-054556
State of Illinois

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

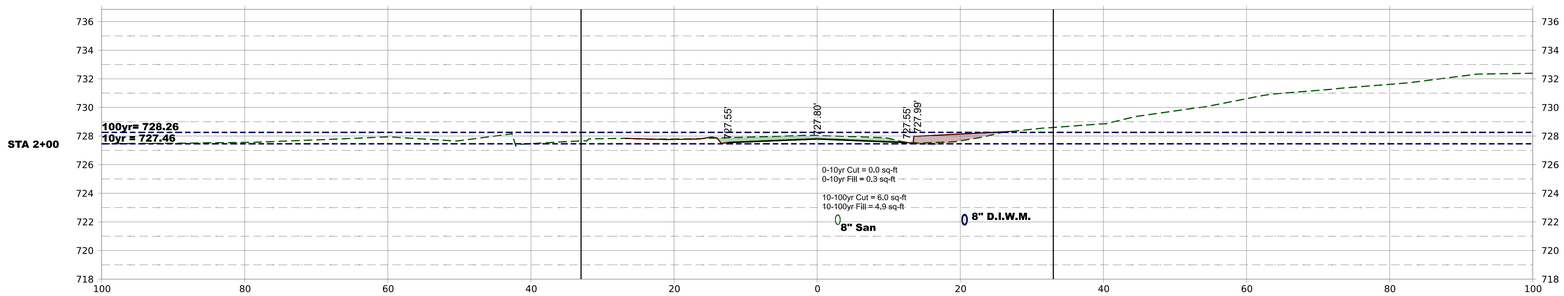
JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=50'	DATE: 02-06-2025

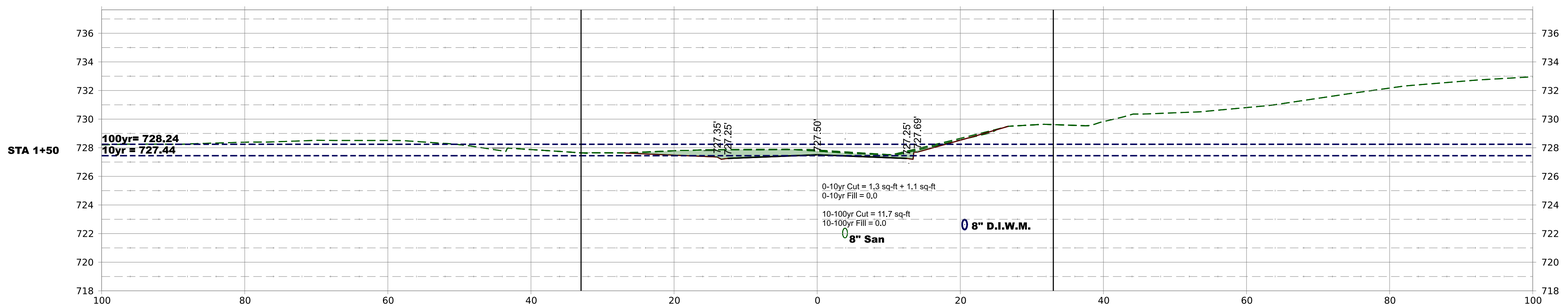
SHEET TITLE:

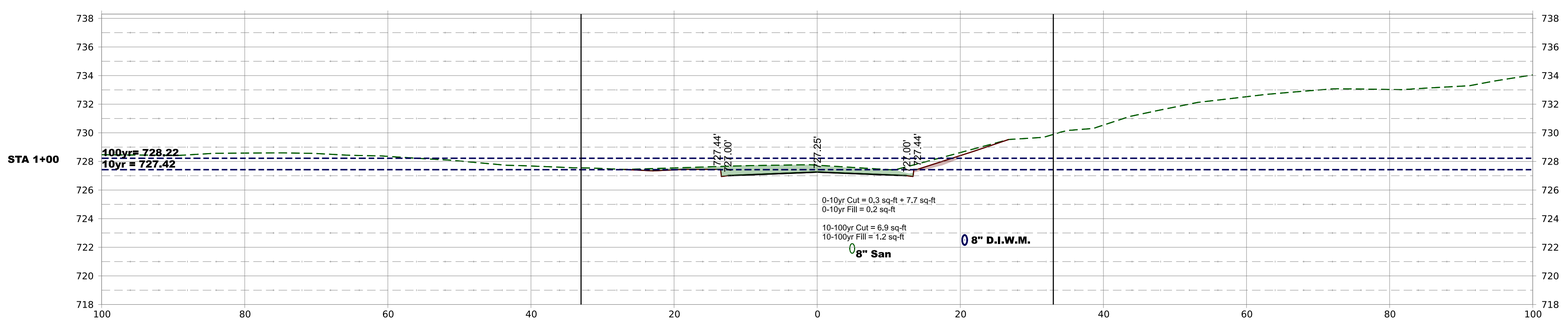
Utility Plan

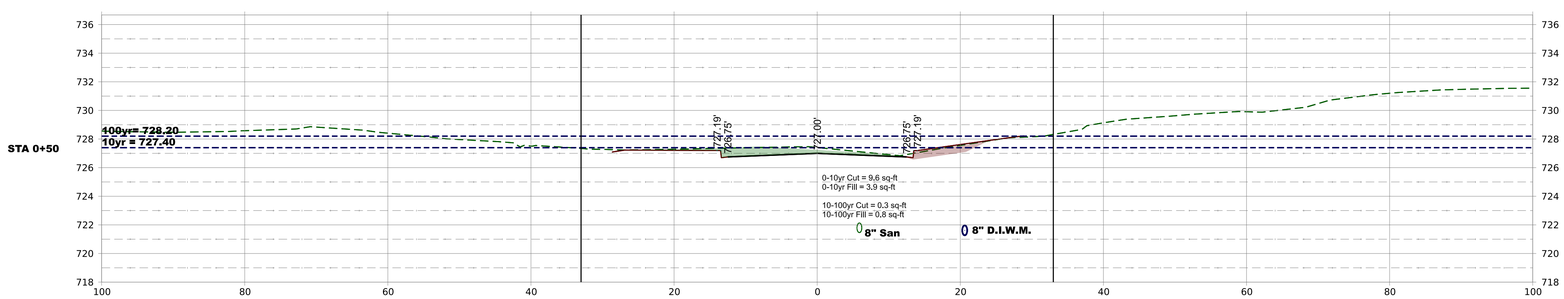
SHEET NAME **C-5**

SHEET # 15 of 26









FLOOD PLAIN VOLUME SUMMARY

0-10yr Cut = 1,000 cu-ft
0-10yr Fill = 220 cu-ft
0-10yr Cut/Fill Ratio = 455%

10-100yr Cut = 6,150 cu-ft
10-100yr Fill = 345 cu-ft
10-100yr Cut/Fill Ratio = 1,783%

TOTAL 0-100yr Cut/Fill Ratio = 1,265%

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GRAPHIC SCALE - FEET

GABLES BLVD RECONSTRUCTION
CHILDS ST. TO COMMERCE DR.

Prepared For:
CITY OF WHEATON
303 W Wesley Street
Wheaton, IL 60187
630-260-2000

REV#	DATE	REVISION DESCRIPTION	BY

LICENSED PROFESSIONAL ENGINEER
STEPHEN M. RICHARDS
062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

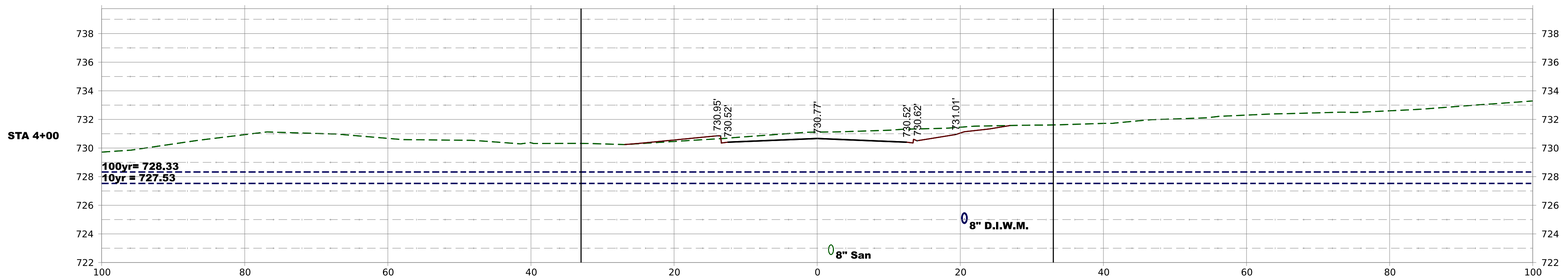
JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=50'	DATE: 02-06-2025

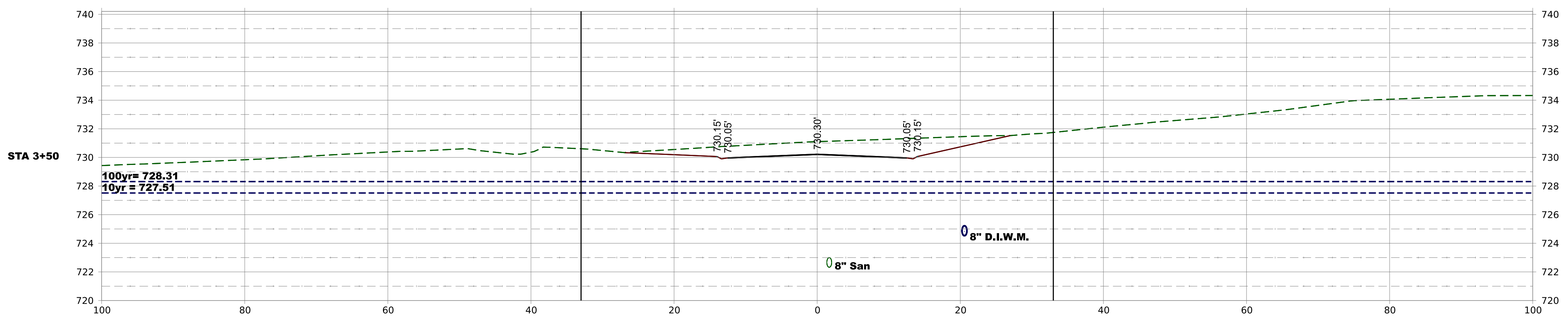
SHEET TITLE:

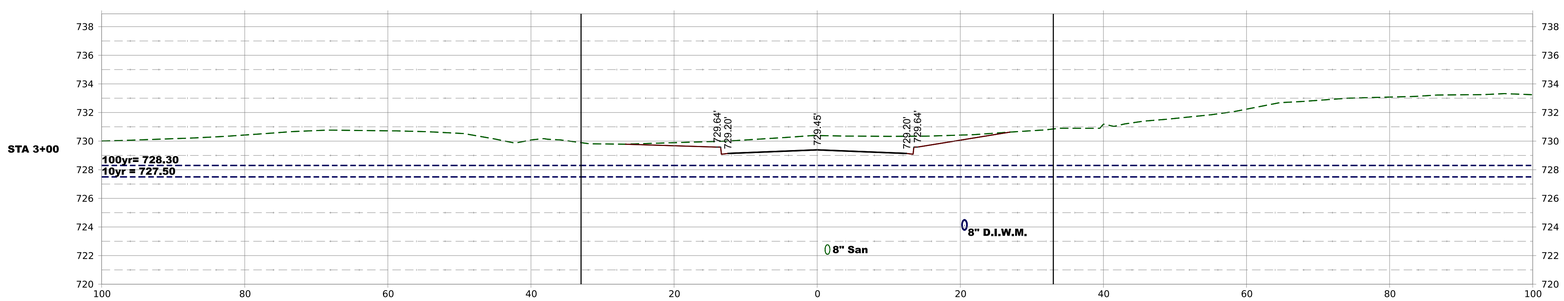
CROSS SECTIONS 1

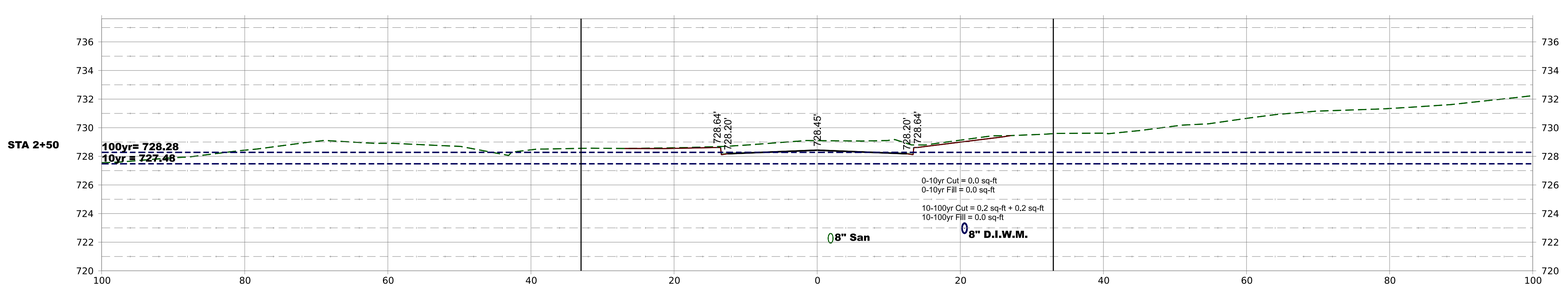
SHEET NAME C-6.1

SHEET # 19 of 26









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0 50 100
GRAPHIC SCALE - FEET

Gables Blvd Reconstruction
Childs St. to Commerce Dr.

Prepared For:
CITY OF WHEATON
303 W Wesley Street
Wheaton, IL 60187
630-260-2000

REV#	DATE	REVISION DESCRIPTION	BY

LICENSED PROFESSIONAL ENGINEER
STEPHEN M. RICHARDS
062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

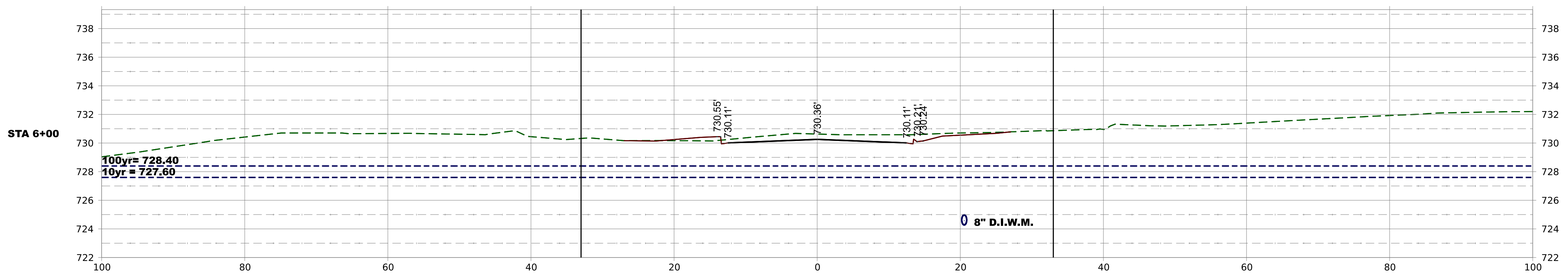
JOB #	44959	SURV:	CLB
DRAWN:	RLS	REVIEW:	SMR
SCALE:	1"=50'	DATE:	02-06-2025

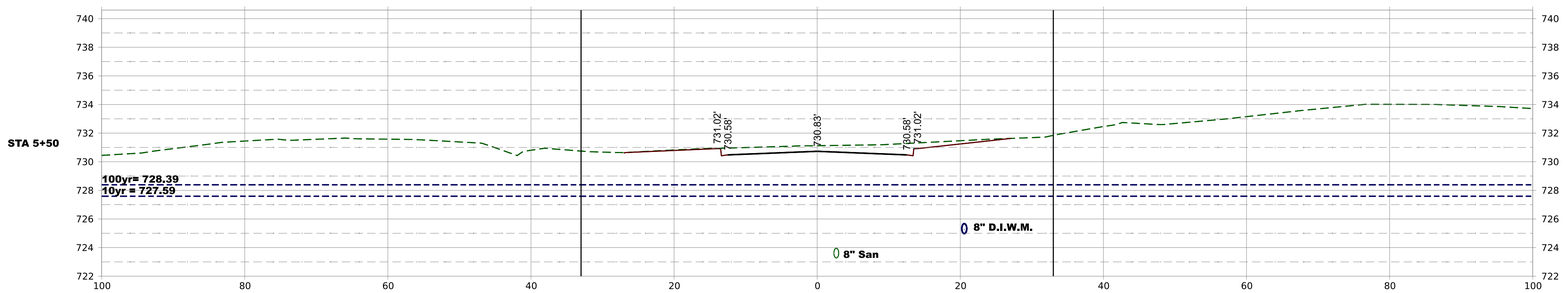
SHEET TITLE:

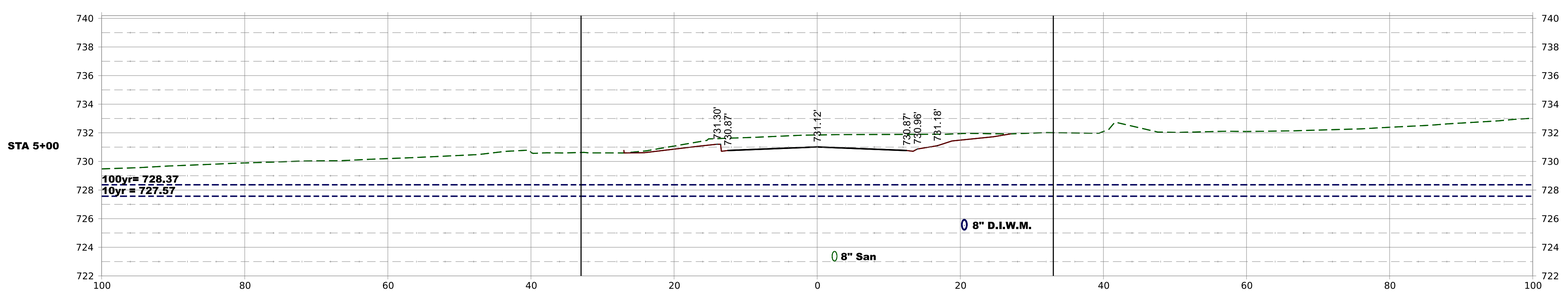
Cross Sections 2

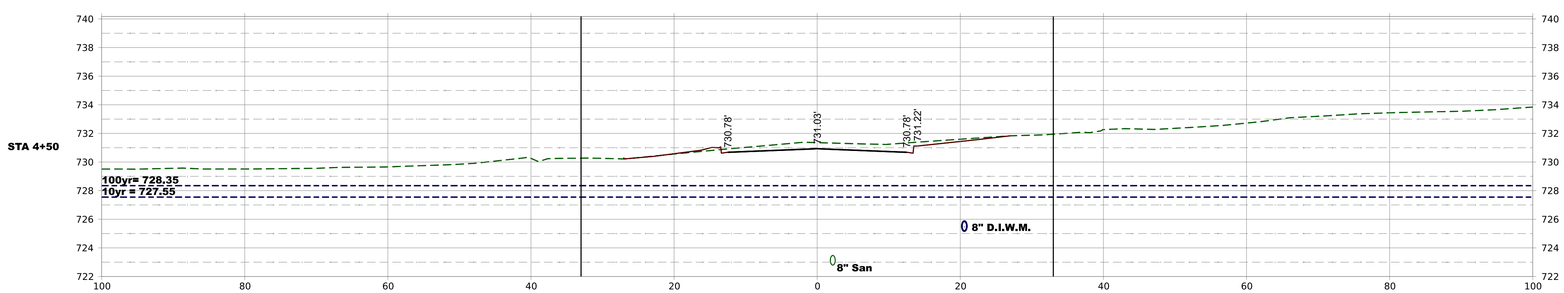
SHEET NAME C-6.2

SHEET # 20 of 26









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GRAPHIC SCALE - FEET

GABLES BLVD RECONSTRUCTION
CHILDS ST. TO COMMERCE DR.

Prepared For:
CITY OF WHEATON
303 W Wesley Street
Wheaton, IL 60187
630-260-2060

REV#	DATE	REVISION DESCRIPTION	BY

LICENSED PROFESSIONAL ENGINEER
STEPHEN M. RICHARDS
062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

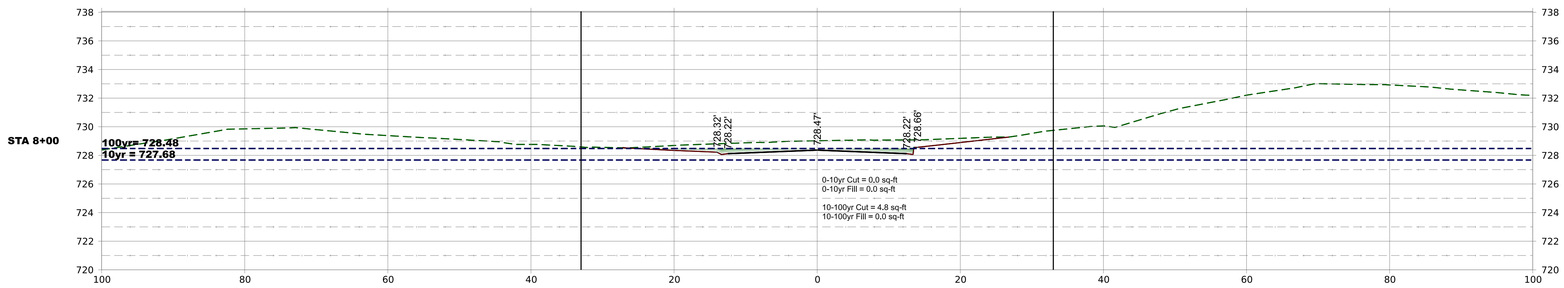
JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=50'	DATE: 02-06-2025

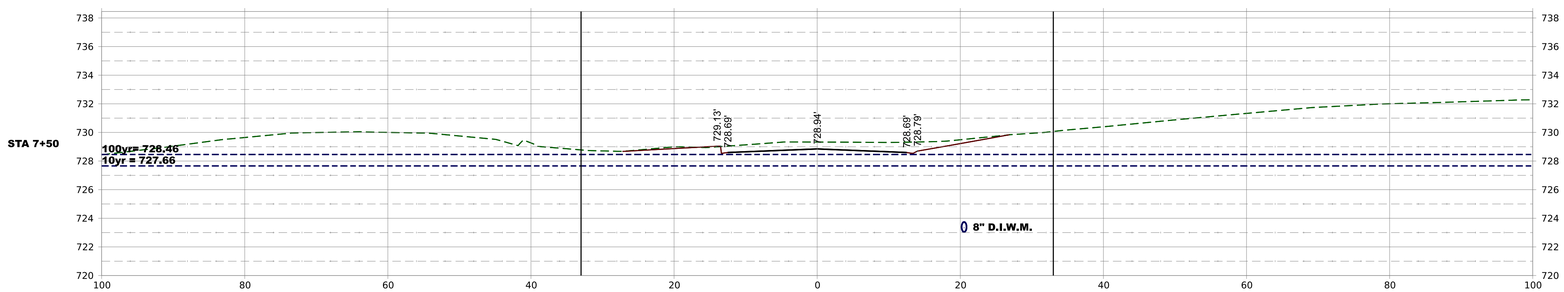
SHEET TITLE:

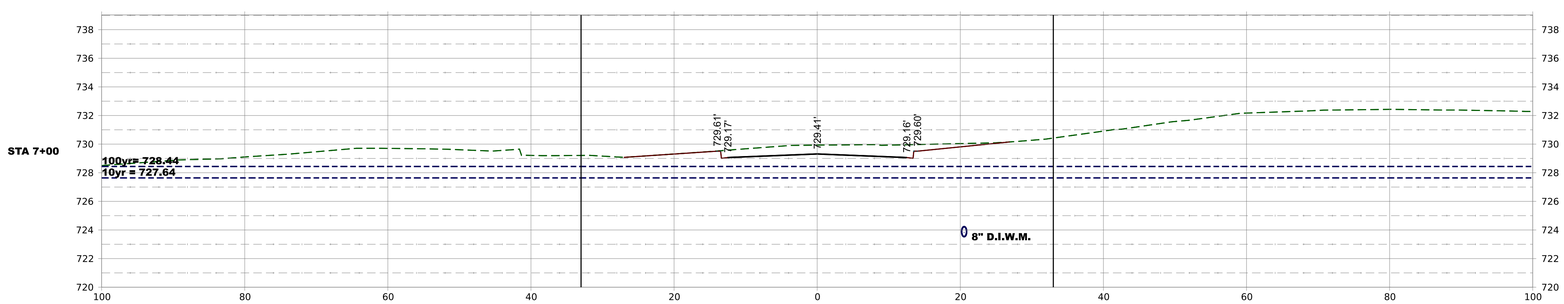
CROSS SECTIONS 3

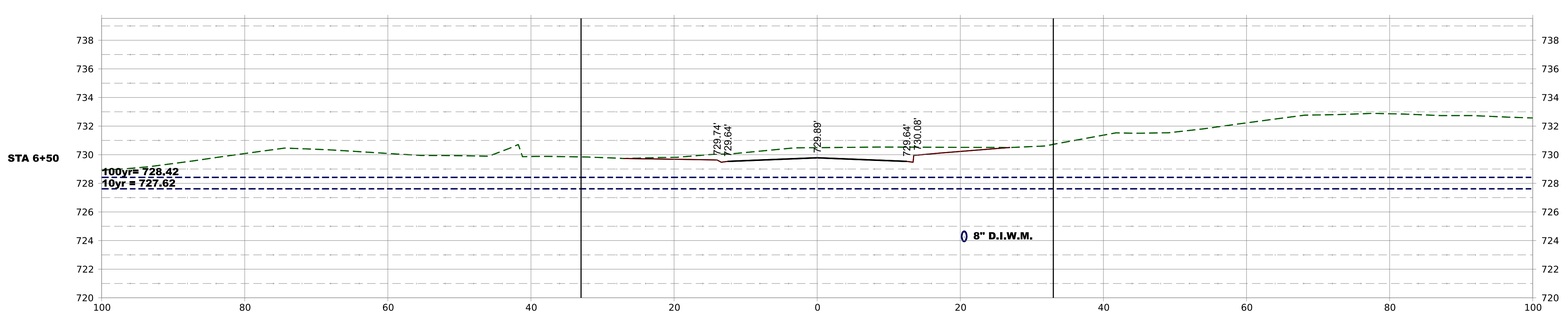
SHEET NAME C-6.3

SHEET # 21 of 26









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GRAPHIC SCALE - FEET

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CHILDS ST. TO COMMERCE DR.

Prepared For:
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303 W Wesley Street
Wheaton, IL 60187
630-260-2000

REV#	DATE	REVISION DESCRIPTION	BY

LICENSED PROFESSIONAL ENGINEER
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STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

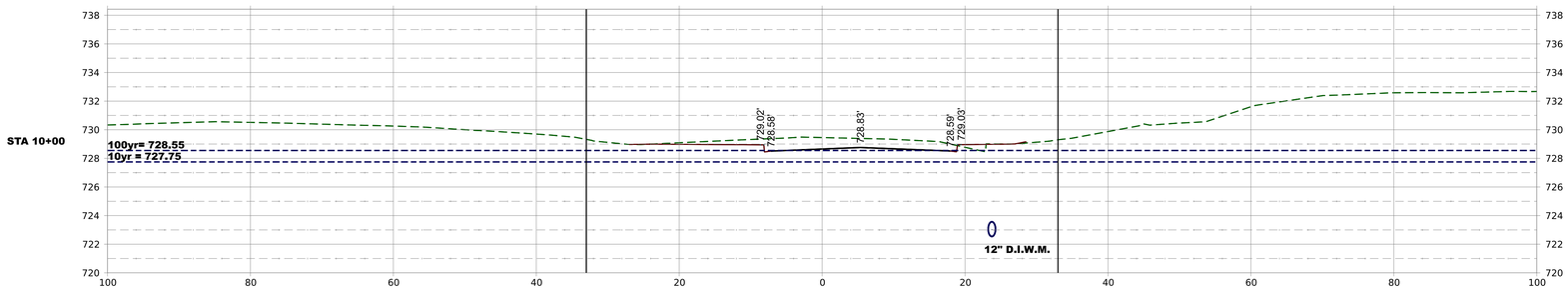
JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=50'	DATE: 02-06-2025

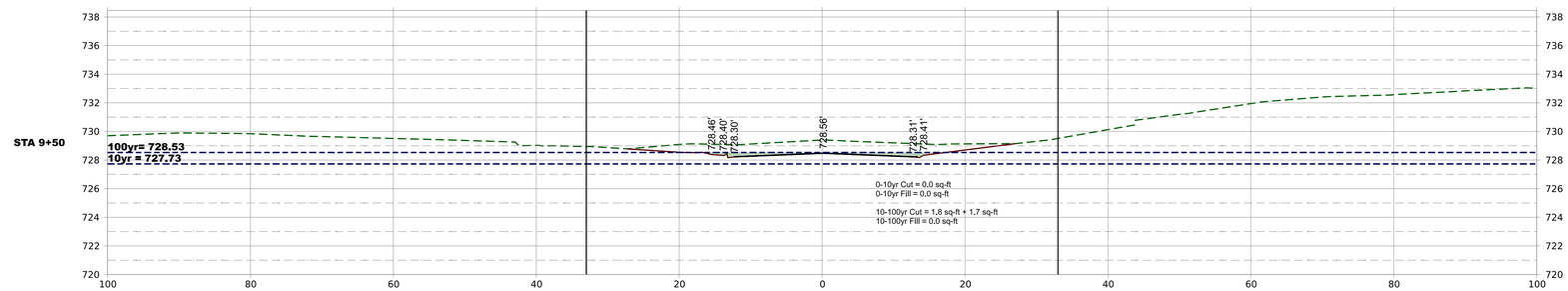
SHEET TITLE:

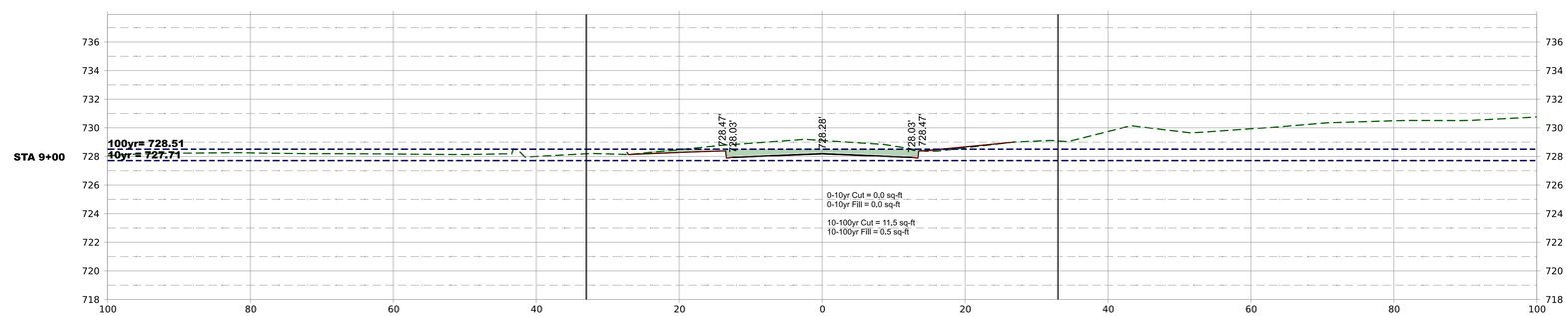
CROSS SECTIONS 4

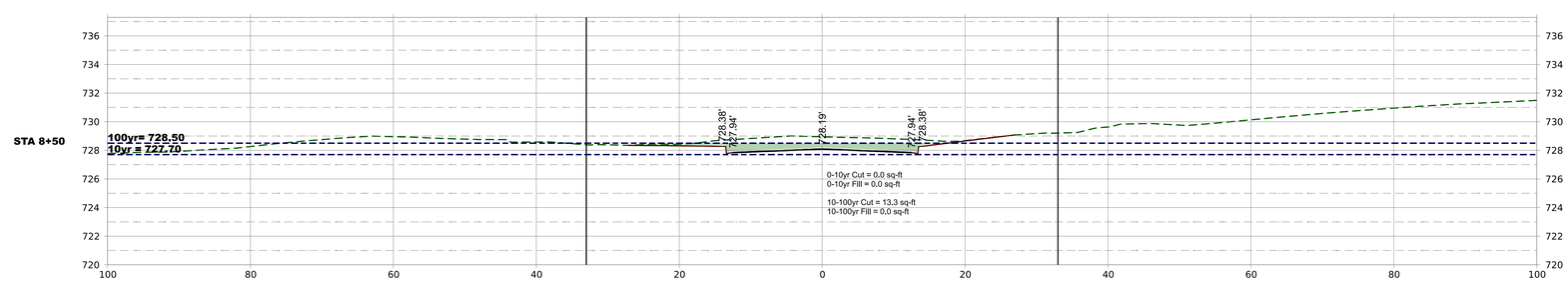
SHEET NAME C-6.4

SHEET # 22 of 26









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STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

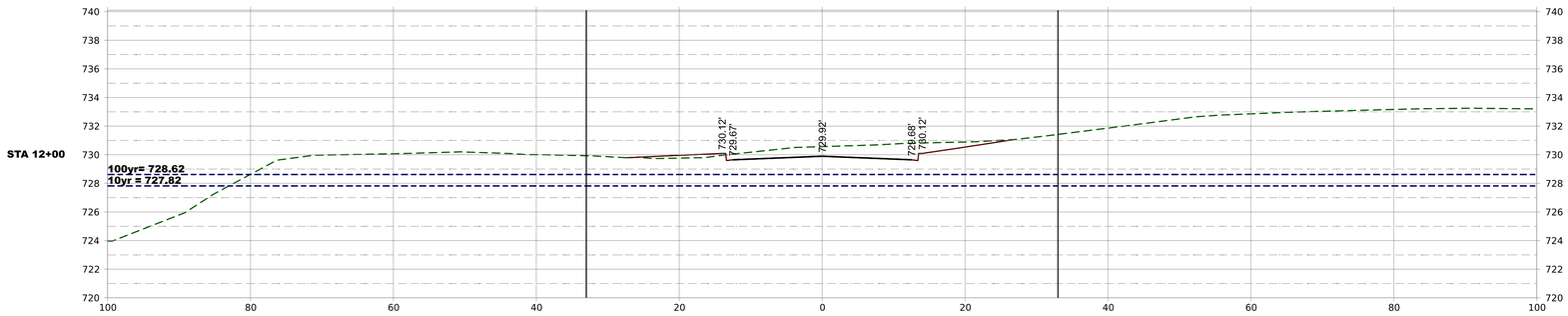
JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=50'	DATE: 02-06-2025

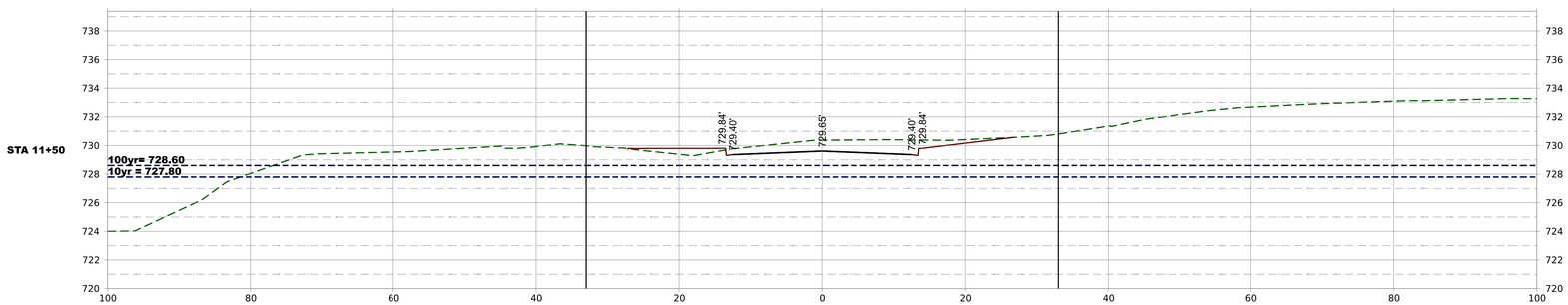
SHEET TITLE:

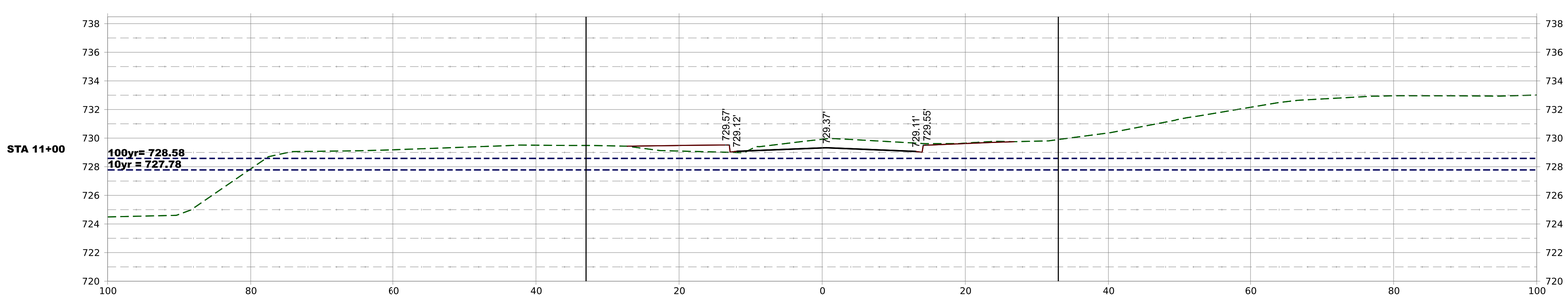
Cross Sections 5

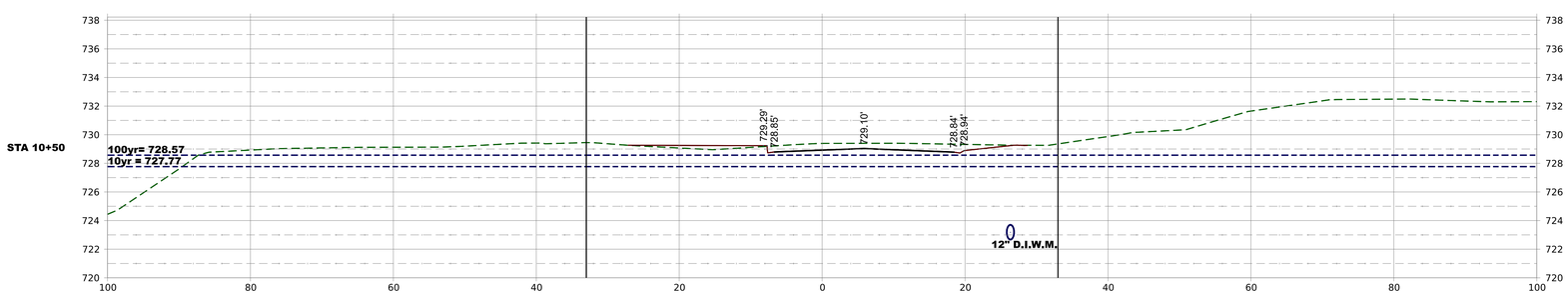
SHEET NAME C-6.5

SHEET # 23 of 26









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GRAPHIC SCALE - FEET

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LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=50'	DATE: 02-06-2025

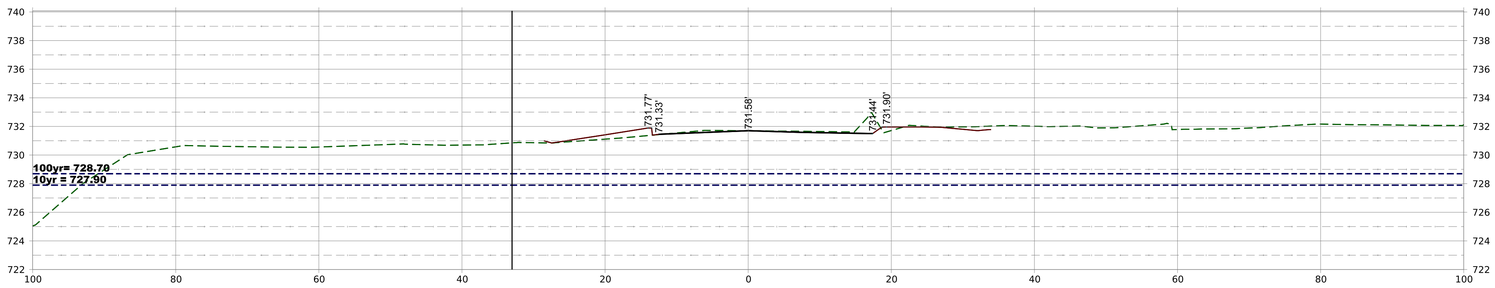
SHEET TITLE:

Cross Sections 6

SHEET NAME **C-6.6**

SHEET # 24 of 26

STA 14+00



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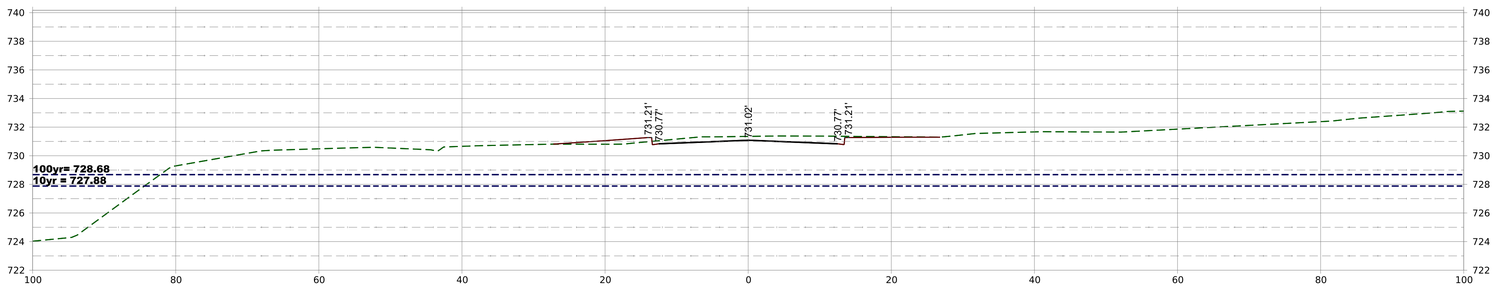

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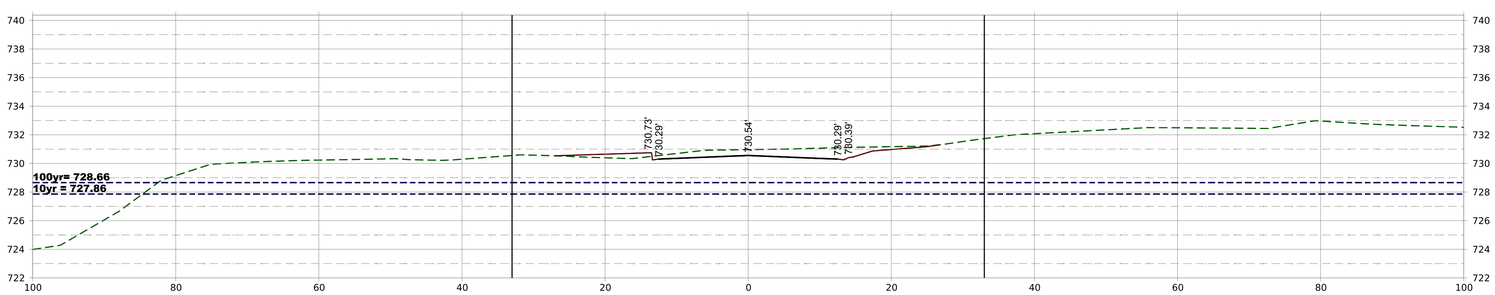

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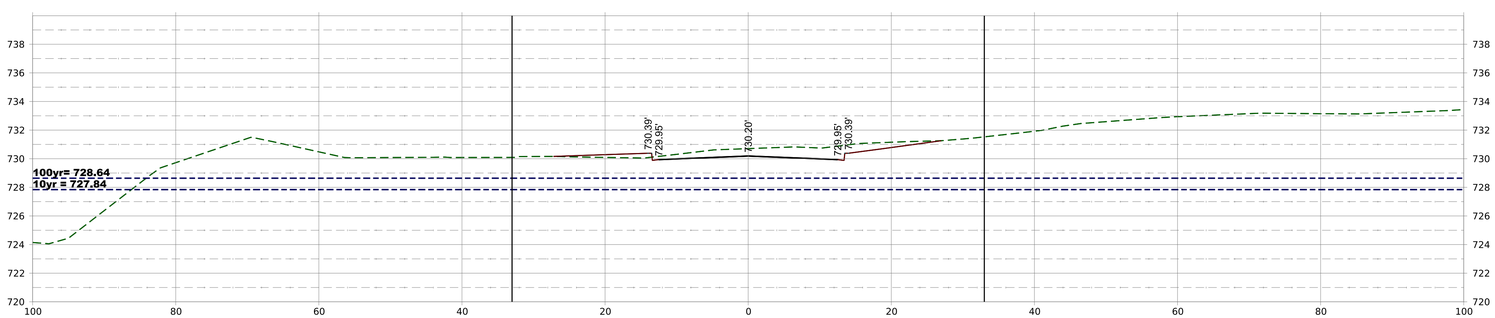

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GRAPHIC SCALE - FEET

GABLES BLVD RECONSTRUCTION
CHILDS ST. TO COMMERCE DR.

Prepared For:
CITY OF WHEATON
303 W Wesley Street
Wheaton, IL 60187
630-260-2060

REV#	DATE	REVISION DESCRIPTION	BY

LICENSED PROFESSIONAL ENGINEER
STEPHEN M. RICHARDS
062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

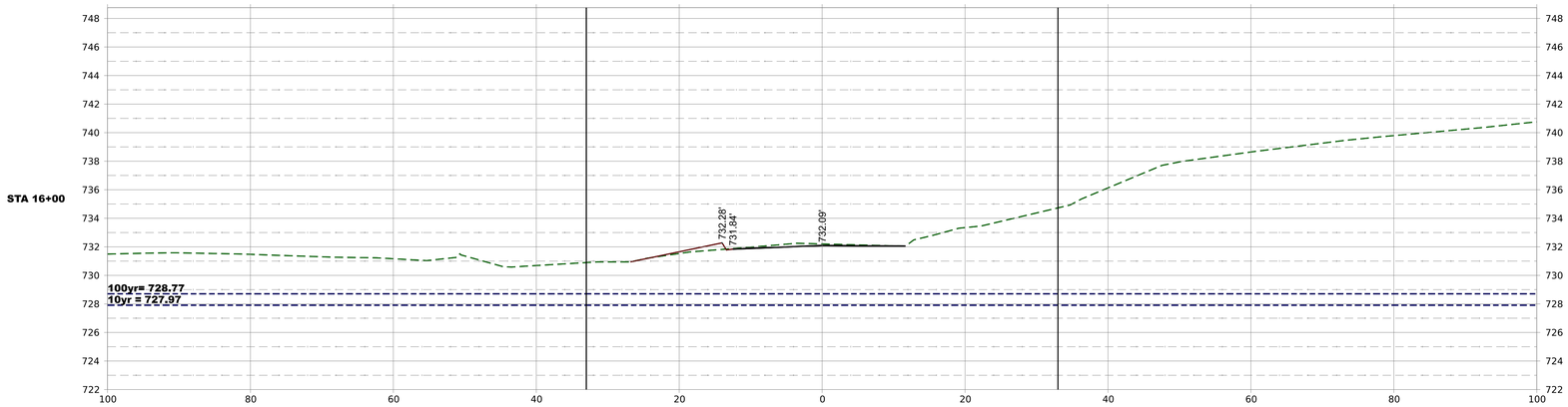
JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=50'	DATE: 02-06-2025

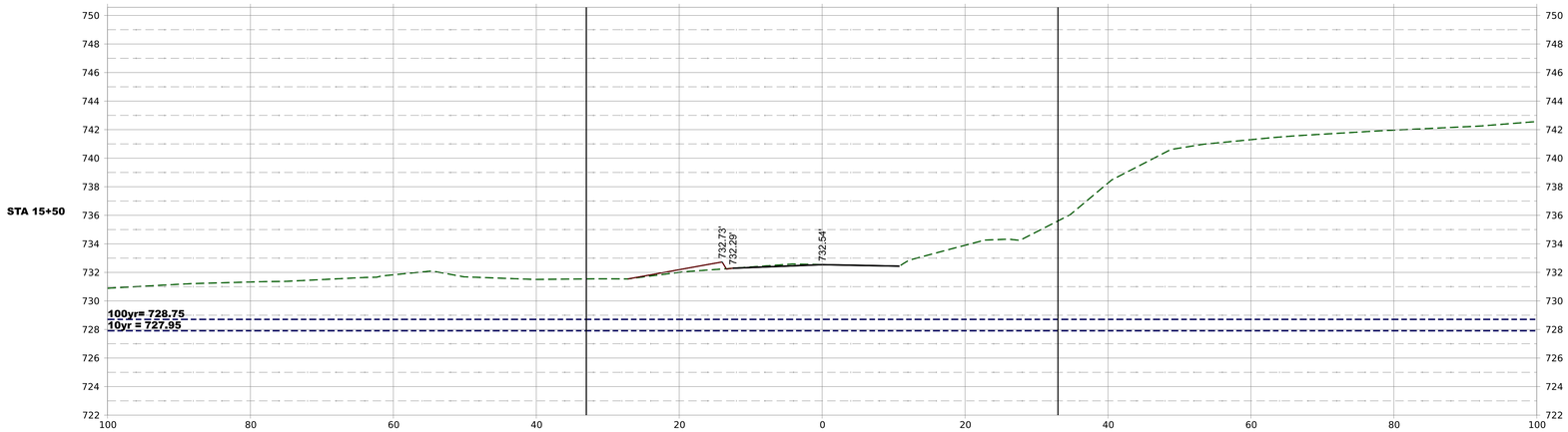
SHEET TITLE:

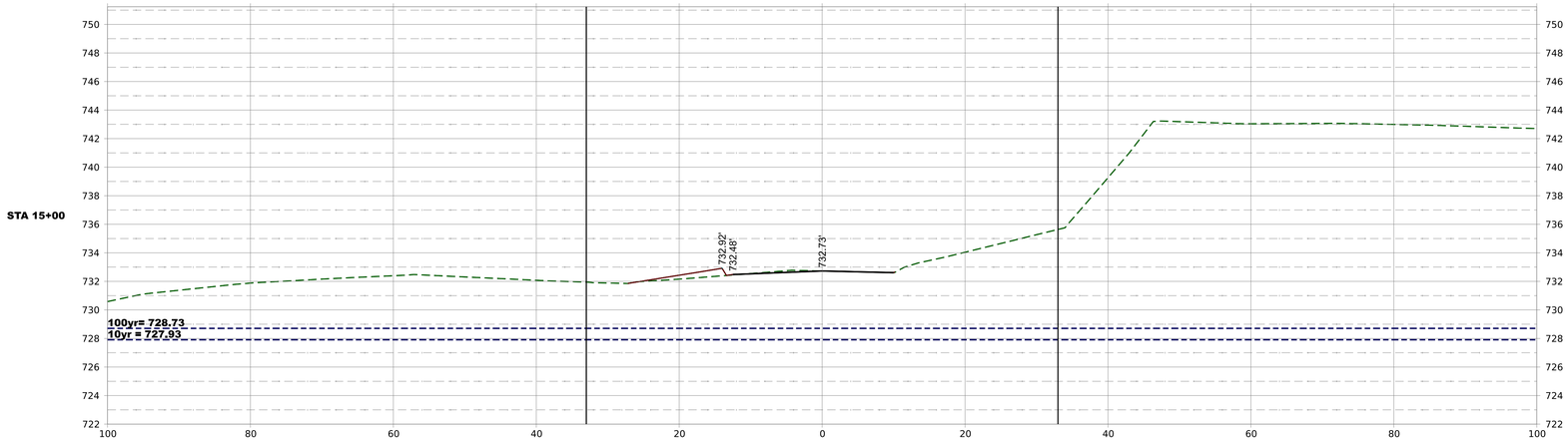
CROSS SECTIONS 7

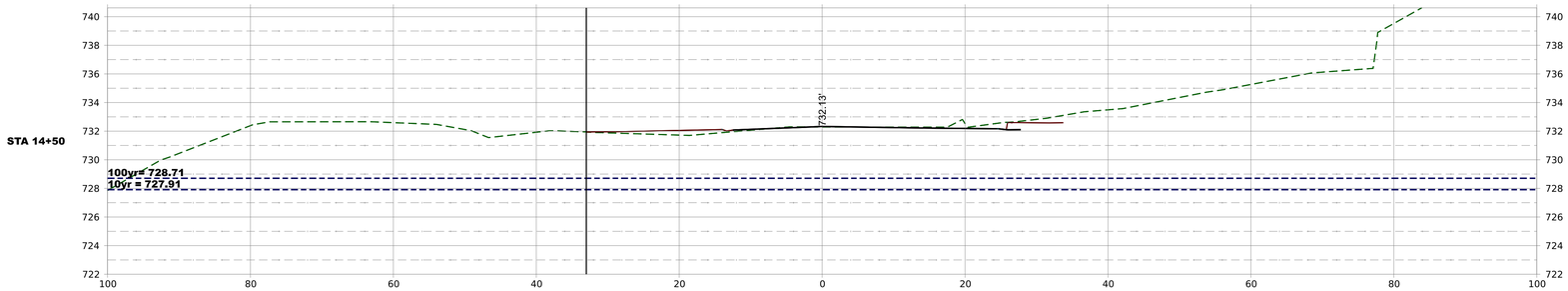
SHEET NAME C-6.7

SHEET # 25 of 26









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GRAPHIC SCALE - FEET

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Section-Township-Range
DuPage: SW¼ 17-39N-10E

JOB #	44959	SURV:	CLB
DRAWN:	RLS	REVIEW:	SMR
SCALE:	1"=50'	DATE:	02-06-2025

SHEET TITLE:

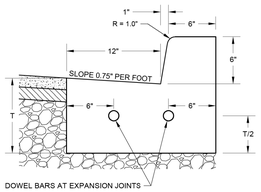
Cross Sections 8

SHEET NAME: C-6.8

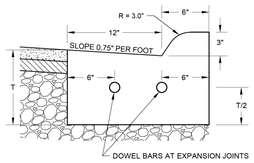
SHEET # 26 of 26

CURB & GUTTER SPECIFICATIONS

TYPE B 6.12



TYPE M 3.12



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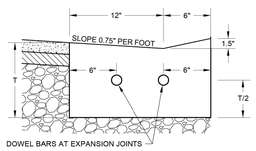


NOTE:

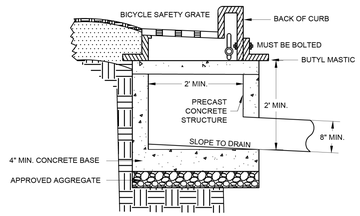
1. TWO NO.6 STEEL DOWEL BARS WITH CAPS TO BE USED AT ALL EXPANSION JOINTS 100 ft. INTERVALS.
2. CONSTRUCTION JOINTS AT 25 ft. INTERVALS.
3. INSTALL THREE 3/8" REBAR AT ALL TRENCH CROSSINGS. BARS TO EXTEND TWO FEET BEYOND EDGE OF TRENCH AND HAVE A MINIMUM LENGTH OF 10 FT.
4. THE BASE COURSE WILL BE OF A DEPTH SUFFICIENT TO BRING THE CURB AND GUTTER TO THE PROPOSED GRADE.

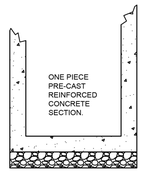
T = THICKNESS OF PAVEMENT

CITY OF WHEATON	
DESIGN DETAILS AND STANDARDS	
FIGURE # 4	
DATE: 3-8-21	FILE NAME: Curb & Gutter.dwg

CURBLINE INLET OR CATCH BASIN

1. A MAXIMUM ADJUSTMENT OF 8" USING 2 (TWO) RISER RINGS. NO METAL RISER RINGS OR BRICKS ALLOWED.
   A. CONCRETE ADJUSTING RINGS SHALL HAVE A MINIMUM THICKNESS OF 2"
   B. RUBBER ADJUSTING RINGS SHALL TOTAL NO MORE THAN 3"
2. FRAME AND GRATE SHALL BE NEENAH R-3010
3. ALL JOINTS BETWEEN BARREL SECTION, RISER, AND CASTING SHALL BE SEALED WITH FLEXIBLE BUTYL MASTIC MATERIAL 2-1/4" WIDE AND 3/8" THICK OR ENGINEER APPROVED SUBSTITUTE. MORTAR IS NOT ALLOWED.
4. THE GRATE SHALL BE A BICYCLE SAFETY GRATE.
5. REFERENCE: STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, CURRENT EDITION
6. IN ALL INSTANCES WHERE 2 OR MORE PIPES ENTER OR EXIT AN INLET OR CATCH BASIN, 4' INSIDE DIAMETER STRUCTURE MUST BE USED. ANY SUBSTITUTIONS MUST BE APPROVED BY THE CITY ENGINEER.

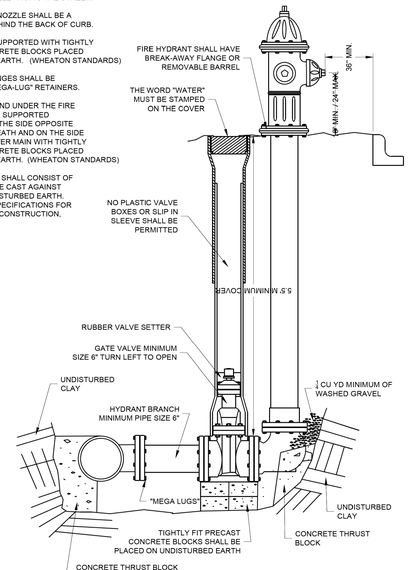




CITY OF WHEATON	
DESIGN DETAILS AND STANDARDS	
FIGURE # 5	
DATE: 12-07-20	FILE NAME: Curbline Inlet or Catch Basin.dwg

FIRE HYDRANT AND VALVE DETAIL

1. FIRE HYDRANT SHALL BE INSTALLED WITH THE STEAMER NOZZLE FACING THE STREET.
2. THE FACE OF THE NOZZLE SHALL BE A MINIMUM OF 36" BEHIND THE BACK OF CURB.
3. VALVE SHALL BE SUPPORTED WITH TIGHTLY FIT PRECAST CONCRETE BLOCKS PLACED ON UNDISTURBED EARTH. (WHEATON STANDARDS)
4. FITTINGS AND FLANGES SHALL BE RETAINED WITH "MEGA-LUG" RETAINERS.
5. THE 90 DEGREE BEND UNDER THE FIRE HYDRANT SHALL BE SUPPORTED UNDERNEATH AND THE SIDE OPPOSITE THE MAIN UNDERNEATH AND ON THE SIDE OPPOSITE THE WATER MAIN WITH TIGHTLY FIT PRECAST CONCRETE BLOCKS PLACED ON UNDISTURBED EARTH. (WHEATON STANDARDS)
6. THRUST BLOCKING SHALL CONSIST OF CLASS SI CONCRETE CAST AGAINST FITTINGS AND UNDISTURBED EARTH. (REF. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION).



CITY OF WHEATON	
DESIGN DETAILS AND STANDARDS	
FIGURE # 30	
DATE: 12-07-20	FILE NAME: Fire Hydrant and Valve.dwg

Water Distribution Specifications

City of Wheaton Distribution Specifications - As of April 15, 2019

All Materials shall be as specified below or approved equal, be produced in North America, and be the current year model. All brass shall be "No-lead", meeting the requirements of the Reduction of Lead in Drinking Water Act.

Water main

Unless approved in writing all water main shall be 8" minimum size Class 52 Zinc-coated Ductile Iron pipe.

If PVC water main is allowed, it must be approved in writing and shall be Certa-Lok PVC or equal. The design shall include two #10 Solid Insulated Copper tracer wires that terminate in a Copperhead Tracer Wire Access Box at each end. Shop drawings of the tracer wires must be submitted and approved for all PVC water main.

Polyethylene Wrap - Required on all Water Main Installations

All ductile iron water main and fittings shall be encased with linear low-density V-Bio Enhanced polyethylene wrap, 8 mils thick. Polyethylene wrap shall be secured with polyethylene tape at overlaps, ends, and every four feet along the pipe barrel.

Fire Hydrants

Mueller Super Centurian A-421, 4½ inch valve opening with 6-inch flange x mechanical A-2362 resilient wedge valve attached. All bolts shall be stainless steel on all valves and hydrants.

Gate Valves

1. Mueller A-2361 resilient wedge gate valve

   OR
2. American Series 2500 resilient wedge valve

Mechanical Joints

EBAA Iron Mega-lug mechanical joint restraint gland

Tapping Valves

1. Mueller A-2361 flange x mechanical joint resilient wedge valve

   OR
2. American Series 2500 flange x mechanical joint resilient wedge valve

Tapping Sleeves
All Pressure Connections 4" to 8" Shall Be Done By The City Of Wheaton

1. Smith-Blair 665 stainless steel tapping sleeve with stainless steel flange

   OR
2. Ford FTSS stainless tapping sleeve with stainless steel flange

Valve Boxes

1. Tyler Union 664S screw-type cast iron two-piece valve box

   Note: Plastic valve boxes or plastic extensions are **not** allowed
2. Valve Box Adaptor II
   a. Type A Gate Valves - 4"-6" Mueller, 4"-6"-8" AFC
   b. Type B Gate Valves - 8" Mueller, 10"-12" AFC
   c. Type D Gate Valves - 10" Mueller
   d. Type E Gate Valves - 12" Mueller, 16" AFC
3. Valve box extensions shall be Tyler Union #58, #60 or Tyler Union #69 riser.

End Caps

1. Class "A" pipe: Tyler Union Mechanical Joint Cap.
2. Class "B-C-D" pipe: Tyler Union MJ x PE Dual-Purpose Cutting-in Sleeve with Tyler Union Mechanical Joint Cap.

Service Fittings

1. Corporation Cock
   a. Mueller 300 Ball Corporation Valve B-25000N

      OR
   b. Ford Corporation Stops FB600-size-NL
2. Corporation Cock Quarter and Eighth Bends - ¾", 1", 1 ¼", 1 ½" and 2"
   a. Mueller brass with compression ends and swivel nut, Flare nut, non-swivel accepted on sizes where others aren't made, Mueller P-15075N, P-15076N

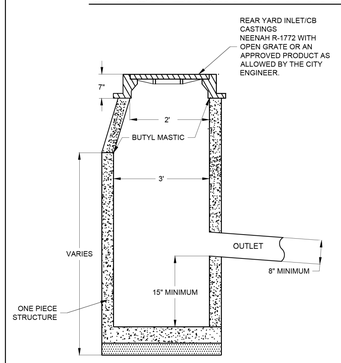
      OR
   b. Ford brass with compression ends and swivel nut, Flare nut, non-swivel accepted on sizes where others aren't made, Ford LA04-size-NL, L04-size-NL.
3. Curb Stop
   a. Mueller 300 Ball Curb Valve P-25155N

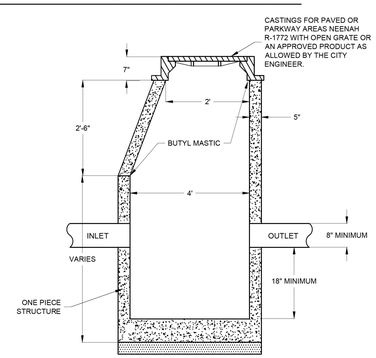
      OR
   b. Ford Ball Valve Curb Stop B44-sizeM-NL
4. Curb Box

   Mueller H-10300 curb box with Minneapolis Pattern Base.
5. Service Saddles

   Smith-Blair Model 317 Epoxy Coated Ductile Iron with double stainless-steel strap.

CATCH BASIN WITH FRAME AND GRATE FOR INLET





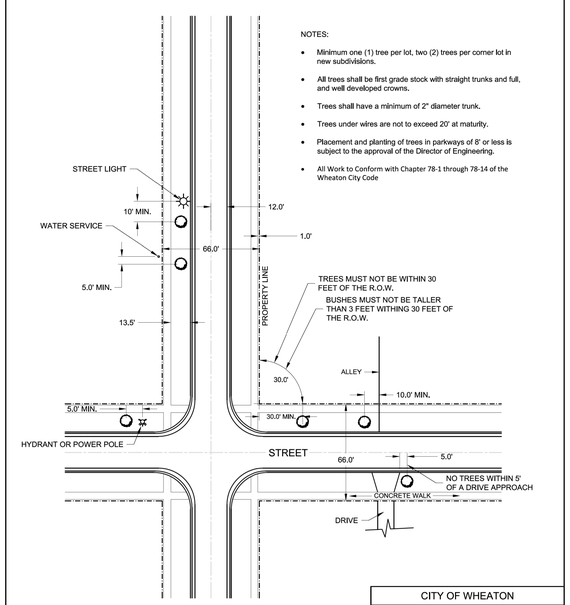
NOTES:

1. MAXIMUM ADJUSTMENT OF 8" USING 2 RISER RINGS. NO METAL RISER RINGS OR BRICK ALLOWED.
   A. CONCRETE ADJUSTING RINGS SHALL HAVE A MINIMUM THICKNESS OF 2"
   B. RUBBER ADJUSTING RINGS SHALL TOTAL NO MORE THAN 3"
2. ALL JOINTS BETWEEN BARREL SECTION, RISER, AND CASTINGS ARE TO BE SEALED WITH FLEXIBLE BUTYL GASKET MATERIAL TWO AND ONE QUARTER (2-1/4) INCHES WIDE AND THREE-EIGHTS (3/8) INCHES THICK OR APPROVED EQUAL.
3. FOUR (4) FOOT DIAMETER CATCH BASIN STRUCTURES WHICH EXCEED A DEPTH OF FOUR (4) FEET SHALL HAVE POLYPROPYLENE PLASTIC COATED "PRESS FIT" MANHOLE STEPS INSTALLED.
4. FLEXIBLE BUTYL MASTIC MATERIAL SHALL BE PLACED BETWEEN ALL BARREL SECTIONS, RISER RINGS, AND FRAMES.
5. ALL CATCH BASINS MUST BE 3' INSIDE DIAMETER UNLESS 2 OR MORE PIPES ENTER OR EXIT THE STRUCTURE. IF TWO OR MORE PIPES ENTER OR EXIT THE CATCH BASIN, THE MINIMUM STRUCTURE DIAMETER IS 4'. SUBSTITUTIONS MUST BE APPROVED BY THE CITY ENGINEER.

CITY OF WHEATON	
DESIGN DETAILS AND STANDARDS	
FIGURE # 25	
DATE: 12-07-20	FILE NAME: CATCH BASIN FOR INLET.dwg

PARKWAY TREE PLANTING STANDARDS

For more information reference "Wheaton City Code" Section 62-204; Chapter 78, 70-208
Wheaton Zoning Ordinance, Sec 6.5.3.



NOTES:

- Minimum one (1) tree per lot, two (2) trees per corner lot in new subdivisions.
- All trees shall be first grade stock with straight trunks and full, and well developed crowns.
- Trees shall have a minimum of 2" diameter trunk.
- Trees under wires are not to exceed 20' at maturity.
- Placement and planting of trees in parkways of 8' or less is subject to the approval of the Director of Engineering.
- All Work to Conform with Chapter 78-1 through 78-14 of the Wheaton City Code

CITY OF WHEATON	
DESIGN DETAILS AND STANDARDS	
FIGURE # 43	
DATE: 03-15-16	FILE NAME: Parkway Tree Standards.dwg

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0 50 100
GRAPHIC SCALE - FEET

GABLES BLVD RECONSTRUCTION CHILDS ST. TO COMMERCE DR.

Prepared For:
CITY OF WHEATON
303 W Wesley Street
Wheaton, IL 60187
630-260-2000

REV#	DATE	REVISION DESCRIPTION	BY

LICENSED PROFESSIONAL ENGINEER
STEPHEN M. RICHARDS
062-054556
STATE OF ILLINOIS

STEPHEN 'MARK' RICHARDS
LICENSE EXPIRES 11/30/2025

Section-Township-Range
DuPage: SW¼ 17-39N-10E

JOB # 44959	SURV: CLB
DRAWN: RLS	REVIEW: SMR
SCALE: 1"=50'	DATE: 02-06-2025

SHEET TITLE:

CIVIL DETAILS

SHEET NAME C-7.1

SHEET # 27 of 26