



PROPOSED GATEWAY PROJECT
(BY OTHERS)

WILLARD CT. (PRIVATE)

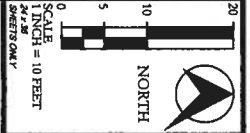
BANK
FEE: 809.35

EAST COLLEGE STREET (60' WIDE & VARIES)

PROPOSED GATEWAY PROJECT
(BY OTHERS)

REV. NO.	DATE	DESCRIPTION
13840A-C		

LEGEND	
	ROCK OUTLET PROTECTION
	CONSTRUCTION ENTRANCE
	CONCRETE WASHOUT PIT
	SILT FENCE
	STORM DRAIN INLET PROTECTION
	TEMPORARY SEEDING
	PERMANENT SEEDING
	SEDIMENT TRAP
	TEMPORARY DIVERSION
	LIMITS OF EARTH DISTURBANCE ACTIVITIES
	1' CONTOUR
	5' CONTOUR
	10' CONTOUR



OBERLIN LORAIN NATIONAL BANK RELOCATION
SEDIMENT CONTROL PLAN
CITY OF OBERLIN, COUNTY OF LORAIN, STATE OF OHIO

NEFF & ASSOCIATES

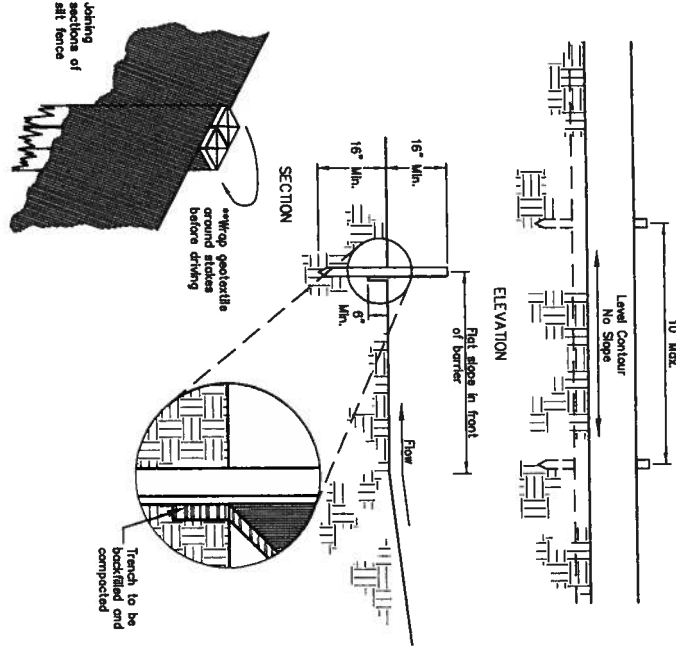
Civil Engineers • Landscape Architects • Planners • Surveyors
6405 York Road | Parma Heights, Ohio 44130
Tel: 440.284.5100 | Fax: 440.284.2104

SHEET NO.
C2.0

Silt Fence

Description
Silt fence is a sediment-trapping device utilizing a geotextile fence, topography and sometimes vegetation to cause sediment to settle. Silt fence reduces runoff's ability to transport sediment by ponding runoff and causing sediment to settle or concentrated flow into uniform sheet flow. Silt fence is used to prevent sediment-laden sheet runoff from entering into downstream creeks and sewer systems.

Specifications for Silt Fence



- All silt fences shall be constructed before upslope land disturbance begins.
- All silt fences shall be placed as close to the contour as possible so that water will not concentrate at low points in the fence and so that small rills or depressions that may carry concentrated flows to the silt fence are disrupted along its length.
- Ends of the silt fence should be brought upslope slightly so that water ponded by the silt fence will be prevented from flowing around the vertical area outside.
- Silt fence shall be constructed on a firm, level surface.
- If vegetation is removed, it shall be reestablished within 7 days from the installation of the silt fence.
- The height of the silt fence shall be a minimum of 16 inches above the original ground surface. The trench shall be made with a trencher, cable tamping machine, slurry trencher, or other suitable device that will ensure an adequate uniform trench depth.
- The silt fence shall be placed on the down-slope side of the geotextile. A minimum of 8 inches of geotextile shall be below the ground surface. Excess material shall lay on the bottom of the trench.
- The trench shall be backfilled and compacted on both sides of the fabric.
- Same between sections of silt fence shall be applied together only at a support post with a minimum 6-in. overlap prior to driving into ground. (See detail).
- Maintenance - Silt fences shall allow runoff to pass only as diffuse flow through the geotextile. If runoff overtops the silt fence, flows under the fabric or around the fence ends, or if any of the following conditions occur, the silt fence shall be repaired, replaced, or removed: 1) the layout of the silt fence shall be changed, 2) accumulated sediment shall be removed, or 3) other practices shall be initiated. Sediment deposits shall be routinely removed when the deposit reaches approximately one-half the height of the silt fence.
- Silt fences shall be inspected after each rainfall and at least daily during prolonged rainfall. The location of the existing silt fence shall be reported daily to ensure its proper location and effectiveness. If damaged, the silt fence shall be replaced immediately.

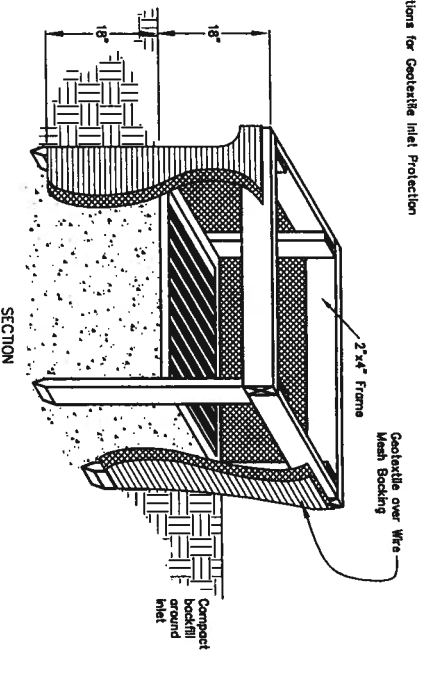
Criteria for Silt Fence Materials

Fabric Properties	Values	Test Method
Minimum Tensile Strength	120 lbs (53 N)	ASTM D4632
Minimum Elongation at 60 lbs	50%	ASTM D4632
Minimum Puncture Strength	50 lbs (220 N)	ASTM D4633
Minimum Tear Strength	40 lbs (180 N)	ASTM D4633
Minimum Tensile Strength	40 lbs (180 N)	ASTM D4633
Aperture Opening Size	≤ 0.84 mm	ASTM D4751
Minimum Permeability	1X10 ⁻² sec ⁻¹	ASTM D4491
UV Exposure Strength Retention	70%	ASTM D4535

Storm Drain Inlet Protection

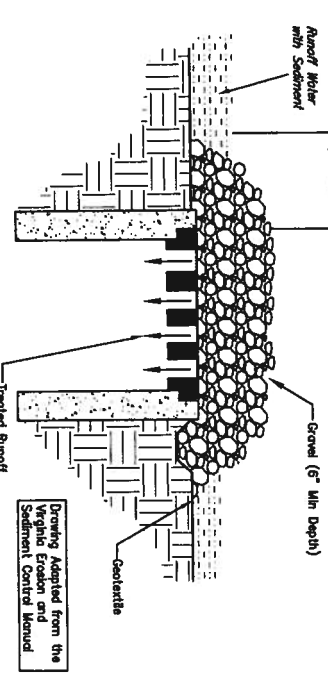
Description
Storm drain inlet protection devices remove sediment from storm water before it enters storm sewers and downstream areas. Inlet protection devices are sediment barriers that may be constructed of washed gravel or crushed stone, geotextile fabrics and other materials that are supported around or across storm drain inlets. Inlet protection is installed to capture some sediment and reduce the maintenance of storm sewers and other underground piping systems prior to the site being established. Inlet protection is not to be considered a secondary sediment control to be used in conjunction with other more effective controls.

Specifications for Geotextile Inlet Protection



- Inlet protection shall be constructed either before upslope land disturbance begins or before the inlet becomes functional.
- The earth around the inlet shall be excavated completely to a depth of at least 18 inches.
- The wooden frame shall be constructed of 2-inch by 4-inch construction-grade lumber. The 2 inch by 4-inch posts shall be driven one (1) ft into the ground at four corners of the inlet and the posts of 2-inch by 4-inch frame assembled using the overlap facility horizontal to traffic.
- Geotextile shall be of sufficient strength to support traffic with water fully impounded against it. It shall be stretched tightly around the frame and fastened securely to the frame.
- Geotextile material shall have an equivalent opening size of 20-40 sieve and be resistant to sunlight. It shall be stretched tightly around the frame and fastened securely. It shall extend from the top of the frame to 18 inches below the inlet notch elevation. The geotextile shall overlap across one side of the inlet so the ends of the cloth are not fastened to the inlet in conjunction with the inlet in conjunction with the inlet is even with notch elevation.
- Locations on side and top elevation on sides.
- A compacted earth dike or a check dam shall be at least 6 inches higher than the top of the frame.

Specifications for Geotextile-Stone Inlet Protection

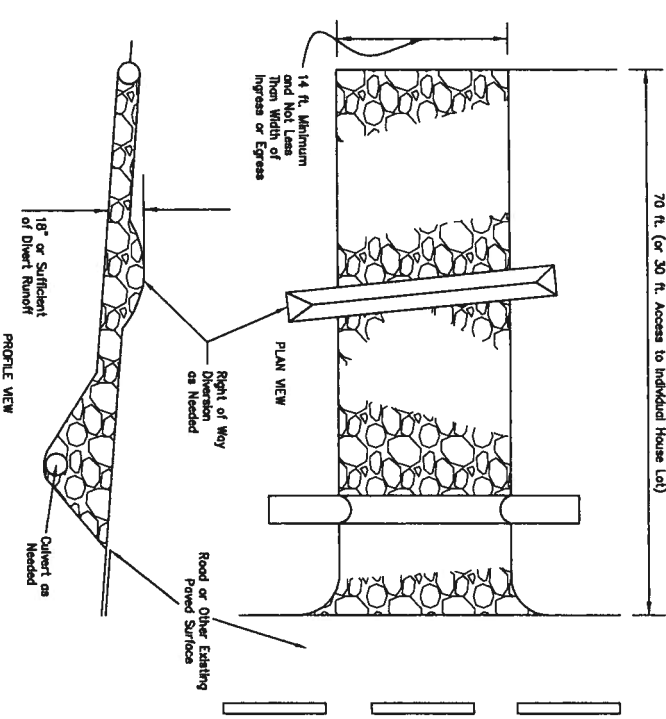


- Inlet protection shall be constructed either before upslope land disturbance begins or before the inlet becomes functional.
- Geotextile and/or wire mesh shall be placed over the top of the storm sewer and approximately at (6) inches of 2-inch or smaller clean aggregate placed on top. Extra support for geotextile is provided by placing hardware cloth or wire mesh across the inlet cover. The wire should be no larger than 3/8" mesh and should extend an extra 12 inches across the top and sides of the inlet cover.
- Maintenance must be performed regularly, especially after storm events. When clogging of the stone or geotextile occurs, the material must be removed and replaced.

Construction Entrance

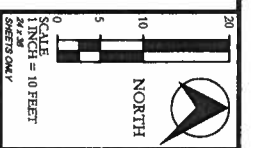
Description
A construction entrance is a stabilized pod of stone underlain with a geotextile and is used to reduce the amount of mud tracked off-site with construction traffic. Located at points of ingress/egress, the practice is used to reduce the amount of mud tracked off-site with construction traffic.

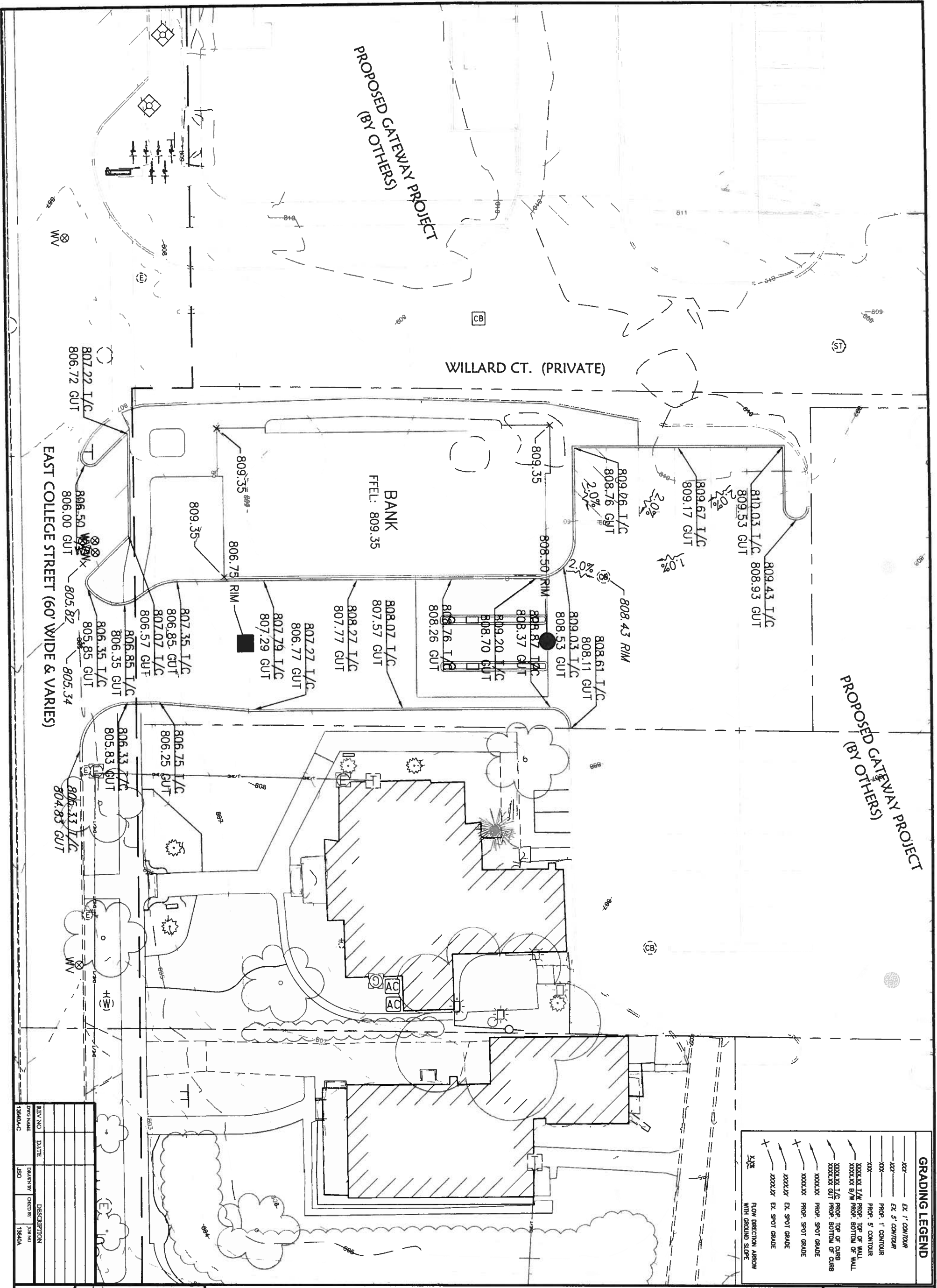
Specifications for Construction Entrance



- Stone Size - 0007 # 2 (1.5-2.5 inch) stone shall be used, or recycled concrete equivalent.
 - Length - The construction entrance shall be as long as required to reduce high traffic areas but not less than 70 ft. (example: length 20 ft). The stone layer shall be at least 6 inches thick for right-of-way entrances or at least 10 inches for heavy duty use.
 - Width - The entrance shall be at least 14 feet wide, but not less than the full width of points where ingress or egress occurs.
 - Geotextile - A geotextile shall be laid over the entire area prior to placing stone. It shall be composed of strong non-polymer fabric that meet the following specifications:
- | Geotextile Specifications for Construction Entrances | Values | Test Method |
|--|--------------------------------------|-------------|
| Minimum Tensile Strength | 200 lbs. | ASTM D4632 |
| Minimum Puncture Strength | 60 lbs. | ASTM D4633 |
| Minimum Tear Strength | 50 lbs. | ASTM D4633 |
| Minimum Burst Strength | 320 lbs. | ASTM D4633 |
| Minimum Elongation | 20% | ASTM D4632 |
| Equivalent Opening Size | 20% | ASTM D4751 |
| Permeability | 1X10 ⁻³ sec ⁻¹ | ASTM D4491 |
- Things - The construction entrance shall be installed as soon as practicable before major grading activities.
 - Outlet - A pipe or culvert shall be constructed under the entrance if needed to prevent surface runoff from entering or to prevent runoff from being collected as part of the construction entrance.
 - Length - The length of the construction entrance shall be determined by the length of the construction entrance and set into paved surface.
 - Maintenance - Top dressing of additional stone shall be applied as conditions demand, but applied, dropped, washed or tracked into the entrance. The entrance shall be inspected after each rainfall and at least daily during prolonged rainfall. Sediment deposits shall be routinely removed when the deposit reaches approximately one-half the height of the silt fence.
 - Construction entrance shall not be relied upon to remove mud from vehicles and prevent off-site tracking. Vehicles that enter and leave the construction site shall be restricted from muddy areas.
 - Outlet - The entrance shall remain in place until the disturbed area is stabilized or replaced with a permanent roadway or driveway.

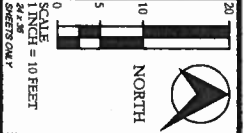
REV. NO.	DATE	DESCRIPTION
139940A-C		





GRADING LEGEND

- EX. 1' CONTIGUR
- EX. 5' CONTIGUR
- PROP. 1' CONTIGUR
- PROP. 5' CONTIGUR
- PROP. 5' WALL
- PROP. B/W PROP. TOP OF WALL
- PROP. B/W PROP. BOTTOM OF WALL
- PROP. TOP OF CURB
- PROP. BOTTOM OF CURB
- PROP. SPOT GRADE
- PROP. SPOT GRADE
- PROP. SPOT GRADE
- EX. SPOT GRADE
- EX. SPOT GRADE
- EX. SPOT GRADE
- FLOW DIRECTION ARROW WITH GROUND SLOPE



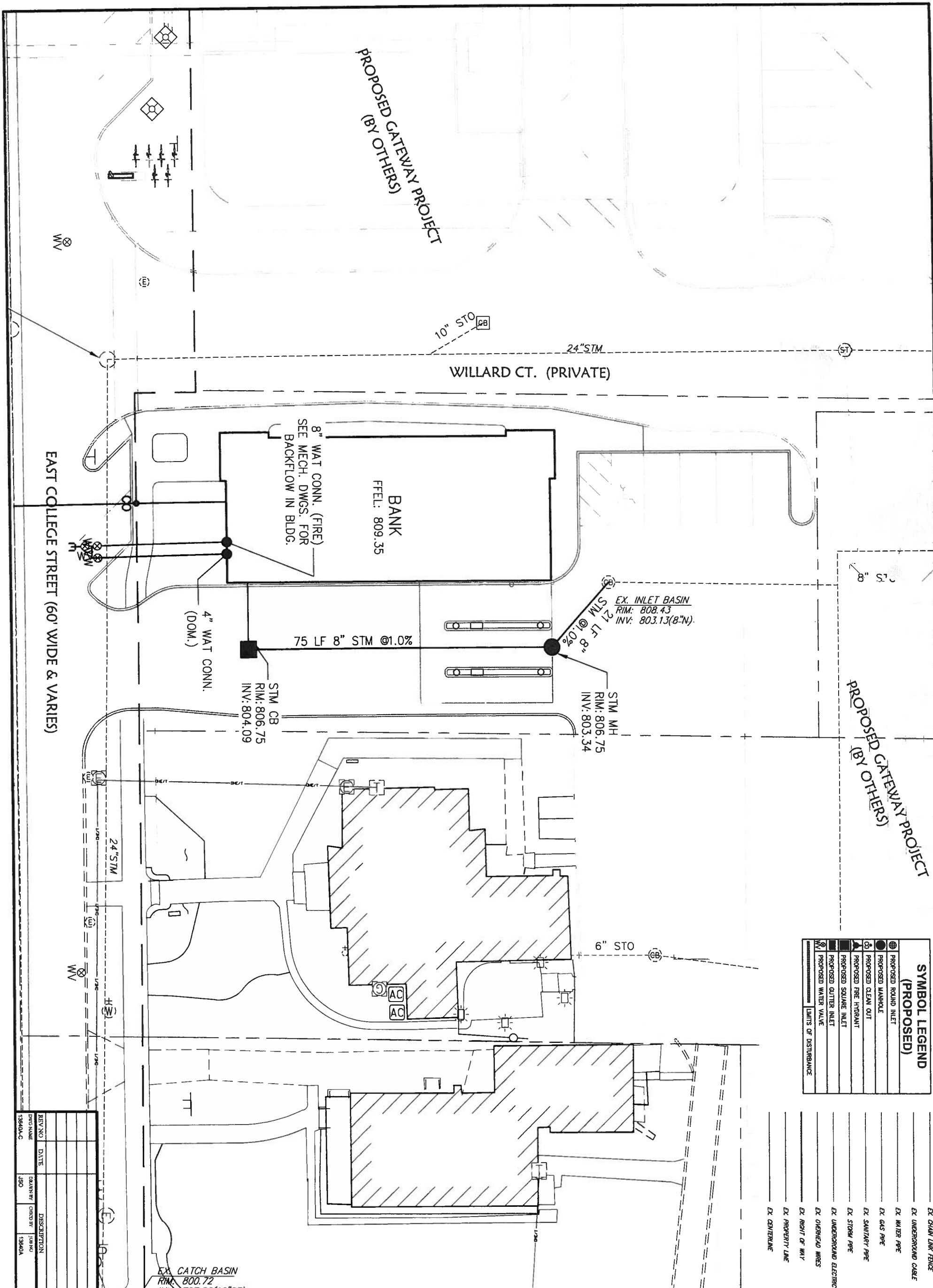
OBERLIN LORAIN NATIONAL BANK RELOCATION
SITE GRADING PLAN
 CITY OF OBERLIN, COUNTY OF LORAIN, STATE OF OHIO

NEFF & ASSOCIATES
 Civil Engineers • Landscapers • Architects • Planners • Surveyors
 6405 York Road | Parma Heights, Ohio 44130
 Tel: 440.896.5100 | Fax: 440.896.5104
 www.neff-associates.com

REV. NO.	DATE	DESCRIPTION

DWG. NAME: 139404-C
 DRAWN BY: ISO
 CHECKED BY: JOR NO. 139404

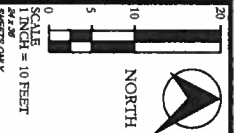
SHEET NO. **C3.0**



SYMBOL LEGEND (PROPOSED)

	PROPOSED ROUND INLET
	PROPOSED MANHOLE
	PROPOSED CLEAN OUT
	PROPOSED FIRE HYDRANT
	PROPOSED SQUARE INLET
	PROPOSED GUTTER INLET
	PROPOSED WATER VALVE
	LIMITS OF DISTURBANCE

- EX. CHAIN LINK FENCE
- EX. UNDERGROUND CABLE
- EX. WATER PIPE
- EX. GAS PIPE
- EX. SANITARY PIPE
- EX. STORM PIPE
- EX. UNDERGROUND ELECTRIC
- EX. OVERHEAD WIRING
- EX. RIGHT OF WAY
- EX. PROPERTY LINE
- EX. CENTERLINE

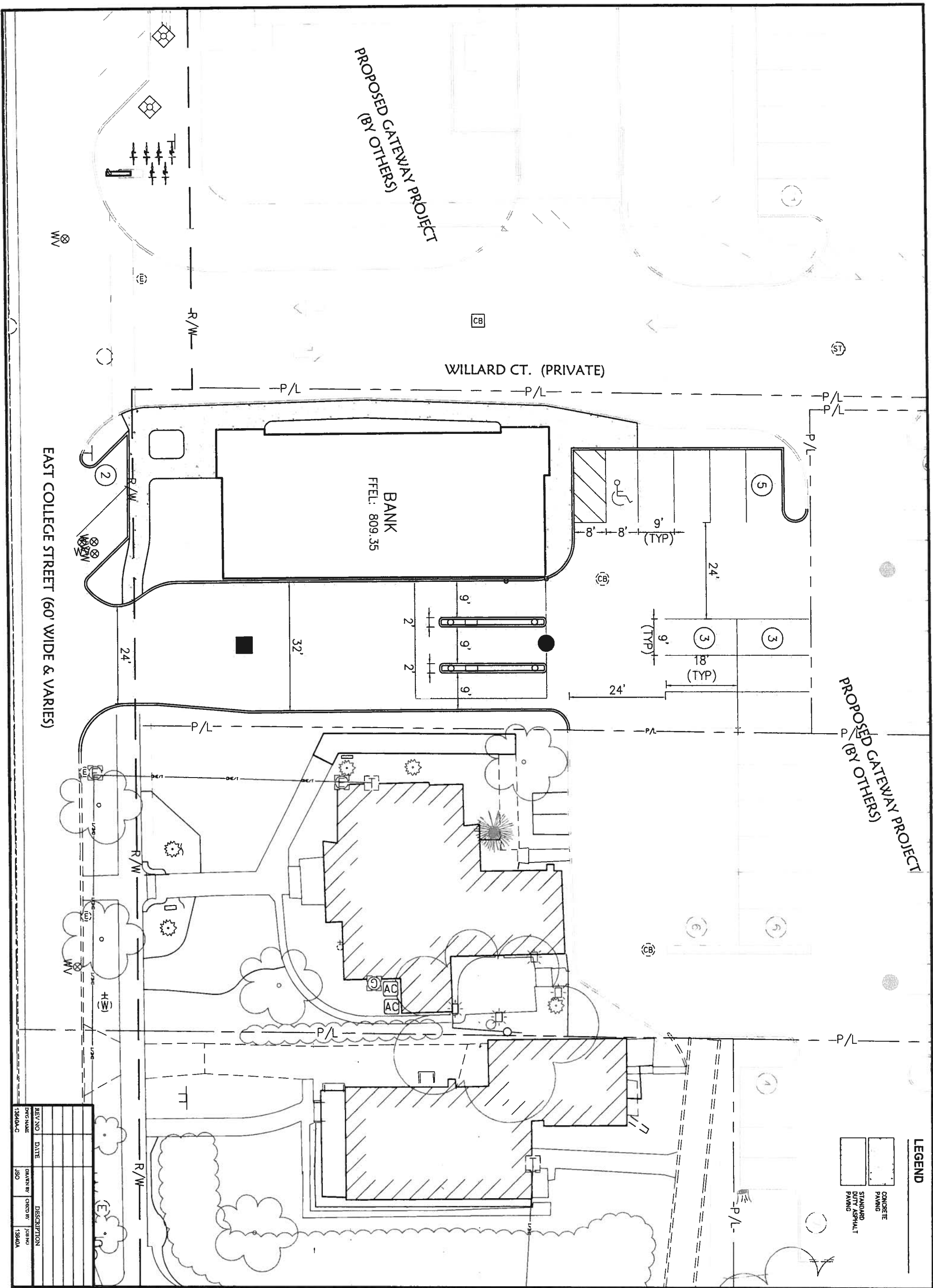


OBERLIN LORAIN NATIONAL BANK RELOCATION
SITE UTILITY PLAN
 CITY OF OBERLIN, COUNTY OF LORAIN, STATE OF OHIO



REV. NO.	DATE	DESCRIPTION	BY	CHKD BY	ISSUED
13840A-C					

SHEET NO. **C4.0**
 13840A-C



EAST COLLEGE STREET (60' WIDE & VARIES)

PROPOSED GATEWAY PROJECT
(BY OTHERS)

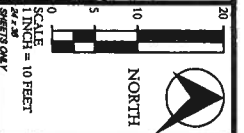
WILLARD CT. (PRIVATE)

BANK
FFEL: 809.35

PROPOSED GATEWAY PROJECT
(BY OTHERS)

LEGEND

[Hatched Box]	CONCRETE PAVING
[Solid Box]	STANDARD ASPHALT PAVING

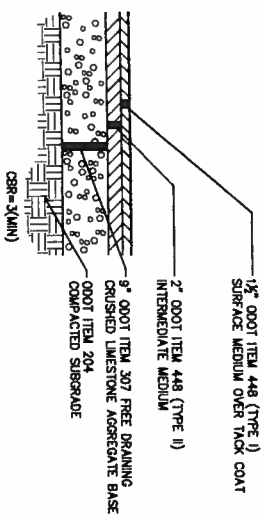


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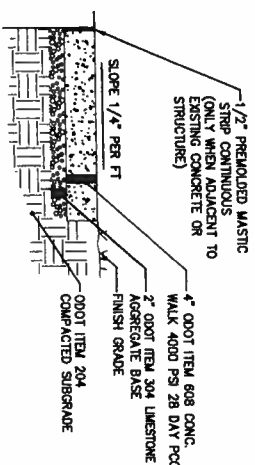
NEFF & ASSOCIATES
 Civil Engineers • Landscape Architects • Planners • Surveyors
 6405 York Road | Parma Heights, Ohio 44130
 Tel: 440.884.3100 | Fax: 440.884.3104

SHEET NO. **C5.0**

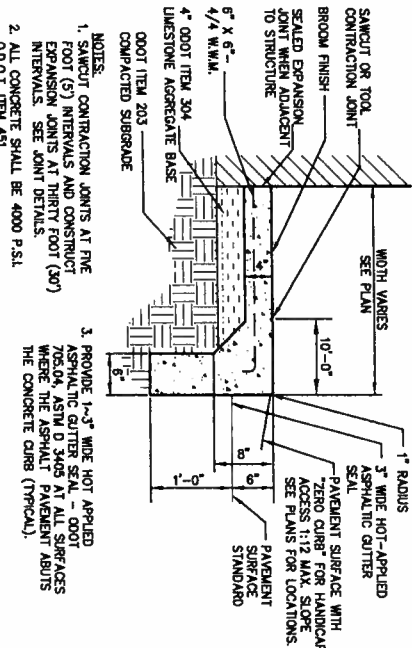
OBERLIN LORAIN NATIONAL BANK RELOCATION
SITE LAYOUT PLAN
 CITY OF OBERLIN, COUNTY OF LORAIN, STATE OF OHIO



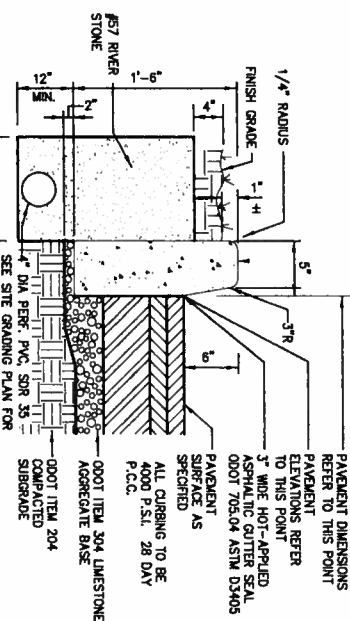
2 STANDARD DUTY ASPHALT PAVEMENT
NOT TO SCALE



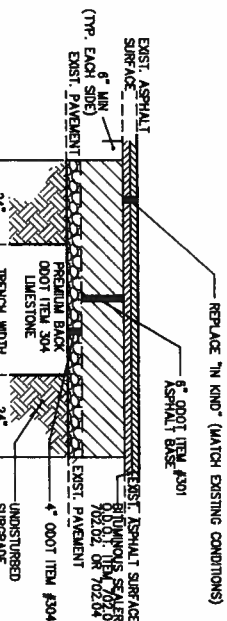
3 CONCRETE SIDEWALK
NOT TO SCALE



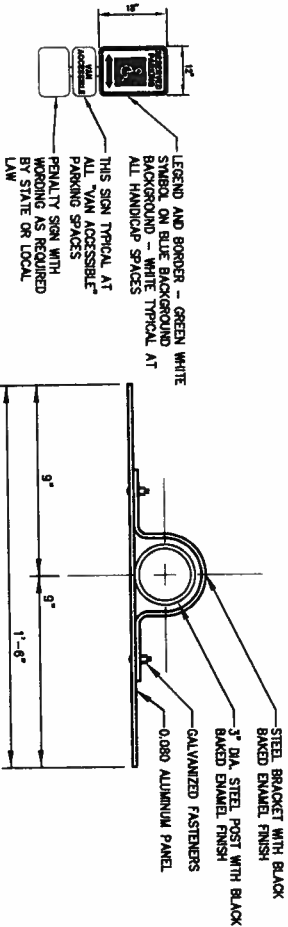
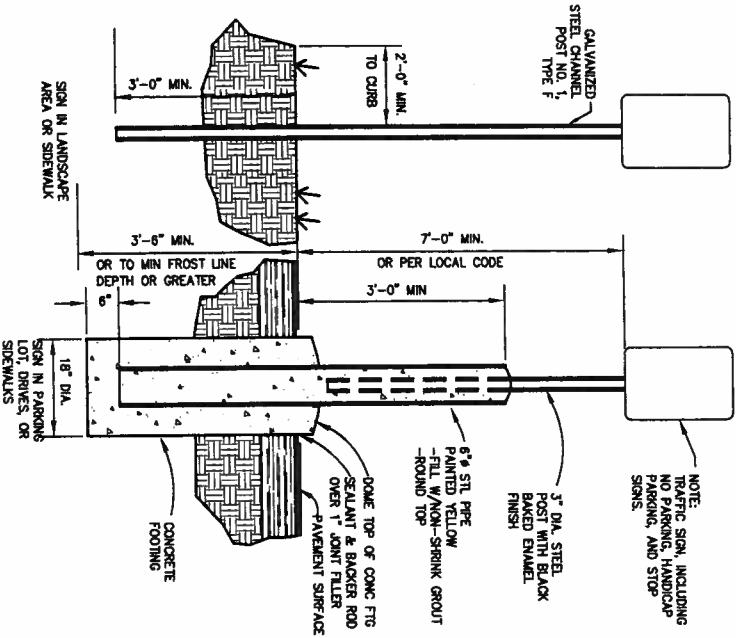
4 CONCRETE INTEGRAL CURB AND WALK
NOT TO SCALE



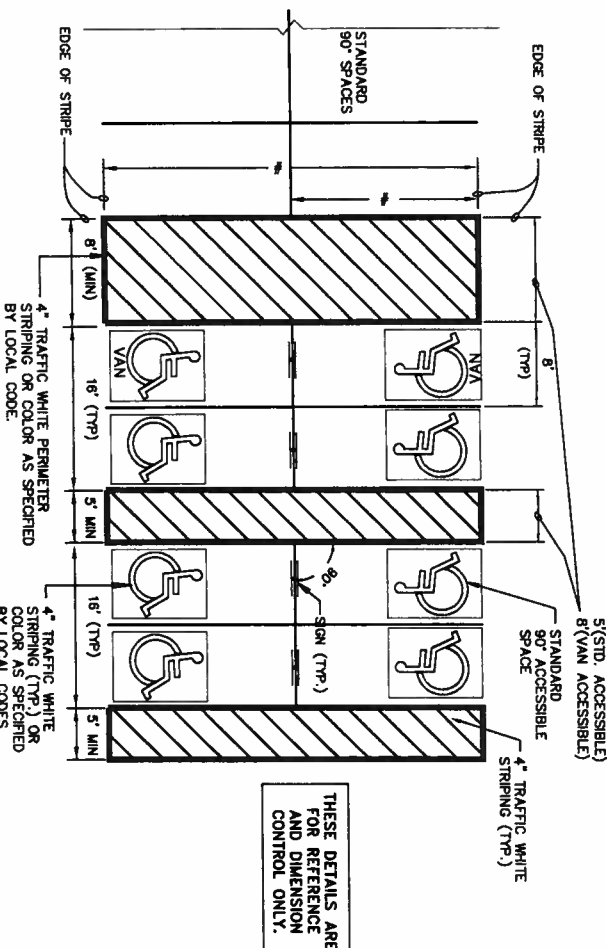
5 6" VERTICAL CONCRETE CURB
NOT TO SCALE



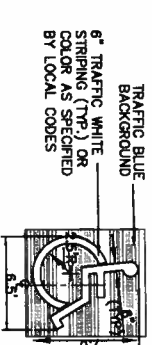
6 REPAVING OVER UTILITY TRENCH-(ASPHALT)
NOT TO SCALE



11 GENERAL PARKING SIGNAGE
(FREESTANDING)
NOT TO SCALE



10 ADA ACCESSIBLE PARKING DETAIL
NOT TO SCALE



ACCESSIBLE PARKING SYMBOL
LOCATE AT EDGE OF PARKING SPACE UNLESS ACCOMPANIED BY "VAN" LETTERING WHERE SPECIFIED

NOTE: PREMIUM BACKFILL TO SUBGRADE UNDER ALL PROPOSED AND EXISTING PAVED AREAS INCLUDING SIDEWALK, OR WHEN TRENCH IS WITHIN 45' ZONE OF INFLUENCE OF PROPOSED PAVED AREAS OR BUILDING FOUNDATIONS, NATIVE BACKFILL SHALL ONLY BE USED WHEN APPROVED IN WRITING BY THE OWNER, OWNER'S GEOTECHNICAL ENGINEER AND THE CITY ENGINEER.

NOTE: LATERAL CONNECTIONS TO HAVE A MINIMUM BEDDING DEPTH OF 3' COARSE AGGREGATE.

BEDDING: ASTM D2321, BEDDING SHALL CONSIST OF COARSE INTERLOCKING AGGREGATE No. 6, 67, 88, 7, 78, OR 8 FOR 60" OR SMALLER DIA. PIPE. FOR 86" DIA. PIPE OR LARGER NO. 4 AGGREGATE MAY ALSO BE USED.

PREMIUM BACKFILL SHALL CONSIST OF ODOT ITEM 304 LESTONK.

PIPE COVER: PREMIUM BACKFILL SHALL CONSIST OF COARSE INTERLOCKING AGGREGATE No. 6, 67, 88, 7, 78, OR 8.

7 TYPICAL TRENCH DETAILS
NOT TO SCALE

REV. NO.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	ISSUED BY
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NOTES: TEXTURE: SURFACE OF CONCRETE SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE RAMP SLOPES AND SHALL BE ROUGHER THAN ADJACENT WALK.

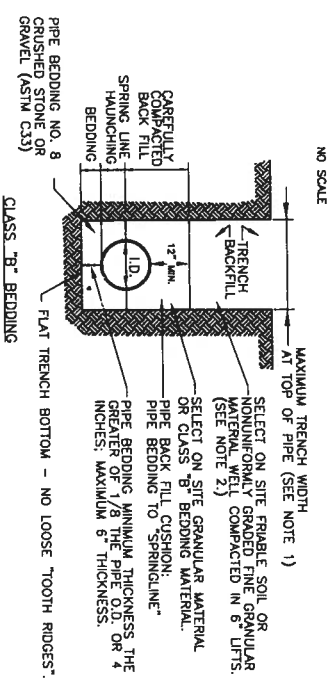
TRUNCATED DOWNS: TRUNCATED DOWNS (TRUNCATED DOWNS) FOR A DISTANCE OF 24" FROM THE BACK OF THE CURB INSTALL DETECTABLE WARNINGS (TRUNCATED DOWNS) AS SHOWN ON DETAILS BELOW.

- 1) WINDOZE-ORIGIN PREPROPOSED COMPANY, 1400 S. WASHINGTON AVE, ALLIANCE, OH 44601 (800) 466-8888
- 2) WINDOZE-ORIGIN PREPROPOSED COMPANY, 1400 S. WASHINGTON AVE, ALLIANCE, OH 44601 (800) 466-8888
- 3) ENDICOTT CLAY PRODUCTS, PO BOX 17, FAIRBURY, NE 68352, (402) 729-5864

PAVERS SHALL BE PLACED ON TOP OF A 4" UNREINFORCED CONCRETE BASE. SETTING BED AND JOINTS TO BE MORTARED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTION, OR WITH A MAXIMUM 1/2" THICK BED OF LATEX MODIFIED CEMENT MORTAR. MORTAR JOINTS TO A WIDTH NOT GREATER THAN 5/32" AND NOT LESS THAN 1/16". PAVERS SHALL NOT BE DIRECTLY TOUCHING EACH OTHER UNLESS THEY HAVE SPACING BARS.

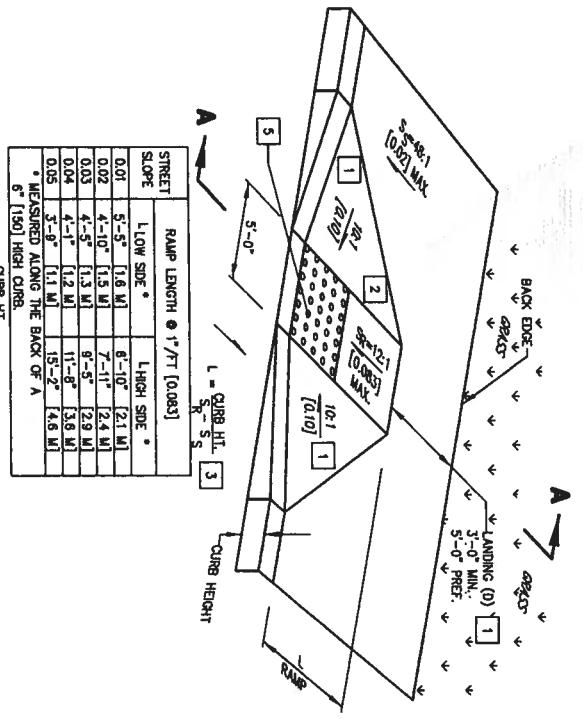
EXPANSION JOINTS: IN THE CURB RAMP AS EXTENSIONS OF WALK JOINTS AND CONSISTENT WITH ITEM 608.03 REQUIREMENTS FOR A NEW CONCRETE WALK. A 1/2" DEEP CONCRETE EXPANSION JOINT FILLER SHALL BE PROVIDED AROUND THE EDGE OF RAMP'S BUILD IN AND CONCRETE WALK LINES SHOWN ON THIS DRAWING INDICATE THE RAMP EDGE AND SLOPE CHANGES AND ARE NOT NECESSARILY JOINT LINES.

TRENCH & BEDDING DETAILS



- TRENCH AND BEDDING NOTES**
1. MAXIMUM TRENCH WIDTH AT TOP OF PIPE SHALL BE O.D. PLUS 24" FOR ALL PIPE SIZES UP TO AND INCLUDING 24" I.D. AND O.D. PLUS 30" FOR PIPE SIZES LARGER THAN 24" I.D. (I.D./O.D. APPLIES TO PIPE BORED TRENCHES).
 2. PIPE AND TRENCH BACK FILL UNDER PAVEMENT AND STRUCTURES SHALL BE ODOT 304 LIMESTONE CAPPED TO TOP OF TRENCH. THE BACKFILL MATERIAL SHALL EXTEND ALONG THE ENTIRE LENGTH OF TRENCH BEYOND EACH EDGE OF PAVEMENT THE TRENCH CROSS SECTIONS SHALL BE USED IN UFTS NOT TO EXCEED 6" FOR PIPE BACK FILL ABOVE BEDDING SHALL BE CLASS 'B' UNLESS OTHERWISE NOTED ON THE PLANS OR AUTHORIZED BY THE ENGINEER.
 3. ALL BEDDING SHALL NOT BE USED.
 4. CLASS 'B' BEDDING AS ILLUSTRATED IS COMPARABLE TO AWWA C150/C900, TYPE 5 MODIFIED TO INCLUDE 12" BACK FILL CUSHION OVER TOP OF PIPE. THERE SHALL BE NO SHAVED TRENCH.
 5. CLASS 'B' BEDDING AS ILLUSTRATED IS COMPARABLE TO ASCE CLASS 'B'. THERE SHALL BE NO SHAVED TRENCH BOTTOM.
 6. ALL BEDDING AND PIPE BACK FILL CUSHION TO MEET REQUIREMENTS OF PRECAST MANHOLE PROCTOR ASHTO T-99.
 7. CLAY DAMS SHALL BE REQUIRED WHEN AND WHERE EXCAVATION AFTER BACKFILLING TRENCH, OVERBURD 1' FROM TRENCH FOR PREVENT AT TRENCH JOINTS. THE EXCAVATION SHALL BE CONSTRUCTED ON UNDISTURBED SOIL. FOR TRENCH RESTORATION AN ADDITIONAL CUT THROUGH THE DEPTH OF THE ASPHALT IS REQUIRED PER THE DETAIL.
 11. SEE SURFACE RESTORATION PAGE 2 OF 2 REGARDING LOW DENSITY MORTAR BACKFILL.

22 SANITARY TRENCH & BEDDING
(CITY OF OBERLIN DETAIL)



14 CURB RAMP
(PRESTANDARD)

- 1. HIGH = 0.063 - STREET SLOPE [2]
- 2. LOW = 0.063 + STREET SLOPE [2]

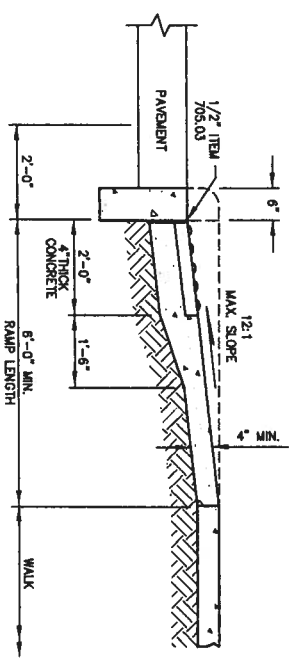
NOTE: ALL SANITARY SEWER STRUCTURES (INCLUDING MANHOLES)

1. FLEXIBLE BOOT PIPE TO M.H. SHALL BE CAST-IN-PLACE CONCRETE WITH MINIMUM SPACE AROUND PIPE.
2. PIPE TO M.H. CONNECTIONS WITHOUT FLEXIBLE BOOT - GROUT MANHOLE SPACE AROUND PIPE - INSIDE AND OUTSIDE OF M.H. WALL.
3. FLEXIBLE BOOT MAY BE CAST-IN-PLACE BY EXPANSION AGAINST O.D. OF PIPE OPEN IN M.H. WALL.
4. DO NOT USE CONCRETE BRICK TO ADJUST CASTING TO GRADE.
5. ALL CASTINGS ARE TO BE ADJUSTED TO GRADE USING EITHER MASONRY OR GRADE ADJUSTING RINGS.
6. MASONRY GRADE ADJUSTMENT SHALL BE IN THE RANGE 3" MIN. TO 2" MAX. AND SHALL BE CEMENT MORTAR & GROUT (MIN. 1/2" INCH INSIDE & OUT).
7. ONE COURSE OF HARD CLAY OR SHALE BRICK MAY BE USED IN LIEU OF PRECAST CONCRETE RING FOR 3" GRADE ADJUSTMENT.
8. ALL PRECAST SECTIONS SHALL BE MANUFACTURED AND FINISHED AS SOLID SECTIONS WITHOUT LIFT HOLES OF ANY KIND.
9. ALL STEPS ARE TO BE LINED UP IN SIDE AWAY FROM STREET CENTERLINE AND ARE NOT TO BE IN-LINE WITH PIPE IN OR OUT OF STRUCTURE.
10. CASTINGS AND GRADE RINGS TO BE SET WITH RESILIENT SEAL STRIP.
11. RESILIENT SEAL STRIP SHALL BE ECCO-SEAL, SUNKO-FLEX OR EQUIVALENT PRODUCT.

Length of Service Line @ 1.00%	Minimum Basement Floor Level Above Invert of Sanitary Sewer Main Size of Main Sewer					
	8	10	12	15	18	24
25	3.75	4.00	4.25	4.63	5.00	5.75
50	4.00	4.25	4.50	5.88	6.25	6.00
75	4.25	4.50	4.75	5.13	5.88	6.25
100	4.50	4.75	5.00	5.38	6.13	6.50
125	4.75	5.00	5.25	5.63	6.38	6.75
150	5.00	5.25	5.50	5.88	6.63	7.00
175	5.25	5.50	5.75	6.13	6.88	7.25
200	5.50	5.75	6.00	6.38	7.13	7.50
225	5.75	6.00	6.25	6.63	7.38	7.75
250	6.00	6.25	6.50	6.88	7.63	8.00

Table is set up of 0.25% increments. Select the distance greater than the actual one, resulting in 0.00 to 0.25 of a foot greater depth. Table is based on 6" Service Connection with "min" or "max" indicated up to 45 degrees, with Invert @ 1.00% and with the Invert of the "Service end" being below the basement floor.

23 SANITARY STANDARD NOTES
(CITY OF OBERLIN DETAIL)

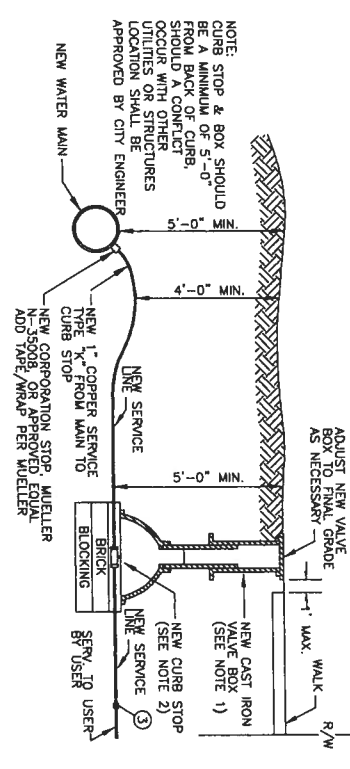


- LEGEND:**
- [1] WHERE LANDING WIDTH (D) HAS BEEN REDUCED TO 3'-0" THE FLARED SIDES SHALL HAVE A MAXIMUM SLOPE OF 12:1 [0.083].
 - [2] THE SLOPE OF THE RAMP TOWARD THE CURB IS PREFERRED TO BE 12:1 [0.083] OR FLATTER RELATED TO THE HORIZONTAL, BUT THE MAXIMUM SLOPE SHALL BE 12:1 [0.083] RELATIVE TO THE EXISTING OR PROPOSED WALK SLOPE.
 - [3] IN EXISTING SIDEWALKS, WHERE THE MAXIMUM RAMP SLOPE(S) IS NOT FEASIBLE, IT MAY BE REDUCED AS FOLLOWS:
 - A) 10:1 [0.10] FOR A MAX. RISE OF 6"
 - B) 8:1 [0.125] FOR A MAX. RISE OF 3"
 - [4] THE MINIMUM LENGTH OF A PERPENDICULAR RAMP IS 6' FROM THE BACK OF A 6" CURB AND MAY BE INCREASED WHERE FEASIBLE TO OBTAIN A FLATTER RAMP SLOPE, OR TO BETTER BLEND WITH THE WALK CONTRIBUTION.
 - [5] DIMENSIONS DERIVED BY EQUATION ARE NOMINAL. CONSTRUCT RAMP TO MEET REQUIRED SLOPES AND EXISTING CONDITIONS.
 - [6] DETECTABLE WARNINGS (TRUNCATED DOWNS) ARE TO BE INSTALLED IN THE LOCATION SHOWN. DIMENSIONS OF THE DOWNS ARE 24" FROM THE BACK OF THE CURB BY THE WIDTH OF THE RAMP.

REV. NO.	DATE	DESCRIPTION
13860A-C		

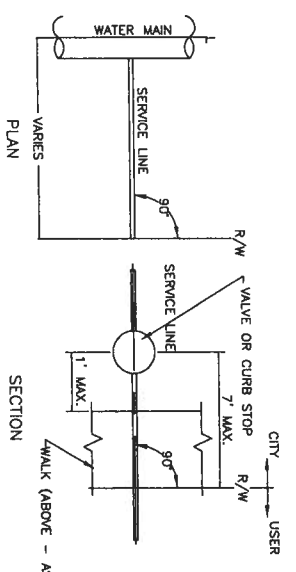
SERVICE CONNECTION
(APPLIES TO NEW / RENOVATION / RECONNECTION)

- NOTES:
 1. NEW VALVE BOX IS REQUIRED. IT SHALL BE A BUTFALO TYPE "C" EXTENSION THREE PIECE VALVE BOX.
 2. IF NEW CURB STOP IS REQUIRED IT SHALL BE A MULLER N-5200 OR APPROVED EQUAL.
 3. RECONNECT FITTING 1" x USER LINE SIZE/TYPE AS NEEDED. RECONNECT DETERMINED/CONFIRMED BY USER.
 4. SERVICE CONNECTIONS LARGER THAN 1" THROUGH 2" SIMILAR CONFIGURATION.



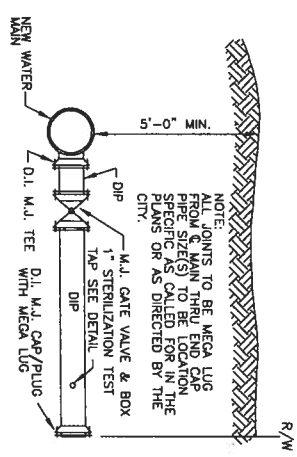
15 WATER SERVICE CONNECTION
(CITY OF OBERLIN DETAIL)
NOT TO SCALE

ORIENTATION OF SERVICE LINES



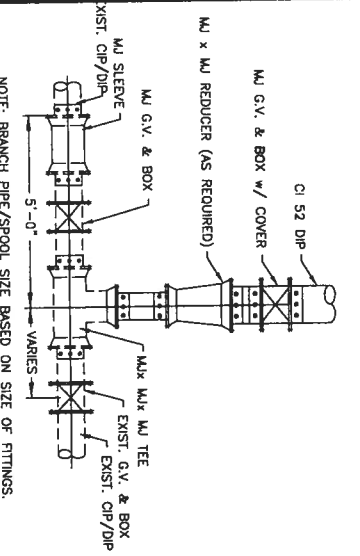
16 OPERATION OF WATER SERVICE LINES
(CITY OF OBERLIN DETAIL)
NOT TO SCALE

INDUSTRIAL/COMMERCIAL SERVICE TAP



17 INDUSTRIAL/COMMERCIAL WATER SERVICE TAP
(CITY OF OBERLIN DETAIL)
NOT TO SCALE

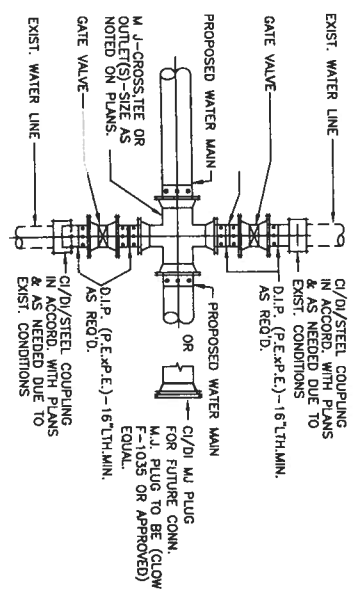
WATERLINE TIE-INS TYPICAL PROCEDURES



METHOD "A-1" - W/TEE

TIE-IN WITH NEW AND EXISTING CONSTRUCTION AT SAME ELEVATION

METHOD "A"

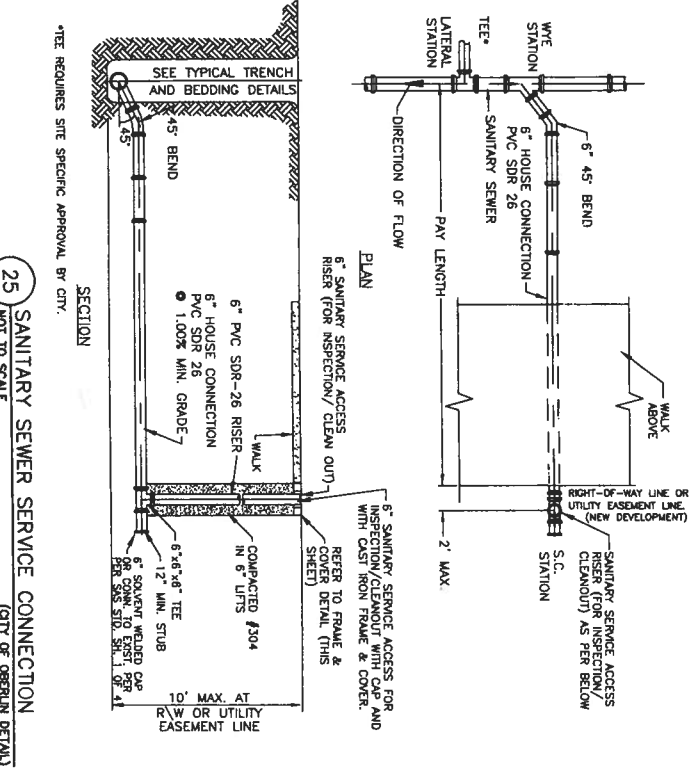
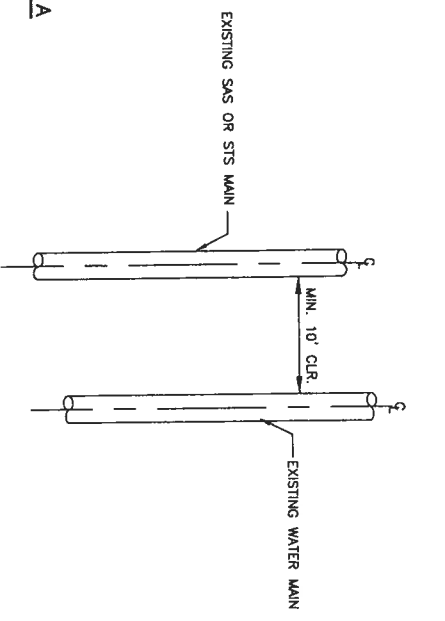


METHOD "A-2" - W/CROSS

19 WATER CONNECTION PROCEDURES - METHOD A
(CITY OF OBERLIN DETAIL)
NOT TO SCALE

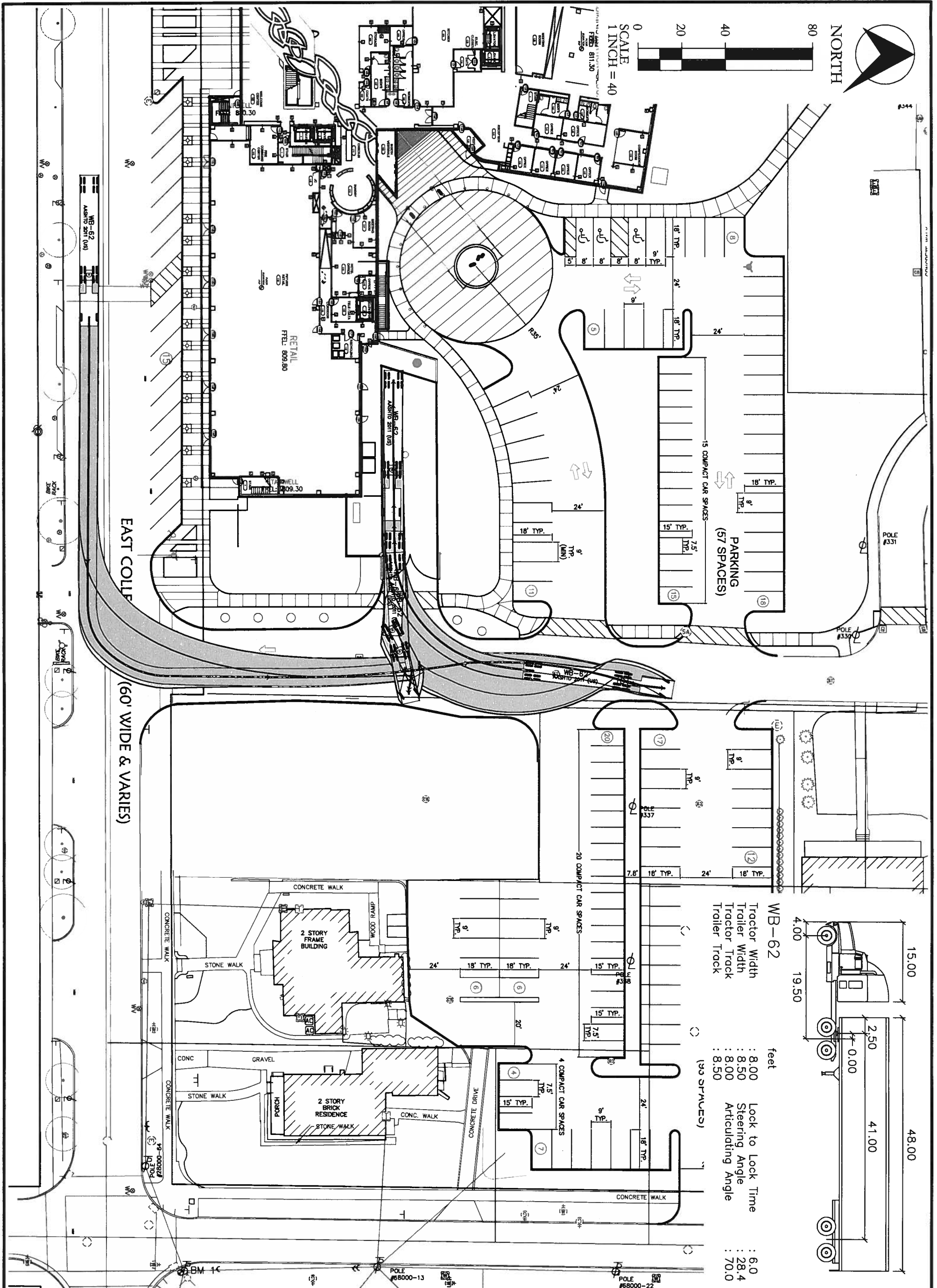
1. THE TIE-IN METHODS SHOWN HERE-ON ARE INTENDED TO SHOW THE GENERAL SCHEMATICS OF PROBABLE ALTERNATIVES FOR CONNECTION OF NEW CONSTRUCTION TO EXISTING WATER MAINS. THE ILLUSTRATIONS ARE NOT TO BE CONSIDERED AS A SUBSTITUTE FOR THE ILLUSTRATIONS DUE TO ACTUAL PLAN CALLS &/OR DUE TO EXISTING CONSTRUCTION OR OBSTRUCTIONS ENCOUNTERED DURING CONSTRUCTION.
2. ALL NOTES WITH EACH TIE-IN PIPING ILLUSTRATIONS SHALL BE CONSIDERED APPLICABLE TO ALL OTHER ILLUSTRATIONS AS MAY BE NECESSARY IN RESPONSE TO SITE CONDITIONS.
3. REMOVE EXISTING EXISTING WATER MAIN SECTIONS AS MAY BE NECESSARY TO INSTALL NEW TIE-IN & APPURTENANCES THEREON.
4. ALL NEW TIE-IN PIPE & FITTINGS TO BE POLYETHYLENE WRAPPED AS PART OF THEM FOR PIPE SIZE USED.
5. MECHANICAL OR EQUIVALENT SHALL BE USED TO RESTRICTIONS TO EXISTING PIPING AND "ADON RESTRAINT CHART" FOR THE LENGTH(S) TO BE RESTRAINED.
6. SEE "ADON RESTRAINT CHART" FOR THE LENGTH(S) TO BE RESTRAINED.
7. CLOSURE OF EXISTING PIPES:
 - a.) IF EXISTING PIPE CUT IS STILL TO REMAIN IN SERVICE CHANGE THE END OF PIPE WITH A THURST BLOCK OF CONCRETE ANCHOR COLLAR BEARING AGAINST UNDISTURBED SOIL.
 - b.) IF EXISTING PIPE IS TO BE RETIRED AND LEFT IN-PLACE FILL & ENCASE OPEN ENDS WITH CONCRETE CLOSURE TO SEAL PIPE.
8. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR MAKING ALL NECESSARY ARRANGEMENTS WITH ALL UTILITY COMPANIES IN ACCORD WITH THE CONTRACT DOCUMENTS.

MINIMUM HORIZONTAL W/L CLEARANCE



25 SANITARY SEWER SERVICE CONNECTION
(CITY OF OBERLIN DETAIL)
NOT TO SCALE

REV. NO.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY
15940A-C			ISO	15940A



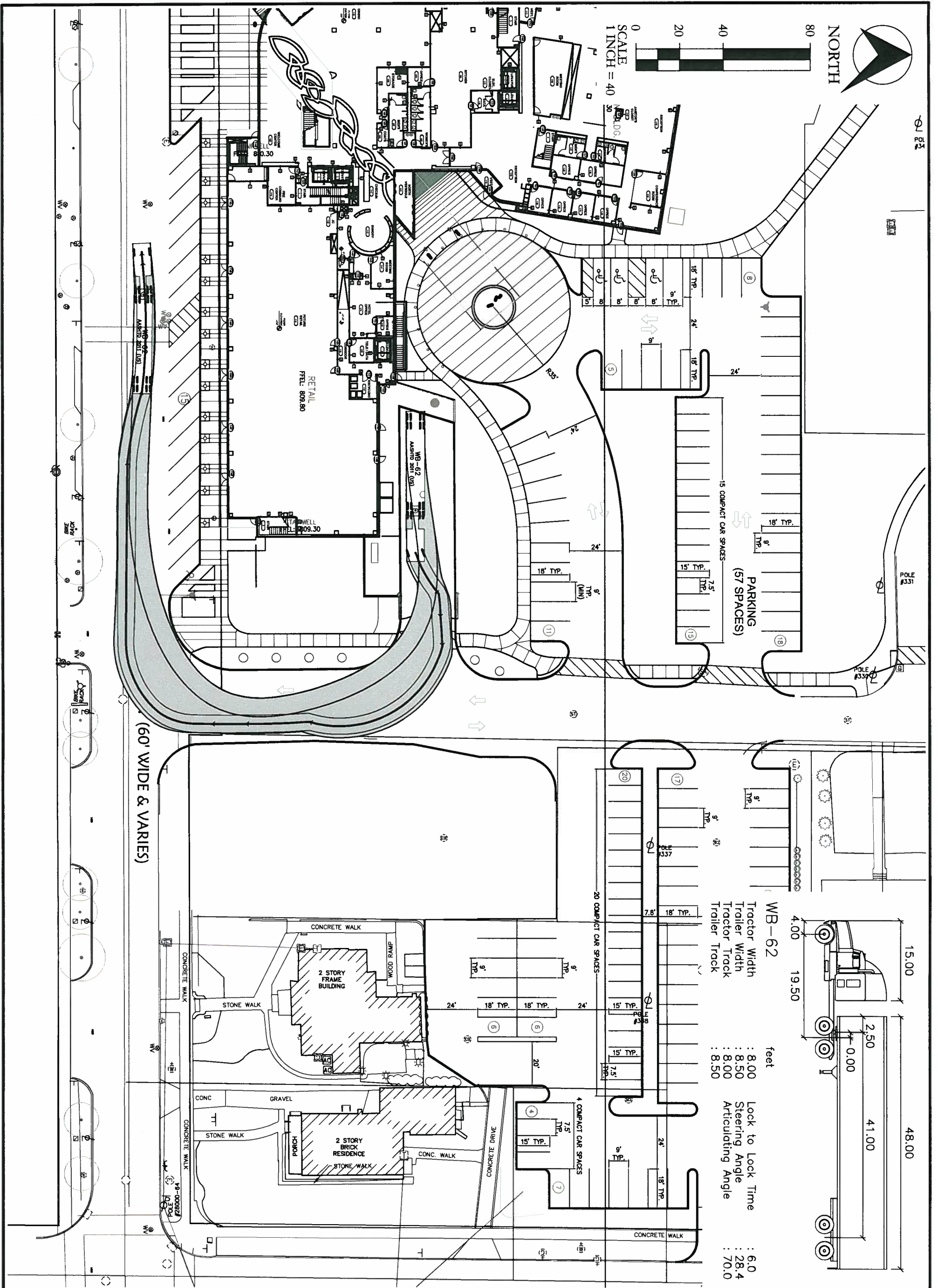
**LARGE TRUCK ACCESS IN
TO LOADING BAY
GATEWAY BUILDING
OBERLIN, OHIO**

NEFF & ASSOCIATES
Civil Engineers + Landscape Architects + Planners + Surveyors
6405 York Road | Parma Heights, Ohio 44130
Tel: 440.884.3100 | Fax: 440.884.6443
www.neff-assoc.com

Date: FEB, 2014

Drawn By: JSO

Proj. No. 13640



LARGE TRUCK ACCESS OUT
TO LOADING BAY
GATEWAY BUILDING
OBERLIN, OHIO

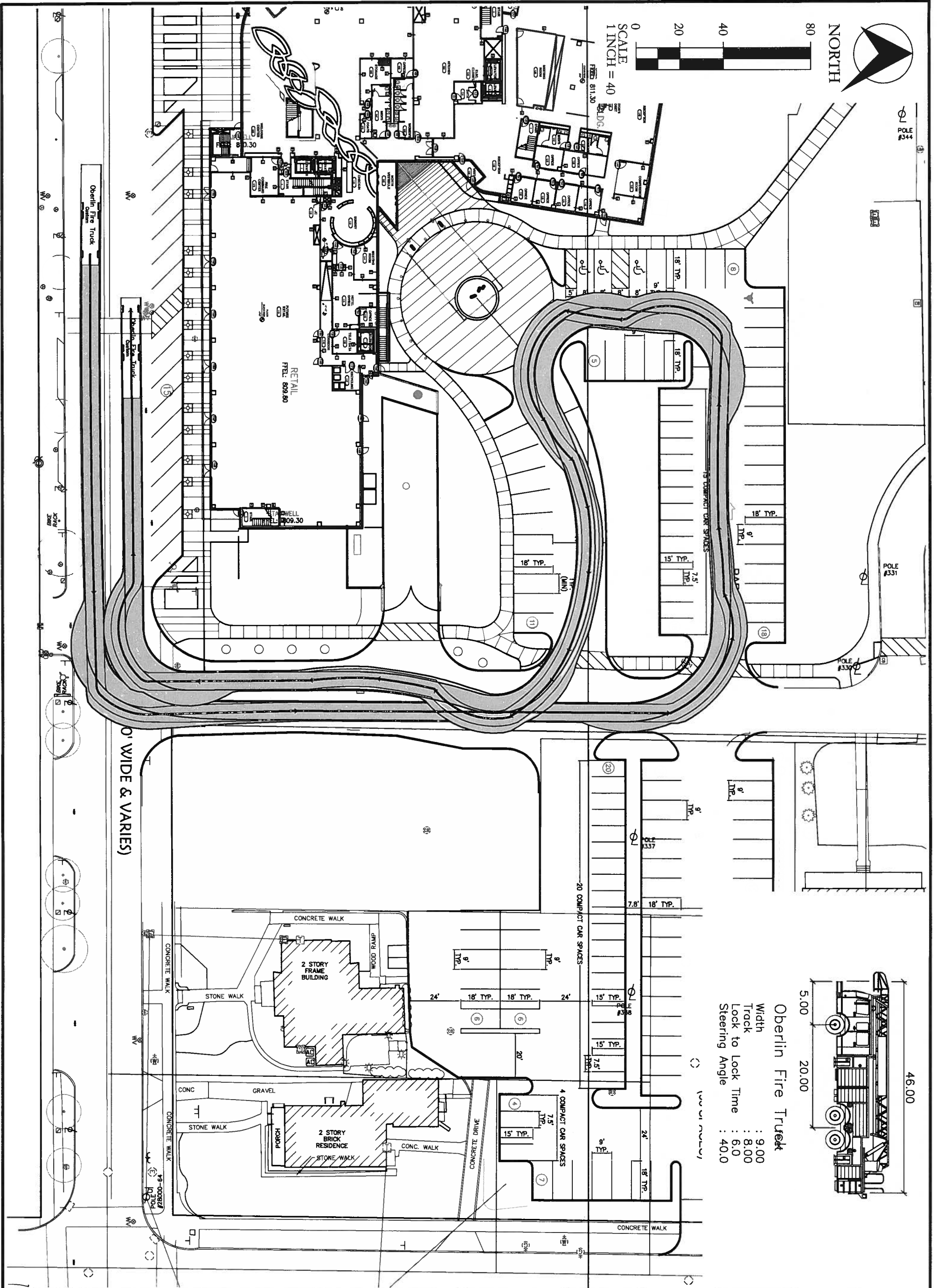
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Date: FEB., 2014

Drawn By: JSO

Proj. No. 13640

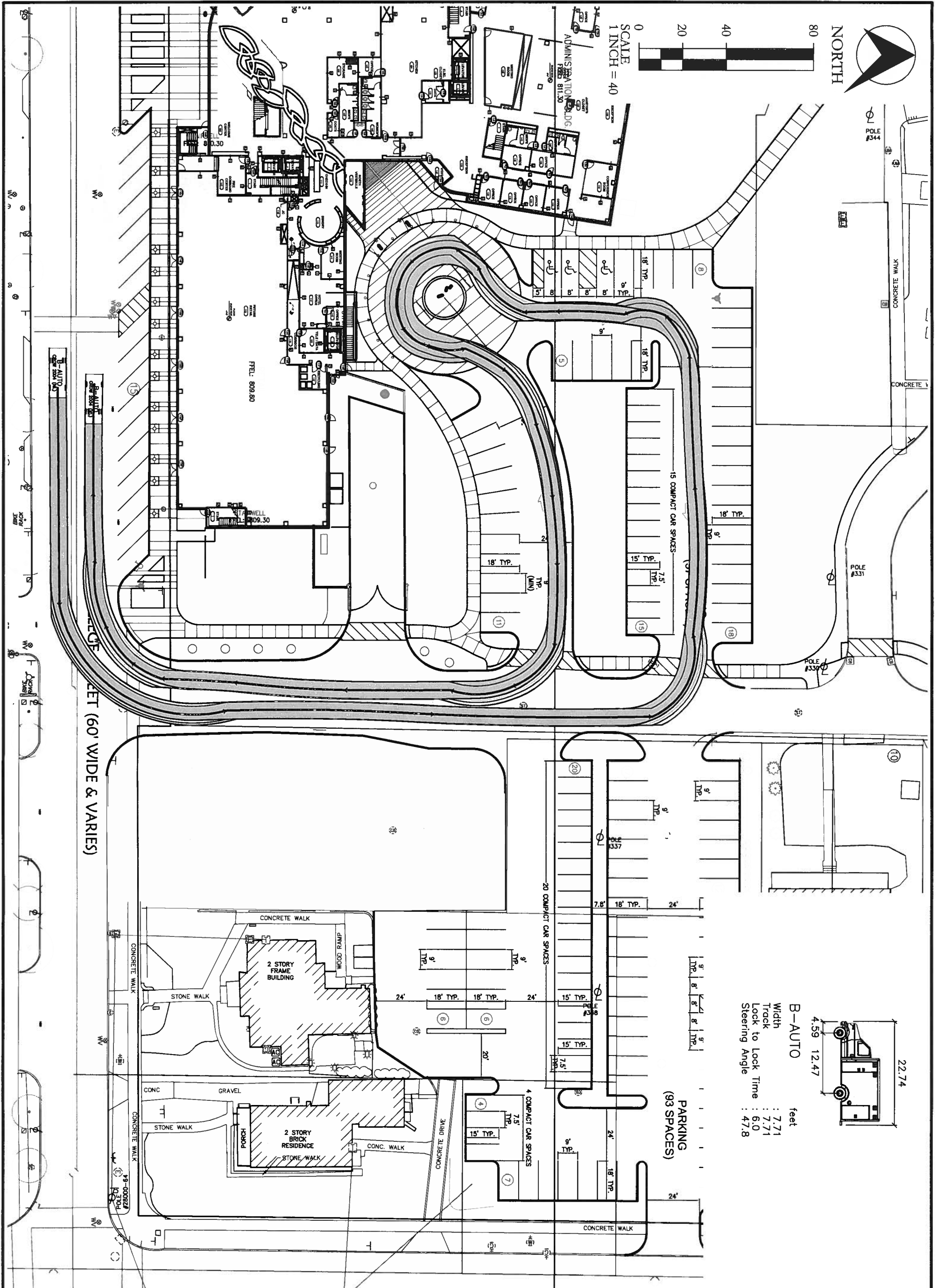


FIRE TRUCK THROUGH SITE
TO LOADING BAY
GATEWAY BUILDING
OBERLIN, OHIO

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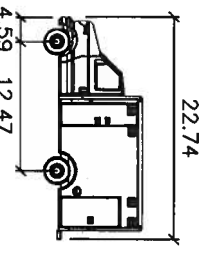
Date: FEB., 2014
Drawn By: JSO
Proj. No. 13640



LET (60' WIDE & VARIES)

B-AUTO feet

Width	: 7.71
Track	: 7.71
Lock to Lock Time	: 6.0
Steering Angle	: 47.8

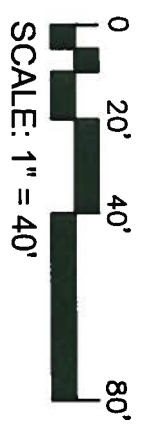
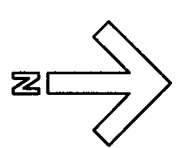
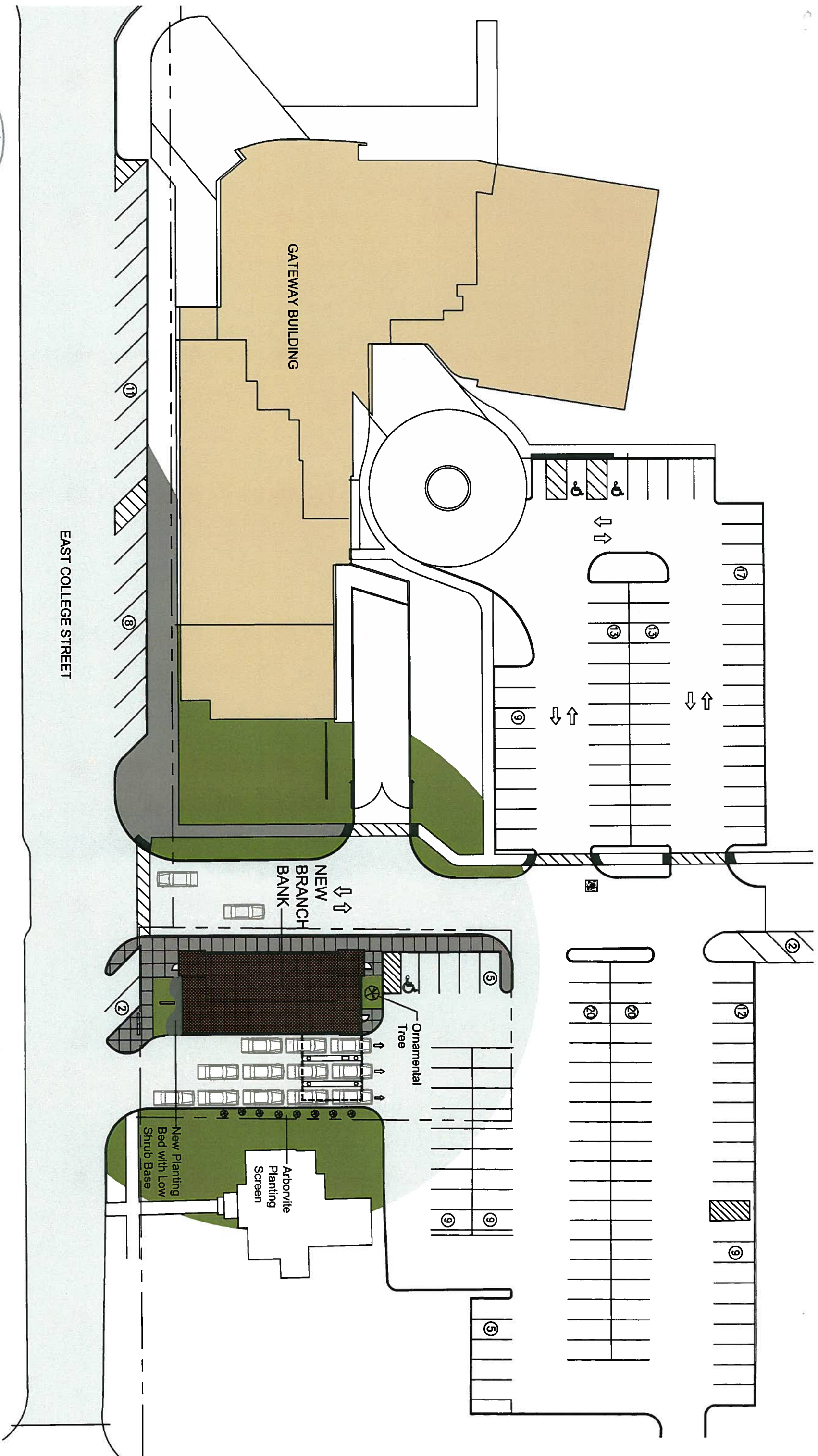


**AMBULANCE THROUGH SITE
TO LOADING BAY
GATEWAY BUILDING
OBERLIN, OHIO**

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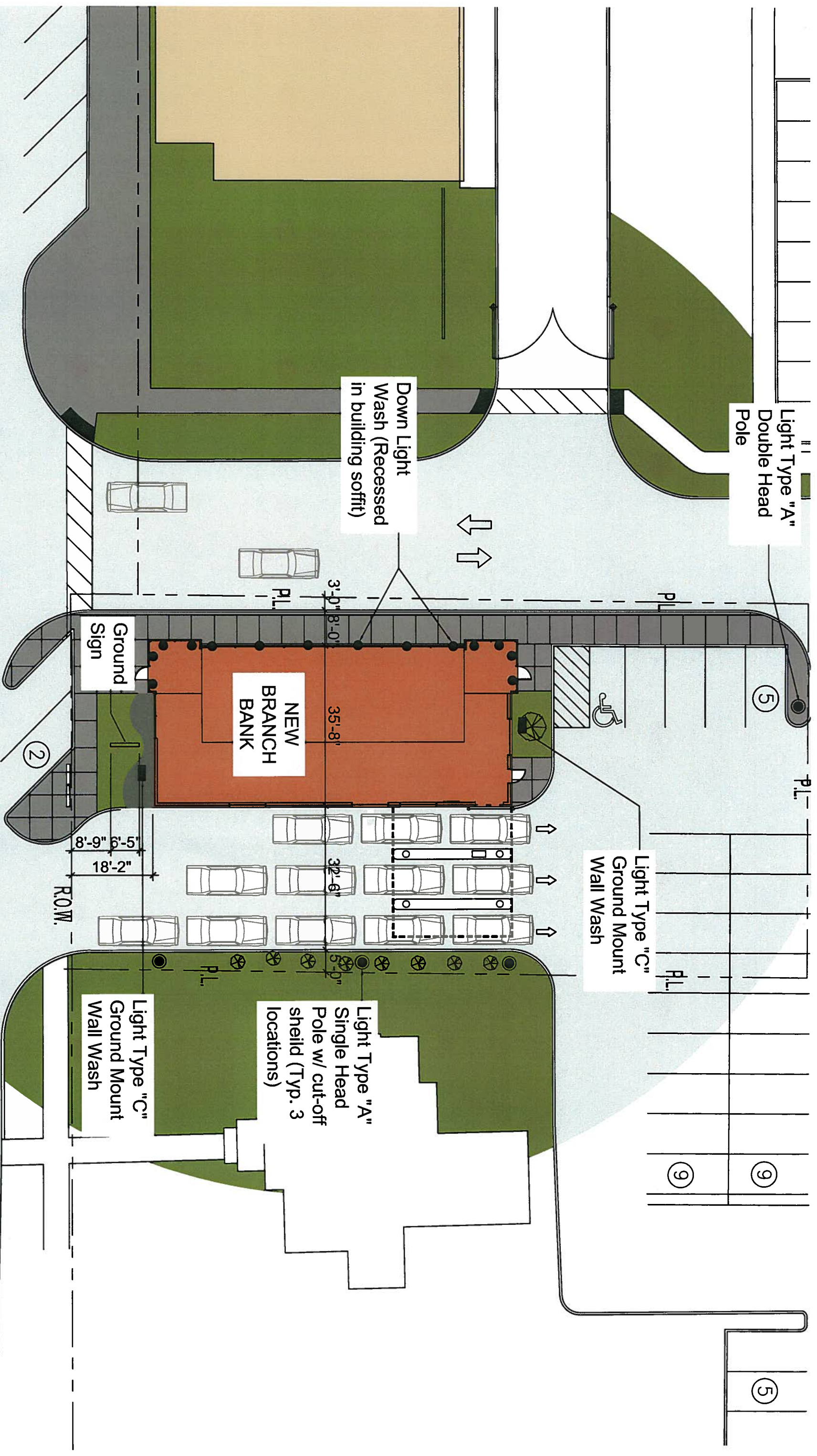


Lorain National Bank - New Oberlin Facility
Gateway Complex
Schematic Site Plan

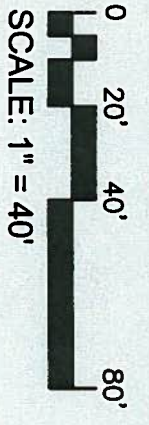
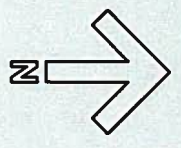
Clark & Post Architects, Inc.

Project No. 1212

February 28, 2014



STREET



**Lorain National Bank - New Oberlin Facility
Gateway Complex Large Scale Site Plan**

Clark & Post Architects, inc.

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February 28, 2014



**Lorain National Bank - New Oberlin Facility
Gateway Complex
Southeast View**

Clark & Post Architects, inc.

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February 28, 2014

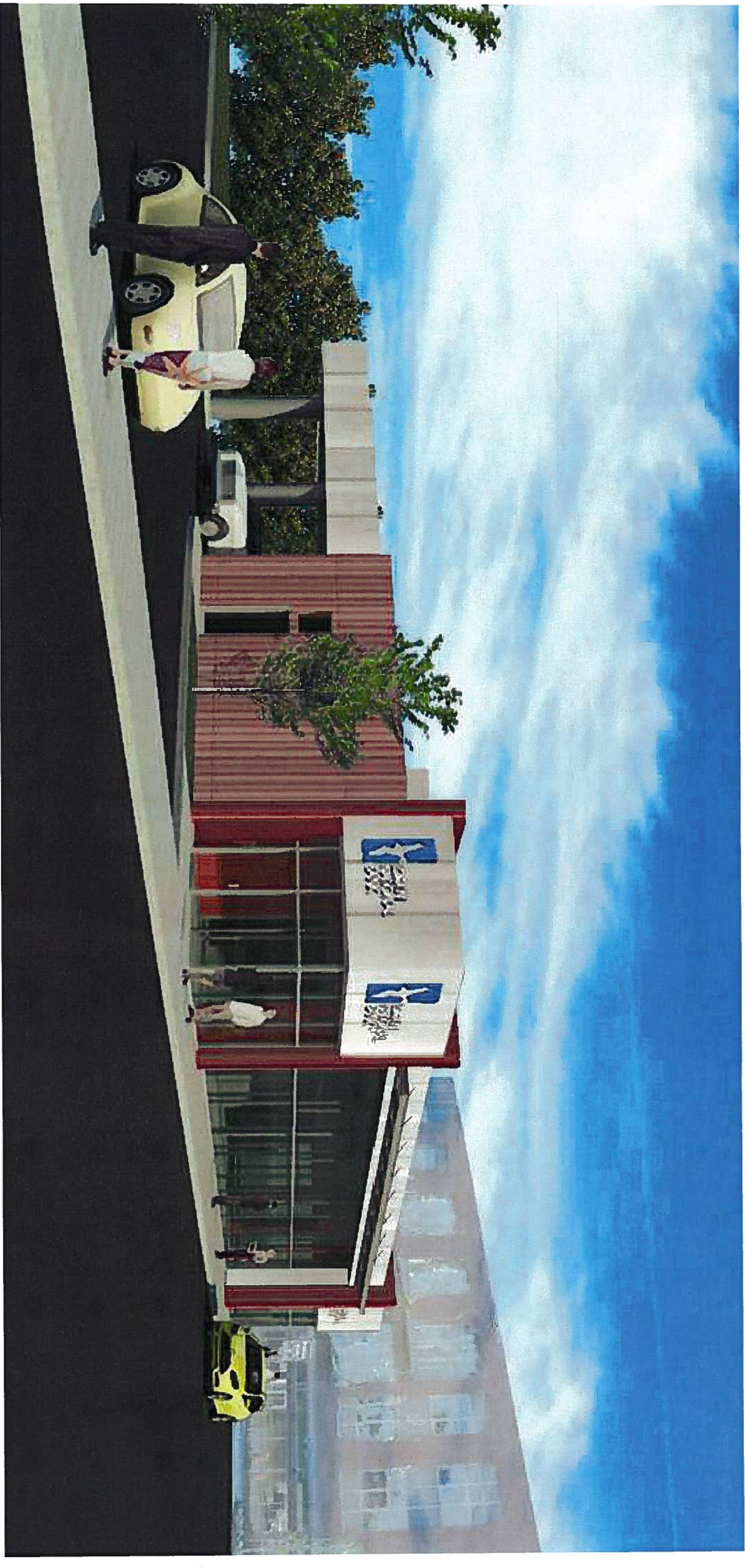


Lorain National Bank - New Oberlin Facility
Gateway Complex **Southwest View**

Clark & Post Architects, inc.

Project No. 1212

February 28, 2014

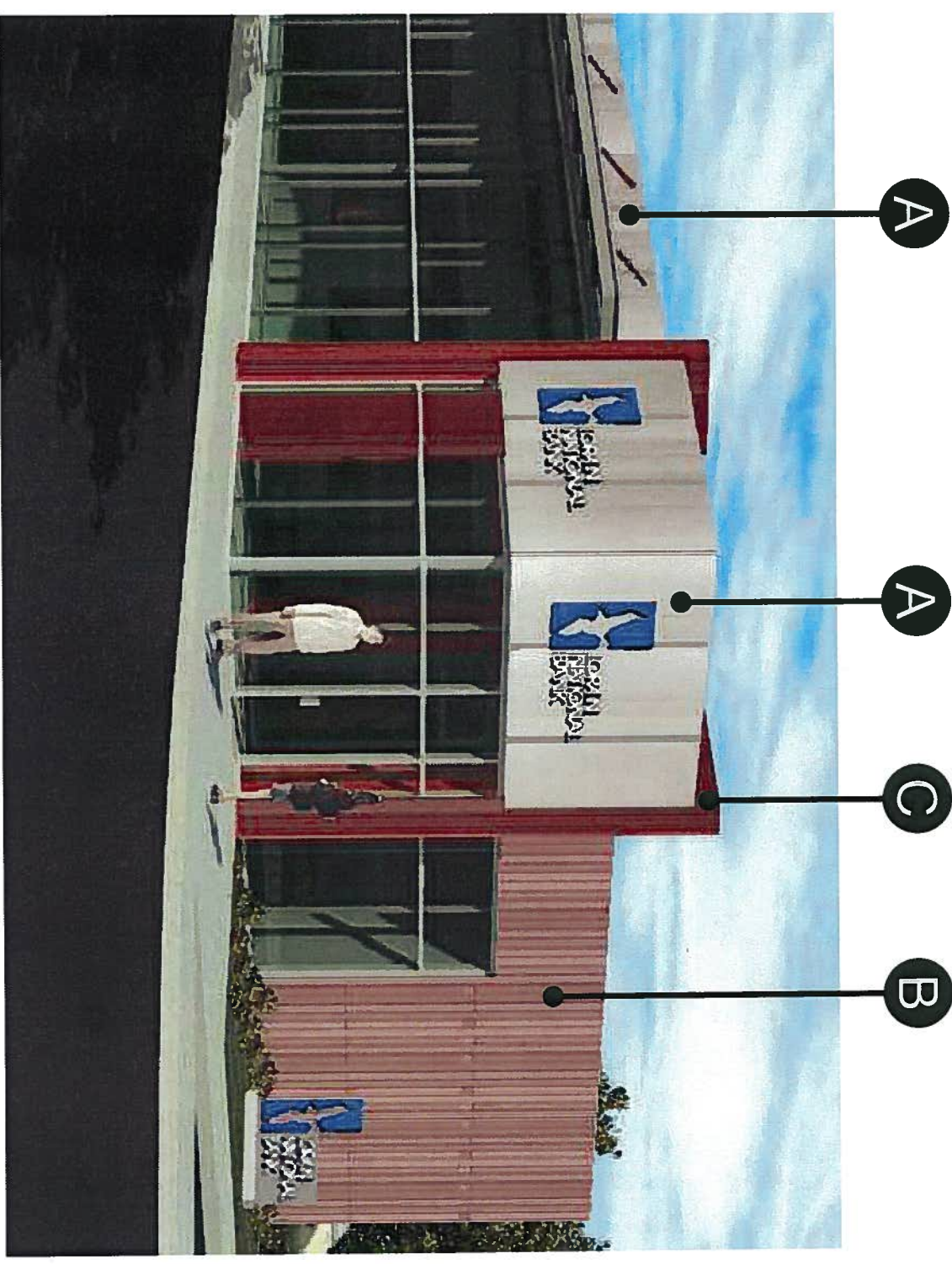
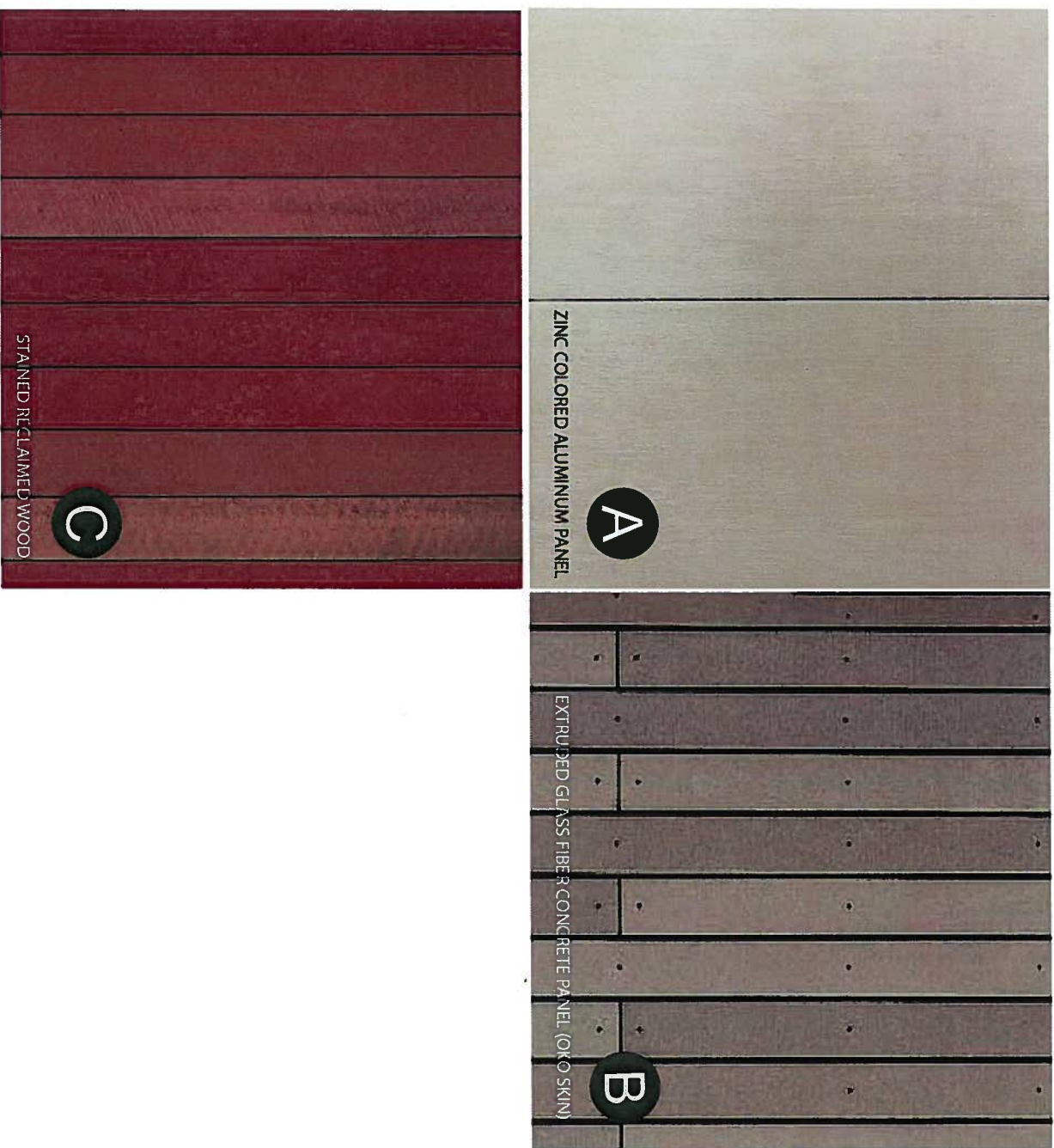


**Lorain National Bank - New Oberlin Facility
Gateway Complex Northwest View**

Clark & Post Architects, inc.

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February 28, 2014

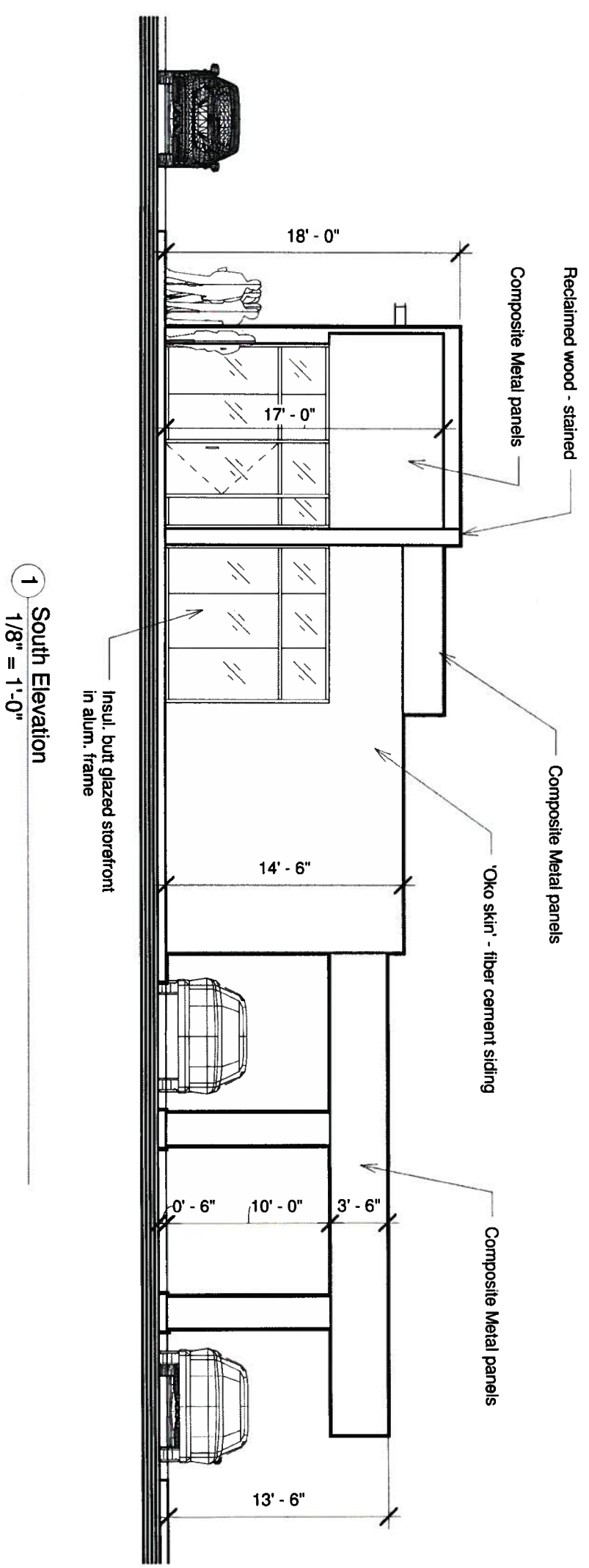
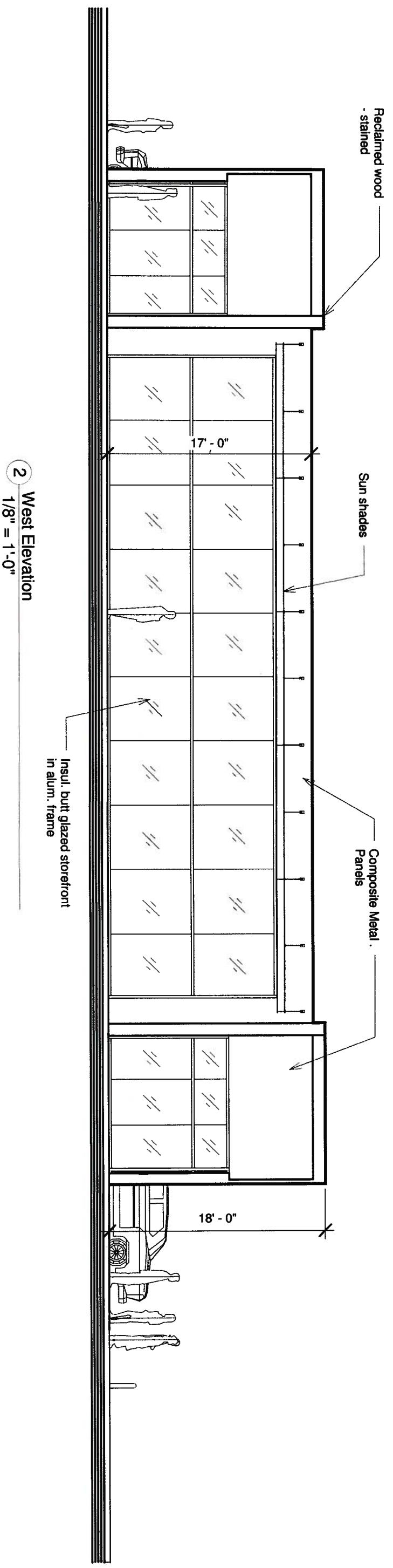


Lorain National Bank - New Oberlin Facility
Gateway Complex
Materials Palette

Clark & Post Architects, inc.

Project No. 1212

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Lorain National Bank - New Oberlin Facility Gateway Complex Schematic Elevations

Clark & Post Architects, inc.

Project No. 1212

February 28, 2014

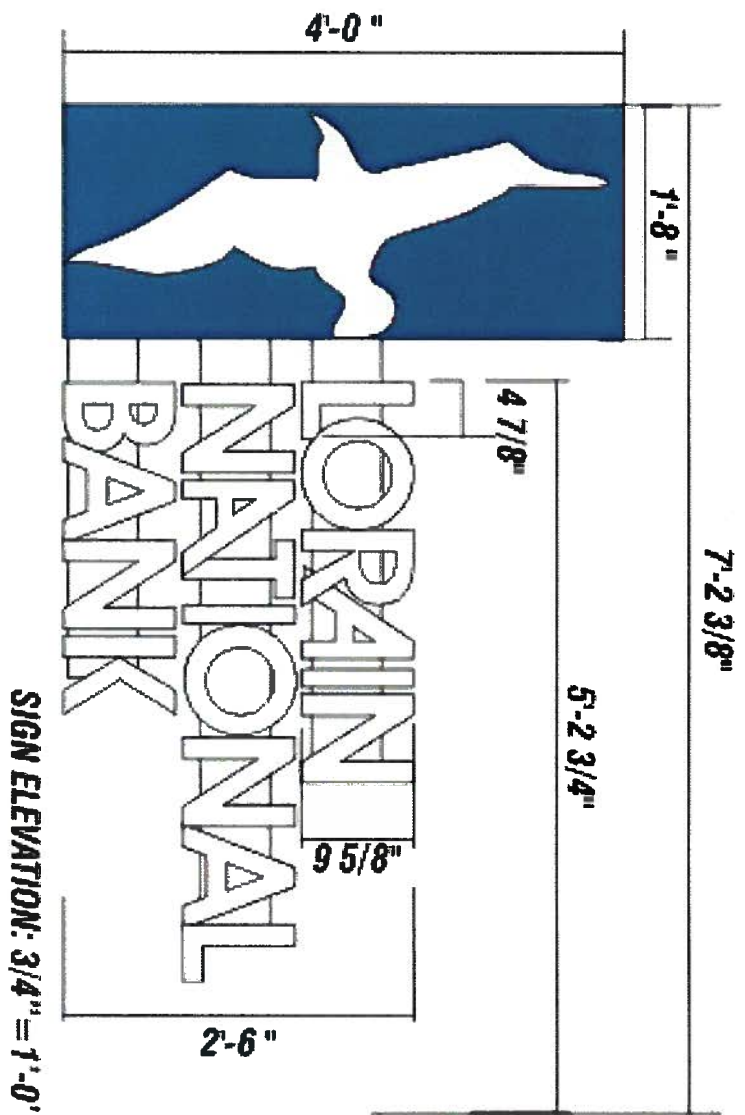


PHOTO SCALE: 1/8" = 1'-0"

B14-572

Notes

- Manufacture & install four (4) internally illuminated, sets of LED channel logo/letters mounted on raceways ; two (2) on each side of the building above entrance doors
 - The face of the logo cabinet to be white 7238 plexiglas; the background to be translucent Intense Blue 3630-127 vinyl reversed so the seagull would be white; the cabinet & trim to be painted Blue PMS
 - LED channel letters to be white 7328 plexiglas; returns & trim to be painted white
 - Raceways to be painted to match building fascia
- RATED 120 VOLTS**

NOTE: due to printer limitations, colors shown may not exactly match specified. Refer to material charts for true colors.



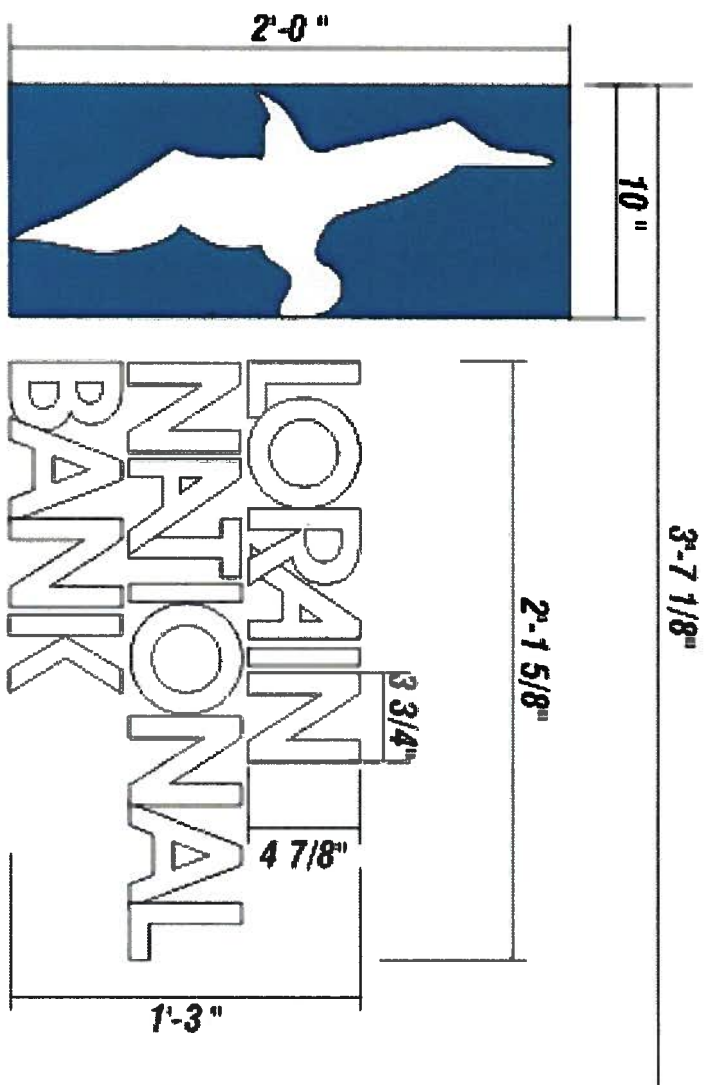
Brilliant Electric Sign Co., Ltd.

4811 VAN EPPS RD., CLEVELAND, OHIO 44131 (216)741-3800

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COMPANY NAME	LORAIN NATIONAL BANK	SALESMAN	JW	DATE	2/24/14	REVISION	2/28/14cp	DESIGN NO.	B14-570
LOCATION	OBERLIN OH	DESIGNER	CP	SCALE	SHOWN			COPYRIGHT ©	2014

FILE NAME Charlotte/ Lorain National letters (1)



SIGN ELEVATION: 1 1/2" = 1'-0"

B14-570



PHOTO SCALE: 1/8" = 1'-0"

- Notes**
- Manufacture & install one (1) single face, non-illuminated, fabricated aluminum, shoebox cabinet to the left with PVC letters; mounted to the awning
 - Background, cabinet & trim of the shoebox to be painted Blue PMS 301C (to match translucent Intense Blue 3630-127 vinyl as close as possible); seagull to be white vinyl
 - PVC letters reading "LORAIN NATIONAL BANK," to be painted white

NOTE: due to printer limitations, colors shown may not exactly match specified. Refer to material charts for true colors.



Brilliant Electric Sign Co., Ltd.

4811 VAN EPPS RD., CLEVELAND, OHIO 44131 (216)741-3800

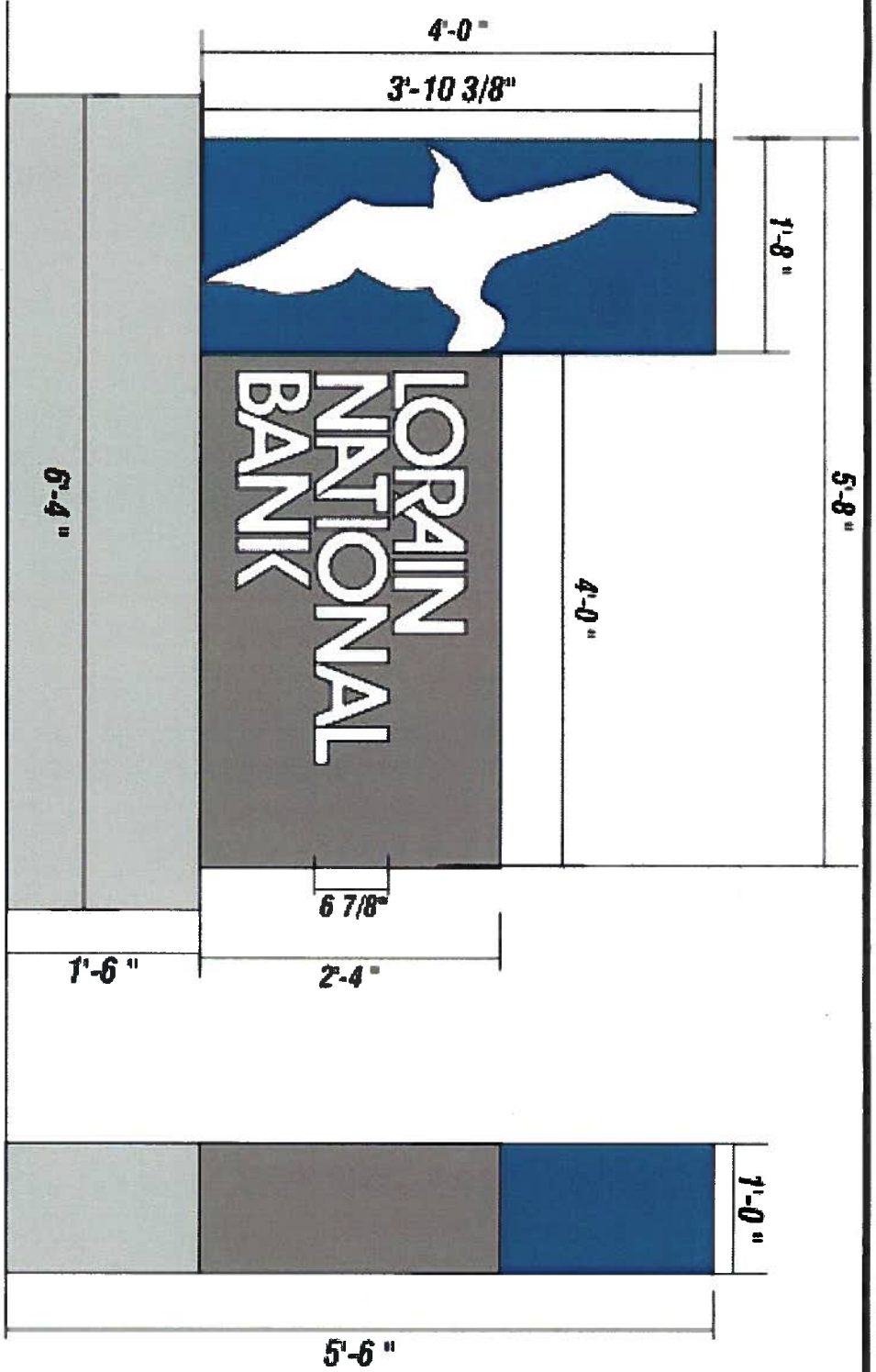
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COMPANY NAME	LORAIN NATIONAL BANK	SALESMAN	JW	DATE	2/26/14	REVISION	2/27/14cp	DESIGN NO.	B14-571
LOCATION	OBERLIN OH	DESIGNER	CP	SCALE	SHOWN		2/28/14cp	COPYRIGHT ©	2014

FILE NAME Charlotte/ Lorain National letters (2)



PHOTO SCALE: 1/8" = 1'-0"



SIGN ELEVATION: 3/4" = 1'-0"

FRONT/BACK VIEW

SIDE VIEW

Notes

- Manufacture & install one (1) double face, internally illuminated fabricated aluminum cabinet sign; to be mounted masonry base
- Logo/copy to be routed out & backed up by white 7328 plexiglass so they would be white
- Background, cabinet & trim the side of the seagull to be painted Blue PMS 301C (to match translucent Intense Blue 3630-127 vinyl as close as possible)
- Background, cabinet & trim of the side with the copy to be painted Matthews Brushed Aluminum 41-342

RATED 120 VOLTS

NOTE: due to printer limitations, colors shown may not exactly match specified. Refer to material charts for true colors.



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COMPANY NAME	LORAIN NATIONAL BANK	SALESMAN	JW	DATE	2/26/14	REVISION	2/27/14CP	DESIGN NO.	B14-572
LOCATION	OBERLIN, OH	DESIGNER	CP	SCALE	SHOWN		2/28/14cp	COPYRIGHT ©	2014
				FILE NAME		Charlotte/ Lorain National GS			