

PRELIMINARY ENGINEERING PLANS

BRIDGE CAPITAL PARTNERS, INC.

THE ATLAS DEVELOPMENT

2839 AUDREY AVE
NAPERVILLE, IL 60540

UTILITY AND GOVERNING AGENCY CONTACTS

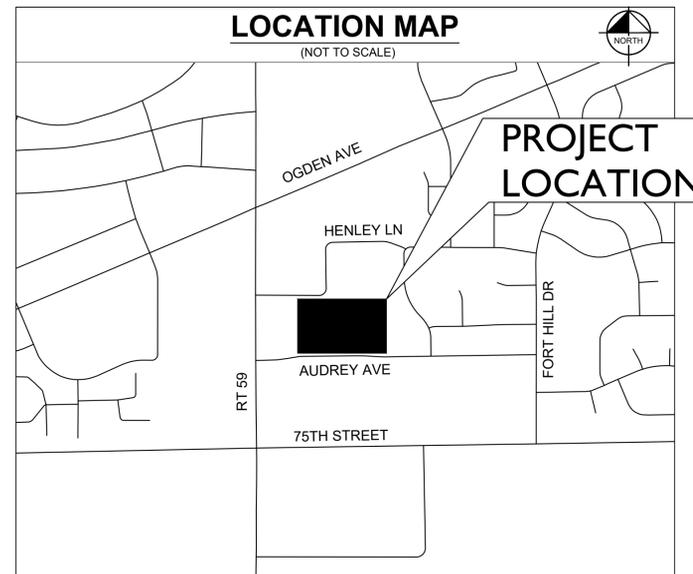
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DPU WATER
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Sheet List Table	
Sheet Number	Sheet Title
C0.0	COVER SHEET
V0.0	ALTA SURVEY
V0.1	ALTA SURVEY
C0.1	GENERAL NOTES
C0.2	CITY OF NAPERVILLE NOTES
C1.0	EX. CONDITIONS & DEMOLITION PLAN
C2.0	SITE PLAN
C3.0	GRADING & DRAINAGE PLAN
C4.0	UTILITY PLAN
C5.0	STORMWATER PLAN
C5.1	STORMWATER DETAILS
C5.2	STORMWATER DETAILS
L1.0	TREE PRESERVATION PLAN
L2.0	LANDSCAPE PLAN

PROJECT TEAM

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CONTACT: DANIEL W. WALTER, P.L.S

BENCHMARKS

REFERENCE BENCHMARK:
CITY OF NAPERVILLE STATION NUMBER 104

DATUM: NAVD88
ELEVATION = 703.93

SITE BENCHMARKS:

SITE BENCHMARK #1
TAG BOLT ON FIRE HYDRANT EAST ALONG THE SOUTH SIDE OF AUDREY AVENUE NEAR SOUTHWEST CORNER OF SITE.
ELEVATION = 711.61

SITE BENCHMARK #2
TAG BOLT ON 2ND FIRE HYDRANT EAST ALONG THE SOUTH SIDE OF AUDREY AVENUE FROM ILLINOIS ROUTE 59.
ELEVATION = 709.90

SITE BENCHMARK #3
NORTHEAST BONNET BOLT ON FIRE HYDRANT ALONG THE NORTH SIDE OF AUDREY AVENUE AND WEST OF THE SOUTHEAST CORNER OF SITE.
ELEVATION = 707.83

SITE BENCHMARK #4
NORTHWEST BONNET BOLT ON FIRE HYDRANT ALONG THE NORTH SIDE OF AUDREY AVENUE AND EAST OF THE SOUTHEAST CORNER OF SITE.
ELEVATION = 707.90

Kimley»Horn
© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
4201 WINFIELD ROAD, SUITE 600
WARRENVILLE, IL 60555
PHONE: 630-487-5550
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SCALE: AS NOTED
DESIGNED BY: TRW
DRAWN BY: TRW
CHECKED BY: TRE

COVER SHEET

BRIDGE CAPITAL PARTNERS, INC.
THE ATLAS DEVELOPMENT
2839 AUDREY AVE
NAPERVILLE, IL 60540

ORIGINAL ISSUE:
10/17/25
KHA PROJECT NO.
268929000

SHEET NUMBER
C0.0

No.	REVISIONS	DATE	BY
1	CITY COMMENTS	12/15/25	TRW

Drawing name: K:\GIS\DEV\268929000_Bridge CP_Audrey Ave Multi-Utility_Naperville_IL_V Design\CAD\PlanSheets\Preliminary Engineering\C0.0 - COVER SHEET.dwg CO.0 Dec 15, 2025 10:42am by: Taylor Westenhoff
This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



VICINITY MAP
NO SCALE

LINE LEGEND

- LIMITS OF LAND PER LEGAL DESCRIPTION
ADJACENT LAND
PARCEL LINE
EASEMENT LINE
CENTERLINE
BUILDING SETBACK LINE
SECTION LINE
EXISTING CONTOUR

ABBREVIATIONS

- O.D.I.P. = OUTSIDE DIAMETER IRON PIPE
TF = FINISHED FLOOR
FF = FINISHED FLOOR
FES = FLARED END SECTION
VCP = VITRIFIED CLAY PIPE
DIP = DUCTILE IRON PIPE
PVC = POLYVINYL CHLORIDE
RCP = REINFORCED CONCRETE PIPE
CMV & CORRUGATED METAL PIPE
(R) = RECORD BEARING OR DISTANCE
(M) = MEASURED BEARING OR DISTANCE
(C) = CALCULATED BEARING OR DISTANCE
(D) = DEED BEARING OR DISTANCE
N = NORTH
S = SOUTH
E = EAST
W = WEST
A = ARC LENGTH
R = RADIUS
CH = CHORD
CB = CHORD BEARING
B.S.L. = BUILDING SETBACK LINE
U.E. = UTILITY EASEMENT
D.E. = DRAINAGE EASEMENT
P.U.E. = PUBLIC UTILITY EASEMENT
P.O.C. = POINT OF COMMENCEMENT
P.O.B. = POINT OF BEGINNING
P.U. & D.E. = PUBLIC UTILITY AND DRAINAGE EASEMENT
BC = BACK OF CURB
BCD = BACK OF DEPRESSED FL = FLOW LINE
C = CONCRETE
P = PAVEMENT
G = GRAVEL
EW = EDGE OF WALK
TW = TOP OF WALL
TP = TOP OF PIPE
IE = INVERT ELEVATION
PL = PROPERTY LINE
DS = DOWN SPOUT
S.F. = SQUARE FEET
SL = SHORE LINE
TSF = TRANSFORMER
B = PAVERS

LEGEND

- FOUND 7/8" O.D.I.P. (HELD LOCATION)
GAS METER
GAS VALVE
GAS MARKER
CROSS IN CONCRETE
DOWN SPOUT
MANHOLE
STORM STRUCTURE
SANITARY MANHOLE
CLEANOUT
FLARED END SECTION
TRANSFORMER PAD
ELECTRIC MANHOLE
ELECTRIC BOX
ELECTRIC PEDESTAL
ELECTRIC MARKER
ELECTRIC METER
UTILITY POLE
UTILITY POLE W/LIGHT
UTILITY POLE W/TSF
GUY POLE
OVERHEAD TRAFFIC SIGNAL
TRAFFIC SIGNAL MANHOLE
LIGHT
LIGHT POLE
HAND HOLE
VALVE VALVE
FIRE HYDRANT
IRRIGATION CONTROL VALVE
POST INDICATOR VALVE
SIAMASE WATER CONNECTION
WATER MARKER
WATER METER
VALVE BOX
SPRINKLER CONTROL VALVE
SPRINKLER MANHOLE
TELEPHONE NETWORK INTERFACE
TELEPHONE MARKER
TELEPHONE PEDESTAL
CABLE TELEVISION PEDESTAL
CONTROL BOX
WETLAND FLAG

GENERAL NOTES

- 1. THIS SURVEY IS BASED ON THE LEGAL DESCRIPTION AND EASEMENTS OF RECORD AS IDENTIFIED IN TITLE COMMITMENT NUMBER 25N1701606W ISSUED BY CHICAGO TITLE INSURANCE COMPANY HAVING AN EFFECTIVE DATE OF AUGUST 18, 2025. THE LEGAL DESCRIPTION WAS PREPARED BY THE SURVEYOR.
2. THE BASIS OF BEARINGS FOR THIS SURVEY IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83 (2011), ZONE 1201 (ILLINOIS EAST)
3. THIS SITE FALLS WITHIN OTHER AREAS: ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS DEFINED BY THE FLOOD INSURANCE RATE MAP, MAP NUMBERS 1704300139J AND 1704300227J, BOTH HAVING A REVISED DATE OF AUGUST 1, 2019.
4. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR TOPOGRAPHIC SURVEYS, AND IS BASED ON FIELD WORK PERFORMED ON 09/04/2025.
5. THE SURVEYOR CONTACTED J.U.L.L.E. FOR A DESIGN STAGE REQUEST FOR THIS SITE WHICH WAS ASSIGNED A DIG NUMBER OF X252401005. INQUIRIES WERE SENT OUT TO THE VARIOUS UTILITY COMPANIES REQUESTING MAPS AND/OR ATLASSES OF THEIR RESPECTIVE FACILITIES. THE INFORMATION RECEIVED TO DATE IS SHOWN HEREON.
6. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM OBSERVED FIELD EVIDENCE AND EXISTING DRAWINGS, MAPS AND RECORDS SUPPLIED TO SURVEYOR AND MARKINGS PROVIDED BY A THIRD-PARTY. DUE TO THE UNCERTAINTY AND LIMITATIONS INHERENT TO LOCATING UNDERGROUND UTILITY FACILITIES FOR NON-CONSTRUCTION PURPOSES INCLUDING THOSE THAT ARE PLASTIC, NON-CONDUCTIVE, OR OTHERWISE UNABLE TO BE LOCATED, THERE MAY BE BURIED UTILITIES WITHIN THE SURVEY AREA THAT ARE NOT DETECTED. THE SURVEY SHOWS INDICATIONS OF UTILITIES BASED ON THIRD-PARTY UTILITY MARKS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM AVAILABLE INFORMATION. THE SURVEYOR HAS PHYSICALLY LOCATED OBSERVED STRUCTURES AND MARKINGS; HOWEVER, HE HAS NOT PHYSICALLY LOCATED THE UNDERGROUND LINES.
7. IN ACCORDANCE WITH TABLE A ITEMS 6(A) AND 6(B), A ZONING REPORT WAS NOT PROVIDED TO THE SURVEYOR.
8. ADJOINING OWNER INFORMATION SHOWN HEREON IS FROM AVAILABLE TAX RECORDS.
9. NO EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS OBSERVED IN THE PROCESS OF CONDUCTING THE FIELD WORK.
10. NO PROPOSED CHANGES IN STREET RIGHT OF WAY LINES BASED ON INFORMATION RECEIVED FROM THE CONTROLLING JURISDICTION AT THE TIME OF THE SURVEY. NO OBSERVED EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS.
11. IN ACCORDANCE WITH TABLE A ITEM 18, NO PLOTTABLE OFFSITE APPURTENANT EASEMENTS WERE DISCLOSED IN SCHEDULE A OF THE TITLE COMMITMENT.

LEGAL DESCRIPTION (AS SURVEYED)

LOT 2 IN BARBAROTTA'S SUBDIVISION, BEING A SUBDIVISION OF PART OF THE NORTHWEST QUARTER OF SECTION 27, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED DECEMBER 20, 2002 AS DOCUMENT NUMBER R2002-355159, EXCEPT THAT PART DESCRIBED AS FOLLOWS: BEGINNING AT THE WESTERMOST SOUTHWEST CORNER OF SAID LOT 2, BEING ALSO THE NORTHWEST CORNER OF LOT 1 IN SAID BARBAROTTA'S SUBDIVISION; THENCE NORTH 00 DEGREES 04 MINUTES 27 SECONDS WEST ALONG THE WEST LINE OF SAID LOT 2, A DISTANCE OF 140.13 FEET TO THE NORTHWEST CORNER OF SAID LOT 2; THENCE NORTH 89 DEGREES 05 MINUTES 38 SECONDS EAST ALONG THE NORTH LINE OF SAID LOT 2, A DISTANCE OF 441.70 FEET TO A LINE PARALLEL WITH AND 71.00 FEET EAST AS MEASURED AT RIGHT ANGLES TO, THE EAST LINE OF SAID LOT 1 IN BARBAROTTA'S SUBDIVISION; THENCE SOUTH 00 DEGREES 10 MINUTES 27 SECONDS WEST ALONG SAID PARALLEL LINE, 282.39 FEET TO THE SOUTH LINE OF SAID LOT 2; THENCE SOUTH 89 DEGREES 03 MINUTES 55 SECONDS WEST ALONG SAID SOUTH LINE, 67.01 FEET TO AN ANGLE POINT IN SAID SOUTH LINE; THENCE SOUTH 86 DEGREES 23 MINUTES 29 SECONDS WEST ALONG SAID SOUTH LINE, 4.02 FEET TO THE SOUTHEAST CORNER OF SAID LOT 1 IN BARBAROTTA'S SUBDIVISION; THENCE NORTH 00 DEGREES 10 MINUTES 27 SECONDS EAST ALONG THE EAST LINE OF SAID LOT 1, A DISTANCE OF 142.43 FEET TO THE NORTHEAST CORNER OF SAID LOT 1; THENCE SOUTH 89 DEGREES 05 MINUTES 57 SECONDS WEST ALONG THE NORTH LINE OF SAID LOT 1, A DISTANCE OF 370.08 FEET TO THE POINT OF BEGINNING; IN DUPAGE COUNTY, ILLINOIS.

ALTA/NSPS LAND TITLE AND TOPOGRAPHIC SURVEY

BENCHMARKS

- REFERENCE BENCHMARK: CITY OF NAPERVILLE STATION NUMBER 104
DATE: NAVD88
ELEVATION = 703.93
SITE BENCHMARKS: SITE BENCHMARK #1 TAG BOLT ON FIRE HYDRANT EAST ALONG THE SOUTH SIDE OF AUDREY AVENUE NEAR SOUTHWEST CORNER OF SITE. ELEVATION = 711.61
SITE BENCHMARK #2 TAG BOLT ON 2ND FIRE HYDRANT EAST ALONG THE SOUTH SIDE OF AUDREY AVENUE FROM ILLINOIS ROUTE 59. ELEVATION = 709.90
SITE BENCHMARK #3 NORTHEAST CORNER BOLT ON FIRE HYDRANT ALONG THE NORTH SIDE OF AUDREY AVENUE AND WEST OF THE SOUTHEAST CORNER OF SITE. ELEVATION = 707.83
SITE BENCHMARK #4 NORTHWEST CORNER BOLT ON FIRE HYDRANT ALONG THE NORTH SIDE OF AUDREY AVENUE AND EAST OF THE SOUTHWEST CORNER OF SITE. ELEVATION = 707.90

UTILITY CONTACTS

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GAS NICOR GAS 308-388-2362 GASMAPS@NICOR.COM
COMMUNICATIONS AT&T / DISTRIBUTION 10129@ATT.COM ASTOUND - WILLIAM NG 312-958-3358 312-505-1708 WILLIAM.NG@ASTOUND.COM
EVERSTREAM GLO HOLDING CO - GIS TEAM 224-423-2909 X.GND.EP@STO.UTILITYREVIEW@EVERSTREAM.NET
LEVEL 3 (LUMEN) - NETWORK RELOCATIONS 877-366-33442 NATIONALRELOC@CENTURYLINK.COM
MCI - VERIZON INVESTIGATIONS@VERIZON.COM
VERIZON WIRELESS - NATIONAL FACILITY LOCATE 800-624-9675XOPTION 3
WATER / SANITARY / STORM CITY OF AURORA - MIKE HOUSTON 331-254-2026 HOUSTON@AURORA-IL.ORG
DUPAGE COUNTY DOT - JEREMY LEE 630-407-8500 JEREMY.LEE@DUPAGECOUNTY.GOV
CITY OF NAPERVILLE - PATRICK SAMEK 630-420-8660 SAMEK@NAPERVILLE.IL.US

GRAPHIC SCALE

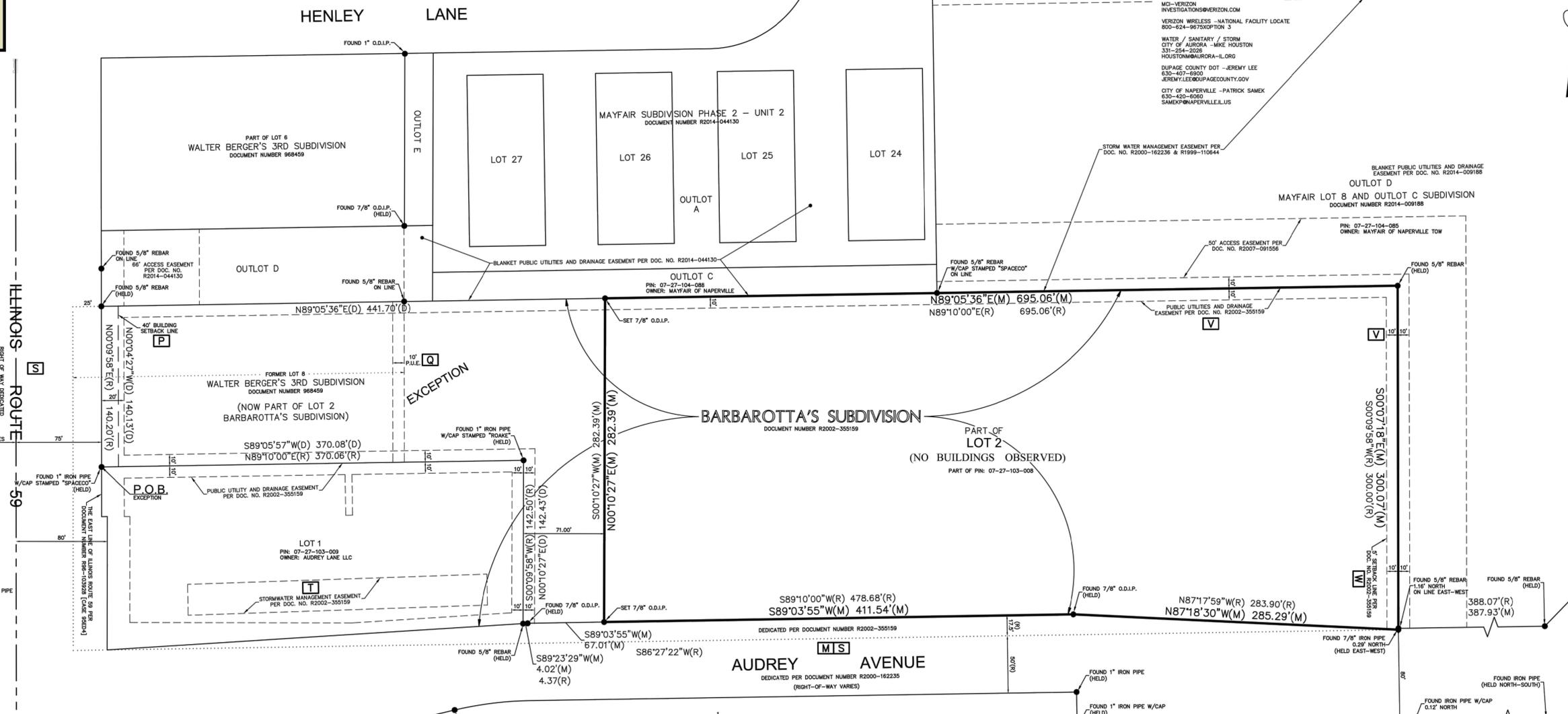


(IN FEET) 1 inch = 50 ft.

AREA SUMMARY (TO HEAVY LINES) 198,898 SQUARE FEET OR 4.566 ACRES (BASED ON MEASURED VALUES)

STRIPED PARKING DATA REGULAR SPACES = 0 ACCESSIBLE SPACES = 0 TOTAL SPACES = 0

UTILITY STATEMENT THE UNDERGROUND UTILITIES SHOWN ON THIS SURVEY WERE LOCATED FROM OBSERVED FIELD EVIDENCE AND EXISTING DRAWINGS, MAPS AND RECORDS SUPPLIED TO SURVEYOR AND MARKINGS PROVIDED BY A THIRD-PARTY. DUE TO THE UNCERTAINTY AND LIMITATIONS INHERENT TO LOCATING UNDERGROUND UTILITY FACILITIES FOR NON-CONSTRUCTION PURPOSES INCLUDING THOSE THAT ARE PLASTIC, NON-CONDUCTIVE, OR OTHERWISE UNABLE TO BE LOCATED, THERE MAY BE BURIED UTILITIES WITHIN THE SURVEY AREA THAT ARE NOT DETECTED. THE SURVEY SHOWS INDICATIONS OF UTILITIES BASED ON THIRD-PARTY UTILITY MARKS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM AVAILABLE INFORMATION. THE SURVEYOR HAS PHYSICALLY LOCATED OBSERVED STRUCTURES AND MARKINGS; HOWEVER, HE HAS NOT PHYSICALLY LOCATED THE UNDERGROUND LINES.



NOTES

- REGARDING SCHEDULE A: THE SURVEY OF PART OF LOT 2 IN BARBAROTTA'S SUBDIVISION IS SHOWN HEREON. THE LEGAL DESCRIPTION WAS PREPARED BY THE SURVEYOR.
REGARDING SCHEDULE B: SCHEDULE B EXCEPTIONS C, D, E, X, G, H, I, Y, J, K, F, O, R, U AND L ARE NOT SURVEY RELATED AND THEREFORE NOT SHOWN.
M PUBLIC ROADS SHOWN HEREON.
N THERE WERE NO DRAINAGE TILE MARKINGS OBSERVED. DITCHES ARE BASED ON OBSERVATIONS AT THE TIME OF THE SURVEY. THERE WERE NO RECORDED EASEMENTS IDENTIFIED IN THE TITLE COMMITMENT REGARDING THESE ITEMS. NOT PLOTTABLE.
P BUILDING LINE PER THE PLAT OF WALTER BERGER'S THIRD SUBDIVISION RECORDED AS DOCUMENT NUMBER R1960-968459, ON THE WEST 40 FEET OF LOT 2, IS NOT ON THE SURVEYED PROPERTY, SHOWN HEREON.
Q 10 FOOT UTILITY EASEMENT ON THE EAST LINE OF LOT 8 IN WALTER BERGER'S THIRD SUBDIVISION, UNDERLYING LOT 2 IN BARBAROTTA'S SUBDIVISION, IS LOCATED WEST OF AND NOT ON THE SURVEYED PROPERTY, SHOWN HEREON.
S NOTE APPENDED TO THE PLAT OF BARBAROTTA'S SUBDIVISION THAT "THERE SHALL BE NO DIRECT ACCESS TO ILLINOIS ROUTE 59 FROM LOTS 1 AND 2. ACCESS TO BE PROVIDED VIA AUDREY AVENUE, WHICH HAS DIRECT ACCESS TO ILLINOIS ROUTE 59". THE SURVEYED SITE DOES NOT ABUT ILLINOIS ROUTE 59. ILLINOIS ROUTE 59 AND AUDREY AVENUE ARE SHOWN HEREON.
T COVENANTS AND RESTRICTIONS CONTAINED IN PLAT OF SUBDIVISION DOCUMENT NO. R2002-355159, RELATING TO A STORMWATER MANAGEMENT EASEMENT LOCATED ON LOT 1, NOT ON THE SURVEYED PROPERTY, SHOWN HEREON.
V EASEMENT FOR PUBLIC UTILITIES AND DRAINAGE, AND THE EASEMENT PROVISIONS AND GRANTEE AS SET FORTH ON THE PLAT OF BARBAROTTA'S SUBDIVISION RECORDED DECEMBER 20, 2002 AS DOCUMENT NUMBER R2002-355159, IS LOCATED ON THE SURVEYED SITE AS SHOWN HEREON.
W BUILDING LINE AS LABELLED ON THE PLAT OF BARBAROTTA'S SUBDIVISION RECORDED DECEMBER 20, 2002 AS DOCUMENT NUMBER R2002-355159, ALONG THE EAST LINE SURVEYED PROPERTY AS SHOWN HEREON.

SCHEDULE B EXCEPTIONS

- M RIGHTS OF THE LAND, THE STATE OF ILLINOIS AND THE MUNICIPALITY IN AND TO THAT PART OF THE PLAT, IF ANY, TAKEN OR USED FOR ROAD PURPOSES, TOGETHER WITH UTILITY RIGHTS THEREIN.
N RIGHTS OF WAY FOR DRAINAGE TILES, DITCHES, FEEDERS, LATERALS AND UNDERGROUND PIPES, IF ANY.
P BUILDING LINE(S) AS SHOWN ON THE PLAT OF WALTER BERGER'S THIRD SUBDIVISION RECORDED AS DOCUMENT NUMBER R1960-968459, AFFECTING THE WEST 40 FEET OF THE LAND. (AFFECTS UNDERLYING LAND AND OTHER PROPERTY)
Q EASEMENT FOR PUBLIC UTILITIES, AND THE EASEMENT PROVISIONS AND GRANTEE AS SET FORTH ON THE PLAT OF WALTER BERGER'S THIRD SUBDIVISION RECORDED AS DOCUMENT NUMBER R1960-968459, OVER THE FOLLOWING: EAST 10 FEET. (AFFECTS UNDERLYING LAND AND OTHER PROPERTY)
S NOTE APPENDED TO THE PLAT OF BARBAROTTA'S SUBDIVISION THAT "THERE SHALL BE NO DIRECT ACCESS TO ILLINOIS ROUTE 59 FROM LOTS 1 AND 2. ACCESS TO BE PROVIDED VIA AUDREY AVENUE, WHICH HAS DIRECT ACCESS TO ILLINOIS ROUTE 59".
T COVENANTS AND RESTRICTIONS (BUT OMITTING ANY SUCH COVENANT OR RESTRICTION BASED ON RACE, COLOR, RELIGION, SEX, HANDICAP, FAMILY STATUS OR NATIONAL ORIGIN UNLESS AND ONLY TO THE EXTENT THAT SAID COVENANT (A) IS EXEMPT UNDER CHAPTER 42, SECTION 3607 OF THE UNITED STATES CODE OR (B) RELATES TO HANDICAP BUT DOES NOT DISCRIMINATE AGAINST HANDICAPPED PERSONS) CONTAINED IN PLAT OF SUBDIVISION RECORDED DECEMBER 20, 2002 AS DOCUMENT NO. R2002-355159, RELATING TO STORMWATER MANAGEMENT WHICH DOES NOT CONTAIN A REVERSIONARY OR FORTUITURE CLAUSE.
V EASEMENT FOR PUBLIC UTILITIES AND DRAINAGE, AND THE EASEMENT PROVISIONS AND GRANTEE AS SET FORTH ON THE PLAT OF BARBAROTTA'S SUBDIVISION RECORDED DECEMBER 20, 2002 AS DOCUMENT NUMBER R2002-355159.
W BUILDING LINE(S) AS SHOWN ON THE PLAT OF BARBAROTTA'S SUBDIVISION RECORDED DECEMBER 20, 2002 AS DOCUMENT NUMBER R2002-355159.

SURVEYOR'S CERTIFICATION

TO: CHICAGO TITLE INSURANCE COMPANY
THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 6(A), 6(B), 8, 9, 13, 14, 16, 17 AND 19 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON SEPTEMBER 4, 2025.
COMPASS SURVEYING LTD
PROFESSIONAL DESIGN FIRM
LAND SURVEYOR CORPORATION NO. 184-002778
LICENSE EXPIRES 4/30/2027
DATE OF PLAT OR MAP: OCTOBER 6, 2025
BY: Daniel W. Walter
DANIEL W. WALTER
IL PROFESSIONAL LAND SURVEYOR NO. 3585
LICENSE EXPIRES 11/30/26

Table with columns: NO., DATE, CHECKED BY, DRAWN BY, REVISIONS.

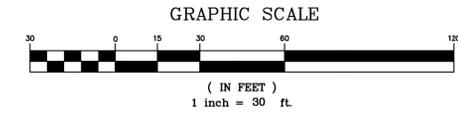
Kimley-Horn and Associates, Inc.
4201 WINFIELD ROAD
WARRENVILLE, ILLINOIS 60555
WWW.KH-HORN.COM

PROJECT: 2915 Audrey Avenue, Naperville

COMPASS SURVEYING LTD
ALTA SURVEYS • TOPOGRAPHY • CONSTRUCTION STAKING
2631 GINGER WOODS PARKWAY, STE. 100
AURORA, IL 60502
PHONE: (630) 520-9100 FAX: (630) 520-7639 EMAIL: ADMIN@CGLSURVEYING.COM

SCALE: 1" = 50'
V.O.
PROJ. NO: 25.0236-01

ALTA/NSPS LAND TITLE AND TOPOGRAPHIC SURVEY



LINE LEGEND

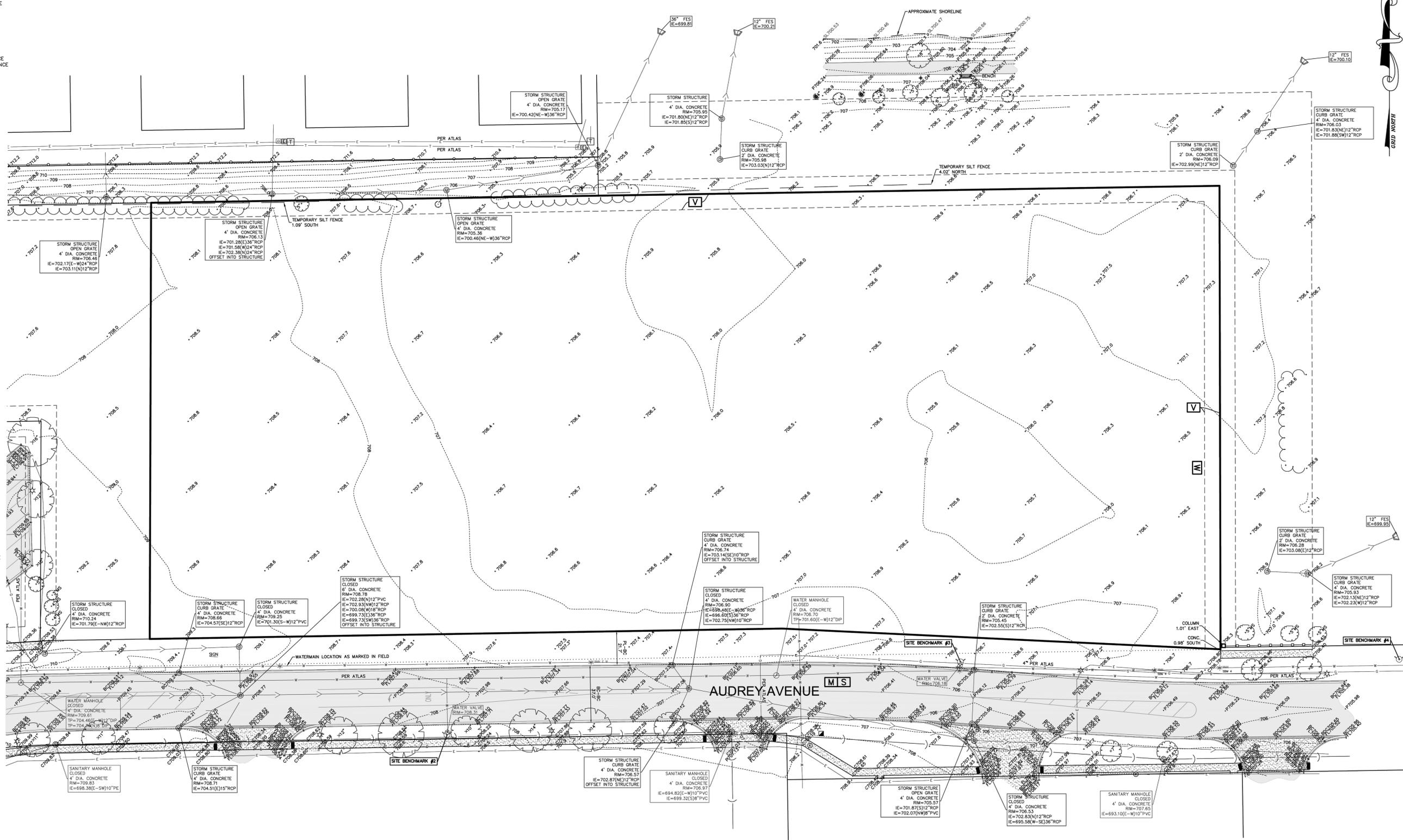
- LIMITS OF LAND PER LEGAL DESCRIPTION
- ADJACENT LAND PARCEL LINE
- EASEMENT LINE
- CENTERLINE
- BUILDING SETBACK LINE
- SECTION LINE
- EXISTING CONTOUR

ABBREVIATIONS

- O.D.I.P. = OUTSIDE DIAMETER IRON PIPE
- TF = TOP OF FOUNDATION
- F7 = FINISHED FLOOR
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- VCP = VITRIFIED CLAY PIPE
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- (D) = DEED BEARING OR DISTANCE
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- CB = CHORD BEARING
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- D.E. = DRAINAGE EASEMENT
- P.U.E. = PUBLIC UTILITY EASEMENT
- P.O.C. = POINT OF COMMENCEMENT
- P.O.B. = POINT OF BEGINNING
- P.U. & D.E. = PUBLIC UTILITY AND DRAINAGE EASEMENT
- BC = BACK OF CURB
- BDC = BACK OF DEPRESSED
- FL = FLOW LINE
- C = CONCRETE
- P = PAVEMENT
- G = GRAVEL
- EW = EDGE OF WALK
- TW = TOP OF WALL
- TP = TOP OF PIPE
- IE = INVERT ELEVATION
- PL = PROPERTY LINE
- DS = DOWN SPOUT
- S.F. = SQUARE FEET
- SL = SHORE LINE
- TSF = TRANSFORMER
- B = PAVERS

LEGEND

- FOUND 7/8" O.D.I.P. UNLESS OTHERWISE NOTED (HELD LOCATION)
- CONCRETE MONUMENT
- ⊕ CROSS IN CONCRETE
- ⊙ MANHOLE
- ⊙ STORM STRUCTURE
- ⊙ SANITARY MANHOLE
- ⊙ CLEANOUT
- ▽ FLARED END SECTION
- ⊠ TRANSFORMER PAD
- ⊙ ELECTRIC MANHOLE
- ⊙ ELECTRIC BOX
- ⊙ ELECTRIC PEDESTAL
- ⊙ ELECTRIC MARKER
- ⊙ ELECTRIC METER
- ⊙ UTILITY POLE
- ⊙ UTILITY POLE W/LIGHT
- ⊙ GUY POLE
- ⊙ OVERHEAD TRAFFIC SIGNAL
- ⊙ TRAFFIC SIGNAL MANHOLE
- ⊙ LIGHT
- ⊙ LIGHT POLE
- ⊙ HAND HOLE
- ⊙ VALVE VAULT
- ⊙ FIRE HYDRANT
- ⊙ IRRIGATION CONTROL VALVE
- ⊙ POST INDICATOR VALVE
- ⊙ SAMOSE WATER CONNECTION
- ⊙ WATER MARKER
- ⊙ WATER METER
- ⊙ VALVE BOX
- ⊙ B/BOX
- ⊙ SPRINKLER CONTROL VALVE
- ⊙ TELEPHONE MANHOLE
- ⊙ TELEPHONE NETWORK INTERFACE
- ⊙ COMMUNICATION MARKER
- ⊙ TELEPHONE PEDESTAL
- ⊙ CABLE TELEVISION PEDESTAL
- ⊙ CONTROL BOX
- ⊙ WETLAND FLAG
- ⊙ GAS METER
- ⊙ GAS VALVE
- ⊙ GAS MARKER
- ⊙ DOWN SPOUT
- ⊙ BORING HOLE
- ⊙ MONITORING WELL
- ⊙ GATE POST
- ⊙ BILLBOARD POLE
- ⊙ SIGN
- ⊙ FLAG POLE
- ⊙ MAILBOX
- ⊙ SANITARY SEWER
- ⊙ WATER MAIN
- ⊙ GAS MAIN
- ⊙ ELECTRIC LINE
- ⊙ OVERHEAD WIRES
- ⊙ COMMUNICATION LINE
- ⊙ CONFEROUS TREE
- ⊙ W/APPROX. DIAMETER
- ⊙ DECIDUOUS TREE
- ⊙ W/APPROX. DIAMETER
- ⊙ MULTI-STEM
- (DRIP LINE SHOWN IS APPROXIMATE)
- TREE LINE
- ⊙ ELEVATION
- BITUMINOUS PAVEMENT
- CONCRETE SURFACE
- DEPRESSED CURB
- GRAVEL SURFACE
- LANDSCAPE AREA
- STONE SURFACE
- DETECTABLE TACTILE WARNING SURFACE
- BRICK PAVERS
- ⊙ WOOD FENCE
- ⊙ CHAIN LINK FENCE
- ⊙ METAL FENCE
- ⊙ METAL GUARDRAIL
- ⊙ OVERHEAD TRAFFIC ARM



UTILITY STATEMENT
 THE UNDERSIGNED SURVEYOR HAS PERSONALLY LOCATED THE UNDERGROUND UTILITIES SHOWN AND HAS MADE A REASONABLE ATTEMPT TO VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES SHOWN. THE SURVEYOR HAS MADE A REASONABLE ATTEMPT TO VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES SHOWN AND HAS MADE A REASONABLE ATTEMPT TO VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES SHOWN. THE SURVEYOR HAS MADE A REASONABLE ATTEMPT TO VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES SHOWN. THE SURVEYOR HAS MADE A REASONABLE ATTEMPT TO VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES SHOWN.

NO.	DATE	BY	REVISIONS

CLIENT
 2915 Audrey Avenue
 Naperville, IL 60563
Kimley-Horn
 © 2025 KIMLEY-HORN AND ASSOCIATES, INC.
 4201 WAINWOLD ROAD
 WARRENVILLE, ILLINOIS 60555
 WWW.KHAFRUITHEHORN.COM

COMPASS SURVEYING LTD
 ALTA SURVEYS • TOPOGRAPHY • CONSTRUCTION STAKING
 2631 GINGER WOODS PARKWAY, STE. 100
 AURORA, IL 60502
 PHONE: (630) 820-9100 FAX: (630) 820-7600 EMAIL: ADMIN@CLSURVEYING.COM

SCALE: 1" = 30'
V0.1

GENERAL NOTES

- EXISTING SITE TOPOGRAPHY, UTILITIES, RIGHT-OF-WAY AND HORIZONTAL CONTROL SHOWN ON THE DRAWINGS WERE OBTAINED FROM A SURVEY PREPARED BY:
COMPASS SURVEYING
2331 CONGER WOODS PARKWAY, SUITE 100
AURORA, IL 60502
TEL: (630) 820-9100
COPIES OF THE SURVEY ARE AVAILABLE FROM THE ENGINEER. SITE CONDITIONS MAY HAVE CHANGED SINCE THE SURVEY WAS PREPARED. CONTRACTORS TO VISIT SITE TO FAMILIARIZE THEMSELVES WITH THE CURRENT CONDITIONS.
- COPIES OF SOILS INVESTIGATION REPORTS MAY BE OBTAINED FROM THE OWNER. ANY BRACING, SHEETING OR SPECIAL CONSTRUCTION METHODS DEEMED NECESSARY BY THE CONTRACTOR IN ORDER TO INSTALL THE PROPOSED IMPROVEMENTS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE PROJECT. ANY SPECIAL METHODS OR METHODS OF CONSTRUCTION TO BE USED SHALL BE APPROVED BY THE ENGINEER. ALL WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL OBTAIN THE OWNER'S WRITTEN AUTHORIZATION TO ACCESS THE SITE TO CONDUCT A SUPPLEMENTAL SOILS INVESTIGATION.
- THE CONTRACTOR SHALL PHOTOGRAPH THE WORK AREA PRIOR TO CONSTRUCTION FOR THE PURPOSE OF DOCUMENTING EXISTING CONDITIONS.
- EXCEPT WHERE MODIFIED BY THE CONTRACT DOCUMENTS, ALL PROPOSED WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS WHICH ARE HEREBY MADE A PART HEREOF:
 - "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS," AS PREPARED BY IDOT, LATEST EDITION.
 - "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" AS PUBLISHED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA), LATEST EDITION.
 - "ILLINOIS RECOMMENDED STANDARDS FOR SEWAGE WORKS," AS PUBLISHED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA), LATEST EDITION.
 - REGULATIONS, STANDARDS AND GENERAL REQUIREMENTS SET FORTH BY THE MUNICIPALITY, UNLESS OTHERWISE NOTED ON THE PLANS.
 - THE NATIONAL ELECTRIC CODE.
 - ALL APPLICABLE PROVISIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT ARE HEREIN INCORPORATED BY REFERENCE.
- STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND RECURRING SPECIAL PROVISIONS, CONSTRUCTION PLANS, AND SUBSEQUENT DETAILS ARE ALL TO BE CONSIDERED AS PART OF THE CONTRACT. CONTRACTORS SHALL BE RESPONSIBLE TO COMPLETE THE CONTRACTOR'S WORK. WORK MAY NOT BE SPECIFICALLY NOTED, BUT ARE CONSIDERED A PART OF THE CONTRACTOR'S CONTRACT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL ITEMS REQUIRED FOR CONSTRUCTION OF THE PROJECT, AS SHOWN ON THE PLANS, ARE INCLUDED IN THE CONTRACT. ANY ITEM NOT SPECIFICALLY INCLUDED IN THE CONTRACT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN THE EVENT OF A DISCREPANCY WITH THE PLANS AND QUANTITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR HAVING A SET OF "APPROVED" ENGINEERING PLANS WITH THE LATEST REVISION DATE ON THE JOB SITE PRIOR TO THE START OF CONSTRUCTION. IF THERE ARE ANY DISCREPANCIES WITH WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT THEM TO THE SURVEYOR OR ENGINEER BEFORE DOING ANY WORK. OTHERWISE, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR THE CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO STARTING WORK. THE CONTRACTOR, BY USING THESE PLANS FOR WORK, AGREES TO HOLD HARMLESS KIMLEY-HORN AND ASSOCIATES, INC., THE MUNICIPALITY, THEIR ENGINEERS AND AGENTS AND THE OWNER FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, DAMAGES, AND THE COST OF DEFENSE ARISING OUT OF CONTRACTOR(S) PERFORMANCE OF THE WORK DESCRIBED HEREIN.
- THE CONTRACTOR SHALL SUBSCRIBE TO ALL GOVERNING REGULATIONS AND SHALL OBTAIN ALL NECESSARY PUBLIC AGENCY PERMITS PRIOR TO STARTING WORK. THE CONTRACTOR, BY USING THESE PLANS FOR WORK, AGREES TO HOLD HARMLESS KIMLEY-HORN AND ASSOCIATES, INC., THE MUNICIPALITY, THEIR ENGINEERS AND AGENTS AND THE OWNER FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, DAMAGES, AND THE COST OF DEFENSE ARISING OUT OF CONTRACTOR(S) PERFORMANCE OF THE WORK DESCRIBED HEREIN.
- THE ENGINEER AND OWNER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR FOR ANY SPECIAL PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.
- CONSTRUCTION MATERIALS AND/OR EQUIPMENT MAY NOT BE STORED IN THE RIGHT-OF-WAY, AS DIRECTED BY THE OWNER.
- EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHT-OF-WAYS ARE SHOWN ON THE PLANS ACCORDING TO AVAIL RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF THESE UTILITIES LINES AND THEIR PROTECTION FROM DAMAGE DURING CONSTRUCTION. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH LOCATIONS OF THE NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.
- OWNER SHALL OBTAIN EASEMENTS AND APPROVAL OF PERMITS NECESSARY TO FACILITATE CONSTRUCTION OF THE PROPOSED UTILITIES. THE CONTRACTOR, HOWEVER, SHALL FURNISH ALL REQUIRED BONDS AND EVIDENCE OF INSURANCE NECESSARY TO SECURE THESE PERMITS AND EASEMENTS.
- THE CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES UNTIL THEY ARE NO LONGER NEEDED. ANY STAKES DESTROYED OR DISTURBED BY THE CONTRACTOR PRIOR TO THEIR USE SHALL BE RESET BY THE SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- NOTIFICATION OF COMMENCING CONSTRUCTION:
 - THE CONTRACTOR SHALL NOTIFY AFFECTED GOVERNMENTAL AGENCIES IN WRITING AT LEAST THREE FULL WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL NOTIFY ALL TESTING AGENCIES, THE MUNICIPALITY, AND THE OWNER 48-HOURS IN ADVANCE OF CONSTRUCTION.
 - FAILURE OF THE CONTRACTOR TO ALLOW PROPER NOTIFICATION TIME WHICH RESULTS IN THE TESTING COMPANIES TO BE UNABLE TO VISIT THE SITE AND PERFORM TESTING WILL CAUSE THE CONTRACTOR TO SUSPEND THE OPERATION TO BE TESTED UNTIL THE TESTING AGENCY CAN SCHEDULE TESTING OPERATIONS. COST OF SUSPENSION OF WORK SHALL BE BORNE BY THE CONTRACTOR.
- ALL CONTRACTORS SHALL KEEP ACCESS AVAILABLE AT ALL TIMES FOR ALL EMERGENCY TRAFFIC, AS DIRECTED BY THE MUNICIPALITY.
- ANY EXISTING SIGNS, LIGHT STANDARDS, AND UTILITY POLES THAT INTERFERE WITH CONSTRUCTION OPERATIONS AND ARE NOT NOTED ON THE PLANS FOR DISPOSAL SHALL BE REMOVED AND RESET BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE, AS DIRECTED BY THE ENGINEER. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE TO THE SATISFACTION OF THE OWNER. ANY SIGNS NOT REQUIRED TO BE RESET SHALL BE DELIVERED TO THE RESPECTIVE OWNERS.
- ALL TREES TO BE SAVED SHALL BE IDENTIFIED PRIOR TO CONSTRUCTION BY THE LANDSCAPE ARCHITECT AND SHALL BE PROTECTED PER IDOT SECTION 201.05. THE RIGHT-OF-WAY LINE AND LIMITS OF THE CONTRACTOR'S OPERATIONS SHALL BE CLEARLY DEFINED THROUGHOUT THE CONSTRUCTION PERIOD. ALL TREES NOTED TO BE REMOVED SHALL BE REMOVED PRIOR TO CONSTRUCTION. BRANCHES AND ROOTS, NO EXCAVATING, FILLING OR GRADING IS TO BE DONE INSIDE THE DRIP LINE TRACES UNLESS OTHERWISE INDICATED.
- LIME PRUNING SHALL BE PERFORMED UNDER THE SUPERVISION OF AN APPROVED LANDSCAPE ARCHITECT, FORESTER, OR ARBORIST AND SHALL BE PERFORMED IN A MANNER THAT DOES NOT INTERFERE WITH CONSTRUCTION. ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THE CONTRACTOR'S WORK SHALL BE DISPOSED OFF-SITE BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY AND ALL PERMITS NECESSARY FOR THE HAULING AND DISPOSAL REQUIRED FOR CLEANUP, AS DIRECTED BY THE ENGINEER OR OWNER. BURNING ON THE SITE IS NOT PERMITTED.
- ALL EXISTING PAVEMENT OR CONCRETE TO BE REMOVED SHALL BE SAWCUT ALONG LIMITS OF PROPOSED REMOVAL BEFORE COMMENCEMENT OF PAVEMENT REMOVAL.
- ALL EXISTING UTILITIES OR IMPROVEMENTS, INCLUDING WALKS, CURBS, PAVEMENT, AND PARKWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE PROMPTLY RESTORED TO THEIR RESPECTIVE ORIGINAL CONDITION. THE CONTRACTOR'S WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNLESS A PAY ITEM IS LISTED ON THE BID LIST.
- REMOVAL OF SPECIFIED ITEMS, INCLUDING BUT NOT LIMITED TO, PAVEMENT, SIDEWALK, CURB, CURB AND GUTTER, CULVERTS, ETC., SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. THE CONTRACTOR IS RESPONSIBLE FOR ANY PERMITS REQUIRED FOR SUCH DISPOSAL.
- THE CONTRACTOR SHALL COLLECT AND REMOVE ALL CONSTRUCTION DEBRIS, EXCESS MATERIALS, TRASH, OIL AND GREASE RESIDUE, MACHINERY, TOOLS, AND OTHER MISCELLANEOUS ITEMS WHICH WERE NOT PRESENT PRIOR TO PROJECT COMMENCEMENT AT NO ADDITIONAL EXPENSE TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY AND ALL PERMITS NECESSARY FOR THE HAULING AND DISPOSAL REQUIRED FOR CLEANUP, AS DIRECTED BY THE ENGINEER OR OWNER. BURNING ON THE SITE IS NOT PERMITTED.
- NO UNDERGROUND WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE COVERED UNTIL IT HAS BEEN APPROVED BY THE MUNICIPALITY. APPROVAL TO PROCEED MUST BE OBTAINED FROM THE MUNICIPALITY PRIOR TO INSTALLING PAVEMENT BASE, BINDER, AND SURFACE, AND PRIOR TO POURING ANY CONCRETE AFTER FORMS HAVE BEEN SET, AS NECESSARY.
- WHERE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER, EXISTING DRAINAGE STRUCTURES AND PIPE SHALL BE CLEANED OF DEBRIS AND PATCHED IF NECESSARY TO ASSURE INTEGRITY OF THE STRUCTURE. THE CONTRACTOR'S WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE MERGED INTO THE CONTRACT UNIT PRICE EACH FOR STRUCTURES AND CONTRACT UNIT PRICE PER LINEAL FOOT FOR STORM SEWERS, WHICH SHALL BE PAID IN FULL FOR CLEANING, PATCHING, AND REMOVAL AND DISPOSAL OF DEBRIS AND DIRT. DRAINAGE STRUCTURES AND STORM SEWERS CONSTRUCTED AS PART OF THE CONTRACTOR'S PROJECT SHALL BE MAINTAINED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. NO EXTRA PAYMENT WILL BE MADE FOR CLEANING STRUCTURES OR STORM SEWERS CONSTRUCTED AS PART OF THE CONTRACTOR'S PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE ENGINEER DOES NOT WARRANT THE LOCATION OF ANY EXISTING UTILITIES SHOWN ON THE PLANS. THE CONTRACTOR SHALL CALL J.U.I.L.I.E. (1-800-892-0123) AND THE MUNICIPALITY FOR UTILITY LOCATIONS.
- THE GENERAL CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO PROVIDE CABLE TV, PHONE, ELECTRIC, GAS AND IRRIGATION SERVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING SITE LAYOUTS FOR THESE UTILITIES AND SHALL COORDINATE AND PROVIDE CONDUIT CROSSINGS AS REQUIRED. THIS COORDINATION SHALL BE CONSIDERED INCIDENTAL TO GENERAL CONTRACTOR AGREEMENT WITH THE OWNER. ANY CONFLICTS IN UTILITIES SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR IS TO VERIFY ALL EXISTING STRUCTURES AND FACILITIES AT ALL PROPOSED UTILITY CONNECTION LOCATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL AND STARTING WORK.
- ANY FIELD TIES ENCOUNTERED SHALL BE INSPECTED BY THE ENGINEER. THE DRAIN TILE SHALL BE CONNECTED TO THE STORM SEWER SYSTEM AND RECORD KEPT BY THE CONTRACTOR. THE LOCATIONS AND TURNED OVER TO THE ENGINEER UPON COMPLETION OF THE PROJECT. THE COST OF THE CONTRACTOR'S WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

- ALL FRAMES AND LIDS FOR STORM AND SANITARY SEWERS, VALVE VAULT COVERS, FIRE HYDRANTS, AND 8-BOXES ARE TO BE ADJUSTED TO MEET FINISHED GRADE. THE CONTRACTOR'S ADJUSTMENT IS TO BE MADE BY THE SEWER AND WATER CONTRACTOR, AND THE COST IS TO BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ADJUSTMENTS AS REQUIRED BY THE MUNICIPALITY UPON FINAL INSPECTION OF THE PROJECT.
- HYDRANTS SHALL NOT BE FLUSHED DIRECTLY ONTO THE ROAD SURFACES. WHENEVER POSSIBLE, HOSES SHALL BE USED TO DIRECT THE WATER INTO LOT AREAS OR THE STORM SEWER SYSTEM, IF AVAILABLE. DAMAGE TO THE ROAD SURFACE OR LOT GRADING DUE TO EXCESSIVE WATER SATURATION AND/OR EROSION FROM HYDRANT FLUSHING OR LEAKS IN THE WATER DISTRIBUTION SYSTEM WILL BE REPAIRED BY THE CONTRACTOR FLUSHING OR USING THE HYDRANT AT THE CONTRACTOR'S OWN EXPENSE. CLEANING OF THE WATER DISTRIBUTION SYSTEM SHALL BE THE RESPONSIBILITY OF THE WATER MAIN CONTRACTOR AND SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- TRENCH BACKFILL WILL BE REQUIRED TO THE FULL DEPTH ABOVE SEWERS AND WATERMAIN WITHIN TWO (2) FEET HORIZONTAL OF PROPOSED OR EXISTING PAVEMENT.
 - SOFT, SPONGY, OR OTHER UNSUITABLE SOILS WITH UNCONFINED COMPRESSIVE STRENGTH LESS THAN 3.0 TSI ARE ENCOUNTERED AT THE BOTTOM OF THE TRENCH, ALL SUCH MATERIAL SHALL BE REMOVED AND REPLACED WITH WELL-COMPACTED CRUSHED GRANULAR MATERIAL. IF ROCK IS ENCOUNTERED, IT SHALL BE REMOVED TO AT LEAST SIX (6) INCHES BELOW THE BOTTOM OF THE PIPE TO ALLOW PROPER THICKNESS OF BEDDING. ANY UNDERCUTS OF TWO (2) FEET OR LESS SHALL BE REPAIRED TO BE EQUAL TO THE DEPTH OF THE TRENCH. TWO (2) FEET SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PROCEEDING.
 - THE TRENCHES FOR PIPE INSTALLATION SHALL BE KEPT DRY AT ALL TIMES DURING PIPE PLACEMENT. APPROPRIATE FACILITIES TO MAINTAIN THE DRY TRENCH SHALL BE PROVIDED BY THE CONTRACTOR, AND THE COST OF SUCH SHALL BE INCIDENTAL TO THE UNIT PRICE FOR THE ITEM. PLANS FOR THE SITE DETAILING, IF EMPLOYED, SHALL BE SUBMITTED TO AND APPROVED BY THE OWNER PRIOR TO IMPLEMENTATION. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR DETAILED DURING CONSTRUCTION UNLESS APPROVED IN WRITING BY THE ENGINEER.
- AFTER THE STORM SEWER SYSTEM HAS BEEN CONSTRUCTED, THE CONTRACTOR SHALL PLACE PROPER INLET PROTECTION EROSION CONTROL AT LOCATIONS INDICATED BY THE ENGINEER. THE PURPOSE OF THE INLET PROTECTION WILL BE TO MINIMIZE THE AMOUNT OF SILTATION THAT NORMALLY WOULD ENTER THE STORM SEWER SYSTEM FROM ADJACENT AND/OR UPSTREAM DRAINAGE AREAS.
- AT THE CLOSE OF EACH WORKING DAY AND AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.
- EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH IEPA REGULATIONS AND IDOT STANDARDS FOR SOIL EROSION AND SEDIMENTATION CONTROL AND SHALL BE MAINTAINED BY THE CONTRACTOR AND REMAIN IN PLACE UNTIL A SUITABLE GROWTH OF GRASS, ACCEPTABLE TO THE ENGINEER, HAS DEVELOPED.
- THE CONTRACTOR SHALL CONFORM TO ALL EROSION CONTROL REQUIREMENTS AS SET FORTH BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) AND THE MUNICIPALITY. THE CONTRACTOR SHALL REQUIREMENTS AND GOVERNING MUNICIPALITY. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES AS SPECIFIED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE AS WELL AS THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED BY KIMLEY-HORN AND ASSOCIATES, INC. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE PROVISIONS INDICATED IN THE SWPPP AND A MINIMUM INCLUDING EROSION CONTROL MEASURES AND INSPECTION FREQUENCY, AS REQUIRED BY THE IEPA NPDES PHASE II PERMIT PROGRAM REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL SWPPP DOCUMENTATION CURRENT AND READILY AVAILABLE ON THE PROJECT SITE AT ALL TIMES FOR REVIEW BY THE OWNER, ENGINEER, AND REGULATORY AGENCIES. KIMLEY-HORN AND ASSOCIATES, INC. IS NOT RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS OR SUPPLIERS, WHICH CONTRIBUTE TO DEFICIENCIES IN SWPPP OR ANY VIOLATIONS RESULTING FROM INADEQUATE EROSION CONTROL PROTECTION AND/OR DOCUMENTATION.
- THE PAVEMENT SHALL BE KEPT FREE OF MUD AND DEBRIS AT ALL TIMES. IT MAY BE NECESSARY TO KEEP A SWEEPER ON-SITE AT ALL TIMES.
- ALL DISTURBED AREAS OF THE RIGHT-OF-WAY SHALL BE FULLY RESTORED TO PRE-CONSTRUCTION CONDITIONS WITH A MINIMUM OF SIX (6) INCHES OF TOPSOIL, SEEDING, AND MULCH AS PER IDOT STANDARDS.
- ALL PROPOSED GRADES SHOWN ON PLANS ARE FINISHED SURFACE ELEVATIONS, UNLESS NOTED OTHERWISE.
- ALL TESTING SHALL BE THE RESPONSIBILITY AND EXPENSE OF THE CONTRACTOR. IF REQUESTED BY THE MUNICIPALITY OR ENGINEER, COPIES OF ALL TEST RESULTS SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW AND APPROVAL.
- PROVIDE SMOOTH VERTICAL CURVES THROUGH HIGH AND LOW POINTS INDICATED BY SPOT ELEVATIONS. PROVIDE UNIFORM SLOPES BETWEEN NEW AND EXISTING GRADINGS. AVOID RIDGES AND DEPRESSIONS.
- WHEN REQUIRED, THE CONTRACTOR SHALL NOTIFY THE OWNER WHEN RECORD DRAWINGS CAN BE PREPARED. RECORD DRAWINGS SHALL INDICATE THE FINAL LOCATION AND LAYOUT OF THE IMPROVEMENTS, INCLUDING VERIFICATION OF ALL CONCRETE PAVEMENT, CURB, AND POT GRADE ELEVATIONS, AND INCORPORATE ALL FIELD DESIGN CHANGES APPROVED BY THE OWNER.
- BEFORE ACCEPTANCE, ALL WORK SHALL BE INSPECTED BY THE MUNICIPALITY, AS NECESSARY.

EARTHWORK NOTES

- GENERAL
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE SOIL AND GROUNDWATER CONDITIONS AT THE SITE.
 - ANY QUANTITIES IN THE BID PROPOSAL ARE INTENDED AS A GUIDE FOR THE CONTRACTOR'S USE IN DETERMINING THE SCOPE OF THE COMPLETED PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE MATERIAL QUANTITIES AND KNOWLEDGEABLE OF ALL SITE CONDITIONS.
 - THE CONTRACTOR WILL NOTE THAT THE ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS ARE FINISHED GRADE AND THAT PAVEMENT THICKNESS, TOPSOIL, ETC., MUST BE ADJUSTED THEREFOR.
 - THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE DURING CONSTRUCTION AND PREVENT STORMWATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS. THE FAILURE TO PROVIDE PROPER DRAINAGE WILL NEGATE ANY POSSIBLE ADDITIONAL COMPENSATION REQUESTED DUE TO DELAYS OR UNDESIRABLE MATERIALS AS A RESULT THEREOF. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION, AND TRAFFIC.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF THE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES. THE INITIAL ESTABLISHMENT OF EROSION CONTROL PROCEDURES AND THE PLACEMENT OF SILT AND FILTER TRENCHES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. WETLANDS, ETC., SHALL OCCUR BEFORE GRADING BEGINS.
 - PRIOR TO COMMENCEMENT OF GRADING ACTIVITIES, THE CONTRACTOR SHALL ERECT A CONSTRUCTION FENCE AROUND ANY TREE DESIGNATED TO BE PRESERVED. SAID FENCE SHALL BE PLACED IN A CIRCLE CENTERED AROUND THE TREE. THE DIAMETER OF WHICH SHALL BE SUCH THAT THE ENTIRE DRIP ZONE (EXTENT OF FURTHERST BRANCHES) SHALL BE WITHIN THE FENCE LIMITS. THE EXISTING GRADE WITHIN THE FENCED AREA SHALL NOT BE DISTURBED.
- TOPSOIL EXCAVATION INCLUDES:
 - EXCAVATION OF TOPSOIL AND OTHER STRUCTURALLY UNSUITABLE MATERIALS WITHIN THOSE AREAS THAT WILL REQUIRE EARTH EXCAVATION OR COMPACTED FILL MATERIAL. EXISTING VEGETATION SHALL BE REMOVED PRIOR TO STRIPPING TOPSOIL OR FILLING AREAS.
 - PLACEMENT OF EXCAVATED MATERIAL IN OWNER-DESIGNATED AREAS FOR FUTURE USE WITHIN AREAS TO BE LANDSCAPED AND THOSE AREAS NOT REQUIRING STRUCTURAL FILL MATERIAL. PROVIDE NECESSARY EROSION CONTROL MEASURES FOR STOCKPILE.
 - TOPSOIL STOCKPILED FOR RESPEAD SHALL BE FREE OF CLAY AND SHALL NOT CONTAIN ANY OF THE TRANSITIONAL MATERIAL BETWEEN THE TOPSOIL AND CLAY. THE TRANSITIONAL MATERIAL SHALL BE USED IN NON-STRUCTURAL FILL AREAS OR DISPOSED OF OFF-SITE.
 - TOPSOIL RESPEAD SHALL INCLUDE HAULING AND SPREADING SIX (6) INCHES OF TOPSOIL DIRECTLY OVER AREAS TO BE LANDSCAPED WHERE SHOWN ON THE PLANS OR AS DIRECTED BY THE OWNER.
- Moderate compaction is required in non-structural fill areas.
- EARTH EXCAVATION INCLUDES:
 - EXCAVATION OF SUBSURFACE MATERIALS WHICH ARE SUITABLE FOR USE AS STRUCTURAL FILL. THE EXCAVATION SHALL BE TO WITHIN A TOLERANCE OF 0.1 FEET OF THE PLAN SUBGRADE ELEVATIONS WHILE MAINTAINING PROPER DRAINAGE. THE TOLERANCE IN VERTICAL ELEMENT AREAS SHALL BE SUCH THAT THE EARTH MATERIALS SHALL "BALANCE" DURING THE FINE GRADING OPERATION.
 - PLACEMENT OF SUITABLE MATERIALS SHALL BE WITHIN THOSE AREAS REQUIRING STRUCTURAL FILL IN ORDER TO ACHIEVE THE PLAN SUBGRADE ELEVATIONS TO WITHIN A TOLERANCE OF 0.1 FEET. THE FILL MATERIAL SHALL BE PLACED IN LIFTES THAT SHALL NOT EXCEED EIGHT (8) INCHES IN THICKNESS, AND THE WATER CONTENT SHALL BE ADJUSTED IN ORDER TO ACHIEVE REQUIRED COMPACTION.
 - STRUCTURAL FILL MATERIAL MAY BE PLACED WITHIN THOSE PORTIONS OF THE SITE NOT REQUIRING STRUCTURAL FILL, WITHIN SIX (6) INCHES OF THE PLAN FINISHED GRADE ELEVATION. IN AREAS WHERE STRUCTURAL FILL IS REQUIRED, HOWEVER, THIS MATERIAL SHALL NOT BE USED TO REMOVE SAID MATERIAL OR OTHER UNSUITABLE MATERIALS UNLESS SPECIFICALLY DIRECTED BY A SOILS ENGINEER WITH THE CONCURRENCE OF THE OWNER.
- MISCELLANEOUS. THE CONTRACTOR SHALL:
 - SPREAD AND COMPACT UNIFORMLY TO THE DEGREE SPECIFIED ALL EXCESS TRENCH SPOL AFTER COMPLETION OF THE UNDERGROUND IMPROVEMENTS.
 - SCARIFY, DISC, AERATE, AND COMPACT, TO THE DEGREE SPECIFIED, THE UPPER TWELVE (12) INCHES OF THE SUITABLE SUBGRADE MATERIAL IN ALL AREAS THAT MAY BE SOFT DUE TO EXCESS MOISTURE. CONTENT, THIS APPLIES TO CUT AREAS AS WELL AS FILL AREAS.
 - ADD WATER TO DRY MATERIAL IN ORDER TO ADJUST THE MOISTURE CONTENT FOR THE PURPOSE OF ACHIEVING THE SPECIFIED COMPACTION.
 - BACKFILL THE CURB AND GUTTER AFTER ITS CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE MATERIAL.
 - TESTING AND FINAL ACCEPTANCE
 - THE CONTRACTOR SHALL PROVIDE AS A MINIMUM A FULLY LOADED SIX-WHEEL TANDEM AXLE TRUCK FOR PROOF ROLLING THE PAVEMENT. THE PAVEMENT SHALL BE TESTED WITH A LIGHTER AXLE TRUCK AND THE BASE MATERIAL, THIS SHALL BE WITNESSED BY THE TESTING ENGINEER AND THE OWNER. (SEE PAVING SPECIFICATION.)
 - ANY UNSUITABLE AREA ENCOUNTERED AS A RESULT OF PROOF ROLLING SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL OR OTHERWISE CORRECTED AND APPROVED BY THE ENGINEER.

PAVING NOTES

- GENERAL
 - PAVING WORK INCLUDES FINAL SUBGRADE, PREPARATION, AND COMPACTION; PLACEMENT OF SUBBASE OR BASE COURSE MATERIALS; BITUMINOUS BINDER AND/OR SURFACE COURSES; FORMING, FINISHING, AND CURING CONCRETE PAVEMENT, CURBS, AND WALKS; AND FINAL CLEAN-UP AND ALL RELATED WORK.
 - COMPACTION REQUIREMENTS [REFERENCE ASTM D-1557 (MODIFIED PROCTOR)] FOR SUBGRADE, SUBBASE, AGGREGATE BASE COURSE, AND BITUMINOUS COURSES SHALL MEET ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) HIGHWAY STANDARDS.
 - IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE PROPER BARRICADING WARNING DEVICES, AND THE SAFE MANAGEMENT OF TRAFFIC WITHIN THE AREA OF CONSTRUCTION. ALL SUCH DEVICES AND THEIR INSTALLATION SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION, AND IN ACCORDANCE WITH THE MUNICIPALITY CODE.
 - SUBGRADE PREPARATION
 - EARTHWORK FOR PROPOSED PAVEMENT SUBGRADE SHALL BE FINISHED TO WITHIN 0.1 FOOT, PLUS OR MINUS, OF PLAN ELEVATION. THE CONTRACTOR SHALL CONFIRM THAT THE SUBGRADE HAS BEEN PROPERLY PREPARED AND THAT THE FINISHED TOP SUBGRADE ELEVATION HAS BEEN GRADDED WITHIN TOLERANCES ALLOWED IN THESE SPECIFICATIONS. UNLESS THE CONTRACTOR ADVISES THE ENGINEER IN WRITING PRIOR TO FINE GRADING FOR BASE COURSE CONSTRUCTION, IT IS UNDERSTOOD THAT THE CONTRACTOR HAS APPROVED AND ACCEPTS THE RESPONSIBILITY FOR THE SUBGRADE.
 - PRIOR TO THE PLACEMENT OF THE BASE COURSE, THE SUBGRADE MUST BE PROOF-ROLLED AND INSPECTED FOR UNSUITABLE MATERIALS AND/OR EXCESSIVE MOVEMENT. IF UNSUITABLE SUBGRADE IS ENCOUNTERED, IT SHALL BE CORRECTED. THIS MAY INCLUDE ONE OR MORE OF THE FOLLOWING CONSTRUCTION METHODS APPROVED BY THE ENGINEER:
 - SCARIFY, DISC, AND AERATE.
 - REMOVE AND REPLACE WITH STRUCTURAL CLAY FILL.
 - REMOVE AND REPLACE WITH GRANULAR MATERIAL.
 - USE OF GEOTEXTILE FABRIC:
MAXIMUM DEFLECTION ALLOWED IN ISOLATED AREAS MAY BE ONE-QUARTER (1/4) INCH TO ONE-HALF (1/2) INCH IF NO DEFLECTION OCCURS OVER THE MAJORITY OF THE AREA.
 - PRIOR TO THE CONSTRUCTION OF THE CURB AND GUTTER AND THE PLACEMENT OF THE BASE MATERIAL, THE PAVEMENT AREA SHALL BE FINE-GRADED TO WITHIN 0.04 FEET (1/2 INCH) OF FINAL SUBGRADE ELEVATION, TO A POINT TWO (2) FEET BEYOND THE BACK OF THE CURB, SO AS TO ENSURE THE PROPER THICKNESS OF PAVEMENT COURSES. NO CLAIMS FOR EXCESS QUANTITY OF BASE MATERIALS DUE TO IMPROPER SUBGRADE PREPARATION WILL BE HONORED.
 - PRIOR TO PLACEMENT OF THE BASE COURSE, THE SUBGRADE SHALL BE APPROVED BY THE TESTING ENGINEER.
- CONCRETE WORK
 - ALL EXTERIOR CONCRETE SHALL BE PORTLAND CEMENT CONCRETE WITH AIR ENTRAINMENT OF NOT LESS THAN FIVE (5%) OR MORE THAN EIGHT (8%) PERCENT. CONCRETE SHALL BE A MINIMUM OF SIX (6) INCHES THICK. THE MINIMUM COMPRESSIVE STRENGTH SHALL BE A MINIMUM OF 4,000 PSI. CONCRETE SHALL BE BROOM-FINISHED PERPENDICULAR TO THE DIRECTION OF TRAVEL.
 - CONCRETE CURB AND/OR COMBINATION CURB AND GUTTER SHALL BE OF THE TYPE SHOWN ON THE PLANS. THE CONTRACTOR IS CAUTIONED TO REFER TO THE CONSTRUCTION STANDARDS AND THE SPECIFICATIONS FOR CURB AND GUTTER. THE GUTTER FLAG THICKNESS AND THE AGGREGATE BASE COURSE THICKNESS BENEATH THE CURB AND GUTTER, PRE-MIXED FIBER EXPANSION JOINTS, WITH A MINIMUM OF TWO (2) INCHES OF EPOXY-COATED STEEL DOG BARS, SHALL BE GREASED AND FITTED WITH METAL EXPANSION TUBES.
 - CONCRETE SHALL BE DEEPSUED AND MEET THE SLOPE REQUIREMENTS OF THE ILLINOIS ACCESSIBILITY CODE AT LOCATIONS WHERE PUBLIC WALKS INTERSECT CURB LINES AND OTHER LOCATIONS, AS DIRECTED, FOR THE PURPOSE OF PROVIDING ACCESSIBILITY.
 - THE CURBS SHALL BE BACKFILLED AFTER THEIR CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE.
 - CONCRETE SIDEWALK SHALL BE IN ACCORDANCE WITH THE ABOVE AND THE PLANS. PROVIDE SCORED JOINTS TO CONFORM TO THE REQUIREMENTS OF AASHTO M 229 AND M 294. PIPE AND FITTINGS SHALL BE MADE FROM VIRGIN PE COMPOUNDS WHICH CONFORM TO THE REQUIREMENTS OF CELL CLASS 324420C AS DEFINED AND DESCRIBED IN ASTM D 3350. RUBBER GASKET JOINTS SHALL BE USED.
 - CONCRETE CURING AND PROTECTION SHALL BE PER IDOT STANDARDS. TWO (2) COATS OF IDOT APPROVED CURING AGENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES.
 - THE COST OF AGGREGATE BASE OR SUBBASE UNDER CONCRETE WORK SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE CONCRETE ITEM.
- FLEXIBLE PAVEMENT
 - THE PAVEMENT MATERIALS FOR BITUMINOUS STREETS, PARKING LOTS, AND DRIVE AISLES SHALL BE AS DETAIL ON THE PLANS. UNLESS OTHERWISE SHOWN ON THE PLANS, THE FLEXIBLE PAVEMENTS SHALL CONSIST OF AGGREGATE BASE COURSE, TYPE B, HMA BINDER COURSE, TYPE B, HMA BINDER COURSE, TYPE B, SURFACE COURSE, MIX 550, OF THE THICKNESS AND MATERIALS SPECIFIED ON THE PLANS. THICKNESSES SPECIFIED SHALL BE CONSIDERED TO BE THE MINIMUM COMPACTED THICKNESS.
 - ALL TRAFFIC SHALL BE KEPT OFF THE COMPLETED AGGREGATE BASE UNTIL THE BINDER COURSE IS COMPLETELY FINISHED. THE BINDER COURSE SHALL BE UNIFORMLY PRIME COATED AT A RATE OF 0.4 TO 0.6 GALLONS PER SQUARE YARD PRIOR TO PLACING THE BINDER COURSE. PRIME COAT MATERIALS SHALL BE IDOT APPROVED.
 - PRIOR TO PLACEMENT OF THE SURFACE COURSE, THE BINDER COURSE SHALL BE CLEANED AND TACK-COATED IF DUSTY OR DIRTY. ALL DAMAGED AREAS IN THE BINDER, BASE, OR CURB SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER PRIOR TO LAYING THE SURFACE COURSE. THE CONTRACTOR SHALL PROVIDE MAINTENANCE EQUIPMENT AND STAFF NECESSARY, INCLUDING THE USE OF UNSUITABLE MATERIALS IF REQUIRED BY THE OWNER, TO PREPARE THE SURFACE COURSE. THE TACK COAT SHALL BE UNIFORMLY APPLIED TO THE BINDER COURSE AT A RATE OF 0.05 TO 0.10 GALLONS PER SQUARE YARD. TACK COAT SHALL BE AS PER IDOT STANDARDS.
 - SEAMS IN BAW, BINDER, AND SURFACE COURSE SHALL BE STAGGERED A MINIMUM OF 6 INCHES.
 - TESTING AND FINAL ACCEPTANCE.
- THE CONTRACTOR SHALL FOLLOW THE QUALITY CONTROL TESTING PROGRAM FOR CONCRETE AND PAVEMENT MATERIALS ESTABLISHED BY THE MATERIALS/TESTING ENGINEER.
- PRIOR TO PLACEMENT OF THE BITUMINOUS CONCRETE SURFACE COURSE, THE CONTRACTOR, WHEN REQUIRED BY THE MUNICIPALITY, SHALL OBTAIN SPECIMENS OF THE BINDER COURSE WITH A CORE DRILL WHERE DIRECTED, FOR THE PURPOSE OF THICKNESS VERIFICATION.
- WHEN REQUIRED BY THE MUNICIPALITY, THE CONTRACTOR SHALL OBTAIN SPECIMENS OF THE FULL DEPTH BITUMINOUS CONCRETE PAVEMENT STRUCTURE WITH A CORE DRILL WHERE DIRECTED, IN ORDER TO CONFIRM THE PLAN THICKNESS. DEFICIENCIES IN THICKNESS SHALL BE ADJUSTED FOR BY THE METHOD REQUIRED BY IDOT STANDARDS.
- FINAL ACCEPTANCE OF THE TOTAL PAVEMENT INSTALLATION SHALL BE SUBJECT TO THE TESTING AND CHECKING REQUIREMENTS CITED ABOVE.
- ALL MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE MUNICIPALITY CODE. WHEN CONFLICTS ARISE BETWEEN MUNICIPAL CODE, GENERAL NOTES AND SPECIFICATIONS, THE MORE STRINGENT SHALL TAKE PRECEDENCE.

SIGNAGE AND PAVEMENT MARKING NOTES

- ALL SIGNING AND PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) STANDARDS.
- SIGNS: SIGNS SHALL BE CONSTRUCTED OF 0.080-INCH THICK FLAT ALUMINUM PANELS WITH REFLECTORIZED LEGEND ON THE FACE. LEGEND SHALL BE IN ACCORDANCE WITH THE MUTCD.
- POSTS: SIGN POSTS SHALL BE A HEAVY-DUTY STEEL "U" SHAPED CHANNEL WEIGHING 3.0 POUNDS/FOOT, SUCH AS A TYPE B METAL POST, AS PER THE IDOT STANDARDS (OR 2-INCH PERFORATED STEEL TUBE).
- SIGNS AND POSTS SHALL BE INSTALLED IN ACCORDANCE WITH IDOT STANDARDS.
- PAVEMENT MARKINGS: ALL PAVEMENT MARKINGS IN THE PUBLIC RIGHT-OF-WAY, SUCH AS STOP LINES, CENTERLINES, CROSOWALKS, AND DIRECTIONAL ARROWS, SHALL BE REFLECTORIZED THERMOPLASTIC ON ASPHALT AND MODIFIED URETHANE ON CONCRETE OR AS APPROVED BY IDOT.
- PAVEMENT MARKINGS ON BICYCLE PATHS, PARKING LOT STALLS, AND SIMILAR "LOW-SPEED" APPLICATIONS, SHALL BE PAINTED OR THERMOPLASTIC WITH IDOT STANDARDS.
- COLOR, WIDTH, STYLE, AND SIZE OF ALL MARKINGS SHALL BE IN ACCORDANCE WITH THE MUTCD AND LOCAL CODE. STANDARD PARKING SPACES SHALL BE PAINTED WHITE OR YELLOW PER LOCAL CODE.
- THERMOPLASTIC MARKINGS SHALL BE INSTALLED WHEN THE PAVEMENT TEMPERATURE IS 55 DEGREES FAHRENHEIT AND RISING. PAINT MARKINGS MAY BE INSTALLED WHEN THE AIR TEMPERATURE IS 50 DEGREES FAHRENHEIT AND RISING. MODIFIED URETHANE MARKINGS SHALL BE INSTALLED DURING CONDITIONS OF DRY WEATHER AND WHEN THE PAVEMENT TEMPERATURE IS 40 DEGREES FAHRENHEIT AND RISING.

ADA GENERAL NOTES

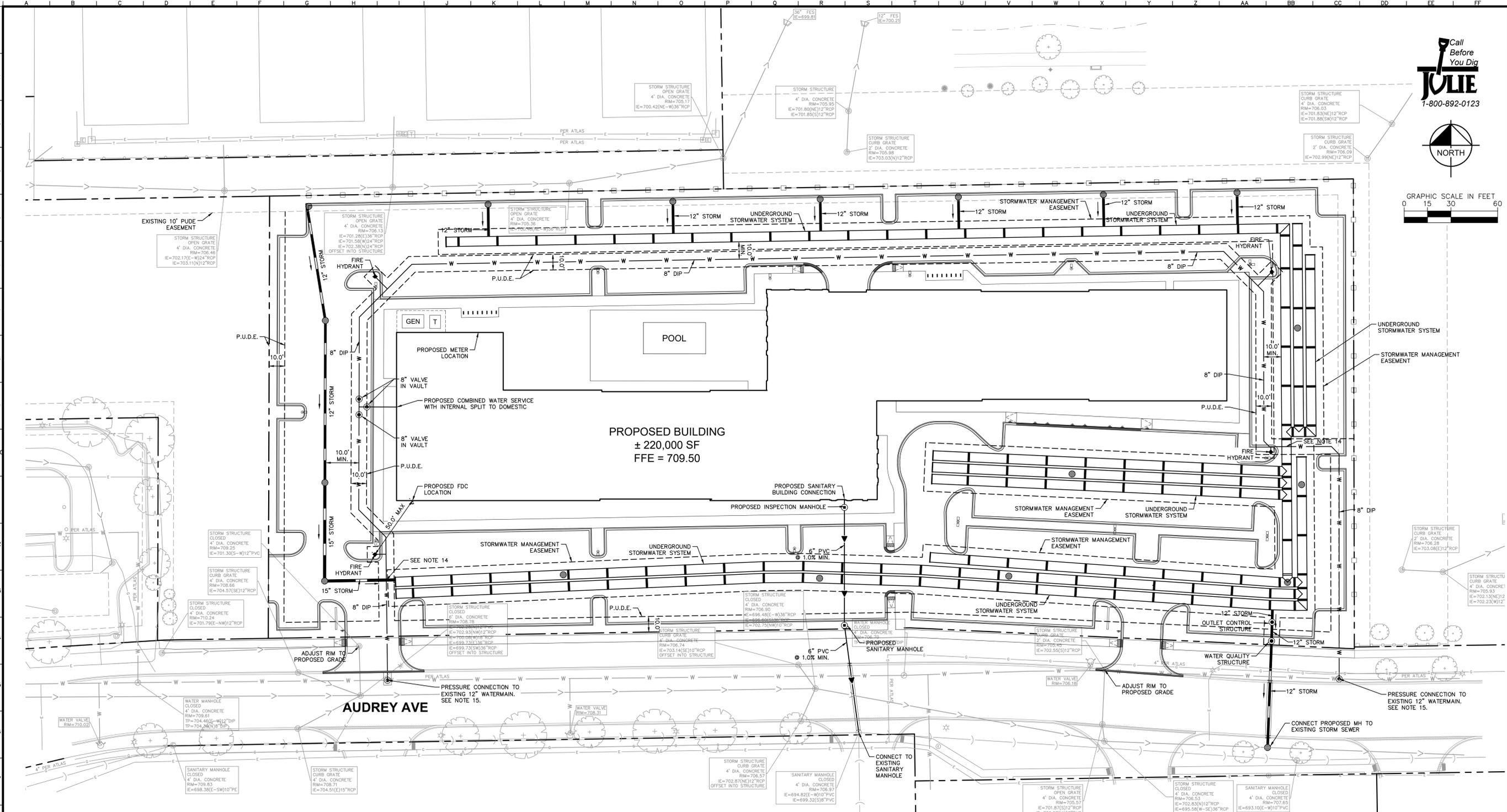
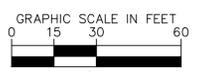
- CURB RAMPS ALONG PUBLIC STREETS AND IN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS OF THE AUTHORITY HAVING JURISDICTION.
- ALL ACCESSIBLE ROUTES, GENERAL SITE AND BUILDING ELEMENTS, RAMPS, CURB RAMPS, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION.
- ANY COMPONENTS OF THE PROJECT SERVING MULTI-FAMILY DWELLINGS IN BUILDINGS THAT HAVE (4) OR MORE UNITS PER DWELLING SHALL ALSO CONFORM TO THE FAIR HOUSING ACT (FHA), AND COMPLY WITH THE FAIR HOUSING ACT DESIGN MANUAL BY THE US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT.
- BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA AND FHA) EXIST TO AND FROM EVERY DOOR AND ALONG SIDEWALKS. ACCESSIBLE PARKING SPACES, ACCESSIBLE AISLES, AND ACCESSIBLE ROUTES, IN NO CASE SHALL AN ACCESSIBLE RAMP HAVE A SLOPE OF MORE THAN 1:12 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL A CROSS SLOPE EXCEED 2.0 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPES EXCEED 5.0 PERCENT. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2.0 PERCENT SLOPE IN ANY DIRECTION.
- CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT. CONTRACTOR SHALL VERIFY THAT ADA COMPLIANCE REQUIREMENTS CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA SLOPE COMPLIANCE ISSUES.

STORM SEWER NOTES

- STORM SEWER PIPE: ALL STORM SEWER PIPE MATERIAL, SIZE AND TYPE SHALL BE INSTALLED AS INDICATED ON THE UTILITY PLAN. UNLESS OTHERWISE NOTED ON THE PLANS, ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE PIPE. IN DISCREPANCY WITH IDOT STANDARD SPECIFICATIONS FOR DETERMINING PIPE CLASS AND CONFORMING TO ASTM C76. ANY CHANGES TO THE PIPE MATERIAL, SIZE AND TYPE MUST BE APPROVED BY THE OWNER, ENGINEER AND MUNICIPALITY PRIOR TO ORDERING MATERIAL. INSTALLING THE PIPE. ALL STORM SEWER PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING:

PIPE SIZE	CODE	PIPE MATERIAL
12"-60"	RDPE	REINFORCED CONCRETE PIPE (ASTM C76); SEE IDOT SP3CS FOR PIPE CLASS
36"-48"	HDPE	POLYETHYLENE CHLORIDE PLASTIC PIPE SDR=26 (ASTM D3034 AND D2241)
36"-48"	HDPE	HIGH DENSITY POLYETHYLENE PIPE
36"-48"	DIP	DUCTILE IRON PIPE, CLASS 52 (ANSI 21.51 AND AWMA C151)
- BAND-SAW OR SIMILAR COUPLING SHALL BE USED WHEN JOINING SEWER PIPES OF DISSIMILAR MATERIALS.
- ALL FOOTING DRAIN DISCHARGE PIPES AND DOWN SPOUTS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
- CONSTRUCTION: ALL STORM SEWERS ARE TO BE CONSTRUCTED USING A LASER INSTRUMENT TO MAINTAIN LINE AND GRADE.
- COVER: THE CONTRACTOR SHALL MAINTAIN AT LEAST TWO (2) FEET OF COVER OVER THE TOP OF SHALLOW PIPES AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL MOUND OVER ANY PIPES THAT HAVE LESS THAN TWO (2) FEET OF COVER DURING CONSTRUCTION UNTIL THE AREA IS FINAL GRADED OR PAVED.
- STRUCTURES: MANHOLE, CATCH BASIN, AND INLET BOTTOMS SHALL BE PRECAST CONCRETE SECTIONAL UNITS OR MONOLITHIC CONCRETE. MANHOLES AND CATCH BASINS SHALL BE A MINIMUM OF FOUR (4) FEET IN DIAMETER. MANHOLES SHALL BE CONSTRUCTED TO THE PLANS. STRUCTURE JOINTS SHALL BE SEALED WITH "O" RING OR BUTYL ROPE. A MAXIMUM OF TWELVE (12) INCHES OF ADJUSTING RINGS SHALL BE USED.
- A CONCRETE BENCH TO DIRECT FLOWS SHALL BE CONSTRUCTED IN THE BOTTOM OF ALL INLETS AND MANHOLES.
- THE FRAME, GATE, AND/OR CLOSED LID SHALL BE CAST IRON OF THE STYLE SHOWN ON THE PLANS.
- CLEANING: THE STORM SEWER SYSTEM SHALL BE THOROUGHLY CLEANED PRIOR TO FINAL INSPECTION AND TESTING.
- THE STORM SEWER SHALL BE TESTED IF REQUIRED BY THE MUNICIPALITY.
- MANHOLES, CATCH BASINS, INLETS, FRAMES, GRATES, AND OTHER STRUCTURES SHALL BE CONSTRUCTED OF THE TYPE, STYLE, AND SIZE AS SET FORTH WITH THE ORDINANCES AND STANDARDS OF THE MUNICIPALITY.
- ALL PVC PIPES CONNECTED TO REINFORCED CONCRETE PIPE SHALL BE CORED AND BOOTED PER THE MUNICIPALITY REQUIREMENTS.
- NO CONNECTION TO AN EXISTING PUBLIC STORM SEWER MAY BE MADE WITHOUT PERMISSION OF THE CITY ENGINEER.
- THE CONTRACTOR SHALL REPAIR ANY EXISTING FIELD DRAINAGE TILE DAMAGED DURING CONSTRUCTION AND PROPERLY REROUTED AND/OR CONNECT SAID TILE TO THE NEAREST STORM SEWER OUTLET. ALL LOCATIONS OF ENCOUNTERED FIELD DRAINAGE TILE SHALL BE PROPERLY INDICATED ON THE CONTRACTOR'S RECORD DRAWINGS.
- THE FOLLOWING MATERIALS ARE PERMITTED FOR STORM SEWER AND PIPE CULVERTS, WHERE A PARTICULAR MATERIAL IS SPECIFIED IN THE PLANS OR SPECIAL PROVISIONS, NO OTHER KIND OF MATERIAL WILL BE PERMITTED:
 - REINFORCED CONCRETE PIPE (RCP) - REINFORCED CONCRETE PIPE SHALL CONFORM TO ASTM C76 AND THE REQUIREMENTS OF AASHTO M 229 AND M 294. PIPE AND FITTINGS SHALL BE MADE FROM VIRGIN PE COMPOUNDS WHICH CONFORM TO THE REQUIREMENTS OF CELL CLASS 324420C AS DEFINED AND DESCRIBED IN ASTM D 3350. RUBBER GASKET JOINTS SHALL BE USED.
 - HIGH DENSITY POLYETHYLENE PIPE (HDPE) - HIGH-DENSITY POLYETHYLENE (HDPE) PIPE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 229 AND M 294. PIPE AND FITTINGS SHALL BE MADE FROM VIRGIN PE COMPOUNDS WHICH CONFORM TO THE REQUIREMENTS OF CELL CLASS 324420C AS DEFINED AND DESCRIBED IN ASTM D 3350. RUBBER GASKET JOINTS SHALL BE USED.
 - BEEDING, OTHER THAN CONCRETE EMBEDEDMENT, SHALL CONSIST OF GRAVEL, CRUSHED GRAVEL, OR CRUSHED STONE 1/4 INCH TO 1 INCH IN SIZE, AS A MINIMUM. THE MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF IDOT STANDARD SPECIFICATIONS. THE GRADATION SHALL CONFORM TO GRADATION CA-7 OR CA-11 OF THE STANDARD SPECIFICATIONS.
- BACKFILL MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF IDOT STANDARD SPECIFICATIONS. THE GRADATION SHALL CONFORM TO GRADATION CA-6 WITH THE STANDARD SPECIFICATIONS. BACKFILL MATERIAL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- JOINTS CONNECTING DISSIMILAR PIPE MATERIALS SHALL BE MADE WITH SEWER CLAMP NON-SHEAR TYPE COUPLINGS; CASCADE CSS, ROMAC LSS, FERRO, INC. SHEAR RING, OR APPROVED EQUAL. WHEN AVAILABLE, A STANDARD JOINT WITH A TRANSITION GASKET MAY BE USED. THE NAME OF THE MANUFACTURER, CLASS, AND TYPE OF COUPLING SHALL BE SHOWN ON THE PLANS. SECTIONS OF PIPE. THE CONTRACTOR SHALL ALSO SUBMIT BILLS OF LADING, OR OTHER QUALITY ASSURANCE DOCUMENTATION WHEN REQUESTED BY THE CITY ENGINEER. ALL NUTS AND BOLTS FOR COUPLINGS SHALL BE STAINLESS STEEL.
- MANHOLES FOR STORM SEWERS SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES AND SHALL BE CONSTRUCTED OF PRECAST CONCRETE UNITS IN ACCORDANCE WITH ASTM C478-05 (OR LATEST EDITION) AND SHALL CONFORM TO THE CITY OF NAPERVILLE STANDARD DETAIL. ALL MANHOLES SHALL BE WATER-TIGHT. ALL VISIBLE LEAVES SHALL BE SEALED IN A MANNER ACCEPTABLE TO THE CITY ENGINEER.
- MANHOLES SHALL BE FURNISHED WITH A SELF-SEALING FRAME AND SOLID COVER (EAST JORDAN IRON WORKS 1022 WITH TYPE A SOLID COVER, OR APPROVED EQUAL) WITH THE WORD "STORM" IMPRINTED ON THE COVER IN RAISED LETTERS. ALL FRAMES AND LIDS SHALL MEET OR EXCEED AASHTO H-20 LOADING SPECIFICATIONS. FRAMES SHALL BE FINISHED WITH ASPHALTIC BASE PAINT. BOTH THE MANHOLE FRAME AND COVER SHALL HAVE MACHINED HORIZONTAL AND VERTICAL BEARING SURFACES. INVOLVED MANHOLE FRAMES ARE NOT ALLOWED; PICK HOLES SHALL NOT CREATE OPENINGS IN THE MANHOLE COVER.
- MANHOLE STEPS ON MAXIMUM 16 INCH CENTER SHALL BE FURNISHED WITH EACH MANHOLE, SECURELY ANCHORED IN PLACE, TRUE TO VERTICAL ALIGNMENT, IN ACCORDANCE WITH THE NAPERVILLE STANDARD DETAILS. STEPS SHALL BE COPOLYMER POLYPROPYLENE REINFORCED WITH 1/2 INCH 45/51/815M-05A (OR LATEST EDITION) GRADE 60 STEEL REINFORCEMENT, MEETING OR EXCEEDING ASTM C 478-

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1		12/15/25	TRW

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UTILITY PLAN

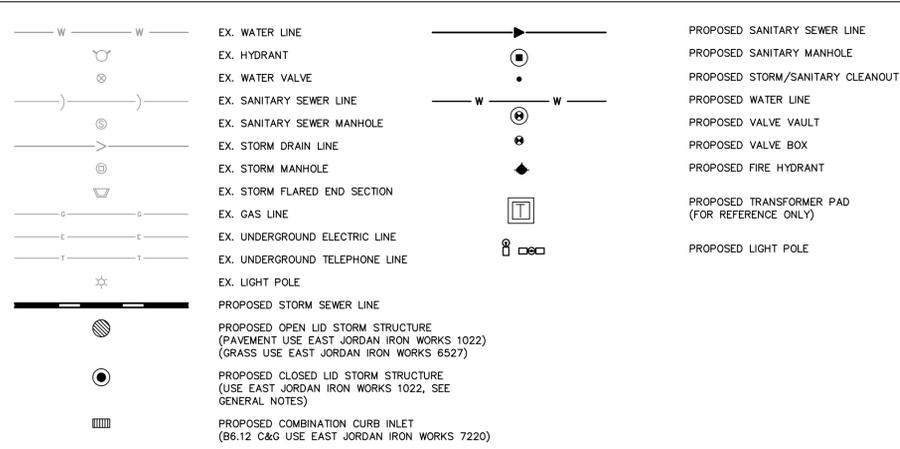
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UTILITY NOTES

- ALL WATER LINES ≥ 3" SHALL BE DUCTILE IRON PIPE, CLASS 52.
- ALL SANITARY SEWER LINES SHALL BE PVC MEETING ASTM D-3034 SDR 26 EXCEPT FOR SANITARY SEWER THAT CROSSES ABOVE WATER MAIN. THIS PIPE SHALL BE AWWA C900 (UNLESS WATER MAIN CASING IS UTILIZED). PROVIDE 42" MINIMUM COVER.
- CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
- ALL ELECTRIC AND TELEPHONE EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATED WITH THE DESIGNATED UTILITY COMPANIES.
- CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE GOVERNING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.
- CONTRACTOR TO CALL "JULIE" (1-800-892-0123) TO COORDINATE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES BEFORE ORDERING MATERIALS OR COMMENCING CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
- PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OTHER UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM THE ENGINEER AND THE OWNER/DEVELOPER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION. THE ENGINEER AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION. THE MUNICIPALITY SHALL BE NOTIFIED OF ANY AND ALL CHANGES TO THE DESIGN PLANS.
- CONTRACTOR SHALL COMPLY COMPLETELY WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF PROTECTION. THIS IS TO INCLUDE, BUT NOT LIMITED TO, ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH PERFORMANCE CRITERIA AS REQUIRED BY OSHA.
- CONTRACTOR TO AVOID DISRUPTION OF ANY ADJACENT TENANT'S TRAFFIC OPERATIONS DURING INSTALLATION OF UTILITIES.
- ALL DIMENSIONS ARE TO CENTERLINE OF PIPE OR CENTER OF MANHOLE UNLESS NOTED OTHERWISE.
- SEE ARCHITECTURAL PLANS FOR EXACT UTILITY CONNECTION LOCATIONS AT BUILDING.
- STORMWATER FACILITIES MUST BE FUNCTIONAL BEFORE BUILDING CONSTRUCTION BEGINS IF REQUIRED BY AUTHORITY HAVING JURISDICTION.
- NO MORE THAN 12 INCHES OF VERTICAL ADJUSTMENT MAY BE MADE USING THE MINIMUM PRACTICAL NUMBER OF INDIVIDUAL RINGS. ALL RINGS SHALL BE HIGH DENSITY POLYETHYLENE PLASTIC (HDPE), RECYCLED RUBBER, HIGH DENSITY EXPANDING POLYSTYRENE, EXPANDING POLYPROPYLENE (EPP), OR OTHER MATERIAL AS APPROVED BY THE CITY ENGINEER. PRECAST CONCRETE RINGS, BRICKS, ROCKS, SMS OR CONCRETE BLOCKS ARE NOT ALLOWED.
- A MINIMUM OF 18" VERTICAL SEPARATION IS REQUIRED BETWEEN WATER MAINS AND SEWERS. IF THE SEWER WILL PASS OVER THE WATER MAIN, CASING PIPE OR WMQ SEWER PIPE IS REQUIRED.
- CONTRACTOR TO VERIFY EXISTING WATERMAIN SIZE, LOCATION, AND DEPTH IN FIELD PRIOR TO ORDERING MATERIALS.

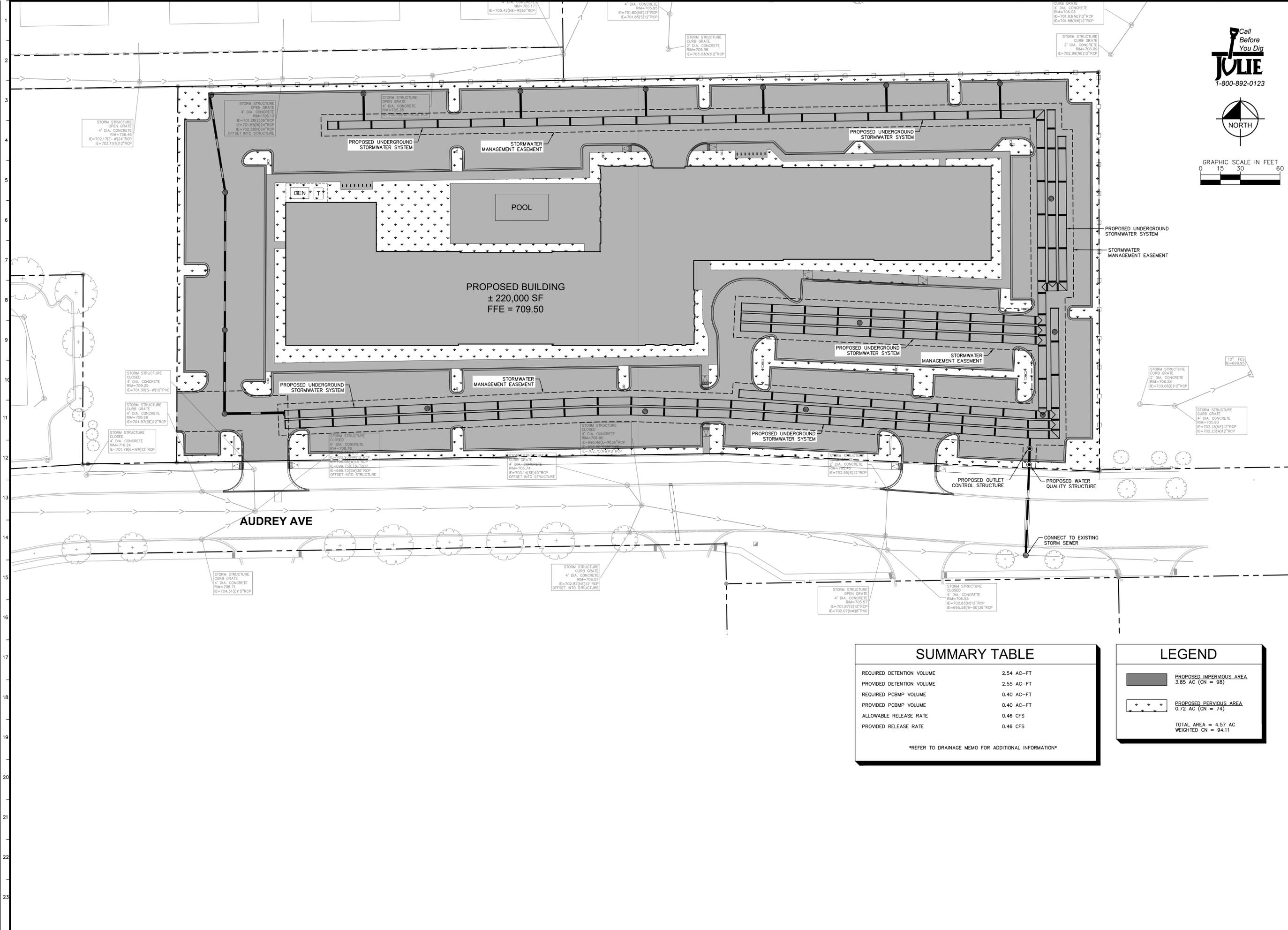
UTILITY LEGEND



DEPARTMENT OF PUBLIC UTILITIES - ELECTRIC GENERAL NOTES

- THE DEVELOPER SHALL SUPPLY THE DPU-E ENGINEER WITH CATALOG CUTS FOR ALL CT/METER EQUIPMENT (INCLUDING BUT NOT LIMITED TO METER SOCKETS, PT CABINET, CT CABINET, DISCONNECT CABINET) AND TRANSFORMER PAD/VAULT. THE CATALOG CUTS SHALL BE APPROVED BY DPU-E PRIOR TO PURCHASING. THE CT/METER CABINET SHALL BE TOP FED. CT/METER EQUIPMENT ARE LONG LEAD TIME ITEMS AND DPU-E SHALL NOT BE HELD RESPONSIBLE FOR DELAYS RESULTING FROM NON-COMPLIANT CT/METER EQUIPMENT. PLEASE PROVIDE NAME AND CONTACT INFORMATION FOR ELECTRICAL CONTRACTOR FOR THIS PROJECT.
- DPU-E WILL PROVIDE, INSTALL, AND MAINTAIN THE TRANSFORMERS, ALL PRIMARY (15KV) CABLE AND CONDUIT, AND THE METERS AND INSTRUMENT TRANSFORMERS. DPU-E WILL ALSO MAKE THE FINAL CONNECTIONS IN THE TRANSFORMERS ONCE THE INSPECTION IS COMPLETE AND THE BUILDING IS READY TO BE ENERGIZED. THE DEVELOPER IS RESPONSIBLE FOR PROVIDING, INSTALLING, AND MAINTAINING THE TRANSFORMER PAD/VAULT, ALL SERVICE LATERAL (480V) CABLE AND CONDUIT. THE SERVICE ENTRANCE EQUIPMENT INCLUDING THE CT/METER CABINET AND ALL BANKED METER SOCKETS.
- THE DEVELOPER SHALL COORDINATE SITE CONSTRUCTION WITH DPU-E TO ALLOW THE CITY OF NAPERVILLE MUNICIPAL CODE, WHICH REQUIRES A CONSTRUCTION FEES PAYMENT FOR INSTALLATION OF ELECTRIC FACILITIES. GRADE ELEVATION MUST BE WITHIN 4" OF FINAL GRADING BEFORE ELECTRIC FACILITIES CAN BE INSTALLED.
- ELECTRIC FACILITIES SHALL BE INSTALLED PURSUANT TO SECTION 8-10C-3 OF THE CITY OF NAPERVILLE MUNICIPAL CODE, WHICH REQUIRES A CONSTRUCTION FEES PAYMENT FOR INSTALLATION OF ELECTRIC FACILITIES.
- AT ALL TIMES, THE CUSTOMER SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING A SUITABLE APPROACH TO THE METER LOCATION, WITH NO OBSTRUCTIONS WITHIN FOUR (4) FEET OF THE FRONT AND TWO (2) FEET OF THE SIDES OF THE METER. PER NAPERVILLE SERVICE RULES AND POLICIES 22.2.F.
- CLEARANCE TO TRANSFORMER PAD SHALL BE 5' FROM ALL SIDES, 10' FROM FRONT, AND THE AREA ABOVE MUST BE COMPLETELY CLEAR OF OBSTRUCTION. NO TREES, SHRUBS, OR OTHER OBSTACLES WILL BE ALLOWED WITHIN THIS AREA. TRANSFORMER PAD SHALL MAINTAIN MINIMUM CLEARANCE OF 20' FROM EGRESS POINTS. PER DPUE SPECIFICATIONS C10-2130 AND C30-0016.
- TO HAVE AN EXISTING SERVICE DISCONNECTED CALL THE CITY DISPATCH OFFICE AT 630-420-6187. PLEASE ALLOW AT LEAST 24 HOURS NOTICE. METERS AND METER SEALS ARE TO BE REMOVED ONLY BY DPU-E PERSONNEL. THE LOCATION AND TYPE OF NEW OR REPLACEMENT METER RELATED EQUIPMENT MUST BE PRE-APPROVED IN WRITING BY DPU-E. AN ELECTRIC SERVICE MUST BE INSPECTED BY THE DEVELOPMENT SERVICES TEAM ELECTRICAL INSPECTOR PRIOR TO CONNECTION.
- LABEL ALL METER SOCKETS WITH THE COMPLETE ADDRESS IN 1" LETTERS USING PERMANENT STICKERS. IN MULTIPLE METER BANKS, THE COMPLETE ADDRESS MAY BE ON THE DISCONNECT SWITCH AND THE SUITE NUMBERS ON THE METER SOCKETS. THE ELECTRICAL SERVICE EQUIPMENT WILL NOT PASS INSPECTION WITHOUT APPROPRIATE ADDRESS LABELING.
- APPROVAL OF METERING EQUIPMENT BY DPU-E DOES NOT REMOVE YOUR RESPONSIBILITY TO COMPLY WITH THE LATEST VERSION OF THE NATIONAL ELECTRICAL CODE AS ADOPTED BY THE CITY OF NAPERVILLE. DETERMINATION OF COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE WILL BE MADE BY THE TRANSPORTATION, ENGINEERING AND DEVELOPMENT DEPARTMENT.
- A CUSTOMER'S GROUNDING CONDUCTOR SHALL NOT BE CONNECTED TO DPU-E DISTRIBUTION EQUIPMENT.
- DPU-E WILL INSTALL AND ENERGIZE ALL METERS IN A MULTIPLE METER BANK AT ONE TIME. PROVIDED ALL METER SOCKETS PASS INSPECTION. IN THE EVENT OF AN INCOMPLETE INSTALLATION, ONLY THE INSPECTED AND APPROVED EQUIPMENT SHALL BE ENERGIZED AND A METER INSTALLED. INDIVIDUAL TENANT PERMITS WILL BE REQUIRED FOR INSTALLATION OF THE OTHER METERS IN THE METER BANK.

Drawing name: K:\GIS_DEVELOPMENT\268929000_Bridge CP_Audrey Ave Multi-Utility_Naperville_IL_V Design\CAD\PlanSheets\Preliminary Engineering\C5.0 - STORMWATER PLAN.dwg
 C5.0 Dec 15, 2025 10:52am by Taylor Westhoff
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NORTH

GRAPHIC SCALE IN FEET
 0 15 30 60

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 NAPERVILLE, IL 60563
 PHONE: 630-487-2550
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SCALE: AS NOTED
 DESIGNED BY: TRW
 DRAWN BY: TRW
 CHECKED BY: TRE

NO.	REVISIONS	DATE	BY
1		12/15/25	TRW

STORMWATER PLAN

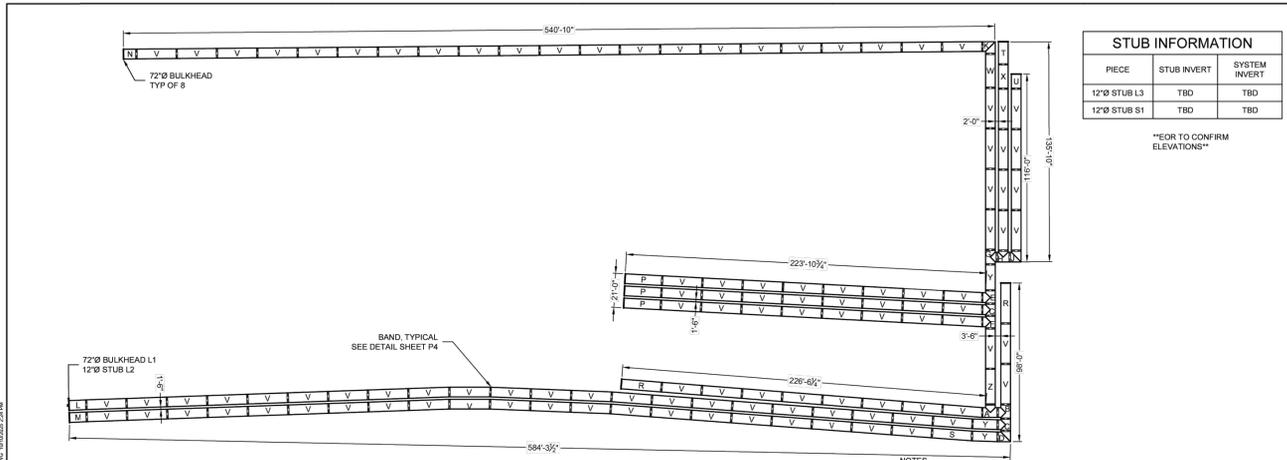
BRIDGE CAPITAL PARTNERS, INC.
 THE ATLAS DEVELOPMENT
 2839 AUDREY AVE
 NAPERVILLE, IL 60540

ORIGINAL ISSUE:
 10/17/25
 KHA PROJECT NO.
 268929000
 SHEET NUMBER
C5.0

SUMMARY TABLE	
REQUIRED DETENTION VOLUME	2.54 AC-FT
PROVIDED DETENTION VOLUME	2.55 AC-FT
REQUIRED PCBMP VOLUME	0.40 AC-FT
PROVIDED PCBMP VOLUME	0.40 AC-FT
ALLOWABLE RELEASE RATE	0.46 CFS
PROVIDED RELEASE RATE	0.46 CFS

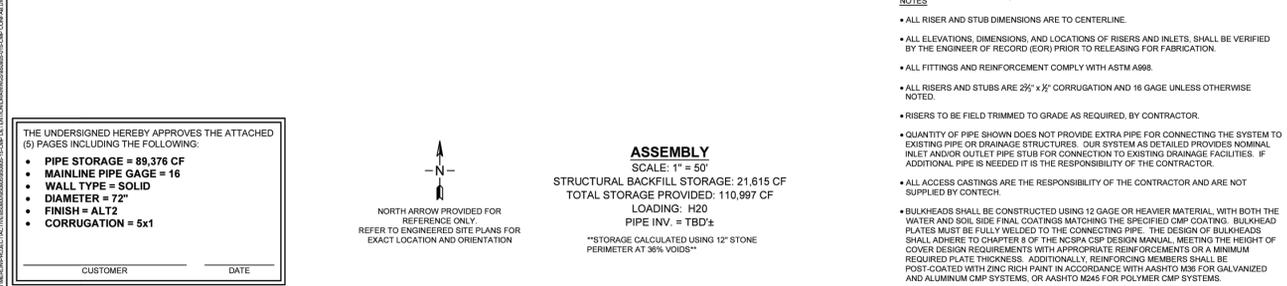
REFER TO DRAINAGE MEMO FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED IMPERVIOUS AREA 3.85 AC (CN = 98)
	PROPOSED PERVIOUS AREA 0.72 AC (CN = 74)
TOTAL AREA = 4.57 AC WEIGHTED CN = 94.11	



PIECE	STUB INVERT	SYSTEM INVERT
12" STUB L3	TBD	TBD
12" STUB S1	TBD	TBD

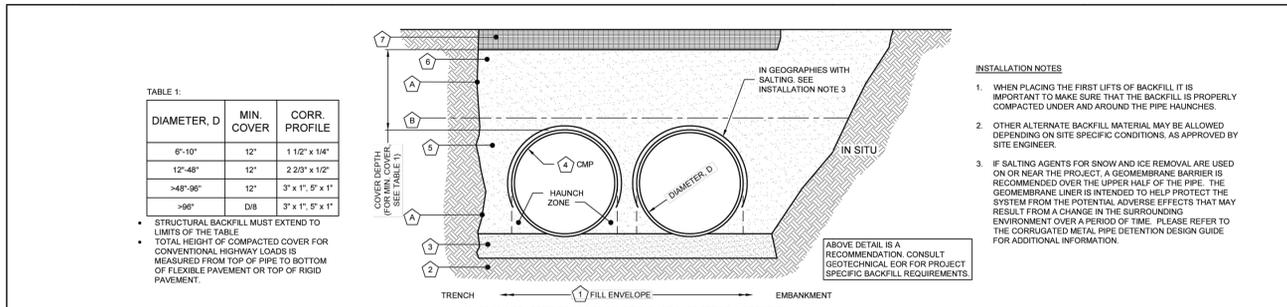
"EOR TO CONFIRM ELEVATIONS"



ASSEMBLY
SCALE: 1" = 50"
STRUCTURAL BACKFILL STORAGE: 21,615 CF
TOTAL STORAGE PROVIDED: 110,997 CF
LOADING: H2O
PIPE INV. = TBD ±
STORAGE CALCULATED USING 12" STONE PERIMETER AT 36% VOIDS

THE UNDERSIGNED HEREBY APPROVES THE ATTACHED (5) PAGES INCLUDING THE FOLLOWING:
 • PIPE STORAGE = 89,376 CF
 • MAINLINE PIPE GAGE = 16
 • WALL TYPE = SOLID
 • DIAMETER = 72"
 • FINISH = ALT2
 • CORRUGATION = 5x1

				72" Ø XFILTRATION RENTION SYSTEM - 850805-015 AUDREY AVE-NAPERVILLE NAPERVILLE, IL SITE DESIGNATION: UNDERGROUND DETENTION		PROJECT NO. 850805 SEQ. NO. 015 DATE: 5/2/2025
DESIGNED BY: CEU	DRAWN BY: CEU	CHECKED BY: MSB	APPROVED BY: CEU			
SHEET NO. P1 OF 5		SHEET NO. P2 OF 5				

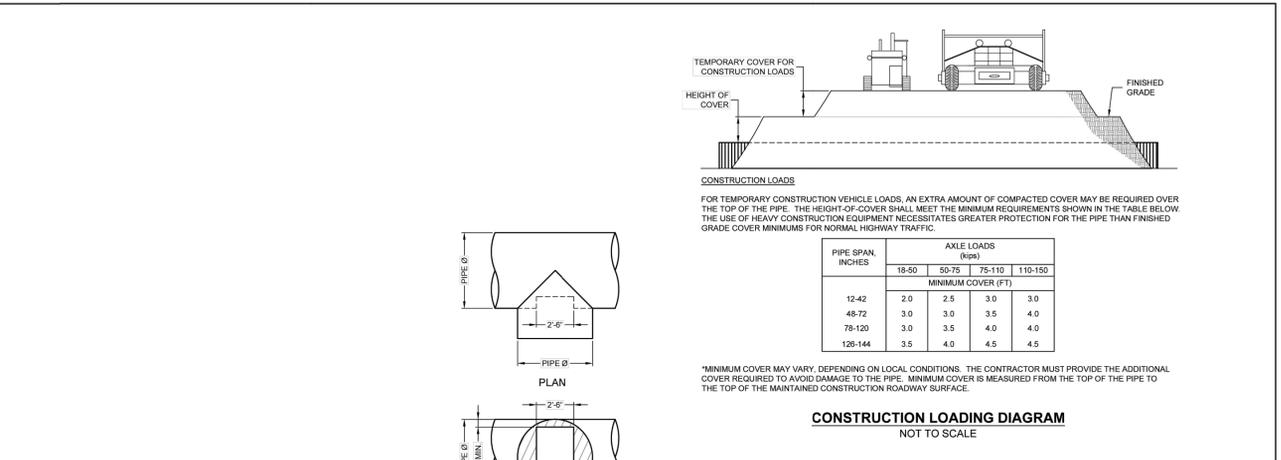


MATERIAL LOCATION	MATERIAL SPECIFICATION	DESCRIPTION
1 FILL ENVELOPE WIDTH	PER ENGINEER OF RECORD	MINIMUM TRENCH WIDTH MUST ALLOW ROOM FOR PROPER COMPACTION OF HAUNCH MATERIALS UNDER THE PIPE. THE SUGGESTED MINIMUM TRENCH WIDTH, OR EOR RECOMMENDATION: PIPE < 24" - 3' D PIPE 24" - 144" - 4' D PIPE > 144" - 100"
2 FOUNDATION	AAASHTO 26.5.2 - PER ENGINEER OF RECORD	PRIOR TO PLACING THE BEDDING, THE FOUNDATION MUST BE CONSTRUCTED TO A UNIFORM AND STABLE GRADE. IN THE EVENT THAT UNSUITABLE FOUNDATION MATERIALS ARE ENCOUNTERED DURING EXCAVATION, THEY SHALL BE REMOVED AND FOUNDATION BROUGHT BACK TO GRADE WITH A FILL MATERIAL APPROVED BY THE ENGINEER OF RECORD.
3 BEDDING	AAASHTO M 43: 3, 357, 4, 467, 5, 56, 57	ENGINEER OF RECORD TO DETERMINE IF BEDDING IS REQUIRED. PIPE MAY BE PLACED ON THE TRENCH BOTTOM OF A RELATIVELY LOOSE, NATIVE SUITABLE WELL GRADED GRANULAR MATERIAL THAT IS ROUGHLY SHAPED TO FIT THE BOTTOM OF THE PIPE. 2" MIN DEPTH. THE BEDDING MATERIAL MAY BE SUITABLE OPEN GRADED GRANULAR BEDDING CONFORMING TO AASHTO SOIL CLASSIFICATIONS A1, A2, OR A3 WITH MAXIMUM PARTICLE SIZE OF 3" PER AASHTO 26.3.1.
4 CORRUGATED METAL PIPE		HAUNCH ZONE MATERIAL SHALL BE HAND SHOVELED OR SHOVEL SLICED INTO PLATE TO ALLOW FOR PROPER COMPACTION WITHOUT SOFT SPOTS. BACKFILL SHALL BE PLACED IN 4" LOOSE LIFTS AND COMPACTED TO 90% STANDARD PROCTOR PER AASHTO 1.99. BACKFILL SHALL BE PLACED SUCH THAT THERE IS NO MORE THAN A TWO LIFT (16") DIFFERENTIAL BETWEEN ANY OF THE PIPES AT ANY TIME DURING THE BACKFILL PROCESS. THE BACKFILL SHOULD BE ADVANCED ALONG THE LENGTH OF THE SYSTEM TO AVOID DIFFERENTIAL LOADING. WHERE CONVENTIONAL COMPACTION TESTING IS NOT PRACTICAL, THE MATERIAL SHALL BE MECHANICALLY COMPACTED UNTIL NO FURTHER YIELDING OF MATERIAL IS OBSERVED UNDER THE COMPACTOR. **IN AREAS WITH HIGH WATER TABLE FLUCTUATIONS THAT INTERACT WITH THE PIPE ZONE, CONSIDER INSTALLING A GEOTEXTILE SEPARATION LAYER TO PREVENT SOIL MIGRATION.
5 BACKFILL	FREE-DRAINING ANGLIAR, WASHED-STONE PER AAASHTO M 43: 3, 357, 4, 467, 5, 56, 57 OR APPROVED EQUAL *	COVER MATERIAL MAY INCLUDE NON-BITUMINOUS, GRANULAR ROADBASE MATERIAL WITHIN MIN COVER LIMITS
6 COVER MATERIAL	UP TO MIN. COVER - AAASHTO M 146: A-1, A-2, A-3 ABOVE MIN. COVER - PER ENGINEER OF RECORD	FLEXIBLE PAVEMENT SHOULD NOT BE COUNTED AS PART OF THE FILL HEIGHT OVER THE CMP. FINAL BACKFILL MATERIAL, SELECTION AND COMPACTION REQUIREMENTS SHALL FOLLOW THE PROJECT PLANS AND SPECIFICATIONS PER THE ENGINEER OF RECORD.
7 RIGID OR FLEXIBLE PAVEMENT (IF APPLICABLE)	PER ENGINEER OF RECORD	GEOTEXTILE LAYER IS RECOMMENDED ON SIDES OF EXCAVATION TO PREVENT SOIL MIGRATION WHEN STONE BEDDING IS USED. IF NO STONE BEDDING IS USED, THEN SIDE GEOTEXTILE IS REQUIRED.
8 SIDE GEOTEXTILE	NONE	IF SOIL TYPES DIFFER AT ANY POINT ABOVE PIPE INVERT, A GEOTEXTILE LAYER IS RECOMMENDED TO BE PLACED BETWEEN THE LAYERS TO PREVENT SOIL MIGRATION.
9 GEOTEXTILE BETWEEN LAYERS	NONE	

NOTES:
 • FOR MULTIPLE BARREL INSTALLATIONS, THE RECOMMENDED STANDARD SPACING BETWEEN PARALLEL PIPE RUNS SHALL BE THE PIPE DIAMETER 2 BUT NO LESS THAN 12" FOR DIAMETERS < 72". FOR 72" AND LARGER DIAMETERS, THE MINIMUM SPACING IS 36". CONTACT YOUR CONTECH REPRESENTATIVE FOR NONSTANDARD SPACING.
 • APPROVED REGIONAL EQUIVALENTS FOR SECTION 5 INCLUDE CA-7, MIDOT 6AA, 6A, OR SG, PROVIDED THEY MEET THE PARTICLE SIZES INDICATED.

MANUFACTURER RECOMMENDED BACKFILL
NOT TO SCALE

				72" Ø XFILTRATION RENTION SYSTEM - 850805-015 AUDREY AVE-NAPERVILLE NAPERVILLE, IL SITE DESIGNATION: UNDERGROUND DETENTION		PROJECT NO. 850805 SEQ. NO. 015 DATE: 5/2/2025
DESIGNED BY: CEU	DRAWN BY: CEU	CHECKED BY: MSB	APPROVED BY: CEU			
SHEET NO. P1 OF 5		SHEET NO. P4 OF 5				



PIPE SPAN, INCHES	AXLE LOADS (KIPS)			
	19-50	50-75	75-110	110-150
12-42	2.0	2.5	3.0	3.0
48-72	3.0	3.0	3.5	4.0
78-120	3.0	3.5	4.0	4.0
126-144	3.5	4.0	4.5	4.5

CONSTRUCTION LOADING DIAGRAM
NOT TO SCALE

TYPICAL MANWAY DETAIL
NOT TO SCALE

SPECIFICATION FOR CORRUGATED STEEL PIPE-ALUMINIZED TYPE 2 STEEL

SCOPE
THIS SPECIFICATION COVERS THE MANUFACTURE AND INSTALLATION OF THE CORRUGATED STEEL PIPE (CSP) DETAILED IN THE PROJECT PLANS.

MATERIAL
THE ALUMINIZED TYPE 2 STEEL COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M274 OR ASTM A829.

PIPE
THE CSP SHALL BE MANUFACTURED IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF AASHTO M36 OR ASTM A790. THE PIPE SIZES, GAGES AND CORRUGATIONS SHALL BE AS SHOWN ON THE PROJECT PLANS.

HANDLING AND ASSEMBLY
SHALL BE IN ACCORDANCE WITH RECOMMENDATIONS OF THE NATIONAL CORRUGATED STEEL PIPE ASSOCIATION (NCSPA).

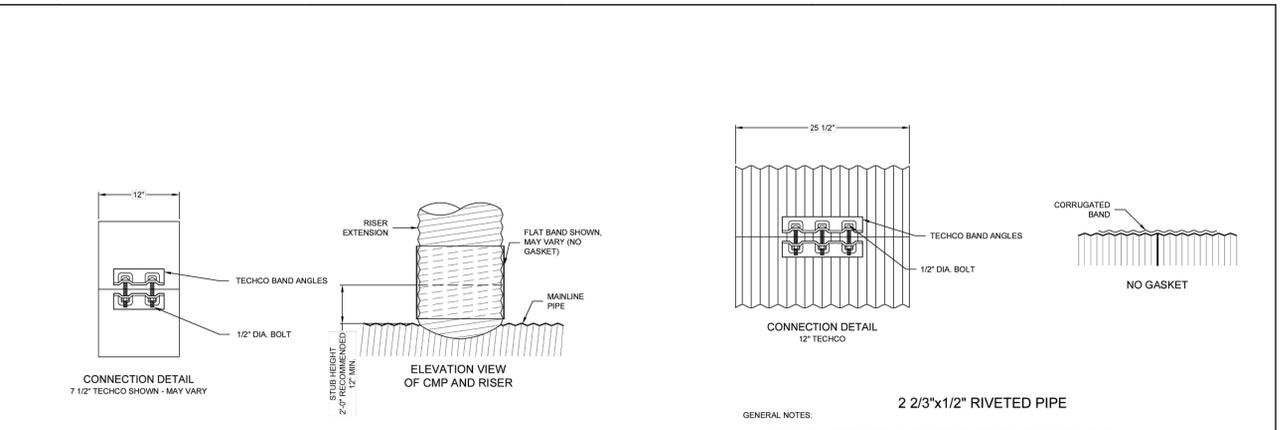
INSTALLATION
SHALL BE IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, SECTION 26, DIVISION II OR ASTM A796 AND IN CONFORMANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. IF THERE ARE ANY INCONSISTENCIES OR CONFLICTS THE CONTRACTOR SHOULD DISCUSS AND RESOLVE WITH THE SITE ENGINEER.

IT IS ALWAYS THE RESPONSIBILITY OF THE CONTRACTOR TO FOLLOW OSHA GUIDELINES FOR SAFE PRACTICES.

ANTI-FLOTATION PROVISIONS DUE TO HIGH GROUNDWATER OR OTHER FLotation CONCERNS ARE SITE SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.

MATERIAL SPECIFICATION
NOT TO SCALE

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SHEET NO. P1 OF 5		SHEET NO. P2 OF 5				



PLAIN END CMP RISER PIPE
NOT TO SCALE

GENERAL NOTES:

- DELIVERED BAND STYLE AND FASTENER TYPE MAY VARY BY FABRICATION PLANT.
- JOINT IS TO BE ASSEMBLED PER AASHTO BRIDGE CONSTRUCTION SPECIFICATION SEC 26.4.2.
- BAND MATERIAL AND GAGE TO BE SAME AS RISER MATERIAL.
- IF RISER HAS A HEIGHT OF COVER OF 10' OR MORE, USE A SLIP JOINT.
- BANDS ARE NORMALLY FURNISHED AS FOLLOWS:
 - 12" THRU 48" 1-PIECE
 - 54" 2-PIECES
- ALL RISER JOINT COMPONENTS WILL BE FIELD ASSEMBLED.
- MANHOLE RISERS IN APPLICATIONS WHERE TRAFFIC LOADS ARE IMPOSED REQUIRE SPECIAL DESIGN CONSIDERATIONS.
- DIMENSIONS SUBJECT TO MANUFACTURING TOLERANCES.

12" RISER BAND DETAIL
NOT TO SCALE

				72" Ø XFILTRATION RENTION SYSTEM - 850805-015 AUDREY AVE-NAPERVILLE NAPERVILLE, IL SITE DESIGNATION: UNDERGROUND DETENTION		PROJECT NO. 850805 SEQ. NO. 015 DATE: 5/2/2025
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		2839 AUDREY AVE NAPERVILLE, IL 60540		PROJECT NO. 850805 SEQ. NO. 015 DATE: 5/2/2025	
DESIGNED BY: TRW	DRAWN BY: TRW	CHECKED BY: TRE			
SHEET NO. P1 OF 5		SHEET NO. P4 OF 5			

ORIGINAL ISSUE:
 10/17/25
 KHA PROJECT NO.
 268929000
 SHEET NUMBER
 C5.1

Drawing name: K:\GIS\DEV\268929000_Bridge CP_Audrey Ave MultiPointy_Naperville_IL_V Design\CAD\PlanSheets\Preliminary Engineering\C5.0 - STORMWATER PLAN.dwg C5.2 Dec 15, 2025 10:42am by Taylor Westenhoff
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XFILTRATION BAND		
DIAMETER	BAND	FASTENER
12"Ø TO 60"Ø	5-C OR H-12	STD. PLANT FASTENER WITH NO GASKET
66"Ø TO 96"Ø	5-C OR H-12	STD. PLANT FASTENER WITH NO GASKET
102"Ø +	5-C, 10-C OR H-12	STD. PLANT FASTENER WITH NO GASKET

XFILTRATION JOINT DETAIL
NOT TO SCALE

ACCESS CASTING NOT SUPPLIED BY CONTECH

SECTION A-A

PLAN VIEW

NOTES:

1. REINFORCED CONCRETE COLLAR SHALL BE SIZED AND DESIGNED BY ENGINEER OF RECORD SO THAT THE LOADS ARE TRANSMITTED TO THE SOIL AND NOT THE RISER.
2. REINFORCED CONCRETE COLLAR SHALL BE SIZED TO PROVIDE AN ADEQUATE BOTTOM AREA BASED ON THE ALLOWABLE BEARING CAPACITY OF THE SOIL.
3. THE FLEXIBLE JOINT MATERIAL (RECYCLED VINYL OR EQUIVALENT) TO BE STIFF ENOUGH SO THAT THE CONCRETE CAN NEVER ENGAGE WITH THE RISER CORRUGATIONS.

MANHOLE CAP DETAIL
NOT TO SCALE

CONTECH
ENGINEERED SOLUTIONS LLC
A Division of

3100 Centre Pointe Dr., Suite 400, West Chester, OH 45069
900-338-1122 613-645-7000 613-645-7993 FAX

72"Ø XFILTRATION RENTION SYSTEM - 850805-015
AUDREY AVE-NAPERVILLE
NAPERVILLE, IL
SITE DESIGNATION: UNDERGROUND DETENTION

PROJECT NO.	850805	REV. NO.	015	DATE	6/2/2025
DESIGNED BY	CEU	DRAWN BY	CEU	CHECKED BY	MSB
APPROVED BY	CEU	DATE			
SHEET NO.		P5 OF 5			

PLAN VIEW B-B
NOT TO SCALE.

ELEVATION A-A
NOT TO SCALE.

CDS2020-5-C DESIGN NOTES

CDS2020-5-C STANDARD CONFIGURATION IS SHOWN.

SITE SPECIFIC DATA REQUIREMENTS			
STRUCTURE ID			
WATER QUALITY FLOW RATE (CFS OR L/S)			
PEAK FLOW RATE (CFS OR L/S)			
RETURN PERIOD OF PEAK FLOW (YRS)			
SCREEN APERTURE (2400 OR 4700)			
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE 1			
INLET PIPE 2			
OUTLET PIPE			
RIM ELEVATION			
ANTI-FLOTATION BALLAST	WIDTH	HEIGHT	
NOTES/SPECIAL REQUIREMENTS:			
* PER ENGINEER OF RECORD			

FRAME AND COVER
(DIAMETER VARIES)
NOT TO SCALE

GENERAL NOTES

1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.conteches.com
3. CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
4. STRUCTURE SHALL MEET AASHTO HS20-100 LOAD RATING, ASSUMING EARTH COVER OF 0'-2" AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M208 AND BE CAST WITH THE CONTECH LOGO.
5. IF REQUIRED, PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.
6. CDS STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 AND AASHTO LOAD FACTOR DESIGN METHOD.

INSTALLATION NOTES

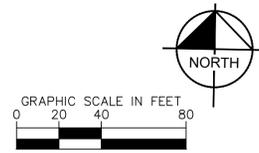
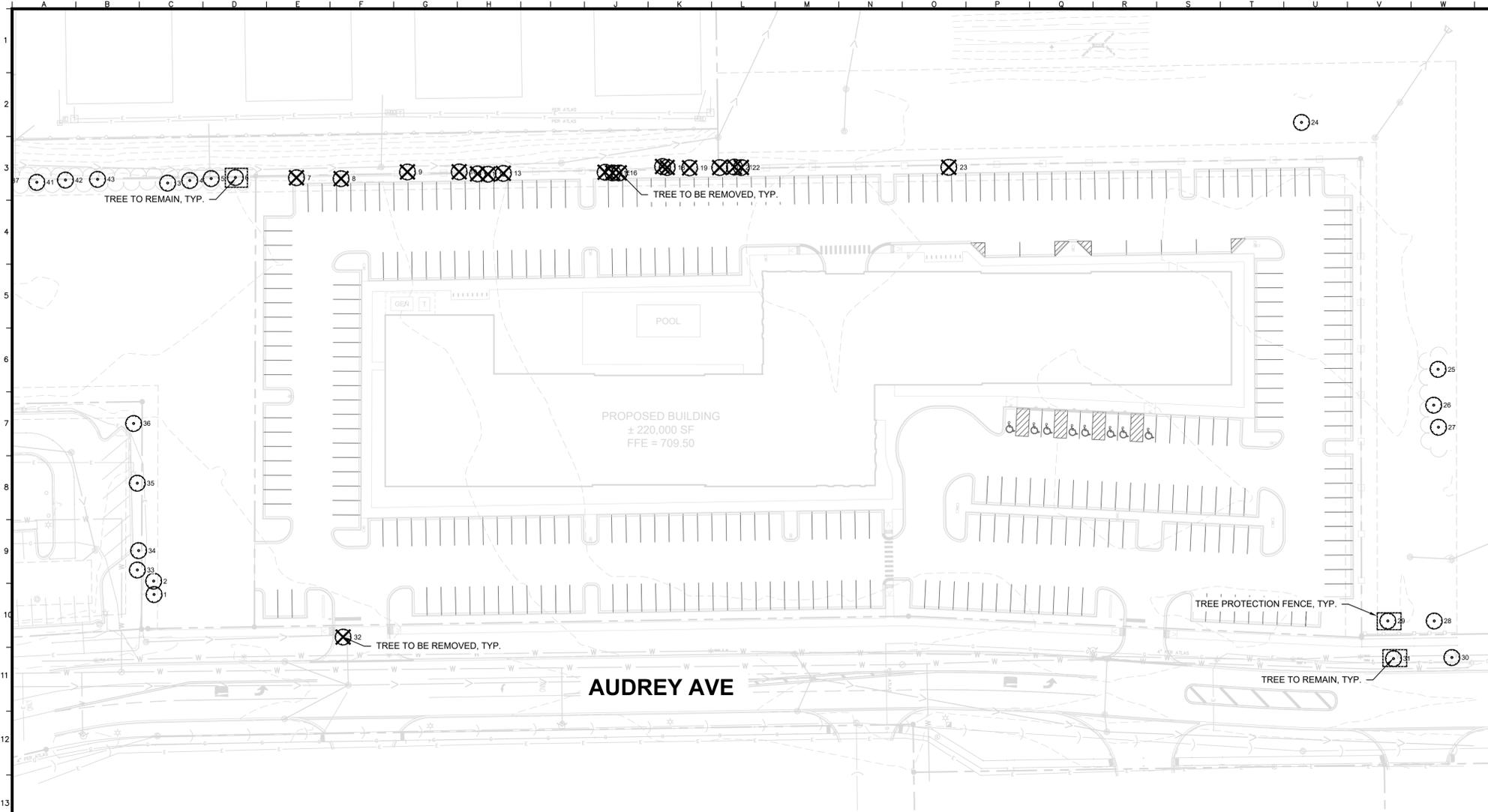
- A. ANY SUB-BASE BACKFILL DEPTH AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE.
- C. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
- D. CONTRACTOR TO PROVIDE, INSTALL AND GROUT INLET AND OUTLET PIPE(S). MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE OPENING CENTERLINES.
- E. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

CONTECH
ENGINEERED SOLUTIONS LLC
www.conteches.com
3100 Centre Pointe Dr., Suite 400, West Chester, OH 45069
900-338-1122 613-645-7000 613-645-7993 FAX

CDS2020-5-C
ONLINE CDS
STANDARD DETAIL

<p>Kimley»Horn © 2025, KIMLEY-HORN AND ASSOCIATES, INC. 4201 WINFIELD ROAD, SUITE 600 NAPERVILLE, IL 60563 PHONE: 630-487-2500 WWW.KIMLEY-HORN.COM</p>	<p>BRIDGE CAPITAL PARTNERS, INC. THE ATLAS DEVELOPMENT 2839 AUDREY AVE NAPERVILLE, IL 60540</p>						
<p>SCALE: AS NOTED DESIGNED BY: TRW DRAWN BY: TRW CHECKED BY: TIRE</p>	<p>STORMWATER DETAILS</p>						
<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td>1</td> <td>12/15/25</td> <td>TRW</td> </tr> </table>	NO.	DATE	BY	1	12/15/25	TRW	<p>ORIGINAL ISSUE: 10/17/25 KHA PROJECT NO. 268929000 SHEET NUMBER C5.2</p>
NO.	DATE	BY					
1	12/15/25	TRW					

Drawing name: K:\GIS_LDEV\268929000_Bridge CD -Audrey Ave Multi-lane\Drawings\10-Tree Preservation_Plan.dwg Date: 10/17/25 10:42am By: Taylor Westhoff
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PLAN LEGEND

- TREE LOCATION WITH ID
- TREE TO BE REMOVED
- TREE TO REMAIN
- TREE PROTECTION FENCE

TREE PRESERVATION

TREENUM	SPECIES	LATIN	DBH	CONDITION	COMMENTS	STATUS
1	MULBERRY-SPP	Morus spp	12	4	clump	PRESERVE
2	MULBERRY-SPP	Morus spp	14	4	clump	PRESERVE
3	ELM-SIBERIAN	Ulmus pumila	7	4	clump	PRESERVE
4	ELM-SIBERIAN	Ulmus pumila	7	4	clump	PRESERVE
5	MULBERRY-SPP	Morus spp	7	4	clump	PRESERVE
6	MULBERRY-SPP	Morus spp	7	4	clump	PRESERVE
7	MULBERRY-SPP	Morus spp	7	4	clump	REMOVE
8	CHERRY-BLACK	Prunus serotina	7	4	clump	REMOVE
9	MULBERRY-SPP	Morus spp	7	4	clump	REMOVE
10	MULBERRY-SPP	Morus spp	8	4	clump	REMOVE
11	MULBERRY-SPP	Morus spp	5	4	clump	REMOVE
12	MULBERRY-SPP	Morus spp	4	4	clump	REMOVE
13	MULBERRY-SPP	Morus spp	5	4	clump	REMOVE
14	MULBERRY-SPP	Morus spp	7	4	clump	REMOVE
15	MULBERRY-SPP	Morus spp	6	4	clump	REMOVE
16	MULBERRY-SPP	Morus spp	4	4	clump	REMOVE
17	MULBERRY-SPP	Morus spp	8	4	clump	REMOVE
18	MULBERRY-SPP	Morus spp	4	4	clump	REMOVE
19	MULBERRY-SPP	Morus spp	6	4	clump	REMOVE
20	MULBERRY-SPP	Morus spp	9	4	clump	REMOVE
21	MULBERRY-SPP	Morus spp	5	4	clump	REMOVE
22	PEAR-CALLERY	Pyrus calleryana	4	4		REMOVE
23	MULBERRY-SPP	Morus spp	5	4	clump	REMOVE
24	ELM-SIBERIAN	Ulmus pumila	5	4	clump	PRESERVE
25	WILLOW-SPP	Salix spp	20	4	clump	PRESERVE
26	COTTONWOOD	Populus deltoides	17	3		PRESERVE
27	COTTONWOOD	Populus deltoides	17	3		PRESERVE
28	BIRCH-RIVER	Betula nigra	9	3	clump	PRESERVE
29	BIRCH-RIVER	Betula nigra	12	3	clump	PRESERVE
30	OAK-ENGLISH	Quercus robur	4	3		PRESERVE
31	ELM-HYBRID	Ulmus x spp	9	2		PRESERVE
32	BUCKTHORN	Rhamnus cathartica	8	4	clump	REMOVE
33	MULBERRY-SPP	Morus spp	6	4		PRESERVE
34	MAPLE-NORWAY	Acer platanoides	12	5		PRESERVE
35	HONEYLOCUST	Gleditsia triacanthos	16	2		PRESERVE
36	HONEYLOCUST	Gleditsia triacanthos	21	2		PRESERVE
37	MULBERRY-SPP	Morus spp	12	4	clump	PRESERVE
38	MULBERRY-SPP	Morus spp	5	4	clump	PRESERVE
39	MULBERRY-SPP	Morus spp	19	3	clump	PRESERVE
40	MULBERRY-SPP	Morus spp	21	3	clump	PRESERVE
41	ELM-SIBERIAN	Ulmus pumila	6	4	clump	PRESERVE
42	ELM-SIBERIAN	Ulmus pumila	8	4	clump	PRESERVE
43	MULBERRY-SPP	Morus spp	6	4	clump	PRESERVE
44	ELM-SIBERIAN	Ulmus pumila	11	4		PRESERVE
45	ELM-SIBERIAN	Ulmus pumila	8	4	clump	PRESERVE
46	ELM-SIBERIAN	Ulmus pumila	9	4	clump	PRESERVE
47	ELM-SIBERIAN	Ulmus pumila	7	4	clump	PRESERVE
48	ELM-SIBERIAN	Ulmus pumila	6	5	clump	PRESERVE
49	ELM-SIBERIAN	Ulmus pumila	9	4	clump	PRESERVE
50	PEAR-CALLERY	Pyrus calleryana	7	4		PRESERVE

TREE HEALTH: 1- POOR CONDITION (WORST) , 5- EXCELLENT CONDITION (BEST)

TREE PROTECTION DETAIL

TRUNK PROTECTION
 REQUIRED IF WHEELED CONSTRUCTION EQUIPMENT INVOLVED WITHIN 20' OR LESS.
 1" BOARDS NOT LESS THAN 5' LONG OR TO REACH FIRST SCAFFOLD BRANCH. WIRE TO HOLD BOARDS IN PLACE, NO NAILS PERMITTED. INCLUDE WRAPPING OF BURLAP UNDER BOARDS.

BRANCH PROTECTION
 PROTECT LOWER BRANCHES OF TREE CANOPY. PROVIDE CONSTRUCTION FENCING OR EQUAL AT DRIPLINE (MIN).

PLACE SIGNS:
 KEEP OUT TREE PROTECTION AREA
 EVERY 50' ATTACHED TO FENCING

ROOT PROTECTION ZONE
 VARIES PER TREE SIZE
 EXTENDS FROM DRIPLINE TO DRIPLINE

TREE PROTECTION NOTES

- ALL TREES TO BE PROTECTED AND PRESERVED SHALL BE PER DETAIL. GROUPING OF MORE THAN ONE TREE MAY OCCUR.
- TREES TO BE PROTECTED AND PRESERVED SHALL BE IDENTIFIED ON THE TRUNK WITH WHITE SURVEY TAPE.
- TO PREVENT ROOT SMOTHERING, SOIL STOCKPILES, SUPPLIES, EQUIPMENT OR ANY OTHER MATERIAL SHALL NOT BE PLACED OR STORED WITHIN THE DRIP LINE OR WITHIN 15 FEET OF A TREE TRUNK, WHICHEVER IS GREATER.
- TREE ROOTS SHALL NOT BE CUT UNLESS CUTTING IS UNAVOIDABLE.
- WHEN ROOT CUTTING IS UNAVOIDABLE, A CLEAN SHARP CUT SHALL BE MADE TO AVOID SHREDDING OR SMASHING. ROOT CUTS SHOULD BE MADE BACK TO A LATERAL ROOT. WHENEVER POSSIBLE, ROOTS SHOULD BE CUT BETWEEN LATE FALL AND BUD OPENING, WHEN ROOT ENERGY SUPPLIES ARE HIGH AND CONDITIONS ARE LEAST FAVORABLE FOR DISEASE CAUSING AGENTS. EXPOSED ROOTS SHALL BE COVERED IMMEDIATELY TO PREVENT DEHYDRATION. ROOTS SHALL BE COVERED WITH SOIL OR BURLAP AND KEPT MOIST.
- WATERING OF PROTECTED TREES IN WHICH ROOTS WERE CUT SHALL BE PROVIDED BY THE CONTRACTOR.
- AUGER TUNNELING RATHER THAN TRENCHING SHOULD BE USED FOR UTILITY PLACEMENT WITHIN DRIP LINE.
- FENCING MATERIAL SHALL ENIRCLE ANY TREE OR SHRUB WHOSE OUTER DRIP LINE EDGE IS WITHIN 20 FEET OF ANY CONSTRUCTION ACTIVITIES.
- FENCING MATERIAL SHALL BE BRIGHT, CONTRASTING COLOR, DURABLE, AND A MINIMUM OF FOUR FEET IN HEIGHT.
- FENCING MATERIAL SHALL BE SET AT THE DRIP LINE OR 15 FEET FROM TREE TRUNK, WHICHEVER IS GREATER, AND MAINTAINED IN AN UPRIGHT POSITION THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITIES.
- ANY GRADE CHANGES (SUCH AS THE REMOVAL OF TOPSOIL OR ADDITION OF FILL MATERIAL) WITHIN THE DRIP LINE SHOULD BE AVOIDED FOR EXISTING TREES TO REMAIN. RETAINING WALLS AND TREE WELLS ARE ACCEPTABLE ONLY WHEN CONSTRUCTED PRIOR TO GRADE CHANGE.
- REFER TO PLANS FOR FENCE STAKING LOCATIONS.

1

TREE PROTECTION

NTS

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 THE ATLAS DEVELOPMENT
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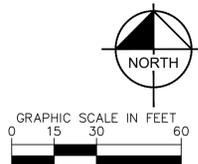
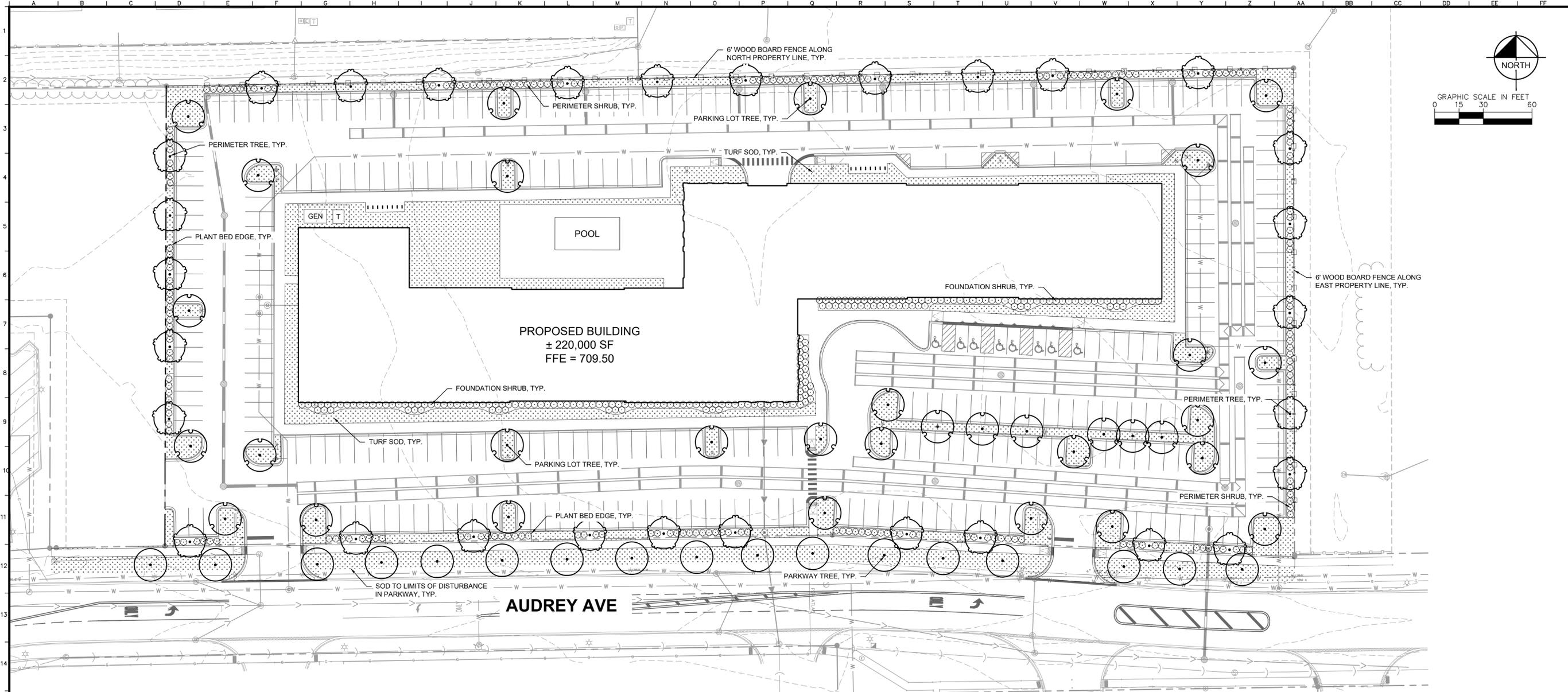
DESIGNED BY: TRW
 DRAWN BY: TRW
 CHECKED BY: TRE

REVISIONS

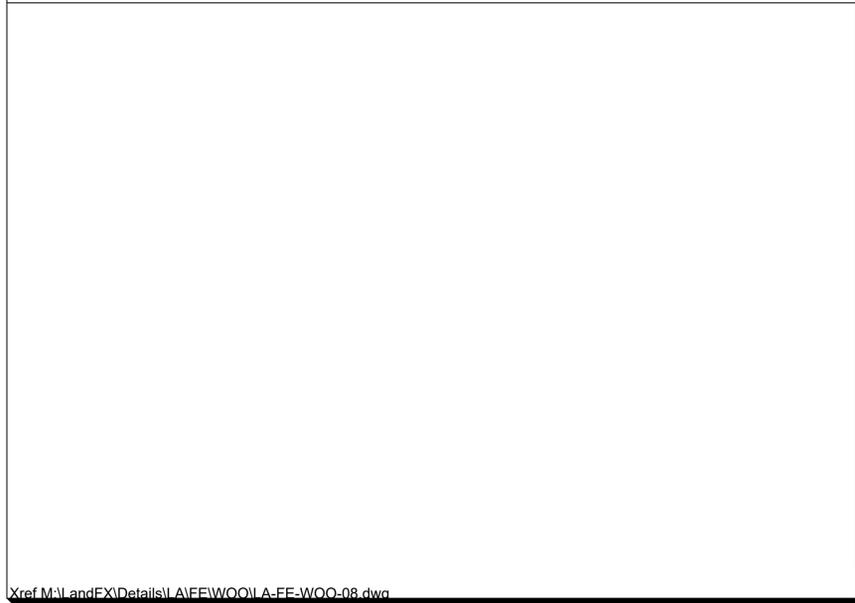
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ORIGINAL ISSUE:
 10/17/25
 KHA PROJECT NO.
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 SHEET NUMBER
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Drawing name: I:\GIS_DEVELOPMENT\268929000_Bridge_CD_Audrey Ave MultiFamily_Naperville_IL.dwg
 Date: 12/15/25 10:42am
 Designer: Taylor Weeneroff
 Project: THE ATLAS DEVELOPMENT
 Client: BRIDGE CAPITAL PARTNERS, INC.
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WOOD FENCE DETAIL



CONCEPT PLANT SCHEDULE

	PARKWAY TREE	17
	PERIMETER TREE	30
	PARKING LOT TREE	34
	FOUNDATION SHRUB	193
	PERIMETER SHRUB	221
	TURF SOD	

LANDSCAPE CODE

ZONING ORDINANCE	NAPERVILLE, IL - LANDSCAPE CODE REQUIREMENTS	REQUIRED	PROPOSED
SECTION 5-10-3 LANDSCAPING AND SCREENING			
TITLE 5-10-3-3 PARKWAY LANDSCAPING: PARKWAY TREES SHALL BE EVENLY SPACED AT NOT MORE THAN 40 FEET APART.	AUDREY AVE PARKWAY = 644.85 LF 644.85 LF / 40 LF = 16.12	17 PARKWAY TREES REQUIRED ALONG AUDREY AVE	17 PARKWAY TREES PROVIDED
TITLE 5-10-3-4 PERIMETER LANDSCAPING: PERIMETER TREES SHALL BE SPACED AT THE EQUIVALENT OF NOT MORE THAN 70 FEET APART ALONG ALL PROPERTY LINES.	NORTH PROPERTY LINE = 695 LF 695 LF / 70 LF = 9.93	10 PERIMETER TREES REQUIRED ALONG THE NORTH	10 PERIMETER TREES PROVIDED
	EAST PROPERTY LINE = 300 LF 300 LF / 70 LF = 4.29	5 PERIMETER TREES REQUIRED ALONG THE EAST	5 PERIMETER TREES PROVIDED
	SOUTH PROPERTY LINE = 697 LF 697 LF / 70 LF = 9.96	10 PERIMETER TREES REQUIRED ALONG THE SOUTH	10 PERIMETER TREES PROVIDED
	WEST PROPERTY LINE = 282 LF 282 LF / 70 LF = 4.03	5 PERIMETER TREES REQUIRED ALONG THE WEST	5 PERIMETER TREES PROVIDED
TITLE 5-10-3-4.1 FOUNDATION LANDSCAPING: FOUNDATION PLANTINGS SHALL CONSIST OF A MINIMUM RATIO OF 1 PLANT FOR EVERY 3 LINEAR FEET OF BUILDING LENGTH.	TOTAL BUILDING LENGTH (SOUTH) = 596 LF 596 LF / 3 LF = 198.67	199 FOUNDATION PLANTINGS REQUIRED	199 FOUNDATION PLANTINGS PROVIDED
TITLE 5-10-3-5.2.3.2 PERIMETER PARKING LOT LANDSCAPING ACROSS FROM NONRESIDENTIAL PROPERTY: WHERE A PARKING LOT IS LOCATED ACROSS A DEDICATED PUBLIC RIGHT-OF-WAY FROM PROPERTY ZONED FOR NONRESIDENTIAL USE, LANDSCAPING SHALL BE PROVIDED ACROSS 50% OF THE PARKING LOT PERIMETER.	TOTAL SOUTH PERIMETER = 697 LF 697 LF / 50% = 348.5	349 LF OF LANDSCAPING BUFFER REQUIRED ACROSS SOUTH PROPERTY LINE	350 LF LANDSCAPING BUFFER PROVIDED
TITLE 5-10-3-5.2.4.1 PERIMETER PARKING LOT LANDSCAPING ABUTTING RESIDENTIAL PROPERTY: WHERE A PARKING LOT IS LOCATED ADJACENT TO A PROPERTY ZONED FOR RESIDENTIAL USE, A 6 FT OPAQUE WOOD FENCE SHALL BE PROVIDED ACROSS 100% OF THE PARKING PERIMETER, AND LANDSCAPING SHALL BE PROVIDED ACROSS 50% OF THE PARKING LOT, CONSISTING OF 50% EVERGREEN VEGETATION.	TOTAL NORTH PERIMETER = 695 LF 695 LF / 50% = 347.5	348 LF OF LANDSCAPING BUFFER REQUIRED ACROSS NORTH PROPERTY LINE	350 LF LANDSCAPING BUFFER PROVIDED
	TOTAL EAST PERIMETER = 300 LF 300 LF / 50% = 150	150 LF OF LANDSCAPING BUFFER REQUIRED ACROSS EAST PROPERTY LINE	154 LF LANDSCAPING BUFFER PROVIDED
TITLE 5-10-3-5.2.4.2 PERIMETER PARKING LOT LANDSCAPING ABUTTING NONRESIDENTIAL PROPERTY: WHERE A PARKING LOT IS LOCATED ADJACENT TO A PROPERTY ZONED NONRESIDENTIAL USE, LANDSCAPING SHALL BE PROVIDED ACROSS 50% OF THE PARKING LOT.	TOTAL WEST PERIMETER = 282 LF 282 LF / 50% = 141	141 LF OF LANDSCAPING BUFFER REQUIRED ACROSS WEST PROPERTY LINE	145 LF LANDSCAPING BUFFER PROVIDED

DATE	12/15/25	BY	TRW
REVISIONS			
CITY COMMENTS			
No.			

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SCALE:	AS NOTED
DESIGNED BY:	TRW
DRAWN BY:	TRW
CHECKED BY:	TRE

LANDSCAPE PLAN

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