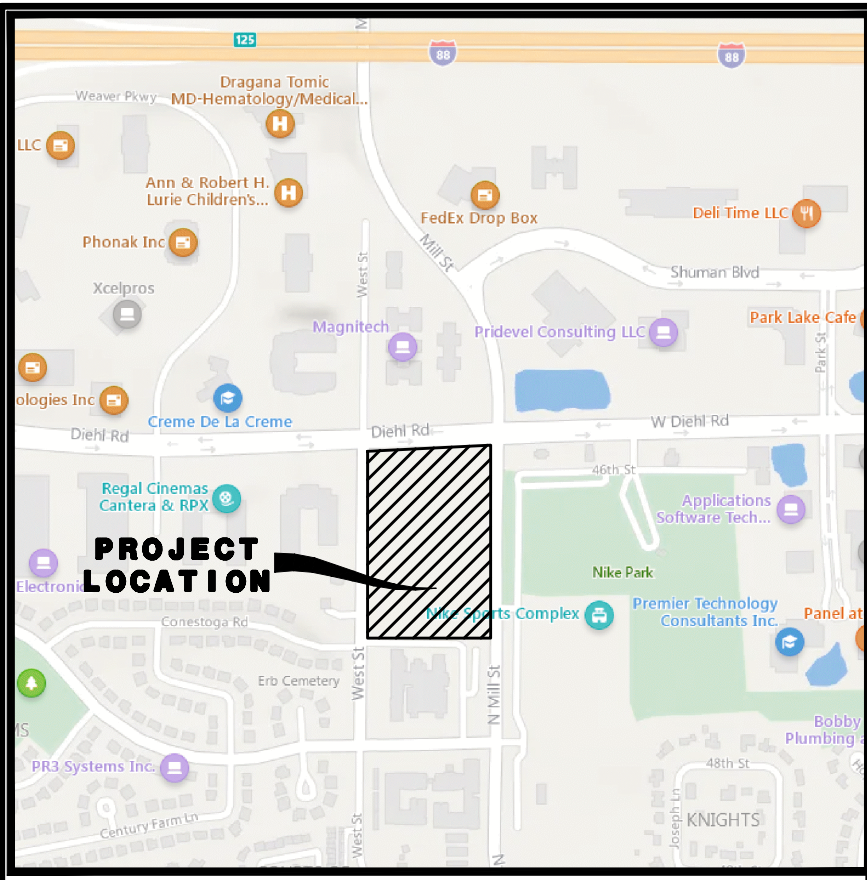


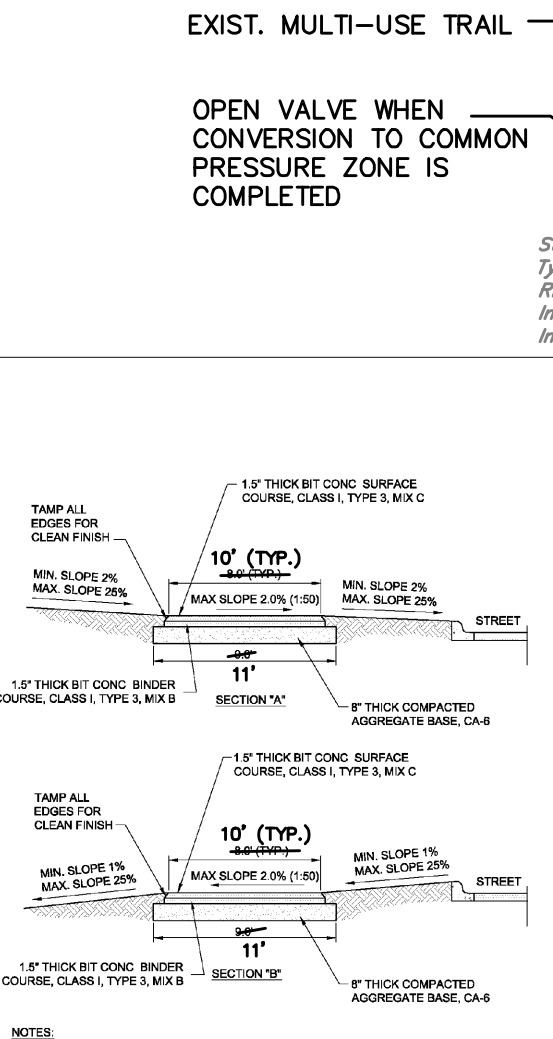
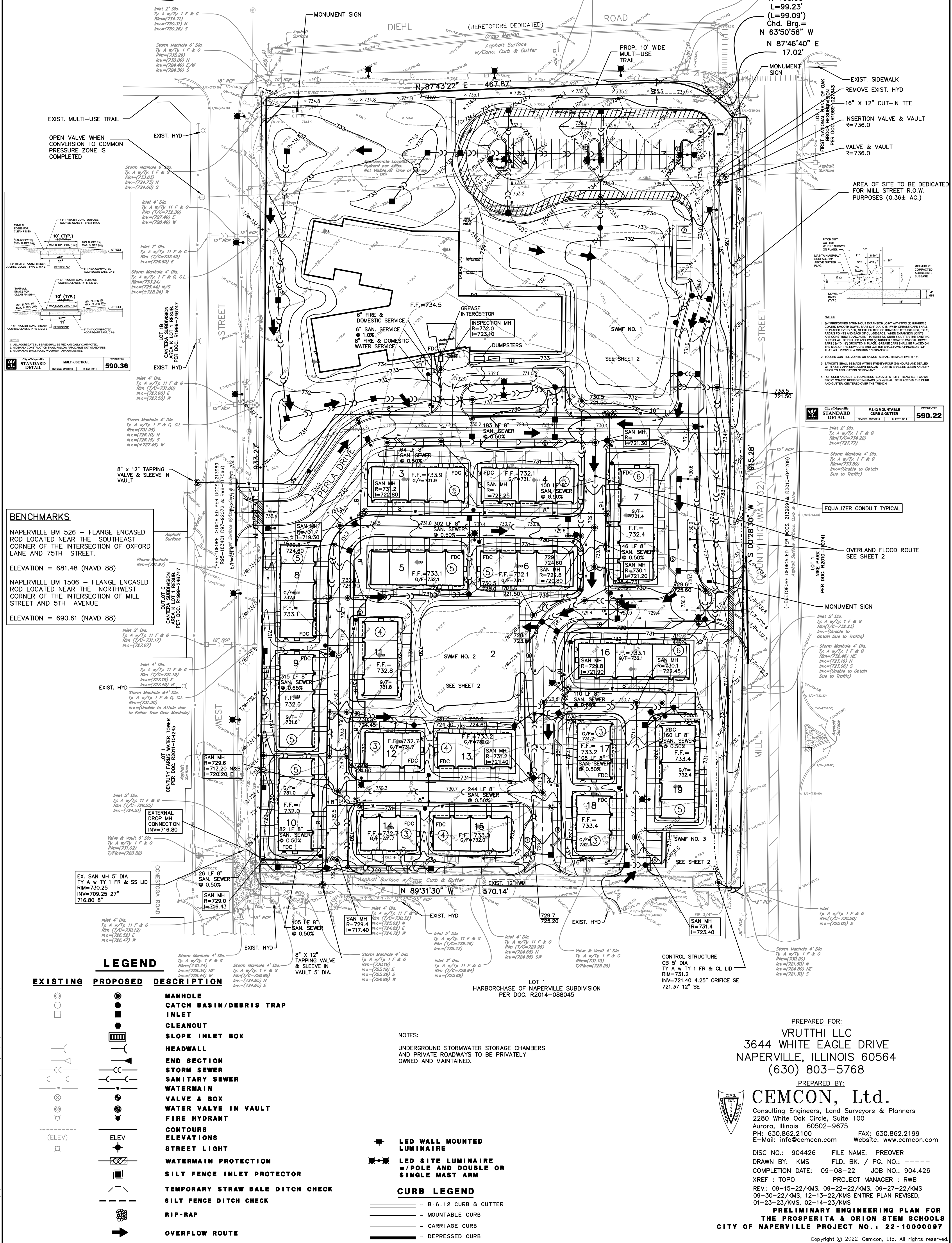
FOR THE PROSPERITA & ORION STEM SCHOOL

OVERALL PARCEL DESCRIPTION

THAT PART OF THE SOUTH HALF OF SECTION 1 AND THE NORTH HALF OF SECTION 12, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHWEST CORNER OF LOT 1 IN THE FINAL PLAT OF SUBDIVISION FOR HARBORCHASE OF NAPERVILLE RECORDED AS DOCUMENT R2014-088045 SAID POINT ALSO BEING ON THE EAST LINE OF WEST STREET DEDICATED PER DOCUMENTS R95-183401, R97-92072 AND R98-117566; THENCE NORTH 0 DEGREES 28 MINUTES 30 SECONDS EAST 933.27 FEET ALONG SAID EAST LINE OF WEST STREET TO A POINT ON THE SOUTH LINE OF LAND CONVEYED TO THE COUNTY OF DUPage FOR DIEHL ROAD BY WARRANTY DEED RECORDED JULY 14, 1989 AS DOCUMENT R89-084247; THENCE NORTH 87 DEGREES 43 MINUTES 22 SECONDS EAST 467.87 FEET ALONG SAID SOUTH LINE TO A POINT OF CURVATURE; THENCE SOUTHEASTERLY 99.23 FEET ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 100.0 FEET AND A CHORD BEARING NORTH 63 DEGREES 50 MINUTES 56 SECONDS WEST; THENCE NORTH 87 DEGREES 46 MINUTES 40 SECONDS EAST 17.02 FEET TO A POINT ON THE WESTERLY LINE OF MILL STREET (COUNTY HIGHWAY 32) DEDICATED PER DOCUMENTS 215969 AND R2010-041209; THENCE SOUTH 0 DEGREES 28 MINUTES 30 SECONDS WEST 915.28 FEET ALONG SAID WESTERLY LINE TO THE NORTHEAST CORNER OF LOT 1 IN THE FOREMENTIONED HARBORCHASE OF NAPERVILLE; THENCE NORTH 89 DEGREES 31 MINUTES 30 SECONDS WEST 570.14 ALONG THE NORTH LINE OF SAID LOT 1 TO THE POINT OF BEGINNING, ALL IN DUPage COUNTY, ILLINOIS.



LOCATION MAP



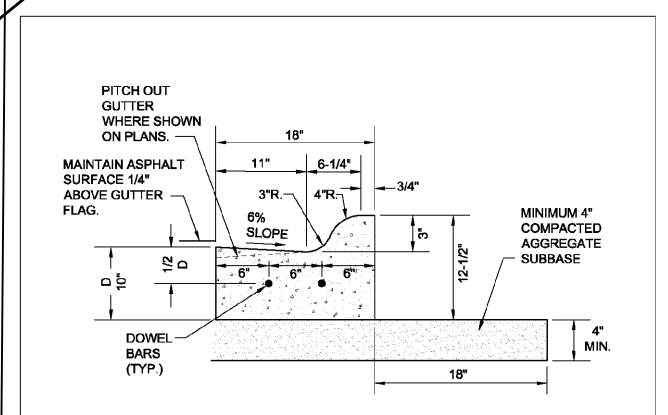
STANDARD CURB & GUTTER

BENCHMARKS
NAPERVILLE BM 526 - FLANGE ENCASED ROD LOCATED NEAR THE SOUTHEAST CORNER OF THE INTERSECTION OF OXFORD LANE AND 75TH STREET.
ELEVATION = 681.48 (NAVD 88)
NAPERVILLE BM 1506 - FLANGE ENCASED ROD LOCATED NEAR THE NORTHWEST CORNER OF THE INTERSECTION OF MILL STREET AND 5TH AVENUE.
ELEVATION = 690.61 (NAVD 88)

LEGEND table with columns for EXISTING, PROPOSED, and DESCRIPTION. Includes symbols for manholes, inlets, cleanouts, slope inlet boxes, headwalls, end sections, storm sewer, sanitary sewer, watermain, valve & box, water valve in vault, fire hydrant, contours, elevations, street light, watermain protection, silt fence inlet protector, temporary straw bale ditch check, silt fence ditch check, rip-rap, and overflow route.

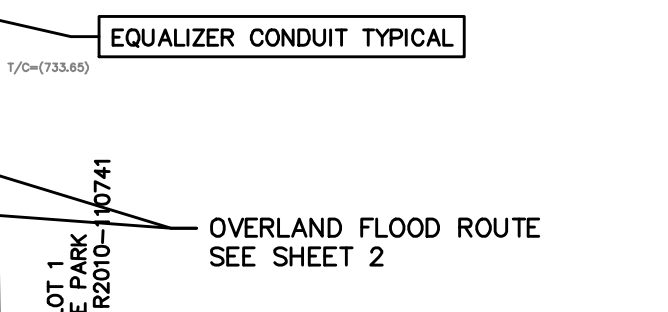
NOTES: UNDERGROUND STORMWATER STORAGE CHAMBERS AND PRIVATE ROADWAYS TO BE PRIVATELY OWNED AND MAINTAINED.

CURB LEGEND table with symbols for B-6.12 CURB & CUTTER, MOUNTABLE CURB, CARRIAGE CURB, and DEPRESSED CURB.

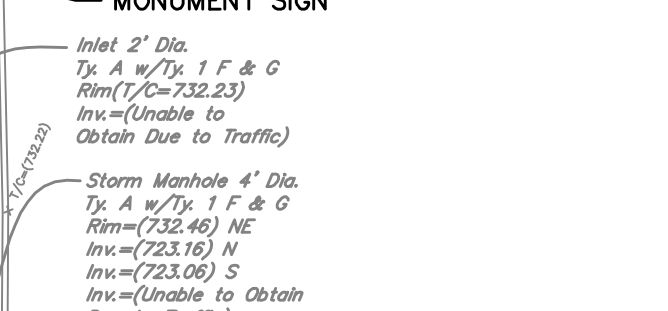


AREA OF SITE TO BE DEDICATED FOR MILL STREET R.O.W. PURPOSES (0.36± AC.)

STANDARD CURB & GUTTER table with columns for STANDARD CURB & GUTTER and PAYMENT \$590.22.



EQUALIZER CONDUIT TYPICAL



OVERLAND FLOOD ROUTE SEE SHEET 2

PREPARED FOR: VRUTTHI LLC, 3644 WHITE EAGLE DRIVE, NAPERVILLE, ILLINOIS 60564, (630) 803-5768

PREPARED BY: CEMCON, Ltd. Consulting Engineers, Land Surveyors & Planners, 2280 White Oak Circle, Suite 100, Aurora, Illinois 60502-9675, PH: 630.862.2100, FAX: 630.862.2199, E-Mail: info@cemcon.com, Website: www.cemcon.com

DISC NO: 904426 FILE NAME: PREVOER, DRAWN BY: KMS, FLD. BK. / PG. NO.: ----, COMPLETION DATE: 09-08-22 JOB NO.: 904.426, XREF: TOPO PROJECT MANAGER: RWB, REV: 09-15-22/KMS, 09-22-22/KMS, 09-27-22/KMS, 09-30-22/KMS, 12-13-22/KMS ENTIRE PLAN REVISED, 01-23-23/KMS, 02-14-23/KMS

PRELIMINARY ENGINEERING PLAN FOR THE PROSPERITA & ORION STEM SCHOOLS, CITY OF NAPERVILLE PROJECT NO.: 22-1000097, Copyright © 2022 Cemcon, Ltd. All rights reserved.

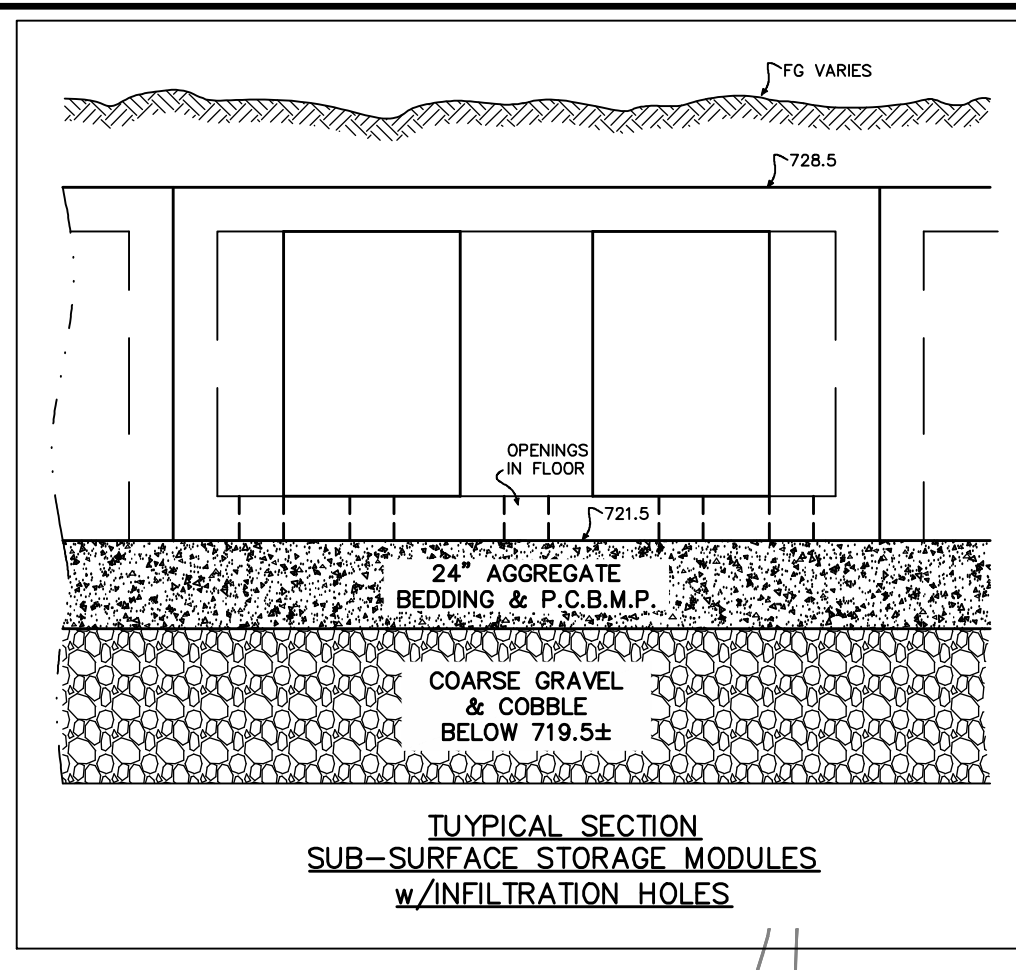
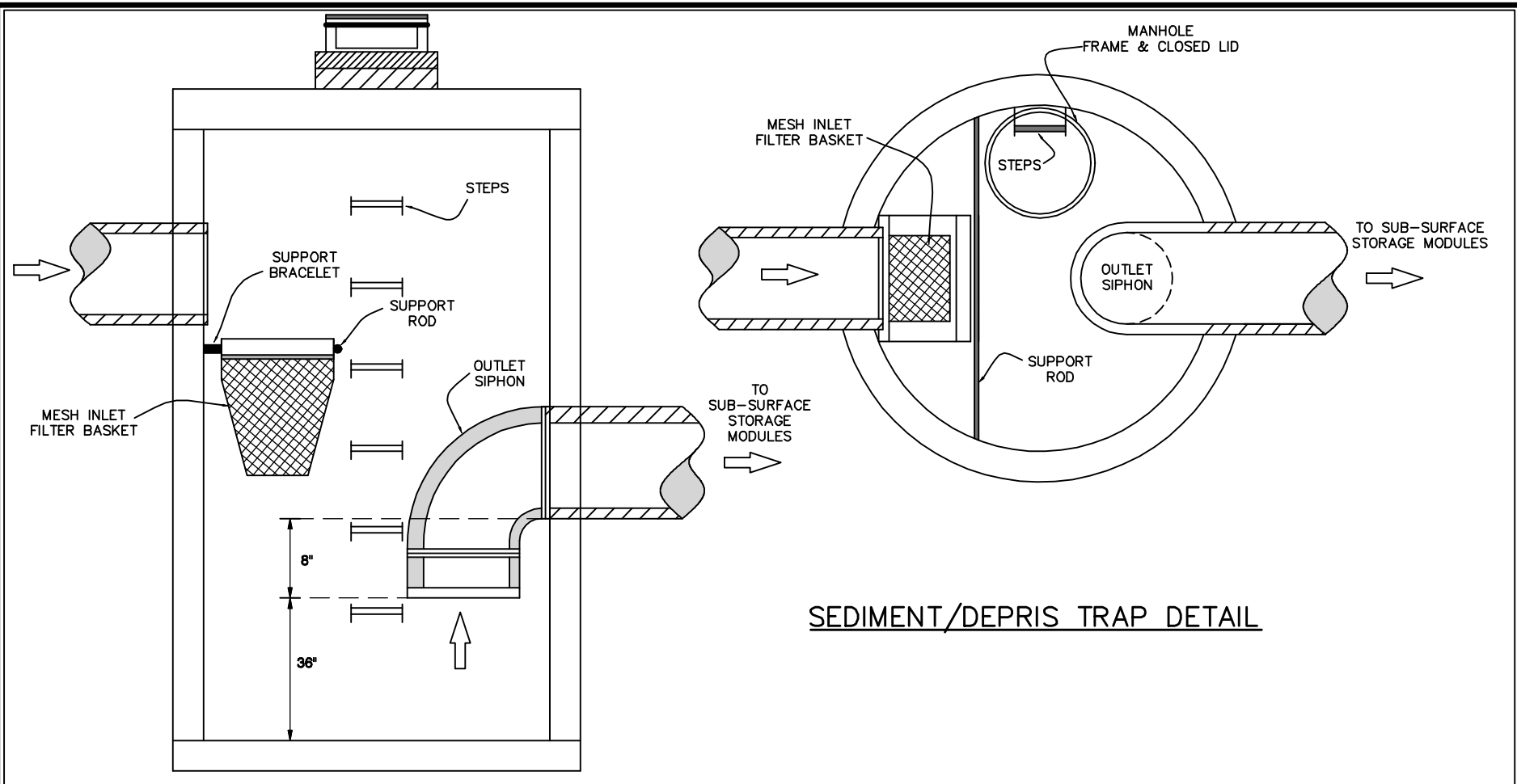
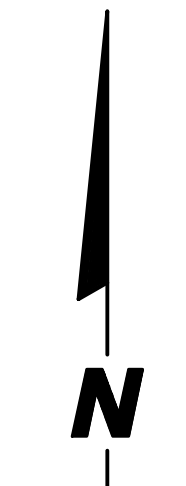
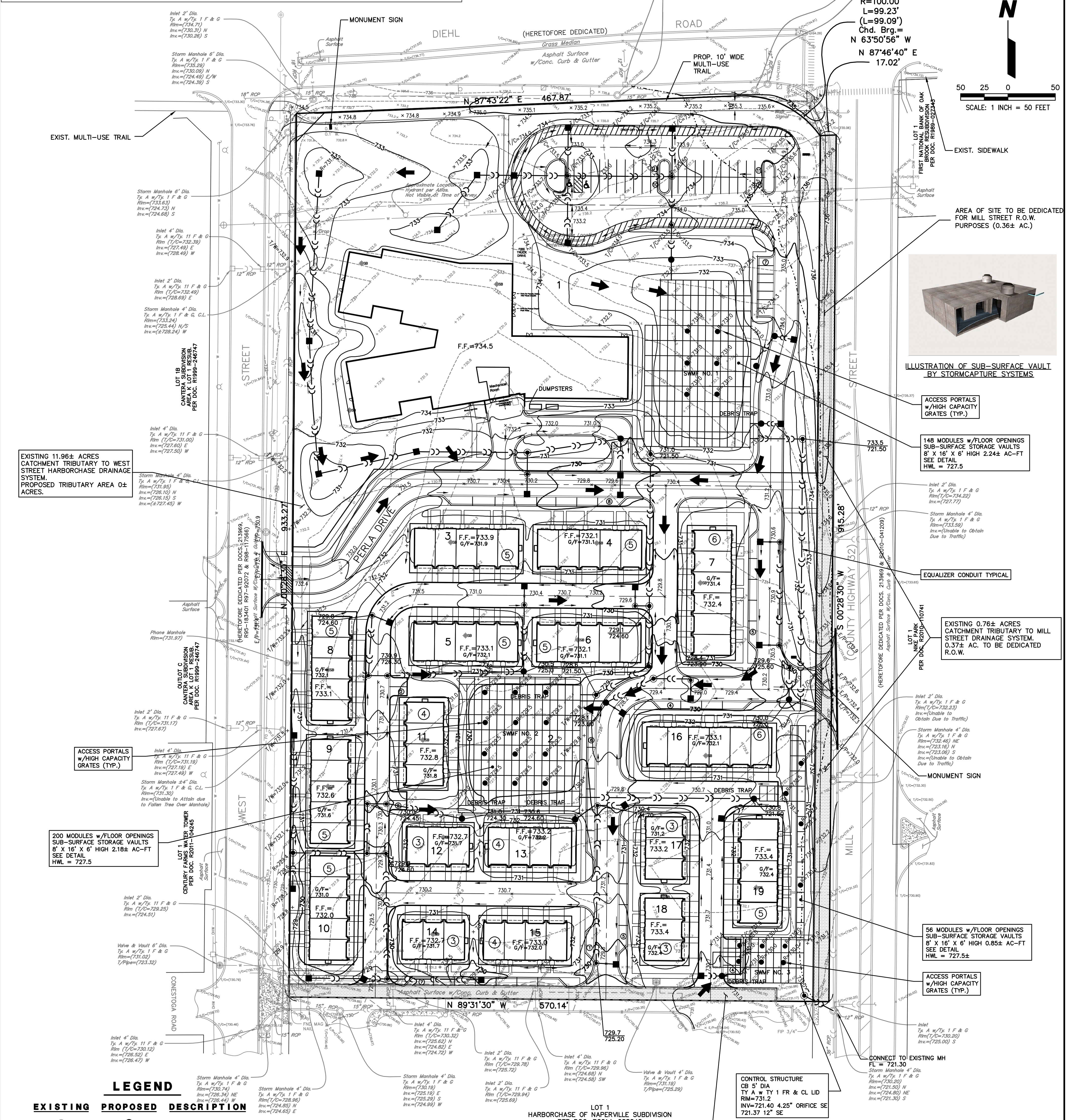


ILLUSTRATION OF SUB-SURFACE VAULT "SIGNLETRAP" BY STORMTRAP SYSTEMS



SCALE: 1 INCH = 50 FEET



EXISTING 11.96± ACRES CATCHMENT TRIBUTARY TO WEST STREET HARBORCHASE DRAINAGE SYSTEM. PROPOSED TRIBUTARY AREA 0± ACRES.

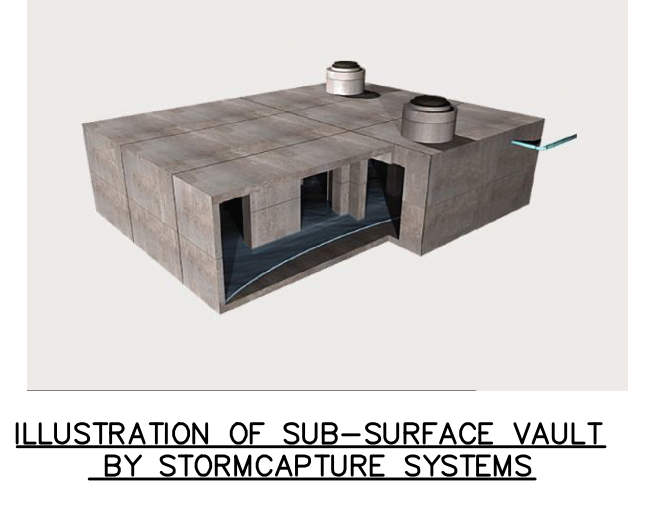


ILLUSTRATION OF SUB-SURFACE VAULT BY STORMCAPTURE SYSTEMS

ACCESS PORTALS w/HIGH CAPACITY GRATES (TYP.)

148 MODULES w/FLOOR OPENINGS SUB-SURFACE STORAGE VAULTS 8' X 16' X 6' HIGH 2.24± AC-FT SEE DETAIL HWL = 727.5

EQUALIZER CONDUIT TYPICAL

EXISTING 0.76± ACRES CATCHMENT TRIBUTARY TO MILL STREET DRAINAGE SYSTEM. 0.37± AC. TO BE DEDICATED R.O.W.

MONUMENT SIGN

56 MODULES w/FLOOR OPENINGS SUB-SURFACE STORAGE VAULTS 8' X 16' X 6' HIGH 0.85± AC-FT SEE DETAIL HWL = 727.5±

ACCESS PORTALS w/HIGH CAPACITY GRATES (TYP.)

LEGEND

- | | | |
|--|--|---|
| | | MANHOLE |
| | | CATCH BASIN/DEBRIS TRAP |
| | | INLET |
| | | CLEANOUT |
| | | SLOPE INLET BOX |
| | | HEADWALL |
| | | END SECTION |
| | | STORM SEWER |
| | | SANITARY SEWER |
| | | WATERMAIN |
| | | VALVE & BOX |
| | | WATER VALVE IN VAULT |
| | | FIRE HYDRANT |
| | | CONTOURS |
| | | ELEVATIONS |
| | | STREET LIGHT |
| | | WATERMAIN PROTECTION |
| | | SILT FENCE INLET PROTECTOR |
| | | TEMPORARY STRAW BALE DITCH CHECK |
| | | SILT FENCE DITCH CHECK |
| | | RIP-RAP |
| | | OVERFLOW ROUTE |

PROPOSED CONDITION STORMWATER MANAGEMENT SUMMARY

NET DEVELOPMENT AREA OF PROJECT SITE PLUS ROADWAY DEVELOPMENT	11.94± AC.
ALLOWABLE RELEASE RATE	1.19 cfs
BULLETIN 75 100-YR 24 HOUR STORAGE REQUIRED	5.94 AC.-FT.
STORAGE IN SUB-SURFACE MODULES	5.27± AC.-FT.
IMPERVIOUS AREA OF DEVELOPMENT SITE	6.4± AC.-FT.
PCBMP VOLUME REQUIRED	0.67± AC.-FT.
PCBMP VOLUME PROVIDED	0.72± AC.-FT.

CURB LEGEND

- B-6.12 CURB & CUTTER
- MOUNTABLE CURB
- CARRIAGE CURB
- DEPRESSED CURB

EXISTING CONDITION DRAINAGE ANALYSIS

TOTAL NET EXISTING CONDITION AREA OF SITE	12.35 AC.±
AREA OF SITE TRIBUTARY TO MILL STREET	0.39± AC.±
AREA OF SITE TRIBUTARY TO WEST STREET OR HARBOR CHASE	11.96± AC.±

CONTROL STRUCTURE
CY 5" DIA
TY A w/ 1" FR & CL LID
RIM=731.2
INV=721.40 4.25" ORIFICE SE
721.37 12" SE

AREA OF SITE FOR WHICH STORMWATER MANAGEMENT AND PCBMP'S WERE PREVIOUSLY PROVIDED (0.18± AC.)

PREPARED FOR:
VRUTTHI LLC
3644 WHITE EAGLE DRIVE
NAPERVILLE, ILLINOIS 60564
(630) 803-5768

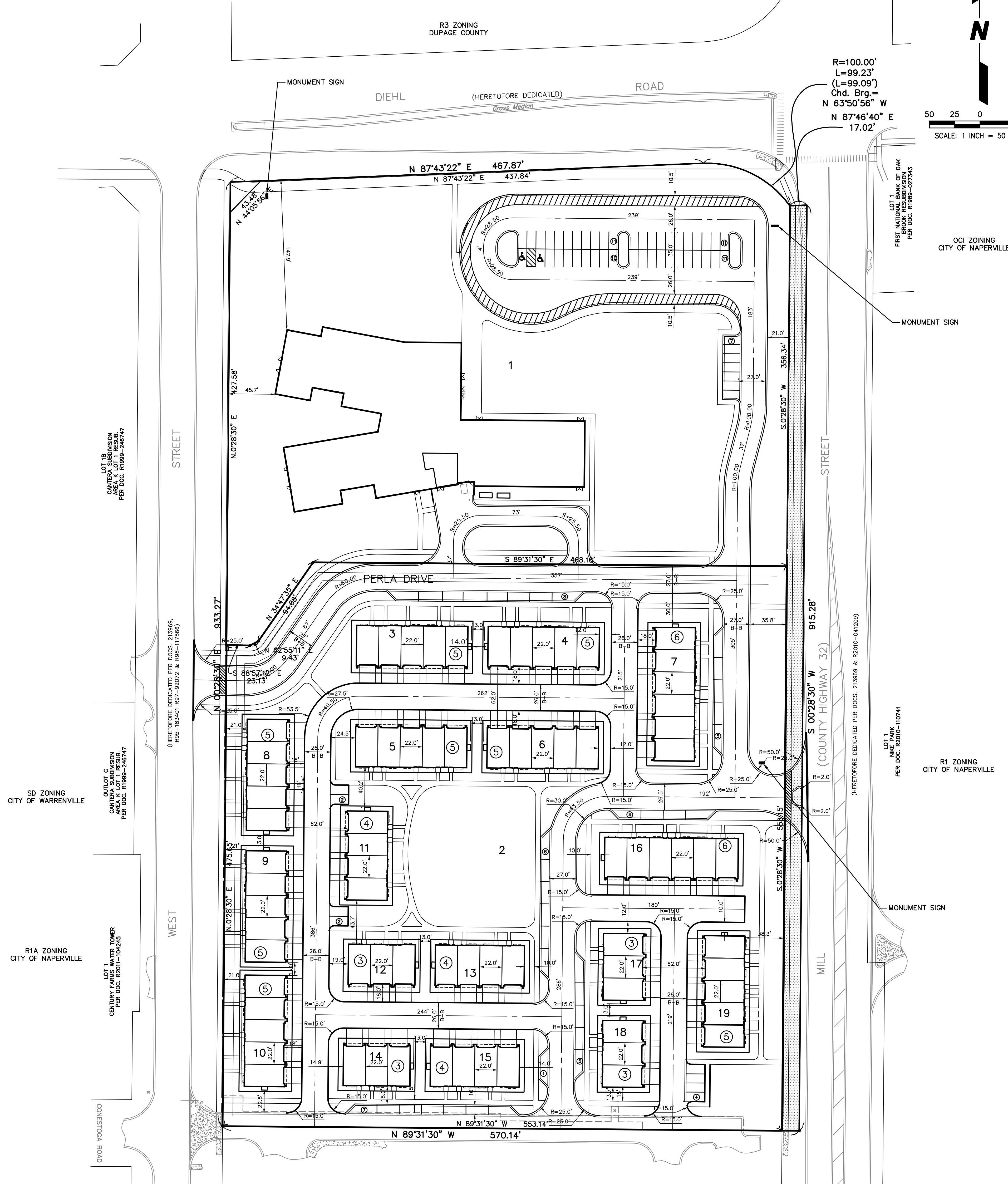
PREPARED BY:
CEMCON, Ltd.

Consulting Engineers, Land Surveyors & Planners
2280 White Oak Circle, Suite 100
Aurora, Illinois 60502-9675
PH: 630.862.2100 FAX: 630.862.2199
E-Mail: info@cemcon.com Website: www.cemcon.com

DISC NO.: 904426 FILE NAME: PREOVER
DRAWN BY: KMS FLD. BK. / PG. NO.: ----
COMPLETION DATE: 09-08-22 JOB NO.: 904.426
XREF: TOPO PROJECT MANAGER: RWB
REV: 12-13-22/KMS ENTIRE PLAN REVISED, SHEET 2 ADDED FOR CLARITY, 01-23-23/KMS, 02-14-23/KMS
PRELIMINARY ENGINEERING PLAN FOR THE PROSPERITA & ORION STEM SCHOOLS CITY OF NAPERVILLE PROJECT NO.: 22-10000097



50 25 0 50
SCALE: 1 INCH = 50 FEET



LOT 1
HARBORCHASE OF NAPERVILLE SUBDIVISION
PER DOC. R2014-088045
OCI ZONING
CITY OF NAPERVILLE

PREPARED FOR:
VRUTTHI LLC
3644 WHITE EAGLE DRIVE
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DISC NO.: 904426 FILE NAME: PREOVER
DRAWN BY: PRP FLD. BK. / PG. NO.: -----
COMPLETION DATE: 09-21-22 JOB NO.: 904.426
XREF : TOPO PROJECT MANAGER : RWB
REV: 12-13-22/KMS ENTIRE PLAN REVISED, SHEET 3 ADDED
FOR CLARITY, 01-23-23/KMS, 02-14-23/KMS
**PRELIMINARY SITE PLAN FOR
THE PROSPERITA & ORION STEM SCHOOLS
CITY OF NAPERVILLE PROJECT NO.: 22-10000097**

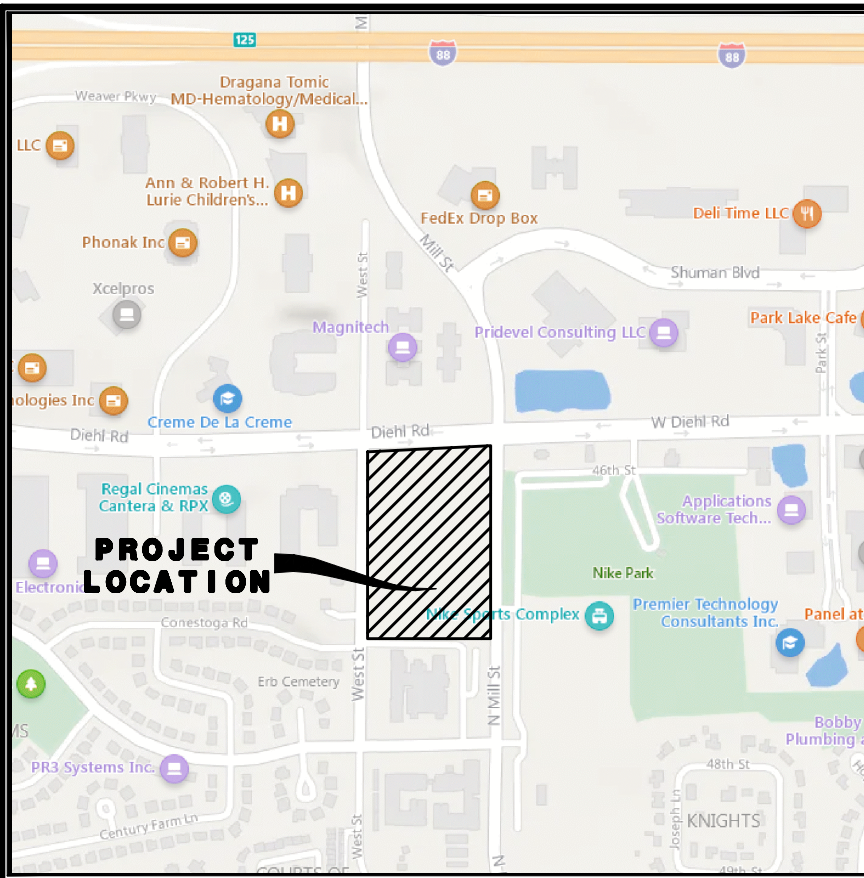
PLT FILE CREATED: 2/14/2023 BY: KRISTIN STARKEL
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PRELIMINARY ELECTRICAL SERVICE PLAN FOR THE PROSPERITA TOWNHOMES

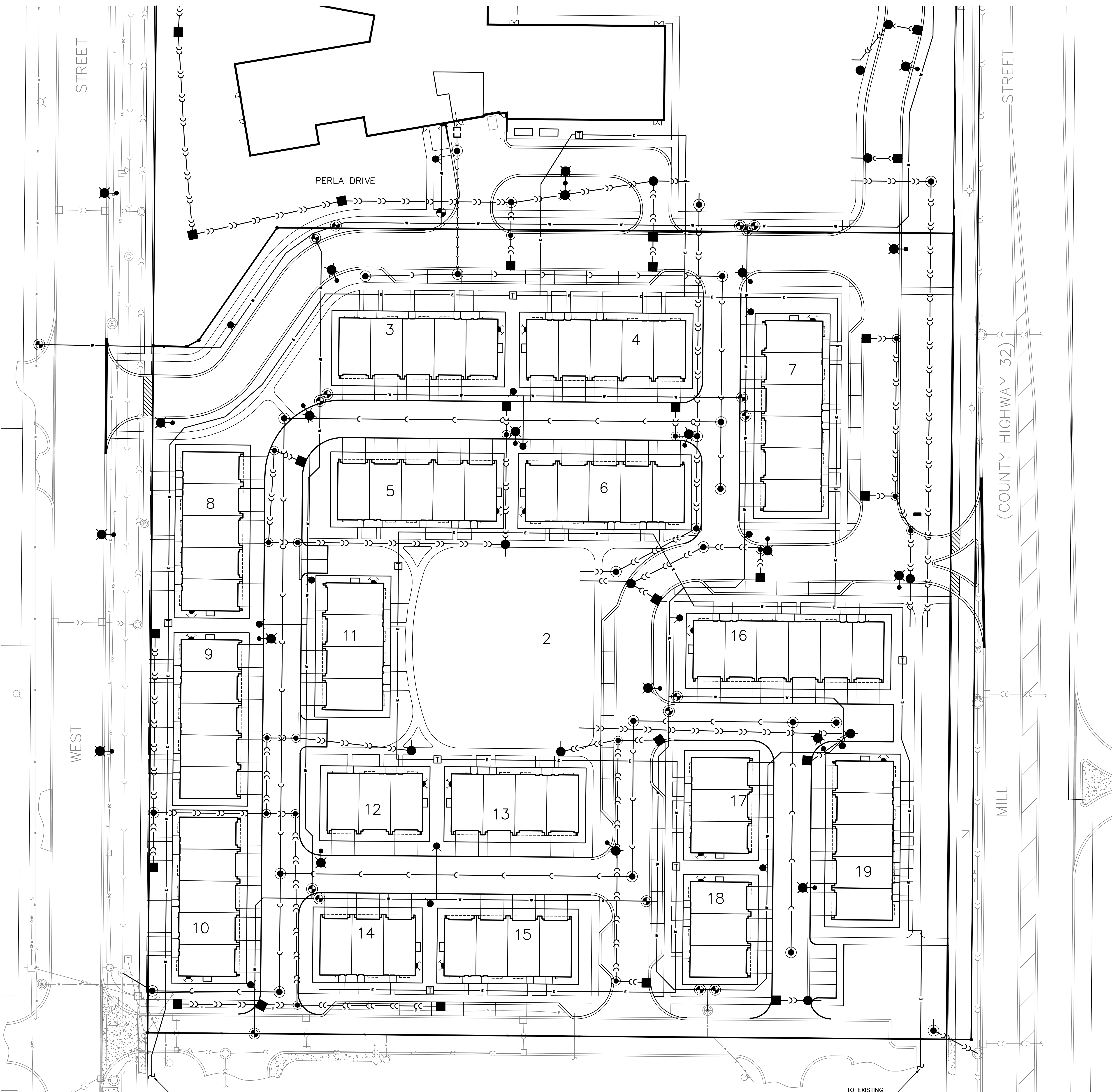
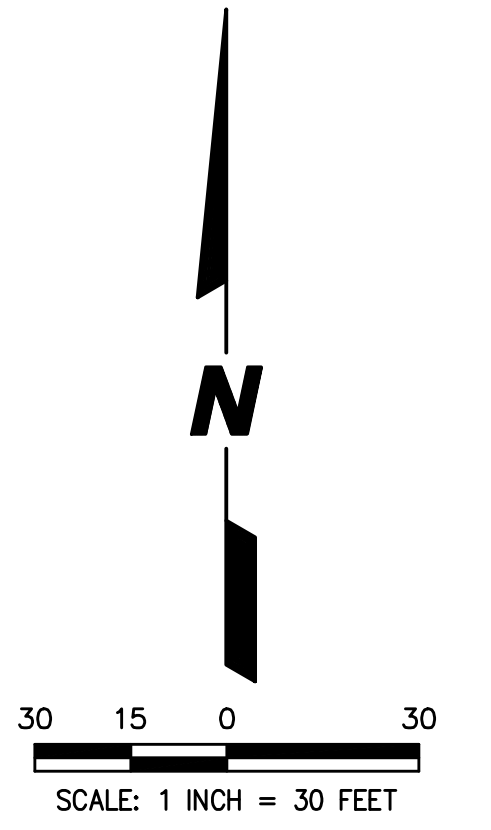
PROPOSED LOT 2 DESCRIPTION

THAT PART OF NAPER VILLA MANOR SUBDIVISION, RECORDED AS DOCUMENT 2136969, LYING IN THE SOUTH HALF OF SECTION 1 AND THE NORTH HALF OF SECTION 12, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF LOT 1 IN THE FINAL PLAT OF SUBDIVISION FOR HARBORCHASE OF NAPERVILLE RECORDED AS DOCUMENT R2014-088045, SAID POINT ALSO BEING ON THE EAST LINE OF WEST STREET DEDICATED PER DOCUMENTS R95-183401, R97-92072 AND R98-117568; THENCE NORTH 0 DEGREES 28 MINUTES 30 SECONDS EAST 475.65 FEET ALONG SAID EAST LINE; THENCE SOUTH 88 DEGREES 57 MINUTES 12 SECONDS EAST 23.13 FEET; THENCE NORTH 62 DEGREES 55 MINUTES 11 SECONDS EAST 9.43 FEET; THENCE NORTH 34 DEGREES 47 MINUTES 35 SECONDS EAST 94.88 FEET; THENCE SOUTH 89 DEGREES 31 MINUTES 30 SECONDS EAST 468.16 FEET TO A LINE DRAWN PARALLEL WITH AND 17 FEET WESTERLY, AS MEASURED PERPENDICULAR TO, THE WEST LINE OF MILL STREET (COUNTY HIGHWAY 32) DEDICATED PER DOCUMENTS 213969 AND R2010-041209; THENCE SOUTH 0 DEGREES 28 MINUTES 30 SECONDS WEST 588.15 FEET ALONG SAID PARALLEL LINE TO THE NORTHEAST CORNER OF LOT 1 IN AFOREMENTIONED HARBORCHASE OF NAPERVILLE; THENCE NORTH 89 DEGREES 31 MINUTES 30 SECONDS WEST 553.14 FEET ALONG THE NORTH LINE OF SAID LOT 1 TO THE POINT OF BEGINNING, ALL IN DUPAGE COUNTY, ILLINOIS.



LOCATION MAP



TO EXISTING SERVICE CONNECTION

TO EXISTING SERVICE CONNECTION

BENCHMARKS
 NAPERVILLE BM 526 - FLANGE ENCASED ROD LOCATED NEAR THE SOUTHEAST CORNER OF THE INTERSECTION OF OXFORD LANE AND 75TH STREET.
 ELEVATION = 681.48 (NAVD 88)
 NAPERVILLE BM 1506 - FLANGE ENCASED ROD LOCATED NEAR THE NORTHWEST CORNER OF THE INTERSECTION OF MILL STREET AND 5TH AVENUE.
 ELEVATION = 690.61 (NAVD 88)

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 NAPERVILLE, ILLINOIS 60564
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 E-Mail: info@cemcon.com Website: www.cemcon.com
 DISC NO.: 904426 FILE NAME: 2023-01-18 ELECT
 DRAWN BY: KMS FLD. BK. / PG. NO.: ----
 COMPLETION DATE: 01-23-23 JOB NO.: 904.426
 XREF : TOPO PROJECT MANAGER : RWB

**PRELIMINARY ELECTRICAL SERVICE PLAN FOR
 THE PROSPERITA & ORION STEM SCHOOLS
 CITY OF NAPERVILLE PROJECT NO.: 22-1000097**