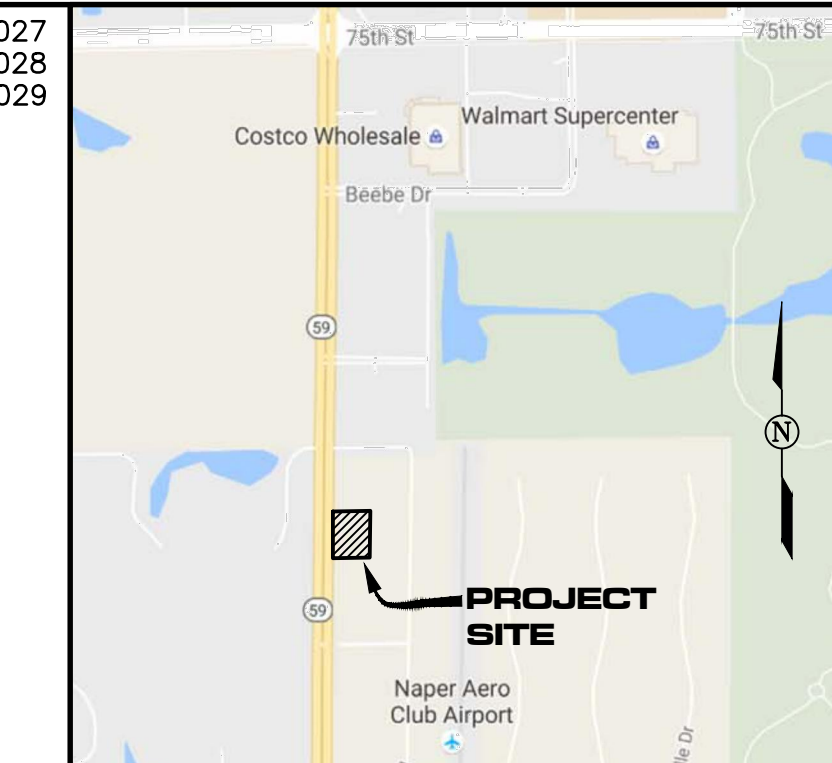
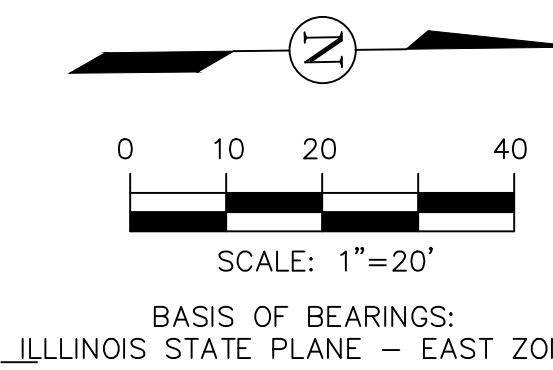


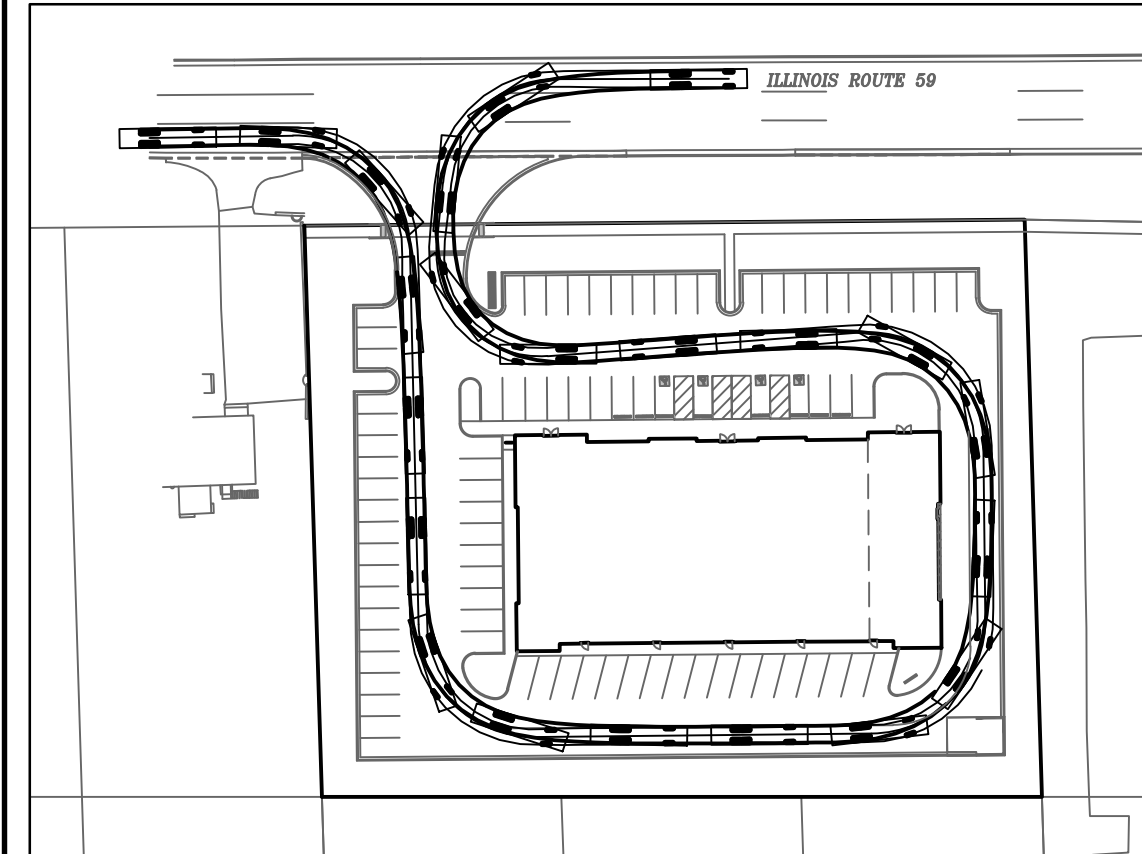
PRELIMINARY ENGINEERING PLAN FOR BEST BUY CARPET AND GRANITE NAPERVILLE, ILLINOIS

PART OF THE NORTHWEST QUARTER OF SECTION 34, TOWNSHIP 38 NORTH, RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DUPAGE COUNTY, ILLINOIS.

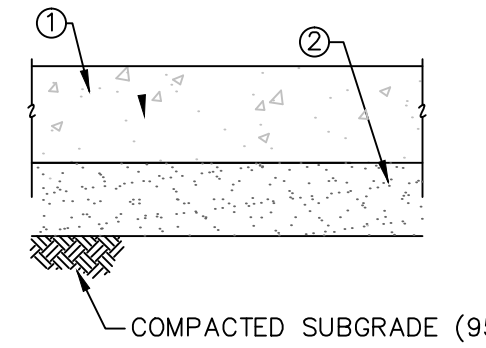
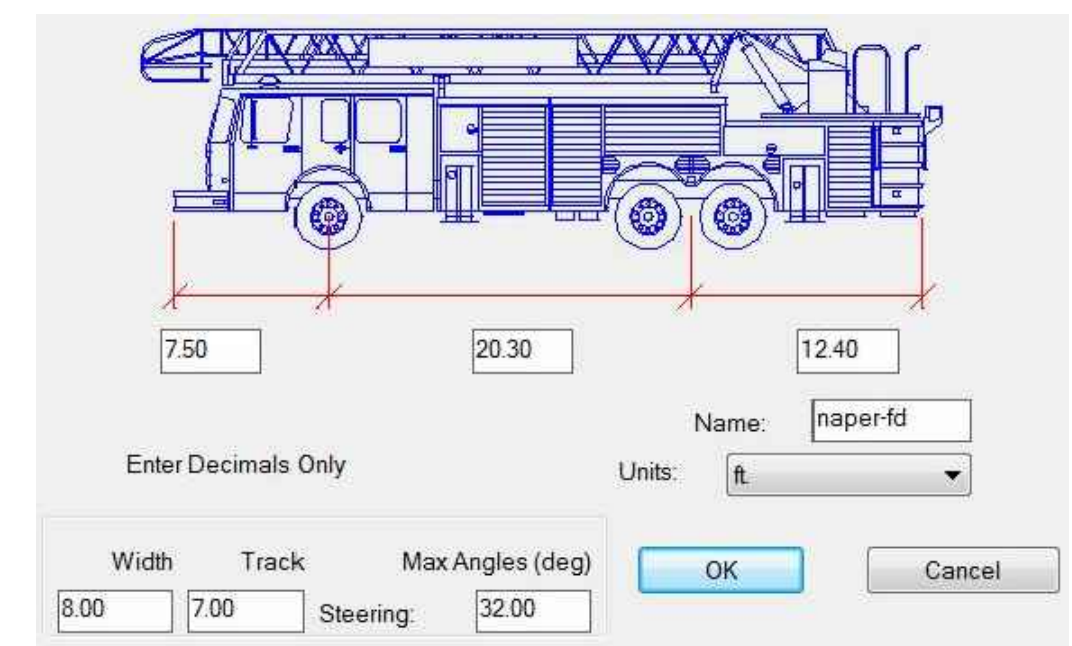
PIN: 07-34-100-027
07-34-100-028
07-34-100-029



LOCATION MAP
N.T.S.

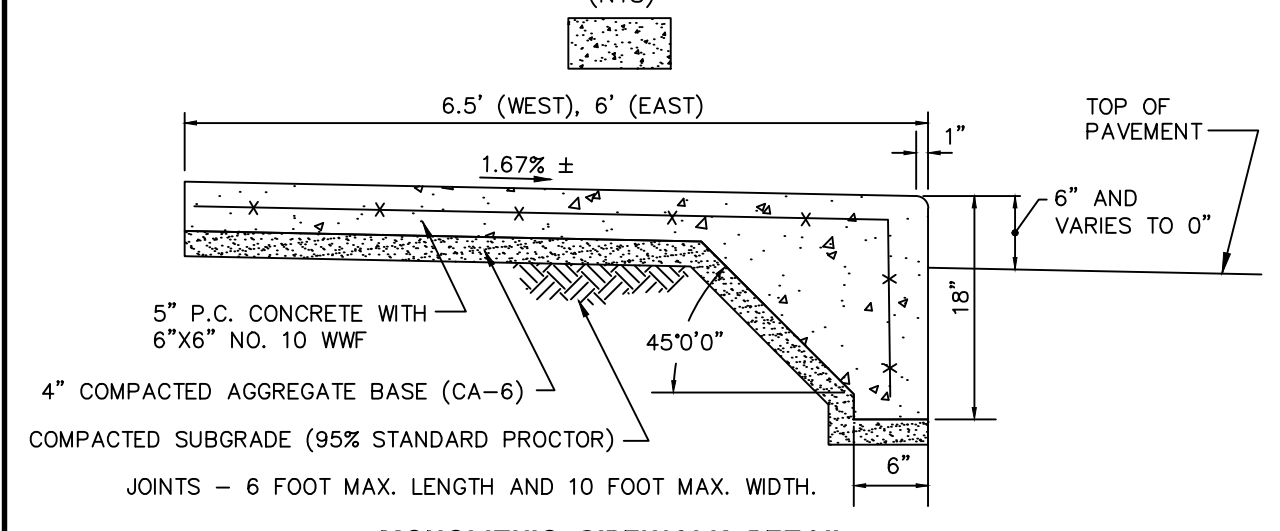


AUTOTURN DETAIL - NAPERVILLE FIRE TRUCK
SCALE: 1"=80'



- DRIVEWAY APRONS, SIDEWALK THROUGH DRIVEWAY APRONS, DUMPSTER ENCLOSURE AND DUMPSTER ENCLOSURE PAD
- 8" PORTLAND CEMENT CONCRETE, CLASS SI
 - 4" COMPACTED CA-6 AGGREGATE BASE COURSE
- SIDEWALK
- 5" PORTLAND CEMENT CONCRETE, CLASS SI (PUBLIC)
 - 5" PORTLAND CEMENT CONCRETE, CLASS SI (PRIVATE)
 - 2" COMPACTED CA-6 AGGREGATE BASE COURSE

CONCRETE PAVEMENT
(N.T.S.)



MONOLITHIC SIDEWALK DETAIL
N.T.S.

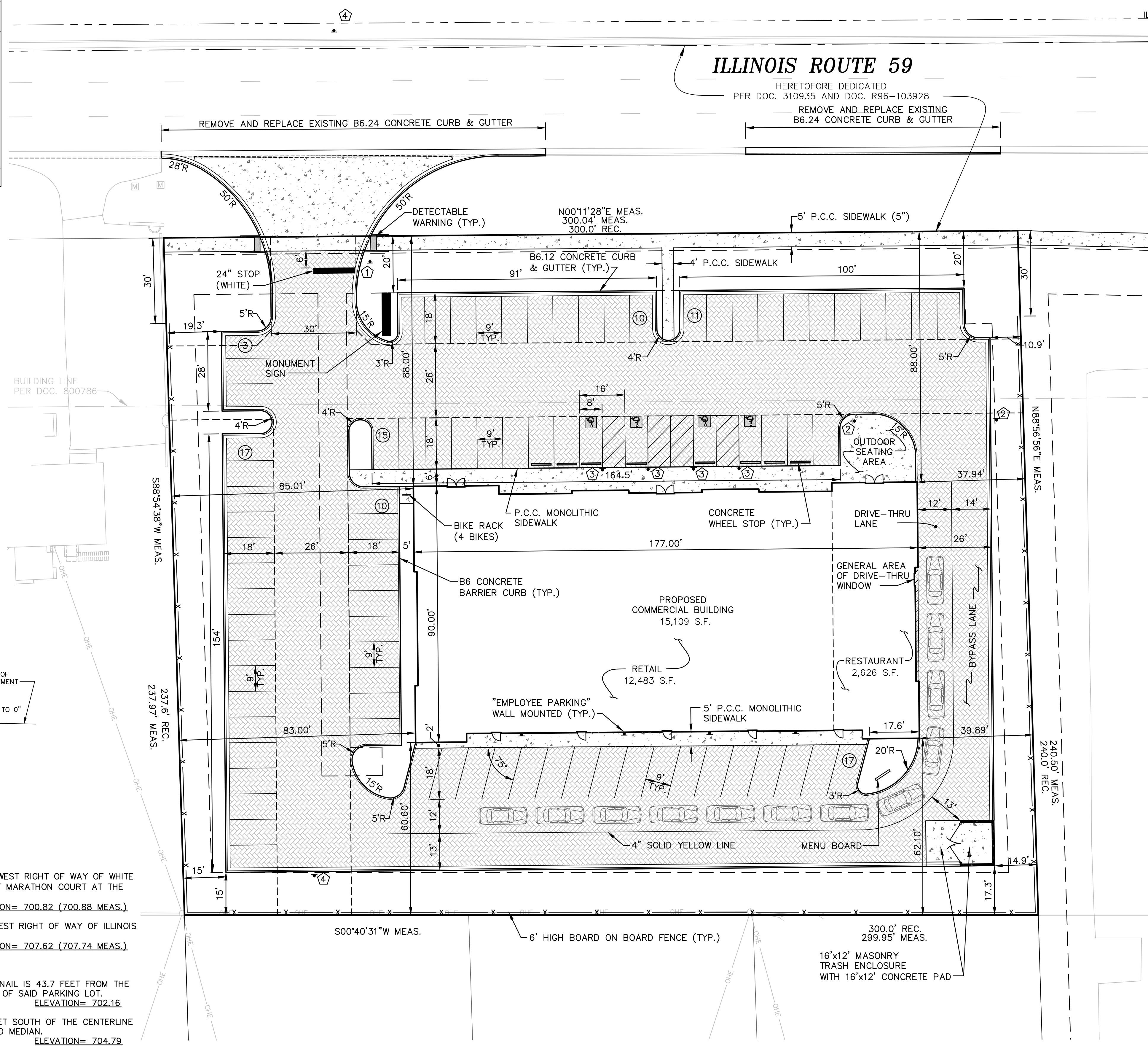
BENCHMARKS:

REFERENCE BENCHMARK:

- NAPERVILLE MONUMENT #230: BERNSTEN 3D MONUMENT ALONG THE WEST RIGHT OF WAY OF WHITE EAGLE DRIVE, APPROXIMATELY 189± FEET SOUTH THE CENTERLINE OF MARATHON COURT AT THE NORTHEAST CORNER THE ELEMENTARY SCHOOL
ELEVATION= 700.82 (700.88 MEAS.)
- NAPERVILLE MONUMENT #24: BERNSTEN 3D MONUMENT ALONG THE WEST RIGHT OF WAY OF ILLINOIS ROUTE 59 NORTH OF THE FIRST DRIVEWAY SOUTH OF 75TH STREET.
ELEVATION= 707.62 (707.74 MEAS.)

SITE BENCHMARKS:

- MAGNAIL IN THE SOUTH PARKING LOT OF CHURCH OF GOD. SAID MAGNAIL IS 43.7 FEET FROM THE NORTHWEST CORNER AND 42.6 FEET FRONT THE SOUTHWEST CORNER OF SAID PARKING LOT.
ELEVATION= 702.16
- IRON PIPE WITH CAP IN THE MEDIAN OF ILLINOIS ROUTE 59, 135± FEET SOUTH OF THE CENTERLINE OF 79TH STREET AND 6± FEET WEST OF THE EAST CURBLINE OF SAID MEDIAN.
ELEVATION= 704.79



LEGEND

- MANHOLE
 - CATCH BASIN
 - INLET
 - VALVE & VAULT
 - VALVE & BOX
 - FIRE HYDRANT
 - STREET LIGHT
 - POWER POLE
 - SIDEWALK
 - CURB
 - STORM SEWER
 - SANITARY SEWER
 - WATERMAIN
 - HEADWALL
 - END SECTION
 - CORRUGATED METAL PIPE
 - ELECTRIC LINE
 - GAS LINE
 - TELEPHONE LINE
 - FIBER OPTIC CABLE
 - OVERHEAD POWER LINES
 - CABLE TELEVISION
 - TRAFFIC SIGNAL LINE
 - STREET LIGHT CABLING
 - FENCE LINE
 - PERMEABLE PAVEMENT
 - CONCRETE
- ABBREVIATIONS**
- 000.00' M MEASURED DATA
 - 000.00' C COMPUTED DATA
 - 000.00' R RECORD DATA
 - P.U. & D.E. PUBLIC UTILITY & DRAINAGE EASEMENT
 - R= RADIUS
 - A= ARC LENGTH
 - PIN PERMANENT INDEX NUMBER
 - P.U. & D.E. PUBLIC UTILITY & DRAINAGE EASEMENT
- LINE TYPE LEGEND**
- | PROPOSED | EXISTING | DESCRIPTION |
|----------|----------|----------------------|
| --- | --- | SUBDIVISION BOUNDARY |
| --- | --- | LOT LINE |
| --- | --- | CENTER LINE |
| --- | --- | RIGHT OF WAY |
| --- | --- | ACCESS EASEMENT LINE |
| --- | --- | EASEMENT LINE |
| --- | --- | BUILDING LINE |
| --- | --- | SECTION LINE |
| --- | --- | UNDERLYING LOT LINE |

ABBREVIATIONS

Symbol	Description
STOP SIGN	R1-1 30" X 30"
RESERVED PARKING SIGN	R7-8 12" X 18"
DO NOT ENTER SIGN	R5-1 (24" X 24")
ONE WAY SIGN	R6-2 (18" X 24")

LINE TYPE LEGEND

PROPOSED	EXISTING	DESCRIPTION
---	---	SUBDIVISION BOUNDARY
---	---	LOT LINE
---	---	CENTER LINE
---	---	RIGHT OF WAY
---	---	ACCESS EASEMENT LINE
---	---	EASEMENT LINE
---	---	BUILDING LINE
---	---	SECTION LINE
---	---	UNDERLYING LOT LINE

SITE DATA

GROSS BOUNDARY:	71,745 S.F. OR 1.647 AC.
EXISTING PERVIOUS AREA	50,818 S.F. 70.83%
EXISTING IMPERVIOUS AREA	20,927 S.F. 29.17%
PROPOSED PERVIOUS AREA	16,863 S.F. 23.51%
PROPOSED PERMEABLE PAVEMENT AREA	33,342 S.F. 46.47%
PROPOSED IMPERVIOUS AREA (INCLUDES BUILDING)	21,540 S.F. 30.02%
PROPOSED BUILDING AREA	15,109 S.F.
PARKING REQUIRED:	
[12,483/1000 SF] x 4.5 SPACES/1000 SF (RETAIL)	56 SPACES
[2,626/1000 SF] x 10 SPACES/1000 SF (RESTAURANT)	26 SPACES
TOTAL	82 SPACES
PARKING PROVIDED:	
REGULAR SPACES=	79 SPACES
HANDICAP SPACES=	4 SPACES
TOTAL SPACES PROVIDED=	83 SPACES

ROAKE AND ASSOCIATES, INC.
CONSULTING ENGINEERS • LAND SURVEYORS • PLANNERS
1684 QUINCY AVENUE, SUITE 100A • NAPERVILLE, ILLINOIS 60640
TEL (630) 366-3232 • FAX (630) 366-3267

PREPARED FOR:
BEST BUY CARPET AND GRANITE
585 SOUTH ROUTE 59
AURORA, ILLINOIS 60540
TEL. (630) 791-5472

REVISIONS

NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
1	10/11/17	REV. PER CITY RVW (DATED 9/15/17)			

BEST BUY CARPET AND GRANITE - NAPERVILLE, IL
PRELIMINARY ENGINEERING - SITE DIMENSION PLAN
DRN./CKD. BY: SRH/JGC FILE: 8381P FLD. BK./PG.: 263/76-78 SHEET NO. 1 OF 3
SCALE: 1"=20' DATE: 08/21/17 JOB NO.: 838.001

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