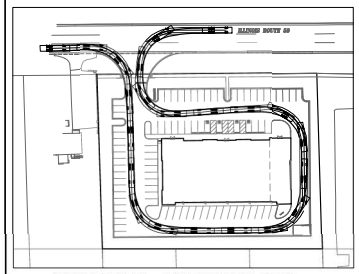
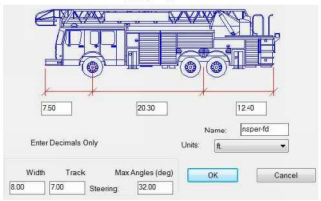
PRELIMINARY ENGINEERING PLAN
FOR
BEST BUY CARPET AND GRANITE
NAPERVILLE, ILLINOIS

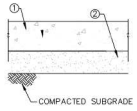
PART OF THE NORTHWEST QUARTER OF SECTION 34, TOWNSHIP 38 NORTH, RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DUPAGE COUNTY, ILLINOIS.

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



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





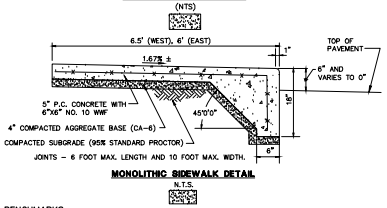
DRIVEWAY APRONS, SIDEWALK THROUGH DRIVEWAY APRONS, DUMPSTER ENCLOSURE AND DUMPSTER ENCLOSURE PAD

① 8" PORTLAND CEMENT CONCRETE, CLASS SI
② 4" COMPACTED CA-6 AGGREGATE BASE COURSE

SIDEWALK

① 5" PORTLAND CEMENT CONCRETE, CLASS SI (PUBLIC)
5" PORTLAND CEMENT CONCRETE, CLASS SI (PRIVATE)
② 2" COMPACTED CA-6 AGGREGATE BASE COURSE

CONCRETE PAVEMENT
(NTS)



MONOLITHIC SIDEWALK DETAIL
N.T.S.

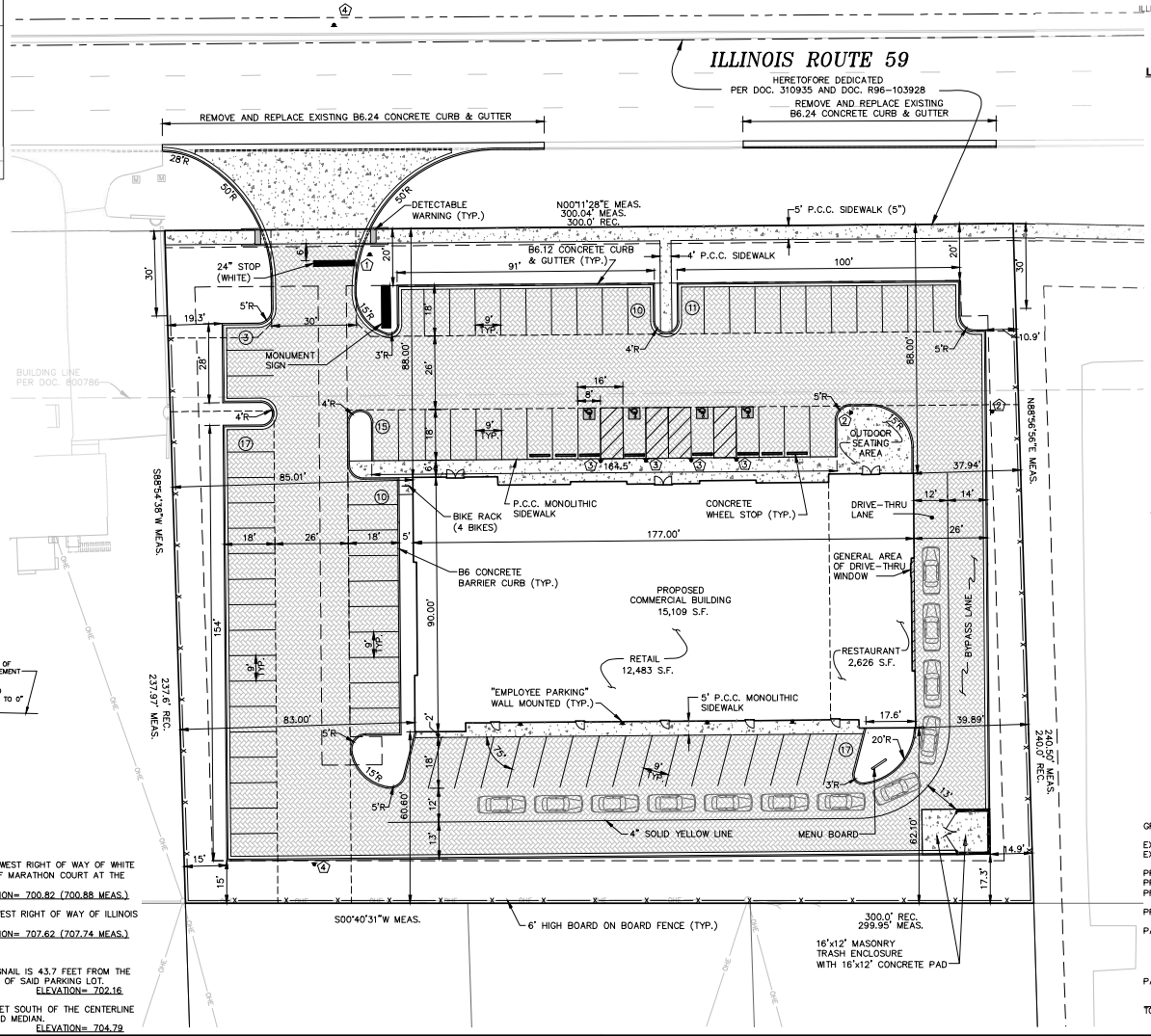
BENCHMARKS:

REFERENCE BENCHMARK:

1. 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.)
2. 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:

1. 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
2. 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



0 10 20 40
SCALE: 1"=20'

BASIS OF BEARINGS:
ILLINOIS STATE PLANE - EAST ZONE

LOCATION MAP
N.T.S.

LEGEND

- MANHOLE
- CATCH BASIN
- INLET
- VALVE & VAULT
- VALVE & BOX
- FIRE HYDRANT
- STREET LIGHT
- POWER POLE
- SIDEWALK
- CURB
- STORM SEWER
- SANITARY SEWER
- W — WATERMAIN
- HEADWALL
- END SECTION
- CORRUGATED METAL PIPE
- E — ELECTRIC LINE
- G — GAS LINE
- T — TELEPHONE LINE
- FO — FIBER OPTIC CABLE
- OHE — OVERHEAD POWER LINES
- TV — CABLE TELEVISION
- TS — TRAFFIC SIGNAL LINE
- SL — STREET LIGHT CABLING
- X — FENCE LINE
- PERMEABLE PAVEMENT
- CONCRETE

① STOP
R1-1
30" X 30"

② DO NOT ENTER
R5-1
(24"x 24")

③ RESERVED PARKING
R7-8
12" X 18"

$250 FINE
SIGN REQUIRING "$250 FINE"
ILLINOIS STANDARD
R7-1101

VAN ACCESSIBLE
VAN ACCESSIBLE SIGN
18" X 9"
2" SERIES D LETTERS

④ ONE WAY
R6-2
(18"x 24")

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

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	

CITY PROJECT NO. 17-10000093

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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	

EXHIBIT B

EXHIBIT B