

PAVEMENT ADDITION
991 W. OGDEN AVENUE
NAPERVILLE, ILLINOIS

1. All roadway and pavement construction shall comply with the requirements of the Illinois Department of Transportation "Standard Specifications for Road and Bridge Construction", latest edition, except as may be modified by the project plans and specifications.
2. All underground construction shall comply with the requirements of the "Standard Specifications for Water and Sewer Main Construction" of the Illinois Department of Transportation, latest edition, except as may be modified by the project plans and specifications.
3. Water mains shall be protected in accordance with the requirements of the Illinois EPA. Where a sewer crosses a water main, a minimum vertical separation of 18" shall be provided between the top of the sewer pipe and the bottom of the water main pipe. Where this 18" vertical separation is not provided or when the water main crosses below the sewer, the sewer shall be constructed to water main standards for a minimum of 10 feet on each side of the water main unless otherwise noted on the drawings. If the water main crosses over the sewer, the sewer shall be constructed to sewer standards in all cases. Minimum water main cover is 5.5 feet. Minimum horizontal separation of 10' between sewer and water main is required.

SPECIAL NOTE:

THE CONTRACTOR SHALL AT ALL TIMES CONDUCT HIS WORK IN A MANNER AS TO MINIMIZE HAZARDS TO VEHICULAR AND PEDESTRIAN TRAFFIC. TRAFFIC CONTROLS AND WORK SITE PROTECTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF CHAPTER 12.05 OF THE ILLINOIS CONSTRUCTION CODE, 2012 EDITION, AND THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. ALL SIGNS, BARRICADES, FLAGGERS, ETC. REQUIRED FOR TRAFFIC CONTROL SHALL BE FURNISHED BY THE CONTRACTOR. ANY WORK IN THE ROYAL ST. GEORGE DRIVE OR W. GORDON AVENUE RIGHT-OF-WAY SHALL COMPLY WITH ALL IDOT AND CITY OF NAPERVILLE STANDARDS AND REQUIREMENTS.

INDEX OF DRAWINGS

SITE BENCHMARK:
BENCHMARK NO. 1=684.91=ELEVATION OF NORTH
WEST UPPER FLANGE BOLT ON FIRE HYDRANT LOCATED
AT THE NORTHEAST CORNER OF W. OGDEN AVENUE
AND ROYAL ST. GEORGE DRIVE. (NAVD88 DATUM).

SPECIAL NOTE

Prior to the commencement of construction, the contractor shall meet with the construction representative of the Marathon Gas Station to discuss the construction schedule for the project. The existing Marathon Gas Station shall remain in full operation and open to employees and customers at all times during the course of this project. Work shall be scheduled and performed in a manner that does not interfere with the normal operation of the station. This includes, but is not limited to, the use of devices, flag men, etc. as required to insure safe passage for vehicular and pedestrian traffic to and from the facilities. The contractor shall so conduct and stage his work such that there is always an adequate parking area available. The existing parking areas and walkways shall remain free from mud, dirt, debris and contractor's stored materials at all times. Construction, except for those areas shown on the plan, shall be removed and replaced. Saw cutting, removal and replacement of pavement shall be conducted so as to minimize inconvenience to vehicles and pedestrians, and shall allow safe access to entrances at all times. The contractor shall use only rubber tired equipment on and over those areas of existing pavement to be replaced and shall replace in kind any sections of existing pavement shown to remain that are damaged by his operations at no additional cost.

PREPARED BY
**NORTHWESTERN ENGINEERING
CONSULTANTS, P.C.**
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-002695
LICENSE EXPIRES 4-30-27
675 N. NORTH COURT
PALATINE, ILLINOIS 60067
(847) 520-8410
DECEMBER 11, 2024

Daniel M. Hardy
3-26-25
LIC. EXP. 11-30-25

1. All work shall be performed in a manner so as not to unreasonably impair or interfere with the use, occupancy or enjoyment of, or with any business conducted on, any adjacent property.
2. At all times during the performance of any Work all areas other than the construction site proper and the staging area shall be kept free from any loose dirt, debris, equipment or construction materials relating to the work.
3. Upon completion of the Work, Constructing Party shall promptly restore the area to as good or better condition than existed before the use of the area commenced. Restoration shall include, without limitation, repairing and/or replacing any loose dirt, debris, equipment and construction materials, the repair or replacement of paving, striping and landscaping, and the repair or replacement of any and all damaged areas or improvements.

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BENCHMARK:
BENCHMARK NO. 1=684.91=ELEVATION OF NORTH
WEST UPPER FLANGE BOLT ON FIRE HYDRANT LOCATED
AT THE NORTHEAST CORNER OF W. OGDEN AVENUE
AND ROYAL ST. GEORGE DRIVE. (NAVD88 DATUM).

OPERATES 24 HOURS
365 DAYS
CALL J.U.L.I.E. 1-800-892-0123
WITH THE FOLLOWING: DUPAGE
COUNTY
CITY-TOWNSHIP NAPERVILLE
SEC. & 1/4 SEC. NO. 11 & 12-38-9
48 HOURS BEFORE YOU DIG
EXCLUDING SAT., SUN. & HOLIDAYS

SANITARY MANHOLE
CLOSED
RIM=684.39
E=672.19(N)-524"VCP

STORM STRUCTURE
CURB GRATE
RIM=683.41
E=681.41(NW)8"RCP

R=1233.82'(R=M)
A=124.70'(R=M)
CH=124.65'(M)
CB=N23°57'50"W(M)

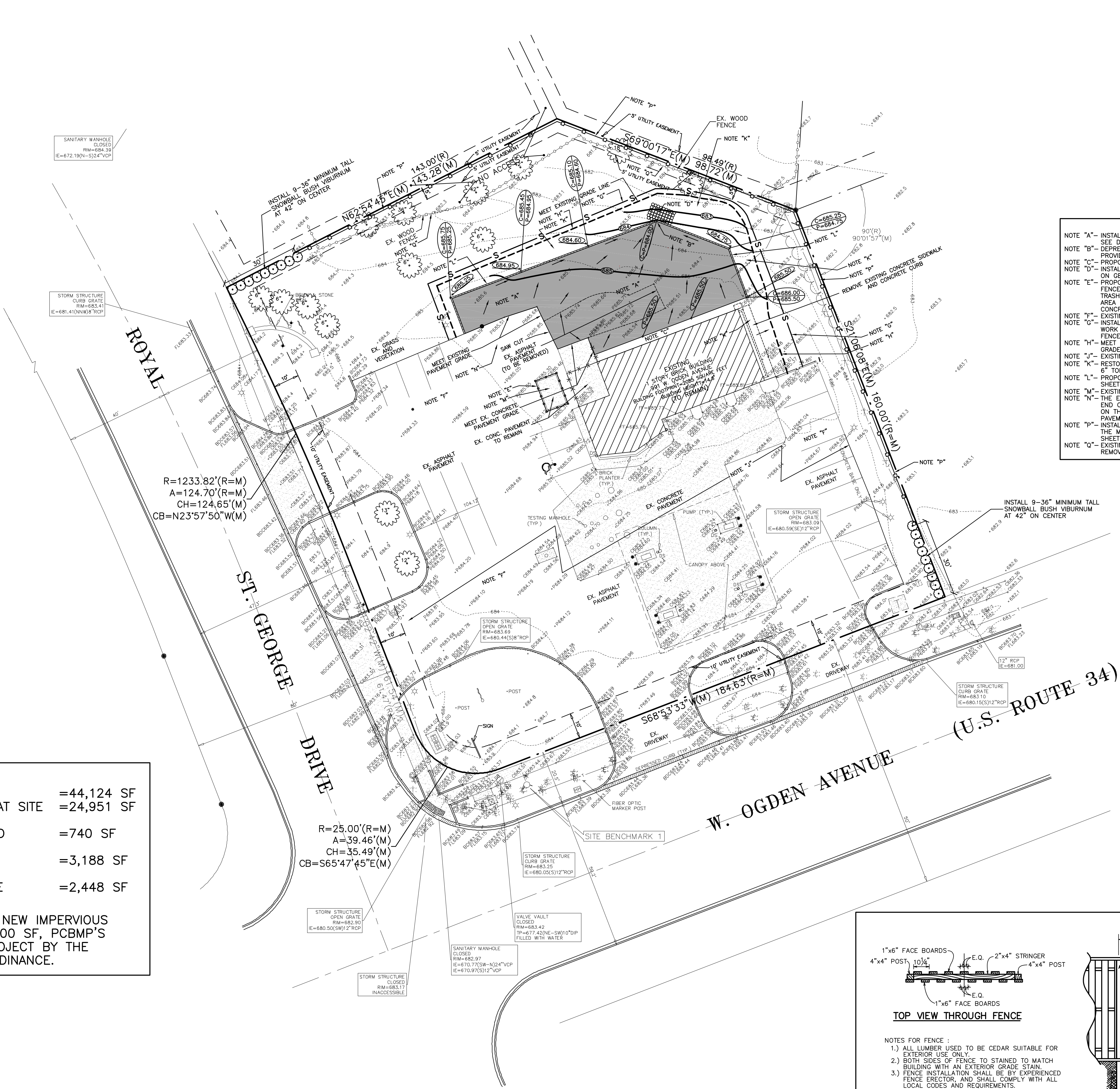
R=25.00'(R=M)
A=39.46'(M)
CH=35.49'(M)
CB=S65°47'45"E(M)

SITE IMPERVIOUS AREA SUMMARY
TOTAL AREA OF SITE =44,124 SF
CURRENT IMPERVIOUS SURFACE AREA AT SITE =24,951 SF
(ALL INSTALLED BEFORE 2013)
IMPERVIOUS PAVEMENT TO BE REMOVED =740 SF
AS PART OF THIS PROJECT.
NEW ASPHALT PAVEMENT INSTALLED =3,188 SF
AS PART OF THIS PROJECT
NET INCREASE IN IMPERVIOUS SURFACE =2,448 SF
AREA AS PART OF THIS PROJECT.

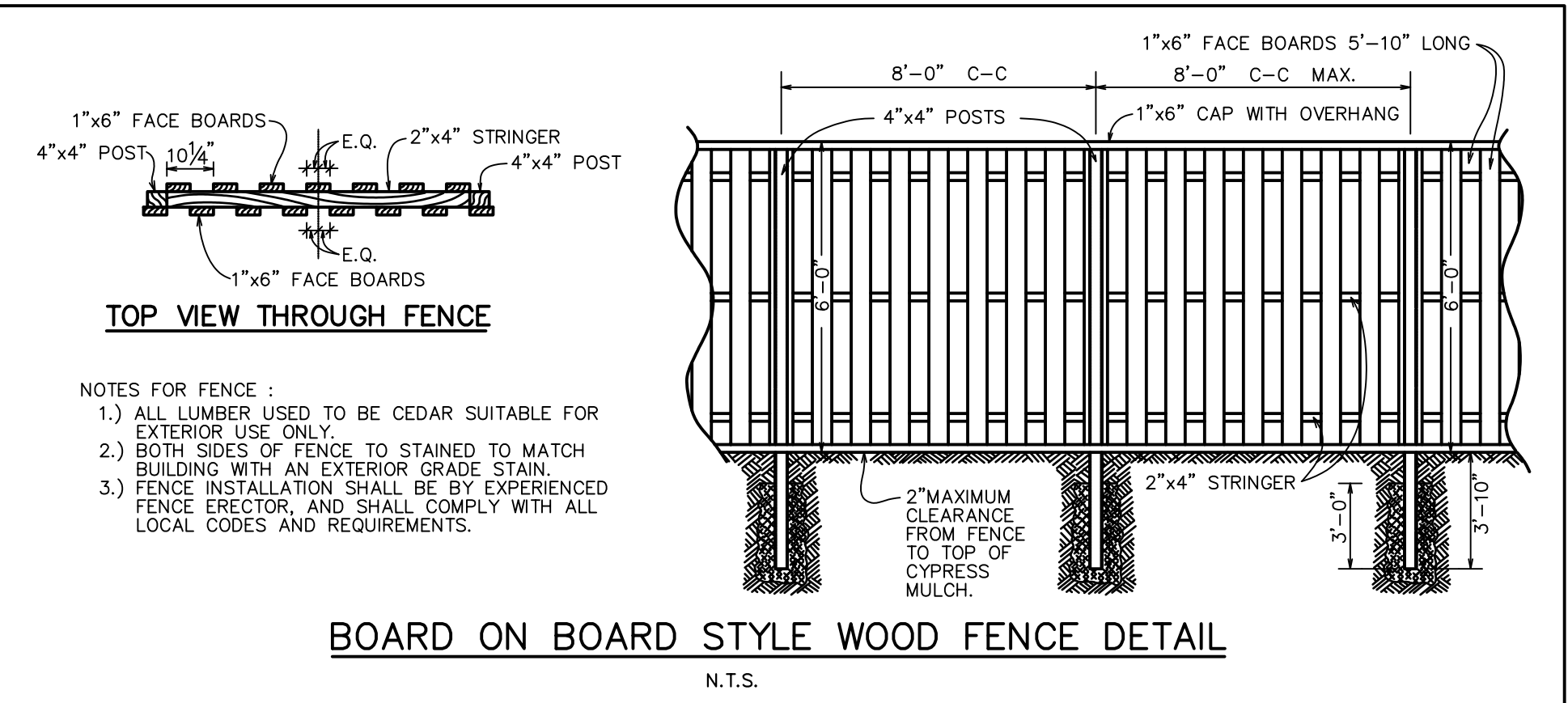
∴ SUMMARY STATEMENT: SINCE THE NEW IMPERVIOUS
SURFACE AREA IS LESS THAN 2,500 SF, PCBMP'S
ARE NOT REQUIRED FOR THIS PROJECT BY THE
DUPAGE COUNTY STORMWATER ORDINANCE.

SPECIAL NOTE:
Existing grades and improvements are shown from the best
information available and must be verified in the field by the
contractor prior to the start of construction. Any discrepancy
with the plan shall be immediately reported to the engineer.

NOTE:
ALL DIMENSIONS ARE TO THE EDGE OF
PAVEMENT UNLESS OTHERWISE NOTED.



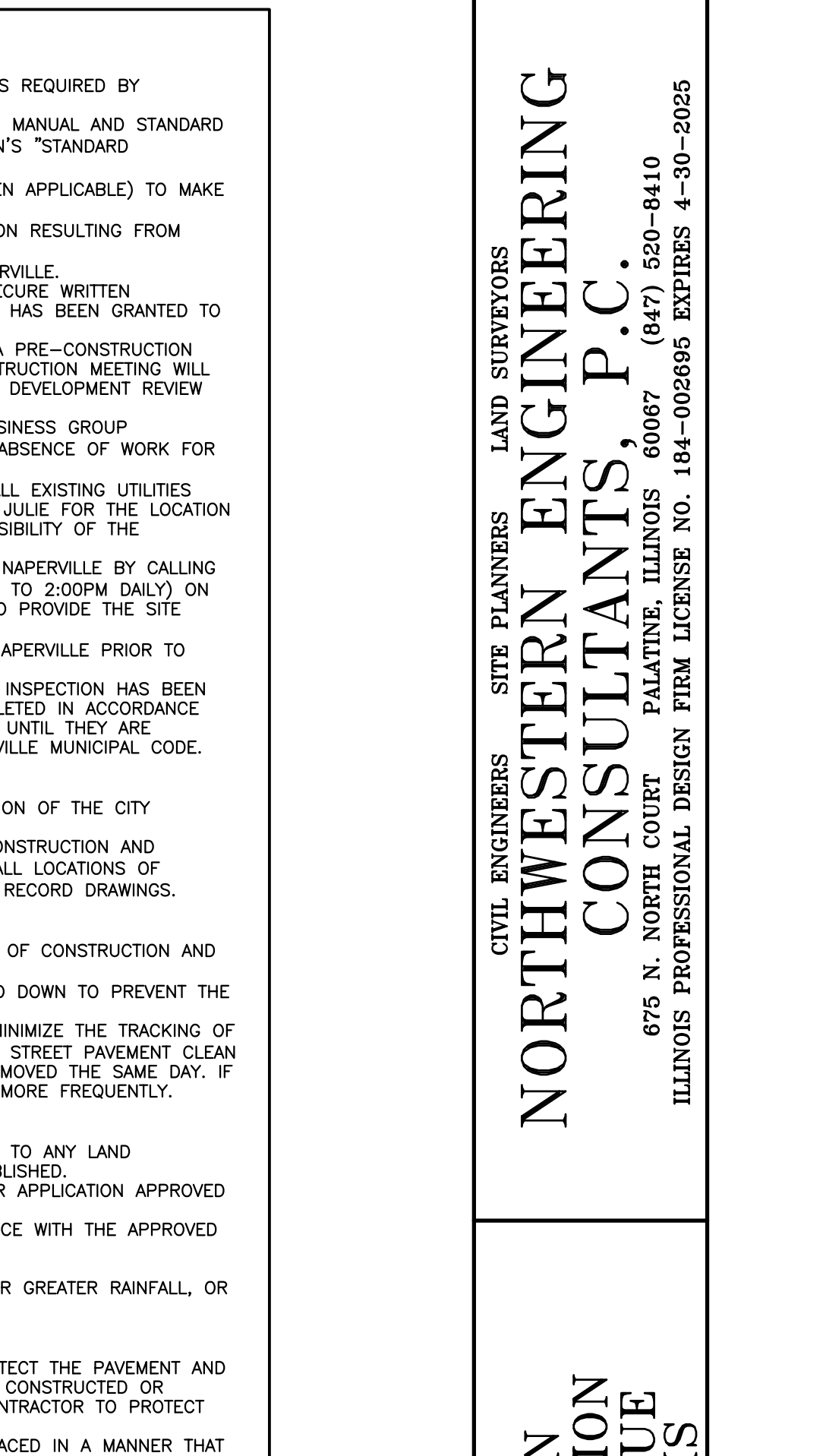
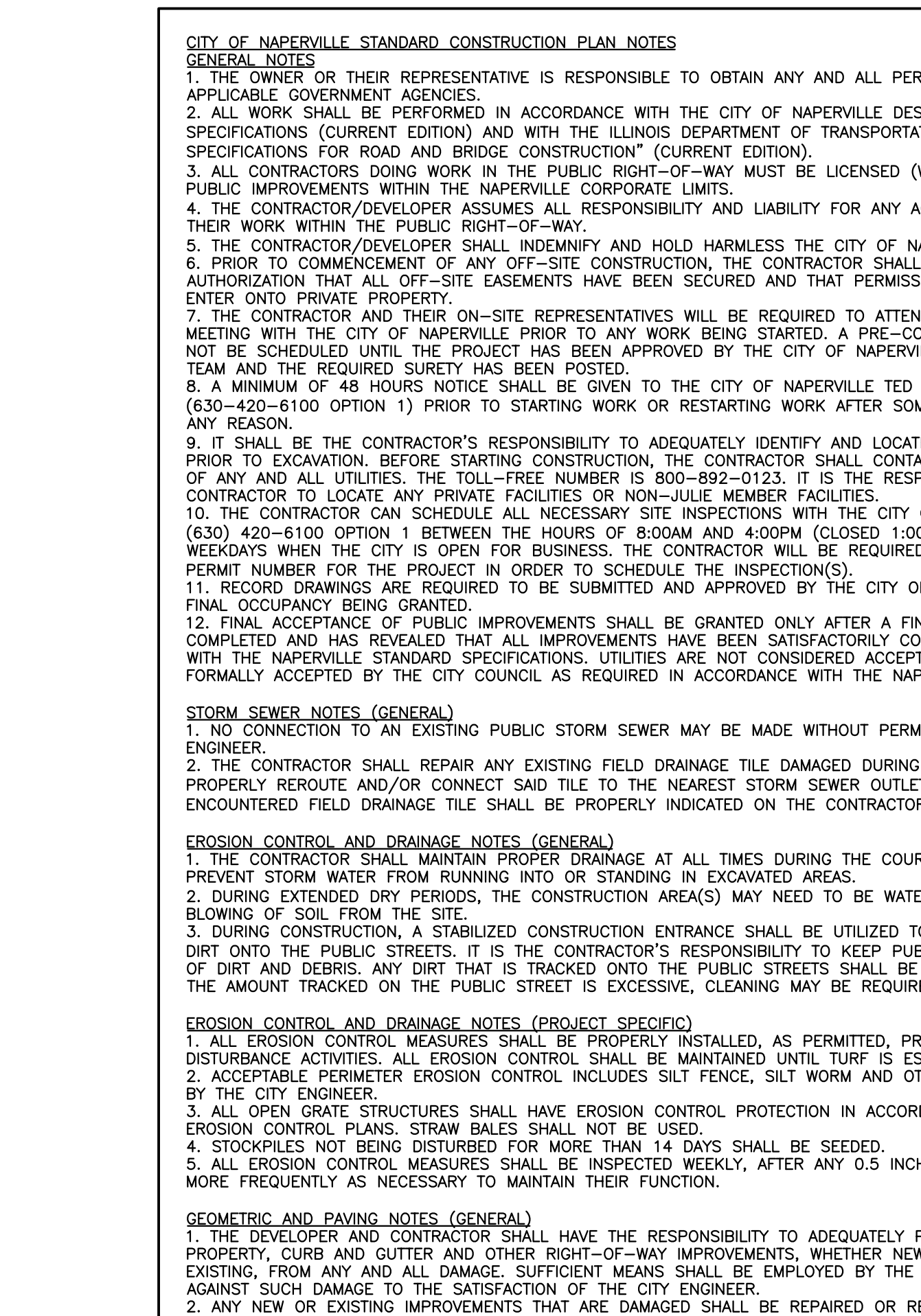
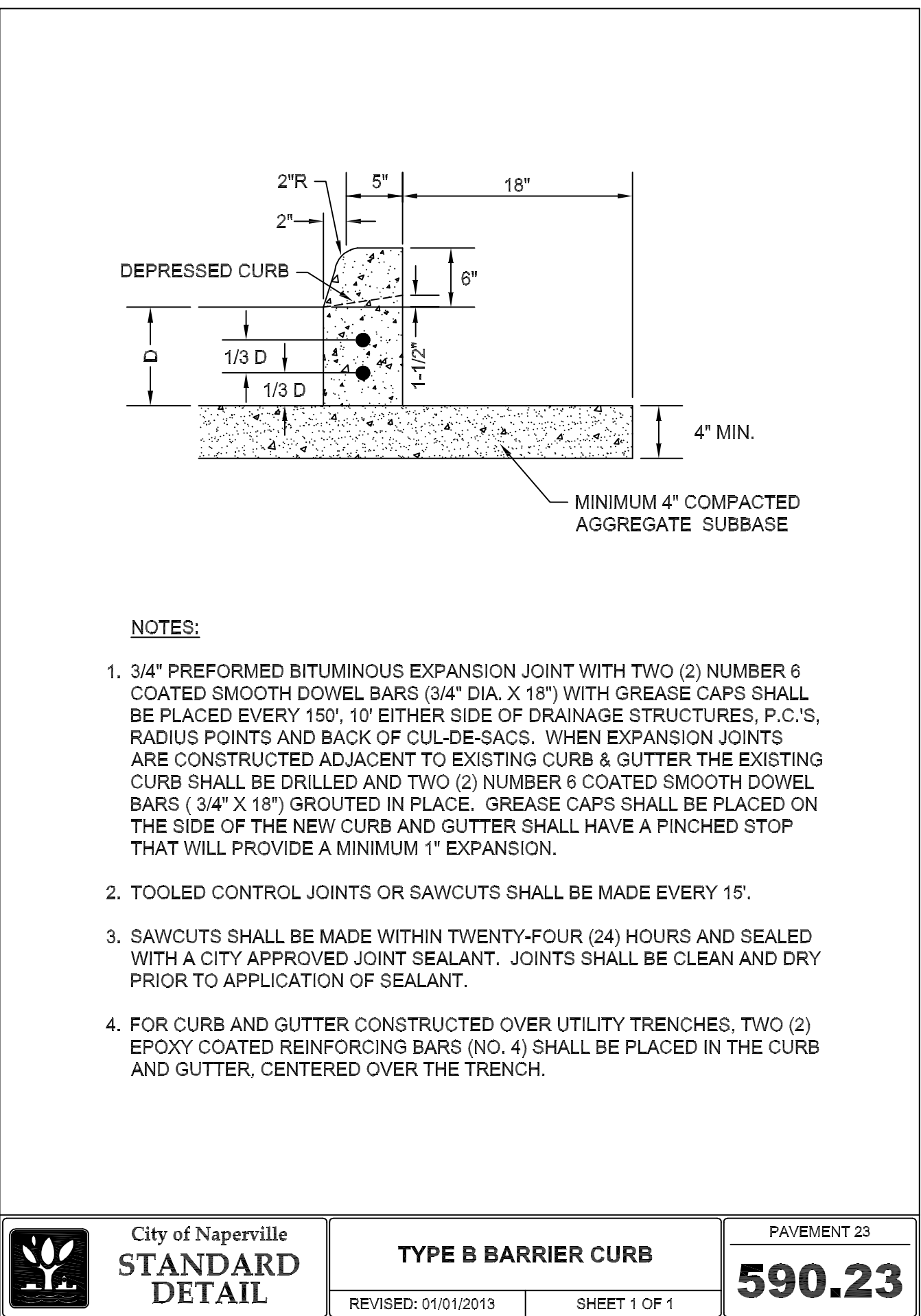
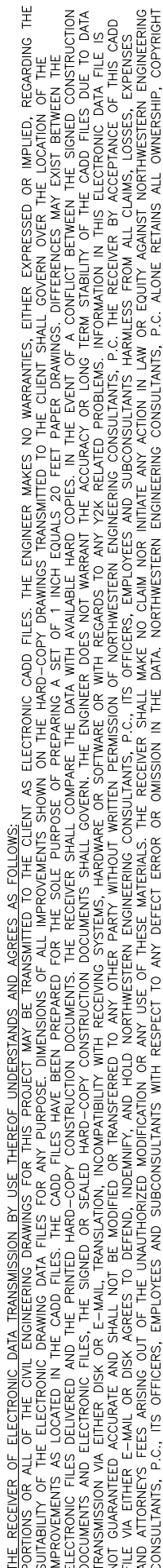
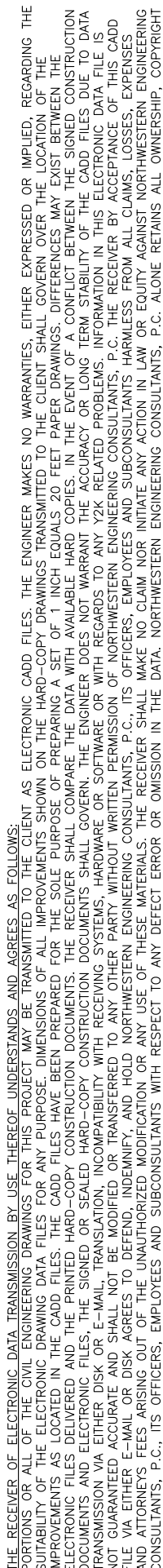
CONSTRUCTION NOTES
NOTE "A"- INSTALL NEW PARKING LOT PAVEMENT (SHADED AREA).
SEE DETAIL, SHEET C-3.
NOTE "B"- DEPRESS A 4' LONG SECTION OF CURB AT BEND TO
PROVIDE POSITIVE DRAINAGE TO RIP RAP AREA.
NOTE "C"- PROPOSED LANDSCAPED AREA.
NOTE "D"- INSTALL 60 S.F. OF 8"-12" STONE RIP RAP (18" THICK)
ON GEOTEXTILE FABRIC FOR EROSION CONTROL PURPOSES.
NOTE "E"- PROPOSED 6' HIGH SOLID COMMERCIAL GRADE WOOD
FENCE WITH WOOD GATE ON WEST SIDE TO SERVE AS A
TRASH ENCLOSURE FOR THIS SITE. THE NEW FENCED
AREA SHALL COMPLETELY SURROUND THE EXISTING
CONCRETE PAD.
NOTE "F"- EXISTING ASPHALT PAVEMENT TO REMAIN.
NOTE "G"- INSTALL SILT FENCE PRIOR TO THE COMMENCEMENT OF
WORK ON THE CONSTRUCTION PROJECT. REMOVE SILT
FENCE WHEN VEGETATION IS ESTABLISHED.
NOTE "H"- MEET EXISTING GRADE ALONG THE "MEET EXISTING
GRADE LINE" INDICATED ON PLAN.
NOTE "J"- EXISTING SITE IMPROVEMENTS TO REMAIN.
NOTE "K"- RESTORE ALL DISTURBED NON-PAVEMENT AREAS WITH
6" TOPSOIL (MINIMUM) AND SODDING.
NOTE "L"- PROPOSED CONCRETE BARRIER CURB TYPE B. SEE DETAIL,
SHEET C-3.
NOTE "M"- EXISTING CONCRETE PAD TO REMAIN.
NOTE "N"- THE EXISTING PAVEMENT STRIPING IN THE AREA AT THE
END OF THE MOST NORTHERLY ROW OF PARKING STALLS
ON THE SITE IMMEDIATELY ADJACENT TO THE NEW
PAVEMENT SHALL BE REMOVED.
NOTE "P"- INSTALL NEW 6' HIGH WOOD FENCE ONE FOOT INSIDE OF
THE MARATHON PROPERTY LINE. SEE FENCE DETAIL, THIS
SHEET.
NOTE "Q"- EXISTING WOOD FENCE ON MARATHON PROPERTY TO BE
REMOVED.



CIVIL ENGINEERS SITE PLANNERS LAND SURVEYORS
**NORTHWESTERN ENGINEERING
CONSULTANTS, P.C.**
675 N. NORTH COURT PALATINE, ILLINOIS 60067 (847) 520-8410
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-002685 EXPIRES 4-30-2027

GRADING AND DRAINAGE PLAN
PAVEMENT ADDITION
MARATHON GAS STATION
991 W. OGDEN AVENUE
NAPERVILLE, ILLINOIS

NO.	DATE	DESCRIPTION
1	2-12-25	REVISED PER CITY REVIEW
2	3-26-25	ADDED LANDSCAPE BUFFERS
DRAWN BY: KRL CHECKED BY: DMH DATE: 12-11-24 SCALE: 1"=20'		
DRAWING NO. C-2		
JOB NO. 20-47		

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