# SITE ENGINEERING
# DAY CARE FACILITY
## 628 N. RIVER ROAD, NAPERVILLE, IL

GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING JULIE FOR UTILITY LOCATES A MINIMUM OF 48 HOURS IN ADVANCE OF BEGINNING EXCAVATION.
2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ON THE JOB SITE. CONTRACTOR TO TAKE ALL OSHA REGULATED AND APPLICABLE LOCAL SAFETY PRECAUTIONS TO SAFE GUARD ALL POTENTIALLY HAZARD SITES/WORK.
3. ANY OPEN EXCAVATIONS, OR POTENTIALLY DANGEROUS AREAS SHALL BE FENCED OR GUARDED IN AN ACCEPTABLE MANNER AT THE END OF EACH DAY FOR THE PROTECTION OF THE CONTRACTOR'S EMPLOYEES AND GENERAL PUBLIC SAFETY.
4. THE CONTRACTOR SHALL BE REQUIRED TO OBTAIN ALL NECESSARY PERMITS AS REQUIRED, PRIOR TO COMMENCING CONSTRUCTION.
5. THE ILLINOIS DEPARTMENT OF TRANSPORTATION " STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, AND ALL ADDENDA THERETO, AND CITY OF NAPERVILLE REQUIREMENTS SHALL GOVERN THE EARTHWORK AND PAVING WORK UNDER THIS CONTRACT.
6. THE " STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS," LATEST EDITION, SHALL GOVERN THE UNDERGROUND WORK UNDER THIS CONTRACT, EXCEPT AS MODIFIED BY THESE SPECIFICATIONS, OR WHERE IN CONFLICT WITH CITY OF NAPERVILLE STANDARDS.
7. ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH OSHA REQUIREMENTS AND VILLAGE OF BARTLETT REGULATIONS AND STANDARDS,AND SHALL CONFIRM IN ALL RESPECTS TO ALL STATE AND FEDERAL LAWS AND REGULATIONS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ON JOB SITE.
8. THE CONTRACTORS SHALL NOTIFY ALL UTILITY COMPANIES FOR FILED LOCATIONS OF THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. ANY UTILITY LOCATIONS SHOWN ON THE PLANS ARE BASED ON AVAILABLE RECORDS AND ARE FOR GENERAL DIRECTION ONLY.
9. CONSTRUCTION OPERATION SHALL BE CONDUCTED IN SUCH A WAY AS TO PREVENT TRACKING OF MUD OR SOIL, DEBRIS, ASPHALT AND CONCRETE ONTO PUBLIC THOROUGHFARES. AT THE END OF EACH DAY, THE CONTRACTOR SHALL REMOVE MATERIALS DEPOSITED ONTO PUBLIC STREETS AND ALLEYS.
10. PUBLIC STREETS AND ALLEYS SHALL BE RESTORED PROMPTLY MEETING CITY OF NAPERVILLE STANDARDS AND SPECIFICATIONS.
11. THE CONTRACTOR SHALL VERIFY THE EXACT ELEVATION AND LOCATION OF ALL EXISTING UTILITIES AND APPURTENANCES PRIOR TO CONSTRUCTION, TO AVOID INTERFERENCES. APPROPRIATE PRECAUTIONS SHALL BE TAKEN TO AVOID DAMAGE TO AND TO PROTECT EXISTING UTILITIES AND APPURTENANCES IN THE VICINITY OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ROTECTION OF ALL UNDERGROUND OR OVERHEAD UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE VILLAGE AND THE OWNER, OR REPLACED.
12. ALL EXCAVATION SHALL BE TAPERED, OR, SHORED AND MAINTAINED PUMPED DRY.
13. DO NOT CREATE DUST OR OTHER NUISANCE TO NEIGHBORING PROPERTIES DURING CONSTRUCTION
14. "NO TRESPASSING" SIGNS SHALL BE MOUNTED ON THE FENCING IN CONSPICUOUS LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND APPROVED
15. ANY GATE IN THE PERIMETER FENCE SHALL BE ADEQUATELY HINGED TO PREVENT ENTRY, EXCEPT TO ALLOW INGRESS AND EGRESS TO AND FROM SITE, SUCH GATE MUST BE LOOKED AT ALL TIMES, OTHER THAN PERMITTED HOURS OF CONSTRUCTION.
16. ALL BUILDING LAYOUTS SHOULD BE DONE BY A REGISTERED LAND SURVEYOR AFTER CONFIRMING THE PROPERTY CORNERS IN THE FIELD. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER PRIOR TO INITIATING CONSTRUCTION.

PROJECT NARRATIVE

GENERAL:
NEW DAY CARE FACILITY ON PAD READY SITE IN EXISTING DEVELOPMENT.

AREA SUMMARY:
TOTAL AREA OF SITE: 1.19 ACRES
DISTURBED AREA OF SITE: 1.19 ACRES

SPECIAL PROTECTION AREAS:
DuPAGE RIVER FLOODPLAIN OVER 200' OF SITE.
NO WETLANDS WITHIN 100' OF THE SITE.

UPSTREAM TRIBUTARY:
THERE IS NO UPSTREAM TRIBUTARY AREA FOR THE SITE.

STORM SEWERS:
PROPOSED PROJECT WILL UTILIZE EXISTING STORM SEWERS WITH NEW ROOF DRAINS.

DETENTION/VOLUME CONTROL FACILITY:
STORMWATER MANAGEMENT BY EXISTING DETENTION BASIN PER DUPAGE COUNTY REQUIREMENTS.
NO STORMWATER MANAGEMENT REQUIRED – EXISTING BASINS PROVIDE BOTH STORMWATER DETENTION AND BMPs.

SANITARY SEWERS:
PROPOSED PROJECT WILL CONNECT TO EXISTING SANITARY SERVICE STUB. SEWER TREATMENT AND TRANSMISSION PROVIDED BY CITY OF NAPERVILLE.

WATERMAIN:
PROPOSED PROJECT WILL CONNECT TO EXISTING WATER SERVICE STUB. WATER PROVIDED PROVIDED BY CITY OF NAPERVILLE.

SOILS/INFILTRATION RATE:
UNDERLYING SOILS HEAVILY MODIFIED AS SITE WAS MASS GRADED AS A PART OF OVERALL SITE DEVELOPMENT

GROUNDWATER ELEVATION:
UNKNOWN.

**City of Naperville Survey Monument**

**City of Naperville**
Transportation, Engineering, and Development
(TED) Business Group
400 S. Eagle Street
Naperville, IL 60540
Phone: 630-305-7001

**Station No.:** 8 — **Date Established:** 12/08/1994
**Order of Accuracy:** **Horizontal** 1st **Vertical** 2nd Class I — **Date Last Checked:** 11/11/2005
**Station Elevation:** 711.40 (Ft) — **Naperville Field Checked:** 10/08/2008
**Note:** Any and all parties utilizing the vertical elevation listed above should always check at least one other monument.

**Horizontal Datum:** NAD83 (2007) Illinois State Plane Transverse Mercator, East Zone
**Vertical Datum:** NAVD 1988 Adjustment
**North:** 1,869,327.50 (Ft) **East:** 1,023,602.13 (Ft)
**Lattitude:** 41° 47' 55.88996" (N) **Longitude:** 088° 11' 20.43724" (W)

**NOTE : The coordinates shown are Illinois State Plane grid not ground.**

**Description:**
Bernsten 3D Top Security Monument. Consisting of a 9/16" Dia. Stainless Steel Datum Point On Threaded 9/16" x 4' Long Rod Totaling (8') In Length With Greased Top Security Sleeve Enclosed In Sand And 6" PVC Pipe With BMAC 6 Aluminum Access Cover.

LEGAL DESCRIPTION:

THAT PART OF LOT 1 IN RIVERWOODS OFFICE CAMPUS, BEING A SUBDIVISION OF PART OF SECTIONS 11 AND 14, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED OCTOBER 22, 2008, AS DOCUMENT R2008–156727, DESCRIBED AS FOLLOWS:

COMMENCING AT A 3/4 INSIDE DIAMETER IRON PIPE SET IN A CONCRETE MONUMENT AT THE MOST EASTERLY CORNER OF SAID LOT 1; THENCE SOUTHWESTERLY ALONG A SOUTHEAST LINE OF SAID LOT1 WITH A RECORD BEARING OF SOUTH 25 DEGREES 01 MINUTE 35 SECONDS WEST AND A MEASURED BEARING OF SOUTH 24 DEGREES 01 MINUTE 41 SECONDS WEST FOR A DISTANCE OF 287.10 FEET TO THE POINT OF BEGINNING: THENCE CONTINUING SOUTH 24 DEGREES 01 MINUTE 41SECONDS WEST 154.28 FEET TO THE SOUTHEAST CORNER OF SAID LOT 1; THENCE SOUTHWESTERLY ALONG THE SOUTHERLY LINE OF SAID LOT 1 WITH A RECORD BEARING OF SOUTH 68 DEGREES 30 MINUTES 00 SECONDS WEST AND A MEASURED BEARING OF SOUTH 68 DEGREES 31 MINUTES 25 SECONDS WEST FOR A DISTANCE OF 89.68 FEET; THENCE NORTH 28 DEGREES 39 MINUTES 05 SECONDS WEST FOR A DISTANCE OF 297.53 FEET; THENCE NORTH 61 DEGREES 14 MINUTES 21 SECONDS EAST FOR A DISTANCE OF 172.44 FEET; THENCE SOUTH 28 DEGREES 46 MINUTES 31 SECONDS EAST FOR A DISTANCE OF 164.54 FEET; THENCE SOUTH 65 DEGREES 58 MINUTES 25 SECONDS EAST FOR A DISTANCE OF 64.12 FEET TO THE POINT OF BEGINNING. SAID PARCEL CONTAINING 51,737± SQUARE FEET, 1187 ACRES MORE OR LESS, IN DUPAGE COUNTY, ILLINOIS.

KNOWN AS: **628 N RIVER ROAD, NAPERVILLE, ILLINOIS**

PERMANENT INDEX NUMBER: 07 – 14 – 101 – 017 – 0000

AREA (PARCEL F)= 51,738 SQ.FT OR 1.19

NOTES:

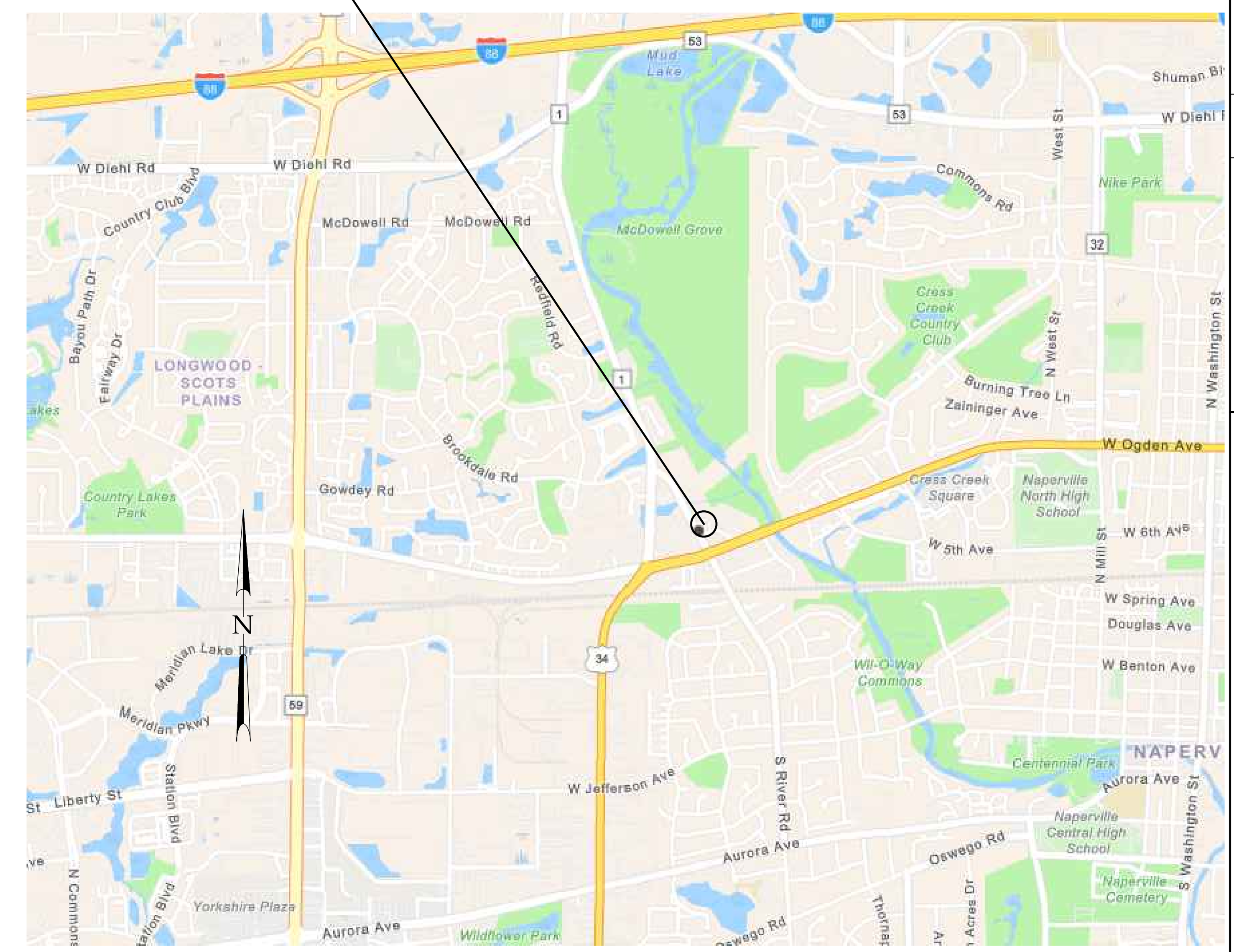
LOCATION OF UTILITIES SHOWN HEREON IS CERTIFIED AT SURFACE STRUCTURES ONLY. UNDERGROUND LINES AS SHOWN ARE ESTIMATED LOCATIONS BASED ON AVAILABLE VISIBLE EVIDENCE, ENGINEERING PLANS AND OUR BEST JUDGMENT. ACTUAL LOCATIONS OF UNDERGROUND UTILITIES IN THE VICINITY OF ANY PROPOSED CONSTRUCTION SHALL BE VERIFIED BY EXCAVATION.

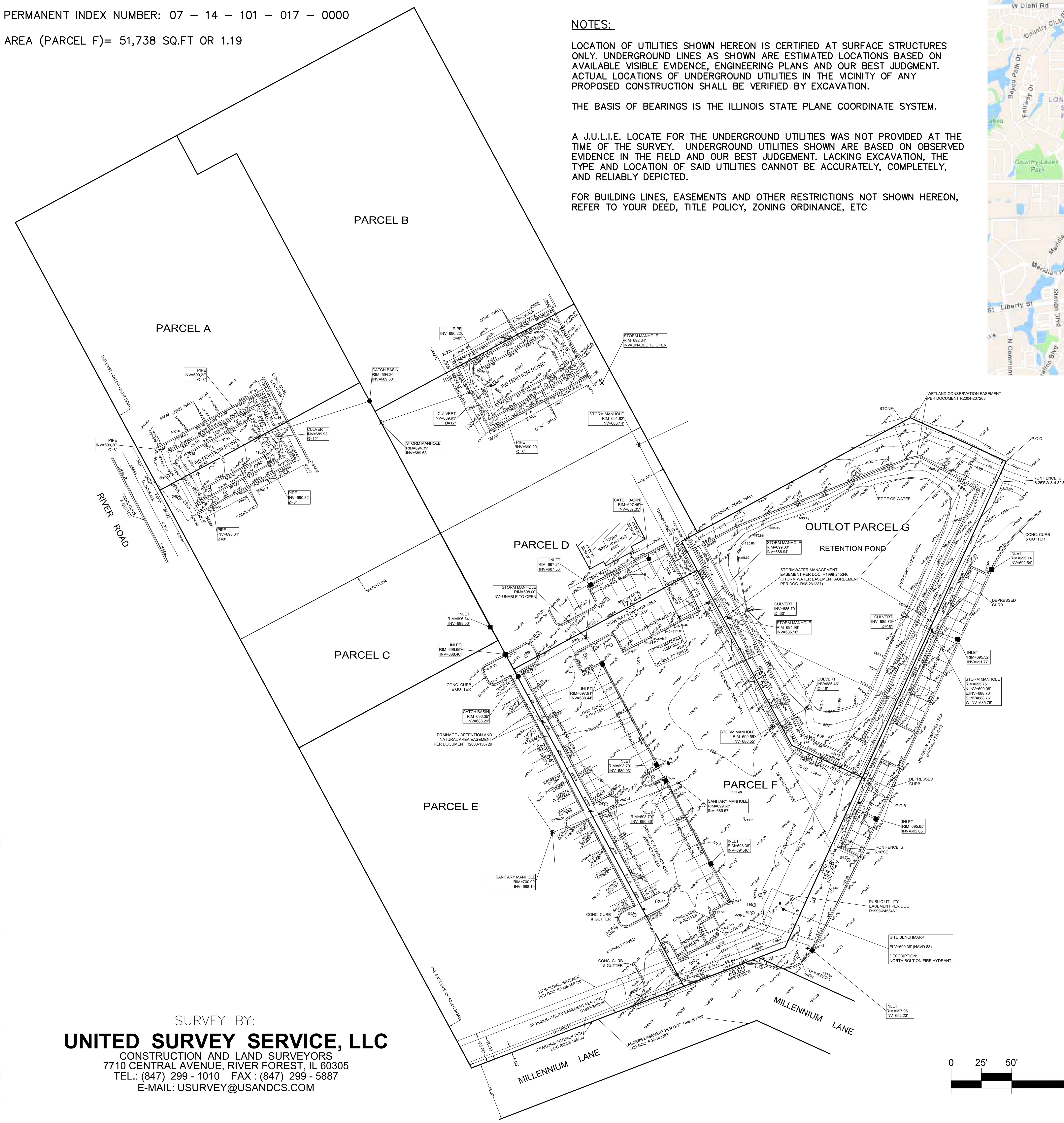
THE BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM.

A J.U.L.I.E. LOCATE FOR THE UNDERGROUND UTILITIES WAS NOT PROVIDED AT THE TIME OF THE SURVEY. UNDERGROUND UTILITIES SHOWN ARE BASED ON OBSERVED EVIDENCE IN THE FIELD AND OUR BEST JUDGEMENT. LACKING EXCAVATION, THE TYPE AND LOCATION OF SAID UTILITIES CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED.

FOR BUILDING LINES, EASEMENTS AND OTHER RESTRICTIONS NOT SHOWN HEREON, REFER TO YOUR DEED, TITLE POLICY, ZONING ORDINANCE, ETC

LOCATION MAP
NOT TO SCALE




SURVEY BY:
**UNITED SURVEY SERVICE, LLC**
CONSTRUCTION AND LAND SURVEYORS
7710 CENTRAL AVENUE, RIVER FOREST, IL 60305
TEL.: (847) 299 - 1010 FAX : (847) 299 - 5887
E-MAIL: USURVEY@USANDCS.COM

SURVEY LEGEND

| LEGEND | ABBREVIATIONS |
|---|---|
| SAN-MH | SANITARY MANHOLE |
| ST-MH | STORM MANHOLE |
| CB | CATCH BASIN |
| INLET | INLET |
| WVV | WATER VALVE VAULT |
| B-BOX | B-BOX |
| FH | FIRE HYDRANT |
| LP | LIGHT POLE |
| WUP | WOOD UTILITY POLE |
| GV | GAS VALVE |
| UB | UTILITY BOX |
| F-POLE | FLAG POLE |
| | T/F=TOP OF FOUNDATION |
| | F/F=FINISH FLOOR |
| | C=TOP OF CURB |
| | G=GUTTER |
| | T/W=TOP OF WALL |

ROBERT G. WALKER 57227 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS.

SIGNATURE — DATE 09–26–2024

MY LICENSE EXPIRES ON NOVEMBER 30, 2025

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PROJECT STAFF
PROJECT MANAGER: R. WALKER P.E.
ENGINEER:
ENGINEER:
TECHNICIAN:


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DESIGN FIRM NO. 184.008857-0002


COVER SHEET
TOPOGRAPHIC SURVEY
DAY CARE FACILITY
628 N. RIVER ROAD, NAPERVILLE, IL. 60563



| | |
|---|---|
| PROJECT NO.: | 240108 |
| BASE FILE: | |
| SHEET FILE: | |
| ISSUE DATE: | MAY 6, 2024 |
| SCALE: | 1"=50'-0 |

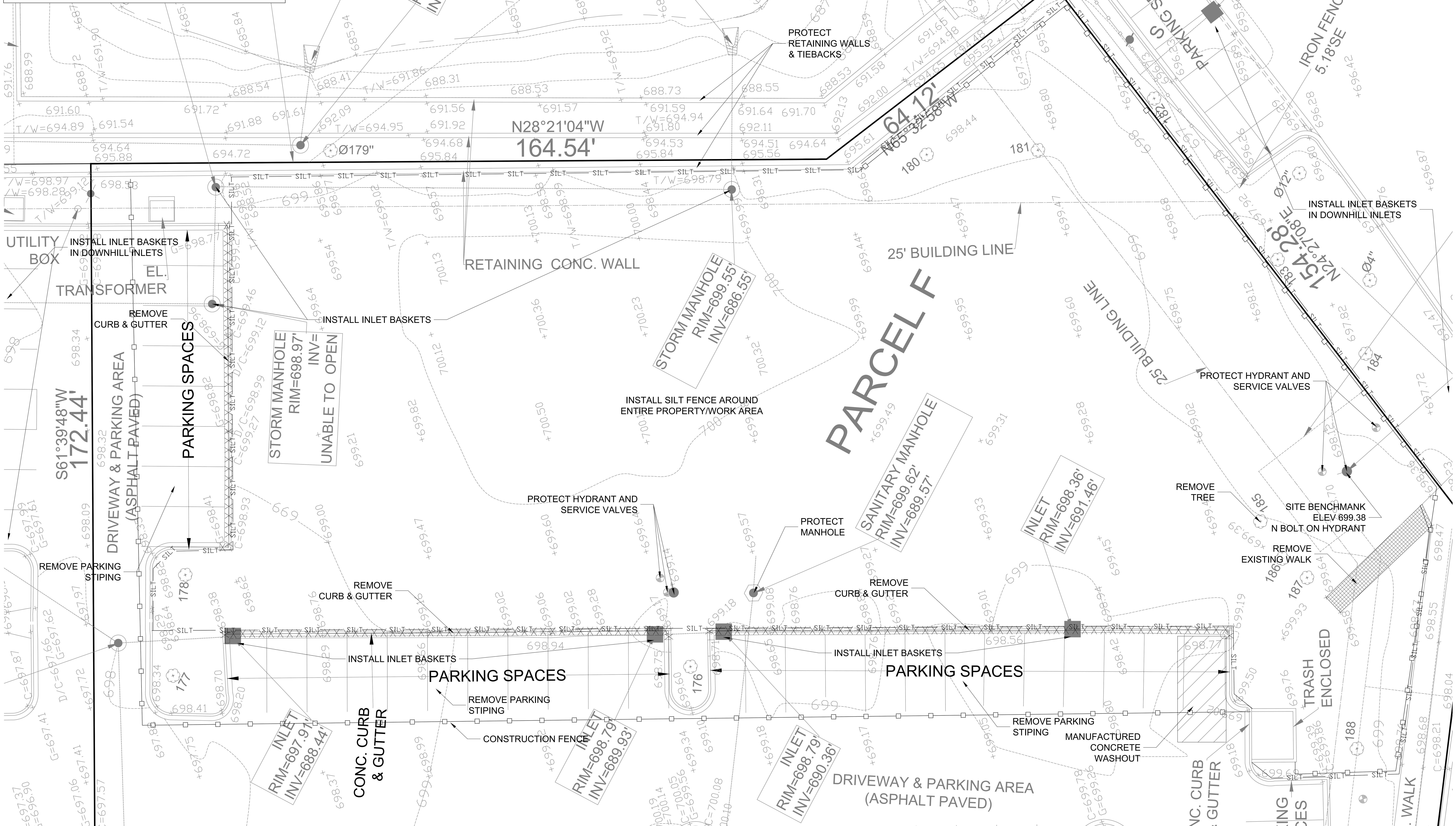
SHEET NUMBER
C-0

DEMOLITION NOTES

1. ALL DEMOLITION DEBRIS SHALL BE PROPERLY DISPOSED OF.
2. CONTRACTOR IS RESPONSIBLE FOR KEEPING ROADS FREE OF EXCESSIVE DEBRIS AT ALL TIMES.
3. ANY SOIL, MUD OR DEBRIS THAT IS WASHED, TRACKED, OR DEPOSITED ONTO THE STREET SHALL BE REMOVED BEFORE THE END OF EACH DAY.
4. "NO TRESPASSING" SIGNS SHALL BE MOUNTED ON THE FENCING IN CONSPICUOUS LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND APPROVED
5. ANY GATE IN THE PERIMETER FENCE SHALL BE ADEQUATELY HINGED TO PREVENT ENTRY, EXCEPT TO ALLOW INGRESS AND EGRESS TO AND FROM SITE, SUCH GATE MUST BE LOOKED AT ALL TIMES, OTHER THAN PERMITTED HOURS OF CONSTRUCTION.

SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

1. Install row silt fence prior to any earth disturbing activities.
2. Contractor to install construction entrance.
3. Contractor to install inlet filters in existing and proposed structures.
4. Contractor to remove any mud tracked onto existing pavement every night.
5. A concrete washout should be provided on-site. Concrete cannot be washed out into the public right-of-way or storm sewer system.
6. Contractor shall inspect all erosion control measures after every 0.5 inch rain event or at least 1 time per week




## Temporary Seeding, Species, Rates, & Dates

Seeding Dates

| Species | lbs./Acre | Jan. | Feb. | March | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Oats | 90 | | | ■ | ■ | ■ | | | | | | | |
| Cereal Rye | 90 | | | | | | ■ | ■ | ■ | | | | |
| Winter Wheat | 90 | | | | | | | | | ■ | ■ | ■ | |
| Winter Mulch | 25 | ■ | ■ | | | | | | | | | | ■ |

SEEDING INFORMATION

TEMPORARY SEEDING TO BE PROVIDED FOR ALL DISTURBED AREAS THAT WILL NOT BE DISTURBED FOR MORE THAN 14 DAYS

CONTRACTOR TO SEED OR SOD ALL DISTURBED AREA.

TURF GRASS SEED MIX:

FURNISH AND APPLY SUNNY TURF GRASS SEED MIX (TIMOTHY-33.3% / ORCHARDGRASS-33.3% / KENTUCKY BLUEGRASS-33.3%, SEEDING RATE=70 LBS./ACRE AND COMMON OATS=30 LBS./ACRE FOR A TOTAL 100 LBS./ACRE. OVERSEED WITH 10 LBS./ACRE ANNUAL RYE. SEEDING MUST COMMENCE WITHIN 1 WEEK OF THE COMPLETION OF FINAL GRADING.

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DESIGN FIRM NO. 184.008857-0002


# DEMOLITION AND EROSION CONTROL PLAN

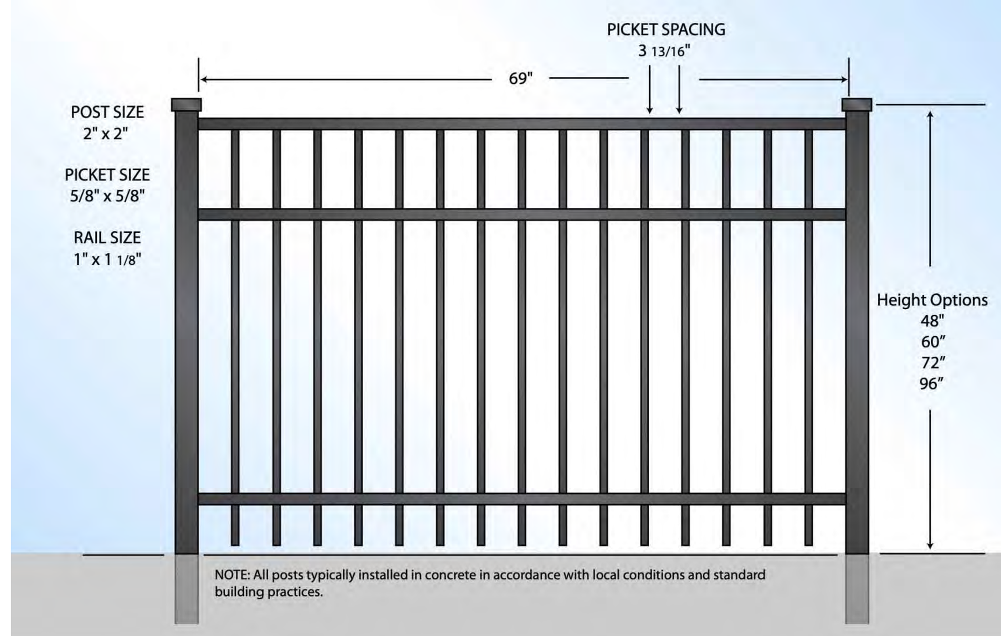
DAY CARE FACILITY

628 N. RIVER ROAD, NAPERVILLE, IL. 60563



| | |
|---|---|
| PROJECT NO.: | 240108 |
| BASE FILE: | |
| SHEET FILE: | |
| ISSUE DATE: | MAY 6, 2024 |
| SCALE: | 1"=10' |
| SHEET NUMBER | C-0.1 |

| | PAVEMENT LEGEND |
|---|---|
| | LIGHT DUTY PARKING LOT PAVEMENT<br>1 1/2" BITUMINOUS SURFACE COURSE, SUPERPAVE, MIX D, N50<br>3" BITUMINOUS BINDER COURSE, SUPERPAVE, IL-19, N50<br>8" AGGREGATE BASE COURSE CA-6, TYPE B |
| | NAPERVILLE STANDARD B-6.12 CURB AND GUTTER<br>VARIABLE HEIGHT – SEE GRADING PLAN |
| | SIDEWALKS<br>5" PORTLAND CEMENT CONCRETE<br>2" COMPACTED AGGREGATE BASE COURSE CA-6 |
| | PLAYGROUND MULCH |
| | PLAYGROUND ASTROTURF |
| | PLAYGROUND TURFGRASS |

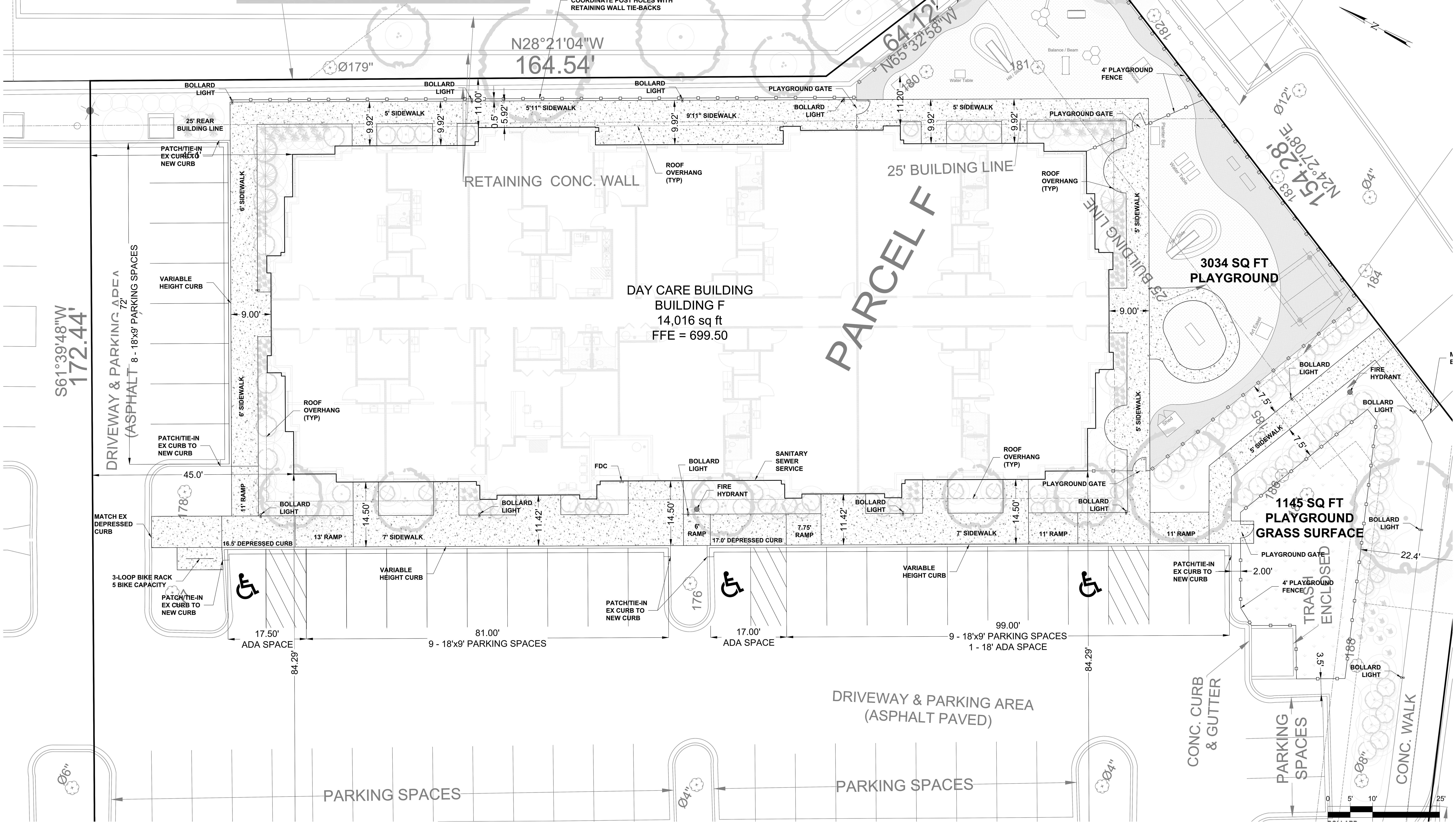



**PAVEMENT STRIPING & SIGNAGE NOTES**

1. INTERIOR PARKING SPACES ARE AS NOTED
2. MARKING PAINT SHALL BE HIGH QUALITY TRAFFIC PAINT INTENDED FOR STRIPING ASPHALT PARKING LOTS.
   COLOR: YELLOW
   WIDTH: 4"
   COVERAGE RATE: 450 FEET PER GALLON PER IDOT ARTICLE 780.

**FENCE NOTES**

1. FENCE TO BE BRONZE ALUMINUM, 48" TALL TO MATCH EXISTING FENCE ON PROPERTY
2. POST HOLES WILL NEED TO BE COORDINATED WITH EXISTING RETAINING WALL TIE-BACKS

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| ENGINEER: | | 2 | REVISIONS PER NAPERVILLE | 09-26-2024 |
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# GEOMETRIC PLAN

DAY CARE FACILITY

628 N. RIVER ROAD, NAPERVILLE, IL. 60563



| | |
|---|---|
| PROJECT NO.: | 240108 |
| BASE FILE: | |
| SHEET FILE: | |
| ISSUE DATE: | MAY 6, 2024 |
| SCALE: | 1"=10' |

SHEET NUMBER

C-1

SANITARY SEWER NOTES:

1. FIELD VERIFY SANITARY SEWER LOCATION AND ELEVATION AND ALL CROSSINGS TO BE SURE SYSTEM WORKS AND ALL CONFLICTS ARE AVOIDED.
2. INSTALL NEW 6" SANITARY SEWER SERVICES AS SHOWN.
3. CONNECT TO EXISTING STUB AT MANHOLE.
4. SEWER TO BE 6" PVC SDR 26 PER ASTM D-3034 AND PUSH ON JOINTS PER ASTM D-3212.
5. PROVIDE CA-7 TRENCH BACKFILL UNDER ALL PAVEMENT.
6. ALL MATERIALS SHALL COMPLY WITH CITY OF NAPERVILLE PLUMBING CODE.

**WATER NOTES :**

1. FIELD VERIFY WATER MAIN LOCATION AND SIZE
2. INSTALL NEW 6" WATER SERVICE AND RELOCATE HYDRANTS AS SHOWN.
3. CONNECT TO EXISTING WATER SERVICE AT SERVICE VALVE.
4. DISCONNECT EXISTING 2" WATER SERVICE AT MAIN.
5. WATER PIPE TO BE 6" DUCTILE IRON, CLASS 52 PER ANSI/AWWA C151/A21.5 WITH CEMENT MORTAR LINING PER ANSI/AWWA C104/A21.4 AND PUSH ON JOINTS PER ANSI/AWWA C111/A21.11 AND POLYETHYLENE ENCASEMENT PER ANSI/AWWA C105/A21.5.
6. PROVIDE CA-7 TRENCH BACKFILL UNDER ALL PAVEMENT OR SCREENINGS.
7. ALL MATERIALS SHALL COMPLY WITH CITY OF NAPERVILLE PLUMBING CODE.
8. THE POTABLE AND FIRE SERVICE FLOWS MUST BE SPLIT INSIDE AND AN RPZ DEVICE PLACED ON THE FIRE SERVICE SERVICE WITHIN 24 INCHES OF THE SPLIT.

**STORM SEWER/ROOF DRAIN NOTES:**

1. FIELD VERIFY STORM SEWER LOCATION AND ELEVATION AND ALL CROSSINGS TO BE SURE SYSTEM WORKS AND ALL CONFLICTS ARE AVOIDED.
2. CONNECT TO EXISTING STORM SEWER STRUCTURES AS SHOWN. FIELD VERIFY LOCATION AND ELEVATION PRIOR TO ANY STORM SEWER CONSTRUCTION.
3. STORM SEWER TO BE 6" PVC SDR 26 PER ASTM D-3034 AND PUSH ON JOINTS PER ASTM D-3212.
4. PROVIDE CA-7 TRENCH BACKFILL UNDER ALL PAVEMENT.
5. STORM SEWER SHALL HAVE WATERTIGHT JOINTS PER ASTM C-443 WITHIN 10' OF ANY WATER MAIN/SERVICE CROSSING.
6. FOLLOW ALL REQUIREMENTS OF THE CITY OF NAPERVILLE.
7. ALL MATERIALS SHALL COMPLY WITH CITY OF NAPERVILLE PLUMBING CODE.

**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.

DPUE WILL PROVIDE, INSTALL, AND MAINTAIN THE TRANSFORMERS, ALL PRIMARY (15KV) CABLE AND CONDUIT, AND THE METERS AND INSTRUMENT TRANSFORMERS. DPUE 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.

ELECTRIC FACILITIES SHALL BE INSTALLED PURSUANT TO SECTION 8-1C-3 OF THE CITY OF NAPERVILLE MUNICIPAL CODE, WHICH REQUIRES A CONSTRUCTION FEE 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.

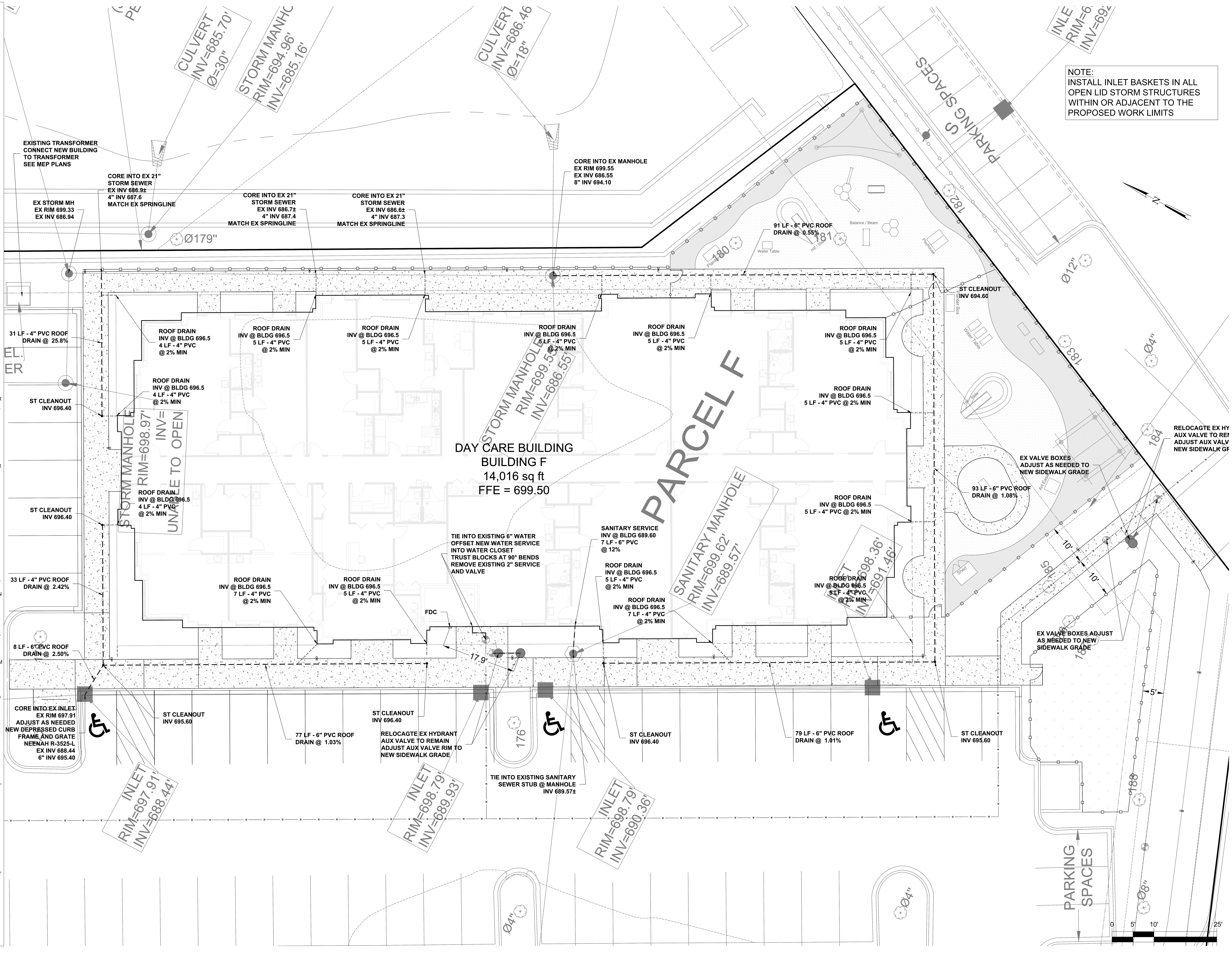
CLEARANCE TO TRANSFORMER PAD SHALL BE 5’ FROM ALL SIDES, 10’ FROM FRONT, AND THE AREA ABOVE MUST BE COMPLETELY CLEAR OF OBSTRUCTION. NO TREES, SHRUBS, OR OTHER OBSTACLES WILL BE ALLOWED WITHIN THIS AREA. TRANSFORMER PAD SHALL MAINTAIN MINIMUM CLEARANCE OF 20’ FROM EGRESS POINTS. PER DPUE SPECIFICATIONS C10-2130 AND C30-0016

DPU-E REQUIRES A MINIMUM 5' OF SEPARATION BETWEEN ITS ELECTRIC FACILITIES AND ANY FIRE HYDRANTS STORM DRAINS, STORM SEWERS, WATER MAINS, GAS MAINS, ETC. THAT RUN PARALLEL TO ITS FACILITIES.

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.

A CUSTOMER'S GROUNDING CONDUCTOR SHALL NOT BE CONNECTED TO DPU-E DISTRIBUTION EQUIPMENT.

THE TRANSFORMER MUST BE SHOWN ON THE SITE PLAN AND SHOULD BE LOCATED BETWEEN 8' AND 50' FROM COMMERCIAL BUILDINGS. METERS, INSTRUMENTAL TRANSFORMERS, AND MAIN DISCONNECT SHALL BE LOCATED WITHIN 50' OF THE TRANSFORMER AND SHALL BE INSTALLED ON THE EXTERIOR OF THE BUILDING. IF THE TRANSFORMER WILL BE LOCATED AT A DISTANCE GREATER THAN 50', THEN THE METERING CABINET AND MAIN DISCONNECT MUST BE FREE STANDING AND LOCATED BETWEEN 10' AND 15' OF THE TRANSFORMER. THE INSTRUMENT TRANSFORMERS AND MAIN DISCONNECT MAY BE INSTALLED INSIDE THE BUILDING IF THE SERVICE ENTRANCE CAPACITY IS 1200 AMPS OR GREATER. METERS SHALL BE INSTALLED ON THE BUILDING EXTERIOR.




UTILITY PLAN

DAY CARE FACILITY

628 N. RIVER ROAD, NAPERVILLE, IL. 60563

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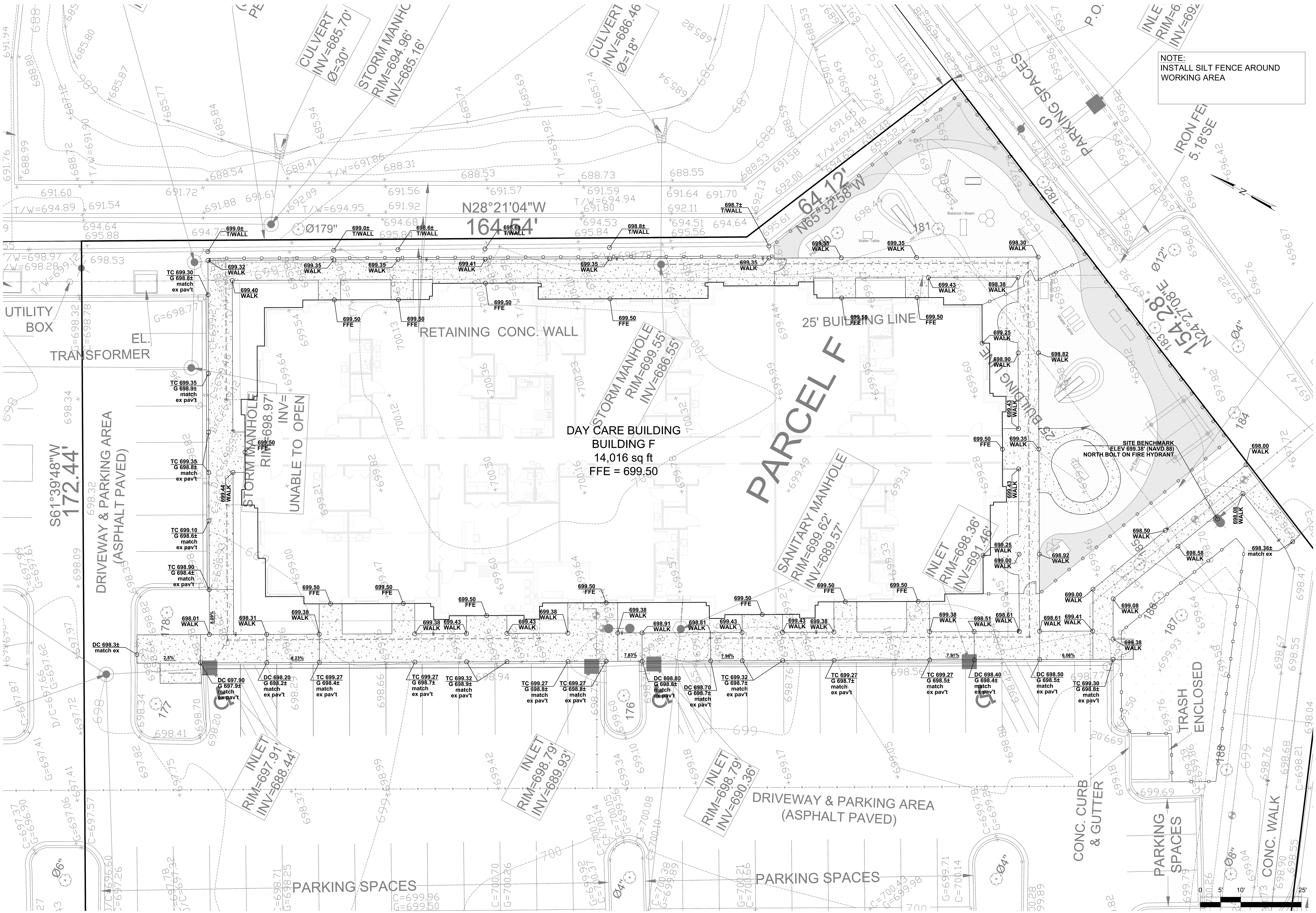
| ENGINEER: | | 2 | REVISIONS PER NAPERVILLE | 09-26-2024 |
| ENGINEER: | | | | |
| TECHNICIAN: | | | | |

BCI
BONO CONSULTING CIVIL ENGINEERS
A Sevee & Maher Engineers company
1018 BUSSE HIGHWAY PARK RIDGE, IL 60068 847-823-3300 bbono@bonoconsulting.com
4234 MERIDIAN PKWY, STE 116 AURORA, IL 60504 331-229-3512 rwalker@bonoconsulting.com
DESIGN FIRM NO. 184.008857-0002



| | |
|---|---|
| PROJECT NO.: | 240108 |
| BASE FILE: | |
| SHEET FILE: | |
| ISSUE DATE: | MAY 6, 2024 |
| SCALE: | 1"=10' |

SHEET NUMBER
C-2




GRADING PLAN

DAY CARE FACILITY

628 N. RIVER ROAD, NAPERVILLE, IL 60563

| PROJECT STAFF | | ISSUE | REVISIONS | DATE |
|---|---|---|---|---|
| PROJECT MANAGER: | R. WALKER P.E. | 1 | PRELIMINARY ENGINEERING | 06-06-2024 |
| ENGINEER: | | 2 | REVISIONS PER NAPERVILLE | 09-26-2024 |
| ENGINEER: | | | | |
| TECHNICIAN: | | | | |

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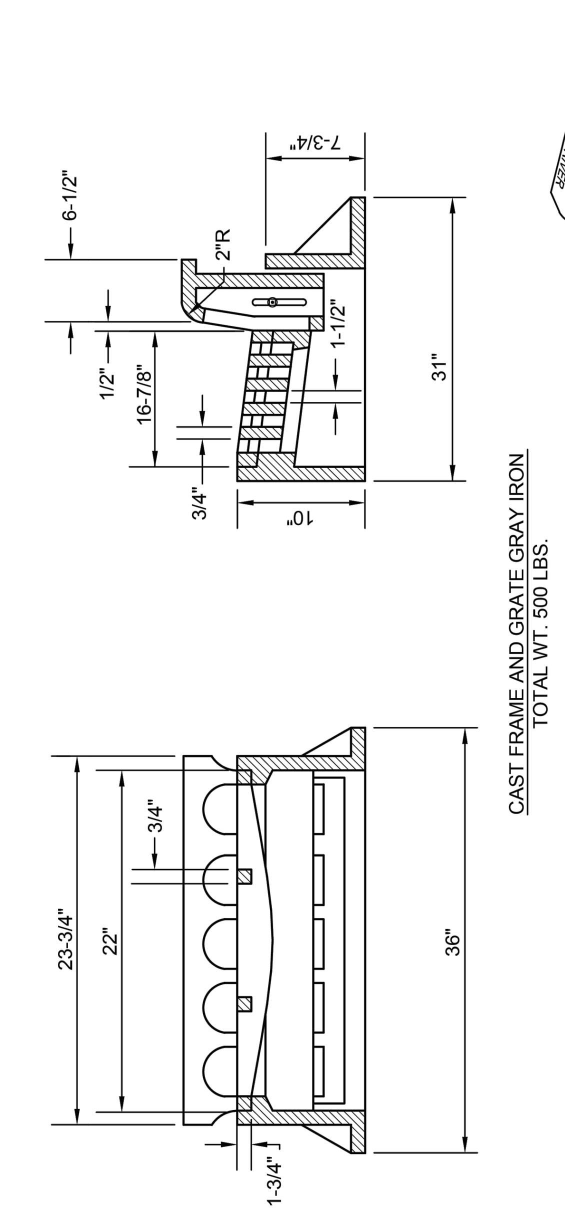
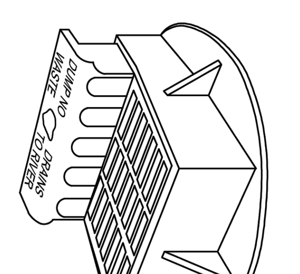
rwalker@bonoconsulting.com
DESIGN FIRM NO. 184.008857-0002



| | |
|---|---|
| PROJECT NO.: | 240108 |
| BASE FILE: | |
| SHEET FILE: | |
| ISSUE DATE: | MAY 6, 2024 |
| SCALE: | 1"=10' |
| SHEET NUMBER | C-3 |



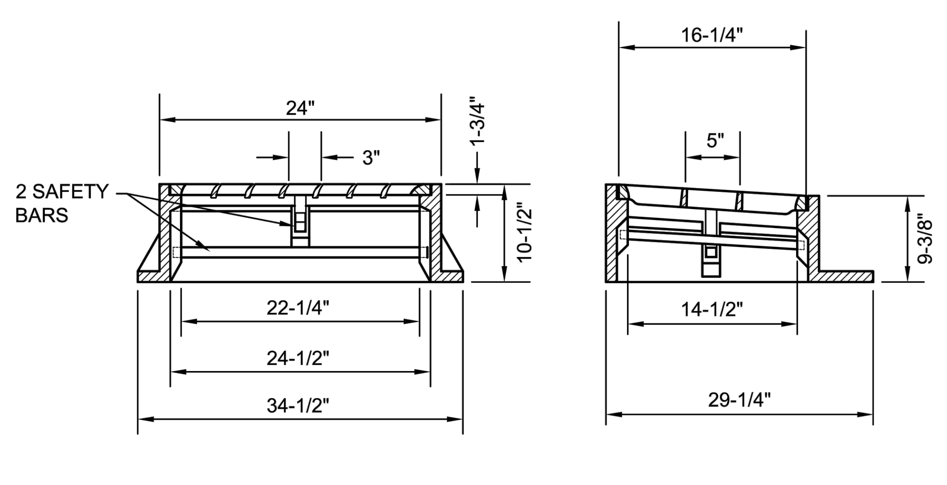



CAST FRAME AND GRATE GRAY IRON TOTAL WT. 500 LBS.

NOTES:

1. FRAME AND GRATE SHALL BE NEENAH R-3278-A, EAST JORDAN IRON 7220, OR EQUAL APPROVED BY THE CITY ENGINEER.
2. ALL CASTING SHALL BE SHOP PAINTED WITH AN ASPHALTIC BASE PAINT.
3. SEE STANDARD DETAIL 590.20 FOR CORRESPONDING CURB.
4. ALL CASTINGS SHALL INCLUDE "DUMP NO WASTE. DRAINS TO RIVER".

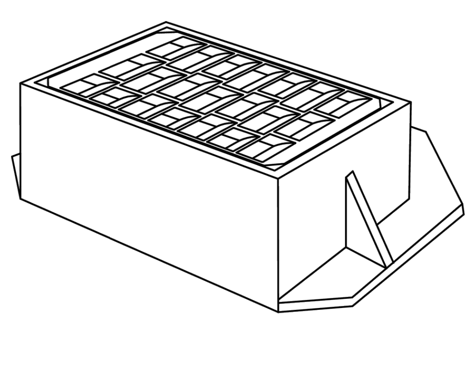
City of Naperville STANDARD DETAIL | FRAME & GRATE FOR B-6.12 CURB & GUTTER | REVISED: 05/15/2015 | SHEET 1 OF 1 | STORM 11 | 290.11



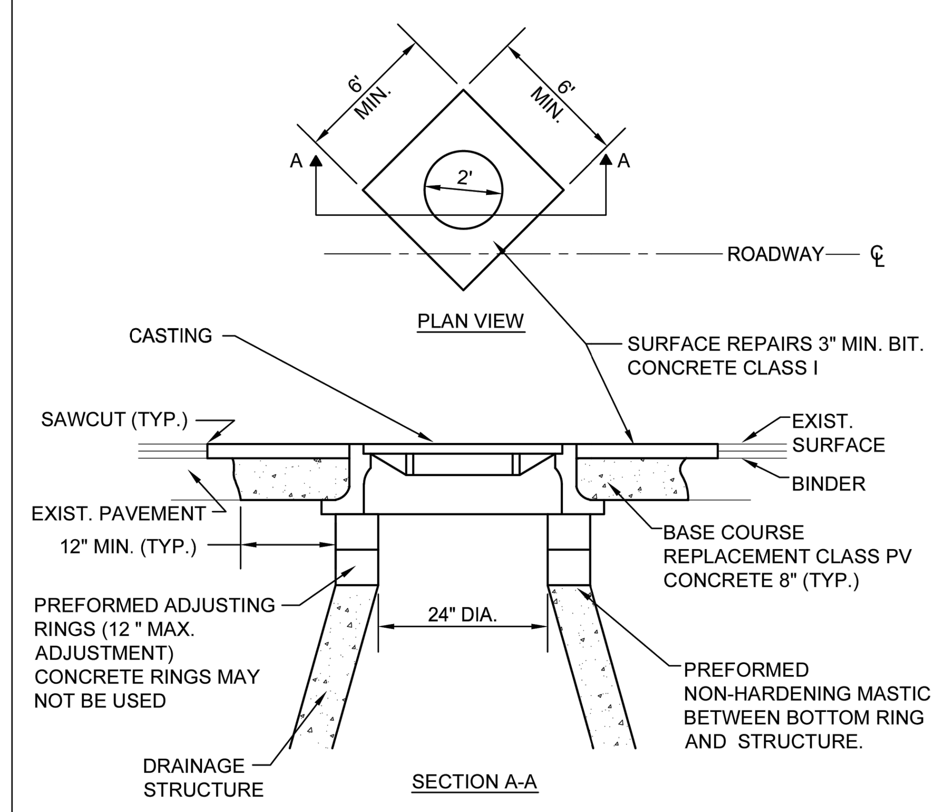

CAST FRAME AND GRATE

NOTES:

1. FRAME AND GRATE SHALL BE NEENAH R-3525-L, EAST JORDAN 5120, OR EQUAL APPROVED BY THE CITY ENGINEER.
2. ALL CASTING SHALL BE SHOP PAINTED WITH AN ASPHALTIC BASE PAINT.
3. ALL CASTINGS SHALL INCLUDE "DUMP NO WASTE. DRAINS TO RIVER".



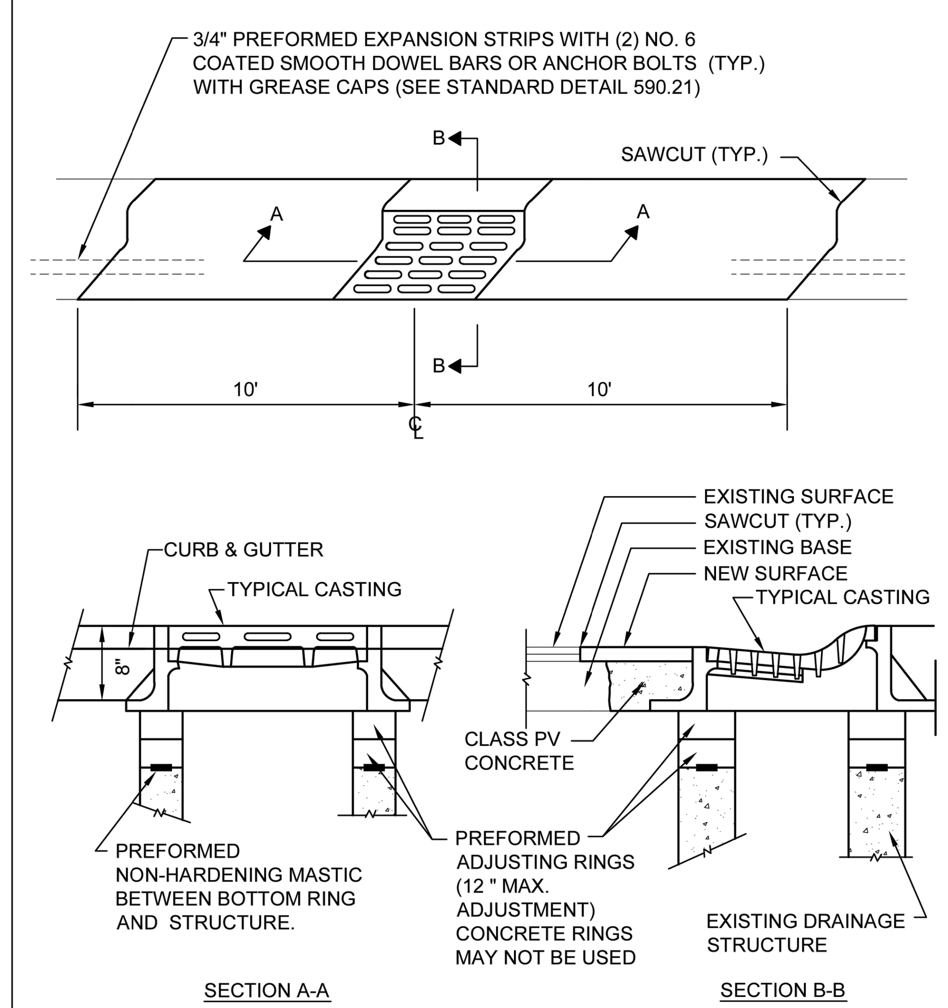
City of Naperville STANDARD DETAIL | FRAME & GRATE FOR B-6.12 CURB & GUTTER (DEPRESSED) | REVISED: 05/15/2015 | SHEET 1 OF 1 | STORM 12 | 290.12




NOTES:

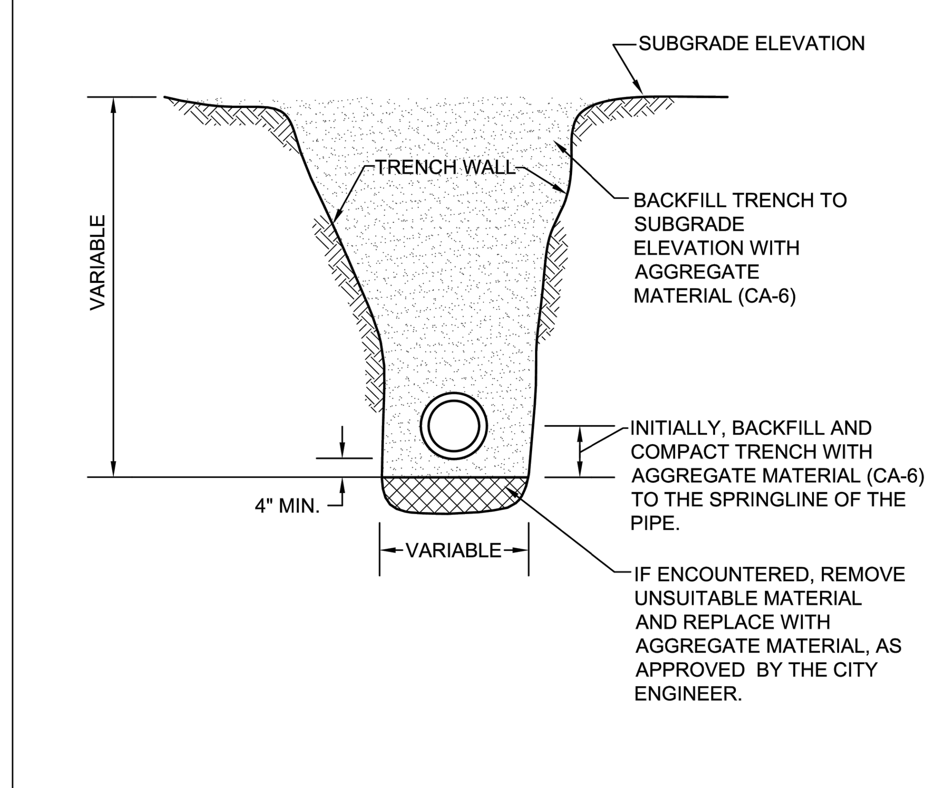
1. ADJUSTMENTS SHALL BE PROTECTED BY A BARRICADE WITH TWO (2) LIGHTS, OR A 1" THICK STEEL PLATE SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR AT LOCATIONS WHERE ADJUSTMENTS ARE LOCATED IN TRAVEL LANES UNTIL THE SURFACE RESTORATION IS COMPLETE. THE PLATE SHALL BE PROTECTED FROM SLIDING AND SHALL HAVE BITUMINOUS RAMPS AS REQUIRED.
2. WHEN ADJUSTMENTS RAISE A CASTING ABOVE THE ELEVATION OF THE EXISTING PAVEMENT SURFACE, A BITUMINOUS MIXTURE SHALL BE PLACED AROUND THE CASTING, TRANSITIONED A DISTANCE OF 1' HORIZONTAL FOR EACH INCH OF VERTICAL DISTANCE ABOVE THE EXISTING PAVEMENT. SUCH RAMPS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL THE COMPLETION OF THE SURFACE RESTORATION.

City of Naperville STANDARD DETAIL | CASTING ADJUSTMENTS FOR STRUCTURES IN PAVED AREAS | REVISED: 08/01/2018 | SHEET 1 OF 1 | STORM 15 | 290.15




1. REMOVE & REPLACE CURB A MINIMUM OF 10' EITHER SIDE OF STRUCTURE OR TO NEAREST EXPANSION JOINT (WHICHEVER IS CLOSEST)
2. POUR CONCRETE FILLET BETWEEN CASTING AND ADJUSTING RINGS FOR LOCATIONS WHERE THE CASTING IS LARGER THAN THE ADJUSTING RING

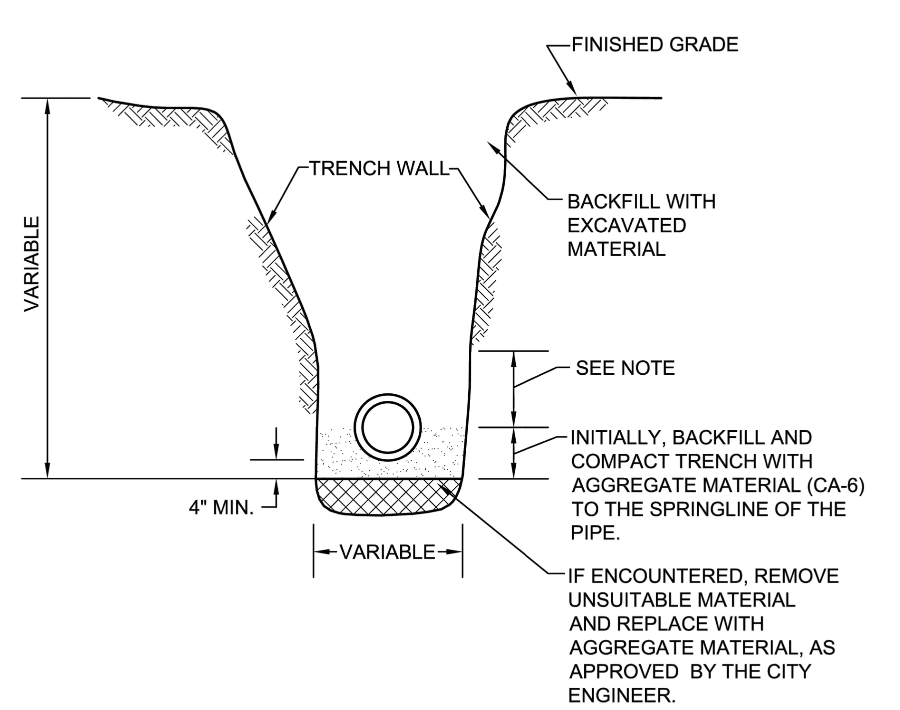
City of Naperville STANDARD DETAIL | CASTING ADJUSTMENTS FOR STRUCTURES WITHIN THE CURB LINE | REVISED: 08/01/2018 | SHEET 1 OF 1 | STORM 16 | 290.16




NOTES:

1. TRENCH BACKFILL MATERIAL SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 550.07 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. THIS DETAIL SHALL BE USED WHEREVER THE TRENCH IS MADE IN THE PROPOSED ROADWAY SUBGRADE, AND WHEREVER THE INNER EDGE OF THE TRENCH IS CLOSER THAN 2' TO THE EDGE OF THE PROPOSED PAVEMENT, CURB AND GUTTER, AND SIDEWALK.

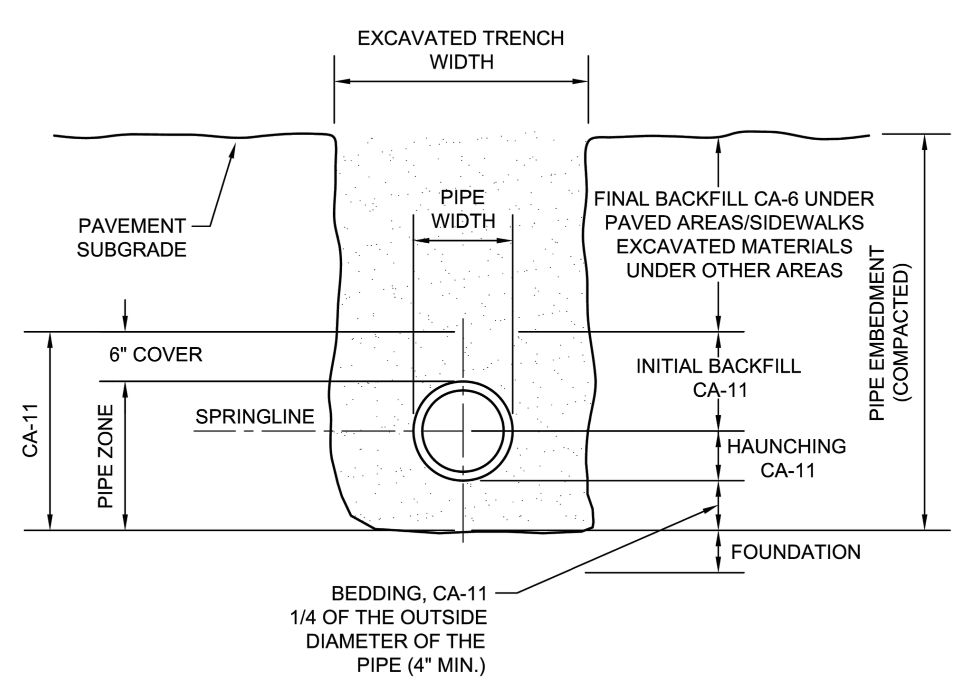
City of Naperville STANDARD DETAIL | STORM SEWER TRENCH SECTION IN PAVED AREAS | REVISED: 01/01/2013 | SHEET 1 OF 1 | STORM 20 | 290.20




NOTE:

FOR PVC AND HDPE PIPE, BACKFILL WITH AGGREGATE MATERIAL (CA-6) TO 6" ABOVE THE TOP OF PIPE.

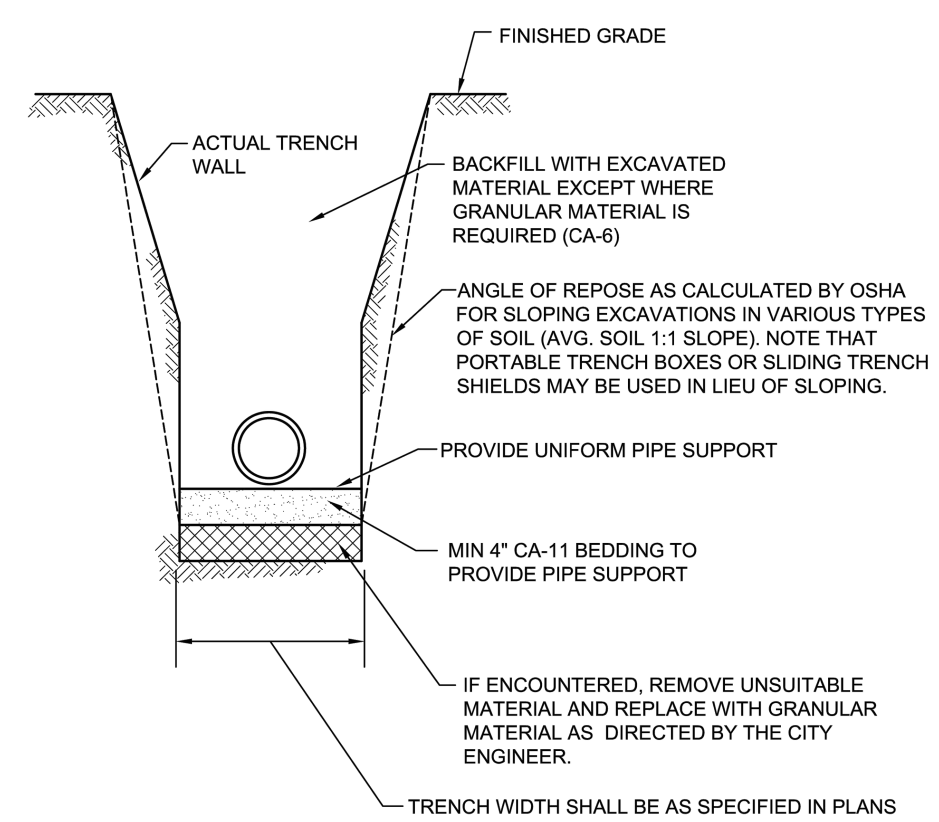
City of Naperville STANDARD DETAIL | STORM SEWER TRENCH SECTION IN NON-PAVED AREAS | REVISED: 01/01/2013 | SHEET 1 OF 1 | STORM 21 | 290.21




NOTES:

1. IN PAVED AREAS, ALL TRENCHES MUST BE COMPACTED IN CONFORMANCE WITH SECTION 550.07 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
2. IF FOUNDATION IS UNSUITABLE TO BED PIPE, UNDERCUTS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

City of Naperville STANDARD DETAIL | TRENCH SECTION FOR PVC PIPE | REVISED: 01/01/2013 | SHEET 1 OF 1 | SANITARY 10 | 390.10



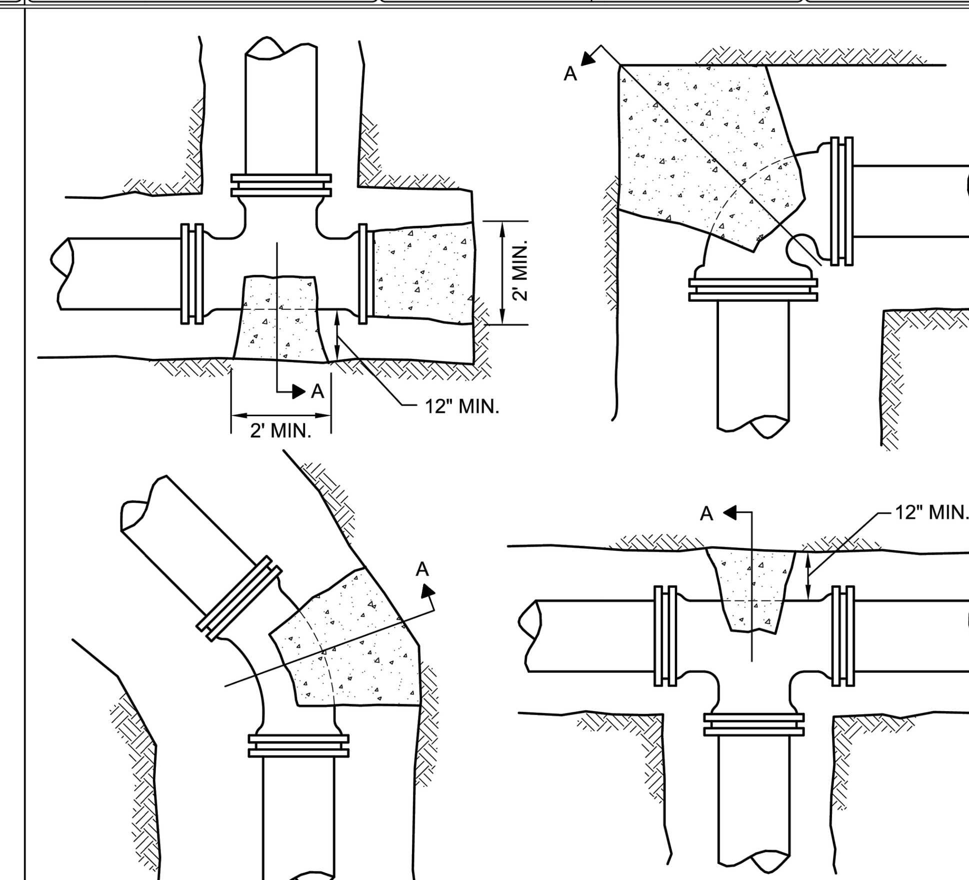

NOTES:

1. IN PAVED AREAS ALL TRENCHES SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 550.07 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. METHOD 1. 95% MINIMUM STANDARD PROCTOR.

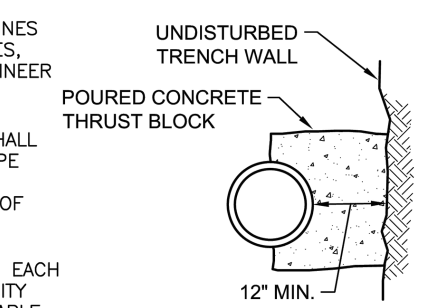
2. DUCTILE IRON WATER MAIN TO BE CLASS 52. ALL DUCTILE IRON PIPE IS TO BE ENCASED IN POLYETHYLENE FILM. POLYETHYLENE ENCASEMENT TO BE INSTALLED IN ACCORDANCE WITH AWWAC105A21.5-99.(OR LATEST EDITION)

3. STAINLESS STEEL NUTS, BOLTS/T-BOLTS, AND WASHERS, TYPE 304 OR BETTER, WILL BE REQUIRED ON ALL WATER MAIN INSTALLATIONS. THIS WOULD APPLY TO HYDRANTS, TAPPING SLEEVES, VALVES, FITTINGS, RESTRAINT, AND OTHER APPURTENANCES BURIED OR IN VALVE VAULTS. MECHANICAL JOINTS AND RESTRAINT GLANDS REQUIRE 304 STAINLESS STEEL T-BOLTS. AN ANTI-SEIZE COMPOUND SHALL BE FACTORY APPLIED TO NUTS OR BOLTS - ANY DAMAGE TO THIS COATING SHALL BE REPAIRED WITH FIELD-APPLIED, APPROVED ANTI-SEIZE COMPOUND THAT IS A MOLYBDENUM-BASE LUBRICANT, BOSTIK NEVER-SEEZ OR APPROVED EQUAL.

City of Naperville STANDARD DETAIL | WATER MAIN TRENCH SECTION | REVISED: 01/01/2013 | SHEET 1 OF 1 | WATER 10 | 490.10

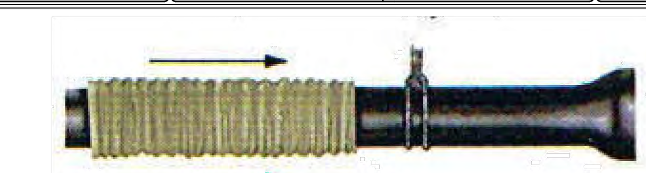



1. THRUST BLOCKING TO PREVENT MOVEMENT OF LINES UNDER PRESSURE AT BENDS, TEES, CAPS, VALVES, HYDRANTS, & AT POINTS SPECIFIED BY THE ENGINEER SHALL BE CLASS "SI".
2. CONCRETE A MINIMUM OF 12" THICK, PLACED BETWEEN SOLID GROUND & THE FITTING, AND SHALL BE ANCHORED IN SUCH A MANNER THAT THE PIPE AND FITTING WILL BE ACCESSIBLE FOR REPAIRS.
3. THRUST BLOCKS SHALL BE PLACED AT BENDS OF 11-1/4" OR MORE.
4. PIPE BENDS TO BE POLYETHYLENE ENCASED.
5. JOINT RESTRAINT AT BEND AND LENGTH OF PIPE EACH DIRECTION FROM BENDS AS REQUIRED BY THE CITY OF NAPERVILLE IF UNDISTURBED SOIL NOT AVAILABLE.
6. THRUST BLOCK FOR PIPES LARGER THAN 12"⌀ MUST BE POURED IN PLACE

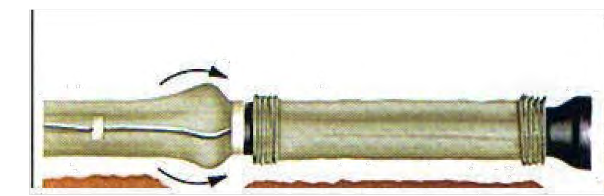



SECTION A

City of Naperville STANDARD DETAIL | THRUST BLOCK | REVISED: 05/15/2015 | SHEET 1 OF 1 | WATER 11 | 490.11



CUT A SECTION OF POLYETHYLENE TUBE APPROXIMATELY TWO FEET LONGER THAN THE PIPE SECTION. REMOVE ALL LUMPS OF CLAY, MUD, CINDERS, OR OTHER MATERIAL THAT MIGHT HAVE ACCUMULATED ON THE PIPE SURFACE DURING STORAGE. SLIP THE POLYETHYLENE TUBE AROUND THE PIPE, STARTING AT THE SPIGOT END. BUNCH THE TUBE ACCORDION-FASHION ON THE END OF THE PIPE. PULL BACK THE OVERHANGING END OF THE TUBE UNTIL IT CLEARS THE PIPE END.



MAKE THE OVERLAP OF THE POLYETHYLENE TUBE BY PULLING BACK THE BUNCHED POLYETHYLENE FROM THE PRECEDING LENGTH OF PIPE AND SECURING IT IN PLACE. NOTE: THE POLYETHYLENE MAY BE SECURED IN PLACE BY USING TAPE, STRING, PLASTIC TIE STRAPS, OR ANY OTHER MATERIAL CAPABLE OF HOLDING THE POLYETHYLENE ENCASEMENT SNUGLY AGAINST THE PIPE.

TAKE UP SLACK IN THE TUBE ALONG THE BARREL OF THE PIPE TO MAKE A SNUG, BUT NOT TIGHT, FIT. FOLD EXCESS POLYETHYLENE BACK OVER THE TOP OF THE PIPE.

REPAIR ALL SMALL RIPS, TEARS OR OTHER TUBE DAMAGE WITH MANUFACTURER APPROVED ADHESIVE TAPE.

1. COVER BENDS, REDUCERS AND OTHER PIPE-SHAPED APPURTENANCES WITH POLYETHYLENE IN THE SAME MANNER AS THE PIPE.
2. WRAP VALVES, TEES AND OTHER ODD-SHAPED APPURTENANCES WITH A FLAT SHEET OR SPLIT LENGTH OF POLYETHYLENE TUBE BY PASSING THE SHEET UNDER THE APPURTENANCES AND BRINGING IT UP AROUND THE BODY. MAKE SEAMS BY BRINGING THE EDGES OF THE POLYETHYLENE SHEET TOGETHER, FOLDING OVER TWICE, AND TAPING DOWN.
3. POLYETHYLENE ENCASEMENT TO BE IN ACCORDANCE WITH A.W.W.A. C105-990R LATEST VERSION.
4. COPPER SERVICE TAPS ARE TO BE WRAPPED WITH POLYETHELENE OR A SUITABLE DIELECTRIC APE FOR A MINIMUM CLEAR DISTANCE OF 3' AWAY FROM THE MAIN.

City of Naperville STANDARD DETAIL | POLYETHYLENE ENCASEMENT | REVISED: 01/01/2013 | SHEET 1 OF 1 | WATER 15 | 490.15

| ISSUE | REVISIONS | DATE |
|---|---|---|
| 1 | PRELIMINARY ENGINEERING | 05-06-2024 |
| 2 | REVISIONS PER NAPERVILLE | 09-26-2024 |

PROJECT STAFF
PROJECT MANAGER: R. WALKER P.E.
ENGINEER:
ENGINEER:
TECHNICIAN: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4234 MERIDIAN PKWY, STE 116 AURORA, IL 60504 331-229-3512 rwalker@bonoconsulting.com
DESIGN FIRM NO. 184.006657-0002


# DETAILS

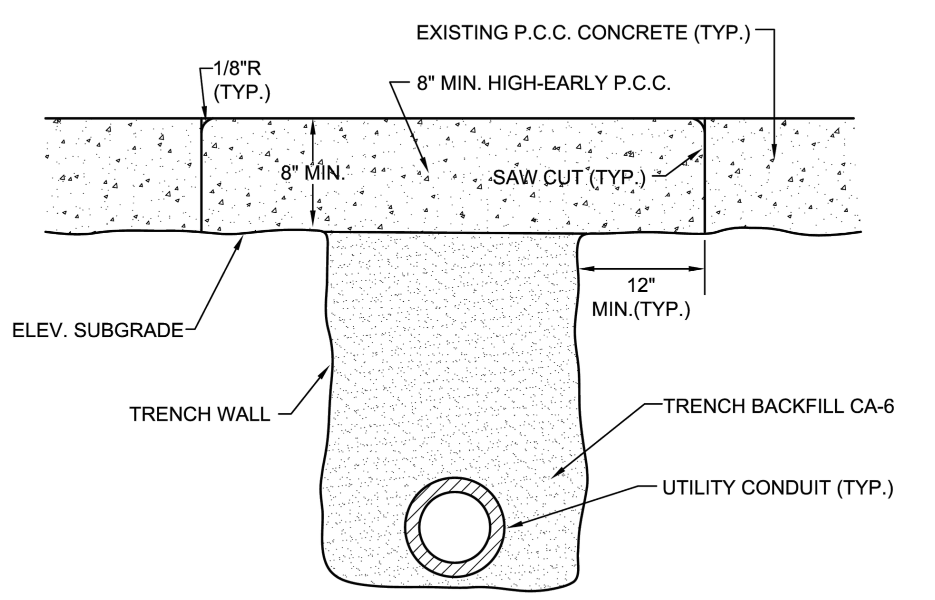
## DAY CARE FACILITY

## 628 N. RIVER ROAD, NAPERVILLE, IL. 60563



PROJECT NO.: 240108
BASE FILE:
SHEET FILE:
ISSUE DATE: MAY 6, 2024
SCALE: NA

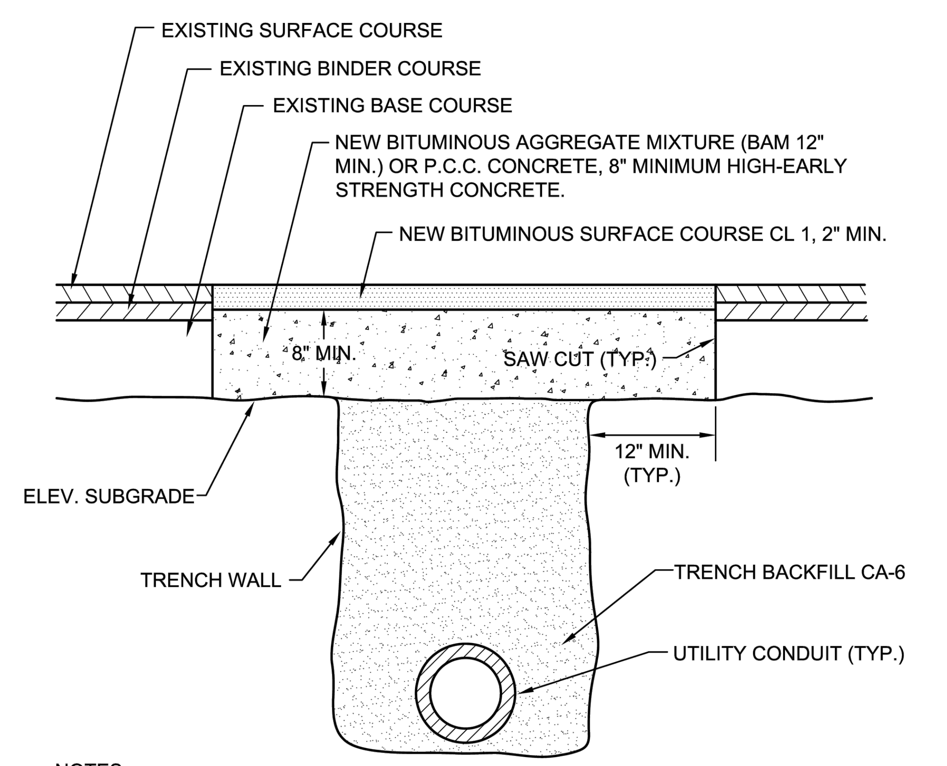
SHEET NUMBER
C-4.0




NOTES:

1. THE TRENCH SHALL BE BACKFILLED WITH AGGREGATE (CA-6) AND COMPACTED TO 95% OF THE STANDARD PROCTOR DENSITY. TRENCH SPOILS OR EXCAVATED MATERIAL SHALL BE DISCARDED BY THE CONTRACTOR, AT HIS EXPENSE, AT DUMP SITES OR IN A SUITABLE FASHION AS APPROVED BY THE CITY ENGINEER.
2. PRIOR TO PLACING OF P.C.C. CONCRETE, THE EXPOSED EDGES OF ALL EXISTING PAVEMENT SHALL BE SAW CUT TO PROVIDE A SMOOTH, CLEAN EDGE, FREE OF LOOSE MATERIAL.
3. EXCAVATIONS SHALL BE PROTECTED BY BARRICADES WITH FLASHING LIGHTS. A 1" STEEL PLATE SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR AT LOCATIONS WHERE ADJUSTMENTS ARE LOCATED IN TRAVEL LANES UNTIL THE SURFACE RESTORATION IS COMPLETE. THE PLATE SHALL BE PROTECTED FROM SLIDING AND PROVIDED WITH BITUMINOUS RAMPS.
4. TRENCH TO BE COMPACTED IN CONFORMANCE WITH ARTICLE 603.08 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

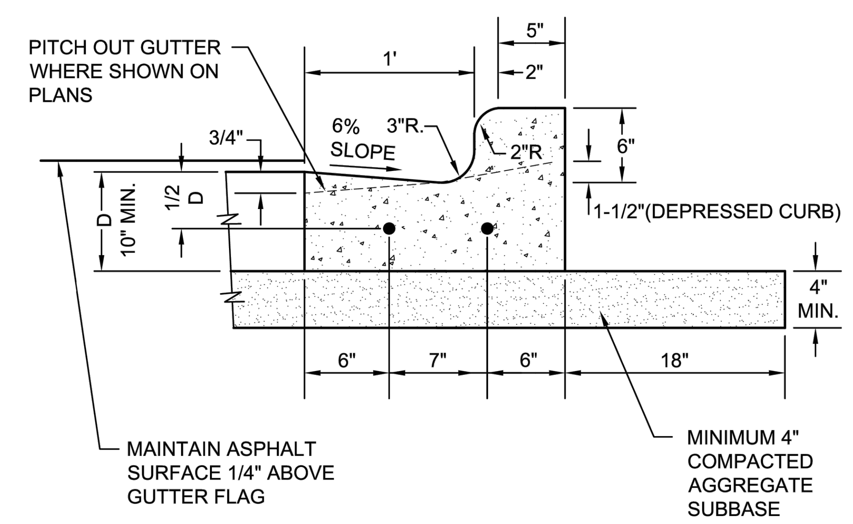
City of Naperville STANDARD DETAIL — UTILITY TRENCH PAVING SECTION (RIGID PAVEMENTS) — REVISED: 01/01/2013 — SHEET 1 OF 1 — PAVEMENT 12 — 590.12




NOTES:

1. THE TRENCH SHALL BE BACKFILLED WITH AGGREGATE (CA-6) AND COMPACTED TO 95% OF THE STANDARD PROCTOR DENSITY. TRENCH SPOILS OR EXCAVATED MATERIAL SHALL BE DISCARDED BY THE CONTRACTOR, AT HIS EXPENSE, AT DUMP SITES OR IN A SUITABLE FASHION AS APPROVED BY THE CITY ENGINEER.
2. PRIOR TO PLACING OF P.C.C. CONCRETE, THE EXPOSED EDGES OF ALL EXISTING PAVEMENT SHALL BE SAW CUT TO PROVIDE A SMOOTH, CLEAN EDGE, FREE OF LOOSE MATERIAL.
3. EXCAVATIONS SHALL BE PROTECTED BY BARRICADES WITH FLASHING LIGHTS. A 1" STEEL PLATE SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR AT LOCATIONS WHERE ADJUSTMENTS ARE LOCATED IN TRAVEL LANES UNTIL THE SURFACE RESTORATION IS COMPLETE. THE PLATE SHALL BE PROTECTED FROM SLIDING AND PROVIDED WITH BITUMINOUS RAMPS.
4. TRENCH TO BE COMPACTED IN CONFORMANCE WITH ARTICLE 603.08(METHOD 3) OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

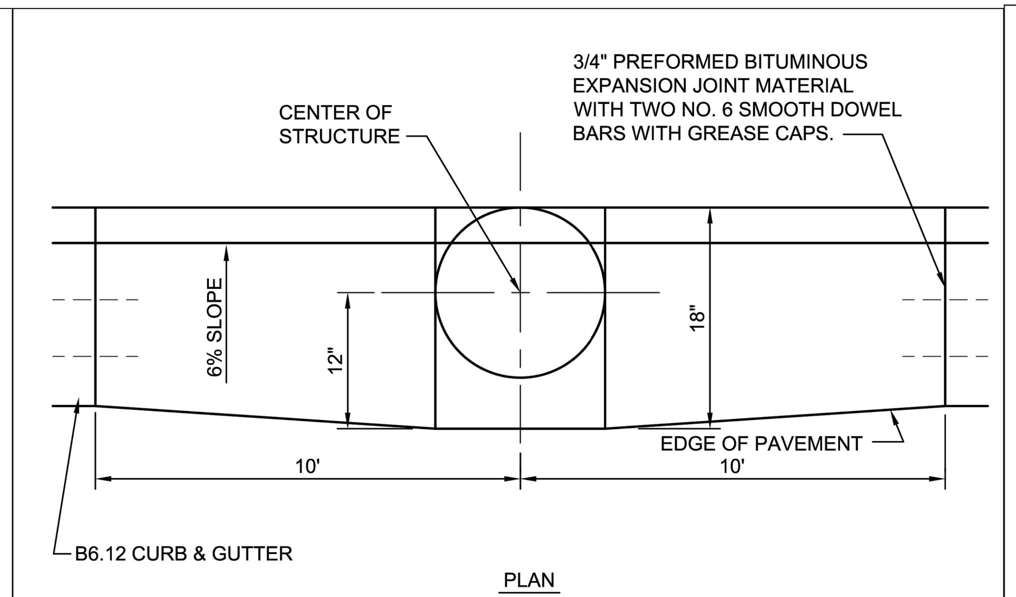
City of Naperville STANDARD DETAIL — UTILITY TRENCH PAVING SECTION (FLEXIBLE PAVEMENTS) — REVISED: 01/01/2013 — SHEET 1 OF 1 — PAVEMENT 13 — 590.13

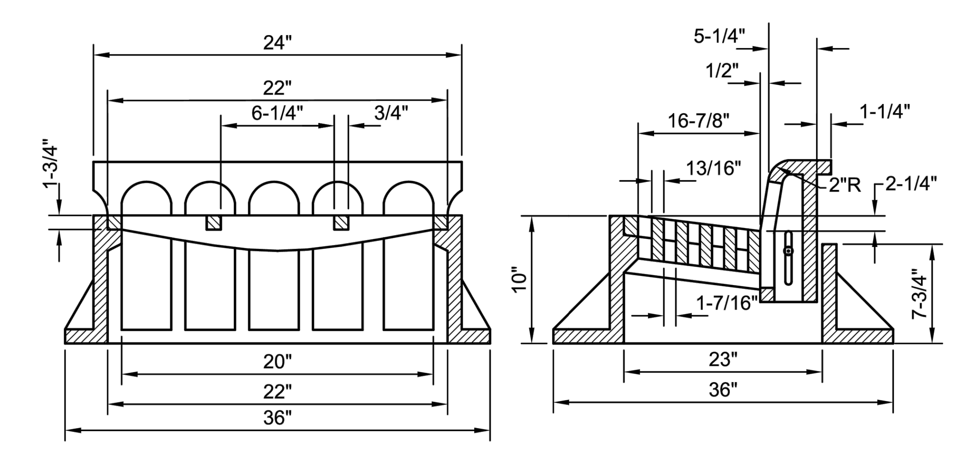



NOTES:

1. 3/4" PREFORMED BITUMINOUS EXPANSION JOINT WITH TWO (2) NUMBER 6 COATED SMOOTH DOWEL BARS (3/4" DIA. X 18") WITH GREASE CAPS SHALL BE PLACED EVERY 150', 10' EITHER SIDE OF DRAINAGE STRUCTURES, P.C.'S, RADIUS POINTS AND BACK OF CUL-DE-SACS. WHEN EXPANSION JOINTS ARE CONSTRUCTED ADJACENT TO EXISTING CURB & GUTTER THE EXISTING CURB SHALL BE DRILLED AND TWO (2) NUMBER 6 COATED SMOOTH DOWEL BARS ( 3/4" X 18") GROUTED IN PLACE. GREASE CAPS SHALL BE PLACED ON THE SIDE OF THE NEW CURB AND GUTTER SHALL HAVE A PINCHED STOP THAT WILL PROVIDE A MINIMUM 1" EXPANSION.
2. TOOLED CONTROL JOINTS OR SAWCUTS SHALL BE MADE EVERY 15'.
3. SAWCUTS SHALL BE MADE WITHIN TWENTY-FOUR (24) HOURS AND SEALED WITH A CITY APPROVED JOINT SEALANT. JOINTS SHALL BE CLEAN AND DRY PRIOR TO APPLICATION OF SEALANT.
4. FOR CURB AND GUTTER CONSTRUCTED OVER UTILITY TRENCHES, TWO (2) EPOXY COATED REINFORCING BARS (NO. 4) SHALL BE PLACED IN THE CURB AND GUTTER, CENTERED OVER THE TRENCH.

City of Naperville STANDARD DETAIL — B6.12 BARRIER CURB & GUTTER — REVISED: 01/01/2013 — SHEET 1 OF 1 — PAVEMENT 20 — 590.20

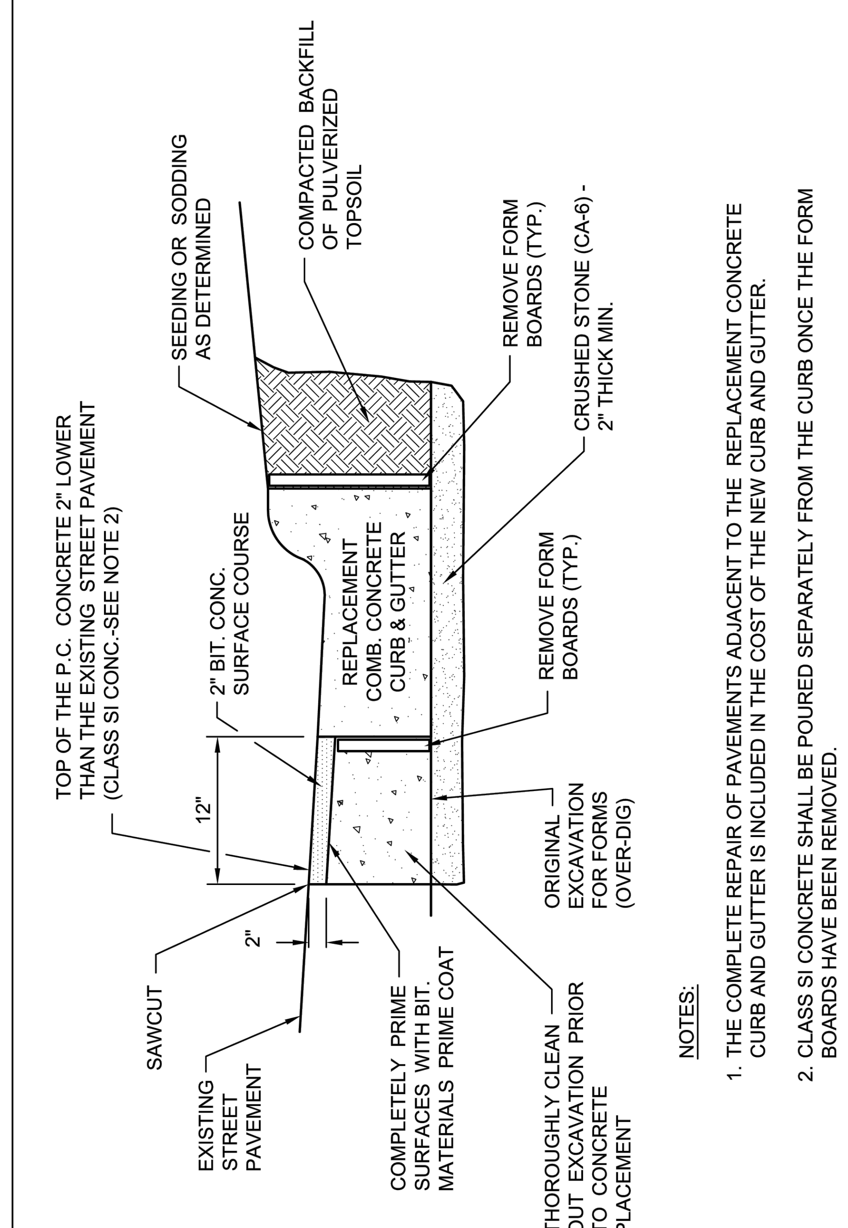



NOTES:

1. GRATE & CASTING SHALL BE EAST JORDAN 7220 OR NEENAH R-3278-A OR AS APPROVED BY THE CITY ENGINEER.
2. ALL CASTINGS SHALL BE SHOP PAINTED WITH AN ASPHALTIC BASE.

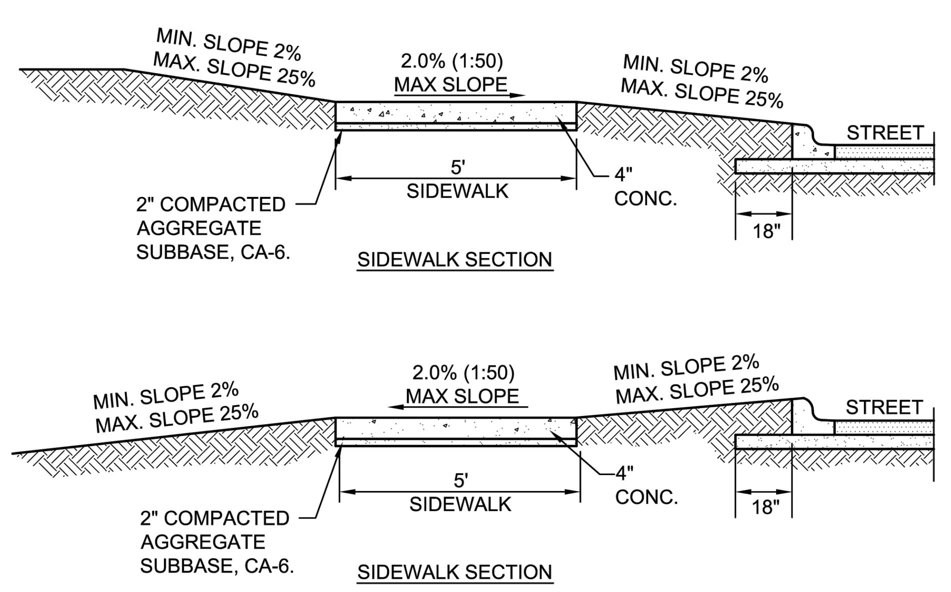
City of Naperville STANDARD DETAIL — B6.12 BARRIER CURB & GUTTER AT CURB INLETS — REVISED: 01/01/2013 — SHEET 1 OF 1 — PAVEMENT 21 — 590.21




NOTES:

1. THE COMPLETE REPAIR OF PAVEMENTS ADJACENT TO THE REPLACEMENT CONCRETE CURB AND GUTTER IS INCLUDED IN THE COST OF THE NEW CURB AND GUTTER.
2. CLASS SI CONCRETE SHALL BE POURED SEPARATELY FROM THE CURB ONCE THE FORM BOARDS HAVE BEEN REMOVED.

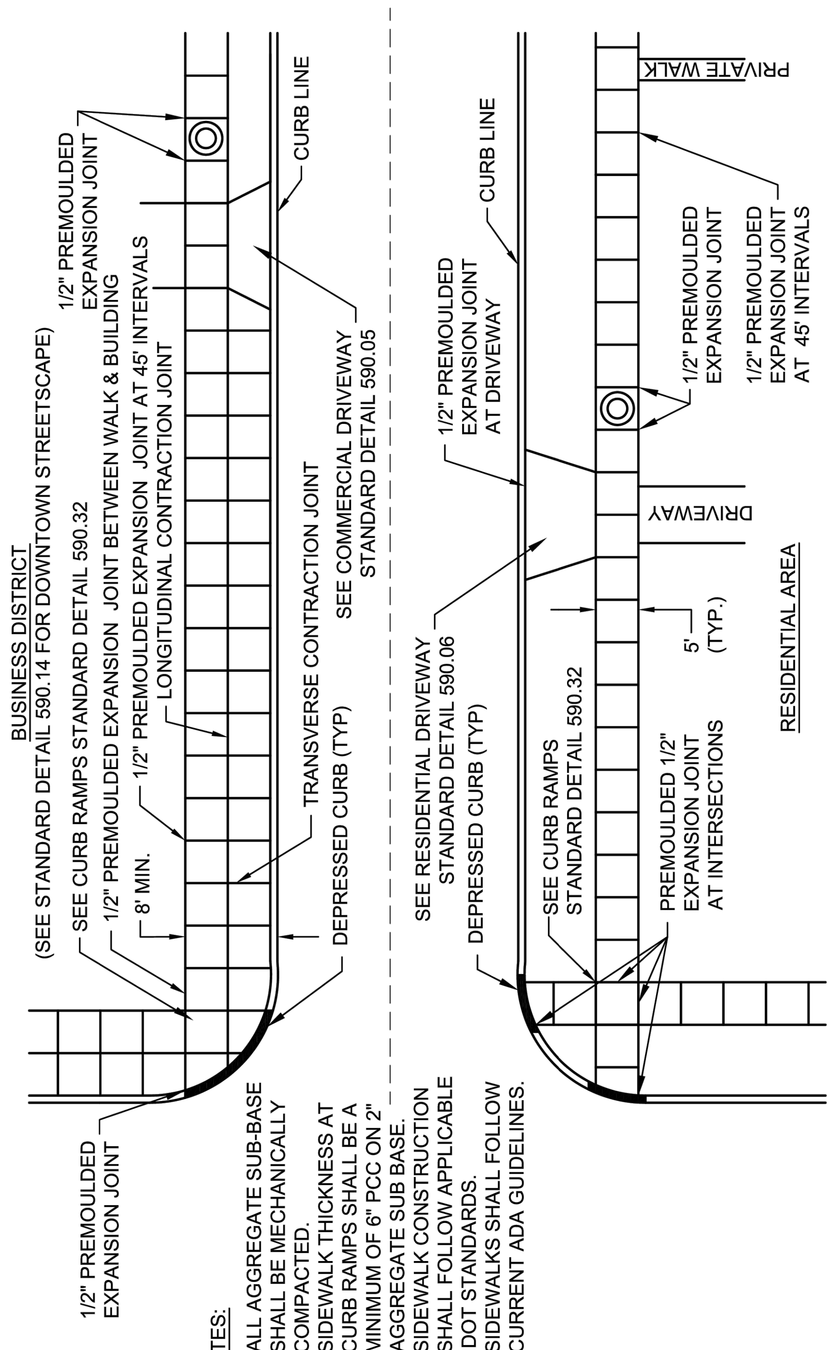
City of Naperville STANDARD DETAIL — CURB REPLACEMENT — REVISED: 05/15/2015 — SHEET 1 OF 1 — PAVEMENT 24 — 590.24




NOTES:

1. CONCRETE SHALL BE IDOT CLASS SI.
2. MINIMUM SIDEWALK THICKNESS SHALL BE 4".
3. SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE AT A MINIMUM 6" FOR RESIDENTIAL DRIVEWAYS AND 8" FOR COMMERCIAL DRIVEWAYS.
4. MAXIMUM LONGITUDINAL SLOPE SHALL NOT EXCEED 5% (20:1). FOR ANY SLOPE IN EXCESS OF 5%, ALL REQUIREMENTS OF THE ILLINOIS ACCESSIBILITY CODE (LATEST EDITION) SHALL BE MET.
5. MINIMUM TRANSVERSE SLOPE SHALL BE 1.0% (1:100). MAXIMUM TRANSVERSE SLOPE SHALL BE 2.0% (1:50).
6. A MINIMUM 2" AGGREGATE SUBBASE (CA-6) SHALL BE PROVIDED. (4" THROUGH COMMERCIAL DRIVEWAYS).
7. AGGREGATE SUBBASE SHALL BE MECHANICALLY COMPACTED.
8. ALL SIDEWALKS SHALL BE PROMPTLY BACKFILLED AND PROTECTED FROM DAMAGE.
9. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE IDOT STANDARDS.
10. SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.

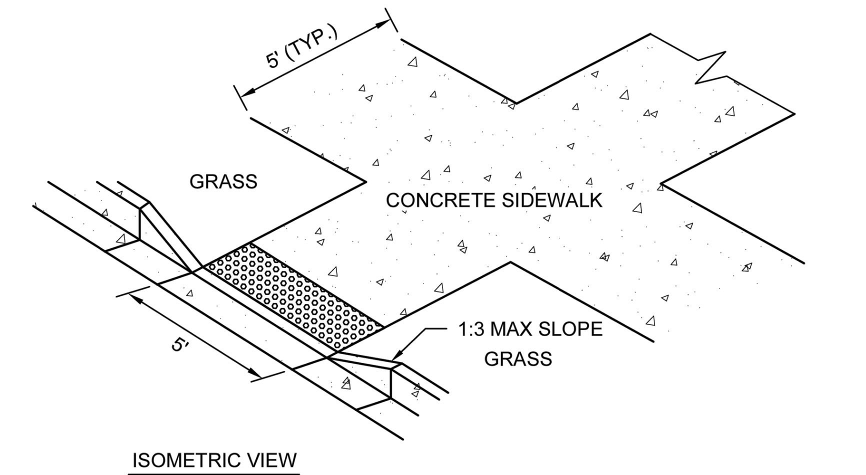
City of Naperville STANDARD DETAIL — SIDEWALK — REVISED: 01/01/2013 — SHEET 1 OF 1 — PAVEMENT 30 — 590.30




NOTES:

1. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED.
2. SIDEWALK THICKNESS AT CURB RAMPS SHALL BE A MINIMUM OF 6" PCC ON 2" AGGREGATE SUB BASE.
3. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE IDOT STANDARDS.
4. SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.

City of Naperville STANDARD DETAIL — SIDEWALK CONSTRUCTION — REVISED: 01/01/2013 — SHEET 1 OF 1 — PAVEMENT 31 — 590.31




ISOMETRIC VIEW

NOTES:

1. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED.
2. SIDEWALK THICKNESS AT CURB RAMPS SHALL BE A MINIMUM OF 6" PCC ON 2" AGGREGATE SUB BASE.
3. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE IDOT STANDARDS.
4. SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.

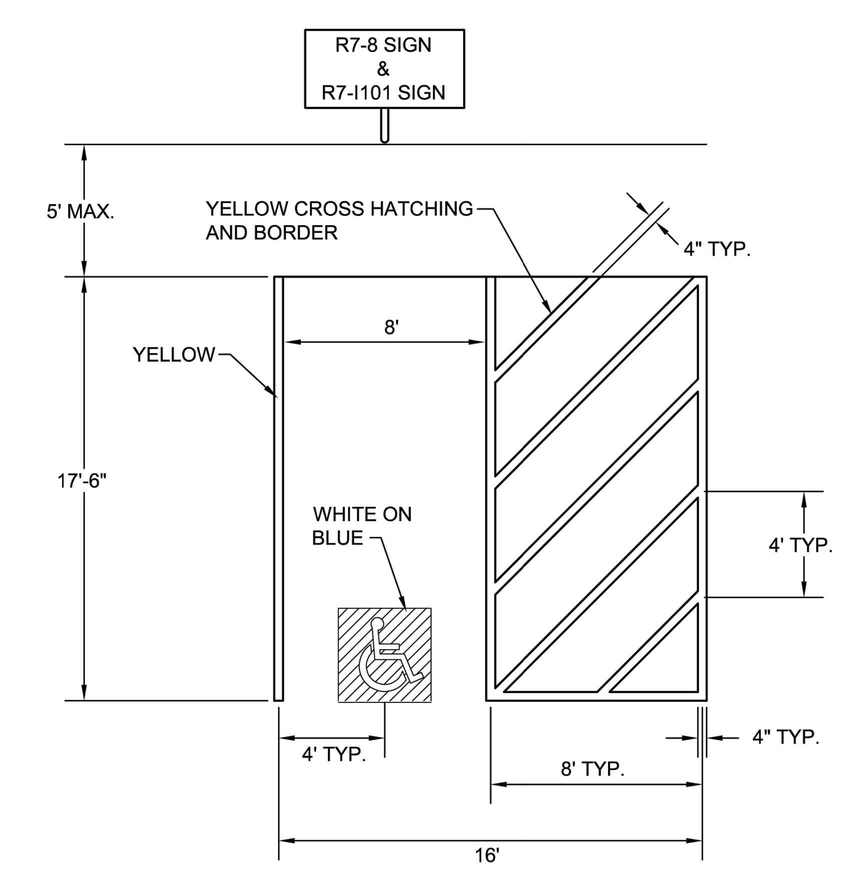
APPLICABLE IDOT STANDARD DETAILS (USE LATEST REVISION):

| | |
|---|---|
| 424001-XX | PERPENDICULAR CURB RAMPS FOR SIDEWALKS |
| 424006-XX | DIAGONAL CURB RAMPS FOR SIDEWALKS |
| 424011-XX | CORNER PARALLEL CURB RAMPS FOR SIDEWALKS |
| 424016-XX | MID-BLOCK CURB RAMPS FOR SIDEWALKS |
| 424021-XX | DEPRESSED CORNER FOR SIDEWALKS |
| 424026-XX | ENTRANCE/ALLEY PEDESTRIAN CROSSINGS |
| 424031-XX | MEDIAN PEDESTRIAN CROSSINGS |
| 606001-XX | CONCRETE CURB TYPE B AND COMB CONCRETE CURB AND GUTTER |

APPROVED ADA DETECTABLE WARNING TILES:

1. ADA SOLUTIONS - CAST IN PLACE REPLACEABLE
2. ARMOR TILE - CAST IN PLACE
3. DETECTILE - SLIMTEK II
4. TUFTILE - POLYMER WET-SET

City of Naperville STANDARD DETAIL — CURB RAMPS — REVISED: 08/01/2018 — SHEET 1 OF 1 — PAVEMENT 32 — 590.32




NOTE:

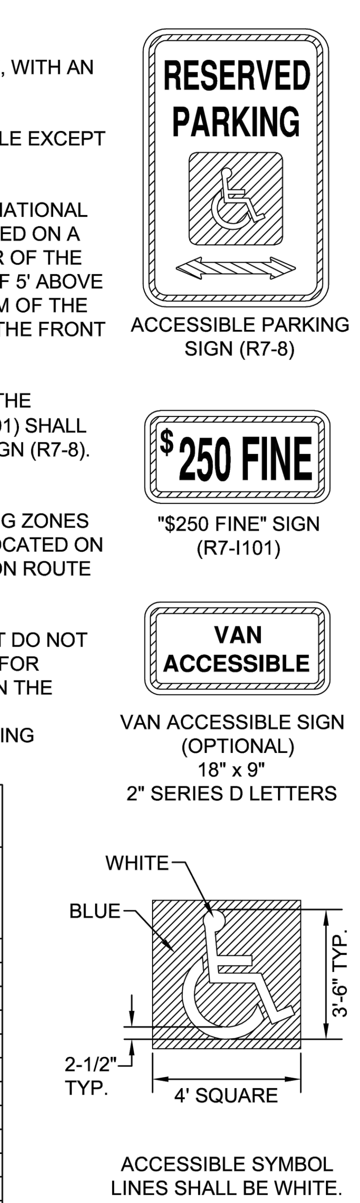
FOR MULTIPLE ACCESSIBLE PARKING SPACES IN A ROW, THE DESIGN ENGINEER HAS THE OPTION OF USING THE ABOVE SHOWN UNIT IN A COMBINATION OF LEFT-HANDED AND RIGHT-HANDED LAYOUTS IF IT PROVIDES FOR BETTER SITE DESIGN.

City of Naperville STANDARD DETAIL — ACCESSIBLE PARKING SPACE MARKINGS — REVISED: 10/04/2023 — SHEET 2 OF 3 — PAVEMENT 35 — 590.35

NOTES FOR ACCESSIBLE PARKING SPACES:

1. EACH PARKING SPACE SHALL BE AT LEAST 16' WIDE, WITH AN 8' WIDE ACCESS AISLE.
2. TWO PARKING SPACES MAY SHARE AN ACCESS AISLE EXCEPT FOR ANGLED PARKING SPACES.
3. PARKING SPACE IDENTIFICATION SIGN WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY (R7-8) SHALL BE MOUNTED ON A PERMANENT POST OR WALL AT THE FRONT CENTER OF THE ACCESSIBLE PARKING SPACE, SET AT A MINIMUM OF 5' ABOVE THE GROUND SURFACE MEASURED TO THE BOTTOM OF THE SIGN AND NO MORE THAN 5' HORIZONTALLY FROM THE FRONT OF A PARKING SPACE.
4. ACCESSIBLE PARKING SIGNS SHALL ALSO EXHIBIT THE WORDS "$250 FINE" OR THE "$250 FINE" SIGN (R7-I101) SHALL BE PLACED BENEATH THE ACCESSIBLE PARKING SIGN (R7-8).
5. PARKING SPACES DESIGNED FOR PERSONS WITH DISABILITIES AND ACCESSIBLE PASSENGER LOADING ZONES THAT SERVE A PARTICULAR BUILDING, SHALL BE LOCATED ON THE SHORTEST POSSIBLE ACCESSIBLE CIRCULATION ROUTE TO AN ACCESSIBLE ENTRANCE OF THE BUILDING.
6. IN SEPARATE PARKING STRUCTURES OR LOTS THAT DO NOT SERVE A PARTICULAR BUILDING, PARKING SPACES FOR PERSONS WITH DISABILITIES SHALL BE LOCATED ON THE SHORTEST POSSIBLE CIRCULATION ROUTE TO AN ACCESSIBLE PEDESTRIAN ENTRANCE OF THE PARKING FACILITY.

| # OF ACCESSIBLE SPACES REQUIRED PER # OF OFF STREET PARKING | |
|---|---|
| TOTAL OFF STREET PARKING SPACES REQUIRED | REQUIRED MINIMUM NUMBER OF ACCESSIBLE PARKING SPACES |
| 1 TO 25 | 1 |
| 26 TO 50 | 2 |
| 51 TO 75 | 3 |
| 76 TO 100 | 4 |
| 101 TO 150 | 5 |
| 151 TO 200 | 6 |
| 201 TO 300 | 7 |
| 301 TO 400 | 8 |
| 401 TO 500 | 9 |
| 501 TO 1000 | 2% OF TOTAL NUMBER |
| OVER 1000 | 20 PLUS 1 FOR EACH 100 OVER 1000 |




City of Naperville STANDARD DETAIL — ACCESSIBLE PARKING SPACE MARKINGS — REVISED: 10/04/2023 — SHEET 3 OF 3 — PAVEMENT 35 — 590.35

| ISSUE | REVISIONS | DATE |
|---|---|---|
| 1 | PRELIMINARY ENGINEERING | 06-06-2024 |
| 2 | REVISIONS PER NAPERVILLE | 09-26-2024 |

PROJECT STAFF
PROJECT MANAGER: R. WALKER P.E.
ENGINEER:
ENGINEER:
TECHNICIAN:


BCI BONO CONSULTING CIVIL ENGINEERS
A Sevee & Maher Engineers company
1018 BUSSE HIGHWAY, PARK RIDGE, IL 60068, 847-823-3300
4234 MERIDIAN PKWY, STE 116, AURORA, IL 60504, 331-229-3512
DESIGN FIRM NO. 184.008057-0002


# DETAILS

DAY CARE FACILITY
628 N. RIVER ROAD, NAPERVILLE, IL. 60563



| | |
|---|---|
| PROJECT NO.: | 240108 |
| BASE FILE: | |
| SHEET FILE: | |
| ISSUE DATE: | MAY 6, 2024 |
| SCALE: | NA |

SHEET NUMBER
C-4.1

GENERAL CONSTRUCTION NOTES

1. THE CONSTRUCTION SHALL BE UNDER THE GENERAL INSPECTION OF THE OWNER'S ENGINEER. THE CITY OR ITS REPRESENTATIVES SHALL PROVIDE PERIODIC OBSERVATION OF CONSTRUCTION ACTIVITIES AT THE SITE. UNDER NO CIRCUMSTANCES SHALL THE CONSTRUCTION OF THIS PROJECT BE UNDER THE GENERAL INSPECTION OF THE CITY.
2. ALL WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING SPECIFICATIONS:
   a. ILLINOIS DEPARTMENT OF TRANSPORTATION (I.D.O.T.) "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION.
   b. "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION.
   c. "ILLINOIS RECOMMENDED STANDARDS FOR SEWAGE WORKS" AS PUBLISHED BY THE I.E.P.A.
   d. "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (M.U.T.C.D.) LATEST EDITION.
   e. THE SUBDIVISION AND DEVELOPMENT CODES AND STANDARDS OF THE CITY.
   f. "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS" PUBLISHED BY THE ASSOCIATION OF ILLINOIS SOIL AND WATER CONSERVATION DISTRICTS.
3. WHERE A CONTRADICTION OCCURS WITH ANY PART OF THE STANDARD SPECIFICATIONS, THE MOST STRINGENT REQUIREMENT SHALL TAKE PRECEDENCE, AS DETERMINED BY THE ENGINEER.
4. THE CONTRACT DOCUMENTS (PLANS AND SPECIFICATIONS/GENERAL NOTES) SHALL SUPERSEDE THE STANDARD SPECIFICATIONS. IF THERE IS A CONFLICT BETWEEN THE PLANS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENT SHALL TAKE PRECEDENCE, AS DETERMINED BY THE ENGINEER.
5. THE CONTRACTOR SHALL HAVE AT LEAST ONE COPY OF ALL APPLICABLE SPECIFICATIONS AS WELL AS ONE COPY OF THE CONTRACT DOCUMENTS (PLANS AND SPECIFICATIONS) AVAILABLE AT THE JOB SITE AT ALL TIMES THAT WORK IS IN PROGRESS.
6. SHOULD ANY DISCREPANCIES OR CONFLICTS ON THE PLANS, QUANTITIES OR SPECIFICATIONS BE DISCOVERED BY THE CONTRACTOR, WHETHER PRIOR TO AWARDING OR AFTER THE AWARD OF THE CONTRACT, THE ENGINEER'S ATTENTION SHALL BE CALLED TO THE SAME BEFORE WORK IS BEGUN THEREON AND SO THAT PROPER CORRECTIONS CAN BE MADE.
7. CONTRACT DOCUMENTS AND DRAWINGS:
   A. THE ENGINEER'S DRAWINGS (THE PLANS) SHALL BE INCLUDED AS PART OF THE CONTRACT DOCUMENTS.
   B. N OT USED.
   C. ALL BIDDERS SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS PREPARED FOR THE WORK. THEY SHALL VISIT THE SITE OF THE WORK AND ACQUAINT THEMSELVES WITH ALL LOCAL CONDITIONS, CODES, AND REQUIREMENTS AFFECTING THE CONTRACT. IF AWARDED THE CONTRACT, THEY SHALL NOT BE ALLOWED EXTRA COMPENSATION BY REASON OF ANY UNFORESEEN DIFFICULTIES OR OBSTACLES WHICH THE BIDDER COULD HAVE DISCOVERED OR REASONABLY ANTICIPATED PRIOR TO THE BIDDING.
   D. SHOULD IT APPEAR THAT THE WORK COVERED BY THE CONTRACT DOCUMENTS IS NOT SUFFICIENTLY DETAILED OR EXPLAINED, AN RFI FORM SHALL BE SUBMITTED TO THE ENGINEER FOR FURTHER DRAWINGS OR EXPLANATIONS AS MAY BE NECESSARY TO CLARIFY THE POINT IN QUESTION PRIOR TO THE CONTRACT AWARD. IT IS THE INTENTION OF THE CONTRACT DOCUMENTS TO PROVIDE A JOB COMPLETE IN EVERY RESPECT. THE CONTRACTOR IS RESPONSIBLE FOR THIS RESULT AND TO TURN OVER THE PROJECT IN COMPLETE OPERATING CONDITION, IRRESPECTIVE OF WHETHER THE CONTRACT DOCUMENTS COVER EVERY INDIVIDUAL ITEM IN MINUTE DETAIL.
8. THE CITY DEPARTMENT OF PUBLIC WORKS SHALL BE NOTIFIED 24 HOURS IN ADVANCE TO SCHEDULE INSPECTIONS FOR SIDEWALK, CURB AND GUTTER DRIVEWAYS, APRONS, PAVING, GRADING, WATERMAIN, SEWER MAIN AND UTILITY SERVICES.
9. WORK SHALL NOT TAKE PLACE WITHOUT REQUIRED TRAFFIC CONTROL DEVICES AND BARRICADES IN PLACE PER THE M.U.T.C.D. ANY DEFICIENCY OF SAFETY OR TRAFFIC CONTROL DEVICES SHALL BE JUST CAUSE TO STOP THE PROJECT UNTIL SUCH TIME AS THE DEFICIENCY IS CORRECTED.
10. CITY STREETS SHALL NOT BE CLOSED WITHOUT THE WRITTEN PERMISSION OF THE ENGINEERING CONSULTANT AND THEN ONLY AFTER PROPER NOTIFICATION HAS BEEN GIVEN TO THE POLICE AND FIRE DEPARTMENTS.
11. THE CONTRACTOR SHALL IMMEDIATELY REMOVE MUD, SOIL OR DEBRIS DEPOSITED ON PUBLIC STREETS. FAILURE TO KEEP STREETS CLEAN SHALL BE JUST-CAUSE FOR ISSUANCE OF A STOP WORK ORDER OR CITATION.
12. SIGNS LOCATED IN THE PUBLIC RIGHT-OF-WAY MUST NOT BE REMOVED OR DAMAGED. IF A SIGN NEEDS TO BE MOVED, NOTIFY THE PUBLIC WORKS DEPARTMENT.
13. CONSTRUCTION MATERIALS SHALL NOT BE STORED WITHIN THE CITY RIGHT-OF-WAY.
14. THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED FEDERAL, STATE, COUNTY, I.D.O.T., I.E.P.A. AND MWRDGC PERMITS.
15. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, OBTAIN ALL OTHER PERMITS, LICENSES, ETC., AS MAY BE REQUIRED FOR THE EXECUTION OF THIS WORK, GIVE ALL NECESSARY NOTICES, PAY ALL FEES REQUIRED, POST ALL BONDS, AND COMPLY WITH ALL LAWS, ORDINANCES, RULES AND REGULATIONS RELATING TO THE WORK AND TO THE PRESERVATION OF PUBLIC HEALTH AND SAFETY.
16. ALL REQUIRED INSURANCE AND/OR BONDS SHALL BE PROVIDED BY THE CONTRACTOR AS MAY BE REQUIRED BY THE PERMITTING AGENCY.
17. THE CONTRACTOR SHALL MEET ALL OF THE REQUIREMENTS OF ANY PERMITS AS MIGHT BE ISSUED FOR THIS WORK BY OTHER AGENCIES, AND SHALL PAY FOR AT THEIR SOLE EXPENSE ANY SURETY OR BONDS AS MAY BE REQUIRED BY THE PERMITTING AGENCY.
18. THE CONTRACTOR IS RESPONSIBLE FOR HAVING A SET OF APPROVED ENGINEERING PLANS WITH THE LATEST REVISION DATE ON THE JOB SITE AT ALL TIMES DURING THE CONSTRUCTION PERIOD.
19. THE CONTRACTOR SHALL INDEMNIFY AND SAVE HARMLESS THE OWNER, BONO CONSULTING INC., AND THEIR OFFICERS AND EMPLOYEES; THE CITY AND THEIR OFFICERS, EMPLOYEES, AGENTS, AND CITY ENGINEERS CONSULTANTS, AND FROM AND AGAINST ALL LOSSES, CLAIMS, DEMANDS, PAYMENTS, SUITS, ACTIONS, RECOVERIES, AND JUDGMENT OF EVERY NATURE AND DESCRIPTION BROUGHT OR RECOVERED AGAINST THEM, BY REASON OF ANY ACT OR OMISSION OF SAID CONTRACTOR, THEIR AGENTS, SUBCONTRACTORS OR EMPLOYEES, IN THE EXECUTION OF THE WORK OR IN THE GUARDING OF IT.
20. THE LOCATION OF EXISTING UNDERGROUND UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS LINES, ETC., AS SHOWN ON THE PLANS, HAS BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE OWNER AND ENGINEER DO NOT ASSUME RESPONSIBILITY IN THE EVENT THAT DURING CONSTRUCTION, UTILITIES OTHER THAN THOSE SHOWN MAY BE ENCOUNTERED AND THAT THE ACTUAL LOCATION OF THOSE WHICH ARE SHOWN MAY BE DIFFERENT FROM THE LOCATION AS SHOWN ON THE PLANS. THE CONTRACTOR IS TO VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE START OF WORK AND IS RESPONSIBLE FOR DAMAGE TO SAME. THE CONTRACTOR SHALL CALL J.U.L.I.E. 1-800-892-0123 AND THE CITY PUBLIC WORKS DEPARTMENT FOR UTILITY LOCATES BEFORE EXCAVATING.
21. EXISTING UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES AND SURVEYS. THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THIS INFORMATION. THE CONTRACTOR SHALL MAKE THEIR OWN INVESTIGATION TO DETERMINE THE EXISTENCE, NATURE AND LOCATION OF ALL UTILITY LINES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENT. THE CONTRACTOR SHALL LOCATE ALL UTILITIES FAR ENOUGH IN ADVANCE TO AVOID ALL CONFLICTS IN GRADE SEPARATION BETWEEN EXISTING UTILITIES AND PROPOSED IMPROVEMENTS. IF THE CONTRACTOR ENCOUNTERS A CONFLICT BETWEEN THE PROPOSED IMPROVEMENT AND EXISTING UTILITY THAT WAS NOT LOCATED IN ADVANCE BY THE CONTRACTOR, THEN THE CONTRACTOR SHALL AT NO COST TO OWNER, RELOCATE THE PROPOSED IMPROVEMENTS AND/OR UTILITY TO AVOID THE CONFLICT.
22. THE CONTRACTOR WILL BE REQUIRED TO COOPERATE WITH ALL UTILITY COMPANIES INVOLVED IN CONNECTION WITH THE REMOVAL, TEMPORARY RELOCATION, RECONSTRUCTION OR ABANDONMENT BY THESE COMPANIES OF ANY AND ALL SERVICES OR FACILITIES OWNED OR OPERATED BY THEM WITHIN THE LIMIT OF THIS IMPROVEMENT.
23. BEFORE DOING ANY WORK WHICH WILL DAMAGE, DISTURB OR LEAVE UNSUPPORTED OR UNPROTECTED ANY UTILITY LINES OR APPURTENANCES ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE RESPECTIVE OWNER THEREOF, WHO WILL MAKE ALL ARRANGEMENTS FOR RELOCATING, ADJUSTING, OR OTHERWISE MAINTAINING OR ABANDONING SERVICE ON LINES THAT FALL WITHIN THE LIMITS OF THE PROPOSED CONSTRUCTION WITHOUT COST TO THE CONTRACTOR, INCLUDING THE REMOVAL OF ALL CABLES, MANHOLE COVERS AND OTHER APPURTENANCES WHICH THE OWNER DESIRES TO SALVAGE. AFTER SUCH ARRANGEMENTS HAVE BEEN MADE, THE CONTRACTOR WILL PROCEED WITH THE WORK AS DIRECTED BY THE ENGINEER. ALL UTILITY LINES AND APPURTENANCES WHICH ARE ABANDONED SHALL BE REMOVED AND LEGALLY DISPOSED OF BY THE CONTRACTOR.
24. NO EXTRA COMPENSATION WILL BE ALLOWED BY THE CONTRACTOR FOR ANY EXPENSE INCURRED BY COMPLYING WITH THESE REQUIREMENTS OR BECAUSE OF DELAYS, INCONVENIENCE OR INTERRUPTIONS IN THEIR WORK RESULTING FROM THE FAILURE OF ANY UTILITY COMPANY TO REMOVE, RELOCATE, RECONSTRUCT OR ABANDON THEIR SERVICES. THE RESPONSIBILITY FOR PROMPT AND TIMELY REMOVAL, RELOCATION, RECONSTRUCTION OR ABANDONMENT OF THEIR FACILITIES BY ALL UTILITY COMPANIES INVOLVED, AND THE COORDINATION OF THEIR OWN WORK WITH THAT OF THESE COMPANIES TO THE END THAT WORK ON THIS IMPROVEMENT IS NOT DELAYED BECAUSE OF THE NECESSARY CHANGES IN THE EXISTING UTILITIES, PUBLIC OR PRIVATE, SHALL REST UPON THE CONTRACTOR.
25. ALL EXISTING UTILITIES OR IMPROVEMENTS, INCLUDING WALKS, CURBS, PAVEMENTS AND PARKWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE PROMPTLY RESTORED TO THEIR RESPECTIVE ORIGINAL CONDITION.
26. ALL EXISTING PAVEMENT OR CONCRETE TO BE REMOVED SHALL BE SAW CUT ALONG THE LIMITS OF THE PROPOSED REMOVAL. PAYMENT FOR SAWING SHALL BE INCLUDED IN THE COST OF THE REMOVAL OF EACH ITEM.
27. THE CONTRACTOR IS TO VERIFY ALL CRITICAL ELEVATIONS PRIOR TO COMMENCING WORK AND IF THERE ARE ANY DISCREPANCIES, IS TO NOTIFY THE ENGINEER IMMEDIATELY. THE CONTRACTOR SHALL CALL TO THE ATTENTION OF THE ENGINEER ANY ERRORS OR DISCREPANCIES WHICH MAY BE SUSPECTED IN THE LINES AND GRADES WHICH ARE ESTABLISHED BY THE SURVEYOR, AND SHALL NOT PROCEED WITH THE WORK UNTIL ANY LINES AND GRADES WHICH ARE TO BELIEVED TO BE IN ERROR HAVE BEEN VERIFIED OR CORRECTED BY THE ENGINEER.
28. NO HOLES ARE TO BE LEFT OPEN IN THE PAVEMENT OR THE PARKWAY OVER A HOLIDAY, WEEKEND, OR AFTER 3 P.M. ON THE DAY PRECEDING A HOLIDAY OR WEEKEND.
29. WHENEVER THE PERFORMANCE OF WORK IS INDICATED ON THE PLANS, AND NO ITEM IS INCLUDED IN THE CONTRACT FOR PAYMENT, THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
30. ALL ITEMS SHOWN TO BE REMOVED, SHALL BE LEGALLY DISPOSED OF OFF-SITE.
31. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE GUARANTEED AGAINST ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF WHATEVER NATURE BY THE CONTRACTOR AND HIS SURETY FOR A MINIMUM PERIOD OF 12 MONTHS FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK BY THE CITY, OTHER APPLICABLE GOVERNMENTAL AGENCIES, AND THE OWNER.
32. NO WORK SHALL BE PERFORMED ON ADJACENT PRIVATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE PROPERTY OWNER.
33. DURING CONSTRUCTION THE CONTRACTOR AND THEIR SUBCONTRACTORS SHALL REMOVE FROM THE PREMISES, RUBBISH, WASTE MATERIAL AND ACCUMULATIONS, AND SHALL KEEP THE PREMISES CLEAN. THE CONTRACTOR SHALL CLEAN THE PREMISES TO THE SATISFACTION OF THE OWNER, ENGINEER, AND CITY.
34. THE CONTRACTOR SHALL HAVE APPROPRIATE EQUIPMENT, INCLUDING STREET SWEEPERS AND END LOADERS AVAILABLE ON-SITE AT ALL TIMES WHEN EQUIPMENT OR VEHICLES ARE USING EXISTING PUBLIC OR PRIVATE PAVEMENT. THE CONTRACTOR SHALL IMMEDIATELY REMOVE ANY DIRT, MUD, CLAY, SEDIMENT, CONCRETE, GRAVEL, SAND, STONES, PLANT MATTER, DEBRIS, REFUSE, GARBAGE, ETC. DEPOSITED ON ANY STREET, SIDEWALK OR ALLEY BY ANY EQUIPMENT, VEHICLES OR PEOPLE ASSOCIATED WITH THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL CITY ORDINANCES INCLUDING ANY AND ALL ASSESSMENTS OF COST THAT MAY RESULT. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE WORK.
35. ALL TRENCHING, SHORING, AND CONSTRUCTION WORK PERFORMED SHALL BE IN ACCORDANCE WITH O.S.H.A. STANDARDS. THE CONTRACTOR SHALL AT ALL TIMES MAINTAIN PROPER DUST CONTROL AT THE SITE AND SHALL HAVE A WATERING TRUCK READILY AVAILABLE DURING ALL WORKING HOURS.
36. THE CONTRACTOR SHALL WATER THE ENTIRE SITE WHENEVER THE SITE CONDITIONS BECOME UNHEALTHY DUE TO BLOWING SOIL OR DUST. THE SITE SHALL BE WATERED AS MANY TIMES PER DAY AS NECESSARY TO MAINTAIN A HEALTHY WORK SITE AS DETERMINED BY THE OWNER OR ENGINEER. WATER FOR NON-EMERGENCY USE SHALL NOT BE OBTAINED FROM ANY FIRE HYDRANT, UNLESS THE FIRE HYDRANT IS METERED IN ACCORDANCE WITH CITY REQUIREMENTS. NO FIRE HYDRANTS ARE TO BE OPENED BY THE CONTRACTOR. ONLY THE CITY OF PUBLIC WORKS DEPARTMENT SHALL OPEN AND CLOSE HYDRANTS ON THE CITY'S WATER SYSTEM. THE COST TO FURNISH DUST CONTROL SHALL BE INCIDENTAL TO THE COST OF CONSTRUCTION.
37. THE CONTRACTOR MUST FOLLOW THE REQUIREMENTS OF THE CITY SPECIFICATION FOR ALL PAVEMENT OPENINGS AND REPAIRS.
38. TREE REMOVAL PERMIT IS REQUIRED FOR REMOVAL OF ALL TREES 10" DIAMETER OR GREATER.
39. AN INSPECTION OF THE TOP OF FOUNDATION WILL BE REQUIRED PRIOR TO POURING.
40. A FINAL INSPECTION OF GRADING WILL BE REQUIRED BEFORE PLACEMENT OF ANY SOD.
41. ALL STREET OPENINGS SHALL BE IN ACCORDANCE WITH IDOT STANDARDS FOR WORK WITHIN AN IDOT R.O.W.
42. ALL RETAINING WALLS GREATER THAN 30" HIGH NEED A PROTECTIVE RAILING. ALL RETAINING WALLS GREATER THAN 36" HIGH NEED TO BE APPROVED BY A LICENSED STRUCTURAL ENGINEER. RETAINING WALL DRAWINGS BY OTHERS.
43. CONSTRUCTION STAKING SHALL BE PROVIDED BY THE CONTRACTOR AND SHALL BE INCLUDED IN THE CONTRACT PRICE. A LICENSED SURVEYOR MUST STAKE ALL GRADING, UTILITY AND PAVING WORK.
44. ALL STORM SEWER LIDS TO BE EMBOSSED WITH "STORM".
45. ALL SANITARY SEWER LIDS TO BE EMBOSSED WITH "SANITARY".
46. ALL WATER VAULT LIDS TO BE EMBOSSED WITH "WATER".
47. MUD BASINS: 48 INCHES IN DIAMETER, THE BOTTOM SHALL NOT BE LESS THAN 27 INCHES BELOW THE INVERT OF THE OUTLET PIPE. THE OUTLET PIPE SHALL BE TRAPPED WITH A CATCH BASIN TRAP AND SHALL BE CONSTRUCTED OF CAST IRON WITH A SEAL OF AT LEAST 6 INCHES IN DIAMETER AND A CLEANOUT OF AT LEAST 4 INCHES IN DIAMETER.
48. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR OR ENGINEER SHALL SUBMIT FOUR (4) SETS OF AS-BUILT ENGINEERING PLANS AND A GRADING CERTIFICATE. THESE DOCUMENTS SHALL BE SUBMITTED WITHIN THIRTY (30) DAYS OF FINAL APPROVAL TO THE CITY.

SITE PLAN NOTES:

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY /COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2. ALL DISTURBED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL, SEED, MULCH AND WATER UNTIL HEALTHY STAND OF GRASS IS ESTABLISHED UNLESS OTHERWISE NOTED.
3. ALL CURBED RADII ARE TO BE 3' MEASURED TO FACE OF CURB UNLESS OTHERWISE NOTED. STRIPED RADII ARE TO BE 5' UNLESS OTHERWISE NOTED.
4. ALL DIMENSIONS ARE FACE OF CURB TO FACE OF CURB AND RADII ARE BACK OF CURB OR BUILDING FOUNDATION UNLESS OTHERWISE NOTED.
5. BUILDING DIMENSIONS AND ADJACENT PARKING AND UTILITY LAYOUT HAVE BEEN PREPARED BASED UPON ARCHITECTURAL INFORMATION CURRENT AT THE DATE OF THIS DRAWING. SUBSEQUENT ARCHITECTURAL CHANGES MAY EXIST, THEREFORE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR PRECISE BUILDING DIMENSIONS AND EXACT UTILITY ENTRANCE LOCATIONS AND NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
6. ALL PROPOSED CURB AND GUTTER SHALL BE B6.12 UNLESS OTHERWISE NOTED.
7. EXISTING TOPOGRAPHY BY UNITED SURVEY. CONTRACTOR SHALL FIELD CHECK EXISTING ELEVATIONS AND CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT AND ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING CONSTRUCTION.
8. THE CONTRACTOR SHALL CONTACT J.U.L.I.E. (1-800-892-0123) PRIOR TO ANY WORK TO LOCATE UTILITIES AND SHALL CONTACT THE OWNER SHOULD UTILITIES APPEAR TO BE IN CONFLICT WITH THE PROPOSED IMPROVEMENT..
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, (UNLESS OTHERWISE NOTED ON PLANS) INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS AND POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES REQUIREMENTS AND PROJECT SITEWORK SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
10. SITE BOUNDARY, TOPOGRAPHY, UTILITY AND ROAD INFORMATION TAKEN FROM A SURVEY BY OTHERS.
11. IMPROVEMENTS ADJACENT TO BUILDING IF SHOWN SUCH AS TRUCK DOCK, RETAINING WALLS, SIDEWALKS, CURBING, CANOPIES, RAMPS, HANDICAP ACCESS, PLANTERS, DUMPSTERS AND TRANSFORMERS ETC. HAVE BEEN SHOWN FOR APPROXIMATE LOCATION ONLY. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
12. THE CONTRACTOR SHALL ADJUST RIM ELEVATIONS OF ALL EXISTING STRUCTURES TO PROPOSED GRADES AS INDICATED ON PLANS.
13. CONTRACTOR TO VERIFY LOCATION, SIZES, AND ELEVATIONS OF ALL BUILDING SERVICE LOCATIONS WITH ARCHITECTURAL PLANS.
14. TOTAL DISTURBED LAND AREA IS 1.19 +/- ACRES.
15. NO SPECIAL CONDITIONS WERE PRESENT ON THIS SITE.
16. THE SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE "SITE SPECIFIC SPECIFICATIONS."
17. MONUMENT AND/OR PYLON SIGNS SHALL BE CONSTRUCTED BY OWNER ASSIGNED CONTRACTOR.
18. ALL GENERAL CONTRACTOR WORK TO BE COMPLETED (EARTHWORK, FINAL UTILITIES, AND FINAL GRADING) BY THE MILESTONE DATE IN PROJECT DOCUMENTS. OUTLOT AREA TO BE KEPT FREE OF JOB TRAILERS AND STORAGE AFTER THE CONTRACT MILESTONE DATE FOR THE OUTLOT. PURCHASER OF OUTLOT TO PROVIDE PERMIT DOCUMENTS AND SWPPP REQUIRED BY STATE/LOCAL REQUIREMENTS FOR SPECIFIC OUTLOT, IF REQUIRED.
19. ALL ROADWAY AND PARKING LOT IMPROVEMENTS SHALL BE COMPLETED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS, LATEST EDITION.
20. ROUTING OF GAS, ELECTRIC AND TELEPHONE SERVICES IF SHOWN ARE APPROXIMATE ONLY AND SUBJECT TO CHANGE BASED UPON FINAL REVIEW AND APPROVAL BY RESPECTIVE UTILITY COMPANIES AND OWNER. CONTRACTOR SHALL CONTACT EACH UTILITY COMPANY AND COORDINATE FINAL LOCATIONS FOR ALL UTILITY SERVICES PRIOR TO START OF CONSTRUCTION.
21. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.

**CONCRETE NOTES:**

1. CLEAN, FULL DEPTH SAWCUT THROUGH EXISTING SIDEWALK & PAVEMENT SCHEDULED FOR REMOVAL. REPLACE TO MATCH EXISTING.
2. AGGREGATE BASE COURSE FOR NEW SIDEWALK SHALL CONSIST OF 4" CA-6 BASE COURSE.
3. CONCRETE SIDEWALK PAVEMENT SHALL CONSIST OF MINIMUM 5" THICK P.C., ALL CONCRETE SHALL BE MINIMUM 3,500 PSI.
4. CONCRETE AND BASE COURSE SHALL BE IN ACCORDANCE WITH SECTION 420 IDOT STANDARD SPECIFICATIONS.
5. SIDEWALK CROSS SLOPE IS 1" PER 5.33', DESIRABLE; 1" PER 8' MINIMUM; AND 1" PER 4' MAXIMUM. FRONT HANDICAP ACCESS RAMP SHALL BE @ 1:12' MAX.
6. A ¾" FIBER EXPANSION JOINT SHALL BE INSTALLED WHEN THE NEW PAVEMENT OR SIDEWALK ABUTS ANY BUILDING.
7. CONTRACTION JOINTS SHOULD BE SAWCUT A MINIMUM OF TWO INCHES DEEP WITHIN 4-12 HOURS OF CONCRETE PLACEMENT, BUT NO LATER THAN 24 HOURS AFTER CONCRETE PLACEMENT, BE IN ACCORDANCE WITH SECTION 420.10(D) IDOT STANDARD SPECIFICATIONS.
8. ALL CURB SHALL BE 6" HIGH UNLESS OTHERWISE NOTED. AREAS OF BARRIER CURB ONLY OR CURB & GUTTER SHOWN ON PLANS. AREAS OF REVERSE GUTTER PITCH ARE SHOWN ON PLANS.PROVIDE THREE (3) #4-1/2 INCH REBARS, TEN (10) FOOT LONG WHERE THE SIDEWALK CROSSES TRENCHES.
9. CONTRACTION JOINTS AROUND SEWER STRUCTURES SHALL BE DIAMOND SHAPED, WITH A THREE FOOT MINIMUM LENGTH PER LEG.
10. MAXIMUM 50' C-C BETWEEN EXPANSION JOINTS IN CURBS OR SIDEWALK.

**ASPHALT NOTES**

1. ASPHALT SURFACE SHALL BE WARRANTEED FOR ONE YEAR AGAINST BIRD BATHING/PONDING OF 1/4" STANDING WATER AREAS GREATER THAN 25 SQUARE FEET.
2. TRANSITION GRADE CHANGES TO BE SMOOTH.
3. MARKING PAINT SHALL BE HIGH QUALITY TRAFFIC PAINT INTENDED FOR STRIPING ASPHALT PARKING LOTS COLOR SHALL BE YELLOW. WIDTH: 4", COVERAGE RATE: 450 FEET PER GALLON PER IDOT ARTICLE 780.
4. ASPHALT SECTIONS DETAILED ON SHEET 5 OF 8.

**EARTHWORK AND GRADING**

1. ALL EARTHWORK SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS, "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," LATEST EDITION AND "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," LATEST EDITION. INCLUDED IN THIS WORK, BUT NOT NECESSARILY LIMITED TO THE FOLLOWING ARE: CLEARING, STRIPPING AND STOCKPILING OF TOPSOIL, MASS GRADING AND FINE GRADING OF THE SITE AND ROADWAYS, EXCAVATION OF UNSUITABLE MATERIALS AND EXCAVATION OF DETENTION PONDS, LANDSCAPE MOUND CONSTRUCTION, AND MISCELLANEOUS TOPSOIL RESPREAD AND SEEDING.
2. ANY EARTHWORK SUMMARIES PROVIDED BY THE ENGINEER ARE INTENDED TO BE USED AS A GUIDE FOR THE CONTRACTOR IN DETERMINING THE SCOPE OF THE COMPLETED PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE ALL MATERIAL QUANTITIES AND APPRAISE THEMSELVES OF ALL SITE CONDITIONS. THE CONTRACT PRICE SUBMITTED BY THE CONTRACTOR SHALL BE CONSIDERED AS LUMP SUM FOR THE COMPLETE PROJECT. **NO CLAIMS FOR EXTRA WORK WILL BE RECOGNIZED UNLESS ORDERED IN WRITING BY THE OWNER.**
3. THE INITIAL ESTABLISHMENT OF EROSION CONTROL PROCEDURES SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO THE START OF MASS GRADING.
4. ALL GRADING OPERATIONS ARE TO BE SUPERVISED AND INSPECTED BY THE OWNER'S ENGINEER OR THEIR REPRESENTATIVE. ALL TESTING, INSPECTION, AND SUPERVISION OF SOIL QUALITY, UNSUITABLE SOIL REMOVAL AND ITS REPLACEMENT, AND OTHER SOILS RELATED OPERATIONS SHALL BE ENTIRELY THE RESPONSIBILITY OF THE SOILS ENGINEER. NO UNDERCUT SHALL BE PERFORMED OR CLAIMS FOR EXTRA WORK WITHOUT AUTHORIZATION BY THE OWNER AND DOCUMENTATION BY THE SOILS ENGINEER.
5. CLEARING SHALL CONSIST OF THE REMOVAL AND DISPOSAL OF ALL OBSTRUCTIONS SUCH AS TREES, HEDGES, FENCES, WALLS, ACCUMULATIONS OF RUBBISH OF WHATEVER NATURE, AND ALL LOGS, SHRUBS, BRUSH, GRASS, WEEDS, AND OTHER VEGETATION AND STUMPS. THESE ITEMS SHALL BE PERFORMED WHENEVER THEY OCCUR WITHIN THE STREET RIGHT OF WAYS, AND WITHIN THE LIMITS OF CONSTRUCTION. TREES TO BE SAVED SHALL BE IDENTIFIED BY THE ENGINEER ON THE CONSTRUCTION PLANS. ALL TREES, EXCEPT THOSE DESIGNATED TO BE SAVED, AND ALL STUMPS SHALL BE CUT AND LEGALLY DISPOSED OF. TREES, STUMPS, AND HEDGES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED COMPLETELY. TREES DESIGNATED TO BE SAVED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER, SHALL BE PROTECTED IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN ARTICLE 201.05 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
6. STRIP TOPSOIL DOWN TO FIRM SUBBASE. STOCKPILE QUANTITY NECESSARY FOR LANDSCAPING, AND REMOVE OTHER MATERIALS FROM THE SITE.
7. EXCAVATION SHALL CONSIST OF THE EXCAVATION, REMOVAL, AND SATISFACTORILY DISPOSAL OR PLACEMENT AND COMPACTION OF ALL MATERIALS TAKEN FROM WITHIN THE SITE FOR THE CONSTRUCTION OF EMBANKMENTS, SUBGRADE, SUBBASE, SHOULDERS, INTERSECTIONS, DITCHES, WATERWAYS, ENTRANCES, APPROACHES AND INCIDENTAL WORK, AND THE REMOVAL AND SATISFACTORY DISPOSAL OF UNSTABLE AND UNSUITABLE MATERIALS AND THEIR REPLACEMENT WITH SATISFACTORY MATERIALS WHERE REQUIRED.
8. AFTER STRIPPING AND EXCAVATING TO THE PROPOSED SUBGRADE LEVEL, AS REQUIRED, THE BUILDING AND PARKING AREAS SHOULD BE PROOF-ROLLED WITH A LOADED, TANDEM-AXLE DUMP TRUCK OR SIMILAR RUBBER TIRED VEHICLE, LOADED WITH AT LEAST 9 TONS PER AXLE. PROOF-ROLLING AIDS IN PROVIDING A FIRM BASE FOR COMPACTION OF FILLS, AND HELP TO DELINEATE SOFT, LOOSE, OR DISTURBED AREAS THAT MAY EXIST BELOW SUBGRADE LEVEL. PROOF-ROLLING IS ESPECIALLY IMPORTANT TO HELP EVALUATE THE SURFICIAL STABILITY OF EXISTING FILL SOILS THAT MAY BE LEFT IN PLACE BELOW FLOOR SLABS AND PAVEMENTS. SOILS WHICH ARE OBSERVED TO RUT OR DEFLECT EXCESSIVELY (MORE THAN 1 INCH) UNDER THE MOVING LOAD SHOULD EITHER BE SCARIFIED AND RE-COMPACTED WITH A SMOOTH DRUM VIBRATORY ROLLER FOR GRANULAR SOILS, A SHEEPS FOOT ROLLER FOR COHESIVE SOILS, OR UNDERCUT AND REPLACED WITH PROPERLY COMPACTED AND DOCUMENTED STRUCTURAL FILL. THE PROOF-ROLLING AND UNDERCUTTING ACTIVITIES SHOULD BE OBSERVED AND DOCUMENTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER AND SHOULD BE PERFORMED DURING A PERIOD OF DRY WEATHER. IN ADDITION TO PROOF-ROLLING, THE SUBGRADE SOILS SHOULD BE SCARIFIED AND COMPACTED TO AT LEAST 90 PERCENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY ASTM D 698 FOR A DEPTH OF AT LEAST 8 INCHES BELOW THE SURFACE.
9. WHERE ENCOUNTERED, LOOSE SANDS SHOULD BE RE-COMPACTED WITH A VIBRATORY ROLLER. CLAY SUBGRADE SOILS CAN BE EASILY DISTURBED BY CONSTRUCTION ACTIVITIES AND ARE SENSITIVE TO MOISTURE. THEREFORE, EXTRA CARE SHOULD BE USED TO AVOID DISTURBING THESE SOILS DURING CONSTRUCTION ACTIVITIES. IF THE SOILS BECOME UNSTABLE DURING CONSTRUCTION, OR IF NEAR SURFACE SOFT SUBGRADE SOILS ARE ENCOUNTERED, IT IS RECOMMENDED THAT COARSE AGGREGATE BE PLACED ON THE SUBGRADE UNTIL A STABLE BASE FOR COMPACTION OF FILL IS ACHIEVED. TYPICALLY, 12 TO 24 INCHES OF COURSE AGGREGATE ARE REQUIRED, DEPENDING IN THE CONSISTENCY OF THE SUBGRADE. THE COURSE AGGREGATE SHOULD CONSISTS OF CLEAN, CRUSHED STONE GRAVEL BETWEEN 1/4 AND 3 INCHES IN SIZE. THE COURSE AGGREGATE SHOULD BE SPREAD IN A MAX. OF 12-INCH LAYERS AND CONSOLIDATED WITH COMPACTION EQUIPMENT UNTIL IT IS "LOCKED" IN PLACE.
10. TOPSOIL EXCAVATION SHALL CONSIST OF THE REMOVAL AND STOCKPILING, OR PLACING ON FILL SLOPES OR PLACING IN MOUNDS, OF THE UPPERMOST LAYERS OF ORGANIC SOIL. TOPSOIL SHALL BE STOCKPILED ON THE AREAS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
11. TOPSOIL RESPREAD SHALL CONSIST OF PLACING A MINIMUM OF A FOUR (4) INCH LAYER OF TOPSOIL OVER THE UNPAVED AREAS WITHIN THE CONSTRUCTION LIMITS.
12. 6" TOPSOIL & SOD SHALL BE PLACED ON ALL DISTURBED AREAS WITHIN THE RIGHT OF WAY.
13. REFER TO THE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION ON GROUND COVER & PLANTING REQUIREMENTS.
14. EMBANKMENT SHALL BE PLACED IN ACCORDANCE WITH SECTION 205 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." ALL EMBANKMENTS LOCATED WITHIN STRUCTURAL FILL AREAS SHALL BE CONSTRUCTED TO A MINIMUM 95% OF THE MODIFIED PROCTOR DENSITY (ASTM D1557). EMBANKMENTS LOCATED IN NON-STRUCTURAL FILL AREAS SHALL BE CONSTRUCTED TO A MINIMUM OF 90% OF THE MODIFIED PROCTOR DENSITY (ASTM D1557).
15. COMPLETED GRADING (FINISHED FINE GRADE) FOR ALL PROPOSED IMPROVEMENTS SHALL BE WITHIN A TOLERANCE OF PLUS OR MINUS ONE-TENTH (0.1) FEET OF DESIGN SUBGRADE ELEVATIONS.
16. THE SUBGRADE FOR THE PROPOSED STREETS AND PAVEMENT AREAS SHALL BE PROOF-ROLLED BY THE CONTRACTOR IN THE PRESENCE OF THE CITY ENGINEER AND SOILS ENGINEER. ANY UNSTABLE AREAS ENCOUNTERED SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE CITY ENGINEER AND SOILS ENGINEER. ANY UNSTABLE AREAS SHALL BE DOCUMENTED BY THE SOILS ENGINEER.
17. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULTS FROM THEIR CONSTRUCTION OPERATIONS AT NO ADDITIONAL EXPENSE TO THE OWNER.
18. WHEN IN THE OPINION OF THE SOILS ENGINEER, UNSUITABLE SOIL CONDITIONS ARE ENCOUNTERED WITHIN UTILITY TRENCHES WHICH REQUIRE THE REMOVAL OF UNSUITABLE MATERIALS BELOW THE DEPTH OF THE BEDDING SPECIFIED, THE CONTRACTOR SHALL OBTAIN APPROVAL BY THE OWNER AND THE OWNER'S ENGINEER PRIOR TO REMOVING THE UNSUITABLE SOILS AND REPLACE THE MATERIAL WITH GRANULAR COMPACTED BEDDING MATERIAL AS DIRECTED BY THE SOILS ENGINEER AND THE CITY. THE DEPTH OF THE REMOVAL AND REPLACEMENT SHALL BE DOCUMENTED BY THE OWNER'S ENGINEER AND WITNESSED BY THE CONTRACTOR.
19. THIS WORK, WHEN APPROVED BY THE OWNER AND OWNER'S ENGINEER, WILL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD IN PLACE FOR UNSUITABLE SOIL WHICH PRICE SHALL INCLUDE THE REMOVAL AND OFF-SITE DISPOSAL OF UNSUITABLE SOIL, THE ADDITIONAL BEDDING MATERIAL, AND ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO PERFORM THE WORK AS SPECIFIED.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING AND SCHEDULING A QUALIFIED TESTING FIRM FOR ALL SOIL TESTING.THIS SHALL BE INCLUDED IN THE COST OF WORK.

| DATE | REVISIONS | ISSUE |
|---|---|---|
| 06-06-2024 | PRELIMINARY ENGINEERING | 1 |
| 09-26-2024 | REVISIONS PER NAPERVILLE | 2 |

| PROJECT STAFF | |
|---|---|
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CONSTRUCTION NOTES

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| PROJECT NO.: | 240108 |
| BASE FILE: | |
| SHEET FILE: | |
| ISSUE DATE: | MAY 6, 2024 |
| SCALE: | NA |

SHEET NUMBER

C-5.0