GENERAL NOTES

3

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING JULIE FOR UTILITY CONTRACTOR TO TAKE ALL OSHA REGULATED AND APPLICABLE LOCAL SAFETY PRECAUTIONS TO SAFE GUARD ALL POTENTIALLY HAZARD

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

THE CONTRACTOR SHALL BE REQUIRED TO OBTAIN ALL NECESSARY PERMITS

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

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 PRESERVATION OF THESE FACILITIES. ANY UTILITY LOCATIONS SHOWN ON

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

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

13.DO NOT CREATE DUST OR OTHER NUISANCE TO NEIGHBORING PROPERTIES

14. "NO TRESPASSING" SIGNS SHALL BE MOUNTED ON THE FENCING IN CONSPICUOUS LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND

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.

NEW DAY CARE FACILITY ON PAD READY SITE IN EXISTING DEVELOPMENT

OTAL 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.

THERE IS NO UPSTREAM TRIBUTARY AREA FOR THE SITE.

PROPOSED PROJECT WILL UTILIZE EXISTING STORM SEWERS WITH NEW ROOF

DETENTION/VOLUME CONTROL FACILITY:

STORMWATER DETENTION AND BMPs.

STORMWATER MANAGEMENT BY EXISTING DETENTION BASIN PER DUPAGE COUNTY REQUIREMENTS NO STORMWATER MANAGEMENT REQUIRED - EXISTING BASINS PROVIDE BOTH

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

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

JNDERLYING SOILS HEAVILY MODIFIED AS SITE WAS MASS GRADED AS A PART OF OVERALL SITE DEVELOPMENT

<u>GROUNDWATER ELEVATION:</u>



UNKNOWN.

City of Naperville **Survey Monument**

(TED) Business Group 400 S. Eagle Street Naperville, IL 60540 Phone: 630-305-7001

Station No.: 8 Date Established: 12/08/1994 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

Horizontal Datum: NAD83 (2007) Illinois State Plane Transverse Mercator, East Zone

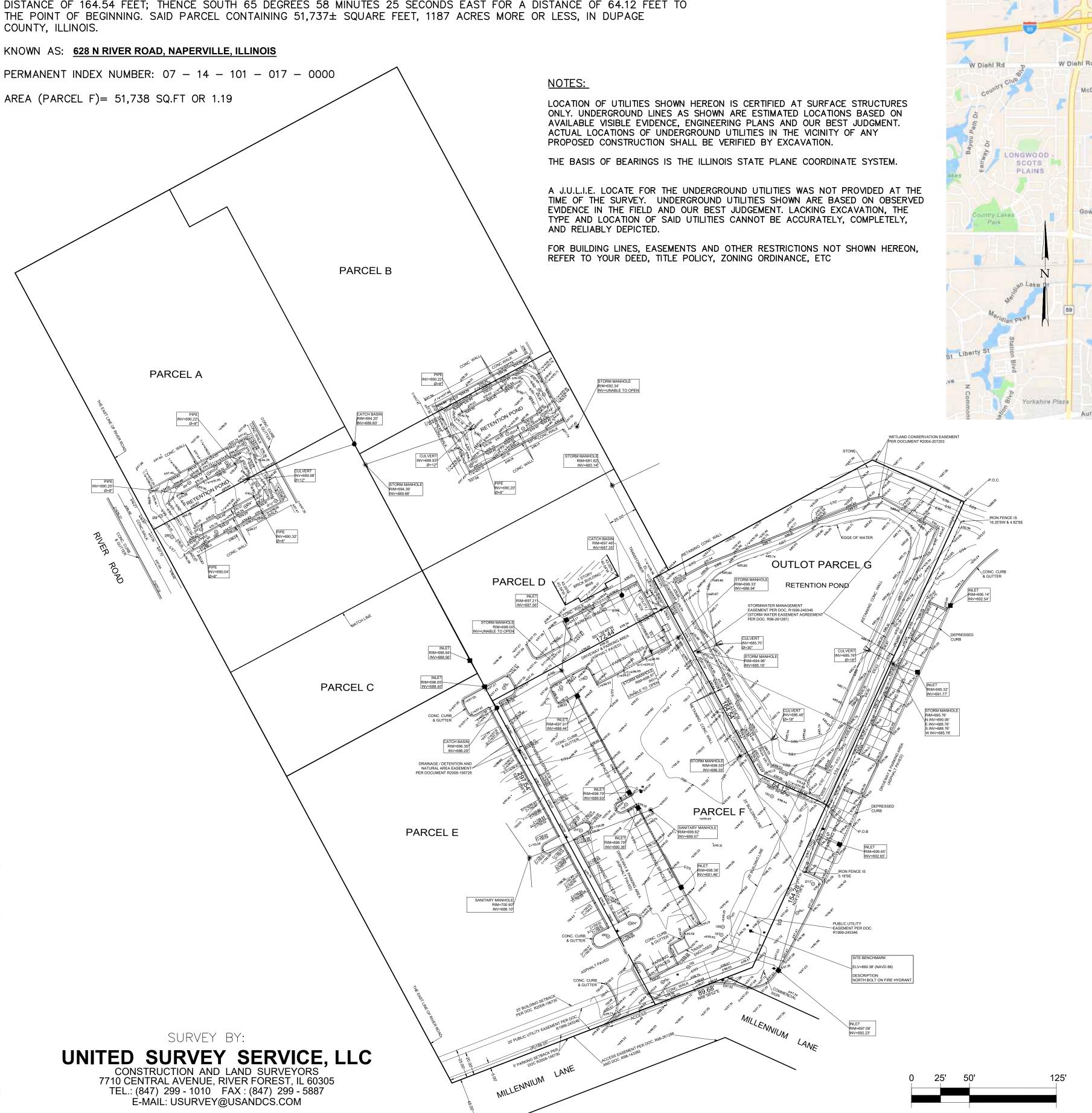
North: 1,869,327.50 (Ft) East: 1,023,602.13 (Ft) shown are Illinois State Plane Lattitude: 41° 47' 55.88996" (N) Longitude: 088° 11' 20.43724" (W)

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:

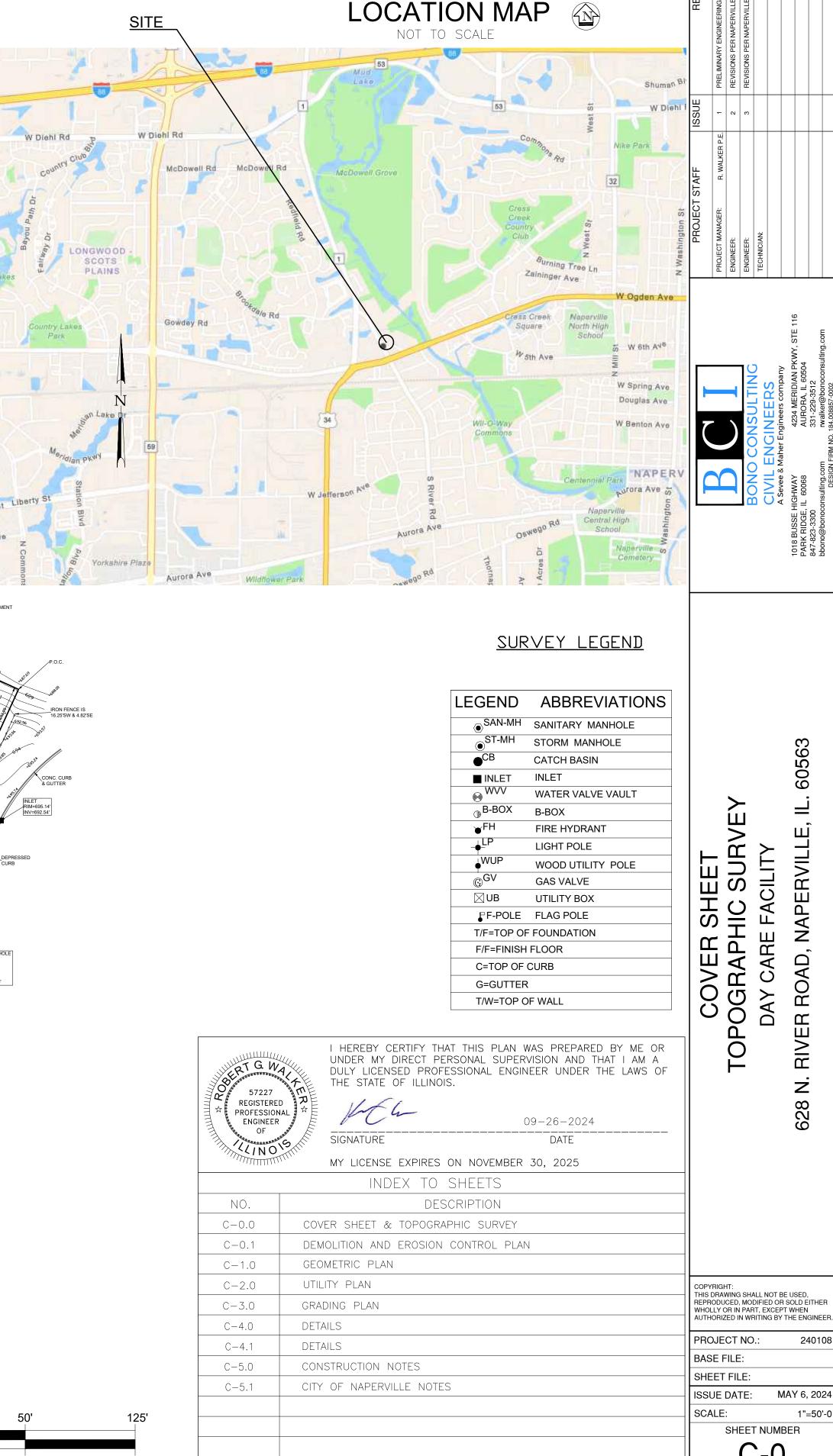
THAT PART OF LOT 1 IN RIVERWOODS OFFICE CAMPUS, BEING A SUBDIVISION OF PART OF SECTIONS 11 AND 14, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED OCTOBER 22. 2008. AS DOCUMENT R2008-156727. DESCRIBED AS FOLLOWS:

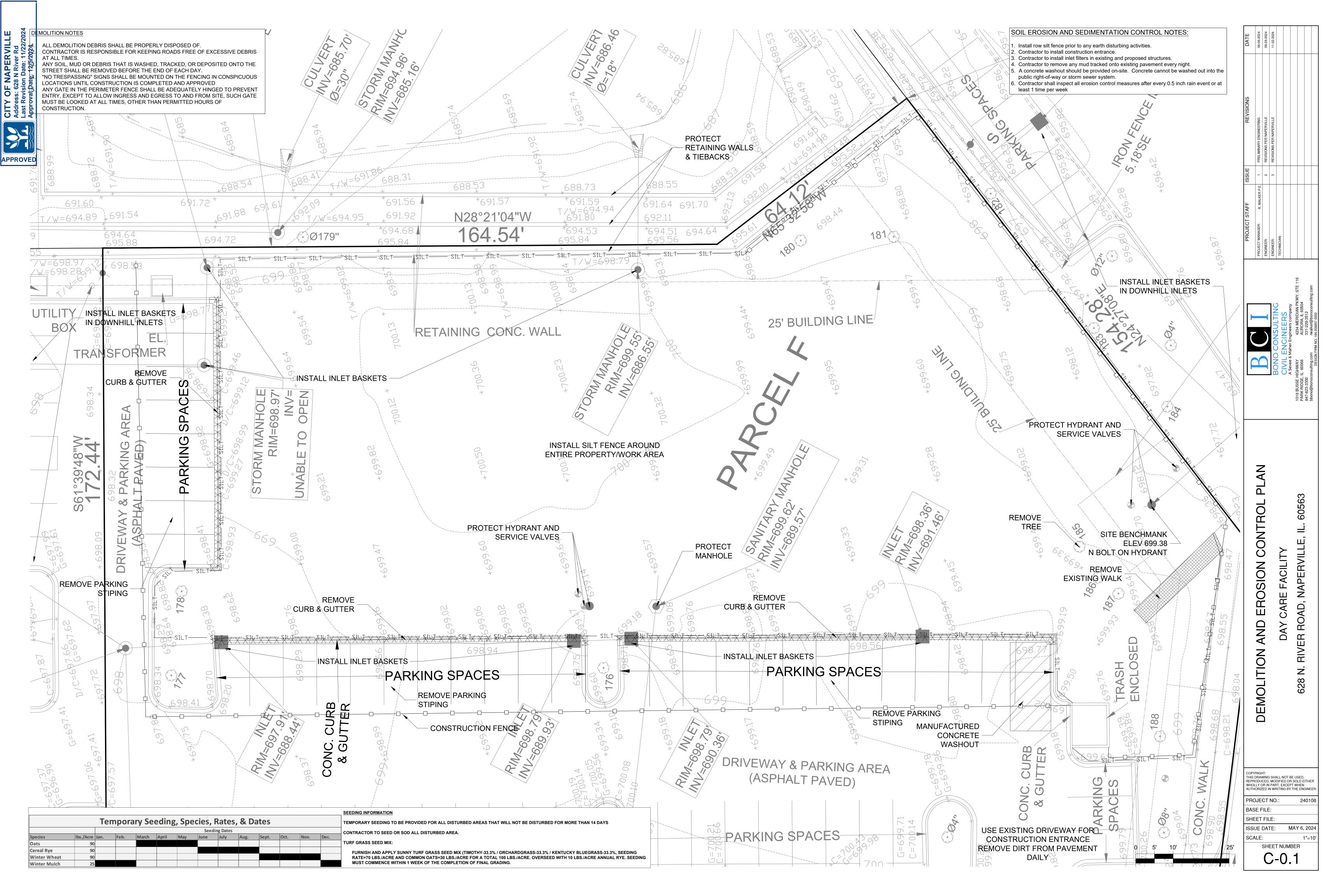
COMMENCING AT A 3/4 INSIDE DIAMETER IRON PIPE SET IN A CONCRETE MONUMENT AT THE MOST EASTERLY CORNER OF SAID LOT 1; THENCE SOUTHWESTERLY ALONG A SOUTHEAST LINE OF SAID LOT1 WITH A RECORD BEARING OF SOUTH 25 DEGREES 01 MINUTE 35 SECONDS WEST AND A MEASURED BEARING OF SOUTH 24 DEGREES 01 MINUTE 41 SECONDS 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

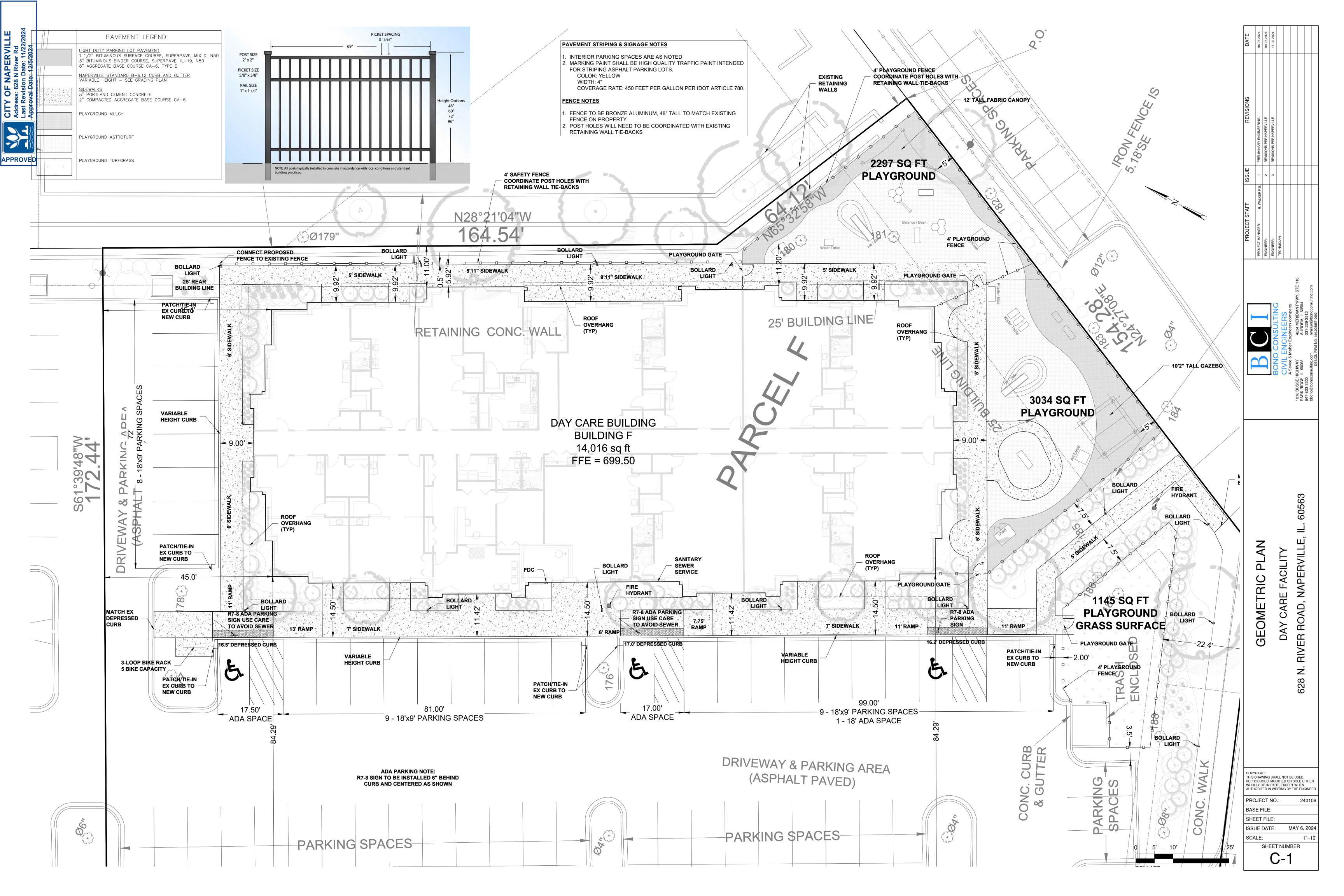


SITE ENGINEERING DAY CARE FACILITY

628 N. RIVER ROAD, NAPERVILLE, IL







SANTARY SEWER NOTES: 3 C105/A21.5. NAPERVILLE PLUMBING CODE.

FIELD VERIFY SANITARY SEWER LOCATION AND TELEVATION AND ALL CROSSINGS TO BE SURE SYSTEM WORKS AND ALL CONFLICTS ARE AVOIDED INSTALL NEW 6" SANITARY SEWER SERVICES AS TO EXISTING STUB AT MANHOLE.

🗱 SEWER TO BE 6" PVC SDR 26 PER ASTM D-3034 AND FUSH ON JOINTS PER ASTM D-3212. FROVIDE CA-7 TRENCH BACKFILL UNDER ALL

LD VERIFY WATER MAIN LOCATION AND SIZE ISTALL NEW 6" WATER SERVICE AND RELOCATE DRANTS AS SHOWN. ONNECT TO EXISTING WATER SERVICE AT RVICE VALVE.

LISCONNECT EXISTING 2" WATER SERVICE AT MAIN APPROVED ATER PIPE TO BE 6" DUCTILE IRON, CLASS 52 PER NSI/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

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

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

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.

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

PLEASE PROVIDE NAME AND CONTACT INFORMATION FOR ELECTRICAL CONTRACTOR FOR THIS PROJECT.

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.

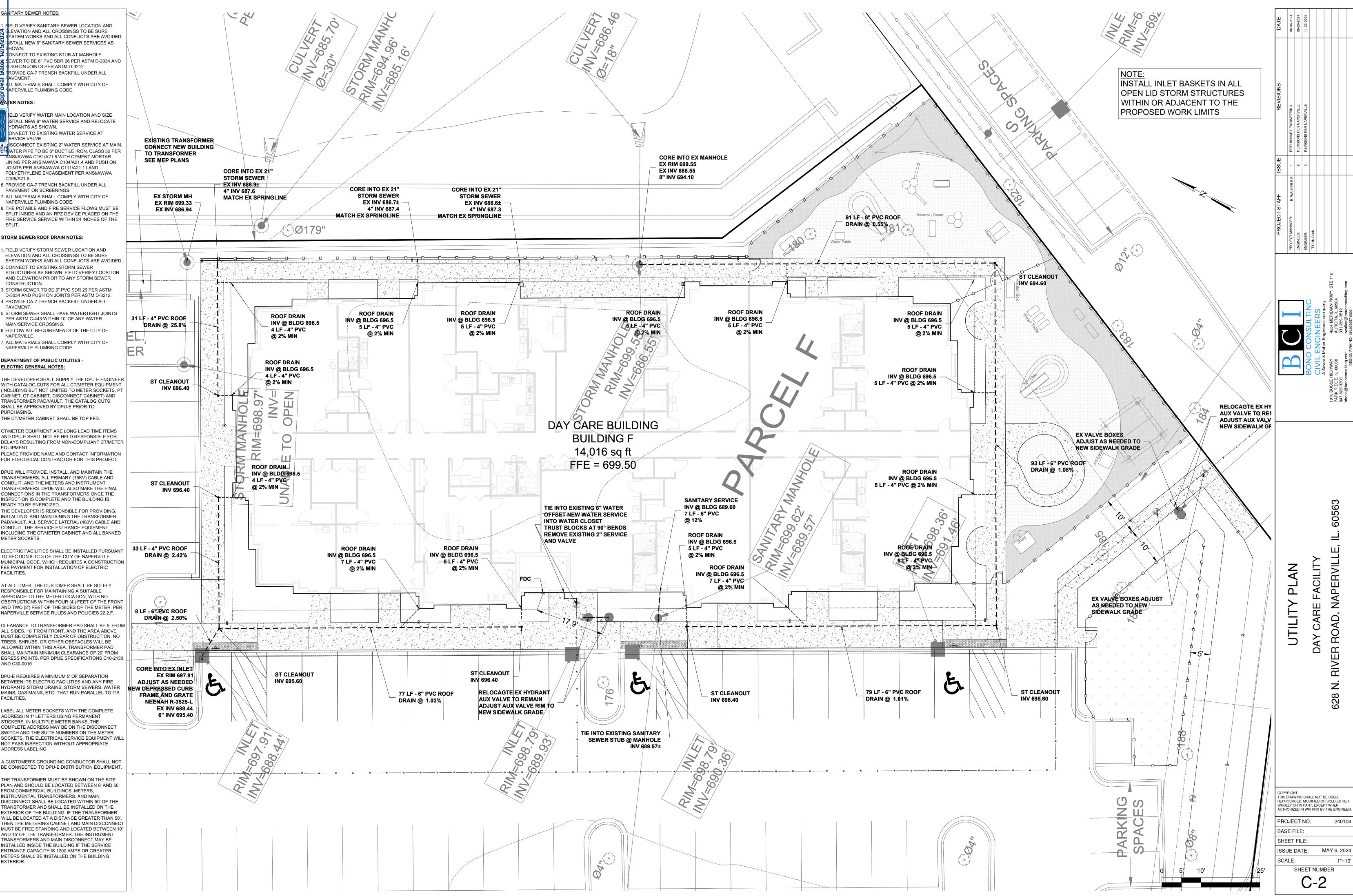
CLEARANCE TO TRANSFORMER PAD SHALL BE 5' FROM ALL SIDES, 10' FROM FRONT, AND THE AREA ABOVE MUST BE COMPLETELY CLEAR OF OBSTRUCTION. NO TREES. SHRUBS. OR OTHER OBSTACLES WILL BE ALLOWED WITHIN THIS AREA. TRANSFORMER PAD SHALL MAINTAIN MINIMUM CLEARANCE OF 20' FROM EGRESS POINTS. PER DPUE SPECIFICATIONS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

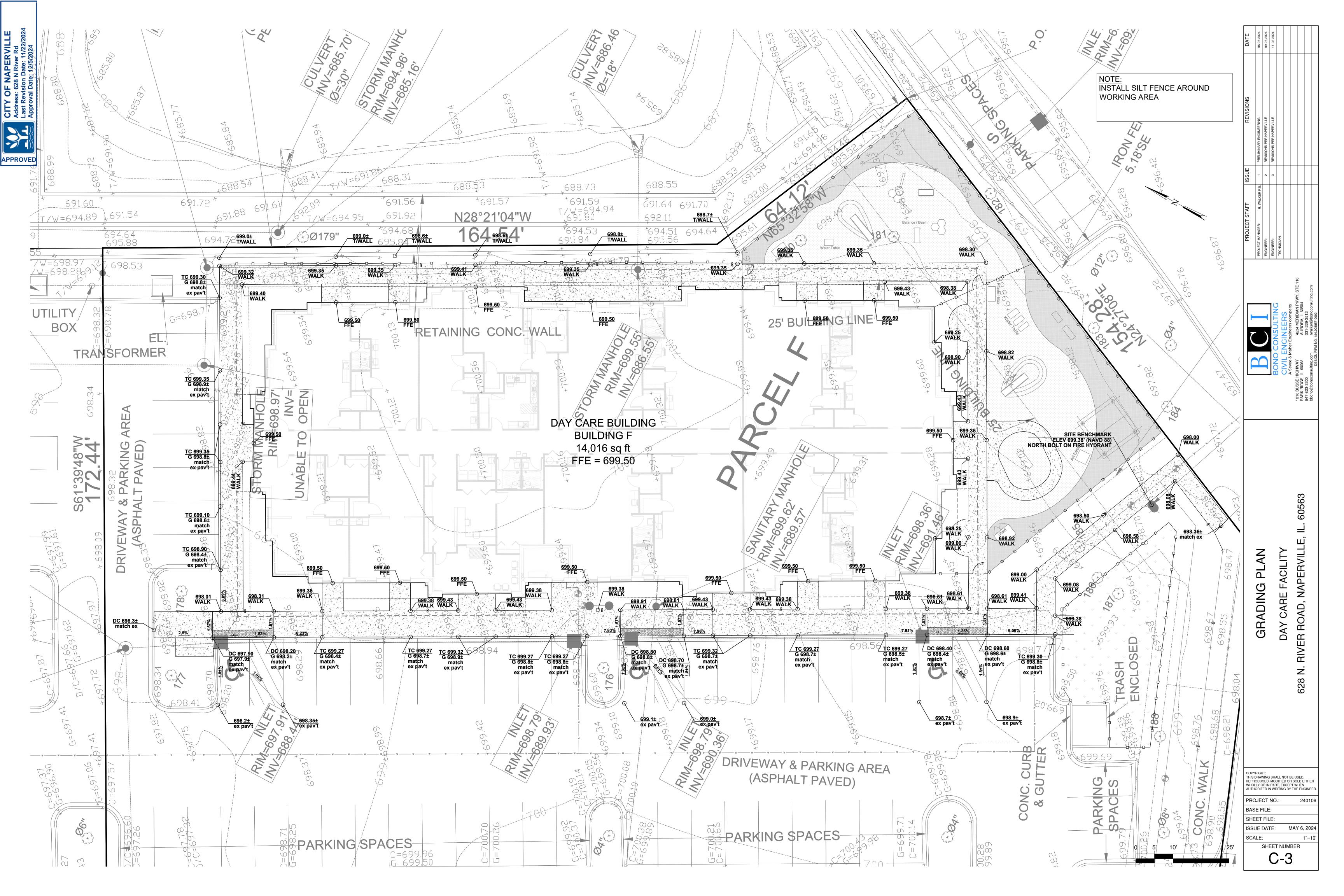
DPU-E REQUIRES A MINIMUM 5' OF SEPARATION BETWEEN ITS ELECTRIC FACILITIES AND ANY FIRE HYDRANTS STORM DRAINS, STORM SEWERS, WATER MAINS, GAS MAINS, ETC. THAT RUN PARALLEL TO ITS FACILITIES.

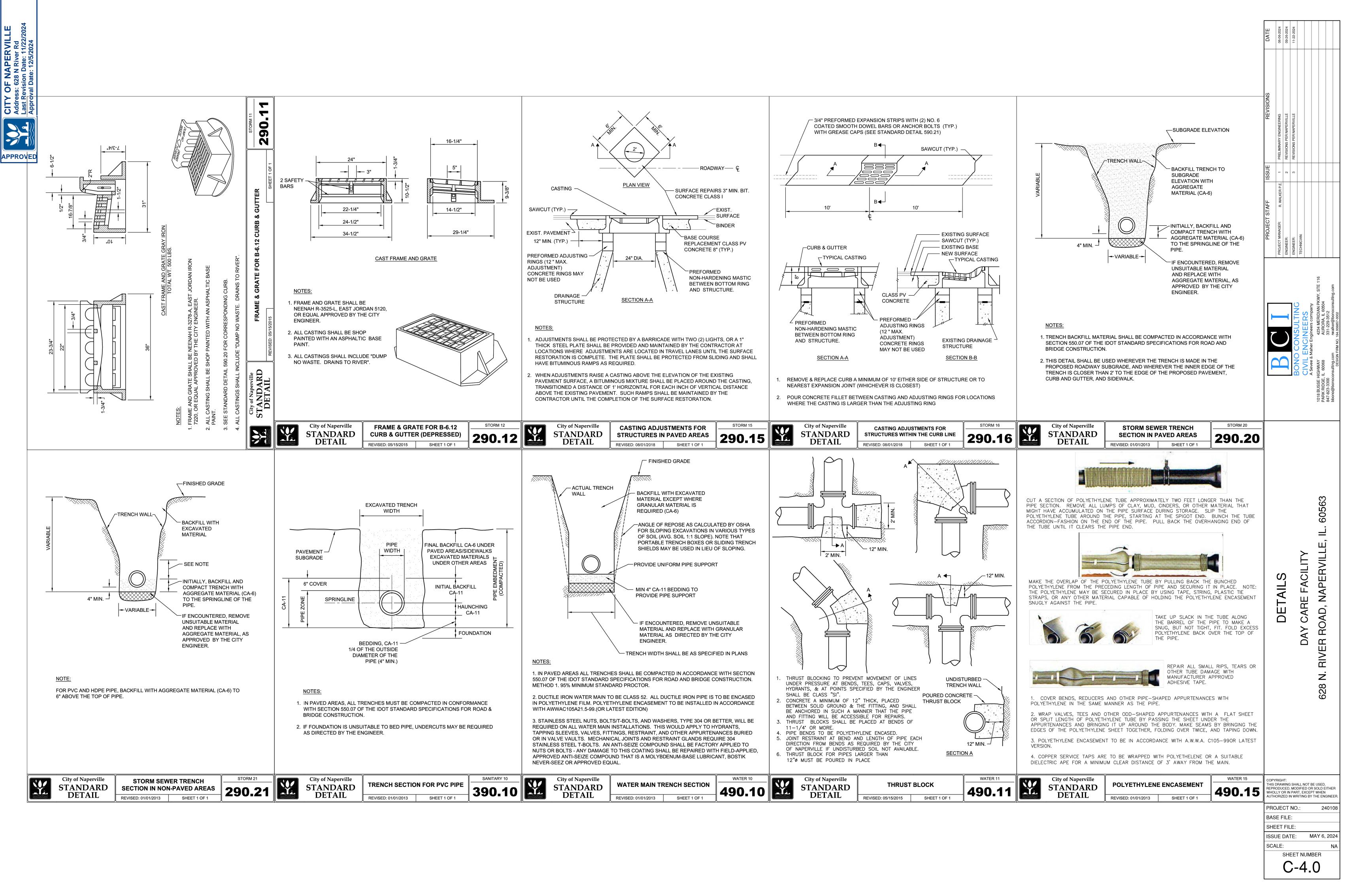
LABEL ALL METER SOCKETS WITH THE COMPLETE ADDRESS IN 1" LETTERS USING PERMANENT STICKERS. IN MULTIPLE METER BANKS, THE COMPLETE ADDRESS MAY BE ON THE DISCONNECT SWITCH AND THE SUITE NUMBERS ON THE METER SOCKETS. THE ELECTRICAL SERVICE EQUIPMENT WILL NOT PASS INSPECTION WITHOUT APPROPRIATE ADDRESS LABELING.

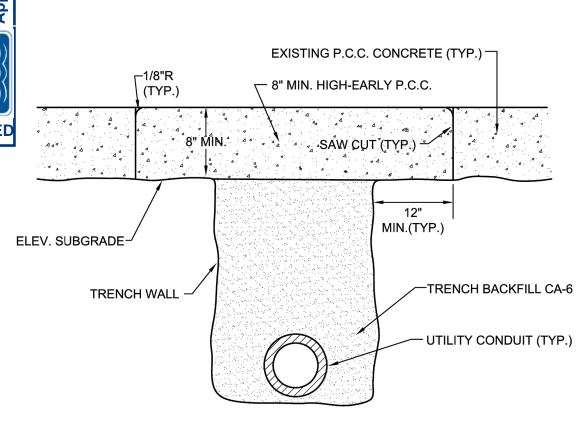
A CUSTOMER'S GROUNDING CONDUCTOR SHALL NOT BE CONNECTED TO DPU-E DISTRIBUTION EQUIPMENT.

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







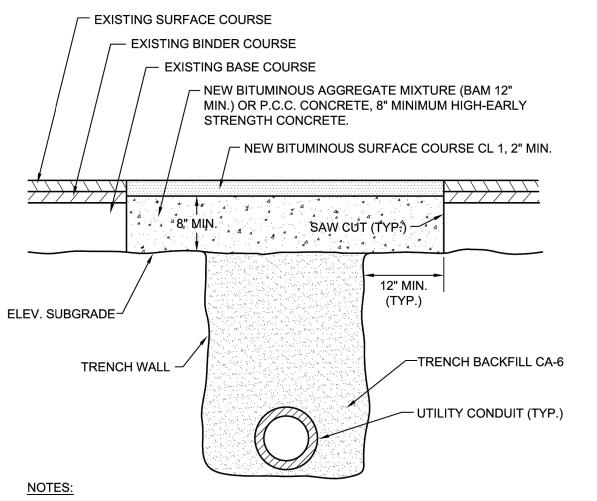


- 1. THE TRENCH SHALL BE BACKFILLED WITH AGGREGATE (CA-6) AND COMPACTED TO 95% OF THE STANDARD PROCTOR DENSITY. TRENCH SPOILS OR EXCAVATED MATERIAL SHALL BE DISCARDED BY THE CONTRACTOR, AT HIS EXPENSE, AT DUMP SITES OR IN A SUITABLE FASHION AS APPROVED BY THE CITY ENGINEER.
- 2. PRIOR TO PLACING OF P.C.C. CONCRETE, THE EXPOSED EDGES OF ALL EXISTING PAVEMENT SHALL BE SAW CUT TO PROVIDE A SMOOTH, CLEAN EDGE, FREE OF LOOSE
- 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.

UTILITY TRENCH PAVING SECTION

REVISED: 01/01/2013 SHEET 1 OF 1

4. TRENCH TO BE COMPACTED IN CONFORMANCE WITH ARTICLE 603.08 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.



- 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
- 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

FASHION AS APPROVED BY THE CITY ENGINEER.

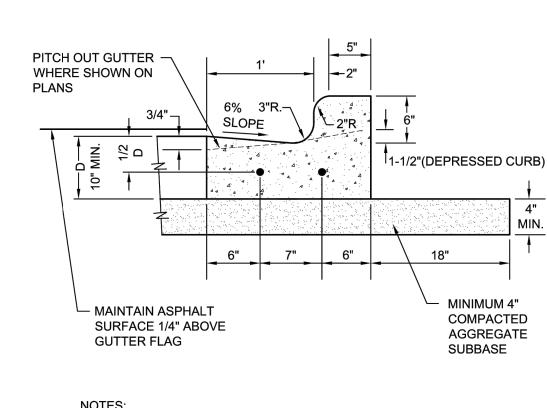
3. EXCAVATIONS SHALL BE PROTECTED BY BARRICADES WITH FLASHING LIGHTS. A 1" STEEL PLATE SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR AT LOCATIONS WHERE ADJUSTMENTS ARE LOCATED IN TRAVEL LANES UNTIL THE SURFACE RESTORATION IS COMPLETE. THE PLATE SHALL BE PROTECTED FROM SLIDING AND PROVIDED WITH BITUMINOUS RAMPS.

UTILITY TRENCH PAVING SECTION

(FLEXIBLE PAVEMENTS)

REVISED: 01/01/2013 SHEET 1 OF 1

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

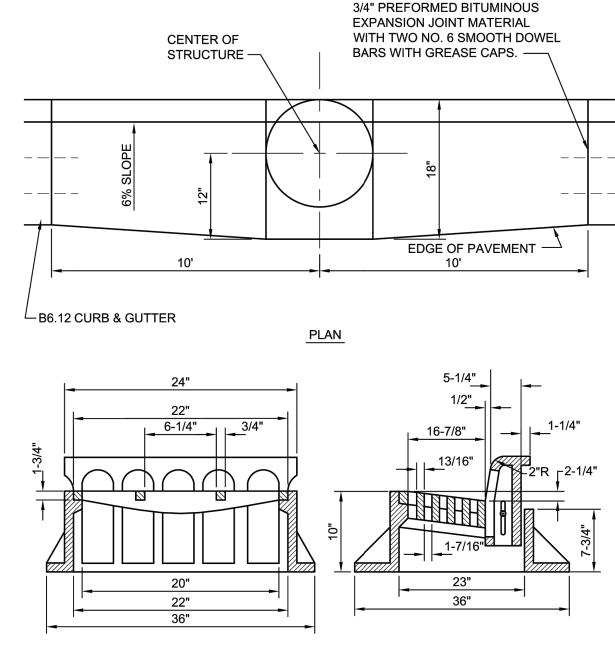
1. 3/4" PREFORMED BITUMINOUS EXPANSION JOINT WITH TWO (2) NUMBER 6 COATED SMOOTH DOWEL BARS (3/4" DIA. X 18") WITH GREASE CAPS SHALL BE PLACED EVERY 150', 10' EITHER SIDE OF DRAINAGE STRUCTURES, P.C.'S, RADIUS POINTS AND BACK OF CUL-DE-SACS. WHEN EXPANSION JOINTS ARE CONSTRUCTED ADJACENT TO EXISTING 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.

MIN.

- 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.

B6.12 BARRIER CURB & GUTTER

REVISED: 01/01/2013 SHEET 1 OF 1



City of Naperville

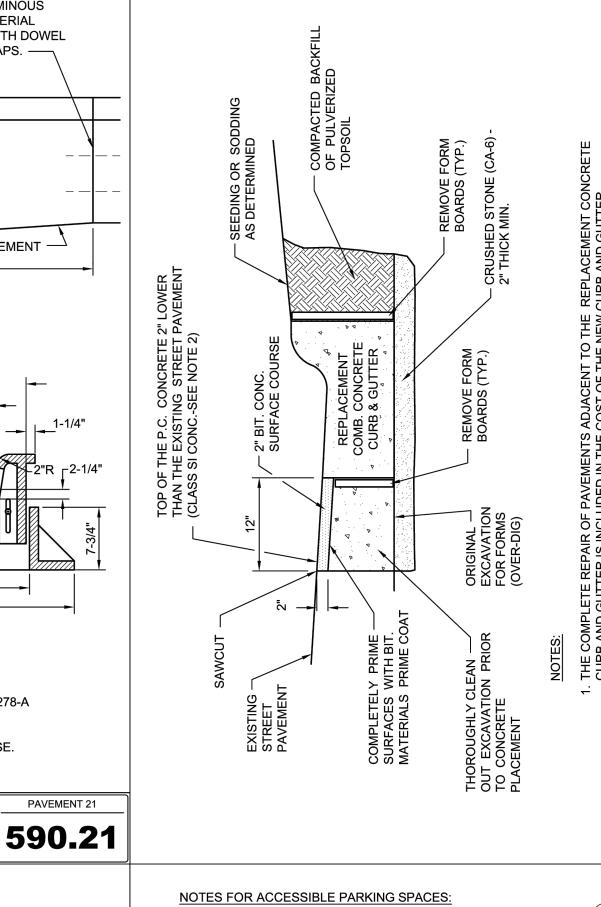
STANDARD

- 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.

B6.12 BARRIER CURB & GUTTER

AT CURB INLETS

REVISED: 01/01/2013 SHEET 1 OF 1





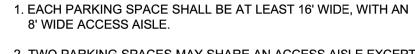
SIGN (R7-8)

"\$250 FINE" SIGN

(R7-I101)

VAN

90



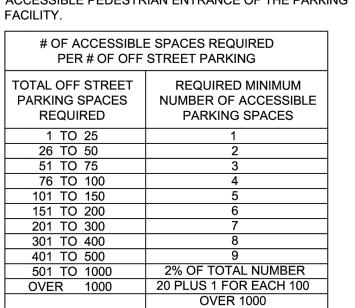
2. TWO PARKING SPACES MAY SHARE AN ACCESS AISLE EXCEPT FOR ANGLED PARKING SPACES.

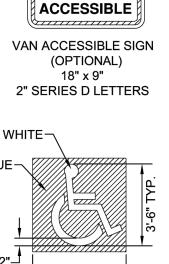
3. PARKING SPACE IDENTIFICATION SIGN WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY (R7-8) SHALL BE MOUNTED ON A PERMANENT POST OR WALL AT THE FRONT CENTER OF THE ACCESSIBLE PARKING SPACE, SET AT A MINIMUM OF 5' ABOVE THE GROUND SURFACE MEASURED TO THE BOTTOM OF THE SIGN AND NO MORE THAN 5' HORIZONTALLY FROM THE FRONT ACCESSIBLE PARKING OF A PARKING SPACE.

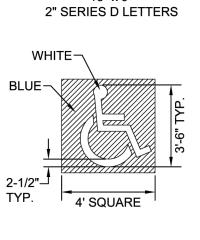
4. ACCESSIBLE PARKING SIGNS SHALL ALSO EXHIBIT THE WORDS "\$250 FINE" OR THE "\$250 FINE" SIGN (R7-I101) SHALL BE PLACED BENEATH THE ACCESSIBLE PARKING SIGN (R7-8).

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







ACCESSIBLE SYMBOL

LINES SHALL BE WHITE.

HIS DRAWING SHALL NOT BE USED REPRODUCED, MODIFIED OR SOLD EITHER WHOLLY OR IN PART, EXCEPT WHEN HORIZED IN WRITING BY THE ENGINEE PROJECT NO.: BASE FILE: SHEET FILE:

ERVILLE,

NAP

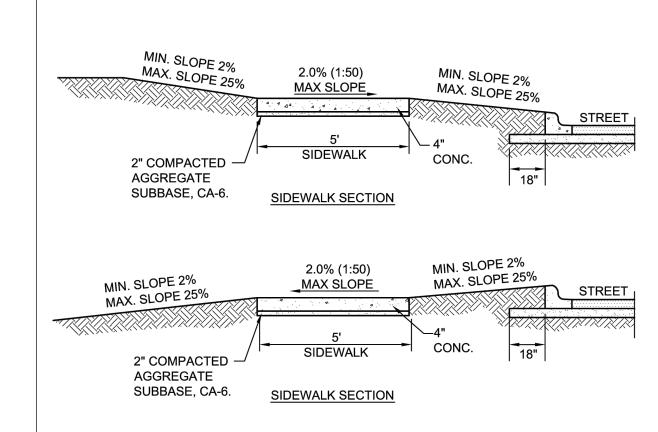
ROAD,

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CAR

DETAIL

SHEET NUMBER

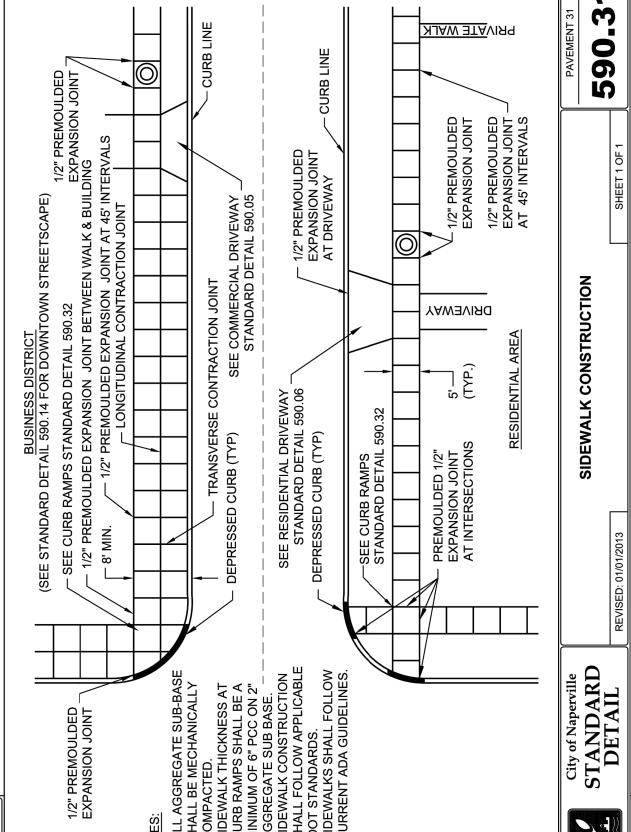


CONCRETE SHALL BE IDOT CLASS SI.

City of Naperville

STANDARD

- MINIMUM SIDEWALK THICKNESS SHALL BE 4".
- SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE AT A MINIMUM 6" FOR
- RESIDENTIAL DRIVEWAYS AND 8" FOR COMMERCIAL DRIVEWAYS. 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. 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).
- 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.



CONCRETE SIDEWALK 1:3 MAX SLOPE **GRASS** ISOMETRIC VIEW

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

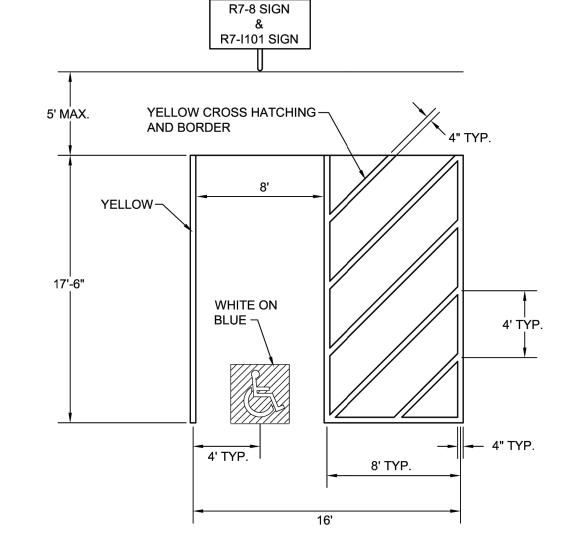
APPLICABLE IDOT STANDARD DETAILS (USE LATEST REVISION:

424001-XX PERPENDICULAR CURB RAMPS FOR SIDEWALKS 424006-XX DIAGONAL CURB RAMPS FOR SIDEWALKS CORNER PARALLEL CURB RAMPS FOR SIDEWALKS 424011-XX 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

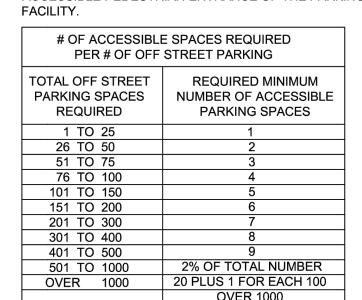
APPROVED ADA DETECTABLE WARNING TILES:

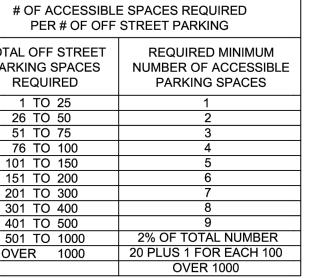
- ADA SOLUTIONS CAST IN PLACE REPLACEABLE ARMOR TILE - CAST IN PLACE
- DETECTILE SLIMTEK II
- TUFTILE POLYMER WET-SET
 - **CURB RAMPS**

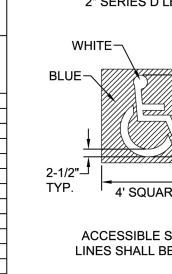


NOTE:

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

PAVEMENT 30 **SIDEWALK** 590.30 REVISED: 01/01/2013 SHEET 1 OF 1

City of Naperville **STANDARD**

REVISED: 08/01/2018 SHEET 1 OF 1

City of Naperville **STANDARD**

ACCESSIBLE PARKING SPACE MARKINGS SHEET 2 OF 3 REVISED: 10/04/2023

City of Naperville **STANDARD** DETAIL

ACCESSIBLE PARKING **SPACE MARKINGS** REVISED: 10/04/2023 SHEET 3 OF 3

ISSUE DATE: MAY 6, 2024

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GENERAL CONSTRUCTION NOTES 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. 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. "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION.
- "ILLINOIS RECOMMENDED STANDARDS FOR SEWAGE WORKS" AS PUBLISHED BY THE I.E.P.A.
- "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (M.U.T.C.D.) LATEST EDITION.
- THE SUBDIVISION AND DEVELOPMENT CODES AND STANDARDS OF THE CITY. "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS" PUBLISHED BY THE ASSOCIATION OF ILLINOIS SOIL AND WATER CONSERVATION DISTRICTS.

WHERE A CONTRADICTION OCCURS WITH ANY PART OF THE STANDARD SPECIFICATIONS, THE MOST STRINGENT REQUIREMENT SHALL TAKE PRECEDENCE, AS DETERMINED BY THE ENGINEER.

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.

- 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
- 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.
 - 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
- 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
- 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
- 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

AND LEGALLY DISPOSED OF BY THE CONTRACTOR

- 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
- 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
- 32. NO WORK SHALL BE PERFORMED ON ADJACENT PRIVATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE
- 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
- 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.

- 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
- ALL PROPOSED CURB AND GUTTER SHALL BE B6.12 UNLESS OTHERWISE NOTED.
- 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. 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.
- 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
- 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.
- NO SPECIAL CONDITIONS WERE PRESENT ON THIS SITE.
- 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:

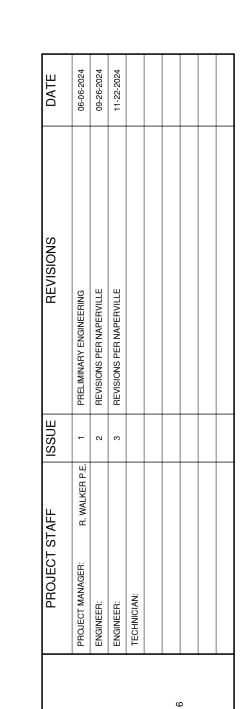
- CLEAN, FULL DEPTH SAWCUT THROUGH EXISTING SIDEWALK & PAVEMENT SCHEDULED FOR REMOVAL. REPLACE TO MATCH EXISTING.
- AGGREGATE BASE COURSE FOR NEW SIDEWALK SHALL CONSIST OF 4" CA-6 BASE COURSE. CONCRETE SIDEWALK PAVEMENT SHALL CONSIST OF MINIMUM 5" THICK P.C., ALL CONCRETE SHALL BE MINIMUM 3,500 PSI.
- CONCRETE AND BASE COURSE SHALL BE IN ACCORDANCE WITH SECTION 420 IDOT STANDARD SPECIFICATIONS.
- 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.
- A 3/4" FIBER EXPANSION JOINT SHALL BE INSTALLED WHEN THE NEW PAVEMENT OR SIDEWALK ABUTS ANY BUILDING. 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.
- TRANSITION GRADE CHANGES TO BE SMOOTH.
- 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.
- 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.
- 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.





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THIS DRAWING SHALL NOT BE USED REPRODUCED, MODIFIED OR SOLD EITHE WHOLLY OR IN PART, EXCEPT WHEN ITHORIZED IN WRITING BY THE ENGINEE

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BASE FILE: SHEET FILE: ISSUE DATE: MAY 6, 2024

SHEET NUMBER

C-5.0

PROJECT NO.:

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WATER UTILITES GENERAL NOTES

- New water main valves, including pressure tap valves, adjacent to an existing water main, and existing water main valves shall only be operated by the City of Naperville, Department of Public Utilities CEE/CM Division personnel with 48-hour notice (Monday-Friday). Contact Naperville TED Business Group at 630-420-6082 for scheduling.
- Any existing utility structures requiring adjustment or reconstruction shall be completed by the contractor to the satisfaction of the utility owner. Adjustments and/or reconstructions not called for on the plans shall be considered incidental to the contract. No more than a total of 12 inches of adjusting rings and/or 2 adjusting rings shall be allowed. All structure frames shall be flush with final grade.
- Trees shall be installed a minimum of five (5) feet horizontally from underground electrical feeders, sanitary sewers, sanitary services, water mains, and water services. Trees shall be installed a minimum of ten (10) feet horizontally from utility structures and appurtenances, including, but not limited to, manholes, valve vaults, valve boxes and fire hydrants. No trees, shrubs or obstacles will be allowed 10' in front of, 5' on the sides, and 7' to the rear of the electrical transformer.
- All retainer glands when required to restrain valves, fittings, hydrants, and pipe joints shall be mechanical joint wedge action type MEGALUG 1100 Series as manufactured by EBBA Iron, Inc. or UNI-FLANGE BLOCKBUSTER 1400 SERIES as manufactured by Ford Meter Box Co. and shall be for use on ductile iron pipe conforming to ANSI/AWWA C151/A21.51, for nominal pipe sizes 3" through 48".
- Existing ductile iron systems for restraining push-on pipe bells shall be MEGALUG SERIES 1100HD or FORD SERIES 1390.
- Existing ductile iron systems requiring restraint shall be MEGALUG SERIES 1100SD (split MEGALUG) for mechanical joints. 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 ANSI/AWWA C105/A21.5-05
- A set of as-built record drawing shall be given to the City of Naperville upon completion of improvements showing the elevation and location (tied to two points) of all new and existing structures including fire hydrants, valve boxes and vaults, linestop sleeves, water service corporation stops, water main fittings/bends, manholes, sanitary service wyes (measured from downstream manhole), and abandoned water or sanitary service lines. All elevations should be referenced to the same benchmark datum as the original design plans. Horizontal ties shall be referenced to lot lines, back of curb, or property corners.
- All sanitary sewer piping shall be PVC pipe meeting the requirements of ASTM D-2241 with joints conforming to ASTM D-3139. All sanitary sewer fittings shall be PVC meeting the following requirements: 4" to 12" shall be Injection Molded Fittings meeting ASTM D-2241. Greater than 12" shall be Fabricated Fittings meeting ASTM D-2241 or C905. Minimum pressure rating shall be 150 psi. The valves less than 16" shall be standard pattern, gate valves and shall have the name or mark of the manufacturer, size and working
- pressure plainly cast in raised letters on the valve body. Valves may be approved from one of the following manufacturers: American, Clow, Waterous or Kennedy.
- 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 repair with field applied approved anti-seize compound that is a molybdenum-base lubricant, Bostik Never-Seez or approved
- The contractor shall rotate and/or adjust any existing and/or new hydrant to the satisfaction of the Department of Public Utilities.
- Water mains shall be subjected to a hydrostatic/leakage test in accordance with Naperville Standard Specifications. Test pressure shall be no less than 150 psi for a period of 4 hours and not vary by more than + 5 psi. during the test. The test gauge shall be approved by the City and shall be glycerin or oil filled, with a range of not more than 200 psi and increments not greater than 5 psi, 4 "minimum dial size. Water recovery test shall be completed at the end of the testing period to show actual leaking and that the water main did not have too much trapped air in the tested section.
- n. The City of Naperville Public Utilities does not guarantee that any valve or fitting in the existing water distribution system will hold against a hydrostatic/leakage test. The Contractor is solely responsible for providing and acceptable pressure test which shall include provisions around existing valves and fittings.
- o. Fire hydrant should be bagged "NOT IN SERVICE" until all testing and disinfection has been completed and new water main section is
- Sanitary sewer and water shall be constructed, tested, and placed into service in accordance with City of Naperville Standard Specification and Specifications for Water and Sewer Main Construction in Illinois, Latest Edition.
- All valve boxes, vaults, hydrants, and manholes shall not be covered with construction debris and shall remain accessible to the respective
- Water service line smaller than 3" shall be type K copper. If joints are required due to length of service, then only compression type coupling shall be permitted. No soldered or flared type joints are allowed.
- All sanitary manholes shall be tested for leakage by vacuum testing. The manhole frame and adjusting rings shall be in place when testing. Any leaks shall be repaired from exterior of manhole - patching inside of manhole shall not be acceptable. A vacuum of 10" (254 mm) Hg shall be place on the manhole and the time shall be measured for the vacuum to drop to 9" (229 mm) Hg. The vacuum shall not drop below 9" (229 mm) Hg for the following time periods for each size of manhole:
- a) 48-inch diameter 60 seconds b) 60-inch diameter - 75 seconds
- c) 72-inch diameter 90 seconds
- d) 84-inch diameter 105 seconds
- Any manholes that fail the test shall be sealed and re-tested until acceptable.
- The contractor shall provide internal televised inspection of all installed sanitary sewer, laterals, manholes and connections to the public system. Following completion of televising work, the contractor shall submit video recordings on DVD or flash drive along with a comprehensive televising report which will indicate the location, footages and nature of any defects. Prior to final acceptance, these defects shall be repaired to the satisfaction of the Water/Wastewater Utility and re-televised.
- Contractor work hours are only allowed from 7:00 a.m. to 5:00 p.m., Monday through Saturday. No work shall be permitted on Sundays. Sanitary pipes with less than 4 feet or more than 25 feet of cover shall be constructed of ductile iron piping (Class 50, minimum) and encased in polywrap.
- w. All excavations more than 20 feet deep must be protected by a system designed by a registered professional engineer
- Contractor shall maintain 2' minimum clearance between existing utilities and new foundations and underground facilities. In areas where foundations and underground facilities are proposed adjacent to existing utilities, the contractor shall pot hole by vacuum excavation or hand excavation to locate the existing utility to verify minimum clearance requirement.
- Fences shall be installed a minimum of 5 feet from any water or sanitary mains when running parallel with them. Where fences are installed crossing water or sanitary mains, the posts shall be located to have the main between them.
- All brass components shall be certified to be lead free in compliance with NSF 61 and NSF 372 and identified with applicable markings.
- aa. Sanitary Force Main Force man shall be tested a minimum of 1 hour at 1.5 the shut off head of the pump, 2.5 times the operating pressure, or 20 psi whichever is greatest. Allowable leakage shall be in accordance with section 41-2.14C of the standard specifications for water and sewer construction.

Transportation, Engineering and Development Business Group Standard Construction Plan Notes for **Development Projects AUGUST 2023**

The City of Naperville Transportation, Engineering and Development (TED) Business Group has established Standard Notes, which should be included in the final engineering plans for private development projects. The Standard Notes are broken out by type of work. The Consultant designing the final engineering plans should review the lists below to determine which Standard Notes should be included.

Please note that the City of Naperville Department of Public Utilities - Water/Wastewater (DPU-W) has their own Standard Notes they require for water and sanitary sewer work in private development final engineering plans. Please contact DPU-W for the Water/Wastewater Standard Notes.

General Notes

The General Notes in this section should be included in all final engineering plans regardless of the type of project.

- THE OWNER OR THEIR REPRESENTATIVE IS RESPONSIBLE TO OBTAIN ANY AND ALL PERMITS REQUIRED BY APPLICABLE GOVERNMENTAL AGENCIES
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF NAPERVILLE DESIGN MANUAL AND STANDARD SPECIFICATIONS (CURRENT EDITION) AND WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (CURRENT EDITION).
- ALL CONTRACTORS DOING WORK IN THE PUBLIC RIGHT-OF-WAY MUST BE LICENSED (WHEN APPLICABLE) TO MAKE PUBLIC IMPROVEMENTS WITHIN THE
- 4. THE CONTRACTOR/DEVELOPER ASSUMES ALL RESPONSIBILITY AND LIABILITY FOR ANY ACTION RESULTING FROM THEIR WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR/DEVELOPER SHALL INDEMNIFY AND HOLD HARMLESS THE CITY OF NAPERVILLE
- PRIOR TO COMMENCEMENT OF ANY OFF-SITE CONSTRUCTION, THE CONTRACTOR SHALL SECURE WRITTEN AUTHORIZATION THAT ALL OFF-SITE EASEMENTS
- THE CONTRACTOR AND THEIR ON-SITE REPRESENTATIVES WILL BE REQUIRED TO ATTEND A PRE- CONSTRUCTION MEETING WITH THE CITY OF NAPERVILLE PRIOR TO ANY WORK BEING STARTED. A PRE- CONSTRUCTION MEETING WILL NOT BE SCHEDULED UNTIL THE PROJECT HAS BEEN APPROVED BY THE CITY OF
- 8. A MINIMUM OF 48 HOURS NOTICE SHALL BE GIVEN TO THE CITY OF NAPERVILLE TED BUSINESS GROUP (630-420-6100 OPTION 1) PRIOR TO STARTING WORK OR RESTARTING WORK AFTER SOME ABSENCE OF WORK FOR ANY REASON.
- 9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ADEQUATELY IDENTIFY AND LOCATE ALL EXISTING UTILITIES PRIOR TO EXCAVATION. BEFORE STARTING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT JULIE FOR THE LOCATION OF ANY AND ALL UTILITIES. THE TOLL-FREE NUMBER IS 800-892-0123. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY PRIVATE FACILITIES OR NON-JULIE MEMBER FACILITIES
- 10.-10 The Contractor can schedule all necessary site inspections with the city of naperville by Calling (630) 420-6100 option 1 between the HOURS OF 8:00AM AND 4:00PM (CLOSED 1:00PM TO 2:00PM DAILY) ON WEEKDAYS WHEN THE CITY IS OPEN FOR BUSINESS. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE THE SITE PERMIT NUMBER FOR THE PROJECT IN ORDER TO SCHEDULE THE INSPECTION(S).
- 11. RECORD DRAWINGS ARE REQUIRED TO BE SUBMITTED AND APPROVED BY THE CITY OF NAPERVILLE PRIOR TO FINAL OCCUPANCY BEING GRANTED.
- 12. FINAL ACCEPTANCE OF PUBLIC IMPROVEMENTS SHALL BE GRANTED ONLY AFTER A FINAL INSPECTION HAS BEEN COMPLETED AND HAS REVEALED THAT ALL IMPROVEMENTS HAVE BEEN SATISFACTORILY COMPLETED IN ACCORDANCE WITH THE NAPERVILLE STANDARD SPECIFICATIONS. UTILITIES ARE NOT CONSIDERED ACCEPTED UNTIL THEY ARE FORMALLY ACCEPTED BY THE CITY COUNCIL AS REQUIRED IN ACCORDANCE WITH THE NAPERVILLE MUNICIPAL CODE.

General Notes (Project Specific)

Storm Sewer Notes (General)

- NO CONNECTION TO AN EXISTING PUBLIC STORM SEWER MAY BE MADE WITHOUT PERMISSION OF THE CITY ENGINEER
- THE CONTRACTOR SHALL REPAIR ANY EXISTING FIELD DRAINAGE TILE DAMAGED DURING CONSTRUCTION AND PROPERLY REROUTE AND/OR CONNECT SAID TILE TO THE NEAREST STORM SEWER OUTLET. ALL LOCATIONS OF ENCOUNTERED FIELD DRAINAGE TILE SHALL BE PROPERLY INDICATED ON THE CONTRACTOR'S

Storm Sewer Notes (Storm Sewer Work in Plans)

If the contractor requests a change to the pipe material and the associated pipe material information is not included in the engineering plans, the applicable Storm Sewer Note will need to be added to final engineering plans the as part of the Field Change request.

- THE FOLLOWING MATERIALS ARE PERMITTED FOR STORM SEWER AND PIPE CULVERTS. WHERE A PARTICULAR MATERIAL IS SPECIFIED IN THE PLANS OR SPECIAL PROVISIONS, NO OTHER KIND OF MATERIAL WILL BE PERMITTED:
 - POLYVINYL CHLORIDE PIPE (PVC) POLYVINYL CHLORIDE (PVC) PIPE SHALL CONFORM TO ASTM D 3034, TYPE PSM. THE MINIMUM STANDARD DIMENSION PIPE STIFFNESS OF FORTY-SIX (46) LBS. PER INCH (317 KPA). JOINTS FOR PVC PIPE SHALL BE FLEXIBLE ELASTOMETRIC SEALS PER ASTM D 3212.
- BEDDING, OTHER THAN CONCRETE EMBEDMENT, SHALL CONSIST OF GRAVEL, CRUSHED GRAVEL, OR CRUSHED STONE 1/4 INCH TO 1 INCH IN SIZE. AS A MINIMUM, THE MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF IDOT STANDARD SPECIFICATIONS. THE GRADATION SHALL CONFORM TO GRADATION CA-7 OR CA-11 OF THE STANDARD SPECIFICATIONS.
- BACKFILL MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF IDOT STANDARD SPECIFICATIONS. THE GRADATION SHALL CONFORM TO GRADATION CA-6 OF THE STANDARD SPECIFICATIONS. BACKFILL MATERIAL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY
- JOINTS CONNECTING DISSIMILAR PIPE MATERIALS SHALL BE MADE WITH SEWER CLAMP NON-SHEAR TYPE COUPLINGS; CASCADE CSS, ROMAC LSS, FERNCO, INC. SHEAR RING, OR APPROVED EQUAL. WHEN AVAILABLE, A STANDARD JOINT WITH A TRANSITION GASKET MAY BE USED. THE NAME OF THE MANUFACTURER, CLASS, AND DATE OF ISSUE SHALL BE CLEARLY IDENTIFIED ON ALL SECTIONS OF PIPE. THE CONTRACTOR SHALL ALSO SUBMIT BILLS OF LADING, OR OTHER QUALITY ASSURANCE DOCUMENTATION WHEN REQUESTED BY THE CITY ENGINEER. ALL NUTS AND BOLTS FOR COUPLINGS SHALL BE STAINLESS STEEL.
- CATCH BASINS AND INLETS SHALL HAVE A MINIMUM INSIDE DIAMETER OF 24 INCHES AND SHALL BE CONSTRUCTED OF PRECAST CONCRETE UNITS IN ACCORDANCE WITH ASTM C478-05 (OR LATEST EDITION) AND SHALL CONFORM TO THE CITY OF NAPERVILLE STANDARD DETAIL. ALL CATCH BASINS AND INLETS SHALL BE WATER-TIGHT AT ALL POINTS BELOW GRADE. ALL VISIBLE LEAKS SHALL BE SEALED IN A MANNER ACCEPTABLE TO THE CITY ENGINEER. CATCH BASINS AND INLETS SHALL BE FURNISHED WITH A FRAME AND GRATE BASED UPON THE LOCATION OF THE INSTALLATION AS LISTED BELOW. ALL FRAMES AND GRATES SHALL MEET OR EXCEED AASHTO H-20 LOADING SPECIFICATIONS. FRAMES SHALL BE SHOP PAINTED WITH ASPHALTIC BASE PAINT.
 - A) PAVEMENT: EAST JORDAN IRON WORKS 1022 FRAME WITH TYPE M1 RADIAL FLAT GRATE, NEENAH R-2502, OR APPROVED EQUAL FOR OPEN GRATES. EAST JORDAN IRON WORKS 1022 FRAME WITH TYPE A SOLID COVER, NEENAH R-1772, OR APPROVED EQUAL FOR CLOSE LIDS.
 - B) BARRIER CURB AND GUTTER: EAST JORDAN IRON WORKS 7220 FRAME WITH TYPE M1 GRATE AND T1 CURB BOX, NEENAH R-3278-A, OR APPROVED

 - C) DEPRESSED CURB: EAST JORDAN IRON WORKS 5120 FRAME AND GRATE, NEENAH R-3225-L, OR APPROVED EQUAL. D) MOUNTABLE CURB: EAST JORDAN IRON WORKS 7525 FRAME AND GRATE, NEENAH R-3501-P, OR APPROVED EQUAL.
 - E) NON-PAVED AREAS: EAST JORDAN IRON WORKS 6527 BEEHIVE GRATE, NEENAH R-4340-B, OR APPROVED EQUAL. ALTERNATELY, IN AREAS WHERE THERE IS THE LIKELIHOOD OF PEDESTRIAN TRAFFIC, EAST JORDAN IRON WORKS 1022 FRAME WITH TYPE M1 RADIAL FLAT GRATE, OR APPROVED
- ALL PIPE SHALL BE LAID TRUE TO LINE AND GRADE. DIRT AND OTHER FOREIGN MATERIAL SHALL BE PREVENTED FROM ENTERING THE PIPE OR PIPE JOINT DURING HANDLING OR LAYING OPERATIONS. ALL STORM SEWER PIPE TO PIPE CONNECTIONS SHALL BE SEALED WITH BUTYL MASTIC TO ENSURE WATER TIGHTNESS. LIFT HOLES TO BE SEALED USING BUTYL MASTIC AND CONCRETE PLUGS. AT NO TIME SHALL CONNECTIONS BETWEEN THE STORM SEWER AND SANITARY SEWER BE ALLOWED
- 10. ALL STORM SEWER STRUCTURE FRAMES WITHOUT INSIDE FLANGES SHALL BE SHAPED WITH NON- SHRINKING HYDRAULIC CEMENT TO FORM A FILLET TO THE STRUCTURE OR ADJUSTING RING.

WHEN ADJUSTMENTS ARE NECESSARY, NO MORE THAN 12 INCHES OF VERTICAL ADJUSTMENT MAY BE MADE USING THE MINIMUM PRACTICAL NUMBER OF INDIVIDUAL RINGS.

ALL RINGS SHALL BE HIGH DENSITY POLYETHYLENE PLASTIC (HDPE), RECYCLED RUBBER, HIGH DENSITY EXPANDING POLYSTYRENE, EXPANDED POLYPROPYLENE (EPP), OR OTHER MATERIAL AS APPROVED BY THE CITY ENGINEER. PRECAST CONCRETE RINGS, BRICKS, ROCKS, SHIMS, OR CONCRETE BLOCKS WILL NOT BE ALLOWED. TAPERED ADJUSTING RINGS SHALL BE REQUIRED WHEN THE FRAME WILL NEED TO MATCH THE SLOPE OF THE ROADWAY. A RESILIENT, FLEXIBLE, NON-HARDENING, PREFORMED BITUMINOUS MASTIC MATERIAL, CONSEAL 102 B OR APPROVED EQUAL, SHALL BE USED BETWEEN THE CONE OR TOP BARREL SECTION OF THE STRUCTURE AND THE ADJUSTING RINGS. A THICK BEAD OF NON-HARDENING ELASTOMERIC JOINT SEALANT CONFORMING TO ASTM C-920, TYPE S, GRADE NS, SHALL BE APPLIED BETWEEN ALL INDIVIDUAL RINGS, AND BETWEEN THE ADJUSTING RINGS AND THE FRAME. THE SEALANT OR MASTIC MATERIAL SHALL BE APPLIED IN SUCH A MANNER THAT NO SURFACE WATER OR GROUND WATER INFLOW CAN ENTER THE STRUCTURE.

Erosion Control and Drainage Notes (General)

- THE CONTRACTOR SHALL MAINTAIN PROPER DRAINAGE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION AND PREVENT STORM WATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS.
- 2. DURING EXTENDED DRY PERIODS, THE CONSTRUCTION AREA(S) MAY NEED TO BE WATERED DOWN TO PREVENT THE BLOWING OF SOIL FROM THE SITE.
- 3. DURING CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE UTILIZED TO MINIMIZE THE TRACKING OF DIRT ONTO THE PUBLIC STREETS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO KEEP PUBLIC STREET PAVEMENT CLEAN OF DIRT AND DEBRIS. ANY DIRT THAT IS TRACKED ONTO THE PUBLIC STREETS SHALL BE REMOVED THE SAME DAY. IF THE AMOUNT TRACKED ON THE PUBLIC STREET IS EXCESSIVE, CLEANING MAY BE REQUIRED MORE FREQUENTLY.

Erosion Control and Drainage Notes (Project Specific)

- 1ALL EROSION CONTROL MEASURES SHALL BE PROPERLY INSTALLED, AS PERMITTED, PRIOR TO ANY LAND DISTURBANCE ACTIVITIES. ALL EROSION CONTROL
- SHALL BE MAINTAINED UNTIL TURF IS ESTABLISHED.
- ACCEPTABLE PERIMETER EROSION CONTROL INCLUDES SILT FENCE. SILT WORM AND ANY OTHER APPLICATION APPROVED BY THE CITY ENGINEER.

- 3. ALL OPEN GRATE STRUCTURES SHALL HAVE EROSION CONTROL PROTECTION IN ACCORDANCE WITH THE APPROVED EROSION CONTROL PLANS. STRAW BALES SHALL NOT BE USED.
- 4. STOCKPILES NOT BEING DISTURBED FOR MORE THAN 14 DAYS SHALL BE SEEDED.
- ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY, AFTER ANY 0.5 INCH OR GREATER RAINFALL, OR MORE FREQUENTLY AS NECESSARY TO

Erosion Control and Drainage Notes (NPDES Permit)

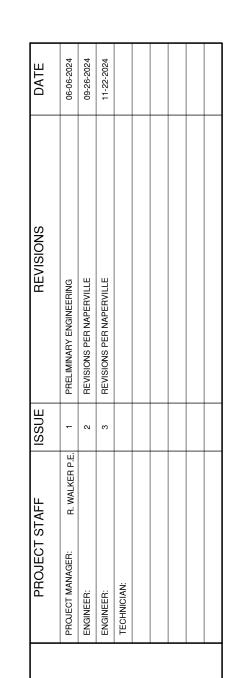
IT IS THE RESPONSIBILITY OF THE OWNER OR HIS DESIGNEE TO INSPECT ALL TEMPORARY EROSION CONTROL MEASURES PER THE REQUIREMENTS OF THE NPDES PERMIT AND CORRECT ANY DEFICIENCIES AS NEEDED.

Geometric and Paving Notes (General)

- THE DEVELOPER AND CONTRACTOR SHALL HAVE THE RESPONSIBILITY TO ADEQUATELY PROTECT THE PAVEMENT AND PROPERTY, CURB AND GUTTER AND OTHER RIGHT-OF-WAY IMPROVEMENTS, WHETHER NEWLY CONSTRUCTED OR EXISTING. FROM ANY AND ALL DAMAGE, SUFFICIENT MEANS SHALL BE EMPLOYED BY THE CONTRACTOR TO PROTECT AGAINST SUCH DAMAGE TO THE SATISFACTION OF THE CITY ENGINEER.
- ANY NEW OR EXISTING IMPROVEMENTS THAT ARE DAMAGED SHALL BE REPAIRED OR REPLACED IN A MANNER THAT IS SATISFACTORY TO THE CITY ENGINEER.
- THE CONTRACTOR AND/OR DEVELOPER SHALL SECURE ALL NECESSARY RIGHTS AND PERMISSIONS TO PERFORM ANY WORK ON PRIVATE PROPERTY NOT WITHIN THE OWNERSHIP RIGHTS OF THE DEVELOPER. THE DEVELOPER SHALL BEAR THE SOLE RESPONSIBILITY FOR DAMAGES THAT MAY OCCUR AS A RESULT OF WORK PERFORMED UNDER CONTRACTS THEY INITIATE.
- THE CONTRACTOR/DEVELOPER WILL BE RESPONSIBLE FOR BRINGING PAVEMENTS (STREET, CURB AND GUTTER, SIDEWALK, DRIVEWAY) ON THE PROPERTY UP TO CITY STANDARDS INCLUDING ANY REPAIRS TO SUBSTANDARD PAVEMENTS THAT EXISTED PRIOR TO OR OCCURRED DURING CONSTRUCTION
- WHEREVER NEW WORK WILL MEET EXISTING CONDITIONS OTHER THAN LAWN AREAS, REGARDLESS OF WHETHER THE NEW OR EXISTING WORK IS ASPHALT OR CONCRETE, THE EXISTING ADJACENT SIDEWALK, DRIVEWAYS, PAVEMENT OR CURB SHALL BE NEATLY SAW CUT. THE SAW CUT SHALL BE IN A NEAT STRAIGHT LINE SUFFICIENTLY DEEP SO THAT IT RENDERS A SMOOTH VERTICAL FACE TO MATCH TO, IF THE CONTRACTOR IS NOT CAREFUL OR DOES NOT SAW DEEP ENOUGH AND THE CUT LINE BREAKS OUT OR CHIPS TO AN IMPERFECT EDGE. THEN THE EXISTING SIDE MUST BE RE-CUT SQUARE AND DONE OVER UNTIL IT IS
- 6. ALL PAVEMENT PATCHES WITHIN THE PUBLIC RIGHT-OF-WAY MUST CONFORM TO CITY STANDARDS. REFERENCE NAPERVILLE STANDARD DETAILS 590.12 AND 590.13.

Traffic Control and Protection Notes (General)

- ALL DEVELOPERS AND CONTRACTORS SHALL PROVIDE SUITABLE TRAFFIC CONTROL FOR THEIR CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH PART 6 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. TRAFFIC CONTROL MUST BE PROVIDED FOR ANY ACTIVITY THAT IMPACTS TRAFFIC FLOW. THIS INCLUDES, BUT IS NOT LIMITED TO, ROAD CLOSURES REQUIRING DETOURS, DAILY LANE CLOSURES, LONG TERM LANE CLOSURES, NARROW LANES. AND CONSTRUCTION VEHICLES ENTERING AND EXITING THE PUBLIC ROADWAY. ALL TRAFFIC CONTROL SET-UPS MAY BE INSPECTED BY THE CITY OF NAPERVILLE TO ENSURE THAT THEY ARE PROVIDING POSITIVE GUIDANCE TO MOTORISTS AND ARE NOT IN THEMSELVES PRESENTING A HAZARDOUS SITUATION. A REPRESENTATIVE OF THE DEVELOPER OR CONTRACTOR MUST PROVIDE PHONE NUMBERS AT WHICH THEY CAN BE REACHED 24 HOURS A DAY AND ON WEEKENDS SO THAT THEY CAN MAINTAIN TRAFFIC CONTROL DEVICES
- PEDESTRIANS MUST BE PROVIDED WITH A SAFE ALTERNATE ROUTE IF PEDESTRIAN FACILITIES ARE TO BE CLOSED AS A RESULT OF CONSTRUCTION ACTIVITIES. GUIDANCE MUST BE PROVIDED TO PEDESTRIANS SO THAT THEY MAY AVOID THE WORK ZONE. SAID PEDESTRIAN DETOUR PLAN (WITH SIGNAGE) IS TO BE REVIEWED AND ACCEPTED BY THE CITY IN WRITING, PRIOR TO THE COMMENCEMENT OF THE WORK.
- THE CONTRACTOR SHALL EMPLOY THE APPROPRIATE METHODS OF TRAFFIC CONTROL IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, SUCH THAT THE SAFETY OF VEHICLES, AND PEDESTRIANS IS PRESERVED AT ALL TIMES. THE ERECTION AND MAINTENANCE OF THE TRAFFIC CONTROL DEVICES SHALL BE TO THE SATISFACTION OF THE AGENCY OF JURISDICTION AND THE CITY ENGINEER.
- ANY TEMPORARY OPEN HOLES SHOULD BE BARRICADED AND PROTECTED IN ACCORDANCE WITH APPLICABLE STANDARDS.





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THIS DRAWING SHALL NOT BE USED WHOLLY OR IN PART, EXCEPT WHEN THORIZED IN WRITING BY THE ENGINEE

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

SHEET NUMBER