

# GUZMAN Y GOMEZ MEXICAN KITCHEN

## CITY OF NAPERVILLE, ILLINOIS

SW 1/4, SW 1/4, SECTION 22, TOWNSHIP 38 NORTH, RANGE 09 EAST

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ATTACHMENTS  
1 OF 1 EXISTING CONDITIONS SURVEY



### PROJECT AREA

NOT TO SCALE



### PROJECT INFORMATION

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REVIEW DRAWING  
NOT TO BE USED FOR CONSTRUCTION  
DATE OF ISSUE  
05-15-25

PROJECT:  
**GUZMAN Y GOMEZ**  
MEXICAN KITCHEN

### MUNICIPAL CONTACTS

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PROJECT LOCATION:  
844 ILLINOIS ROUTE 59  
NAPERVILLE, IL  
DUPAGE COUNTY

PLAN MODIFICATIONS:		
#	Date:	Description:
1	03.20.2025	PUD SUBMITTAL
2	05.15.2025	PUD RESUBMISSION
3	06.16.2025	PZC REVIEW & APPROVAL
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Designed By: **ERIC J DRAKAS**  
Reviewed By: **ERIC J DRAKAS**  
Approved By: **ERIC J DRAKAS**

SHEET TITLE:  
**TITLE SHEET**



SHEET NUMBER:  
**C0.0**

JSD PROJECT NO: 2414769

## GENERAL NOTES

- REFER TO THE EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGENDS.
- EXISTING GRADE SPOT ELEVATIONS SHOWN FOR INFORMATIONAL PURPOSES. DURING CONSTRUCTION MATCH EXISTING GRADES AT CONSTRUCTION LIMITS.
- JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES.
- CONTRACTOR SHALL RESTORE ALL BUILDINGS, PAVEMENT, PIPES, SLOPES, AND STRUCTURES DAMAGED BY THE CONTRACTOR TO PRE-EXISTING OR BETTER CONDITIONS.
- THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE JURISDICTIONAL AUTHORITY AND IS SUBJECT TO CHANGE AT ANY TIME.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF THESE IMPROVEMENTS.
- ANY REFERENCES TO THE TERMS OR ENTITY ABBREVIATIONS IN THE FOLLOWING NOTES AND SPECIFICATIONS SHALL BE UNDERSTOOD AS FOLLOWS:
  - "JURISDICTION" - CITY OF NAPERVILLE STANDARD SPECIFICATIONS AND STANDARD DRAWINGS.
  - "STATE HIGHWAY SPECIFICATIONS" - STATE OF ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION AND SUPPLEMENTS
  - "STANDARD SPECIFICATIONS" - STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, CURRENT EDITION AND SUPPLEMENTS
  - ILLINOIS DEPARTMENT OF TRANSPORTATION - "IDOT"
  - ILLINOIS DEPARTMENT OF NATURAL RESOURCES - "IDNR"

## TED- GENERAL NOTES

- 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 NAPERVILLE CORPORATE LIMITS.
- 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 HAVE BEEN SECURED AND THAT PERMISSION HAS BEEN GRANTED TO WORK ON PRIVATE PROPERTY. THE CONTRACTOR/DEVELOPER SHALL NOT 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 NAPERVILLE DEVELOPMENT REVIEW TEAM AND THE REQUIRED SURETY HAS BEEN POSTED.
- 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.
- 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 JULE FOR THE LOCATION OF ANY AND ALL UTILITIES. THE TOLL FREE NUMBER IS 800-892-0213. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY PRIVATE FACILITIES OR NON-JULE MEMBER FACILITIES.
- 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).
- RECORD DRAWINGS ARE REQUIRED TO BE SUBMITTED AND APPROVED BY THE CITY OF NAPERVILLE PRIOR TO FINAL OCCUPANCY BEING GRANTED.
- 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.

## DEMOLITION NOTES

- THIS PLAN INDICATES ITEMS ON THE PROPERTY INTENDED FOR DEMOLITION BASED ON THE CURRENT SITE DESIGN THAT HAVE BEEN IDENTIFIED BY A REASONABLE OBSERVATION. THE EXISTING CONDITIONS THROUGH SURVEY RECONNAISSANCE, JSD ENGINEER, AND BIDDERS STATEMENT OF CONDITIONS, WHERE MAY NOT BE IDENTIFIED, THIS ITEM CAN NOT BE IDENTIFIED BY A REASONABLE ABOVE-GROUND OBSERVATION, OF WHICH THE ENGINEER WOULD HAVE NO KNOWLEDGE OR MAY BE A PART OF ANOTHER DESIGN DISCIPLINE, IT IS THE CONTRACTOR/BIDDER'S RESPONSIBILITY TO REVIEW THE PLANS, INSPECT THE SITE, AND PROVIDE THEIR OWN DUE DILIGENCE TO INCLUDE IN THEIR BID WHAT ADDITIONAL ITEMS, IN THEIR OPINION, MAY BE NECESSARY FOR DEMOLITION. ANY ADDITIONAL ITEMS IDENTIFIED BY THE CONTRACTOR/BIDDER SHALL BE IDENTIFIED IN THE BID AND REPORTED TO THE ENGINEER OF RECORD. JSD TAKES NO RESPONSIBILITY FOR ITEMS ON THE PROPERTY THAT COULD NOT BE LOCATED BY A REASONABLE OBSERVATION OF THE PROPERTY OR OF WHICH THEY WOULD HAVE NO KNOWLEDGE.
- CONTRACTOR SHALL KEEP ALL STREETS AND PRIVATE DRIVES FREE AND CLEAR OF ALL CONSTRUCTION-RELATED DIRT, DUST, AND DEBRIS.
- ALL TREES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS SPECIFICALLY CALLED OUT FOR PROTECTION. ALL TREES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY. STUMPS MAY BE GROUND TO PROPOSED SUBGRADE IN GRASSED AREAS ONLY UNLESS DIRECTED BY ENGINEER.
- ALL LIGHT POLES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY, INCLUDING BASE AND ALL APPURTENANCES. SALVAGE FOR RELOCATION. COORDINATE RELOCATION AND/OR ABANDONMENT OF ALL ELECTRIC LINES WITH ELECTRICAL ENGINEER AND OWNER PRIOR TO DEMOLITION.
- ABANDONED/REMOVED ITEMS SHALL BE LEGALLY DISPOSED OF OFFSITE UNLESS OTHERWISE NOTED.
- CONTRACTOR TO REPLACE ALL SIDEWALK AND CURB AND GUTTER ABUTTING THE PROPERTIES THAT WERE DAMAGED BY THE CONSTRUCTION.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO:
  - EXAMINE ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
  - VERIFY UTILITY ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCIES ARE RESOLVED.
  - NOTIFY ALL UTILITIES OWNER'S PRIOR TO THE REMOVAL OF ANY UNDERGROUND UTILITIES.
  - NOTIFY THE DESIGN ENGINEER AND LOCAL CONTROLLING MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION INSPECTION.
- ANY UTILITIES THAT ARE DAMAGED BY THE CONTRACTORS SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL COORDINATE PRIVATE UTILITY REMOVAL/ABANDONMENT AND NECESSARY RELOCATION WITH RESPECTIVE UTILITY COMPANY. CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY COMPANIES PRIOR TO CONSTRUCTION.
- ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE APPROVED JURISDICTION'S RECYCLING PLAN.
- ANY CONTAMINATED SOILS ENCOUNTERED SHALL BE REMOVED IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS TO AN APPROPRIATE AND APPROVED LANDFILL.
- ALL EXISTING UTILITIES SHALL BE FIELD LOCATED AND CLEARLY MARKED BY CONTRACTOR PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF ANY DISCREPANCIES OCCUR IN THE LOCATION SHOWN OR PROPOSED IMPROVEMENTS IMPACTING EXISTING UTILITY LINE LOCATION(S). CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING UTILITY LINE OPENINGS (ULO) TO CONFIRM LOCATIONS OR ELEVATIONS, AS REQUESTED BY THE ENGINEER.
- SEWER ABANDONMENT SHALL BE IN ACCORDANCE WITH SECTION 3.2.24 OF THE STANDARD SPECIFICATIONS AND JURISDICTIONAL SPECIFICATIONS.
- WATER ABANDONMENT SHALL BE IN ACCORDANCE WITH SECTION 4.14.0 OF THE STANDARD SPECIFICATIONS AND JURISDICTIONAL SPECIFICATIONS.
- ALL PERIMETER EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO THE START OF DEMOLITION ACTIVITIES. CONTRACTOR SHALL KEEP ALL STREETS AND PAVEMENTS FREE AND CLEAR OF ALL CONSTRUCTION RELATED DIRT, DUST, AND DEBRIS.
- BUILDING REMOVALS SHALL BE PERFORMED BY A QUALIFIED CONTRACTOR. CONTRACTOR SHALL FOLLOW ALL DEMOLITION REGULATIONS, DISCONNECT ALL UTILITIES, OBTAIN ALL APPLICABLE PERMITS, AND DISPOSE OF ALL BUILDING MATERIALS IN APPROPRIATE AND APPROVED LANDFILLS. DEMOLISHED MATERIALS SHALL NOT BE BURNED OR BURIED ON SITE.
- CONTRACTOR SHALL REMOVE EXISTING UTILITY PIPE OR PROVIDE PIPE BACKFILLING AFTER REMOVAL OF EXISTING UTILITIES WITHIN BUILDING FOOTPRINT USING "LOW DENSITY CONCRETE/FLOWABLE FILL".
- RESTORATION OF THE EXISTING ROADWAY RIGHT-OF-WAYS ARE CONSIDERED INCIDENTAL AND SHALL BE PART OF THE COST OF THE UNDERGROUND IMPROVEMENTS, DEMOLITION, AND REMOVAL. THIS INCLUDES CURB AND GUTTER, SIDEWALK, TOPSOIL, SEEDING, AND MULCHING.

## CONSTRUCTION SEQUENCING

- INSTALL PERIMETER SILT FENCE, INLET PROTECTION, AND CONSTRUCTION ENTRANCE.
- STRIP AND STOCKPILE TOPSOIL AND INSTALL SILT FENCE AROUND PERIMETER OF STOCKPILE.
- CONDUCT ROUGH GRADING EFFORTS AND INSTALL CHECK DAMS WITHIN DRAINAGE DITCHES.
- INSTALL UTILITY PIPING AND STRUCTURES, IMMEDIATELY INSTALL INLET PROTECTION.
- COMPLETE FINAL GRADING, INSTALLATION OF GRAVEL BASE COURSES, PLACEMENT OF CURBS, PAVEMENTS, WALKS, ETC.
- PLACE TOPSOIL AND IMMEDIATELY STABILIZE DISTURBED AREAS WITH EROSION CONTROL MEASURES AS INDICATED ON PLANS.
- EROSION CONTROLS SHALL NOT BE REMOVED UNTIL SITE IS FULLY STABILIZED OR 70% CONTINGUOUS VEGETATIVE COVER IS ESTABLISHED.

CONTRACTOR MAY MODIFY SEQUENCING AFTER ITEM NO. 1 AS NEEDED TO COMPLETE CONSTRUCTION IF EROSION CONTROLS ARE MAINTAINED IN ACCORDANCE WITH THE CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS.

## SEEDING AND RESTORATION NOTES

- CONTRACTOR SHALL PROVIDE NOTICE TO THE JURISDICTIONAL AUTHORITIES IN ADVANCE OF ANY SOIL DISTURBING ACTIVITIES, IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS.
- ALL DISTURBED AREAS SHALL BE SODDED AND/OR SEDED AND MULCHED IMMEDIATELY FOLLOWING GRADING ACTIVITIES. SOD/SEED MIX TO BE IN ACCORDANCE WITH LANDSCAPE PLAN.
- CONTRACTOR SHALL WATER ALL NEWLY SODDED/SEDED AREAS DURING THE SUMMER MONTHS WHENEVER THERE IS A 7-DAY LAPSE WITH NO SIGNIFICANT RAINFALL.
- ALL SLOPES 20% OR GREATER SHALL BE TEMPORARILY SEDED, MULCHED, OR OTHER MEANS OF COVER PLACED ON THEM WITHIN 2 WEEKS OF DISTURBANCE. REFER TO STABILIZATION PRACTICES IN THE EROSION CONTROL NOTES FOR FURTHER SPECIFICATIONS.

## TED- TRAFFIC CONTROL AND PROTECTION NOTES

- 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 DEVICE (MUTCD). TRAFFIC CONTROL SHALL NOT BE LIMITED TO ROAD CLOSURES, WHICH 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 ENSURE 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.

## GRADING AND EARTHWORK NOTES

- ALL SITE PREP AND EARTHWORK SHALL CONFORM TO THE GEOTECHNICAL REPORT PREPARED BY TERRACON, TITLED GEOTECHNICAL ENGINEERING REPORT, ISSUE DATE FEBRUARY 20, 2025. ALL REFERENCES TO THE "GEOTECHNICAL REPORT" SHALL BE UNDERSTOOD AS THE AFOREMENTIONED REPORT.
- ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES. CONTRACTOR SHALL VERIFY ALL GRADES, MAKE Sure ALL AREAS DRAIN PROPERLY, AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR COMPUTATIONS OF ALL GRADE QUANTITIES WHILE JSD PROFESSIONAL SERVICES, INC ATTEMPTS TO PROVIDE A COST-EFFECTIVE APPROACH TO BALANCE EARTHWORK. GRADING DESIGN IS BASED ON MANY FACTORS, INCLUDING SAFETY, AESTHETICS, AND COMMON ENGINEERING STANDARDS OF CARE. THEREFORE, NO GUARANTEE CAN BE MADE FOR A BALANCED SITE.
- ALL EXCAVATIONS AND FILLS SHALL BE TO THE ELEVATIONS SHOWN ON THE DRAWINGS AND SHALL INCLUDE SUFFICIENT DEPTHS FOR PLACEMENT OF FILL MATERIALS, BASE COURSES, PAVEMENTS, TOPSOIL, AND OTHER MATERIALS TO THE SPECIFIED DEPTHS.
- CONTRACTOR SHALL NOT EXCAVATE BELOW ELEVATIONS OR DESIGN GRADES SHOWN ON THE DRAWINGS WITHOUT PRIOR AUTHORIZATION FROM ENGINEER AND OWNER.
- PRIOR TO ALL EXCAVATION OR FILLING OPERATIONS, CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TOPSOIL FROM PROPOSED LOCATIONS OF BUILDINGS, STRUCTURES, ROADS, WALKS, OTHER PAVED AREAS, STORM WATER FACILITIES OR WITHIN THE GRADING EXTENTS WHERE EXISTING GRADES ARE ALTERED BY MORE THAN 3". REMOVED OR STRIPPED TOPSOIL SHALL BE SEGREGATED AND STOCKPILED ON-SITE IN AN APPROPRIATE LOCATION TO BE RSPREAD AS SPECIFIED ON THE DRAWINGS.
- CONTRACTOR SHALL NOT PLACE ANY FILL OR OTHER MATERIALS ON AREAS THAT HAVE NOT HAD TOPSOIL REMOVED. ARE FROZEN, SATURATED, OR YIELDING. CONTRACTOR SHALL NOTIFY OWNER OR ENGINEER IF SUBGRADE CONDITIONS ARE NOT SUITABLE FOR SUPPORTING FILL AND A FURTHER DETERMINATION SHALL BE PROVIDED BY OWNER OR ENGINEER.
- CONTRACTOR SHALL PLACE THE FILLS IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT INCLUDING LIFT DEPTHS AND COMPACTION EFFORTS.
- PRIOR TO PLACEMENT OF BASE COURSE MATERIALS IN PAVEMENT OR HARD SURFACE AREAS OR CONDUCTING EXCAVATION BELOW SUBGRADE (EBS) ELEVATIONS, CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER TO CONDUCT AN INSPECTION OF THE PREPARED SUBGRADE AND PROOF-ROLLING. PROOF-ROLLING SHALL BE CONDUCTED BY THE CONTRACTOR IN WITNESS OF THE OWNER AND ENGINEER. OWNER AND ENGINEER SHALL DETERMINE IF AREAS OF EBS ARE REQUIRED. EBS SHALL BE COMPLETED BY THE CONTRACTOR PER THE DIRECTION OF THE OWNER AND ENGINEER.

### SOIL MATERIAL SPECIFICATIONS

- FILL AND BACKFILL MATERIALS**
  - MATERIAL SHALL BE SATISFACTORY MATERIALS EXCAVATED FROM THE SITE, PER THE GEOTECHNICAL REPORT. IF SATISFACTORY MATERIALS ARE NOT AVAILABLE ON-SITE OR ADDITIONAL MATERIALS ARE REQUIRED, REFER TO IMPORTED FILL MATERIAL SPECIFICATIONS.
- IMPORTED FILL MATERIAL**
  - MATERIAL SHALL BE PROVIDED BY THE CONTRACTOR FROM OFFSITE BORROW AREAS WHEN SUBGRADE MATERIALS ARE NOT AVAILABLE ON-SITE. IMPORTED FILL MATERIAL SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND CONSIST OF CLEAN MATERIAL OF INORGANIC SOILS OR A MIXTURE OF INORGANIC SOIL AND ROCK, STONE, OR GRAVEL. THE MATERIAL SHALL BE FREE OF TOPSOIL, VEGETATION, PAVEMENT, RUBBLE, DEBRIS, OR OTHER DELETERIOUS MATERIALS. THE MAXIMUM NOMINAL DIMENSION OF MATERIALS CONSISTING OF ROCK, STONE, OR GRAVEL SHALL BE 6".
- GRANULAR FILL**
  - MATERIAL SHALL CONSIST OF CLEAN MATERIAL MEETING THE REQUIREMENTS OF SECTION 1003 OF THE STATE HIGHWAY SPECIFICATIONS.

## PAVING NOTES

- GENERAL**
  - PAVING SHALL CONFORM TO STATE HIGHWAY SPECIFICATIONS, SECTION 500 OF CITY OF NAPERVILLE STANDARD SPECIFICATIONS, AND THE GEOTECHNICAL REPORT PREPARED BY TERRACON, TITLED GEOTECHNICAL ENGINEERING REPORT, ISSUE DATE FEBRUARY 20, 2025. ALL REFERENCES TO THE "GEOTECHNICAL REPORT" SHALL BE UNDERSTOOD AS THE AFOREMENTIONED REPORT.
  - ALL PAVING DIMENSIONS ARE TO FACE OF CURB UNLESS SPECIFIED OTHERWISE.
  - ALL SITE ELEVATIONS ARE TO FACE OF PAVEMENT UNLESS SPECIFIED OTHERWISE.
  - SAFETY PREPARATION - NOTIFY ENGINEER/OWNER OF UNSATISFACTORY CONDITIONS. DO NOT BEGIN PAVING WORK UNTIL DEFICIENT SUBBASE AREAS HAVE BEEN CORRECTED AND ARE READY TO RECEIVE PAVING.
  - ANY REQUIRED REPLACEMENT OF PUBLIC CURB AND GUTTER, PAVEMENT, OR SIDEWALK SHALL MATCH EXISTING AND MEET JURISDICTIONAL REQUIREMENTS.
- CRUSHED AGGREGATE BASE COURSE SPECIFICATIONS**
  - ALL SUBGRADE MATERIALS SHALL HAVE A MINIMUM ILLINOIS BEARING RATIO (IBR) OF 3.0 AS MEASURED IN THE DYNAMIC SHEAR TEST. SUBGRADE MATERIAL HAVING AN IBR OF LESS THAN 3.0 SHALL BE MODIFIED BY UNDERCUTTING AND BACKFILLING THE UNSUITABLE AREAS IN ACCORDANCE WITH SECTION 503.
  - UNLESS OTHERWISE INDICATED, ALL SUBBASE SHALL BE CONSTRUCTED OF COMPACTED, CRUSHED AGGREGATE MEETING IDOT GRADATION CA-6.
  - DO NOT PLACE BASE ON FROZEN FOUNDATIONS UNLESS THE ENGINEER APPROVES OTHERWISE.
  - DO NOT PLACE BASE ON FOUNDATIONS THAT ARE SOFT, SPONGY, OR COVERED BY ICE OR SNOW.
- HOT MIXED ASPHALT (HMA) PAVING SPECIFICATIONS**
  - BUTIMINOUS CONCRETE BASE COURSE, BUTIMINOUS CONCRETE BINDER COURSE AND BUTIMINOUS CONCRETE SURFACE COURSE SHALL MEET THE MIX DESIGN AND GRADATION FOR THE STATE OF ILLINOIS SPECIFICATIONS FOR BUTIMINOUS AGGREGATE MIXTURE, BUTIMINOUS CONCRETE BINDER CLASS MODIFIED, AND BUTIMINOUS CONCRETE SURFACE COURSE CLASS I MODIFIED, RESPECTIVELY. ALL MIX DESIGNS SHALL BE APPROVED BY THE CITY ENGINEER. THE SURFACE COURSE ON ALL ORIGINAL ROADWAY CONSTRUCTION AND PAVEMENT WIDENINGS SHALL BE COMPRISED OF ONLY VIRGIN MATERIALS.
  - THE PLACING, CONSTRUCTION, AND COMPOSITION OF THE BASE COURSE AND HMA SURFACE COURSE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 351 AND 406 OF THE STATE HIGHWAY SPECIFICATIONS.
  - WEATHER LIMITATIONS**
    - DO NOT PLACE HMA WHEN BASE IS WET OR CONTAINS EXCESS MOISTURE.
    - DO NOT PLACE ASPHALTIC MIXTURE WHEN THE AIR TEMPERATURE IS APPROXIMATELY 35°F OR GREATER, IN SHADE, AND AWAY FROM ARTIFICIAL HEAT SOURCES IS LESS THAN 40°F UNLESS A VALID ENGINEER-ACCEPTED COLD WEATHER PAVING PLAN IS IN EFFECT.
    - PLACE ASPHALTIC MIXTURE ONLY ON A PREPARED, FIRM, AND COMPACTED BASE, FOUNDATION LAYER, OR EXISTING PAVEMENT. SUBSTANTIALLY DRY AND FREE OF LOOSE AND FOREIGN MATERIAL. DO NOT PLACE OVER FROZEN SUBGRADE OR BASE, OR WHERE THE ROADBED IS UNSTABLE.
    - APPLY TACK COAT ONLY WHEN THE AIR TEMPERATURE IS 32°F OR MORE UNLESS THE ENGINEER APPROVED OTHERWISE IN WRITING.
    - ALL ASPHALTIC LAYERS (TOP, UPPER, AND LOWER LAYERS) SHALL BE DELIVERED TO THE PROJECT SITE AT A TEMPERATURE NOT LOWER THAN 250°F.
  - CONTRACTOR SHALL ESTABLISH AND MAINTAIN REQUIRED LINES AND ELEVATIONS FOR EACH COURSE DURING CONSTRUCTION.
  - BINDER COURSE AGGREGATE**
    - THE AGGREGATE FOR THE BINDER COURSE SHALL CONFORM TO SECTION 406 OF THE STATE HIGHWAY SPECIFICATIONS.
    - SURFACE COURSE AGGREGATE
    - ASPHALTIC MATERIALS
    - THE ASPHALTIC MATERIALS SHALL CONFORM TO SECTIONS 1030 AND 1032 OF THE STATE HIGHWAY SPECIFICATIONS.
- CONCRETE PAVING SPECIFICATIONS**
  - THE PAVEMENT SHALL BE OF PORTLAND CEMENT CONCRETE WITH OR WITHOUT FIBER OPTIC CONCRETE, PRESTRESSED SUBGRADE, AND SERVICE WALLS.
  - NO ADMIXTURES OTHER THAN AIR ENTRAPMENT AGENTS, IN ACCORDANCE WITH ASTM C-33 SHALL BE USED IN THE CONCRETE WITHOUT PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER. ALL ADMIXTURES SHALL MEET ALL APPLICABLE ASHTO AND ASTM STANDARDS AND REQUIREMENTS. THE USE OF CALCIUM CHLORIDE IS NOT ALLOWED, UNLESS APPROVED IN WRITING BY THE CITY ENGINEER AND THEN ONLY WHEN ADDED BY THE CONCRETE SUPPLIER AT THE BATCH PLANT IN ACCORDANCE WITH THE IDOT MANUAL OF INSTRUCTIONS FOR CONCRETE PROPORTIONING AND TESTING.
  - ALL SIDEWALKS AND COMMERCIAL DRIVEWAY APPROACHES SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE (6" BASE) OR CEMENT STABILIZED SUBGRADE (6" BASE) WITH A MAXIMUM CLUMP OF 1" INCHES RESIDENTIAL DRIVEWAY APRONS AND SERVICE WALLS MAY BE CONSTRUCTED OF MATERIALS OTHER THAN PORTLAND CEMENT CONCRETE OR BUTIMINOUS CONCRETE PROVIDED THAT THE DESIGN IS APPROVED BY THE TRANSPORTATION, ENGINEERING AND DEVELOPMENT BUSINESS GROUP AND A PERMIT IS OBTAINED FOR THE WORK. AS A CONDITION OF THE PERMIT, A COVENANT RUNNING WITH THE LAND MUST BE RECORDED SUBJECTING THE PROPERTY TO COVENANTS AND RESTRICTIONS CONCERNING THE ALTERNATE DRIVEWAY SURFACE OR SERVICE WALLS.
  - ALL CONCRETE PAVEMENTS SHALL BE CONSTRUCTED ACCORDING WITH NAPERVILLE STANDARD DETAILS 590.30, 590.31, AND 530.32, AND SECTION 1020 OF THE IDOT STANDARD SPECIFICATIONS.
  - CURING AND PROTECTION: IF MEMBRANE CURING COMPOUNDS ARE UTILIZED THEY SHALL ALSO BE A TYPE WHICH PROVIDES A PROTECTIVE SEAL WHICH IS SATISFACTORY TO THE CITY ENGINEER. ALL CONCRETE CURB AND GUTTER, SIDEWALK AND OTHER CONCRETE PAVEMENTS IN THE CITY OF NAPERVILLE SHALL BE CURED IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS. ALL PROVISIONS OF SECTION 1020.13 SHALL BE EMPLOYED. ALL MORTAR AND PLASTER SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S COMMENDATION.
  - EXTERIOR CONCRETE SURFACES SHALL BE BROOM FINISHED.
  - CONTRACTOR SHALL INSTALL TRUNCATED DOME WARNING DETECTION FIELD SHALL BE PLACED AT ALL ADA RAMPS AS SPECIFIED ON PLANS AND IN ACCORDANCE WITH STATE AND FEDERAL REQUIREMENTS.
- PAVEMENT MARKING SPECIFICATIONS
  - ALL PAVEMENT MARKINGS AND MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 780 THROUGH ARTICLE 783 OF THE IDOT STANDARD SPECIFICATIONS.

## TE- GEOMETRIC AND PAVING NOTES

- THE DEVELOPER AND CONTRACTOR SHALL HAVE THE RESPONSIBILITY TO ADEQUATELY PROTECT THE PAVEMENT AND PROPERTY CURB AND CUTTER 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 RENDERA 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 SIDEWALL BE RE-CUT SQUARE AND DONE OVER UNTIL IT IS CORRECT. 6 ALL PAVEMENT PATCHES WITHIN THE PUBLIC RIGHT-OF-WAY MUST CONFORM TO CITY STANDARDS. REFERENCE NAPERVILLE STANDARD DETAILS 590.12 AND 590.13.

## EROSION CONTROL NOTES

- CONTRACTOR IS RESPONSIBLE TO NOTIFY ENGINEER OF RECORD AND OFFICIALS OF ANY CH

## UTILITY NOTES

1. ALL EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATIONS OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. CONTRACTOR/OWNER SHALL CALL "DIGGERS HOTLINE" PRIOR TO ANY CONSTRUCTION.

2. PRIOR TO CONSTRUCTION, THE PRIME CONTRACTOR IS RESPONSIBLE FOR:

1. EXAMINING ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
2. OBTAINING ALL PERMITS INCLUDING PERMIT COSTS, TAP FEES, METER DEPOSITS, BONDS, AND ALL OTHER FEES REQUIRED FOR PROPOSED WORK TO OBTAIN OCCUPANCY.
3. VERIFYING ALL ELEVATIONS, LOCATIONS, AND ZONES OF SANITARY, WATER, AND STORM LATERALS AND CHECK ALL UTILITY CROSSINGS FOR CONFLICTS. NOTIFY ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.
4. NOTIFYING THE DESIGN ENGINEER AND JURISDICTIONAL AUTHORITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION.
5. NOTIFYING THE DESIGN ENGINEER AND JURISDICTIONAL AUTHORITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION.
6. COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.

3. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, CURRENT EDITION AND LOCAL CODES AND SPECIFICATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE WHICH SPECIFICATIONS AND CODES APPLY, AND TO COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE JURISDICTIONAL AUTHORITIES.

4. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH CITY OF NAPERVILLE STANDARD SPECIFICATIONS SECTIONS 200, 300, AND 400.

5. SPECIFICATIONS SHALL COMPLY WITH THE JURISDICTIONAL AUTHORITY'S SPECIAL PROVISIONS.

6. LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.

7. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF IMPROVEMENTS.

8. CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVERNIGHT AS REQUIRED IN CONSTRUCTION SITES WHERE THE POTENTIAL FOR PEDESTRIAN INJURY EXISTS.

9. CONTRACTOR SHALL ADJUST AND/OR RECONSTRUCT ALL UTILITY COVERS (SUCH AS MANHOLE COVERS, VALVE BOX COVERS, ETC.) TO MATCH THE FINISHED GRADES OF THE AREAS EFFECTED BY THE CONSTRUCTION.

10. ALL NON-METALLIC UTILITY PIPES (SANITARY SEWER, STORM SEWER, AND WATER PIPING) SHALL BE INSTALLED IN CONJUNCTION WITH TRACER WIRE AS REQUIRED BY SECTIONS 02558 AND 151130 OF THE STANDARD SPECIFICATIONS. COLOR OF TRACER WIRE SHALL BE: SANITARY SEWER - GREEN, STORM SEWER - BROWN, WATER - BLUE, NON-POTABLE WATER - PURPLE.

11. DRY UTILITIES (COMMUNICATION, TELEPHONE, GAS, ELECTRIC, ETC.) ARE SHOWN FOR GENERAL ROUTING ONLY. CONTRACTOR SHALL COORDINATE DESIGN AND FINAL LOCATION WITH APPROPRIATE UTILITY COMPANY.

12. THE PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.

13. ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE JURISDICTIONAL AUTHORITY'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.

14. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE INSTALLED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWINGS CAN BE PREPARED, IF REQUIRED ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE ENGINEER AS WORK PROGRESSES.

15. **STORM SEWER SPECIFICATIONS:**

15.1. PIPE:

15.1.1. REINFORCED CONCRETE PIPE (RCP) - SHALL CONFORM TO ASTM DESIGNATION C 76, CLASSES I, II, III, IV OR V. BITUMINOUS JOINTS SHALL CONFORM TO ASTM DESIGNATIONS C 14 OR C 76 AS MAY BE APPLICABLE. BITUMINOUS MATERIAL SHALL CONSIST OF A HOMOGENEOUS BLEND OF BITUMEN, INERT FILLER, AND SUITABLE SOLVENT APPROVED BY THE CITY ENGINEER. RUBBER GASKET JOINTS SHALL CONFORM TO ASTM C 433. REINFORCED CONCRETE PIPE SHALL ALSO BE PERMITTED AS ROUND, ELLIPTICAL, OR BOX SHAPED OR AS REINFORCED CONCRETE ARCH CULVERT.

15.1.2. NON-REINFORCED CONCRETE PIPE (NRCP) - SHALL BE ALLOWED FOR PIPES WITH A 10 INCH OR SMALLER DIAMETER. NON-REINFORCED CONCRETE PIPE SHALL CONFORM TO ASTM DESIGNATION C 14, CLASS 3. BITUMINOUS JOINTS SHALL CONFORM TO ASTM DESIGNATIONS C 14 OR C 76 AS MAY BE APPLICABLE. BITUMINOUS MATERIAL SHALL CONSIST OF A HOMOGENEOUS BLEND OF BITUMEN, INERT FILLER, AND SUITABLE SOLVENT APPROVED BY THE CITY ENGINEER. RUBBER GASKET JOINTS SHALL CONFORM TO ASTM C 433. REINFORCED CONCRETE PIPE SHALL ALSO BE PERMITTED AS ROUND, ELLIPTICAL, OR BOX SHAPED OR AS REINFORCED CONCRETE ARCH CULVERT.

15.1.3. HIGH DENSITY POLYETHYLENE PIPE (HDPE) - HIGH-DENSITY POLYETHYLENE (HDPE) PIPE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 252 AND M 294. PIPE AND FITTINGS SHALL BE MADE FROM VIRGIN PE COMPOUNDS WHICH CONFORM TO THE REQUIREMENTS OF CELL CLASS 32420C AS DEFINED AND DESCRIBED IN ASTM D 3350. RUBBER GASKET JOINTS SHALL BE USED.

15.1.4. POLYVINYL CHLORIDE (PVC) - SHALL CONFORM TO ASTM D 3034, TYPE PSM. THE MINIMUM STANDARD DIMENSION RATIO (SDR) SHALL BE 26. THE PIPE SHALL BE MADE OF PVC PLASTIC HAVING A MINIMUM CELL CLASSIFICATION OF 12454-C, AND SHALL HAVE A MINIMUM PIPE STIFFNESS OF FORTY-SIX (46) LBS. PER INCH (317 KPA). JOINTS FOR PVC PIPE SHALL BE FLEXIBLE ELASTOMETRIC STIFFNESS OF 12454-C, AND SHALL HAVE A MINIMUM PIPE STIFFNESS OF FORTY-SIX (46) LBS. PER INCH (317 KPA).

15.2. INLETS AND CATCH BASINS:

15.2.1. 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.

15.2.2. POLYVINYL CHLORIDE (PVC) INLETS BY NYLOPLAST ONLY WHEN SPECIFIED ON PLANS, CONFORMING TO ASTM D1781, ASTM D3212, ASTM F477, AND MANUFACTURER'S REQUIREMENTS. REFER TO THE MANUFACTURER'S SPECIFICATION.

15.2.3. FRAME AND GRATE LIDS:

15.2.3.1. 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 R-260. LOADING SPECIFICATIONS. FRAMES SHALL BE SHOP PAINTED WITH ASPHALTIC BASE PAINT. ALL STORM SEWER LIDS AND GRATES SHALL BE CAST WITH "DUMP NO WASTE, DRAINS TO RIVER".

15.2.3.2. PAVEMENT: EAST JORDAN IRON WORKS 1022 FRAME WITH TYPE M1 RADIAL FLAT GRATE, OR APPROVED EQUAL.

15.2.3.3. BARRIER CURB AND GUTTER: EAST JORDAN IRON WORKS 7220 FRAME WITH TYPE M1 GRATE AND T1 CURB BOX, OR APPROVED EQUAL.

15.2.3.4. DEPRESSURE CURB: EAST JORDAN IRON WORKS 5120 FRAME AND GRATE, OR APPROVED EQUAL.

15.2.3.5. MOUNTABLE CURB: EAST JORDAN IRON WORKS 7525 FRAME AND GRATE, OR APPROVED EQUAL.

15.2.3.6. NON-PAVED AREAS: EAST JORDAN IRON WORKS 6527 BEEHIVE GRATE, 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 EQUAL MAY BE USED.

15.2.4. MANHOLES:

15.2.4.1. MANHOLES FOR STORM SEWERS SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 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 MANHOLES SHALL BE WATER-TIGHT. ALL VISIBLE LEAKS SHALL BE SEALED IN A MANNER ACCEPTABLE TO THE CITY ENGINEER.

15.2.4.2. MANHOLES SHALL BE FURNISHED WITH A SELF-SEALING FRAME AND SOLID COVER (EAST JORDAN IRON WORKS 1022 WITH TYPE A SOLID COVER, OR APPROVED EQUAL) WITH THE WORD "STORM" IMPRINTED ON THE COVER IN RAISED LETTERS. ALL FRAMES AND LIDS SHALL MEET OR EXCEED AASHTO H-20 LOADING SPECIFICATIONS. FRAMES SHALL BE SHOP PAINTED WITH ASPHALTIC BASE PAINT.

15.3. BACKFILL AND BEDDING:

15.3.1. 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.

15.3.2. BACKFILL MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF IDOT STANDARD SPECIFICATIONS. THE GRADATION SHALL CONFORM TO GRADATION CA-6 OF THE STANDARD SPECIFICATIONS.

15.3.3. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH THE STANDARD SPECIFICATIONS.

15.4. FIELD TILE CONNECTIONS:

15.4.1. ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION SHALL BE INCLUDED IN THE UNIT PRICE(S) FOR STORM SEWER. TILE LINES CROSSED BY THE TRENCH SHALL BE REPLACED WITH THE SAME MATERIAL AS THE STORM SEWER.

16. **WATER MAIN & WATER LATERAL SPECIFICATIONS:**

16.1. PIPE:

16.1.1. DUCTILE IRON PIPE SHALL CONFORM TO ANSI/AWWA C151/A21.5-02 (OR LATEST EDITION). THE MINIMUM THICKNESS DESIGNATION SHALL BE CLASS 52. CASTING, MARKING, TESTING, ETC. SHALL BE PROVIDED IN ACCORDANCE WITH APPLICABLE ANSI OR AWWA STANDARDS. CEMENT LINING SHALL BE PROVIDED IN ACCORDANCE WITH ANSI/AWWA C104/A21.4-03 (OR LATEST EDITION).

16.2. PIPE FITTINGS:

16.2.1. ALL CAST AND DUCTILE IRON FITTINGS SHALL CONFORM TO THE LATEST ANSI/AWWA C110/A21.10-03 (OR LATEST EDITION) FOR SHORT BODY, CAST AND DUCTILE IRON FITTINGS, 3 INCHES TO 48 INCHES IN DIAMETER. DUCTILE IRON COMPACT FITTINGS 3 INCHES TO 24 INCHES IN DIAMETER SHALL BE IN ACCORDANCE WITH ANSI/AWWA C153/A21.53-00 (OR LATEST EDITION).

16.3. VALVES:

16.3.1. ALL VALVES SHALL BE STANDARD PATTERN 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.

16.3.2. THE VALVE BODIES SHALL BE CAST OR DUCTILE IRON, MOUNTED WITH APPROVED NON-CORROSIVE METALS. ALL WEARING SURFACES SHALL BE OF APPROVED NON-CORROSIVE MATERIAL.

16.3.3. ALL VALVES SHALL BE RESILIENT WEDGE GATE VALVES WITH NON-RISING STEMS WITH UPPER AND LOWER THRUST COLLARS. WATERWAYS SHALL BE SMOOTH AND HAVE NO GROOVE OR DEPRESSION WHERE FOREIGN MATERIAL CAN LODGE AND PREVENT SEALING. THE STEM SHALL BE BRONZE OR OTHER APPROVED NON-CORROSIVE METAL. ALL VALVES SHALL OPEN BY TURNING COUNTERCLOCKWISE. RESILIENT WEDGE GATE VALVES SHALL MEET THE STANDARDS OF AWWA C509-01 OR AWWA C515-01 (OR LATEST EDITION).

16.3.4. ALL NUTS, BOLTS AND WASHERS SHALL BE STAINLESS STEEL, TYPE 304 OR BETTER.

16.3.5. VALVE BODIES AND CONNECTIONS - END CONNECTIONS OF ALL VALVES SHALL BE THE MECHANICAL JOINT TYPE.

16.4. WATER SERVICES:

16.4.1. SERVICES 2" IN DIAMETER OR LESS SHALL USE A TAP SERVICE WITH A CORPORATION STOP AND CURB STOP VALVE WITH SERVICE BOX PER JURISDICTIONAL REQUIREMENTS.

16.4.2. SERVICES GREATER THAN 2" IN DIAMETER SHALL USE A TAPPING SLEEVE OR CUT-IN TEE CONNECTION WITH VALVE OF EQUIVALENT PIPE DIAMETER AND VALVE BOX PER JURISDICTIONAL REQUIREMENTS.

16.5. HYDRANTS:

16.5.1. HYDRANTS SHALL CONFORM TO SECTION 402.15 OF THE CITY OF NAPERVILLE STANDARD SPECIFICATIONS.

16.6. JOINTS:

16.6.1. JOINTS FOR DUCTILE IRON PIPE SHALL CONSIST OF ONE OF THE TWO FOLLOWING TYPES UNLESS OTHERWISE PROVIDED IN THE SPECIAL PROVISIONS: A) MECHANICAL JOINTS WITH STAINLESS STEEL NUTS, BOLTS AND WASHERS, TYPE 304 OR BETTER, BI-PUSH-ON RUBBER GASKET JOINTS: AWWA 600-99 (OR LATEST EDITION). GASKETS FOR WATER MAIN LOCATED WITHIN 100 FEET OF A VEHICLE FUELING FACILITY SHALL BE BUNA N OR FLUOROCARBON RUBBER.

16.7. BEDDING AND COVER MATERIAL:

16.7.1. THE MATERIAL USED FOR PIPE BEDDING SHALL CONSIST OF GRAVEL, CRUSHED GRAVEL, OR CRUSHED STONE CONFORMING TO THE REQUIREMENTS OF ARTICLE 1004.01 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", PREPARED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE GRADATION SHALL CONFORM TO GRADATION CA-7 OR CA-11 OF THE STANDARD SPECIFICATIONS.

16.7.2. BURY DEPTH SHALL CONFORM TO LOCAL JURISDICTION REQUIREMENTS.

16.8. BACKFILL:

16.8.1. EXCAVATION AND BACKFILL FOR WATER MAINS SHALL CONFORM TO THE PROVISIONS OF SECTION 20, 21 AND 22 OF THE STANDARD SPECIFICATIONS FOR WATER SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION, EXCEPT AS MODIFIED HEREIN.

17. SEPARATION DISTANCES

- WHERE PRIVATE WATER MAIN OR WATER SERVICES CROSSES A SANITARY SEWER OR SANITARY LATERAL, THE WATER PIPE WITHIN 5 FEET OF THE CROSSING SHALL BE INSTALLED WITH THE FOLLOWING:
  - WATER PIPING SHALL BE INSTALLED AT LEAST 12 INCHES ABOVE THE TOP OF SANITARY PIPING
  - WATER PIPING SHALL BE INSTALLED AT LEAST 18 INCHES BELOW THE BOTTOM OF SANITARY PIPING.

18. **SANITARY SEWER SPECIFICATIONS:**

18.1. PIPE:

18.1.1. POLYVINYL CHLORIDE (PVC) PIPE (6 INCH - 16 INCH) CONFORMING TO ASTM D2241-05 (OR LATEST EDITION) (SDR 26 - SEWER DEPTH BETWEEN 4-20 FEET AND SDR 21 FOR DEPTHS BETWEEN 20-25 FEET) WITH JOINTS CONFORMING TO ASTM D3139-98 (2005) (OR LATEST EDITION).

18.2. MANHOLES:

18.2.1. MANHOLES FOR SANITARY SEWERS SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES AND SHALL BE CONSTRUCTED OF PRECAST CONCRETE UNITS IN ACCORDANCE WITH ASTM C478-05 (OR LATEST EDITION) AND SECTION 32 OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", AND SHALL FOLLOW THE CITY OF NAPERVILLE SANITARY SEWER STANDARDS. ALL MANHOLES SHALL BE WATER-TIGHT. ALL VISIBLE LEAKS SHALL BE SEALED IN A MANNER ACCEPTABLE TO THE CITY ENGINEER.

18.2.2. MANHOLES SHALL BE FURNISHED WITH A SELF-SEALING FRAME AND SOLID COVER (NEENAH FOUNDRY R1772, EAST JORDAN IRON WORKS 1022-23, OR EQUAL APPROVED BY THE CITY ENGINEER) WITH THE WORD "SANITARY" IMPRINTED ON THE COVER IN RAISED LETTERS (SEE NAPERVILLE STANDARD DETAIL 300.3). ALL FRAMES AND LIDS SHALL MEET OR EXCEED AASHTO H-20 LOADING SPECIFICATIONS. FRAMES SHALL BE SHOP PAINTED WITH ASPHALTIC BASE PAINT.

18.2.3. BOTH THE MANHOLE FRAME AND COVER SHALL HAVE MACHINED HORIZONTAL AND VERTICAL BEARING SURFACES. INVERTED MANHOLE FRAMES ARE NOT ALLOWED.

18.3. BEDDING AND COVER MATERIAL:

18.3.1. SANITARY SEWER BEDDING AND COVER MATERIAL SHALL MEET GUIDELINES WITHIN SECTION 303.4 OF THE CITY OF NAPERVILLE STANDARD SPECIFICATIONS.

## TED- STORM SEWER NOTES

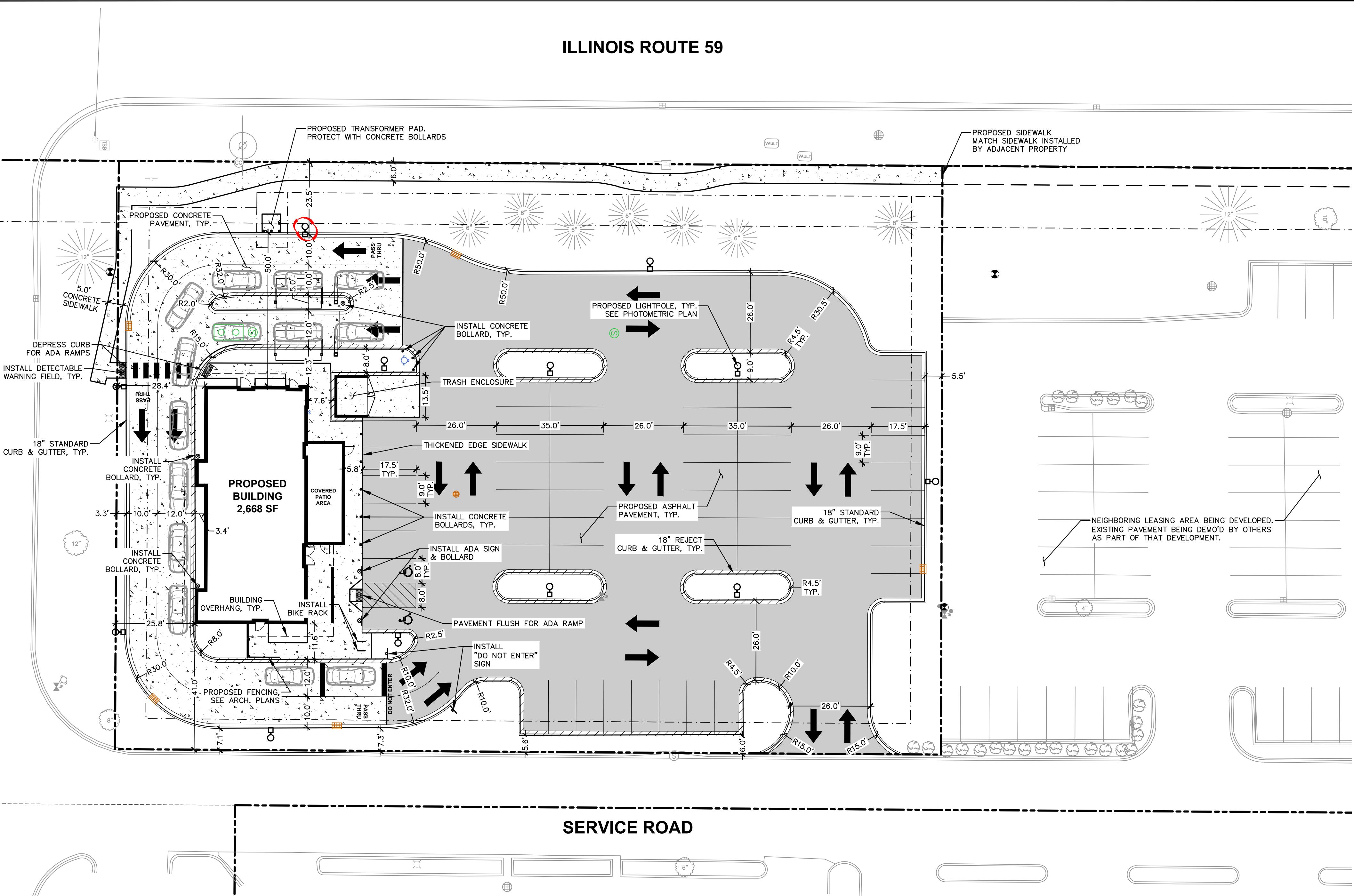
1. THE FOLLOWING MATERIALS ARE PERMITTED FOR STORM SEWER AND PIPE CULVERTS. WHERE A PARTICULAR MATERIAL IS NOT LISTED, THE PLANNER MAY APPROVE ANOTHER MATERIAL WHICH IS PERMITTED.

- 1.1. REINFORCED CONCRETE (RCP) - REINFORCED CONCRETE PIPE SHALL CONFORM TO ASTM DESIGNATION C 76, CLASSES I, II, III, IV OR V. BITUMINOUS JOINTS SHALL CONFORM TO ASTM DESIGNATIONS C 14 OR C 76 AS MAY BE APPLICABLE. BITUMINOUS MATERIAL SHALL CONSIST OF A HOMOGENEOUS BLEND OF BITUMEN, INERT FILLER, AND SUITABLE SOLVENT APPROVED BY THE CITY ENGINEER. RUBBER GASKET JOINTS SHALL CONFORM TO ASTM C 433. REINFORCED CONCRETE PIPE SHALL ALSO BE PERMITTED AS ROUND, ELLIPTICAL, OR BOX SHAPED OR AS REINFORCED CONCRETE ARCH CULVERT.
- 1.2. NON-REINFORCED CONCRETE PIPE - NON-REINFORCED CONCRETE PIPE SHALL BE ALLOWED FOR PIPES WITH A 10 INCH OR SMALLER DIAMETER. NON-REINFORCED CONCRETE PIPE SHALL CONFORM TO ASTM DESIGNATION C 14, CLASS 3. BITUMINOUS JOINTS SHALL CONFORM TO ASTM DESIGNATIONS C 14 OR C 76 AS MAY BE APPLICABLE. BITUMINOUS MATERIAL SHALL CONSIST OF A HOMOGENEOUS BLEND OF BITUMEN, INERT FILLER, AND SUITABLE SOLVENT APPROVED BY THE CITY ENGINEER. RUBBER GASKET JOINTS SHALL CONFORM TO ASTM C 433. REINFORCED CONCRETE PIPE SHALL ALSO BE PERMITTED AS ROUND, ELLIPTICAL, OR BOX SHAPED OR AS REINFORCED CONCRETE ARCH CULVERT.
- 1.3. DUCTILE IRON PIPE (DIP) - DUCTILE IRON PIPE SHALL CONFORM TO ANSI A 21.51 (AWWA C-151), CLASS THICKNESS DESIGNED PER ANSI A 21.50 (AWWA C-150), TAR (SEAL) COATED AND CEMENT LINED PER ANSI A 21.4 (AWWA C-104), WITH MECHANICAL OR RUBBER RING (SLIP SEAL OR PUSH ON) JOINTS. ALL DUCTILE IRON PIPE SHALL BE WRAPPED WITH POLYETHYLENE.
- 1.4. POLYVINYL CHLORIDE PIPE (PVC) - POLYVINYL CHLORIDE (PVC) PIPE SHALL CONFORM TO ASTM D 3034, TYPE PSM. THE MINIMUM STANDARD DIMENSION RATIO (SDR) SHALL BE 26. THE PIPE SHALL BE MADE OF PVC PLASTIC HAVING A MINIMUM PIPE STIFFNESS OF FORTY-SIX (46) LBS. PER INCH (317 KPA). JOINTS FOR PVC PIPE SHALL BE FLEXIBLE ELASTOMETRIC STIFFNESS PER ASTM D 3212.
- 1.5. HIGH DENSITY POLYETHYLENE PIPE (HDPE) - HIGH-DENSITY POLYETHYLENE (HDPE) PIPE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 252 AND M 294. PIPE AND FITTINGS SHALL BE MADE FROM VIRGIN PE COMPOUNDS WHICH CONFORM TO THE REQUIREMENTS OF CELL CLASS 32420C AS DEFINED AND DESCRIBED IN ASTM D 3350. RUBBER GASKET JOINTS SHALL BE USED.
- 1.6. FULLY GALVANIZED CORRUGATED STEEL PIPE - FULLY GALVANIZED CORRUGATED STEEL PIPE MAY BE USED FOR RESIDENTIAL DRIVEWAY CROSSINGS ONLY WHEN A DITCH SECTION IS PRESENT. THE MINIMUM CULVERT SIZE IS 12" DIAMETER.
2. 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.
3. 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.
4. JOINTS CONNECTING PIPE MATERIALS SHALL BE MADE WITH SEWER CLAMP NON-SHEAR TYPE COUPLINGS. CASCADE CSS, ROMAC LSS, FERNO, 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.
5. MANHOLES FOR STORM SEWERS SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 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 MANHOLES SHALL BE WATER-TIGHT. ALL VISIBLE LEAKS SHALL BE SEALED IN A MANNER ACCEPTABLE TO THE CITY ENGINEER.
6. MANHOLES SHALL BE FURNISHED WITH A SELF-SEALING FRAME AND SOLID COVER (EAST JORDAN IRON WORKS 1022 WITH TYPE A SOLID COVER, OR APPROVED EQUAL) WITH THE WORD "STORM" IMPRINTED ON THE COVER IN RAISED LETTERS. ALL FRAMES AND LIDS SHALL MEET OR EXCEED AASHTO R-260. LOADING SPECIFICATIONS. FRAMES SHALL BE SHOP PAINTED WITH ASPHALTIC BASE PAINT.
7. MANHOLE STEPS ON MAXIMUM 16 INCH CENTER SHALL BE FURNISHED WITH EACH MANHOLE, SECURELY ANCHORED IN PLACE, TRUE TO VERTICAL ALIGNMENT. IN ACCORDANCE WITH THE NAPERVILLE STANDARD DETAIL, STEPS SHALL BE COPOLYMER POLYPROPYLENE REINFORCED WITH 1/2 INCH A615/A615M-05A (OR LATEST EDITION) GRADE 60 STEEL REINFORCEMENT, MEETING OR EXCEEDING ASTM C 478-05 (OR LATEST EDITION) AND OSHA STANDARDS.
8. 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 R-260 LOADING SPECIFICATIONS. FRAMES SHALL BE SHOP PAINTED WITH ASPHALTIC BASE PAINT.
9. THE STEEL CASING PIPE SHALL BE BITUMINOUS COATED A MINIMUM OF 30 MILS THICKNESS INSIDE AND OUT, AND SHALL BE CLEAR-PROOF. THE MINIMUM WALL THICKNESS OF THE EXTERIOR OF THE STEEL CASING PIPE IS 1/2 INCH. THE STEEL CASING PIPE SHALL MEET THE REQUIREMENTS OF THE NAPERVILLE STANDARD SPECIFICATIONS FOR THE MINIMUM WALL THICKNESSES OF VARIOUS SIZES. STEEL CASING DIAMETERS - THE STEEL CASING PIPE SHALL HAVE MINIMUM YIELD STRENGTH OF 35,000 PSI AND SHALL MEET THE REQUIREMENTS OF A139/A139M-04 (OR LATEST EDITION). GRADE B. RING DEFLECTION SHALL NOT EXCEED 2% OF THE NOMINAL DIAMETER. THE STEEL CASING PIPE SHALL BE DELIVERED TO THE JOBSITE WITH BEVELED ENDS TO FACILITATE FIELD WELDING.
10. 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.
11. FOR STRUCTURES LOCATED IN PAVED AREAS, A MINIMUM OF FOUR, 2-INCH DIAMETER HOLES SHALL BE DRILLED OR PRECAST INTO THE STRUCTURE WITHIN 1 FOOT OF THE LOWEST PIPE INSERT. THE HOLES SHALL BE DISTRIBUTED EQUIDISTANT AROUND THE PERIMETER OF THE STRUCTURE. A 1-FOOT BY 1-FOOT SECTION OF UNDERDRAIN FILTER CLOTH MATERIAL SHALL BE SUFFICIENTLY FIXED TO THE OUTSIDE OF THE MANHOLE WITH MASTIC MATERIAL TO PREVENT SLIPAGE DURING BACKFILLING.
12. 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 NOT BE



## FOX RIVER COMMONS ENTRANCE

## ILLINOIS ROUTE 59



## SERVICE ROAD

### LEGEND

PROPERTY LINE
RIGHT-OF-WAY
EASEMENT LINE
BUILDING OUTLINE
BUILDING OVERHANG
EDGE OF PAVEMENT
STANDARD CURB AND GUTTER
REJECT CURB AND GUTTER
ASPHALT PAVEMENT
CONCRETE PAVEMENT
BOLLARD WITH ADA PARKING SIGN
SIGN
FENCE
LIGHT POLE (REFER TO PHOTOMETRIC PLAN)

### GENERAL NOTES

- REFER TO THE EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGENDS.
- EXISTING GRADE SPOT ELEVATIONS SHOWN FOR INFORMATIONAL PURPOSES. DURING CONSTRUCTION MATCH EXISTING GRADES AT CONSTRUCTION LIMITS.
- JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES.
- CONTRACTOR SHALL RESTORE ALL BUILDINGS, PAVEMENT, PIPES, SLOPES, AND STRUCTURES DAMAGED BY THE CONTRACTOR TO PRE-EXISTING OR BETTER CONDITIONS.
- THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE JURISDICTIONAL AUTHORITY AND IS SUBJECT TO CHANGE AT ANY TIME.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF THESE IMPROVEMENTS.

SITE INFORMATION BLOCK	
SITE ADDRESS	844 S. ROUTE 59 NAPERVILLE, IL 60540
PROPERTY ACREAGE (LEASING AREA)	1.18 ACRES
NUMBER OF BUILDING STORIES	1
TOTAL BUILDING SQUARE FOOTAGE	2,668 SF
NUMBER OF PARKING STALLS	
SURFACE	
LARGE	50
ACCESSIBLE	2
TOTAL SURFACE	52
NUMBER OF BICYCLE STALLS:	4
EXISTING VS. PROPOSED SITE COVERAGE	
EXISTING IMPERVIOUS SURFACE AREA	34,589 SF
EXISTING PERVIOUS SURFACE AREA	16,833 SF
EXISTING IMPERVIOUS SURFACE AREA RATIO	0.67
PROPOSED IMPERVIOUS SURFACE AREA	36,330 SF
PROPOSED PERVIOUS SURFACE AREA	15,092 SF
PROPOSED IMPERVIOUS SURFACE AREA RATIO	0.71
NEW NET IMPERVIOUS SURFACE AREA	1,741 SF

### REVIEW DRAWING

NOT TO BE USED FOR CONSTRUCTION

DATE OF ISSUE 05-15-25

### PROJECT:

## GUZMAN Y GOMEZ MEXICAN KITCHEN

PROJECT LOCATION:  
844 ILLINOIS ROUTE 59  
NAPERVILLE, IL  
DUPAGE COUNTY

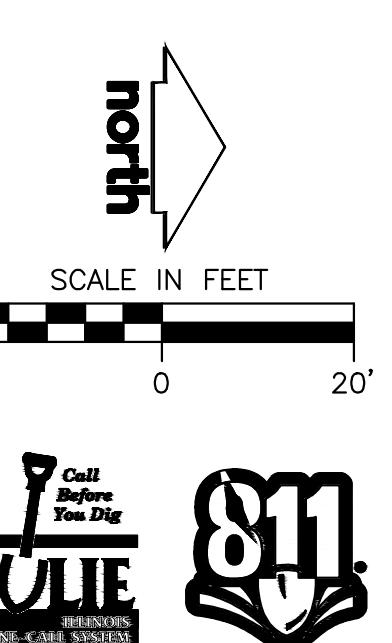
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#	Date:	Description:
1	03.20.2025	PUD SUBMITTAL
2	05-15-2025	PUD RE-SUBMISSION
3	06.16.2025	PZC REVIEW & APPROVAL
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Designed By: GW/ED  
Reviewed By: LV/PB  
Approved By: MP

SHEET TITLE: SITE PLAN

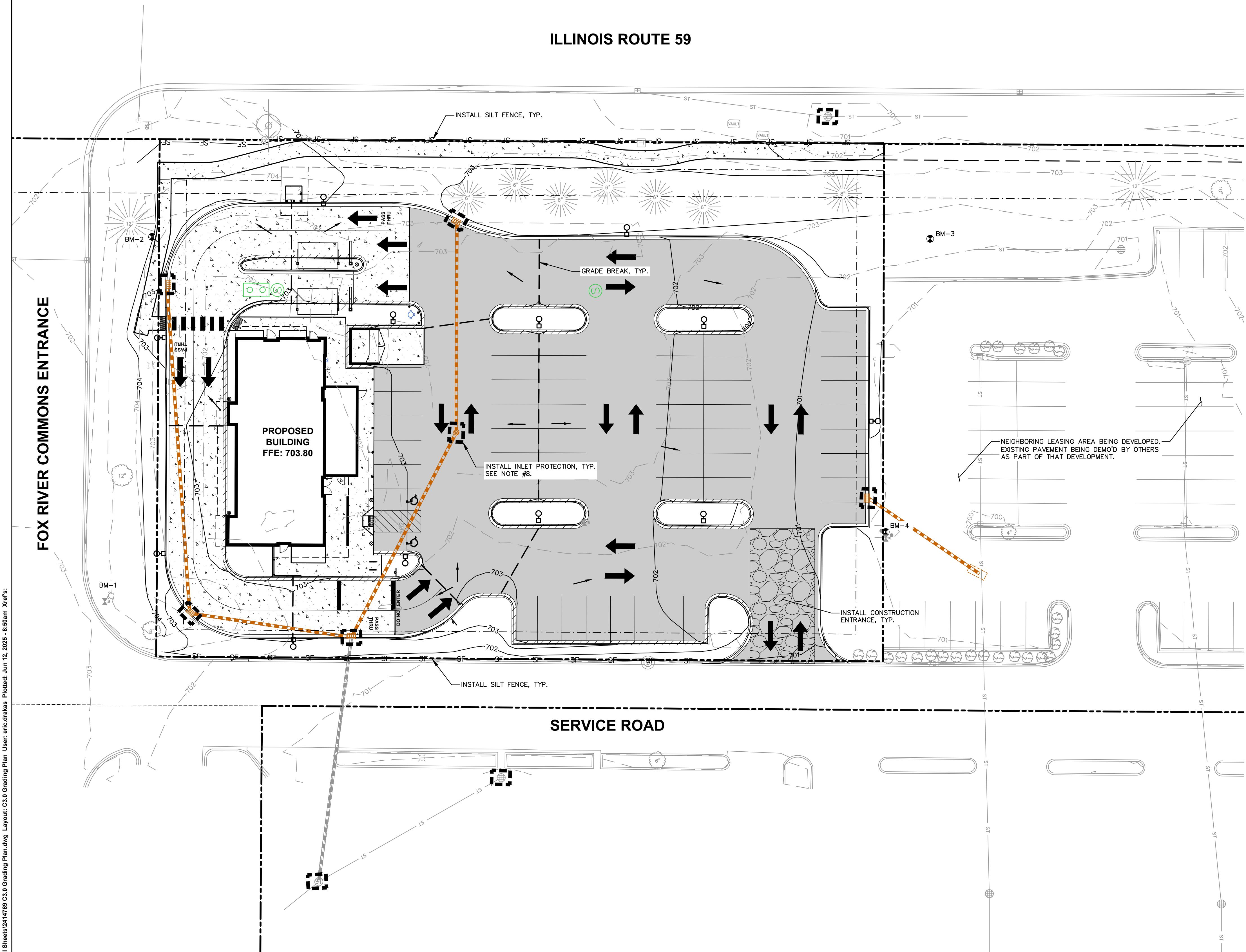
SHEET NUMBER: C2.0  
JSD PROJECT NO: 2414769  
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# ILLINOIS ROUTE 59

## FOX RIVER COMMONS ENTRANCE



## SERVICE ROAD

### LEGEND

PROPERTY LINE
RIGHT-OF-WAY
EASEMENT LINE
BUILDING OUTLINE
BUILDING OVERHANG
EDGE OF PAVEMENT
STANDARD CURB AND GUTTER
REJECT CURB AND GUTTER
ASPHALT PAVEMENT
CONCRETE PAVEMENT
959
960
PROPOSED 1 FOOT CONTOUR
PROPOSED 5 FOOT CONTOUR
EXISTING 1 FOOT CONTOUR
EXISTING 5 FOOT CONTOUR
DRAINAGE DIRECTION
GRADE BREAK
SILT FENCE
CONSTRUCTION ENTRANCE
INLET PROTECTION

### GENERAL NOTES

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- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF THESE IMPROVEMENTS.
- NO SITE GRADING OUTSIDE OR DOWNSLOPE OF PROPOSED SILT FENCE LOCATION. NO LAND DISTURBANCE BEYOND PROPERTY LINES.
- CONTRACTOR TO INSTALL TEMPORARY INLET PROTECTION. ONCE SITE IS STABILIZED, CONTRACTOR TO REMOVE TEMPORARY INLET PROTECTION AND INSTALL PERMANENT FLEXSTORM PURE INLET FILTER IN ALL STORM STRUCTURES. SEE DETAIL ON SHEET C5.3.

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CHICAGO REGIONAL OFFICE  
1400 EAST TOUHY AVENUE, SUITE 215  
DES PLAINES, IL 60018  
P. 312.644.3379

CLIENT:  
**GUZMAN Y GOMEZ**  
**MEXICAN KITCHEN**

CLIENT ADDRESS:  
**795 EAST GOLF ROAD**  
**SCHAUMBURG, IL 60173**

REVIEW DRAWING  
NOT TO BE USED FOR CONSTRUCTION  
DATE OF ISSUE  
05-15-25

PROJECT:  
**GUZMAN Y GOMEZ**  
**MEXICAN KITCHEN**

PROJECT LOCATION:  
**844 ILLINOIS ROUTE 59**  
**NAUPERVILLE, IL**  
**DUPAGE COUNTY**

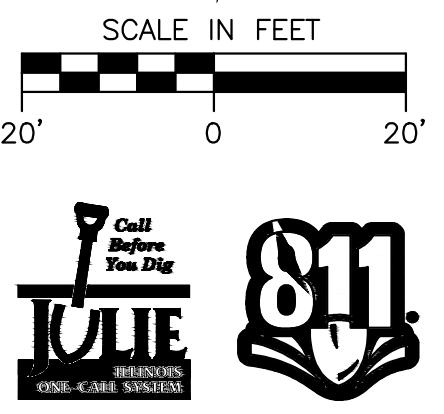
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#	Date:	Description:
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2	05.15.2025	PUD RESUBMISSION
3	06.16.2025	PZC REVIEW & APPROVAL
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Designed By: GW/ED  
Reviewed By: LV/PB  
Approved By: MP

SHEET TITLE:  
**GRADING & EROSION**  
**CONTROL PLAN**

BENCHMARKS		
BENCH MARK	ELEVATION	DESCRIPTION
BM-1	706.41	TOP NUT ON HYDRANT, NORTHWEST CORNER OF ENTRANCE AND FRONTAGE ROAD
BM-2	703.98	No. 6 REBAR WITH PLASTIC JSO CAP, SOUTHWEST CORNER OF SITE
BM-3	702.22	No. 6 REBAR WITH PLASTIC JSO CAP, NORTHWEST CORNER OF SITE
BM-4	704.01	TOP NUT ON HYDRANT IN PARKING LOT

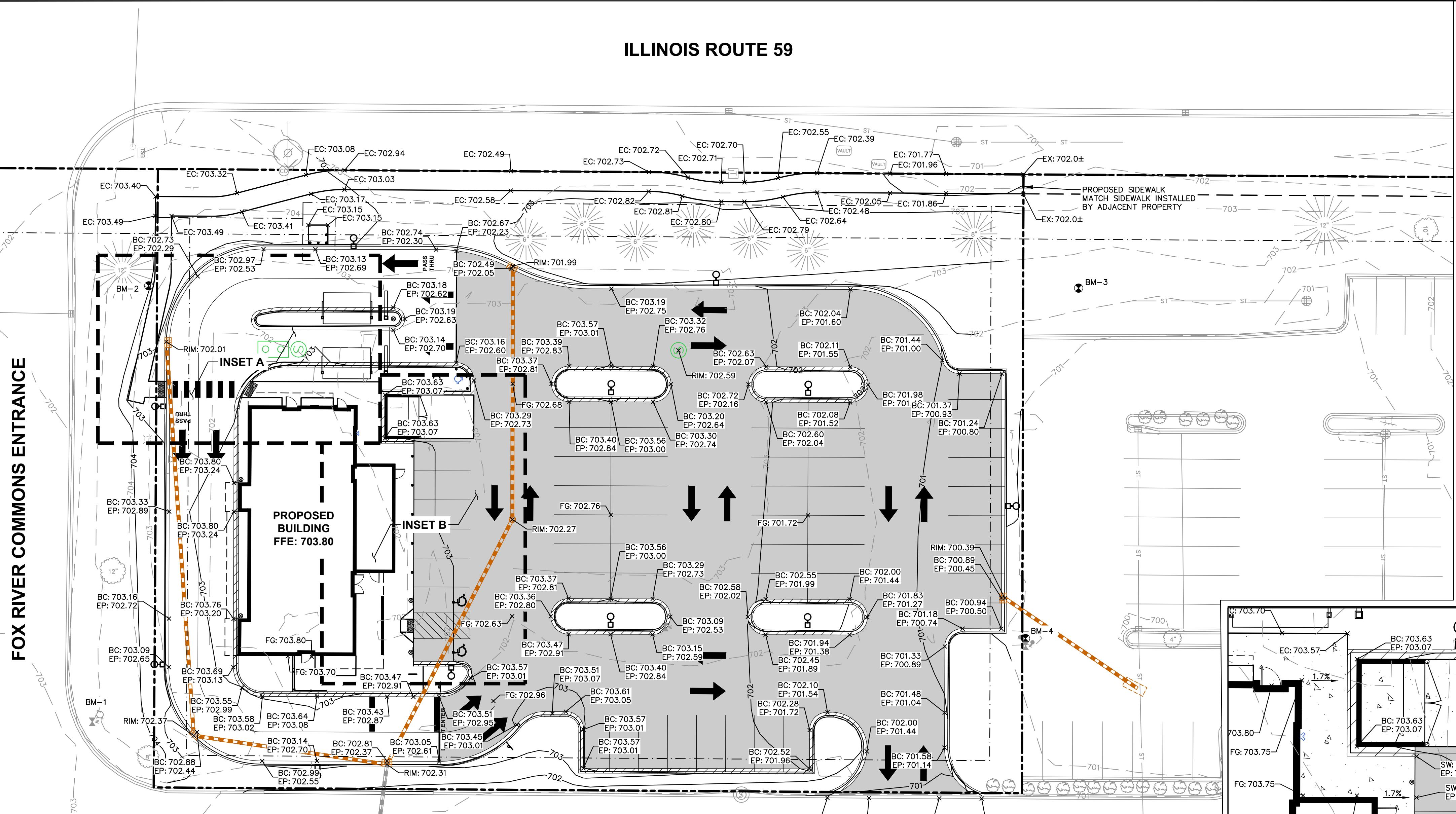
\*JSD PROFESSIONAL SERVICES, INC. DOES NOT GUARANTEE THAT THE BENCHMARK ELEVATIONS LISTED ON THIS MAP HAVE NOT BEEN DISTURBED SINCE THE DATE OF THIS SURVEY AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION ACTIVITIES.



SHEET NUMBER:  
**C3.0**  
JSD PROJECT NO:  
2414769

# ILLINOIS ROUTE 59

## FOX RIVER COMMONS ENTRANCE



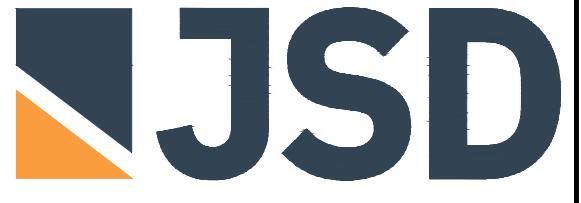
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BENCHMARKS		
BENCH MARK	ELEVATION	DESCRIPTION
BM-1	706.41	TOP NUT ON HYDRANT, NORTHWEST CORNER OF ENTRANCE AND FRONTAGE ROAD
BM-2	703.98	No. 6 REBAR WITH PLASTIC JSD CAP, SOUTHWEST CORNER OF SITE
BM-3	702.22	No. 6 REBAR WITH PLASTIC JSD CAP, NORTHWEST CORNER OF SITE
BM-4	704.01	TOP NUT ON HYDRANT IN PARKING LOT

JSD PROFESSIONAL SERVICES, INC., DOES NOT GUARANTEE THAT THE BENCHMARK ELEVATIONS LISTED ON THIS MAP HAVE NOT BEEN DISTURBED SINCE THE DATE OF THIS SURVEY AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION ACTIVITIES.

## LEGEND

PROPERTY LINE
RIGHT-OF-WAY
EASEMENT LINE
BUILDING OUTLINE
BUILDING OVERHANG
EDGE OF PAVEMENT
STANDARD CURB AND GUTTER
REJECT CURB AND GUTTER
ASPHALT PAVEMENT
CONCRETE PAVEMENT
959
PROPOSED 1 FOOT CONTOUR
960
PROPOSED 5 FOOT CONTOUR
959
EXISTING 1 FOOT CONTOUR
960
EXISTING 5 FOOT CONTOUR
DRAINAGE DIRECTION
GRADE BREAK
SPOT ELEVATION
EP - EDGE OF PAVEMENT
FG - FINISH GRADE
EC - EDGE OF CONCRETE
BOC - BACK OF CURB
EX - MATCH EXISTING GRADE
SW - SIDEWALK



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CHICAGO REGIONAL OFFICE  
1400 EAST Touhy AVENUE, SUITE 215  
DES PLAINES, IL 60018  
P. 312.644.3379

CLIENT:  
GUZMAN Y GOMEZ  
MEXICAN KITCHEN

CLIENT ADDRESS:  
795 EAST GOLF ROAD  
SCHAUMBURG, IL 60173

## GENERAL NOTES

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## REVIEW DRAWING

NOT TO BE USED FOR CONSTRUCTION  
DATE OF ISSUE  
05-15-25

PROJECT:  
GUZMAN Y GOMEZ  
MEXICAN KITCHEN

PROJECT LOCATION:  
844 ILLINOIS ROUTE 59  
NAPERVILLE, IL  
DUPAGE COUNTY

PLAN MODIFICATIONS:	
#	Date:
1	03.20.2025
2	05.15.2025
3	06.16.2025
4	PUD SUBMITTAL
5	PUD SUBMISSION
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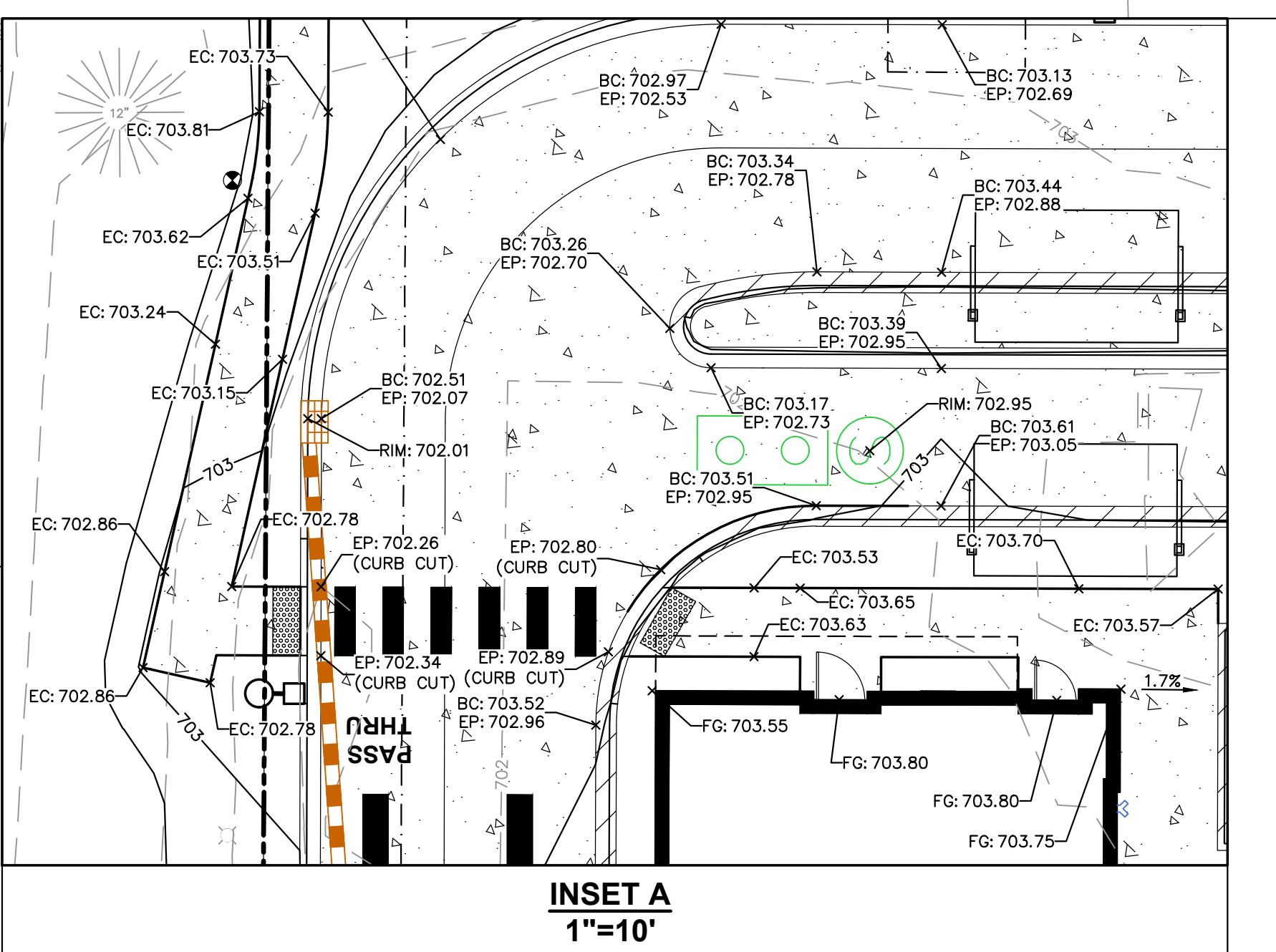
Designed By: GW/ED  
Reviewed By: LV/PB  
Approved By: MP

SHEET TITLE:  
DETAILED GRADING  
PLAN

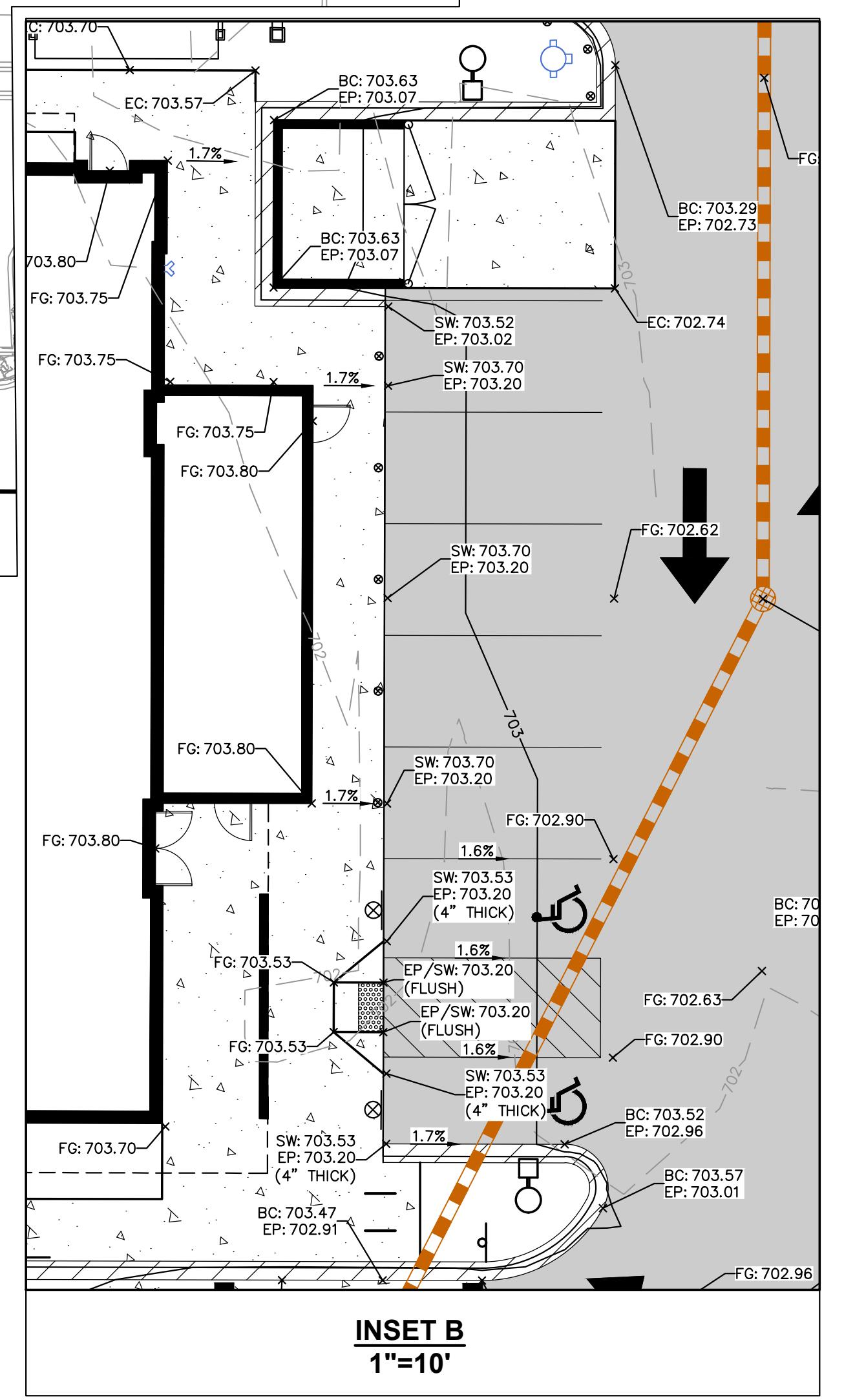
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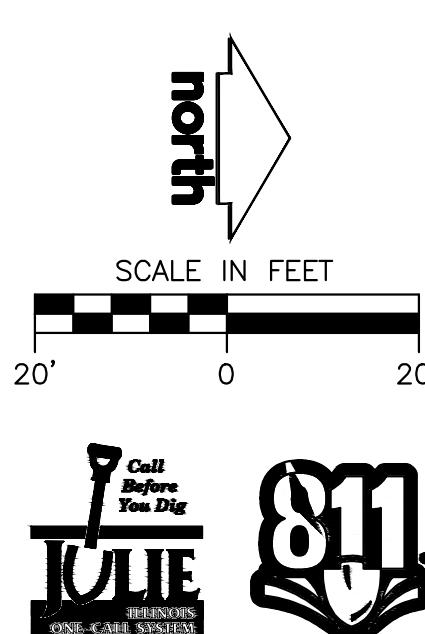
## SERVICE ROAD



INSET A  
1"=10'



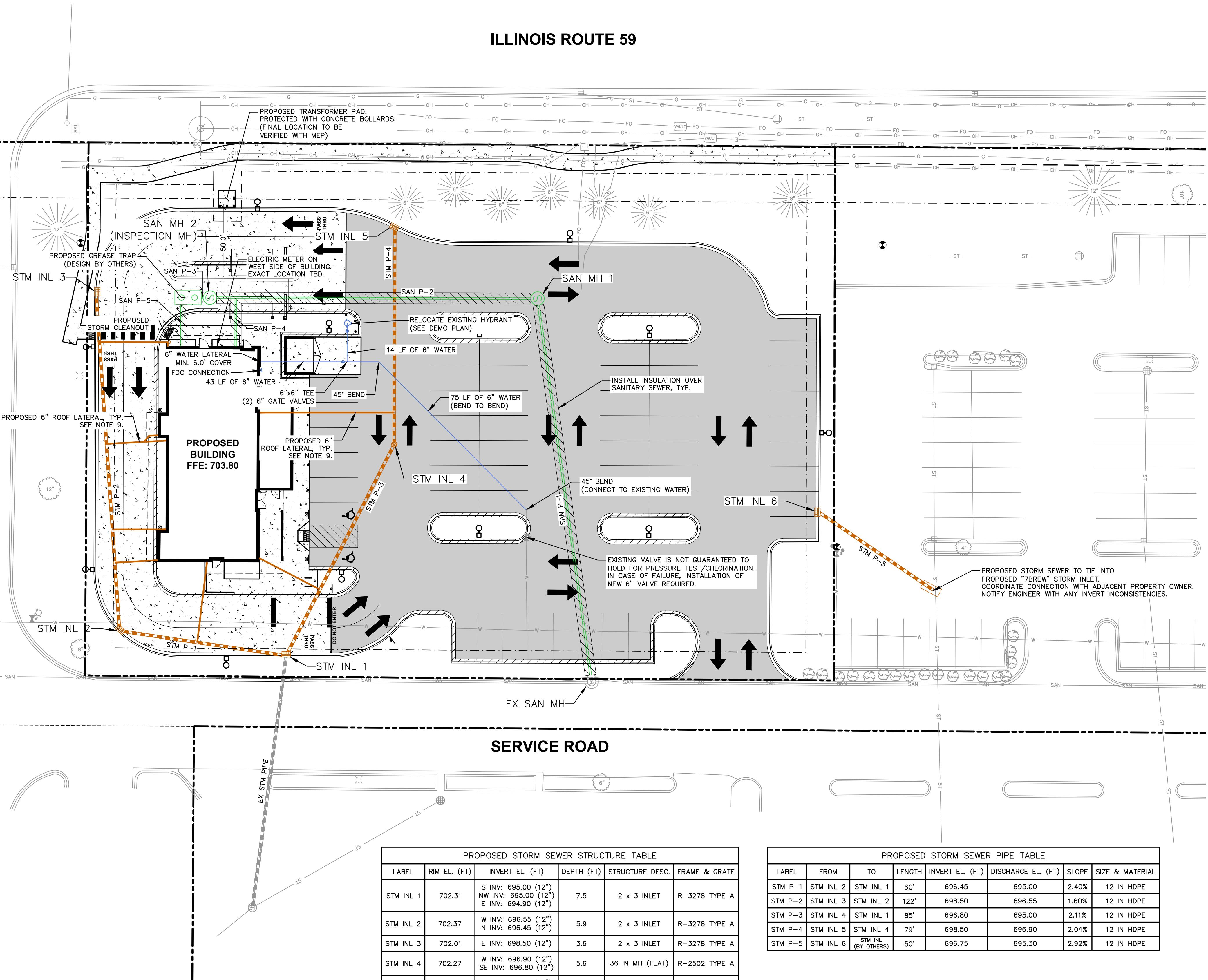
INSET B  
1"=10'



JSD PROJECT NO: 2414769

# ILLINOIS ROUTE 59

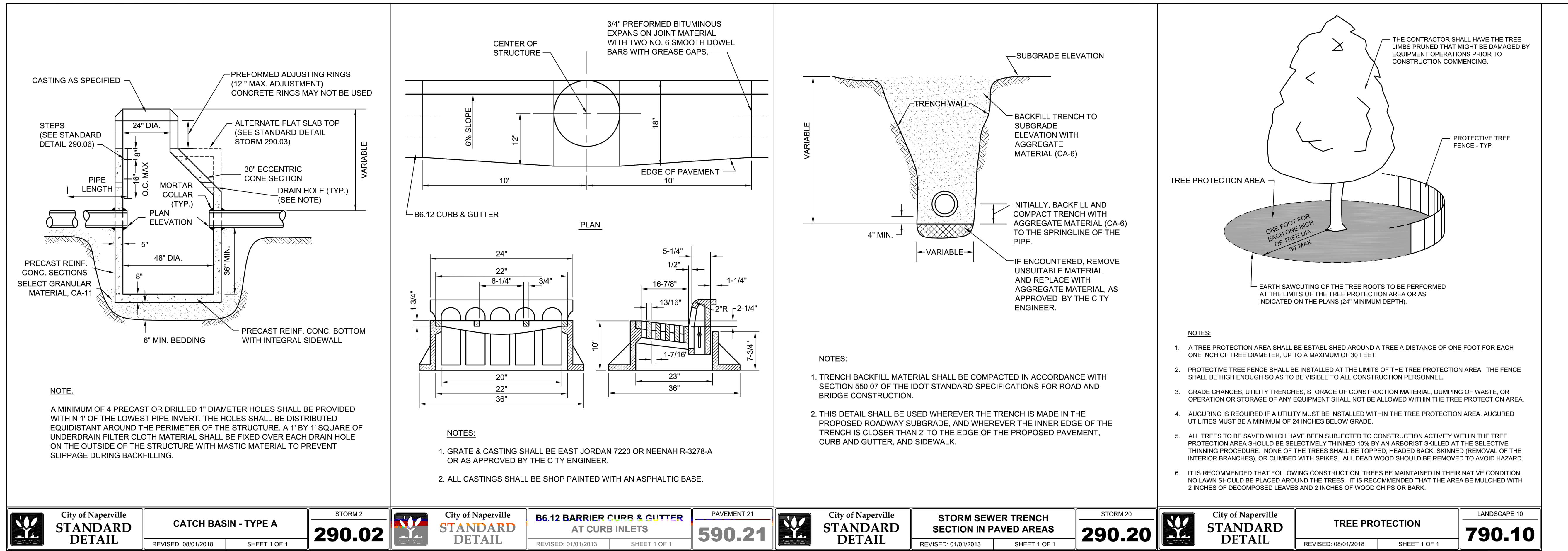
## FOX RIVER COMMONS ENTRANCE



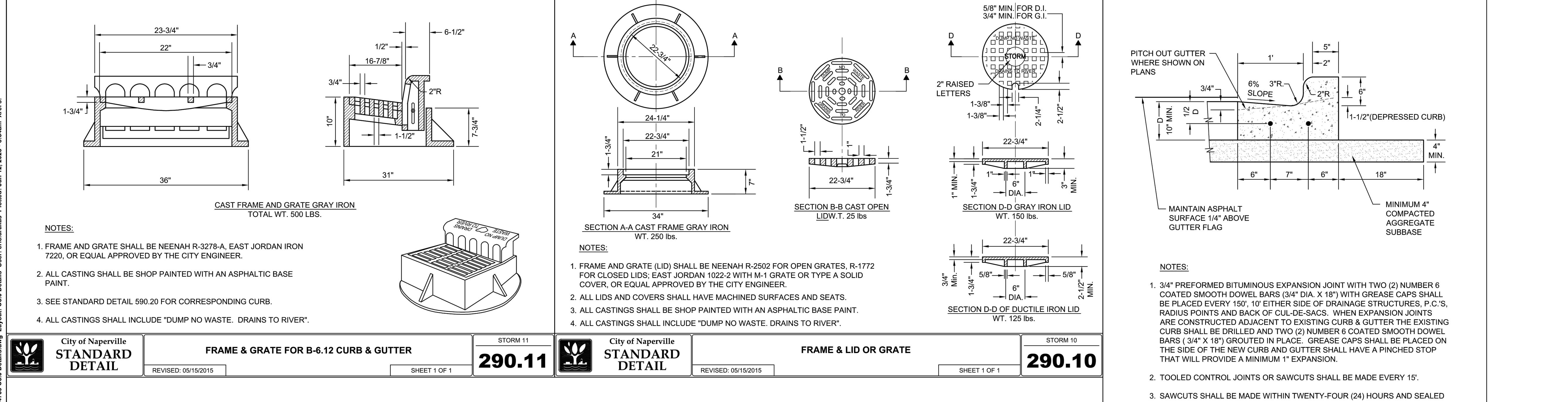
## REVIEW DRAWING

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DATE OF ISSUE 05-15-25



City of Naperville STANDARD DETAIL	CATCH BASIN - TYPE A	STORM 2 290.02	REvised: 08/01/2018	Sheet 1 of 1	City of Naperville STANDARD DETAIL	B6.12 BARRIER CURB & GUTTER AT CURB INLETS	PAVEMENT 21 590.21	REvised: 01/01/2013	Sheet 1 of 1	City of Naperville STANDARD DETAIL	STORM SEWER TRENCH SECTION IN PAVED AREAS	STORM 20 290.20	REvised: 01/01/2013	Sheet 1 of 1	City of Naperville STANDARD DETAIL	TREE PROTECTION	LANDSCAPE 10 790.10	REvised: 08/01/2018	Sheet 1 of 1
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City of Naperville STANDARD DETAIL	FRAME & GRATE FOR B-6.12 CURB & GUTTER	STORM 11 290.11	REvised: 05/15/2015	Sheet 1 of 1	City of Naperville STANDARD DETAIL	FRAME & LID OR GRATE	STORM 10 290.10	REvised: 05/15/2015	Sheet 1 of 1	City of Naperville STANDARD DETAIL	B6.12 BARRIER CURB & GUTTER	PAVEMENT 20 590.20	REvised: 01/01/2013	Sheet 1 of 1
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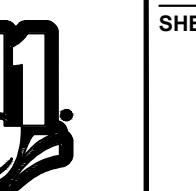
PROJECT:  
GUZMAN Y GOMEZ  
MEXICAN KITCHEN

PROJECT LOCATION:  
844 ILLINOIS ROUTE 59  
NAPERVILLE, IL  
DUPAGE COUNTY

PLAN MODIFICATIONS:	
#	Date:
1	03.20.2025
2	PUD SUBMITTAL
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Designed By: GW/ED  
Reviewed By: LV/PB  
Approved By: MP  
SHEET TITLE: DETAILS

SHEET NUMBER: C5.0  
File: JSDINCChicago projects\2024\14769\5.0 Details\dwg\Civil Sheets\2414769 C5.0 Details.dwg Layout: C5.0 Details User: eric.dirkas Plotted: Jun 12, 2025 - 8:44am Xref's: 1 THESE PLANS AND DESIGNS ARE COPYRIGHT PROTECTED AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF JSD PROFESSIONAL SERVICES, INC.


C5.0  
2414769

## REVIEW DRAWING

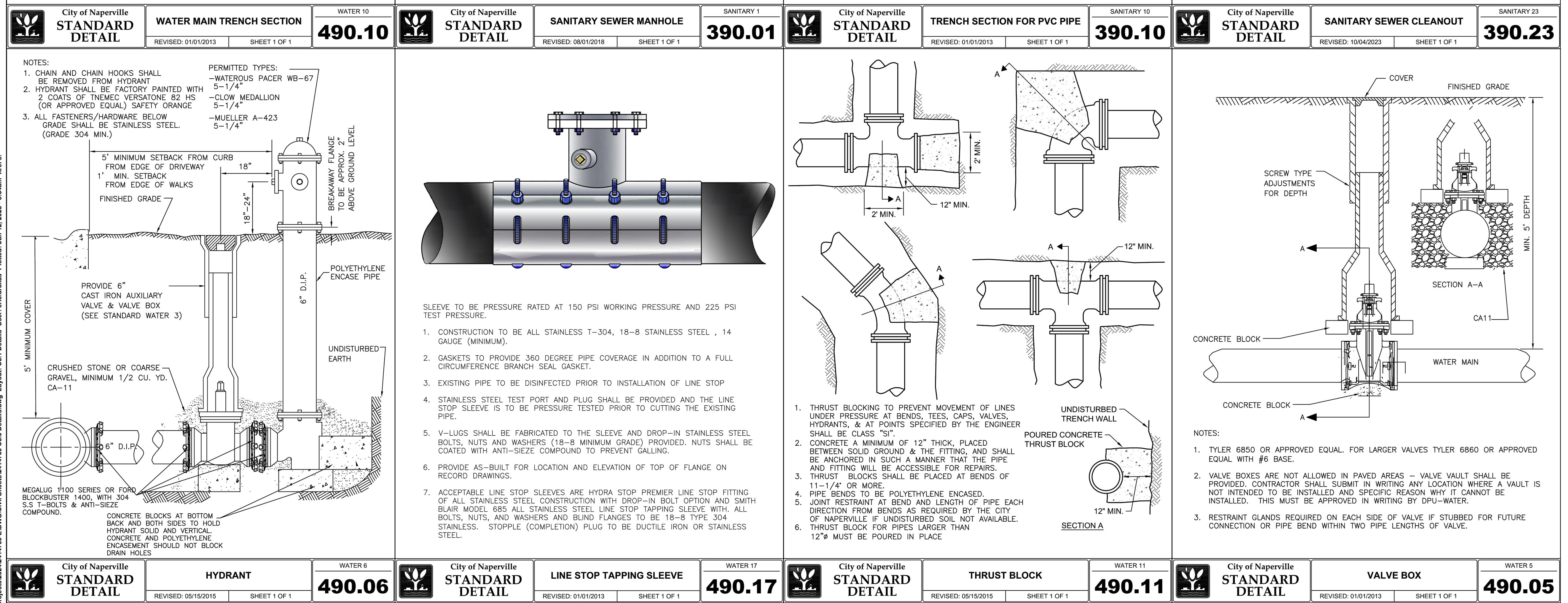
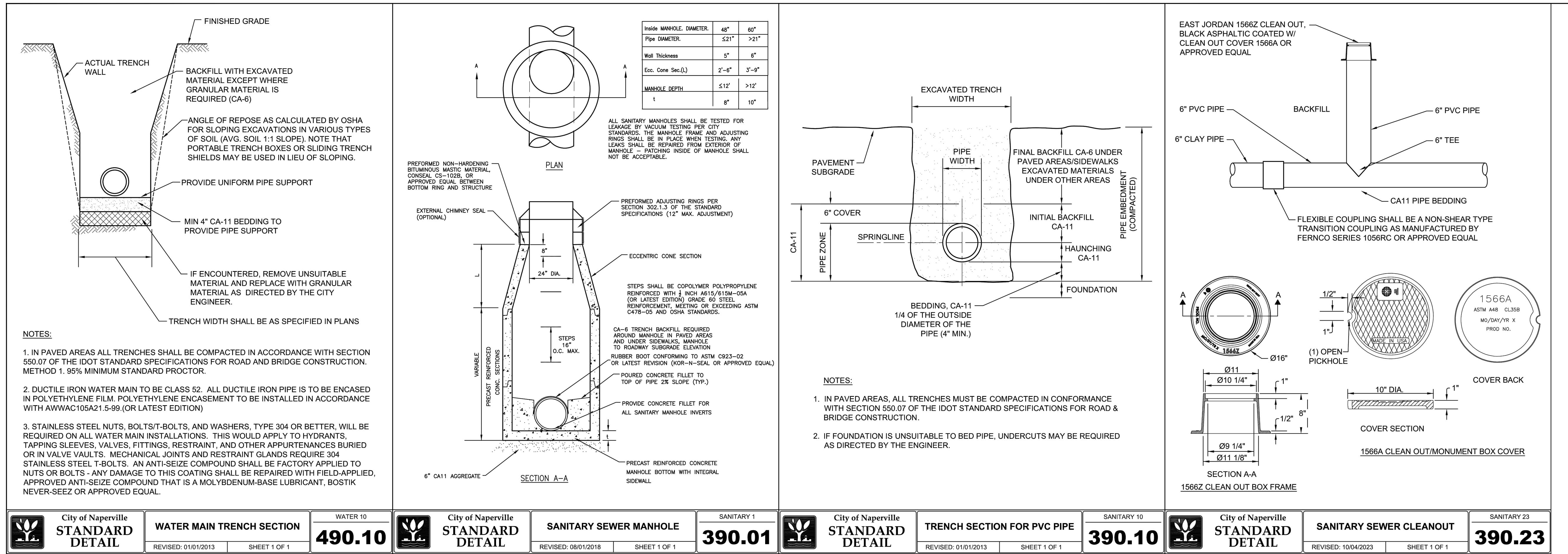
NOT TO BE USED FOR CONSTRUCTION  
DATE OF ISSUE 05-15-25

PROJECT:  
GUZMAN Y GOMEZ  
MEXICAN KITCHEN

PROJECT LOCATION:  
844 ILLINOIS ROUTE 59  
NAPERVILLE, IL  
DUPAGE COUNTY

PLAN MODIFICATIONS:	
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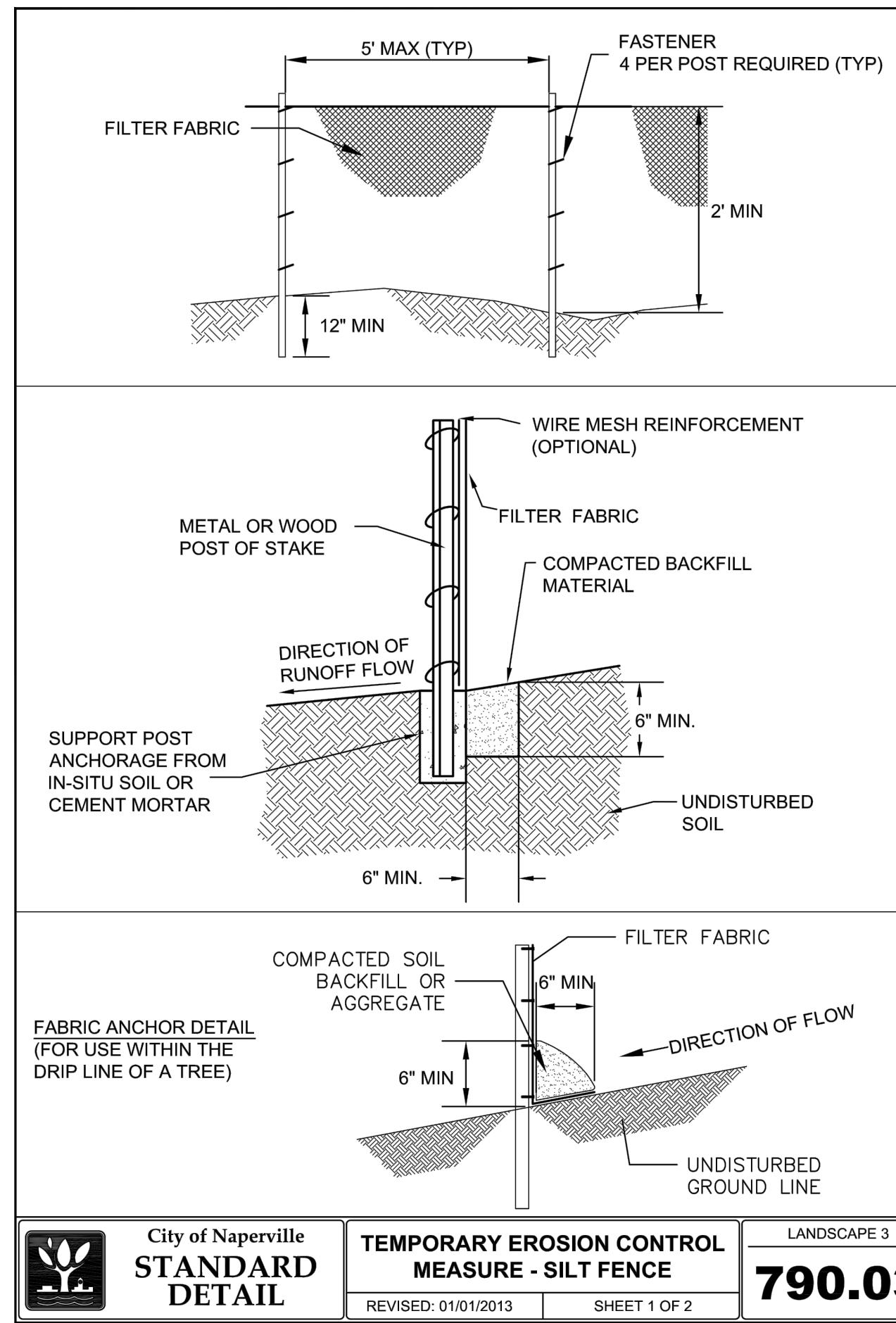
Designed By: GW/ED  
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Approved By: MP

SHEET TITLE:  
DETAILS


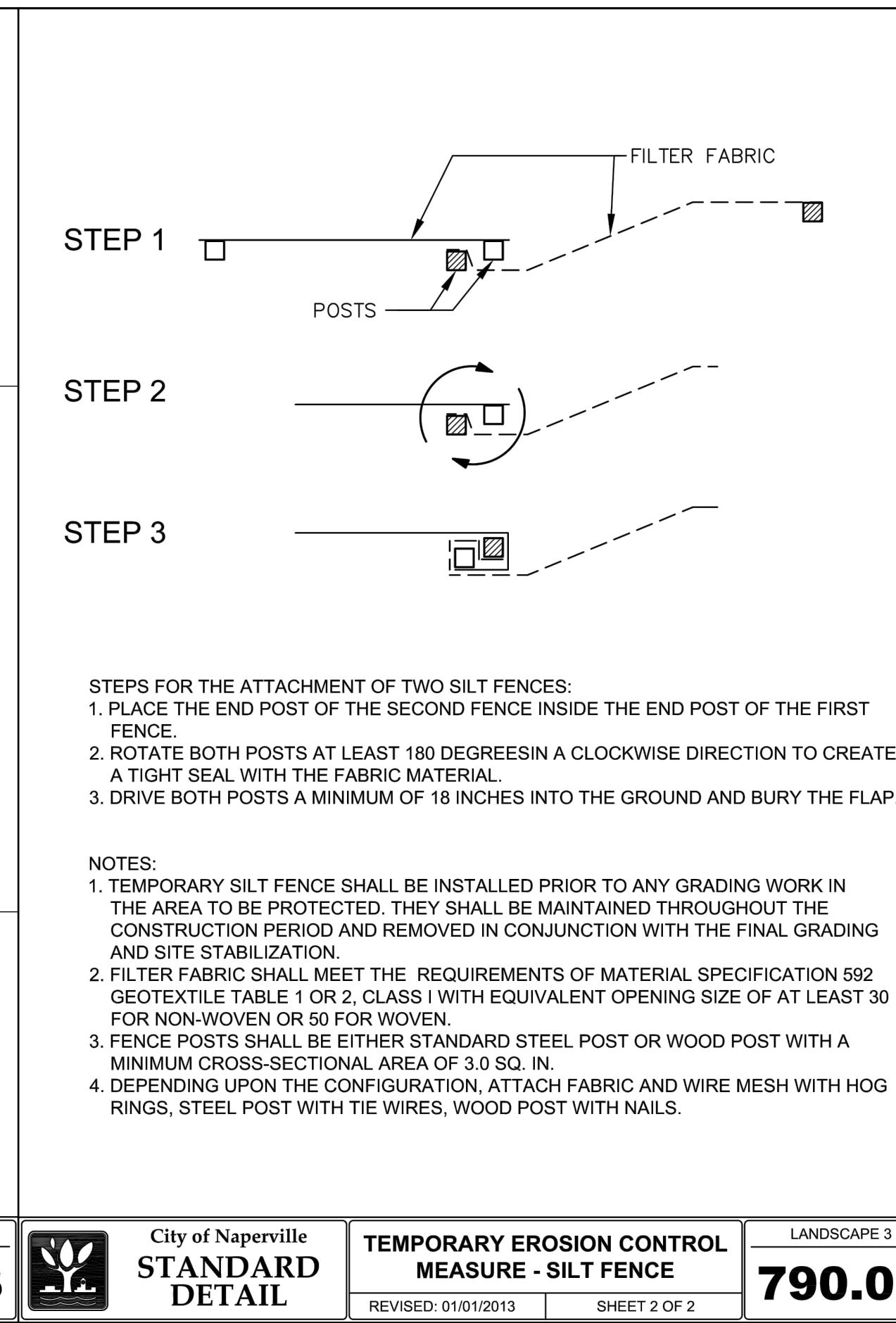
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Designed By: GW/ED  
Reviewed By: LV/PB  
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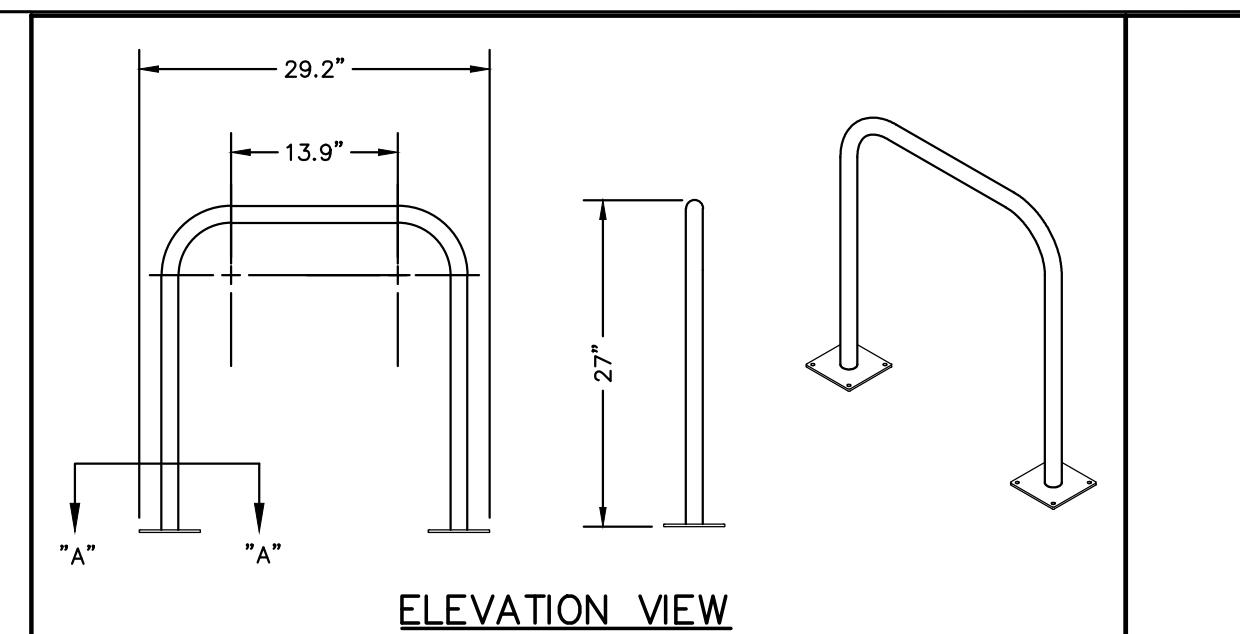
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SHEET NUMBER:  
**C5.2**  
File: JSD INC Chicago project 202414769-EIDWG Civil Sheets 2414769 C5.0 Details.dwg Layout: C5.2 Details.dwg User: eric.draikes Plotted: Jun 12, 2025 - 8:55am Xref's:  
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City of Naperville  
**STANDARD DETAIL**  
TEMPORARY EROSION CONTROL  
MEASURE - SILT FENCE  
REVISED: 01/01/2013 SHEET 1 OF 2 **790.03** LANDSCAPE 3



City of Naperville  
**STANDARD DETAIL**  
TEMPORARY EROSION CONTROL  
MEASURE - SILT FENCE  
REVISED: 01/01/2013 SHEET 2 OF 2 **790.03** LANDSCAPE 3



ELEVATION VIEW  
2X 6" X 6" X .25" SQUARE FLANGE MOUNTING PLATE WITH 4 Ø 5/8" MOUNTING HOLES  
4 1/2" LAG BOLT CONCRETE

SURFACE FLANGE MOUNT (SF)  
SECTION VIEWS

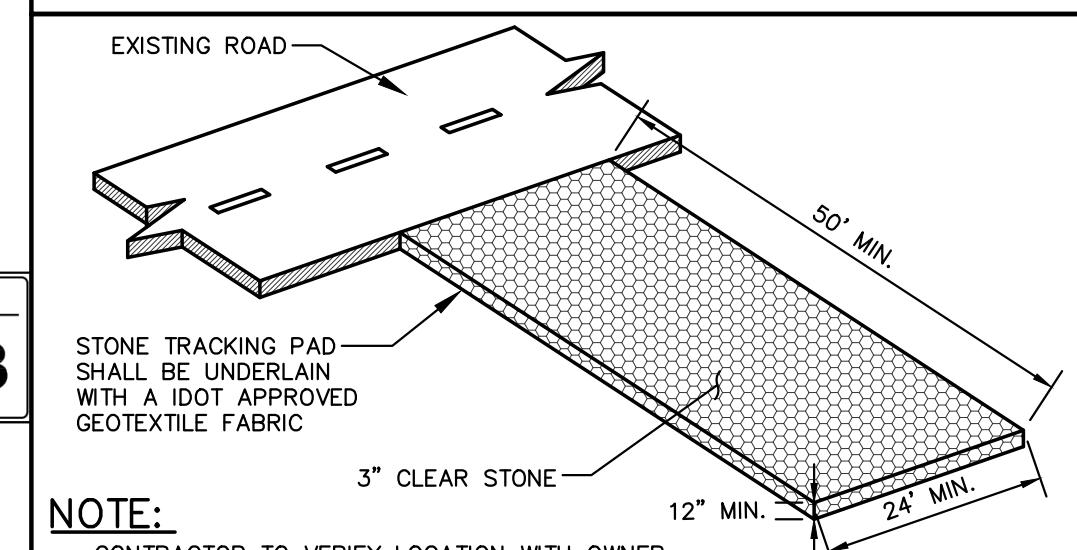
GENERAL NOTES:

- DO NOT SCALE DRAWING.
- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

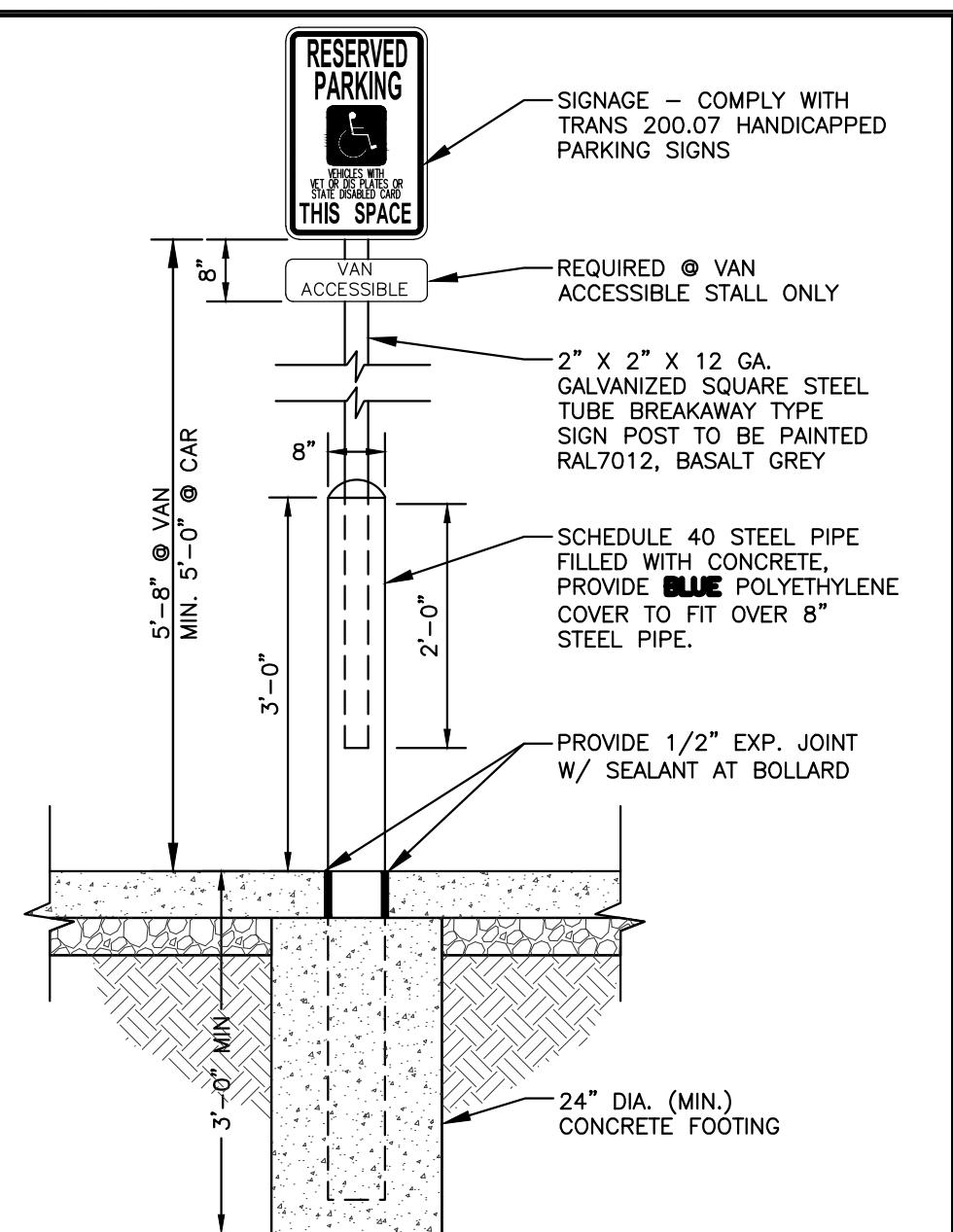
INVERTED-U BIKE RACK

REV. 12-10-2018

N.T.S.



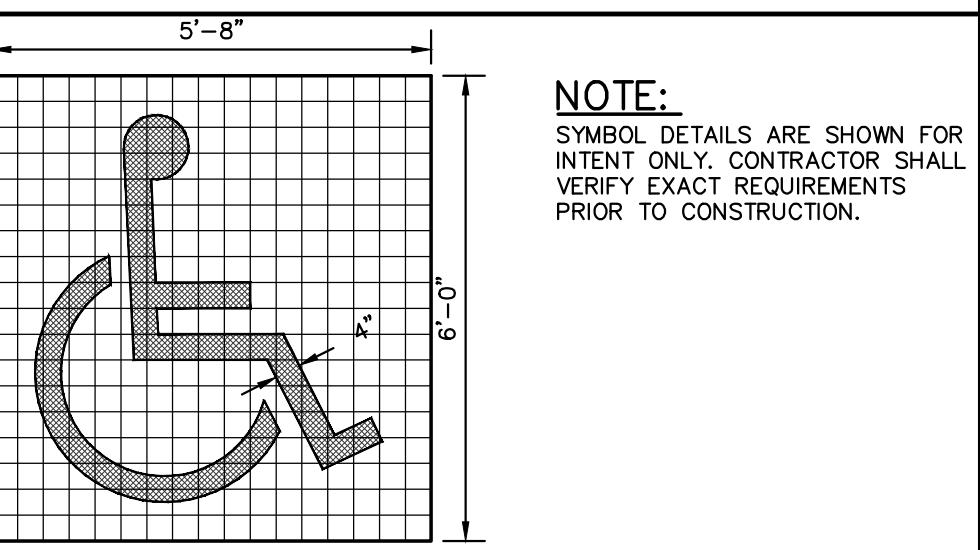
CONSTRUCTION ENTRANCE  
REV. 04-24-2024  
N.T.S.



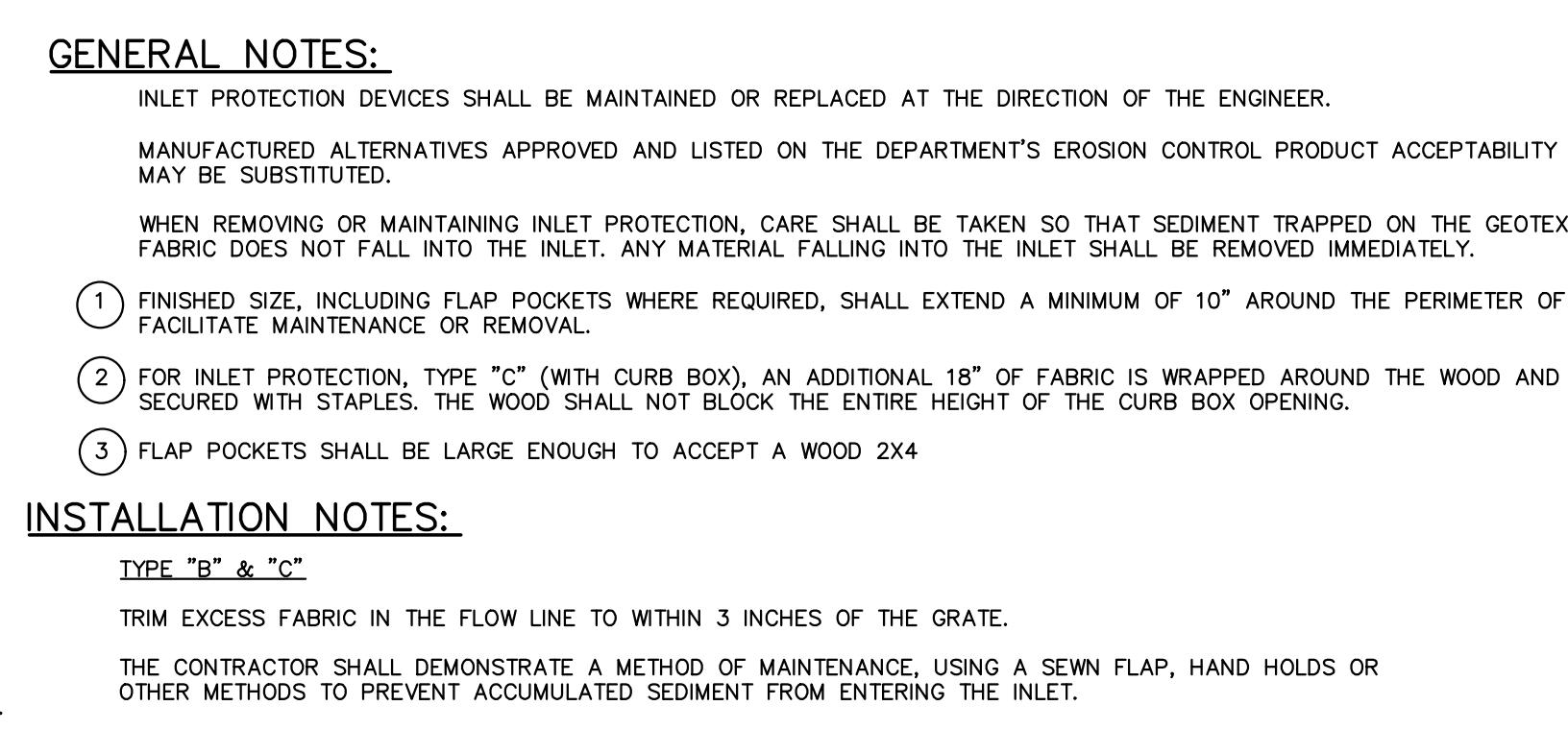
ADA PARKING STALL  
W/ BOLLARD

REV. 7-01-2019

N.T.S.



ADA PARKING STALL MARKING  
REV. 11-20-2018  
N.T.S.

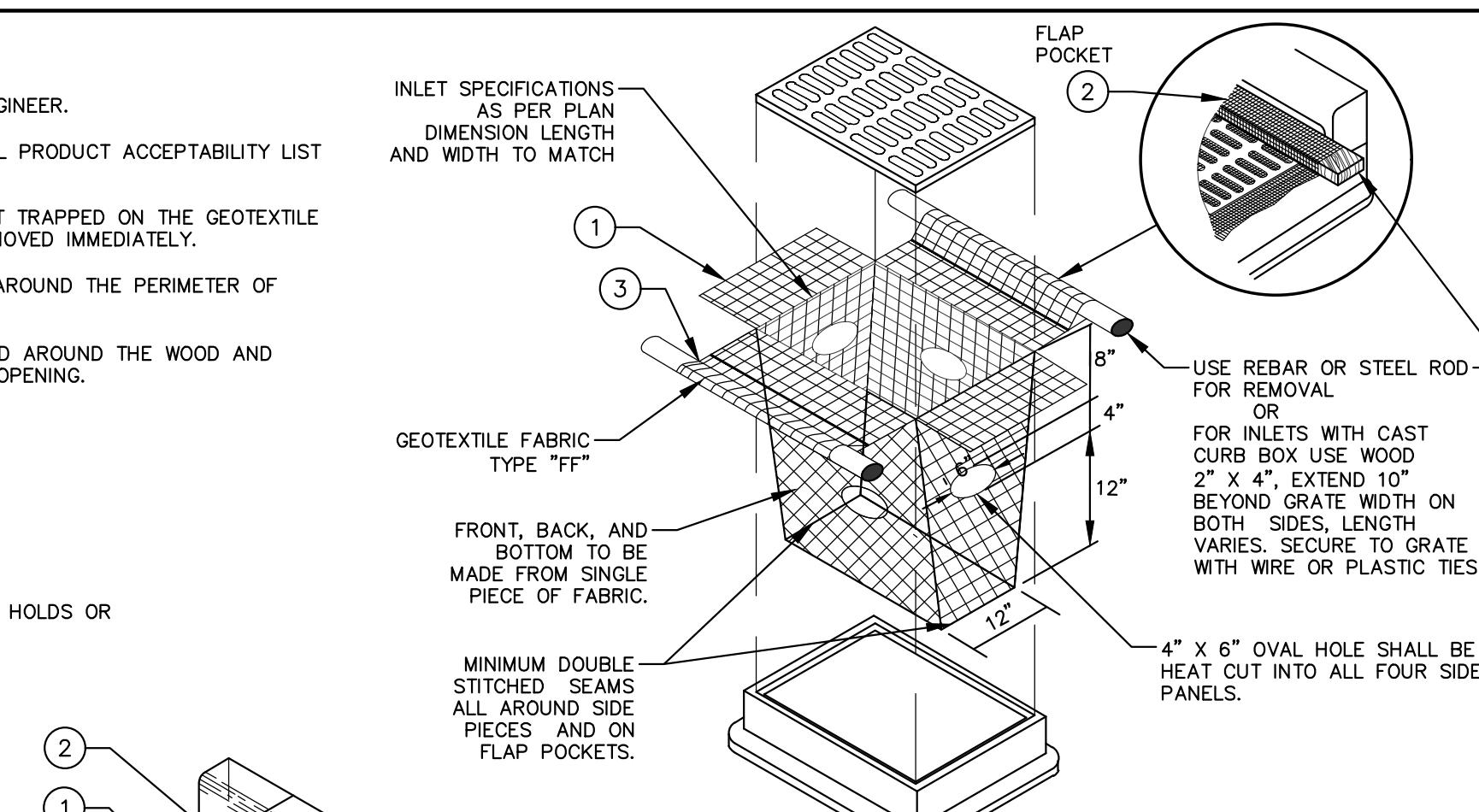


INLET PROTECTION - TYPE  
"B" WITHOUT CURB BOX

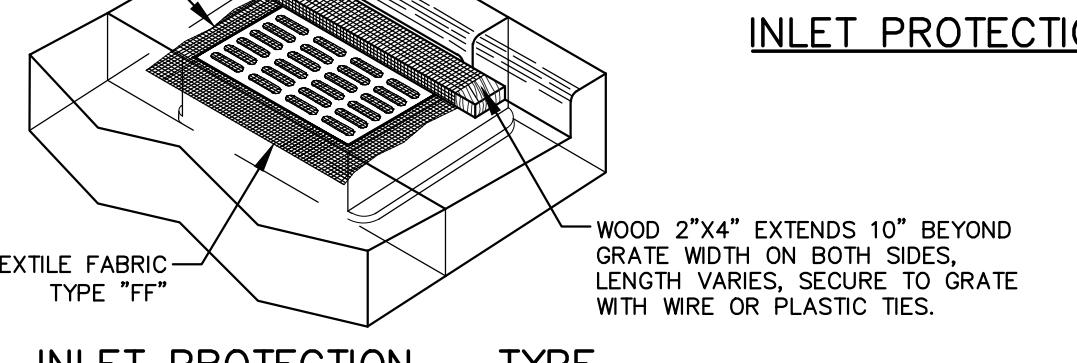
INLET PROTECTION NOTES:  
TYPE "B" & "C"  
TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3 INCHES OF THE GRATE.  
THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHODS TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

INLET PROTECTION NOTES:  
TYPE "D"  
DO NOT INSTALL INLET PROTECTION TYPE "D" IN INLETS SHALLOWER THAN 30 INCHES, MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

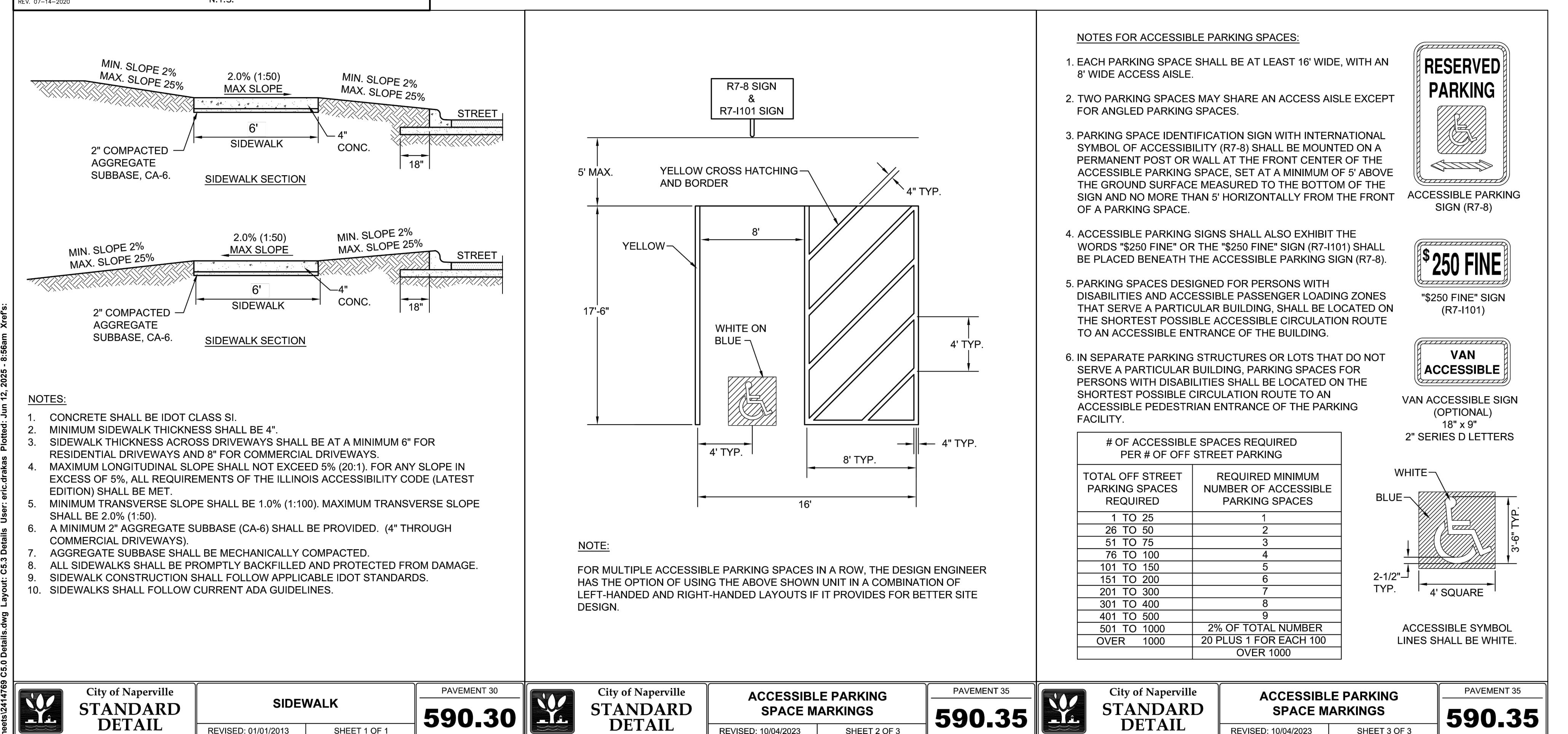
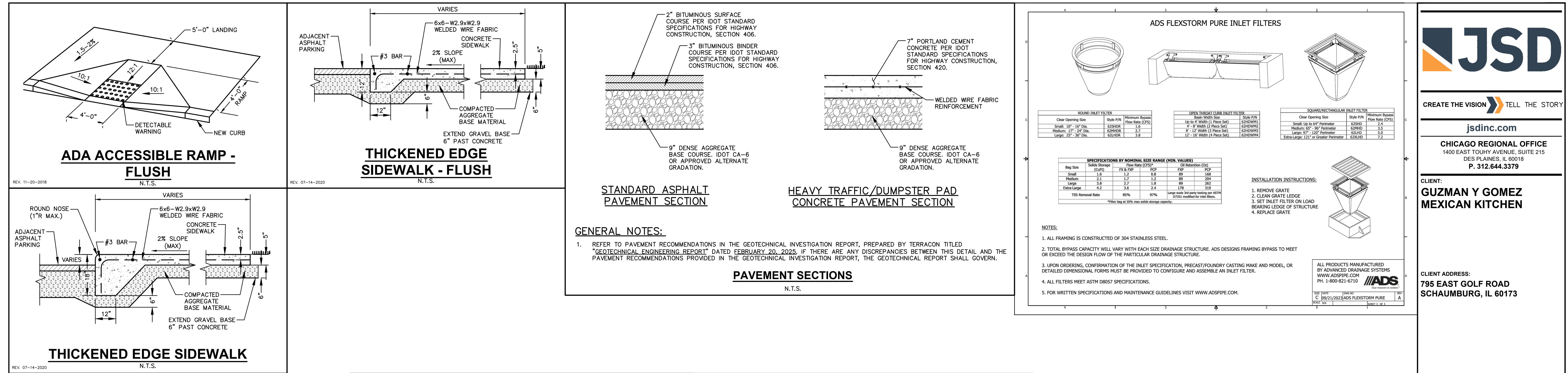
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE GRATE, OF 9 INCHES. WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3 INCHES CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4 INCHES FROM THE BOTTOM OF THE BAG.



INLET PROTECTION - TYPE "D"



INLET PROTECTION - TYPE  
"C" WITH CURB BOX



City of Naperville STANDARD DETAIL	SIDEWALK PAVEMENT 30 590.30	ACCESSIBLE PARKING SPACE MARKINGS PAVEMENT 35 590.35	ACCESSIBLE PARKING SPACE MARKINGS PAVEMENT 35 590.35
REVISED: 01/01/2013 SHEET 1 OF 1		REVISED: 10/04/2023 SHEET 2 OF 3	REVISED: 10/04/2023 SHEET 3 OF 3

