CIVIL LEGENDS

ABBREVIATIONS

BC	BACK OF CURB
CC	STANDARD CATCH CURB
CL	CENTER LINE
CMP	CORRUGATED METAL PIPE
EP	EDGE OF PAVEMENT
EX	EXISTING
FES	FLARED END SECTION
FL	FLOW LINE
GT	GUTTER INVERT
GY	GUY WIRE
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT
LF	LINEAR FEET
MC	MOUNTABLE CURB
R/W	RIGHT-OF-WAY
RCP	REINFORCED CONCRETE PIPE
SC	SPILL CURB
TB	TOP OF BASE ROCK
TC	TOP OF CURB
TG	TOP OF GROUND
TP	TOP OF PAVEMENT
TS	TOP OF SIDEWALK
TW	TOP OF WALL
TGV	TOP OF GRAVEL
EX TP	EXISTING TOP OF PAVEMENT

SYMBOLS

- MARKER STONE
- RIGHT OF WAY MARKER
- IRON PIN FOUND
- IRON PIN SET
- CUT CROSS
- CONTROL POINT
- BENCHMARK
- SANITARY SEWER MANHOLE
- STORM SEWER INLET
- TELEPHONE MANHOLE
- POWER POLE
- GUY ANCHOR
- LIGHT POLE
- TELEPHONE RISER
- GAS VALVE
- GAS METER
- WATER VALVE
- WATER METER
- FIRE HYDRANT
- IRRIGATION VALVE
- WELL
- MAIL BOX
- POST
- CLEANOUT
- SIGN
- AIR CONDITIONING UNIT

LINETYPES

- PL — PROPERTY LINE
- RW — RIGHT OF WAY LINE
- S — SANITARY SEWER LINE
- FM — SANITARY SEWER FORCE MAIN
- ST — STORM SEWER LINE
- IRR — IRRIGATION WATER LINE
- FL — FLOW LINE
- OHE — OVERHEAD ELECTRIC LINE
- UE — UNDERGROUND ELECTRIC LINE
- G — GAS LINE
- W — WATER LINE
- C — COMMUNICATIONS LINE
- T — TELEPHONE LINE
- FO — FIBER OPTIC LINE
- CTV — CABLE TELEVISION
- O — CHAIN LINK FENCE
- X — BARBED WIRE FENCE
- WOOD FENCE
- 1000 — EXISTING MAJOR CONTOUR
- 1001 — EXISTING MINOR CONTOUR
- 1000 — PROPOSED MAJOR CONTOUR
- 1001 — PROPOSED MINOR CONTOUR
- TREE LINE

PROJECT CONTROL

BENCHMARKS

BEARING BASIS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE NSRS, (FEET) BASED ON THE 2011 ADJUSTMENT OF NSRS11 SYSTEM. VERTICAL DATA IS BASED ON NAVD88 DATUM.

REFERENCE: BERNSTEIN MONUMENT IN 6" PVC PIPE WITH BMAC 6 ALUMINUM ACCESS COVER NORTH SIDE OF OGDEN AVENUE AT ENTRANCE TO OGDEN MALL OPPOSITE GERALD SUBARU. (CITY OF NAPERVILLE BENCHMARK #703) ELEV = 780.31 (NAVD88).

SURVEY NOTES:

THE BOUNDARY LINES SHOWN HEREON ARE BASED ON A SURVEY PERFORMED NOV 17, 2023 BY DOUGLAS R. MCCLINTIC, ILLINOIS LICENSED PROFESSIONAL LAND SURVEYOR NO. 2992 AND IS NOT A PRODUCT OF TOTH & ASSOCIATES.

CONTROL POINT TABLE

POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM 1	1868230.884	1041837.221	770.234	IRON PIN
BM 2	1867852.577	1041372.480	767.794	IRON PIN SE CORNER
BM 3	1867801.326	1041311.048	766.674	IRON PIN SW CORNER
BM 4	1867852.577	1041260.015	776.141	CROSS CUT NE CORNER
BM 5	1867989.015	1041154.404	772.538	CROSS CUT NW CORNER
BM 5	1867991.194	1041156.435	773.149	CROSS CUT

FLOOD PLAIN INFORMATION:

FEMA PANEL #: 17043C0161J - EFFECTIVE DATE: 08/01/2019
FEMA ZONE - X: THE SUBJECT PROPERTY IS NOT WITHIN THE 100 YEAR FLOOD ZONE

OWNER/DEVELOPER:

DEVELOPER: WHO BREW LLC
NAME: LAURA KARET
ADDRESS: 100 POWELL PLACE # 1230 NASHVILLE, TN

WHO BREW — DRIVE-THRU CREW

DRAWING INDEX

GENERAL CIVIL NOTES

1. THE GENERAL NOTES ON THE DRAWINGS ARE INTENDED TO SUPPLEMENT THE GENERAL CONDITIONS AND TECHNICAL SPECIFICATIONS. WHEN THE NOTES ON THE DRAWINGS CONFLICT WITH THE TECHNICAL REQUIREMENTS OUTLINED IN THE SPECIFICATIONS, THE MORE STRINGENT CRITERIA WILL GOVERN.
2. CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THESE DRAWINGS, THE PROJECT TECHNICAL SPECIFICATIONS, AND THE APPLICABLE STANDARDS AND SPECIFICATIONS OF THE LOCAL AUTHORITY, UNLESS OTHERWISE NOTED.
3. ALL TRAFFIC CONTROL SHALL BE IN CONFORMANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). DURING CONSTRUCTION, ACCESS SHALL BE MAINTAINED FOR EMERGENCY VEHICLES AND LOCAL TRAFFIC. THE FIRE, POLICE AND AMBULANCE DEPARTMENTS, SCHOOL BUS COMPANIES AND POST OFFICE ARE TO BE NOTIFIED 48 HOURS PRIOR TO ANY ROAD CLOSINGS.
4. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL UTILITIES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL THE STATE'S UTILITY LOCATE PHONE NUMBER AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES. DURING CONSTRUCTION CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UTILITIES WHERE CONFLICTS MIGHT OCCUR WITH PROPOSED UTILITIES OR GRADING ACTIVITIES. IF A CONFLICT BECOMES APPARENT THE CONTRACTOR SHALL CONTACT ENGINEER FOR DIRECTION. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE UTILITY COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION BEING PERFORMED.
5. EXISTING UNDERGROUND UTILITIES IN THE VICINITY OF THE WORK TO BE DONE ARE INDICATED ON THE DRAWINGS ONLY TO THE EXTENT SUCH INFORMATION HAS BEEN MADE AVAILABLE OR DISCOVERED BY THE ENGINEER IN PREPARATION OF THE DRAWINGS. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES, INCLUDING SERVICE CONNECTIONS, IN ADVANCE OF CONSTRUCTION ACTIVITIES BY CONTACTING THE OWNERS THEREOF AND BY PROSPECTING. THE CONTRACTOR SHALL IMMEDIATELY INFORM THE OWNER AND ENGINEER IN WRITING OF ANY DISCREPANCIES WITH THE PLAN INFORMATION. ALL DAMAGE TO EXISTING UTILITIES, INCLUDING SERVICE CONNECTIONS, SHALL BE REPAIRED BY AND AT THE EXPENSE OF THE CONTRACTOR.
6. THE CONTRACTOR SHALL NOT CHANGE OR DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE OWNER AND ENGINEER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND OWNER WILL PAY ALL FEES AS REQUIRED BY PERMITS FOR THIS CONSTRUCTION.
8. ALL WORK WITHIN ROAD RIGHT OF WAY SHALL CONFORM TO EITHER THE LOCAL JURISDICTION OR THE STATE DEPARTMENT OF TRANSPORTATION REQUIREMENTS; WHICH EVER IS APPLICABLE.
9. ALL TRENCHES CROSSING THROUGH PAVED AREAS OR AREAS TO BE PAVED SHALL BE BACKFILLED FULL DEPTH WITH COMPACTED CRUSHED STONE MATERIAL AS PER PROJECT DETAILS AND SPECIFICATIONS.
10. ALL WORK AND MATERIALS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE OWNER OR THE OWNER'S REPRESENTATIVE.
11. ANY ESTIMATES OF QUANTITIES ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR AND SUBCONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL QUANTITIES. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS SHOWN ON PLANS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE PUBLIC STREETS IN THE VICINITY OF THE JOB CLEAN AND FREE OF ROCKS, SOIL AND DEBRIS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF THE RIGHT OF WAY AND FOR DAMAGED IMPROVEMENTS SUCH AS CURBS, SIDEWALKS, STREET LIGHT AND TRAFFIC SIGNAL JUNCTION BOXES, TRAFFIC SIGNAL LOOP WIRING, SIGNAL POLES AND ETC. DAMAGED IMPROVEMENTS SHALL BE REPAIRED IN CONFORMANCE WITH THE LATEST CITY AND STATE REGULATIONS AND TO THEIR SATISFACTION.
14. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL EROSION AND SILTATION DURING ALL PHASES OF CONSTRUCTION AS OUTLINED IN THE EROSION CONTROL PLAN AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). IF APPLICABLE. EROSION CONTROL PROCEDURES SHALL BE IN PLACE PRIOR TO GRADING ACTIVITIES.
15. THE CONTRACTOR SHALL CLEAN OUT ALL INLETS, PIPES AND MANHOLES OF DEBRIS AND SEDIMENTATION AT THE COMPLETION OF SITE WORK. THIS WORK SHALL BE DONE TO THE SATISFACTION OF THE OWNER AND LOCAL JURISDICTION.
16. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL PROPERTY CORNERS. ANY PROPERTY CORNERS DISTURBED OR DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE RESET BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE IN WHICH THE PROJECT IS LOCATED, AT THE CONTRACTOR'S EXPENSE.
17. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVED PLANS, AND ONE (1) COPY OF THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE SITE AT ALL TIMES.
18. THE CONTRACTOR IS OBLIGATED TO INSPECT FOR EXISTING CONDITIONS AND/OR INSTALLATIONS AND AVAILABLE INFORMATION PRIOR TO SUBMITTING A BID. NO EXTRA COSTS WILL BE PAID TO THE CONTRACTOR DUE TO UNANTICIPATED EXISTING CONDITIONS AND/OR INSTALLATIONS. ANY DELAY, ADDITIONAL WORK, FEES OR EXTRA COST TO THE CONTRACTOR CAUSED BY OR RESULTING FROM DAMAGE TO OR MODIFICATION OF EXISTING INSTALLATIONS BY THE CONTRACTOR OR AFFECTED UTILITY COMPANY SHALL NOT CONSTITUTE A CLAIM FOR EXTRA WORK, ADDITIONAL PAYMENT OR DAMAGES.

DEMOLITION NOTES

JOB CONDITIONS

1. THE OWNER ASSUMES NO RESPONSIBILITY FOR THE ACTUAL CONDITION OF ANY STRUCTURES TO BE DEMOLISHED.
2. ITEMS OF SALVAGEABLE VALUE TO THE CONTRACTOR MAY BE REMOVED FROM THE PROJECT SITE AT THE APPROVAL OF THE OWNER. TRANSPORT THE SALVAGED ITEMS FROM THE SITE AS THEY ARE REMOVED.
3. THE USE OF EXPLOSIVES WILL NOT BE PERMITTED ON THIS PROJECT.
4. THE CONTRACTOR SHALL CONDUCT THE DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
5. THE CONTRACTOR SHALL INSURE SAFE PASSAGE OF PERSONS AROUND THE DEMOLITION AREA. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDING STRUCTURES AND OTHER FACILITIES THAT ARE TO REMAIN; AND INJURY TO PERSONS.
6. PROVIDE INTERNAL AND EXTERNAL SHORING, BRACING OR SUPPORT TO PREVENT MOVEMENT, SETTLEMENT OR COLLAPSE OF ANY STRUCTURES TO BE DEMOLISHED AND ANY ADJACENT FACILITIES TO REMAIN.
7. MAINTAIN EXISTING UTILITIES INDICATED TO STAY IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. DISCONNECT ALL UTILITIES SERVING ANY STRUCTURES TO BE DEMOLISHED, PRIOR TO START OF DEMOLITION WORK.

DEMOLITION

1. POLLUTION CONTROLS: USE WATER SPRINKLING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN AIR. COMPLY WITH GOVERNMENT REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
2. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITIONS AS THEY EXIST PRIOR TO START OF WORK.
3. BREAK UP AND REMOVE CONCRETE SLABS ON GRADE, UNLESS OTHERWISE SHOWN TO REMAIN.
4. BELOW-GRADE CONSTRUCTION: DEMOLISH FOUNDATION WALLS AND OTHER BELOW GRADE CONSTRUCTION, INCLUDING CONCRETE SLABS, TO A DEPTH OF NOT LESS THAN 12" BELOW THE LOWEST FOUNDATION LEVEL.
5. FILLING VOIDS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION AS OUTLINED BELOW.
6. USE SATISFACTORY SOIL MATERIALS AS DEFINED IN THE GEOTECHNICAL ENGINEERING REPORT, IF AVAILABLE, CONSISTING OF STONE, GRAVEL AND SAND, FREE FROM DEBRIS, TRASH, FROZEN MATERIALS, ROOTS AND OTHER ORGANIC MATTER.
7. PRIOR TO PLACEMENT OF FILL MATERIAL, ENSURE THAT AREAS TO BE FILLED ARE FREE OF STANDING WATER, FROST OR FROZEN MATERIAL, TRASH AND DEBRIS.
8. PLACE FILL MATERIAL IN HORIZONTAL LAYERS AT DEPTHS AND MOISTURE CONTENTS AS RECOMMENDED BY THE GEOTECHNICAL ENGINEERING REPORT, IF AVAILABLE.
9. AFTER FILL PLACEMENT AND COMPACTION, GRADE THE SURFACE TO MEET ADJACENT CONTOURS AND TO PROVIDE FLOW TO SURFACE STRUCTURES.
10. ALL TREES INDICATED TO BE REMOVED SHALL BE REMOVED IN ACCORDANCE WITH THE STATE PARKS AND WILDLIFE'S WILD HABITAT ASSESSMENT PROGRAM FOR THE SITE PER PROJECT SPECIFICATIONS. TREES ON THE SITE MAY BE SAFELY REMOVED FROM NOVEMBER 1 THROUGH MARCH 31. IF ANY TREES NEED TO BE REMOVED OUTSIDE OF THIS TIMEFRAME, CONTRACTOR SHALL FOLLOW BEST PRACTICES AS PRESCRIBED BY THE US FISH AND WILDLIFE SERVICE TO PRESERVE THE HABITAT OF ANY ENDANGERED SPECIES POTENTIALLY PRESENT ON SITE.

DISPOSAL OF DEMOLISHED MATERIALS

1. REMOVE FROM SITE ACCUMULATED VEGETATION, DEBRIS, RUBBISH AND OTHER MATERIAL RESULTING FROM THE DEMOLITION OPERATION.
2. BURNING OF COMBUSTIBLE MATERIALS FROM DEMOLISHED STRUCTURES AND VEGETATION WILL NOT BE PERMITTED ON SITE.
3. REMOVAL: TRANSPORT MATERIALS REMOVED FROM DEMOLISHED STRUCTURES, VEGETATION, PAVEMENT AND BASE ROCK AND LEGALLY DISPOSE OFF SITE.

PROTECTION OF EXISTING STRUCTURES AND VEGETATION

1. CONTRACTOR SHALL INSTALL 6' STEEL FENCE POSTS, DRIVEN 18" INTO THE GROUND, AT 10' ON CENTER AT TREE DRIP LINES AND INSTALL 4" TENAX ORANGE WARNING BARRIER, OR EQUAL, ATTACHED AS RECOMMENDED BY THE MANUFACTURER, TO PROTECT EXISTING TREES DURING CONSTRUCTION. CONTRACTOR SHALL REMOVE POSTS AND FENCE FABRIC AFTER ALL CONSTRUCTION IS COMPLETE.

SEDIMENT & EROSION CONTROL NOTES

1. THE EROSION CONTROL PLAN SHOWS THE LOCATION AND DETAILS FOR PRIMARY EROSION CONTROLS TO BE CONSTRUCTED. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING EROSION AND DISCHARGE OF SEDIMENT FROM THE SITE AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE NECESSARY MEASURES DURING ALL PHASES OF HIS OPERATIONS REGARDLESS OF WHETHER THEY ARE SPECIFICALLY NOTED ON THE EROSION CONTROL PLAN AND SHALL MAINTAIN AND REPLACE CONTROLS AS NECESSARY DURING THE COURSE OF HIS OPERATIONS.
2. INITIAL SEDIMENT CONTROLS SHOWN ON THE EROSION CONTROL PLAN MUST BE INSTALLED PRIOR TO ANY OTHER WORK.
3. THE CONTRACTOR SHALL CLEAN ALL STREETS BOTH INTERIOR AND ADJACENT TO THE SITE, AS NEEDED AFTER EACH RAINFALL AND AT THE END OF CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST DURING CONSTRUCTION AND SHALL WATER CONSTRUCTION AREAS WHENEVER CONDITIONS WARRANT.
5. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING SILT FROM STORM DRAINS, INLETS, CULVERTS, ETC. PRIOR TO APPROVAL OF CONSTRUCTION.
6. ALL DISTURBED AREAS NOT RECEIVING OTHER PERMANENT STABILIZATION SUCH AS PAVEMENT, ROOFS, SOD AND ETC., SHALL BE SEEDED AND MULCHED, AS PER THE PROJECT SPECIFICATIONS BEFORE TEMPORARY SEDIMENT CONTROLS CAN BE REMOVED AND PRIOR TO FINAL APPROVAL OF CONSTRUCTION.
7. IF APPLICABLE THE CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS AS PUT FORTH IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE SWPPP SHALL BE CONSIDERED AS A STARTING POINT FOR SEDIMENT AND EROSION CONTROLS AND THE CONTRACTOR WILL BE RESPONSIBLE FOR REVISING AND UPDATING EROSION CONTROLS AS SITE CONDITIONS CHANGE DURING THE COURSE OF CONSTRUCTION.

UTILITY CONSTRUCTION NOTES

1. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL UTILITIES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL THE STATE'S UTILITY LOCATE PHONE NUMBER AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING UTILITY CONSTRUCTION ACTIVITIES. DURING CONSTRUCTION CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UTILITIES WHERE CONFLICTS MIGHT OCCUR WITH PROPOSED UTILITIES. IF A CONFLICT BECOMES APPARENT THE CONTRACTOR SHALL CONTACT ENGINEER FOR DIRECTION. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE UTILITY COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION BEING PERFORMED.
2. ALL TRENCHES CROSSING PAVED AREAS OR AREAS TO BE PAVED SHALL BE BACKFILLED FULL DEPTH WITH COMPACTED BEDDING MATERIAL IN CONFORMANCE WITH PROJECT DETAILS AND SPECIFICATIONS.
3. ALL UTILITY CONSTRUCTION AND MATERIALS SHALL BE IN CONFORMANCE WITH CITY AND LOCAL FIRE DEPARTMENT REQUIREMENTS AND STANDARD PLANS AND SPECIFICATIONS.
4. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS NOT OBTAINED BY THE OWNER.
5. INSTALL TRACER WIRE WITH ALL SANITARY SEWER AND POTABLE WATER UTILITIES AS REQUIRED. CONNECT TRACER WIRE TO EXISTING TRACER WIRE AND STUB UP END OF THE TRACER WIRE AT THE ENDS OF RUNS IN ACCORDANCE WITH UTILITY OWNER'S SPECIFICATIONS.
6. ALL HDPE PIPE, JOINTS AND FITTINGS SHALL BE ADS N-12 OR EQUAL. INSTALL PER MANUFACTURER'S SPECIFICATIONS..
7. COORDINATE THE INSTALLATION OF THE STORM SEWER WITH THE INSTALLATION OF THE POTABLE WATER, COMMUNICATION, ELECTRIC AND SANITARY SEWER TO AVOID CONFLICTS.
8. EARTHWORK SHALL BE PLACED TO FINISH GRADE IN THE IMMEDIATE AREA OF UTILITIES PRIOR TO CONSTRUCTION OF UTILITIES TO INSURE PROPER DEPTH OF COVER FOR UTILITIES.
9. ALL MATERIALS TO BE SUPPLIED AND LABOR TO BE DONE BY CONTRACTOR SHALL BE COMPLETED AS A PART OF THIS WORK, UNLESS STATED OTHERWISE.
10. ALL UTILITY SERVICE LINES SHALL BE KEPT IN SERVICE AND PROTECTED DURING CONSTRUCTION OPERATIONS. THE DRAWINGS INDICATE THE LOCATION OF KNOWN EXISTING UTILITY SERVICE LINES AS COULD BE DETERMINED.
11. ANY RELOCATION OF UTILITY SERVICE LINES THAT ARE REQUIRED TO COMPLETE THE PROJECT IS TO BE COMPLETED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND IS TO CONSIDERED SUBSIDIARY TO OTHER PROJECT COSTS.
12. ALL WATER, SEWER, FIBER OPTIC CABLE, GAS SERVICE AND OTHER UTILITY REQUIREMENTS SHALL BE COORDINATED WITH THE APPROPRIATE LOCAL UTILITY PROVIDERS PRIOR TO INSTALLATION. ALL COSTS ASSOCIATED WITH THE WATER, SEWER, FIBER OPTIC CABLE, GAS SERVICE ENTRANCE AND OTHER UTILITY REQUIREMENTS SHALL BE BORNE BY THE CONTRACTOR, INCLUDING THOSE COSTS, IF ANY, FROM THE LOCAL UTILITY PROVIDERS AND INCLUDE ALL COSTS ASSOCIATED WITH WORK PERFORMED BY THE LOCAL UTILITY PROVIDERS AND CONNECTION FEES INTO THEIR BID.

SITE GRADING NOTES

1. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL UTILITIES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL THE STATE'S UTILITY LOCATE PHONE NUMBER AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING SITE GRADING ACTIVITIES. DURING GRADING ACTIVITIES THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UTILITIES WHERE CONFLICTS MIGHT OCCUR. IF A CONFLICT BECOMES APPARENT THE CONTRACTOR SHALL CONTACT ENGINEER FOR DIRECTION. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE UTILITY COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION BEING PERFORMED.
2. CONTRACTOR SHALL USE CAUTION AROUND ALL EXISTING UTILITIES LOCATED ON SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIRS OF SUCH STRUCTURES WHEN BROKEN OR OTHERWISE DAMAGED BY CONSTRUCTION.
3. SEDIMENT AND EROSION CONTROLS IN CONFORMANCE WITH THE EROSION CONTROL PLAN AND THE APPLICABLE SPECIFICATIONS SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF SITE GRADING ACTIVITIES.
4. CONTRACTOR SHALL STRIP THE TOPSOIL FROM ALL AREAS TO BE DISTURBED AND STOCKPILE IT IN A LOCATION CHOSEN BY THE OWNER PRIOR TO BEGINNING SITE GRADING. OWNER SHALL BE CONTACTED TO DETERMINE WHAT SHALL BE DONE WITH EXCESS TOPSOIL. PROPER DRAINAGE OF THE STOCKPILES SHALL BE MAINTAINED.
5. THE SUBGRADE FOR THE PROJECT SITE SHALL BE COMPACTED TO 95% STANDARD PROCTOR AS DETERMINED BY ASTM-D698. COMPACTION SHALL BE ACCOMPLISHED AT MOISTURE CONTENTS AS SPECIFIED IN THE GEOTECHNICAL ENGINEER'S REPORT. ALL SOFT AREAS FOUND DURING COMPACTION SHALL BE REMEDIATED IN CONFORMANCE WITH THE GEOTECHNICAL ENGINEERING REPORT, IF AVAILABLE.
6. STONES OR BOULDERS MEASURING GREATER THAN 12" IN ANY DIMENSION SHALL NOT BE PLACED IN THE UPPER 3 FEET OF THE FILL. IN STUMP HOLES, AROUND PIPE AND STRUCTURES AND IN OTHER RESTRICTED AREAS WHERE IT IS NOT PRACTICAL TO USE A ROLLER, THE MATERIAL SHALL BE COMPACTED BY HAND.
7. CONTRACTOR IS RESPONSIBLE FOR ADDRESSING AND CORRECTING UNSUITABLE SOIL CONDITIONS RELATED TO WET SOILS AND OTHER CONDITIONS. THE UNSUITABLE CONDITIONS MUST BE CORRECTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT, IF AVAILABLE, TO MEET PROJECT NEEDS.
8. CONTRACTOR SHALL NOTIFY THE OWNERS OR THEIR REPRESENTATIVE FOR INSPECTION PRIOR TO PLACEMENT OF CRUSHED STONE BASE AND ALSO PRIOR TO PLACEMENT OF PAVEMENT MATERIALS.
9. THE CONTOURS, SPOT ELEVATIONS AND BUILDING FLOOR ELEVATIONS SHOWN ARE TO FINISH GRADE FOR SURFACE OF PAVEMENT, TOP OF SIDEWALKS AND CURBS, TOP OF FLOOR SLABS ETC. REFER TO TYPICAL SECTIONS FOR PAVING, SLAB AND AGGREGATE BASE THICKNESS TO DEDUCT FOR GRADING LINE ELEVATIONS.
10. CONTRACTOR SHALL FINISH GRADE EARTH SLOPES AS SHOWN TO NO STEEPER THAN 1 FOOT VERTICAL TO 3 FEET HORIZONTAL.
11. CONTRACTOR SHALL GRADE LANDSCAPED AREAS AT A MINIMUM OF 1% TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND SIDEWALKS WHEN FINISH LANDSCAPE MATERIALS ARE IN PLACE.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL EARTHWORK QUANTITIES. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS AS SHOWN ON THE PLANS. NO EXTRA PAYMENT WILL BE MADE FOR OBTAINING FILL MATERIAL FROM OFF-SITE AREAS REQUIRED TO CONSTRUCT FILL TO THE LINES AND GRADES INDICATED ON THE DRAWINGS.
13. NO CLASSIFICATION OF EXCAVATED MATERIALS WILL BE MADE UNLESS OTHERWISE SPECIFIED IN THE PROJECT DOCUMENTS. EXCAVATION WORK SHALL INCLUDE THE REMOVAL AND SUBSEQUENT HANDLING OF ALL MATERIALS EXCAVATED OR OTHERWISE REMOVED FOR THE PERFORMANCE OF THE WORK, REGARDLESS OF TYPE, CHARACTER, COMPOSITION OR CONDITION THEREOF. NO ADDITIONAL PAYMENT WILL BE MADE FOR ROCK EXCAVATIONS UNLESS OTHERWISE SPECIFIED IN THE PROJECT DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING THE AMOUNT OF ROCK EXCAVATION, IF ANY, TO BE INCLUDED IN HIS BID.
14. ALL DISTURBED AREAS, NOT RECEIVING PERMANENT STABILIZATION, SHALL HAVE 4" OF TOPSOIL REPLACED, TO LEAVE A SMOOTH SEEDBED SUITABLE TO RECEIVE SEED. SURFACE ROCK 1-1/2" OR GREATER IN ANY DIMENSION SHALL BE REMOVED FROM ALL FINISH GRADED AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SEEDING WORK.
15. THE CONTRACTOR SHALL GRADE ALL AREAS DISTURBED DURING THE COMPLETION OF THIS PROJECT TO PREVENT PONDING OR EROSION ON THIS SITE OR ADJACENT UNDISTURBED AREAS.
16. ALL ITEMS REMOVED SHALL BE DISPOSED OFF SITE BY THE CONTRACTOR IN ACCORDANCE WITH REQUIREMENTS OF LOCAL AUTHORITIES.
17. PRIOR TO MOVING OFF THE PROJECT SITE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO MAKE A FINAL REVIEW OF THE CONSTRUCTION SITE.
18. IN THE EVENT THAT BLASTING IS PERMITTED ON THE PROJECT, THE CONTRACTOR SHALL COMPLY WITH ALL LAWS, ORDINANCES, APPLICABLE SAFETY CODE REQUIREMENTS AND REGULATIONS RELATIVE TO THE HANDLING, STORAGE AND USE OF EXPLOSIVES AND THE PROTECTION OF LIFE AND PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED BY HIS BLASTING OPERATIONS.

SAFETY NOTICE TO CONTRACTOR

1. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
2. THE DUTY OF THE ENGINEER OR OWNER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE.

UTILITY DISCLAIMER

1. INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

USE OF CONSTRUCTION DOCUMENTS

1. DRAWINGS AND SPECIFICATIONS ARE PROVIDED AS A SERVICE. DRAWINGS AND SPECIFICATIONS ARE NOT INTENDED FOR USE ON OTHER PROJECTS AT THIS SITE OR OTHER SITES WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
2. DRAWING REPRODUCTION AND SCALING MAY ALTER THE INDICATED GRAPHIC SCALES.

SEVEN 73 BREW COFFEE DRIVE THRU

MATTHEW STEVEN MILLER 062.065164 — 3/1/2024

ENGINEER OF RECORD:
NAME: MATTHEW MILLER
LICENSE NO. IL# 062-065164

PROJECT NUMBER:
104 001

REVISION:
⚠ 03-01-2024 CITY REVIEW COMMENTS

7 BREW COFFEE
NAPERVILLE, IL
1203 IROQUOIS AVENUE
NAPERVILLE, IL 60563

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GENERAL NOTES
C0.1
DATE: 03/01/2024

GENERAL NOTES - CITY OF NAPERVILLE

1. THE OWNER OR THEIR REPRESENTATIVE IS RESPONSIBLE TO OBTAIN ANY AND ALL PERMITS REQUIRED BY APPLICABLE GOVERNMENTAL AGENCIES.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF NAPERVILLE DESIGN MANUAL AND STANDARD SPECIFICATIONS (CURRENT ADDITION) AND WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION.
3. ALL CONTRACTORS DOING WORK IN THE PUBLIC RIGHT-OF-WAY MUST BE LICENSED (WHEN APPLICABLE) TO MAKE PUBLIC IMPROVEMENTS WITHIN THE NAPERVILLE CORPORATE LIMITS.
4. THE CONTRACTOR/DEVELOPER ASSUMES ALL RESPONSIBILITY AND LIABILITY FOR ANY ACTION RESULTING FROM THEIR WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
5. THE CONTRACTOR/DEVELOPER SHALL INDEMNIFY AND HOLD HARMLESS THE CITY OF NAPERVILLE.
6. 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 ENTER ONTO PRIVATE PROPERTY.
7. 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 NAPERVILLE DEVELOPMENT REVIEW TEAM AND THE REQUIRED SURETY HAS BEN MET.
8. A MINIMUM OF 48 HOURS NOTICE SHALL BE GIVEN TO THE CITY OF NAPERVILLE TED BUISNESS 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. 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.

DEPARTMENT OF PUBLIC UTILITIES - ELECTRIC GENERAL NOTES

1. THE DEVELOPER SHALL SUPPLY THE DPU-E ENGINEER WITH CATALOG CUTS FOR ALL CT/METER EQUIPMENT (INCLUDING BUT NOT LIMITED TO METER SOCKS, PT CABINET, CT CABINET, DISCONNECT CABINET) AND TRANSFORMER PAD/VAULT. THE CATALOG CUTS SHALL BE APPROVED BY DPU-E PRIOR TO PURCHASING.
2. THE CT/METER CABINET SHALL BE TOP FED.
3. CT/ METER EQUIPMENT ARE LONG LEAD TIME ITEMS AND DPU-E SHALL NOT BE HELD RESPONSIBLE FOR DELAYS RESULTING FROM NON-COMPLIANT CT/METER EQUIPMENT.
4. PLEASE PROVIDE NAME AND CONTACT INFORMATION FOR ELECTRICAL CONTRACTOR FOR THIS PROJECT.
5. DPU-E WILL PROVIDE, INSTALL, AND MAINTAIN THE TRANSFORMERS, ALL PRIMARY (15kV) CABLE AND CONDUIT, AND THE METERS AND INSTRUMENT TRANSFORMERS. DPU-E WILL ALSO MAKE THE FINAL CONNECTIONS IN THE TRANSFORMERS ONCE THE INSPECTION IS COMPLETE AND THE BUILDING IS READY TO BE ENERGIZED.
6. 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 SOCKS
7. THE DEVELOPER SHALL COORDINATE SITE CONSTRUCTION WITH DPU-E TO ALLOW ELECTRIC FACILITIES TO BE INSTALLED PRIOR TO PAVING AND CURBING. DPU-E REQUIRES 30 WORKING DAYS ADVANCED WRITTEN NOTICE PRIOR TO PAVEMENT INSTALLATION TO ALLOW FOR THE INSTALLATION OF ELECTRIC FACILITIES. GRADE ELEVATION MUST BE WITHIN 4" OF FINAL GRADING BEFORE ELECTRIC FACILITIES CAN BE INSTALLED.
8. 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.
9. AT ALL TIMES, THE CUSTOMER SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING A SUITABLE APPROACH TO THE METER LOCATION, WITH NO OBSTRUCTIONS WITHIN FOUR FEET (4') OF THE FRONT AND TWO (2') FEET OF THE SIDES OF THE METER. PER NAPERVILLE SERVICES RULES AND POLICIES 22.2F.
10. CLEARANCE TO TRANSFORMER PAD SHALL BE 5' FROM ALL SIDES AND 10' FROM FRONT, AND THE AREA ABOVE MUST BE COMPLETELY CLEAR OF OBSTRUCTIONS. NO TREES, SHRUBS, OR OTHER OBSTACLES WILL BE ALLOWED WITHIN THIS AREA. TRANSFORMER PAD SHALL MAINTAIN MINIMUM CLEARANCE OF 20' FROM EGRESS POINTS. PER DPU-E SPECIFICATIONS C10-2130 AND C30-016.
11. TO HAVE AND EXISTING SERVICE DISCONNECTED, CALL THE CITY DISPATCH OFFICE AT 630-420-6187. PLEASE ALLOW FOR AT LEAST 24 HOUR NOTICE. METERS AD METER SEALS ARE TO BE REMOVED ONLY BY DPU-E PERSONNEL. THE LOCATION AND TYPE OF NEW OR REPLACEMENT METER RELATED EQUIPMENT MUST BE PRE-APPROVED IN WRITING BY DPU-E. AN ELECTRIC SERVICE MUST BE INSPECTED BY THE DEVELOPMENT SERVICES TEAM ELECTRICAL INSPECTOR PRIOR TO CONNECTION.
12. 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.
13. APPROVAL OF METERING EQUIPMENT BY DPU-E DOES NOT REMOVE YOUR RESPONSIBILITY TO COMPLY WITH THE LATEST VERSION OF THE NATIONAL ELECTRICAL CODE AS ADOPTED BY THE CITY OF NAPERVILLE. DETERMINATION OF COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE WILL BE MADE BY THE TRANSPORTATION, ENGINEERING, AND DEVELOPMENT DEPARTMENT.
14. A CUSTOMER'S GROUNDING CONDUCTOR SHALL NOT BE CONNECTED TO DPU-E DISTRIBUTION EQUIPMENT.
15. THE TRANSFORMER IS LOCATED NEAR VEHICULAR TRAFFIC. DEVELOPER IS RESPONSIBLE FOR PROVIDING AND INSTALLING 8" BOLLARDS PER DPU-E SPECIFICATION C10-2222.
16. ADDITIONAL EASEMENTS ARE REQUIRED, ALL DPU-E OWNED PRIMARY/SECONDARY CABLE AND EQUIPMENT (TRANSFORMERS, SWITCHES, ETC...) MUST BE INSTALLED INSIDE OF A PUBLIC UTILITY EASEMENT.

STORM SEWER NOTES (GENERAL)

1. NO CONNECTION TO AN EXISTING PUBLIC STORM SEWER MAY BE MADE WITHOUT PERMISSION OF THE CITY ENGINEER.
2. 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 RECORD DRAWINGS.

STORM SEWER NOTES

1. 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:

   1.1. 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 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 SEALS PER ASTM D 3212.
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 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.
5. 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 ADDITION) 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.
   5.1. PAVEMENT: EAST JORDAN IRON WORKS 1022 FRAME WITH TYPE M1 RADIAL FLAT GRATE, NEENAH R-2560-A, 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.
   5.2. BARRIER CURB AND GUTTER: EAST JORDAN IRON WORKS 7220 FRAME WITH TYPE M1 GRATE AND T1 CURB BOX, NEENAH R-3278-A, OR APPROVED EQUAL.
   5.3. DEPRESSED CURB: EAST JORDAN IRON WORKS 5120 FRAME AND GRATE, NEENAH R-3225-L, OR APPROVED EQUAL.
   5.4. MOUNTABLE CURB: EAST JORDAN IRON WORKS 7525 FRAME AND GRATE, NEENAH R-3501-P, OR APPROVED EQUAL.
   5.5. 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 EQUAL MAY BE USED.
6. THE STEEL CASING PIPE SHALL BE BITUMINOUS COATED, A MINIMUM OF 30 MILS THICKNESS INSIDE AND OUT, AND SHALL BE OF LEAK PROOF CONSTRUCTION, CAPABLE OF WITHSTANDING THE ANTICIPATED LOADINGS. SEE TABLE 200-1 IN THE NAPERVILLE STANDARD SPECIFICATIONS FOR THE MINIMUM WALL THICKNESSES OF VARIOUS 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.
7. 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
8. 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 INVERT. 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 SLIPPAGE DURING BACKFILLING.
9. ALL STORM SEWER STRUCTURE FRAMES WITHOUT INSIDE FLANGES SHALL BE SHAPED WITH NON-SHRINKINGHYDRAULIC 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.

TRAFFIC CONTROL & PROTECTION NOTES (GENERAL)

1. 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
2. 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.
3. 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.
4. ANY TEMPORARY OPEN HOLES SHOULD BE BARRICADED AND PROTECTED IN ACCORDANCE WITH APPLICABLE STANDARDS.

TRAFFIC CONTROL & PROTECTION NOTES (ARTERIAL ROADS)

1. LANE CLOSURES ON ARTERIAL ROADWAYS WITHIN THE CITY OF NAPERVILLE ARE NOT PERMITTED BETWEEN THE HOURS OF 6AM-9AM AND 3PM-7PM MONDAY THROUGH FRIDAY, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER. LANE CLOSURES ON ARTERIAL STREETS ARE NOT PERMITTED BETWEEN 7AM AND 7PM ON WEEKENDS, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER. ARTERIAL ROADWAYS ARE DEFINED AS BOTH MAJOR AND MINOR ARTERIAL ROADWAYS AS DESIGNATED ON THE CITY'S MASTER THOROUGHFARE PLAN, LATEST EDITION.
2. ANY WORK THAT IMPACTS A TRAFFIC LANE ON AN ARTERIAL ROADWAY REQUIRES AN ARROW BOARD AS PART OF THE TRAFFIC CONTROL.
3. AT THE END OF EACH DAY OF WORK, THE ROADWAY MUST BE COMPLETELY REOPENED TO TRAFFIC. ANY OPEN HOLES MUST BE PLATED OR COLD PATCHED; THE CITY WILL NOT ALLOW THE HOLES TO BE FILLED WITH GRAVEL.

TRAFFIC CONTROL & PROTECTION NOTES (ARTERIAL ROADS)

1. LANE CLOSURES ON ARTERIAL ROADWAYS WITHIN THE CITY OF NAPERVILLE ARE NOT PERMITTED BETWEEN THE HOURS OF 6AM-9AM AND 3PM-7PM MONDAY THROUGH FRIDAY, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER. LANE CLOSURES ON ARTERIAL STREETS ARE NOT PERMITTED BETWEEN 7AM AND 7PM ON WEEKENDS, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER. ARTERIAL ROADWAYS ARE DEFINED AS BOTH MAJOR AND MINOR ARTERIAL ROADWAYS AS DESIGNATED ON THE CITY'S MASTER THOROUGHFARE PLAN, LATEST EDITION.
2. ANY WORK THAT IMPACTS A TRAFFIC LANE ON AN ARTERIAL ROADWAY REQUIRES AN ARROW BOARD AS PART OF THE TRAFFIC CONTROL.
3. AT THE END OF EACH DAY OF WORK, THE ROADWAY MUST BE COMPLETELY REOPENED TO TRAFFIC. ANY OPEN HOLES MUST BE PLATED OR COLD PATCHED; THE CITY WILL NOT ALLOW THE HOLES TO BE FILLED WITH GRAVEL.

EROSION CONTROL & DRAINAGE NOTES (GENERAL)

1. 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 & DRAINAGE NOTES (PROJECT SPECIFIC)

1. ALL 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.
2. 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. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY, AFTER ANY 0.5 INCH OR GREATER RAINFALL, OR MORE FREQUENTLY AS NECESSARY TO MAINTAIN THEIR FUNCTION.

GEOMETRIC & PAVING NOTES (GENERAL)

1. 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.
2. ANY NEW OR EXISTING IMPROVEMENTS THAT ARE DAMAGED SHALL BE REPAIRED OR REPLACED IN A MANNER THAT IS SATISFACTORY TO THE CITY ENGINEER.
3. 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.
4. 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 CORRECT.
5. ALL PAVEMENT PATCHES WITHIN THE PUBLIC RIGHT-OF-WAY MUST CONFORM TO CITY STANDARDS. REFERENCE NAPERVILLE STANDARD DETAILS 590.12 AND 590.13.

WHO BREW DRIVE-THRU CREW

SEVEN 7 BREW COFFEE DRIVE THRU

MATTHEW STEVEN MILLER 062.065164 PROFESSIONAL ENGINEER

ENGINEER OF RECORD:
NAME: MATTHEW MILLER
LICENSE NO. IL# 062-065164

PROJECT NUMBER:
104 001

REVISION:
1 03-01-2024 CITY REVIEW COMMENTS

7 BREW COFFEE
NAPERVILLE, IL
1203 IROQUOIS AVENUE
NAPERVILLE, IL 60563

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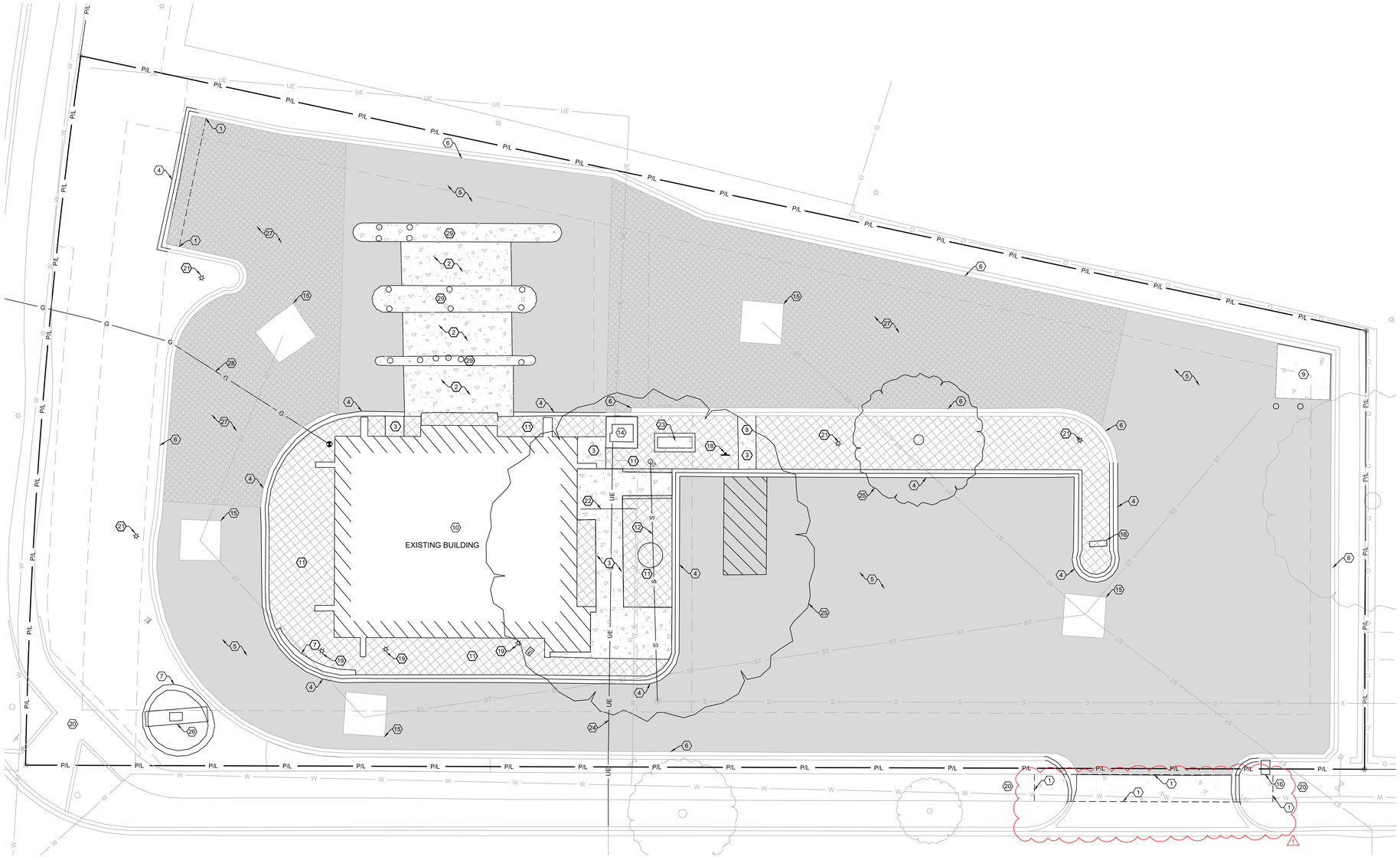
GENERAL NOTES
C0.2
DATE: 03/01/2024



HATCH LEGEND:

= ASPHALT AREA TO BE REMOVED.

= ASPHALT AREA TO BE MILLED.

= CONCRETE AREA TO BE REMOVED.

= LANDSCAPE SHRUBS & TREES TO BE REMOVED.

KEY NOTES:

1. SAW CUT CLEAN EDGE FOR PAVEMENT REMOVAL.
2. REMOVE 500 S.F. ± OF CONCRETE PAVEMENT.
3. REMOVE 400 S.F. ± OF CONCRETE SIDEWALKS.
4. REMOVE 316 L.F. ± OF CONCRETE CURB AND GUTTER.
5. REMOVE 9,770 S.F. ± OF ASPHALT PAVEMENT.
6. EXISTING CURB TO REMAIN IN PLACE.
7. REMOVE 59 L.F. ± OF BRICK PLANTER RETAINING WALL.
8. REMOVE CONCRETE RAMP.
9. REMOVE TRASH ENCLOSURE, BOLLARD & FOUNDATION.
10. REMOVE BUILDING, BUILDING FOUNDATION, UTILITIES ASSOCIATED WITH THE BUILDING AND ANY UNSUITABLE MATERIALS UNDER THE BUILDING STRUCTURE. CONTRACTOR TO TO REMOVE EXISTING MATERIALS AND REPLACE WITH COMPACTED SUITABLE MATERIALS IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
11. REMOVE EXISTING LANDSCAPING.
12. REMOVE 48 L.F. ± OF SANITARY SEWER LINE.
13. REMOVE BOLLARDS, TYPICAL.
14. EXISTING PAD MOUNTED TRANSFORMER TO REMAIN, DO NOT DISTURB.
15. EXISTING STORM DRAIN AREA INLET, DO NOT DISTURB.
16. REMOVE SIGN POSTS AND FOUNDATION.
18. REMOVE ADA PARKING SIGN, POST & FOUNDATION.
19. REMOVE GROUND LIGHTS.
20. EXISTING SIDEWALK, DO NOT DISTURB.
21. REMOVE EXISTING LIGHT POLE AND ASSOCIATED UNDERGROUND WIRING AS NECESSARY.
22. REMOVE 10 L.F. ± WATER LINE.
23. REMOVE GENERATOR AND ELEVATED CONCRETE PAD
24. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE, COORDINATE WITH ELECTRIC COMPANY .
25. REMOVE TREE.
26. REMOVE MONUMENT SIGN AND FOUNDATION.
27. 2-INCH MILL 4,327 S.F. ± OF ASPHALT PAVEMENT.
28. REMOVE EXISTING UNDERGROUND GAS SERVICE, COORDINATE WITH GAS COMPANY.
29. REMOVE CONCRETE BASE, BOLLARDS AND ASSOCIATED DRIVE THRU COMPONENTS.

H. SCALE: 1" = 10'

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7 BREW COFFEE
DRIVE THRU

MATTHEW STEVEN MILLER
062.065164
3/11/2024

ENGINEER OF RECORD:
NAME: MATTHEW MILLER
LICENSE NO. IL# 062-065164

PROJECT NUMBER:
104 001

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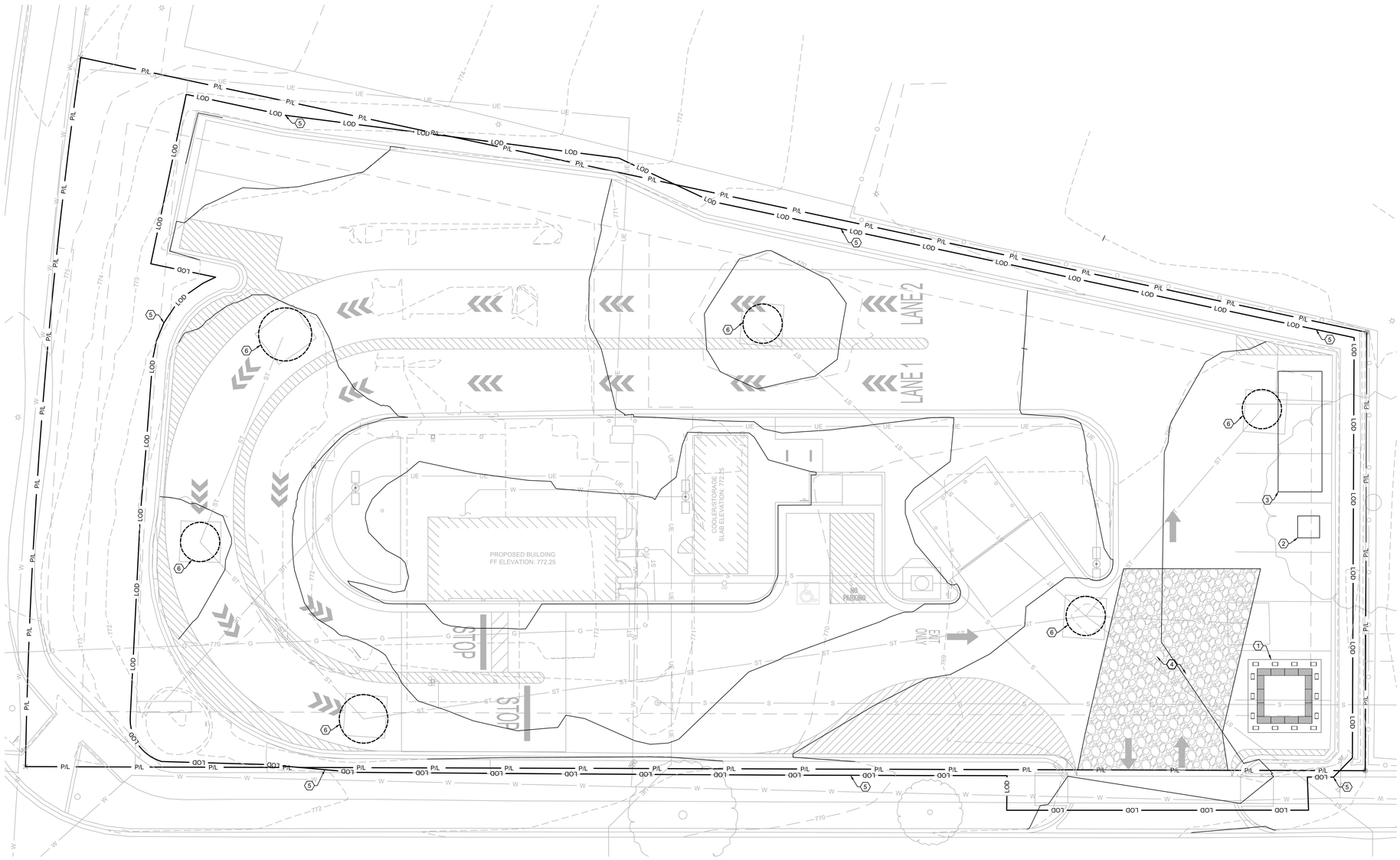
7 BREW COFFEE
NAPERVILLE, IL
1203 IROQUOIS AVENUE
NAPERVILLE, IL 60563

DEMOLITION PLAN
C1.1

DATE: 03/01/2024



PHASING TABLE:

PHASE	CONSTRUCTION ACTIVITIES	BEST MANAGEMENT PRACTICES INSTALLED
PHASE 1 (PRE - CONSTRUCTION)	INSTALLATION OF PRE-CON BMP'S	~ CONSTRUCTION ENTRANCE
PHASE 2	CLEARING	~ RETAIN TOPSOIL ~ STOCK PILE PROTECTION ~ DEWATERING ~ DUST CONTROL
PHASE 3	CONSTRUCTION	~ CONCRETE WASHOUT PIT ~ TEMPORARY SEEDING
PHASE 4 (FINAL STABILIZATION)	FINAL STABILIZATION OF ALL DISTURBED AREAS	~ HYDROSEED ~ SEED / STRAW

KEY NOTES:

1. APPROXIMATE LOCATION OF CONCRETE WASHOUT PER DETAIL 1.03 SHEET C7.1.
2. APPROXIMATE LOCATION OF PORTABLE RESTROOM.
3. APPROXIMATE LOCATION OF TEMPORARY CONSTRUCTION DUMPSTER.
4. INSTALL TEMPORARY CONSTRUCTION ENTRANCE PER DETAIL 1.01 SHEET C7.1.
5. LIMITS OF DISTURBANCE = 0.58 ACRES.
6. STORM INLET SEDIMENT BARRIER PROTECTION PER DETAIL 1.05 SHEET C7.2.

0 5 10
H. SCALE: 1" = 10'

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www.tothassociates.com
IL# 63620661

SEVEN BREW COFFEE DRIVE THRU

MATTHEW STEVEN MILLER 062.065164 2/1/2024

ENGINEER OF RECORD:
NAME: MATTHEW MILLER
LICENSE NO. IL# 062-065164

PROJECT NUMBER:
104 001

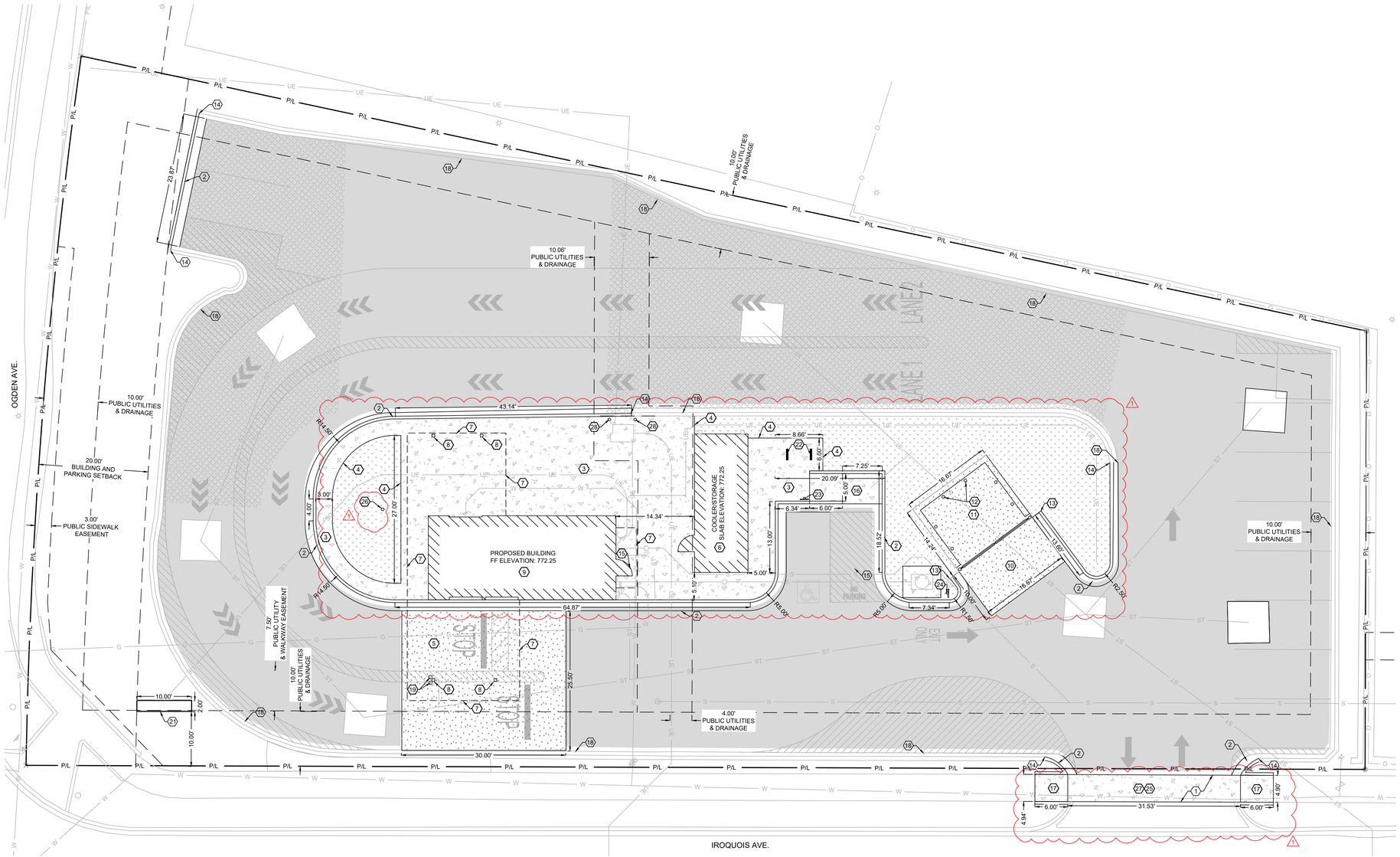
REVISION:

7 BREW COFFEE
NAPERVILLE, IL
1203 IROQUOIS AVENUE
NAPERVILLE, IL 60563

EROSION CONTROL PLAN

C1.2

DATE: 03/01/2024



HATCH LEGEND:

- = ASPHALT PAVEMENT PER DETAIL 2.06 SHEET C7.1.
- = CONCRETE SIDEWALK PER SIDEWALK DETAIL 2.02 SHEET C7.1.
- = CONCRETE PAVEMENT PER CONCRETE PAVEMENT DETAIL 2.03 AND 2.05 SHEET C7.1.
- = LANDSCAPING AREA. REFER TO LANDSCAPING PLAN.
- = ASPHALT PAVEMENT 2 INCH MILL AND OVERLAY.

KEY NOTES:

1. MATCH EXISTING PAVEMENT.
2. CONCRETE CURB & GUTTER PER DETAIL 2.01 SHEET C7.1.
3. SIDEWALK PER DETAIL 2.02 SHEET C7.1.
4. EDGE OF CONCRETE SLAB TO BE THICKENED CONCRETE PER STOOP/WALK EDGE DETAIL 2.04 SHEET C7.1.
5. CONCRETE PAVEMENT PER CONCRETE PAVEMENT DETAILS 2.03 & 2.05 SHEET C7.1.
6. REMOTE COOLER LOCATION. COOLER TO BE INSTALLED ON 4" THICK CONCRETE PAD WITH THICKENED EDGE PER STRUCTURAL DETAIL.
7. BUILDING CANOPY OUTLINE.
8. CANOPY COLUMNS LOCATIONS, TYPICAL.
9. BUILDING FOUNDATION WALL AND FOOTING PER STRUCTURAL DETAILS REFER TO ARCHITECTURAL DRAWINGS FOR FOUNDATION WALL ELEVATION.
10. CONCRETE PAVEMENT FOR TRASH ENCLOSURE PER CONCRETE PAVEMENT DETAILS 2.03 & 2.05 SHEET C7.1.
11. TRASH ENCLOSURE AND GATE, PER ARCHITECTURAL DETAILS.
12. 6' PIPE BOLLARD, TYPICAL PER DETAIL 2.09 SHEET C7.1.
13. INSTALL CURB TRANSITION PER DETAIL 2.15 SHEET C7.2.
14. CONNECT TO EXISTING CURB.
15. ACCESSIBLE PATH FROM PARKING TO BUILDING.
16. TYPE 2 ADA CURB RAMP PER DETAIL 2.12 SHEET C7.2.
17. TYPE 3 ADA CURB RAMP PER DETAIL 2.13 SHEET C7.2.
18. EXISTING CURB AND GUTTER, DO NOT DISTURB.
19. 3' PIPE BOLLARD TYPICAL PER DETAIL 2.09 SHEET C7.1.
21. NEW MONUMENT SIGN, PER ARCHITECTURAL DETAILS
22. BICYCLE RACK PER DETAIL 2.17 SHEET C7.2.
23. SIGN, SEE SHEET C6.1.
24. ONE WAY DO NOT ENTER SIGN, PER DETAIL 2.16 SHEET C7.2.
25. CONTRACTOR SHALL MINIMALIZE THE TIME THE SIDEWALK IS CLOSED TO THE PUBLIC AND "SIDEWALK CLOSED" SIGNS MUST BE POSTED DURING CONSTRUCTION.
26. 25' FLAGPOLE PER MANUFACTURER SPECIFICATIONS. SEE FOUNDATION DETAIL 2.10 SHEET C7.1.
27. SIDEWALK IN THE PUBLIC RIGHT OF WAY PER DETAIL 2.18 SHEET C7.2.
28. 6" TALL 8" DIAMETER PIPE BOLLARD, TYPICAL PER DETAIL 2.09 SHEET C7.1.

PROPOSED USE:

RESTAURANT WITH DRIVE THRU.

ZONING:

ZONING: B3 (GENERAL COMMERCIAL DISTRICT)

PARKING REQUIREMENTS:

1 SPACE PER EMPLOYEE DURING LARGEST SHIFT = 4 STALLS.
PROVIDED = 10 STALLS, 9 STANDARD AND 1 ADA.

STORMWATER NOTES:

PRE-PROJECT IMPERVIOUS AREA	= 17,440 S. F.
PRE-PROJECT PERVIOUS AREA	= 7,950 S. F.
POST-PROJECT IMPERVIOUS AREA	= 18,189 S. F.
POST-PROJECT PERVIOUS AREA	= 7,202 S. F.

BUILDING AND LOT DATA:

PROJECT FOOTPRINT	25,390 S.F. = 0.583 ACRES
PROPOSED BUILDING (1 STORY) - RETAIL =	510 S.F.
REMOTE COOLER =	280 S.F.
CONSTRUCTION TYPE: V-B	

QUANTITIES

CURB & GUTTER:	602 L.F.
ASPHALT PAVEMENT:	14,368 S.F.
8" CONCRETE PAVEMENT:	1,168 S.F.
4" CONCRETE SIDEWALK:	1,906 S.F.
LANDSCAPING ROCK	1,326 S.F.

0 5 10
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7 BREW COFFEE
DRIVE THRU

MATTHEW STEVEN MILLER 062.065164 EXPIRES: 11/30/2024

ENGINEER OF RECORD:
NAME: MATTHEW MILLER
LICENSE NO. IL# 062-065164

PROJECT NUMBER:
104 001

REVISION:
1 03-01-2024 CITY REVIEW COMMENTS

NAPERVILLE, IL

7 BREW COFFEE
1203 IROQUOIS AVENUE
NAPERVILLE, IL 60563

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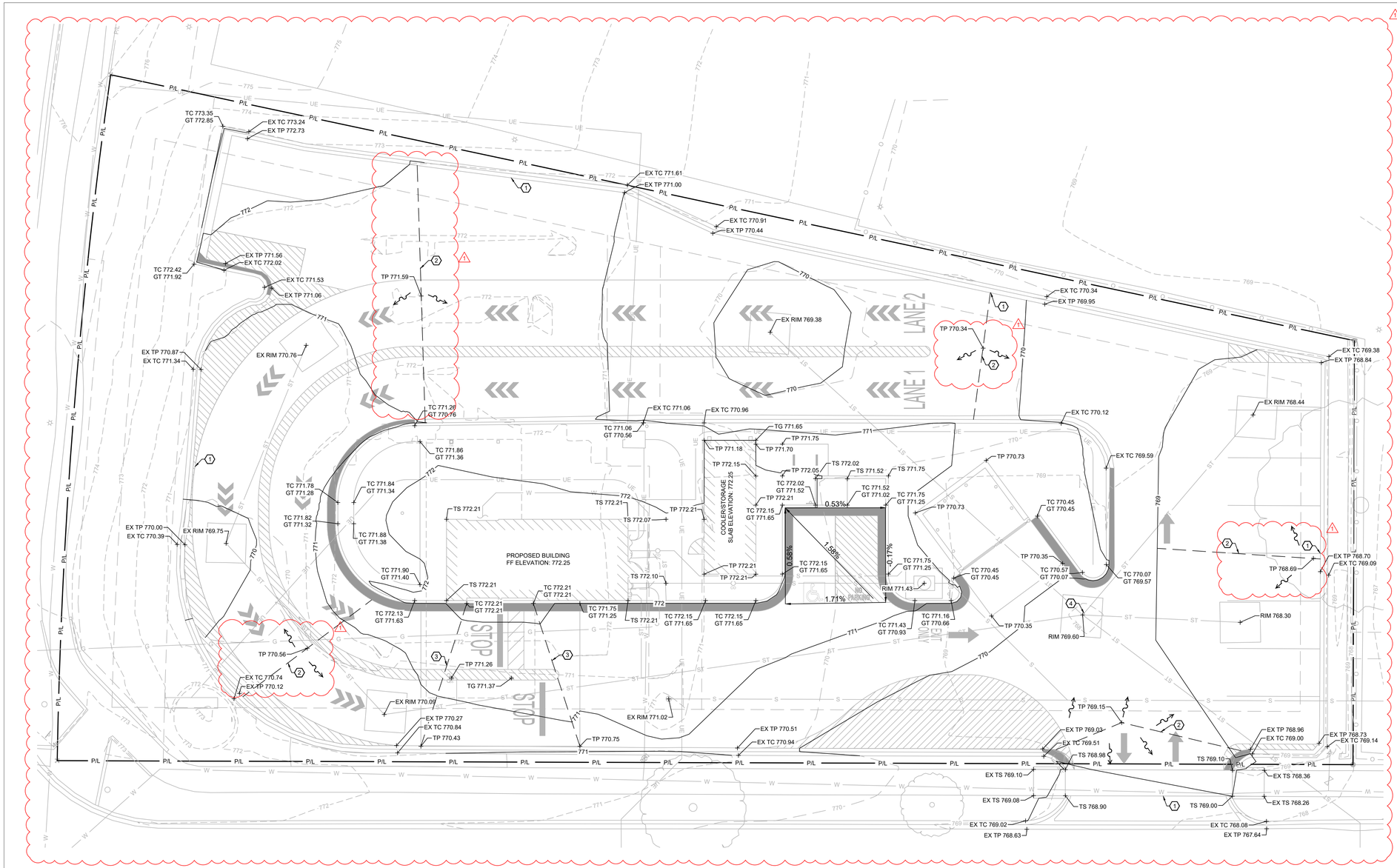
SITE PLAN
C2.1
1
DATE: 03/01/2024



KEY NOTES:

1. MATCH EXISTING ELEVATION.
2. HIGH POINT IN PAVEMENT.
3. CENTERLINE OF GRADE BREAK IN PAVEMENT.
4. CONTRACTOR TO ADJUST TO NEW RIM ELEVATION 769.60.

ABBREVIATIONS

BC	BACK OF CURB
CC	STANDARD CATCH CURB
CL	CENTER LINE
CMP	CORRUGATED METAL PIPE
EP	EDGE OF PAVEMENT
FES	FLARED END SECTION
FL	FLOW LINE
GT	GUTTER INVERT
GY	GUY WIRE
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT
LF	LINEAR FEET
MC	MOUNTABLE CURB
PVC	POLYVINYL CHLORIDE PIPE
R/W	RIGHT-OF-WAY
RCP	REINFORCED CONCRETE PIPE
SC	SPILL CURB
TB	TOP OF BASE ROCK
TC	TOP OF CURB
TG	TOP OF GROUND
TP	TOP OF PAVEMENT
TS	TOP OF SIDEWALK
TW	TOP OF WALL
EX TP	EXISTING TOP OF PAVEMENT
EX TS	EXISTING TOP OF SIDEWALK
~~→~~	DIRECTION OF SHEET FLOW

HATCH LEGEND:

= SPILL CURB

7 BREW COFFEE

MATTHEW STEVEN MILLER 062.065164 — 3/1/2024

ENGINEER OF RECORD:

NAME: MATTHEW MILLER

LICENSE NO. IL# 062-065164

PROJECT NUMBER:

104 001

REVISION:

1 03-01-2024 CITY REVIEW COMMENTS

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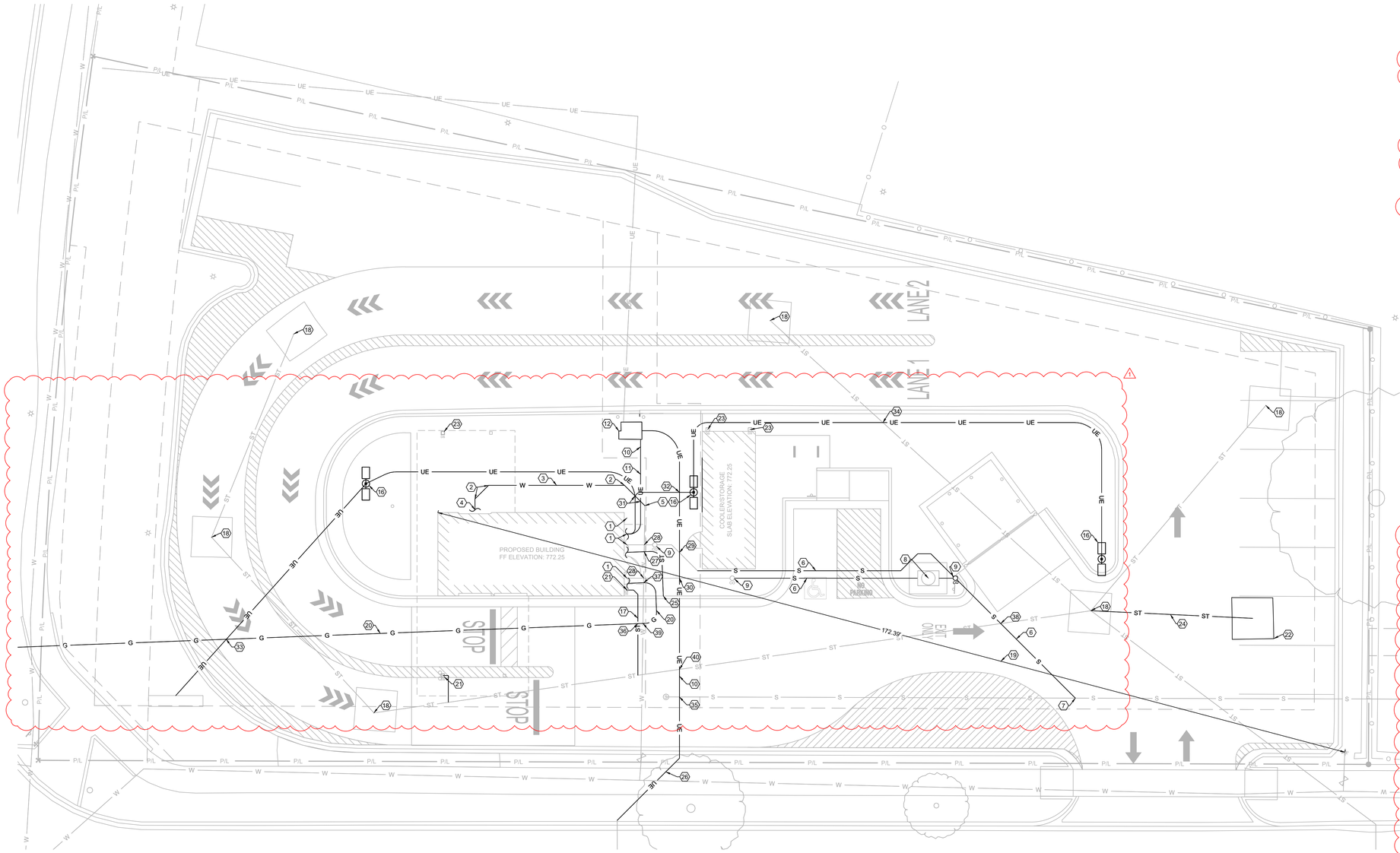
GRADING PLAN

C3.1

DATE: 03/01/2024



KEY NOTES:

1. CONTINUATION OF UTILITY TO BUILDING.
2. INSTALL 45° BEND, TYPICAL.
3. INSTALL 36 L.F. ± OF 1" TYPE K COPPER WATER LINE PER DETAILS 4.11 & 4.12 SHEET C7.3. TO BE INSTALLED BY CONTRACTOR FROM EXISTING WATER SERVICE.
4. WATER METER TO BE INSTALLED INSIDE BUILDING. SEE MEP PLANS FOR LOCATION.
5. CONNECTION OF WATER SERVICE TO BE COORDINATED WITH WATER PROVIDER.
6. INSTALL 117 L.F. ± OF 4" SCH. 40 PVC SANITARY SEWER SERVICE AT A MINIMUM SLOPE OF 1.00% PER PIPE INSTALLATION DETAILS 4.07 & 4.10 SHEET C7.3.
7. CONTRACTOR TO CONNECT 4" SCH. 40 PVC SANITARY SEWER SERVICE LINE TO EXISTING SEWER. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF SEWER LINE TO ENSURE NO CONFLICT PRIOR TO CONSTRUCTION. COORDINATE CONNECTION WITH SEWER UTILITY PROVIDER.
8. 125 GALLON SCHIER GB-75 GREASE INTERCEPTOR WITH PEDESTRIAN RATED CAST IRON COVER, PER MEP PLANS.
9. SEWER LATERAL CLEAN OUT PER DETAILS 4.08 & 4.09 SHEET C7.3.
10. ROUTING OF PROPOSED ELECTRIC UTILITY AND POINT OF CONNECTION SHOWN IS APPROXIMATE. CONTRACTOR TO COORDINATE WITH ELECTRIC UTILITY PROVIDER TO DETERMINE FINAL LOCATION PRIOR TO INSTALLATION OF ELECTRIC SERVICE LINE.
11. BURIED ELECTRIC LINE, SEE MEP SITE UTILITIES PLANS.
12. EXISTING PAD MOUNTED TRANSFORMER TO REMAIN. COORDINATE WITH ELECTRIC UTILITY PROVIDER.
13. ROUTING OF PROPOSED COMMUNICATION UTILITY AND POINT OF CONNECTION SHOWN IS APPROXIMATE. CONTRACTOR TO COORDINATE WITH COMMUNICATION UTILITY PROVIDER TO DETERMINE FINAL LOCATION PRIOR TO INSTALLATION OF COMMUNICATION SERVICE LINE.
14. (2) 2" COMMUNICATIONS CONDUITS WITH PULLWIRE.
15. COMMUNICATIONS PULL BOX, SEE MEP SITE UTILITIES PLAN. COORDINATE WITH COMMUNICATIONS UTILITY PROVIDER.
16. LIGHT POLE, SEE MEP SITE UTILITIES PLAN.
17. INSTALL 17 L.F. ± OF 2.0" DIA. SCH. 40 PVC. STORM WATER TO CONNECT TO EXISTING STORM WATER LINE.
18. EXISTING STORMWATER INLET TO REMAIN. DO NOT DISTURB.
19. DISTANCE TO EXISTING FIRE HYDRANT, NEAREST.
20. COORDINATE WITH GAS UTILITY PROVIDER FOR INSTALLATION OF GAS SERVICE LINE.
21. INSTALL DOWNSPOUT CONNECTIONS PER DETAIL 4.03 SHEET C7.2.
22. 8' X 8' CONCRETE AREA INLET PER AREA INLET DETAIL 4.05 SHEET C7.2. RIM ELEVATION = 768.30, FLOW LINE ELEVATION = 765.89
23. DAYLIGHT DOWNSPOUT TO CONCRETE.
24. INSTALL 30 L.F.± 6-INCH PVC STORM PIPE @ MINIMUM 0.50% SLOPE PER DETAIL 4.01 SHEET C7.2.
25. INSTALL 25 L.F. ± OF 2.0" DIA. SCH. 40 PVC DISCHARGE LINE FROM SUMP PUMP. TERMINATE DISCHARGE LINE THROUGH FACE OF CURB.
26. UTILITY TRENCH IN PUBLIC ROW TO CONFORM TO CITY STANDARDS PER DETAIL 4.06 SHEET C7.2.
27. UTILITY CROSSING, CONTRACTOR TO COORDINATE DEPTH IN FIELD. APPROXIMATE ELEVATIONS ARE AS FOLLOWS: EXISTING WATER LINE ELEVATION = 769.14., STORM LINE ELEVATION = 770.64.
28. UTILITY CROSSING, CONTRACTOR TO COORDINATE DEPTH IN FIELD. APPROXIMATE ELEVATIONS ARE AS FOLLOWS: EXISTING WATER LINE ELEVATION = 769.14., SANITARY SEWER ELEVATION = 767.66.
29. UTILITY CROSSING, CONTRACTOR TO COORDINATE DEPTH IN FIELD. APPROXIMATE ELEVATIONS ARE AS FOLLOWS: UNDERGROUND ELECTRIC ELEVATION = 769.15, SANITARY SEWER ELEVATION = 767.59.
30. UTILITY CROSSING, CONTRACTOR TO COORDINATE DEPTH IN FIELD. APPROXIMATE ELEVATIONS ARE AS FOLLOWS: UNDERGROUND ELECTRIC ELEVATION = 769.14, SANITARY SEWER ELEVATION = 767.59.
31. UTILITY CROSSING, CONTRACTOR TO COORDINATE DEPTH IN FIELD. APPROXIMATE ELEVATIONS ARE AS FOLLOWS: UNDERGROUND ELECTRIC ELEVATION = 769.02, WATER LINE ELEVATION = 767.52.
32. UTILITY CROSSING, CONTRACTOR TO COORDINATE DEPTH IN FIELD. APPROXIMATE ELEVATIONS ARE AS FOLLOWS: E-W UNDERGROUND ELECTRIC ELEVATION = 771.94, N-S UNDERGROUND ELECTRIC ELEVATION = 770.44.
33. UTILITY CROSSING, CONTRACTOR TO COORDINATE DEPTH IN FIELD. APPROXIMATE ELEVATIONS ARE AS FOLLOWS: GAS LINE ELEVATION = 767.13, UNDERGROUND ELECTRIC ELEVATION = 765.63.
34. UTILITY CROSSING, CONTRACTOR TO COORDINATE DEPTH IN FIELD. APPROXIMATE ELEVATIONS ARE AS FOLLOWS: UNDERGROUND ELECTRIC ELEVATION = 768.07, EXISTING STORM LINE ELEVATION = 763.40.
35. UTILITY CROSSING, CONTRACTOR TO COORDINATE DEPTH IN FIELD. APPROXIMATE ELEVATIONS ARE AS FOLLOWS: UNDERGROUND ELECTRIC ELEVATION = 768.16, EXISTING SEWER ELEVATION = 761.79.
36. UTILITY CROSSING, CONTRACTOR TO COORDINATE DEPTH IN FIELD. APPROXIMATE ELEVATIONS ARE AS FOLLOWS: GAS LINE ELEVATION = 768.53, STORM LINE ELEVATION = 767.03.
37. UTILITY CROSSING, CONTRACTOR TO COORDINATE DEPTH IN FIELD. APPROXIMATE ELEVATIONS ARE AS FOLLOWS: EXISTING WATER LINE ELEVATION = 769.14., GAS LINE ELEVATION = 767.66.
38. UTILITY CROSSING, CONTRACTOR TO COORDINATE DEPTH IN FIELD. APPROXIMATE ELEVATIONS ARE AS FOLLOWS: SEWER LINE ELEVATION = 763.28, EXISTING STORM LINE ELEVATION = 764.78.
39. UTILITY CROSSING, CONTRACTOR TO COORDINATE DEPTH IN FIELD. APPROXIMATE ELEVATIONS ARE AS FOLLOWS: EXISTING WATER LINE ELEVATION = 768.51, GAS LINE ELEVATION = 767.01.
40. UTILITY CROSSING, CONTRACTOR TO COORDINATE DEPTH IN FIELD. APPROXIMATE ELEVATIONS ARE AS FOLLOWS: UNDERGROUND ELECTRIC ELEVATION = 768.31, EXISTING STORM LINE ELEVATION = 766.73.

EXISTING UTILITY PROVIDER CONTACT INFORMATION:

1. WATER — NAPERVILLE ELECTRIC AND WATER UTILITIES, 400 S. EAGLE STREET, NAPERVILLE, IL 60540, (630) 420-6111
2. ELECTRIC — NAPERVILLE ELECTRIC AND WATER UTILITIES, 400 S. EAGLE STREET, NAPERVILLE, IL 60540, (630) 420-6111
3. SEWER — NAPERVILLE ELECTRIC AND WATER UTILITIES, 400 S. EAGLE STREET, NAPERVILLE, IL 60540, (630) 420-6111
4. GAS — NICOR GAS, 1844 FERRY ROAD, NAPERVILLE, IL 60563, (888) 642-6748

H. SCALE: 1" = 10'

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SEVEN BREW COFFEE DRIVE THRU

MATTHEW STEVEN MILLER 062.065164

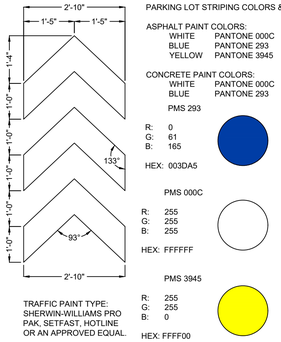
ENGINEER OF RECORD:
NAME: MATTHEW MILLER
LICENSE NO. IL# 062-065164

PROJECT NUMBER:
104 001

REVISION:
1 03-01-2024 CITY REVIEW COMMENTS

7 BREW COFFEE
NAPERVILLE, IL
1203 IROQUOIS AVENUE
NAPERVILLE, IL 60563

UTILITY PLAN
C4.1
DATE: 03/01/2024



PARKING LOT STRIPING COLORS & PAINT

ASPHALT PAINT COLORS:
WHITE PANTONE 000C
BLUE PANTONE 293
YELLOW PANTONE 3945

CONCRETE PAINT COLORS:
WHITE PANTONE 000C
BLUE PANTONE 293

PMS 293
R: 0
G: 61
B: 165
HEX: 003DA5

PMS 000C
R: 255
G: 255
B: 255
HEX: FFFFFF

PMS 3945
R: 255
G: 255
B: 0
HEX: FFFF00

TRAFFIC PAINT TYPE: SHERWIN-WILLIAMS PRO PAK, SETFAST, HOTLINE OR AN APPROVED EQUAL.

6.02 PARKING LOT STRIPING COLORS & PAINT
SCALE: NONE

NOTES FOR ACCESSIBLE PARKING SPACES:

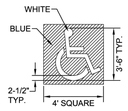
1. EACH PARKING SPACE SHALL BE AT LEAST 16' WIDE, WITH AN 8' WIDE ACCESS AISLE.
2. TWO PARKING SPACES MAY SHARE AN ACCESS AISLE EXCEPT FOR ANGLED PARKING SPACES.
3. PARKING SPACE IDENTIFICATION SIGN WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY (R7-8) SHALL BE MOUNTED ON A PERMANENT POST OR WALL AT THE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

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

RESERVED PARKING
ACCESSIBLE PARKING SIGN (R7-8)

$ 250 FINE
"$250 FINE" SIGN (R7-I101)

VAN ACCESSIBLE
VAN ACCESSIBLE SIGN (OPTIONAL)
18" x 9"
2" SERIES D LETTERS



ACCESSIBLE SYMBOL LINES SHALL BE WHITE.

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

6.01 ADA ACCESSIBLE PARKING SYMBOL
SCALE: NONE

HATCH LEGEND:

= ASPHALT PAVEMENT
PER DETAIL 2.06 SHEET C7.1.

= CONCRETE SIDEWALK
PER SIDEWALK DETAIL 2.02 SHEET C7.1.

= CONCRETE PAVEMENT
PER CONCRETE PAVEMENT DETAIL 2.03 AND 2.05 SHEET C7.1.

KEY NOTES:

1. BLUE PAINTED ADA ACCESSIBLE PARKING SYMBOL PER DETAIL 6.01 THIS SHEET.
2. SOLID WHITE TRIPLE ARROW PAVEMENT MARKER, PER DETAIL 6.02 THIS SHEET.
3. 12" SOLID RED STOP BAR WITH 48-INCH TALL "STOP" TEXT PAINTED IN WHITE.
4. ALIGN 4" SOLID BLUE CROSS WALK MARKER WITH SLIDING DOOR PANEL AT FRONT OPENING.
5. 4-INCH SOLID BLUE PAVEMENT MARKER, TYPICAL. MIDLINES SPACE AT 24" O.C.
6. 48-INCH TALL "LANE #" PAINTED IN WHITE.
7. 24-INCH TALL "EXIT ONLY" PAINTED IN WHITE.
8. 4-INCH SOLID WHITE PAVEMENT MARKER FOR PARKING, TYPICAL.
9. SOLID WHITE DIRECTIONAL ARROW PAVEMENT MARKING.
10. "NO PARKING" PAINTED IN ACCESS AISLE, ALL CAPITAL LETTERS < 12-INCH HEIGHT LETTERS, 2-INCH STROKE.
11. ADA VAN ACCESSIBLE SIGN PER DETAIL 6.01 THIS SHEET. INSTALLATION PER DETAIL 6.03 SHEET C7.1.

0 5 10
H. SCALE: 1" = 10'

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REVISION:
1 03-01-2024 CITY REVIEW COMMENTS

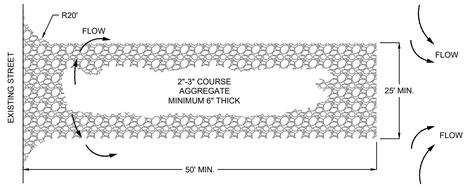
7 BREW COFFEE
NAPERVILLE, IL

1203 IROQUOIS AVENUE
NAPERVILLE, IL 60563

STRIPING PLAN

C6.1

DATE: 03/01/2024



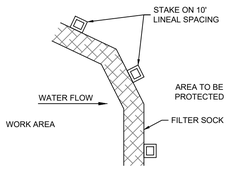
PLAN

NOTES:

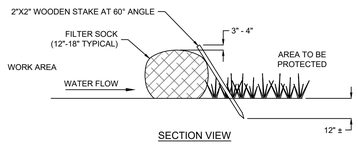
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

1.01 TEMPORARY CONSTRUCTION ENTRANCE

SCALE: NONE



PLAN VIEW



SECTION VIEW

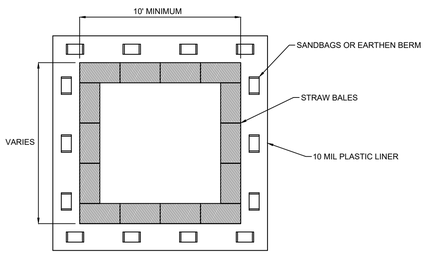
NOTES:
1. ALL MATERIAL TO MEET MANUFACTURER'S REQUIREMENTS.

2. FILTER SOCK DEPICTED IS FOR MINIMUM SLOPES. GREATER SLOPES MAY REQUIRE LARGER SOCKS PER ENGINEER.

3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

1.02 COMPOST FILTER SOCK DETAIL

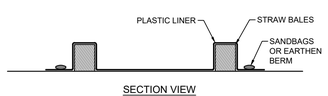
SCALE: NONE



PLAN VIEW

NOTES:
1. WASHOUT CONTAINMENT SHALL BE INSTALLED FOR DURATION OF CONCRETE WORK AND RETAIN CONCRETE AND OTHER WASHOUT LIQUIDS UNTIL EVAPORATION OR REMOVAL BY PUMP.
2. CONTAINMENT SHALL BE SIZED FOR EXPECTED WASHOUT VOLUMES.
3. AVOID PLACING NEAR STORM DRAINS, STREAMS, SINKHOLES, OUTFALLS OR OTHER LOW AREAS WHERE WATER PONDS OR FLOWS.
4. OTHER APPROVED LEAK-PROOF CONTAINMENT IS ACCEPTABLE.
5. TRAPS SHALL BE ROUTINELY. MAINTAINED AT 75% CAPACITY AND REPLACED AS NECESSARY TO PERFORM.
6. THE WASHOUT PIT SHALL BE COVERED BEFORE PREDICTED RAIN EVENTS TO PREVENT OVERFLOW.
7. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30FT OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

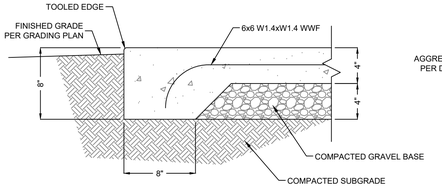
SIGNAGE



SECTION VIEW

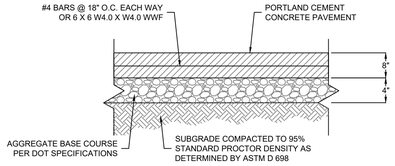
1.03 CONCRETE WASHOUT

SCALE: NONE



2.04 CONCRETE STOOP/WALK EDGE

SCALE: NONE

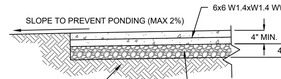


NOTES:

1. SEE CONCRETE PAVEMENT JOINT DETAILS AND NOTES.
2. CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI AND BE BE PLACED WITH A MAXIMUM SLUMP OF 4 INCHES PER GEOTECHNICAL ENGINEERING REPORT IF AVAILABLE.
3. ALL MATERIALS SHALL MEET THE CURRENT DOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
4. REINFORCED CONCRETE IS NOT PERMITTED IN THE PUBLIC ROW.

2.05 CONCRETE PAVEMENT

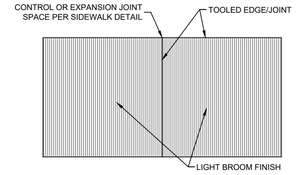
SCALE: NONE



NOTES:

1. PROVIDE CONTROL JOINTS @ 5' O.C. MAX. OR WIDTH OF SIDEWALK. SEE JOINT DETAIL.
2. PROVIDE EXPANSION JOINTS @ 20' O.C. MAX. & AS INDICATED ON SITE PLAN.
3. WHERE WALK ABUTS ANOTHER WALK, CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES, PROVIDE 1/2" EXP. JOINT W/ FIBER BOARD AND SELF-LEVELING SEALANT.
4. KEY ALL CONSTRUCTION JOINTS.
5. PROVIDE NON-SLIP LIGHT BROOM FINISH.
6. MAXIMUM SIDEWALK CROSS SLOPE SHALL BE 2%. MAXIMUM SLOPE OF SIDEWALK IN DIRECTION OF TRAVEL SHALL BE 5%.

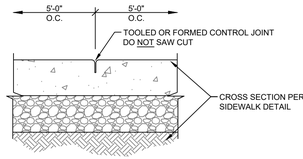
SECTION



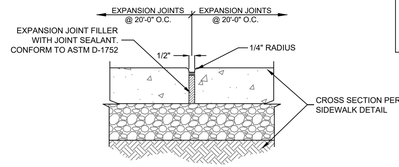
NOTES:

1. CONTRACTOR SHALL TOOL EDGES AND JOINTS AS SHOWN THEN LIGHTLY BROOM FINISH ENTIRE SIDEWALK SURFACE.

FINISH PLAN



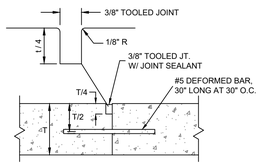
CONTROL JOINT



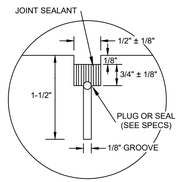
EXPANSION JOINT

2.02 SIDEWALK DETAILS

SCALE: NONE



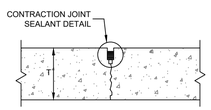
DOWELED CONSTRUCTION JOINT



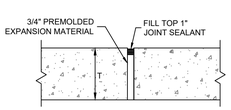
CONTRACTION JOINT SEALANT DETAIL

CONCRETE JOINT NOTES:

1. CONSTRUCTION JOINTS SHALL BE PLACED AS REQUIRED BY THE CONTRACTOR.
2. EXPANSION JOINTS SHALL BE PLACED WHERE CONCRETE ABUTS STRUCTURES OR EXISTING PAVEMENT AND AT 45 FEET ON CENTER, EACH DIRECTION (OR AS SHOWN ON PLAN).
3. CONTRACTION JOINTS SHALL BE PLACED AT 15 FEET MINIMUM SPACING IN EACH DIRECTIONS.



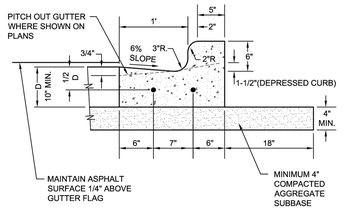
SAWED CONSTRUCTION JOINT



EXPANSION JOINT

2.03 CONCRETE PAVEMENT JOINT DETAILS

SCALE: NONE



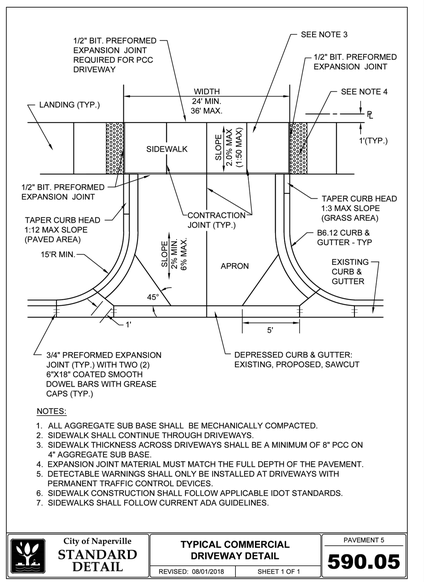
NOTES:

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

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

2.01 CONCRETE CURB & GUTTER DETAIL

SCALE: NONE



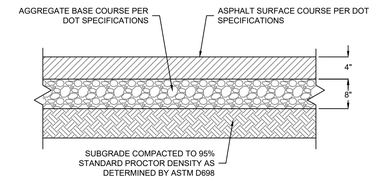
NOTES:

1. ALL AGGREGATE SUB BASE SHALL BE MECHANICALLY COMPACTED.
2. SIDEWALK SHALL CONTINUE THROUGH DRIVEWAYS.
3. SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE A MINIMUM OF 8" PCC ON 4" AGGREGATE SUB BASE.
4. EXPANSION JOINT MATERIAL MUST MATCH THE FULL DEPTH OF THE PAVEMENT.
5. DETECTABLE WARNINGS SHALL ONLY BE INSTALLED AT DRIVEWAYS WITH PERMANENT TRAFFIC CONTROL DEVICES.
6. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE IDOT STANDARDS.
7. SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.

City of Naperville STANDARD DETAIL	TYPICAL COMMERCIAL DRIVEWAY DETAIL	PAVEMENT 5 590.05
	REVISED: 08/01/2018	SHEET 1 OF 1

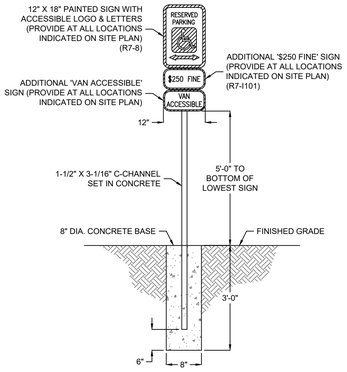
2.07 ASPHALT APRON

SCALE: NONE



2.06 ASPHALT PAVEMENT

SCALE: NONE

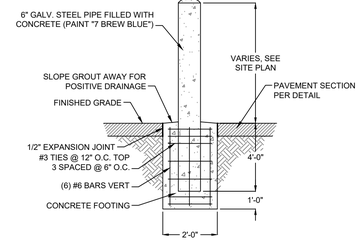


NOTES:

1. CONTRACTOR NEEDS TO INSTALL SIGN USING FLEXPOST-XL.
2. REFER TO NAPERVILLE STANDARD DETAIL 590.35 FOR SIGNAGE.

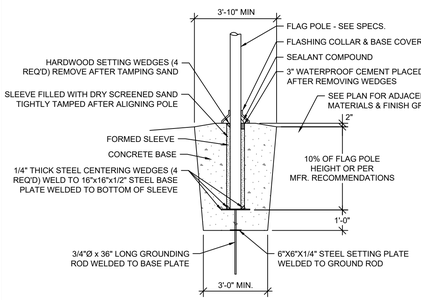
6.03 ADA ACCESSIBLE SIGN DETAIL

SCALE: NONE



2.09 PIPE BOLLARD

SCALE: NONE



2.10 FLAG POLE BASE DETAIL

SCALE: NONE

SEVEN 73 BREW COFFEE DRIVE THRU

MATTHEW STEVEN MILLER 062.065164 3/1/2024

ENGINEER OF RECORD:

NAME: MATTHEW MILLER

LICENSE NO. IL# 062-065164

PROJECT NUMBER:

104 001

REVISION:

⚠ 03-01-2024 CITY REVIEW COMMENTS

7 BREW COFFEE

NAPERVILLE, IL

1203 IROQUOIS AVENUE
NAPERVILLE, IL 60563

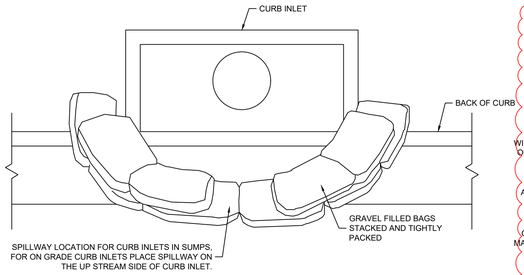
TOTH & ASSOCIATES

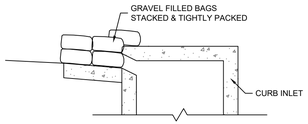
1550 E. REPUBLIC ROAD
SPRINGFIELD, MO 65804
Ph: 417-888-0645 Fax: 417-888-0657
www.tothassociates.com
IL# 63620661

DETAILS

C7.1

DATE: 03/01/2024



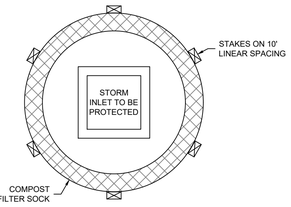


CROSS SECTION

NOTES:

1. PLACE CURB INLET SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS OR IN SUMPS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. BAGS, OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. LEAVE ONE BAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH RAINFALL EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

1.04 CURB INLET SEDIMENT BARRIER DETAIL
SCALE: NONE

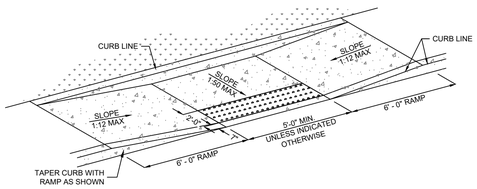


INSTALL COMPOST FILTER SOCK FOR INLET PROTECTION. COMPOST FILTER SOCK TO SURROUND STORM INLET TO PROVIDE ADEQUATE PROTECTION FROM SEDIMENT, DEBRIS & INFILTRATION INTO INLET. SEE COMPOST FILTER SOCK DETAIL FOR INSTALLATION.

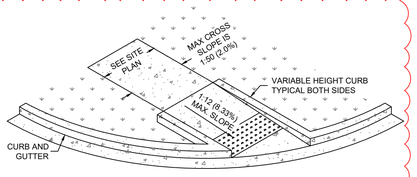
1.05 STORM INLET PROTECTION DETAIL
SCALE: NONE

NOTES:

1. DETECTABLE WARNING ON RAMP SURFACE SHALL CONSIST OF TRUNCATED DOMES (FOR THE ENTIRE WIDTH OF THE RAMP) AND SHALL CONTRAST VISUALLY W/ ADJOINING SURFACES. PROVIDE ARMOR-TILE ADA TACTILE EPOXY POLYMER CAST IN PLACE WARNING TILES WITH TRUNCATED DOMES OR APPROVED EQUAL.
2. TRUNCATED DOMES SHALL HAVE A DIAMETER OF 0.9 INCH AT THE BOTTOM, A DIAMETER OF 0.4 INCH AT THE TOP, A HEIGHT OF 0.2 INCH AND A CENTER-TO-CENTER SPACING OF 1.7 INCHES MEASURED ALONG ONE SIDE OF A SQUARE ARRANGEMENT.



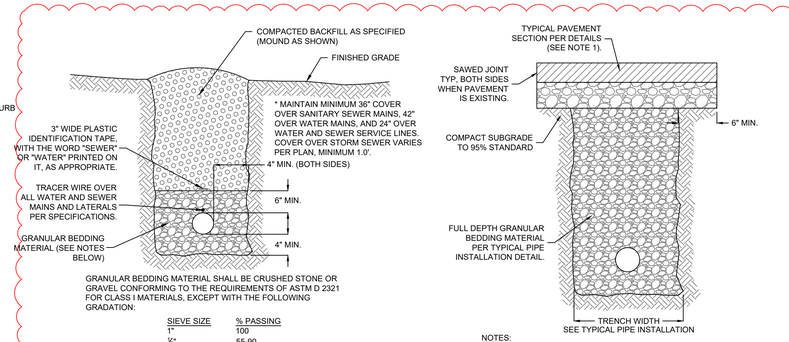
2.12 TYPE 2 CURB RAMP DETAIL
SCALE: NONE



NOTES:

1. ENSURE THAT THE INSIDE EDGE OF CURVED RAMPS MAINTAIN AN 8.33% SLOPE MAXIMUM.
2. THE COUNTER SLOPE OF THE GUTTER ON STREET AT THE FOOT OF CURB RAMP RUNS, BLENDED TRANSITIONS AND TURNING SPACES SHALL BE 5% MAXIMUM.
3. CURB RAMPS IN THE PUBLIC ROW MUST CONFORM TO NAPERVILLE OR IDOT STANDARD DETAILS.

2.13 TYPE 3 CURB RAMP DETAIL
SCALE: NONE



SIEVE SIZE	% PASSING
1"	100
½"	55-90
NO. 4	8-40
NO. 10	0-15
NO. 200	0-4

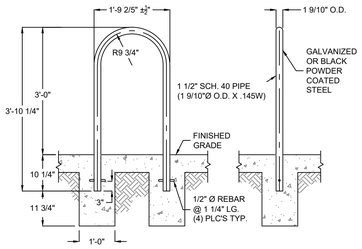
TYPICAL

NOTES:

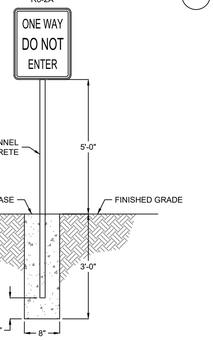
1. INCREASE ASPHALT PAVEMENT SECTION THICKNESS BY 1.5 TIMES THE RECOMMENDED PAVEMENT THICKNESS WHERE PIPES ARE TO BE INSTALLED UNDER EXISTING PAVEMENT.

UNDER PAVEMENT

4.01 PIPE INSTALLATION
SCALE: NONE



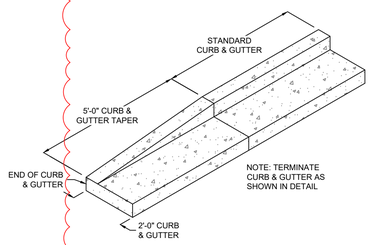
2.17 BICYCLE RACK
SCALE: NONE



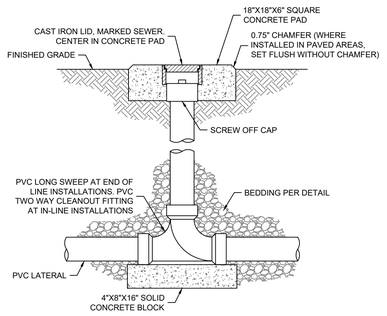
NOTES:

1. CONTRACTOR NEEDS TO INSTALL SIGN USING FLEXPOST-XL.

2.16 TYPICAL SIGN POST DETAIL
SCALE: NONE



2.15 CURB TRANSITION DETAIL
SCALE: NONE

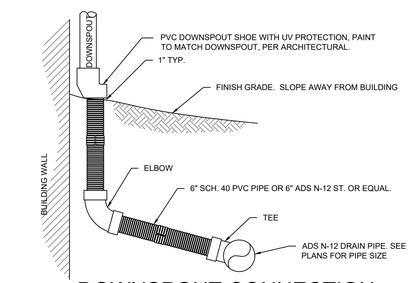


SECTION VIEW

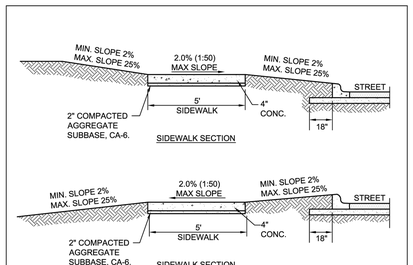
NOTES:

1. SIZE AND MATERIAL OF FITTINGS AND PIPE TO MATCH THAT OF LATERAL.
2. INSTALL CLEANOUTS AT ALL BENDS AND AT MAXIMUM 50' SPACING.

4.02 SANITARY SEWER CLEANOUT DETAIL
SCALE: NONE



4.03 DOWNSPOUT CONNECTION
SCALE: NONE

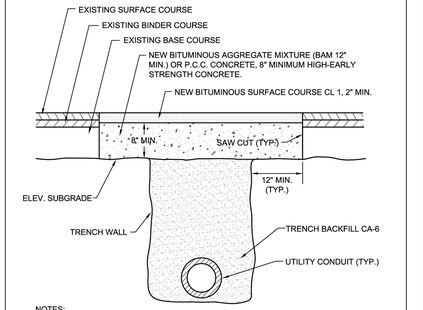


NOTES:

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

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

2.18 SIDEWALK DETAIL
SCALE: NONE

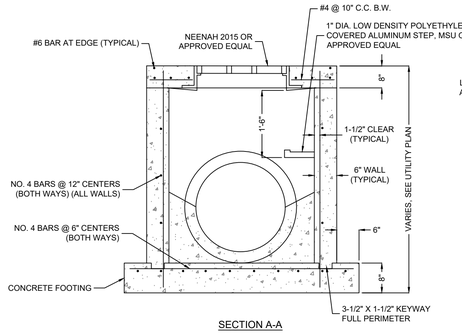


NOTES:

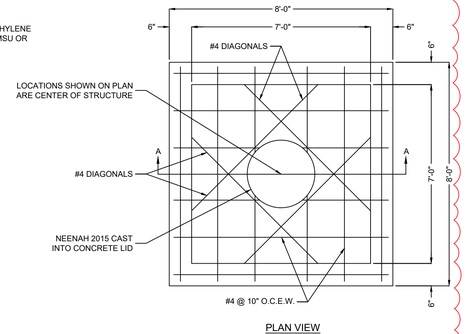
1. THE TRENCH SHALL BE BACKFILLED WITH AGGREGATE (CA-6) AND COMPACTED TO 95% OF THE STANDARD PROCTOR DENSITY. TRENCH SPOILS OR EXCAVATED MATERIAL SHALL BE DISCARDED BY THE CONTRACTOR, AT HIS EXPENSE, AT DUMP SITES OR IN A SUITABLE FASHION AS APPROVED BY THE CITY ENGINEER.
2. PRIOR TO PLACING OF P.C.C.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

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

4.06 ROW UTILITY TRENCH DETAIL
SCALE: NONE



SECTION A-A



PLAN VIEW

4.05 AREA INLET DETAIL
SCALE: NONE

NOTES:

1. USE CLASS "A" CONCRETE (AE) THROUGHOUT.
2. FLOOR OF INLET SHALL BE SHAPED WITH NON-REINFORCED CLASS "A" CONCRETE (AE) INVERT TO PROVIDE SMOOTH FLOW.
3. EXPANSION JOINTS SHALL BE EITHER HOT OR COLD POURED JOINT SEALING COMPOUND, OR PREMOLDED EXPANSION JOINT FILLER.
4. STEEL INLET FRAME SPACERS SHALL BE PLACED AT EQUAL SPACINGS, NOT TO EXCEED 4'-0".
5. BEVEL ALL EXPOSED EDGES WITH ¾" TRIANGULAR MOLDING.

SEVEN 7 BREW COFFEE DRIVE THRU

MATTHEW STEVEN MILLER 062.065164

ENGINEER OF RECORD:
NAME: MATTHEW MILLER
LICENSE NO. IL# 062-065164

PROJECT NUMBER:
104 001

REVISION:
1 03-01-2024 CITY REVIEW COMMENTS

7 BREW COFFEE
NAPERVILLE, IL
1203 IROQUOIS AVENUE
NAPERVILLE, IL 60563

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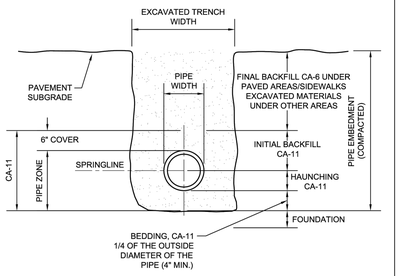
DETAILS
C7.2
DATE: 03/01/2024



NOTES:

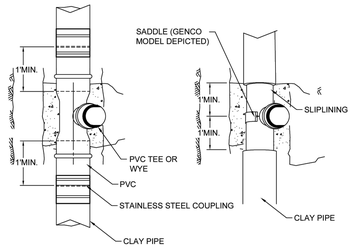
1. IN PAVED AREAS, ALL TRENCHES MUST BE COMPACTED IN CONFORMANCE WITH SECTION 550.07 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
2. IF FOUNDATION IS UNSUITABLE TO BED PIPE, UNDERCUTS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

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

4.07 TRENCH SECTION FOR PVC PIPE
SCALE: NONE

FIGURE 1
STANDARD TEE CONNECTION
EXISTING CLAY ON PVC

FIGURE 2
STANDARD SADDLE CONNECTION
EXISTING PVC OR LINED PIPE



STANDARD TEE CONNECTION-FIGURE 1

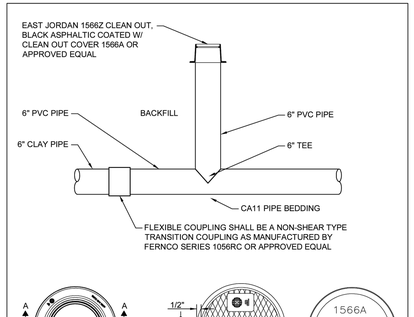
1. BYPASS OR RESTRICT FLOW IN PIPE AS REQUIRED.
2. SAW CUT AND REMOVE EXISTING PIPE TO MINIMUM EXTENT SHOWN IN FIGURE 1.
3. INSTALL STANDARD PVC TEE AND PIPE AS SHOWN, PVC SHALL BE SDR26, ASTM 2241.
4. FLEXIBLE COUPLING SHALL BE A NON-SHEARING TYPE TRANSITION COUPLING: FERNCO STRONG BACK RC 1000 SERIES, CASCADE STYLE CSS COUPLING, OR APPROVED EQUAL.

STANDARD SADDLE CONNECTION FIGURE 2

1. FOR LINED PIPE CAREFULLY REMOVE OLD CLAY PIPE TO MINIMUM EXTENT SHOWN WITHOUT DAMAGING LINER PIPE.
2. HOLES FOR SADDLE INLET SHALL BE LAID OUT USING SADDLE AS TEMPLATE AND CUT WITH APPROPRIATE EQUIPMENT NOT DAMAGE THE PIPE TO REMAIN. HOLE TO BE BE DE BURRED AND BEVELED WHERE REQUIRED TO PROVIDE HOLE SLOPE TO CONFORM TO THE FITTING.
3. SADDLE SHALL BE SEALTITE TEE "U" MODEL 40 BY GENCO, CASCADE STYLE CSWRY OR CSWRT, OR APPROVED EQUAL.

City of Naperville STANDARD DETAIL	SANITARY SEWER SERVICE CONNECTION	SANITARY 21
	REVISED: 08/01/2018 SHEET 1 OF 1	390.21

4.08 SANITARY SEWER SERVICE CONNECTION
SCALE: NONE



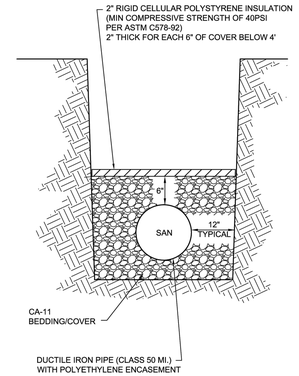
1566A CLEAN OUT/MONUMENT BOX COVER

1566Z CLEAN OUT BOX FRAME

City of Naperville STANDARD DETAIL	SANITARY SEWER CLEANOUT	SANITARY 23
	REVISED: 10/04/2023 SHEET 1 OF 1	390.23

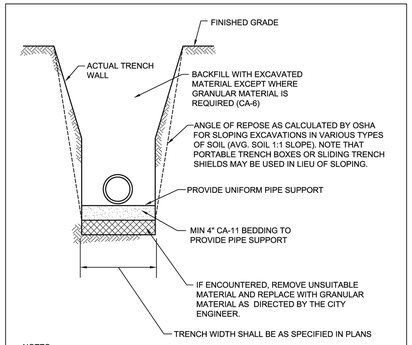
4.09 SANITARY SEWER CLEANOUT
SCALE: NONE

THE INSTALLATION OF THIS APPLICATION MUST BE APPROVED IN WRITING BY THE DEPARTMENT OF PUBLIC UTILITIES WATER CIVIL ENVIRONMENTAL ENGINEERING DIVISION



City of Naperville STANDARD DETAIL	SANITARY SEWER PIPE INSULATION	SANITARY 22
	REVISED: 01/01/2013 SHEET 1 OF 1	390.22

4.10 SANITARY SEWER PIPE INSULATION
SCALE: NONE



NOTES:

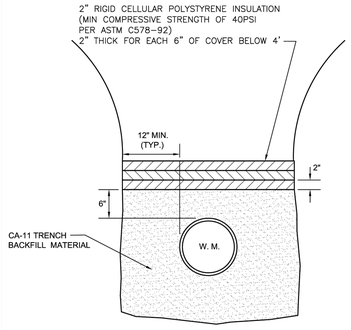
1. IN PAVED AREAS ALL TRENCHES SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 550.07 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. METHOD 1. 95% MINIMUM STANDARD PROCTOR.

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

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

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

4.11 WATER MAIN TRENCH SECTION
SCALE: NONE



NOTE:
THIS METHOD MAY ONLY BE USED WHEN A MINIMUM 5' DEPTH TO THE TOP OF PIPE CANNOT BE ACHIEVED AND ONLY WITH THE WRITTEN APPROVAL OF THE CIVIL ENVIRONMENTAL ENGINEERING & CONSTRUCTION MANAGEMENT DIVISION, DEPARTMENT OF PUBLIC UTILITIES - WATER.

City of Naperville STANDARD DETAIL	PIPE INSULATION	WATER 12
	REVISED: 01/01/2013 SHEET 1 OF 1	490.12

4.12 PIPE INSULATION
SCALE: NONE

SEVEN 7 BREW COFFEE DRIVE THRU

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DETAILS
C7.3
DATE: 03/01/2024