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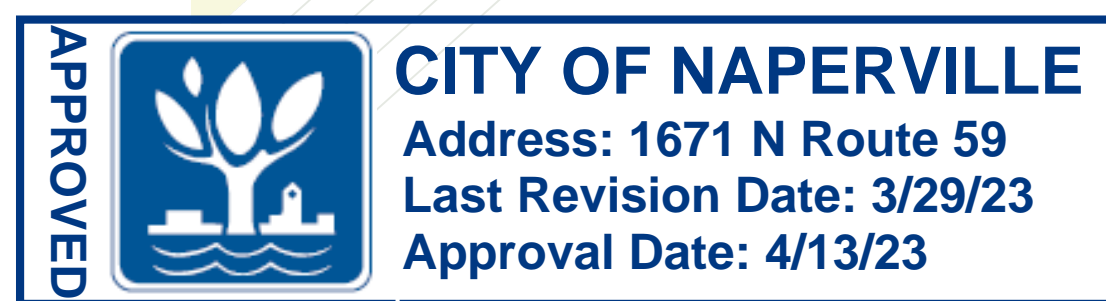
FINAL SITE IMPROVEMENT PLANS

FOR

NAPERVILLE DUNKIN' GO

1671 N IL 59

NAPERVILLE, ILLINOIS 60563



SECOND FLOOR USE - OFFICE

ARCHITECTURAL PLANS WILL INCLUDE THE PREFERRED SERVICE VOLTAGE LEVEL, EXPECTED BUILDING LOAD, AND AN ELECTRICAL 1-LINE SHOWING ELECTRIC SERVICE. THE DEVELOPER WILL SUBMIT A COMPLETED SERVICE LOADING SPREADSHEET FOR EACH BUILDING AND RETURN TO THE DPUE ENGINEER.

CALL J.U.L.I.E. 1-800-892-0123
WITH THE FOLLOWING:
COUNTY DUPAGE
CITY, TOWNSHIP NAPERVILLE, NAPERVILLE
SEC. & SEC. NO. SEC 3, T38N, R9E

48 HOURS BEFORE YOU DIG.
EXCLUDING SAT., SUN. & HOLIDAYS

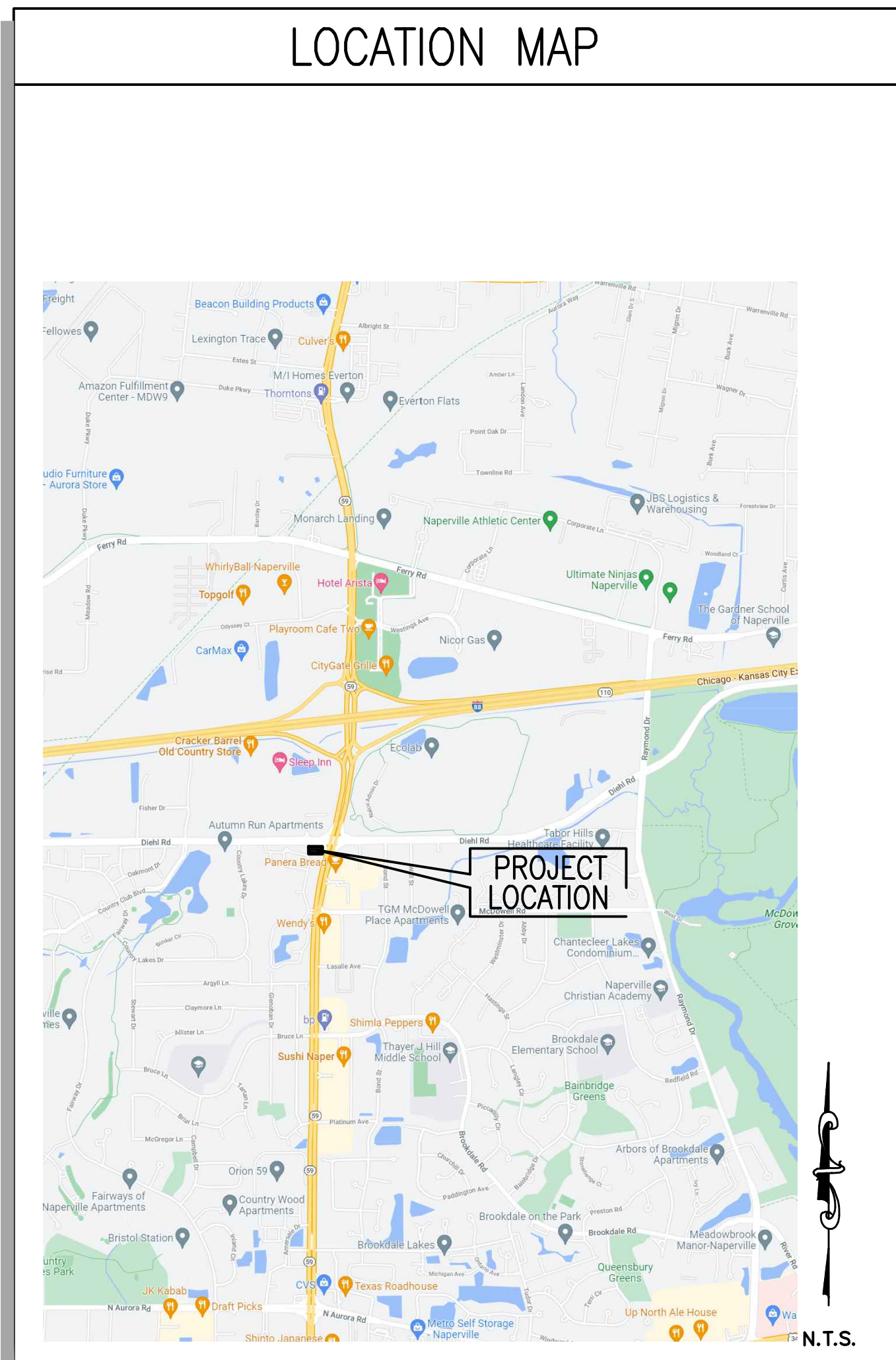
DEVELOPER
PRAKASH PATEL
352 JENNIFER LANE
ROSELLE, IL 60172
P: (630) 697-8218

ADVANTAGE NOTE
ADVANTAGE CONSULTING ENGINEERS IS TO BE NOTIFIED AT LEAST THREE (3) DAYS PRIOR TO CONSTRUCTION. STAKING REQUESTS FIVE (5) DAYS NOTICE BETWEEN SEPTEMBER 15th AND DECEMBER 15th AND SHALL BE INCLUDED IN THE PRECONSTRUCTION MEETINGS

THESE PLANS ARE COLOR CODED. CONTRACTOR/REVIEWER WILL NEED TO PRINT IN COLOR OR VIEW PDF.

BENCHMARK
ELEVATION:
DESCRIPTION: SEE SHEET EX1 FOR BENCHMARK INFORMATION

EXISTING TOTAL SITE AREA: 0.53 ACRES
PROPOSED PROJECT AREA: 0.53 ACRES



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SHEET #	SHEET I.D.	SHEET DESCRIPTION
1	C1	COVER SHEET
2	TS1	GENERAL NOTES AND TYPICAL SECTIONS
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4	L1	GEOMETRIC PLAN
5	G1	GRADING PLAN
6	U1	UTILITY PLAN
7-8	SE1-SE2	STORM WATER POLLUTION PREVENTION PLAN
9	SE3	SOIL EROSION AND SEDIMENT CONTROL PLAN
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11-12	D1-D2	DETAILS

REVISIONS			
ORIGINAL PLAN DATE:		MARCH 04, 2022	
#	SHEET #	REMARKS	DATE
1	1-6,9,10	REVISED PER NAPERVILLE	01/09/23
2	6,10	REVISED PER NAPERVILLE	03/10/23
3	6	REVISED PER NAPERVILLE	03/29/23

William J. Zaleski
ENGINEER
WILLIAM J. ZALESKI, P.E.
BILL@ACENG.US
ILLINOIS REGISTRATION NO.: 062-046121
EXPIRATION DATE: 11/30/2023
PROFESSIONAL DESIGN FIRM NO.: 184-007386
EXPIRATION DATE: 4/30/2023
THESE PLANS OR ANY PART THEREOF SHALL BE CONSIDERED VOID WITHOUT THE SIGNATURE, SEAL, AND EXPIRATION DATE OF SEAL OF THE ENGINEER

03/29/2023
DATE

ADVANTAGE CONSULTING ENGINEERS
 80 MAIN STREET - SUITE 17 - LEMONT, ILLINOIS 60439
 847-260-4758 www.aceng.us
 22-010
 NAPERVILLE DG
 MAR 29, 2023
 ACE

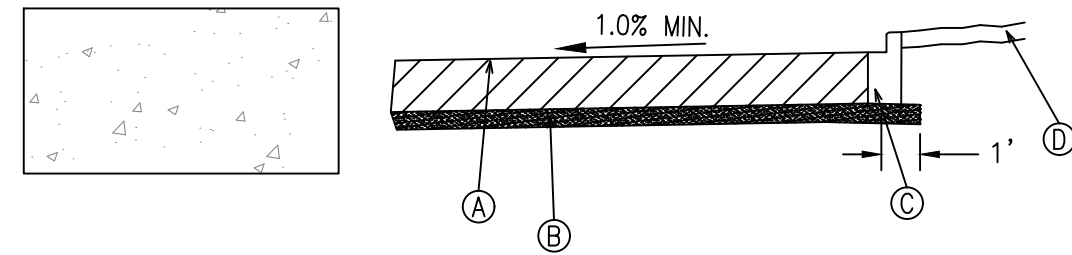
CITY OF NAPERVILLE STANDARD GENERAL NOTES

- THE OWNER OR HIS/HER/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 ENTER ONTO PRIVATE PROPERTY.
- 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 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 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.
- 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 WEDNESDAYS 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.
- THE CITY OF NAPERVILLE DPW-W/W DOES NOT GUARANTEE THAT ANY VALVE OR FITTING IN THE EXISTING WATER DISTRIBUTION SYSTEM WILL HOLD AGAINST A HYDROSTATIC/LEAKAGE TEST. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING AN ACCEPTABLE PRESSURE TEST WHICH SHALL INCLUDE PROVISIONS AROUND EXISTING VALVES AND FITTINGS.
- THE CONTRACTOR SHALL PROVIDE INTERNAL TELEVIEWED INSPECTION OF ALL INSTALLED SANITARY SEWER, LATERALS, MANHOLES AND CONNECTIONS TO THE PUBLIC SYSTEM. FOLLOWING COMPLETION OF TELEVIEWING WORK, THE CONTRACTOR SHALL SUBMIT VIDEO RECORDINGS ON DVD OR FLASH DRIVE ALONG WITH A COMPREHENSIVE TELEVIEWING REPORT WHICH WILL INDICATE THE LOCATION, FOOTAGES AND NATURE OF ANY DEFECTS. ALL DEFECTS SHALL BE REPAIRED TO THE SATISFACTION OF THE WATER/WASTEWATER UTILITY AND RE-TELEVIEWED.



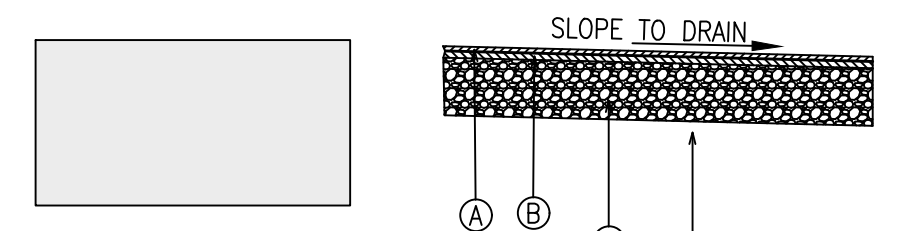
GENERAL NOTES

- ALL PAVING AND RELATED CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION BY ILLINOIS DEPARTMENT OF TRANSPORTATION AND IN ACCORDANCE WITH THE LATEST EDITION OF THE SUBDIVISION REGULATIONS OF THE MUNICIPALITY. IN CASE OF CONFLICT, MUNICIPALITY CODE SHALL TAKE PRECEDENCE.
- ALL STORM SEWER, SANITARY SEWER AND WATER MAIN CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION, AND IN ACCORDANCE WITH THE CURRENT SUBDIVISION REGULATIONS OF THE MUNICIPALITY UNLESS OTHERWISE NOTED ON THE PLANS.
- STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, CONSTRUCTION PLANS, AND SUBSEQUENT DETAILS ARE ALL TO BE CONSIDERED AS PART OF THE CONTRACT. INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE CONSIDERED A PART OF THIS CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE ENGINEER DOES NOT WARRANT THE LOCATION OF ANY EXISTING UTILITIES SHOWN ON THE PLAN. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 800-892-0123, AND THE MUNICIPALITY FOR UTILITY LOCATIONS.
- NO CONSTRUCTION PLAN SHALL BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY MARKED "FOR CONSTRUCTION." PRIOR TO COMMENCEMENT OF CONSTRUCTION THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES WITH WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTIONS ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- NOTIFICATION OF COMMENCING CONSTRUCTION
 - THE CONTRACTOR SHALL NOTIFY THE OWNER AND/OR HIS REPRESENTATIVE AND THE AFFECTED GOVERNMENTAL AGENCIES IN WRITING AT LEAST THREE FULL WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL NOTIFY AS NECESSARY, ALL TESTING AGENCIES, EITHER MUNICIPALITY'S OR THE OWNER'S, SUFFICIENTLY IN ADVANCE OF CONSTRUCTION.
 - FAILURE OF CONTRACTOR TO ALLOW PROPER NOTIFICATION TIME WHICH RESULTS IN TESTING COMPANIES TO BE UNABLE TO VISIT SITE AND PERFORM TESTING WILL CAUSE CONTRACTOR TO SUSPEND OPERATION (PERTAINING TO TESTING) UNTIL TESTING AGENCY CAN SCHEDULE TESTING OPERATIONS. COST OF SUSPENSION OF WORK TO BE BORNE BY CONTRACTOR.
- ALL CONTRACTORS SHALL KEEP ACCESS AVAILABLE AT ALL TIMES FOR ALL TYPES OF TRAFFIC. AT NO TIME SHALL ACCESS BE DENIED TO PROPERTIES SURROUNDING THE SITE.
- ALL PROPOSED ELEVATIONS SHOWN ON THE PLANS ARE FINISHED SURFACE ELEVATIONS, UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES UNTIL THEY ARE NO LONGER NEEDED. ANY STAKES DESTROYED OR DISTURBED BY THE CONTRACTOR PRIOR TO THEIR USE SHALL BE RESET BY THE DEVELOPER'S ENGINEER AT CONTRACTOR'S COST.
- ALL FRAMES AND LIDS FOR STORM AND SANITARY SEWER STRUCTURES ARE TO BE ADJUSTED TO MEET FINAL FINISH GRADE. THIS ADJUSTMENT IS TO BE MADE BY THE SEWER CONTRACTOR AND THE COST IS TO BE CONSIDERED INCIDENTAL. THESE ADJUSTMENTS TO FINISHED GRADE WILL NOT ALLEVIATE THE CONTRACTOR FROM ANY ADDITIONAL ADJUSTMENTS AS REQUIRED BY THE MUNICIPALITY UPON FINAL INSPECTION OF THE PROJECT. FINAL GRADES TO BE DETERMINED BY THE MUNICIPALITY AT THE TIME OF FINAL INSPECTION AND MAY VARY FROM PLAN GRADE.
- ANY EXISTING SIGNS, LIGHT STANDARDS AND UTILITY POLES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND NOT NOTED FOR DISPOSAL SHALL BE REMOVED AND RESET BY THE CONTRACTOR AT HIS OWN EXPENSE AS DIRECTED BY THE ENGINEER. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE OWNER. ANY SIGNS NOT REQUIRED TO BE RESET, SHALL BE DELIVERED TO THE RESPECTIVE OWNERS.
- REMOVAL OF SPECIFIED ITEMS, INCLUDING BUT NOT LIMITED TO, PAVEMENT, SIDEWALK, CURB, CURB AND GUTTER, CULVERTS, ETC. SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT HIS OWN EXPENSE. HE IS RESPONSIBLE FOR ANY PERMIT REQUIRED FOR SUCH DISPOSAL.
- ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION OPERATIONS SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM OR SHALL BE RESTORED TO PROPER OPERATING CONDITION. A RECORD OF THE LOCATION OF ALL FIELD TILE OR DRAIN PIPE ENCOUNTERED SHALL BE KEPT BY THE CONTRACTOR AND TURNED OVER TO THE ENGINEER UPON COMPLETION OF THE PROJECT. THE COST OF THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BY OWNER & MUNICIPALITY.
- ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE GUARANTEED BY THE CONTRACTOR AND HIS SURETY FOR A PERIOD OF 12 MONTHS FROM THE DATE OF FINAL ACCEPTANCE OF THE PROJECT AND THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF WHATEVER NATURE DURING THAT PERIOD.
- BEFORE ACCEPTANCE BY THE OWNER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED BY THE OWNER OR HIS REPRESENTATIVE. FINAL PAYMENT WILL BE MADE AFTER ALL THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED.
- UPON AWARDING OF THE CONTRACT AND WHEN REQUIRED BY THE MUNICIPALITY, THE CONTRACTOR SHALL FURNISH A LABOR, MATERIAL AND PERFORMANCE BOND & INSURANCE IN THE AMOUNT REQUIRED BY THE MUNICIPALITY GUARANTEEING COMPLETION OF THE WORK. THE UNDERWRITER SHALL BE ACCEPTABLE TO THE MUNICIPALITY.
- EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH LOCATIONS OF THE NEW CONSTRUCTION, ADVANTAGE CONSULTING ENGINEERS IS RESPONSIBLE TO RESOLVE THE CONFLICT. ADVANTAGE CONSULTING ENGINEERS IS NOT RESPONSIBLE FOR THE COST OF CONSTRUCTION.
- OWNER SHALL OBTAIN EASEMENTS AND PERMITS NECESSARY TO FACILITATE CONSTRUCTION OF THE PROPOSED UTILITIES. THE CONTRACTOR, HOWEVER, SHALL FURNISH ALL REQUIRED BONDS AND EVIDENCE OF INSURANCE NECESSARY TO SECURE THESE PERMITS.
- THE CONTRACTORS SHALL PLAN THEIR WORK BASED ON THEIR OWN BORINGS, EXPLORATIONS AND OBSERVATIONS TO DETERMINE SOIL CONDITIONS AT THE LOCATION OF THE PROPOSED WORK.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ON THE JOB IN ACCORDANCE WITH OSHA REGULATIONS.
- THE CONTRACTOR SHALL COLLECT AND REMOVE ALL CONSTRUCTION DEBRIS, EXCESS MATERIALS, TRASH, OIL AND GREASE RESIDUE, MACHINERY, TOOLS AND OTHER MISCELLANEOUS ITEMS WHICH WERE NOT PRESENT PRIOR TO PROJECT COMMENCEMENT AT NO ADDITIONAL EXPENSE TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY AND ALL PERMITS NECESSARY FOR THE HAULING AND DISPOSAL, REQUIRED FOR CLEAN-UP AS DIRECTED BY THE ENGINEER OR OWNER. BURNING ON THE SITE IS NOT PERMITTED.
- IT SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE PROPER BARRICADING, WARNING DEVICES AND THE SAFE MANAGEMENT OF TRAFFIC WITHIN THE AREA OF CONSTRUCTION. ALL SUCH DEVICES AND THEIR INSTALLATION SHALL CONFORM TO THE ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS, LATEST EDITION AND IN CONFORMANCE WITH REGULATIONS OF THE MUNICIPALITY OR D.O.T.
- NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN APPROVED BY THE MUNICIPALITY. APPROVAL TO PROCEED MUST BE OBTAINED FROM THE MUNICIPALITY PRIOR TO INSTALLING PAVEMENT BASE, BINDER, SURFACE AND PRIOR TO POURING ANY CONCRETE. AFTER FORMS HAVE BEEN SET.
- ALL EXISTING UTILITIES OR IMPROVEMENTS, INCLUDING WALKS, CURBS, PAVEMENT AND PARKWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE PROMPTLY RESTORED TO THEIR RESPECTIVE ORIGINAL CONDITION.
- AT THE CLOSE OF EACH WORKING DAY AND AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.
- TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.
- LIMB PRUNING SHALL BE PERFORMED UNDER THE SUPERVISION OF AN APPROVED LANDSCAPE ARCHITECT AND SHALL BE UNDERTAKEN IN A TIMELY FASHION SO AS NOT TO INTERFERE WITH CONSTRUCTION.
- ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT HIS OWN EXPENSE.
- ALL CUTS OVER 1" IN DIAMETER SHALL BE MADE FLUSH WITH THE NEXT LARGE BRANCH. WOUNDS OVER 1" IN DIAMETER SHALL BE PAINTED WITH AN APPROVED TREE PAINT.
- ANY DEWATERING OF SEWER AND WATER TRENCHES AS WELL AS TEMPORARY SHEETING OR BRACING THAT MAY BE REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL NOT BE CONSIDERED EXTRA WORK. IN THE EVENT THAT SOFT MATERIALS WITH UNCONFINED COMPRESSIVE STRENGTH LESS THAN 0.5 TSF ARE ENCOUNTERED IN SEWER AND WATER MAIN CONSTRUCTION, THE CONTRACTOR SHALL (UPON APPROVAL OF THE OWNER AND/OR ENGINEER) OVER-EXCAVATE TO A DEPTH OF AT LEAST ONE (1) FOOT BELOW THE BOTTOM OF THE PIPE AND BACKFILL WITH COMPACTED CRUSHED STONE, PROPERLY FORMED TO FIT THE BOTTOM OF THE PIPE.
- CONTRACTOR SHALL VIDEO TAPE WORK AREA PRIOR TO CONSTRUCTION FOR THE PURPOSE OF DOCUMENTING EXISTING CONDITIONS.
- TRENCH BACKFILL WILL BE REQUIRED TO THE FULL DEPTH ABOVE ALL UNDERGROUND UTILITIES WITHIN TWO FEET OF PROPOSED OR EXISTING PAVEMENTS, UTILITIES, BUILDINGS, AND SIDEWALKS. THE TRENCH BACKFILL SHALL BE DONE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS. THE TRENCH BACKFILL AND BEDDING MATERIAL SHALL CONSIST OF CRUSHED GRAVEL CONFORMING TO IDOT GRADATION CA-6.
- WHERE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER, EXISTING DRAINAGE STRUCTURES AND SYSTEMS SHALL BE CLEANED OF DEBRIS AND PATCHED AS NECESSARY TO ASSURE INTEGRITY OF THE STRUCTURE. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STRUCTURES AND CONTRACT UNIT PRICE PER LINEAL FOOT FOR STORM SEWERS, WHICH SHALL BE PAYMENT IN FULL FOR CLEANING, PATCHING, REMOVAL AND DISPOSAL OF DEBRIS AND DIRT, DRAINAGE STRUCTURES AND SEWERS CONSTRUCTED AS PART OF THIS CONTRACT SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- HYDRANTS SHALL NOT BE FLUSHED DIRECTLY ON THE ROAD SUBGRADES. WHEREVER POSSIBLE, HOSES SHALL BE USED TO DIRECT THE WATER INTO STORM SEWERS. DAMAGE TO THE ROAD SUBGRADE OR LOT AREAS DUE TO EXCESSIVE WATER SATURATION AND/OR EROSION FROM HYDRANT FLUSHING OR FROM LEAKS IN THE WATER DISTRIBUTION SYSTEM, WILL BE THE RESPONSIBILITY OF THE CONTRACTOR FLUSHING OR USING HYDRANT TO MAKE ALL NECESSARY REPAIRS AT HIS EXPENSE. THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION WATER AT HIS EXPENSE.
- AFTER THE STORM SEWER SYSTEM HAS BEEN CONSTRUCTED THE CONTRACTOR SHALL PLACE EROSION CONTROL AT LOCATIONS SHOWN ON THE PLANS OR AS SELECTED IN THE FIELD BY THE ENGINEER. THE PURPOSE OF THE EROSION CONTROL WILL BE TO MINIMIZE THE AMOUNT OF SILTATION, WHICH NORMALLY WOULD ENTER THE STORM SEWER SYSTEM FROM ADJACENT AND/OR UPSTREAM DRAINAGE AREAS.
- EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH ILLINOIS URBAN MANUAL; AND SHALL BE MAINTAINED BY THE CONTRACTOR AND SHALL REMAIN IN PLACE UNTIL A SUITABLE GROWTH OF GRASS ACCEPTABLE TO THE ENGINEER HAS BEEN DEVELOPED.
- THE OWNER SHALL PROVIDE RECORD DRAWINGS PER MUNICIPAL REQUIREMENTS.



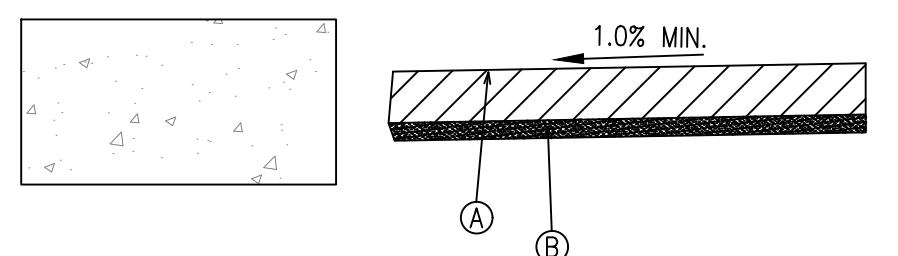
- A 8" PORTLAND CEMENT CONCRETE PAVEMENT W/6X6 WWF
- B 4" CRUSHED AGGREGATE SUB-BASE, CA-7, CLEAN GRAVEL
- C CONC. CURB & GUTTER, TYPE B-6.12
- D 6" TOP SOIL AND SEEDING WITH BLANKET

P.C.C. PAVEMENT SECTION



- A 2.0" BITUMINOUS CONCRETE SURFACE COURSE, HOT MIX ASPHALT, MIX. C, NSO
- B 4.0" BITUMINOUS CONCRETE BINDER COURSE, HOT MIX ASPHALT, IL 19, NSO
- C 12" CA-6 GRAVEL BASE
- D COMPACTED SUBGRADE

PARKING LOT PAVEMENT SECTION
N.T.S.



- A 10" PORTLAND CEMENT CONCRETE PAVEMENT W/6X6 WWF
- B 4" CRUSHED AGGREGATE SUB-BASE, TY. B.

SECTION: DUMPSTER PAD

CONTACTS

ENGINEER
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LEMONT, ILLINOIS 60439
PHONE: (630) 520-2467
CONTACT: WILLIAM J. ZALEWSKI

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352 JENNIFER LANE
ROSELLE, ILLINOIS 60172

ARCHITECT
PUROHIT ARCHITECTS
251 BRADWELL ROAD
INVERNESS, ILLINOIS 60010
PHONE: (847) 942-8777
CONTACT: HEMAL PUROHIT

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	STORM SEWER	
	WATER MAIN WITH SIZE	
	SANITARY SEWER	
	RIGHT-OF-WAY	
	CONTOUR	
	SPOT GRADE	
	SANITARY MANHOLE	
	SANITARY CLEANOUT	
	STORM MANHOLE	
	STORM INLET	
	STORM CATCH BASIN	
	FIRE HYDRANT	
	BUFFALO BOX	
	GATE VALVE W/VAULT	
	YARD DRAIN	
	STREET LIGHT	
	STREET LIGHT W/MAST	
	OVERFLOW DIRECTION	
	CURB	
	SILT FENCE	
	FENCE	
	CONSTRUCTION FENCE	
	ROAD SIGN	
	ELECTRIC	
	GAS	
	OVERHEAD WIRES	
	UTILITY POLE	
	DOWNSPOUT (TO UNDERGROUND)	
	DOWNSPOUT (TO SURFACE)	
	DEPRESSED CURB FOR RAMP/DRIVEWAY	
	TOP OF FOUNDATION	
	TOP OF CURB, DEPRESSED	
	TOP WALL, GROUND AT BOTTOM OF WALL	
	RIM FOR STRUCTURES	
	RISER FOR SANITARY SERVICE	
	HIGH/NORMAL WATER LEVEL	
	AUTOMATIC SPRINKLER	
	MAILBOX	
	TRAFFIC SIGNAL	
	TRAFFIC SIGNAL VAULT	
	TRAFFIC BOX	
	PEDESTAL	
	AIR CONDITIONER	
	WETLAND FLAG	
	TELEPHONE MANHOLE	
	ELECTRIC TOWER	
	ELECTRIC TRANSFORMER	
	ELECTRIC METER	
	ELECTRIC MANHOLE	
	GAS METER	
	GAS MANHOLE	
	WATER METER	
	HANDHOLE	
	IRON PIPE	
	RETAINING WALL	

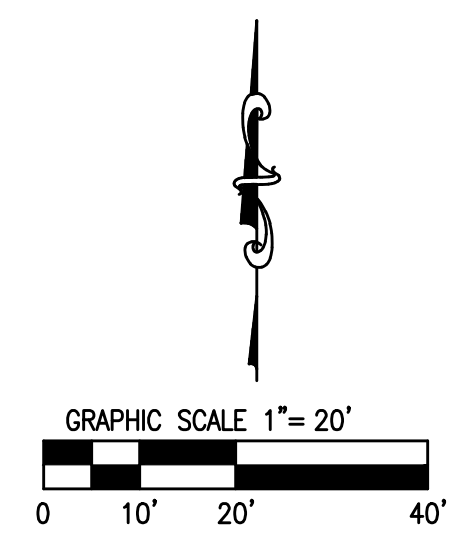
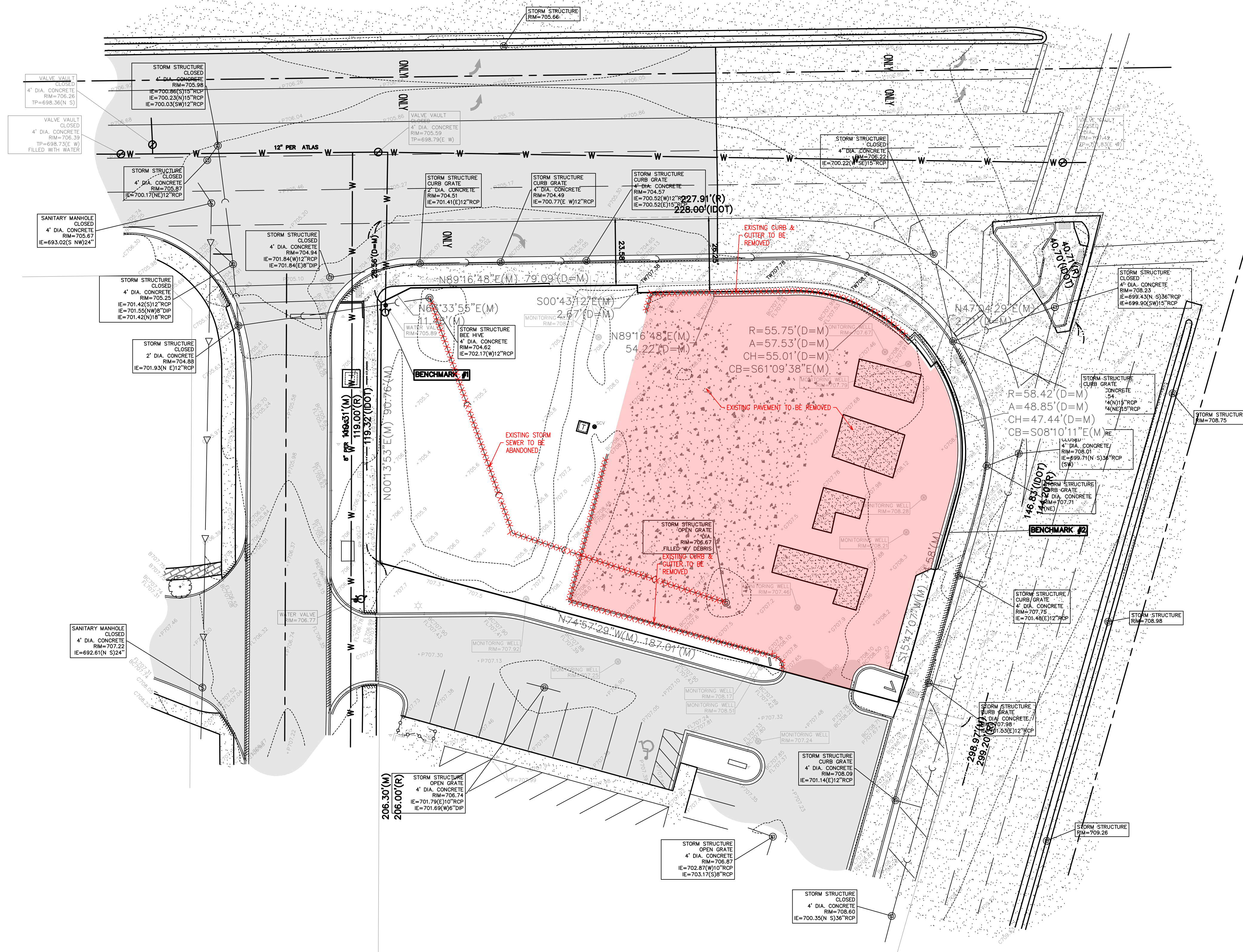
ADVANTAGE
CONSULTING ENGINEERS
80 MAIN STREET - SUITE 17 - LEMONT, ILLINOIS 60439
630-520-2467
WWW.ACEBOLUS

GENERAL NOTES AND TYPICAL SECTIONS
DUNKIN DONUTS
1671 N IL 59
NAPERVILLE, IL 60563

PATEL PRAKASH
352 JENNIFER LANE
ROSELLE, IL 60172

MARCH 04, 2022
JOB: 22-010

SHEET:
TS1
2 OF 12



BENCHMARKS

REFERENCE BENCHMARK:
 NATIONAL GEODETIC SURVEY MONUMENT #N4695
 STAINLESS STEEL ROD IN SLEEVE LOCATED 27 FEET SOUTH OF THE CENTERLINE OF FRANCIS ROAD AND 95 FEET EAST OF CENTERLINE OF LAKESIDE ROAD
 DATUM: NAVD 88
 ELEVATION = 642.88
 NAPERVILLE BENCH MARK # 8
 8" DIA. S.S. DATUM POINT ON TREADED 8"X1" ROD ENCLOSED IN SAND AND 6" PVC PIPE WITH ALUMINUM COVER LOCATED ON EAST SIDE RAYMOND DRIVE, 2802 FEET SOUTH OF DUPAGE COUNTY FOREST PRESERVE ENTRANCE
 ELEV - 711.40(NAVD 88)

SITE BENCHMARKS:
 SITE BENCHMARK #1
 NORTHWEST BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF INTERSECTION OF TOWNLINE ROAD AND VIRGINIA PARKWAY
 ELEVATION = 682.38
 SITE BENCHMARK #2
 NORTHWEST BOLT ON FIRE HYDRANT AT SOUTHEAST CORNER OF SITE
 ELEVATION = 671.39

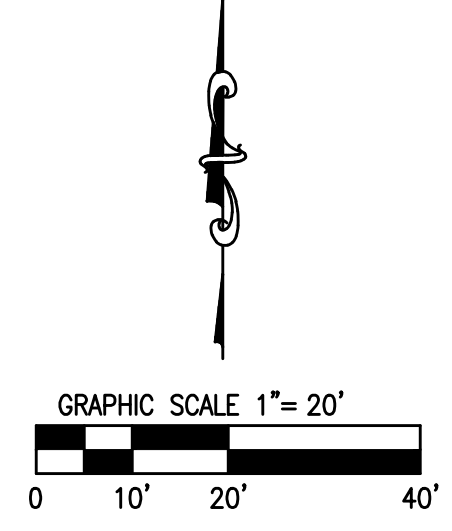
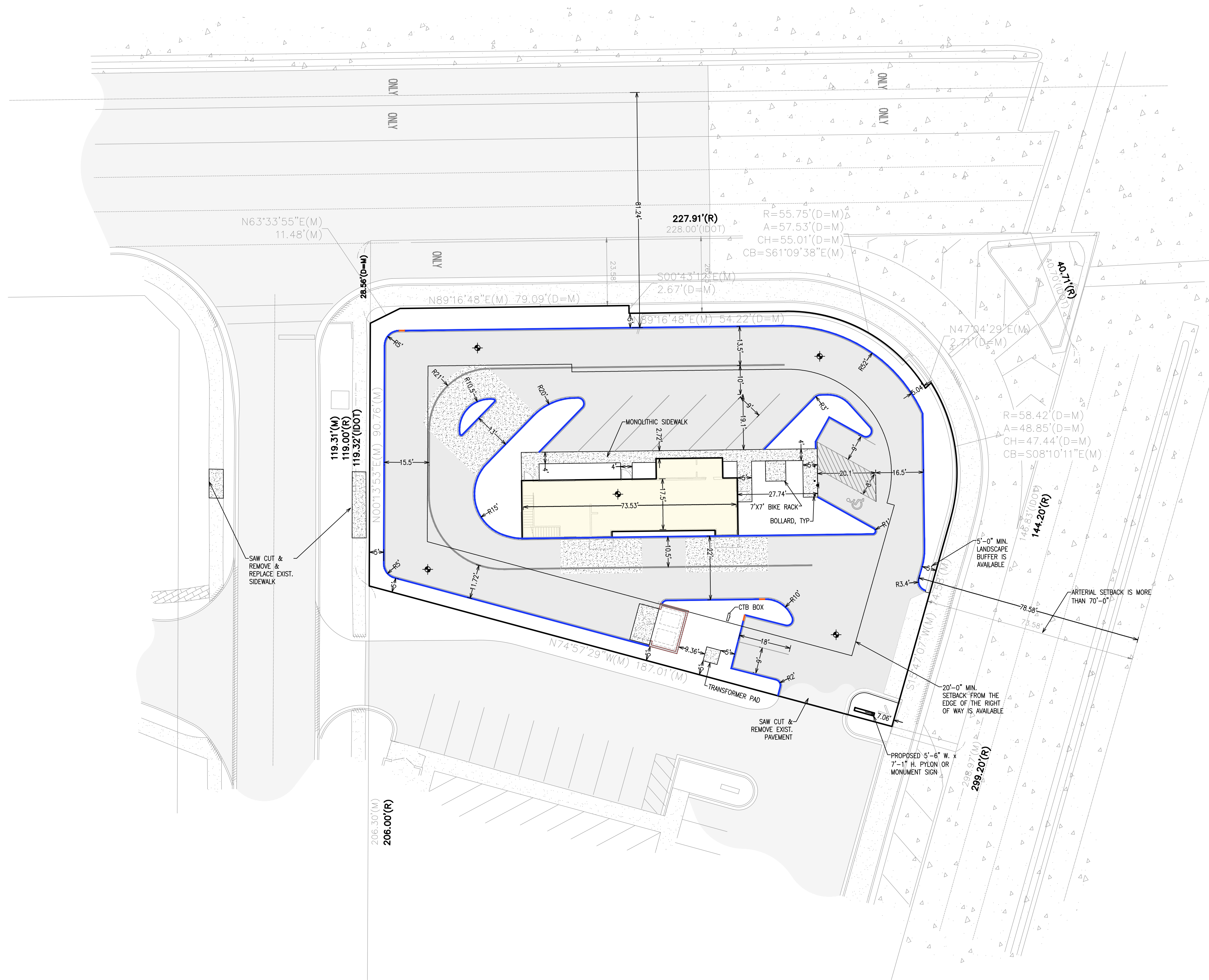
NOTE
 EXISTING TOPOGRAPHIC SURVEY & BOUNDARY PREPARED BY:
 COMPASS SURVEYING, LTD.

NO.	DATE	REVISIONS PER NAPERVILLE	REMARKS
1	07/09/2023		

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EXISTING CONDITIONS AND
 DEMOLITION PLAN
DUNKIN DONUTS
 1671 N IL 59
 NAPERVILLE, IL 60563

PATEL PRAKASH
 352 JENNIFER LANE
 ROSELLE, IL 60172



- CURB LEGEND (COLOR CODED):**
- B6-12 CURB & GUTTER
 - DEPRESSED C & G OR CURB OPENING
 - EOP LINE @ REGULAR PITCH GUTTER
 - EOP LINE @ REVERSE PITCH GUTTER
 - WHEEL STOP

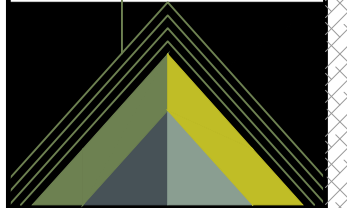
- NOTES:**
1. ALL DIMENSIONS ARE TO THE BACK OF CURB UNLESS NOTED OTHERWISE.
 2. ALL CONTRACTORS AND SUB-CONTRACTORS SHALL BE LICENSED BY THE CITY OF NAPERVILLE.
 3. ALL ELECTRICAL CONDUITS MUST BE AT LEAST 30" BELOW FINAL GRADE.
 4. ELECTRIC WIRING FOR LIGHT POLES SHALL BE IN EITHER 3/4" RIGID STEEL CONDUIT OR 1" HIGH DENSITY POLYETHYLENE.
 5. ALL PAVEMENT MARKINGS SHALL BE PAINT.

- SIGN LEGEND:**
- ① HANDICAP PARKING W/ \$350 FINE SIGN

PARKING SUMMARY	
REGULAR STALLS	9
H.C. STALLS	1
TOTAL STALLS	10

NO.	DATE	REMARKS
1	07/09/2023	REVISED PER NAPERVILLE
2	03/10/2023	REVISED PER NAPERVILLE

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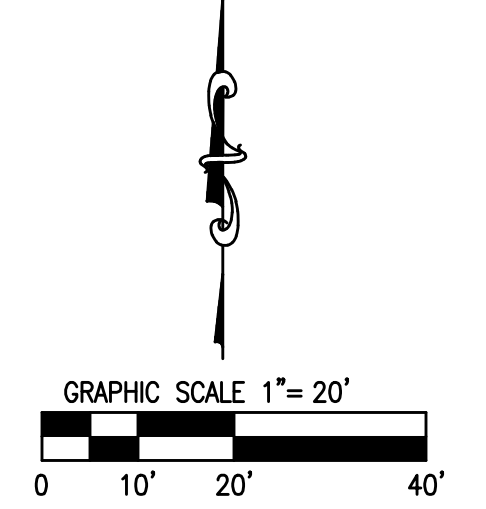
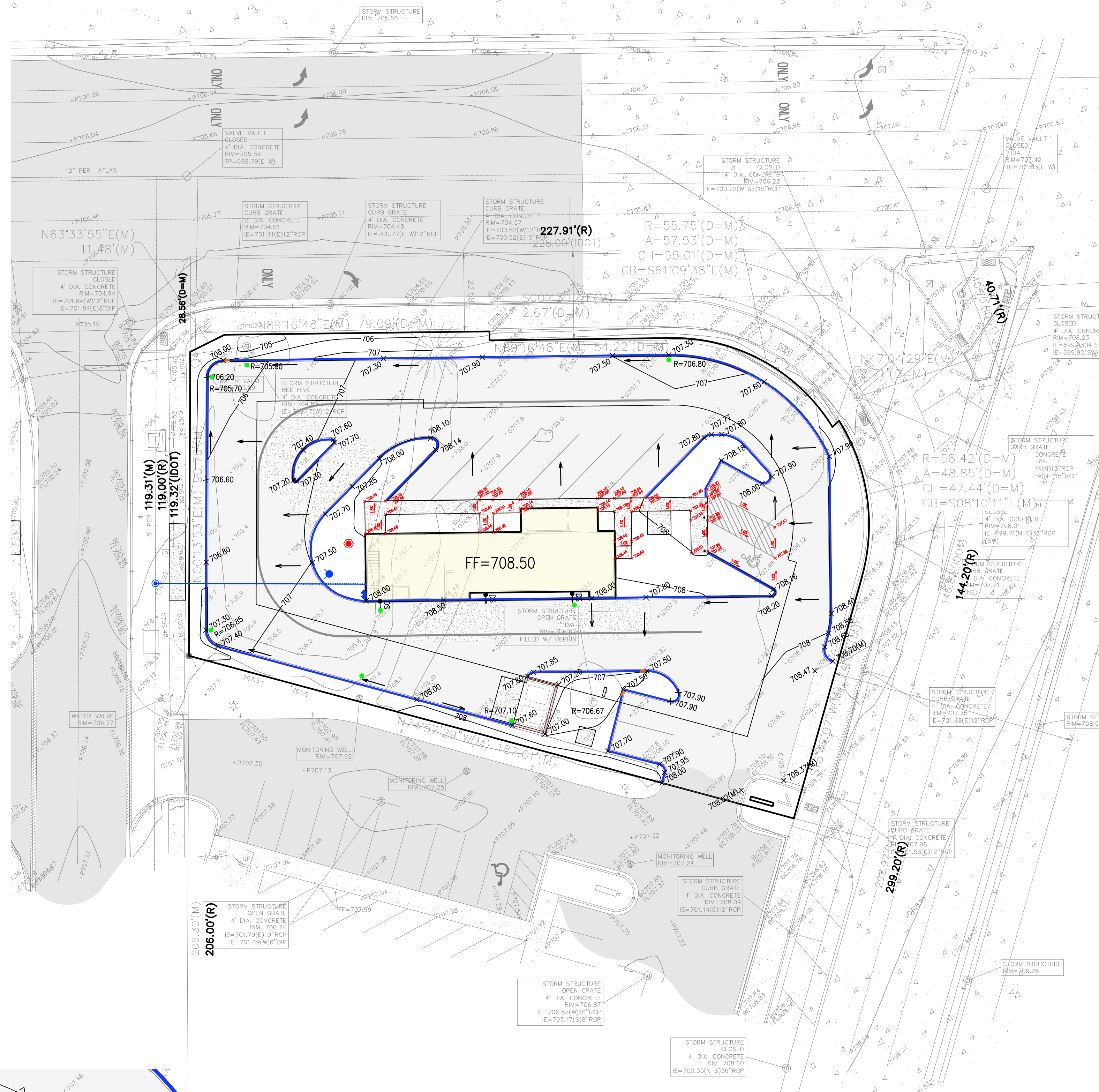


GEOMETRIC PLAN
DUNKIN DONUTS
 1671 N IL 59
 NAPERVILLE, IL 60563

PATEL PRAKASH
 352 JENNIFER LANE
 ROSELLE, IL 60172

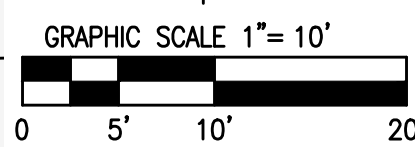
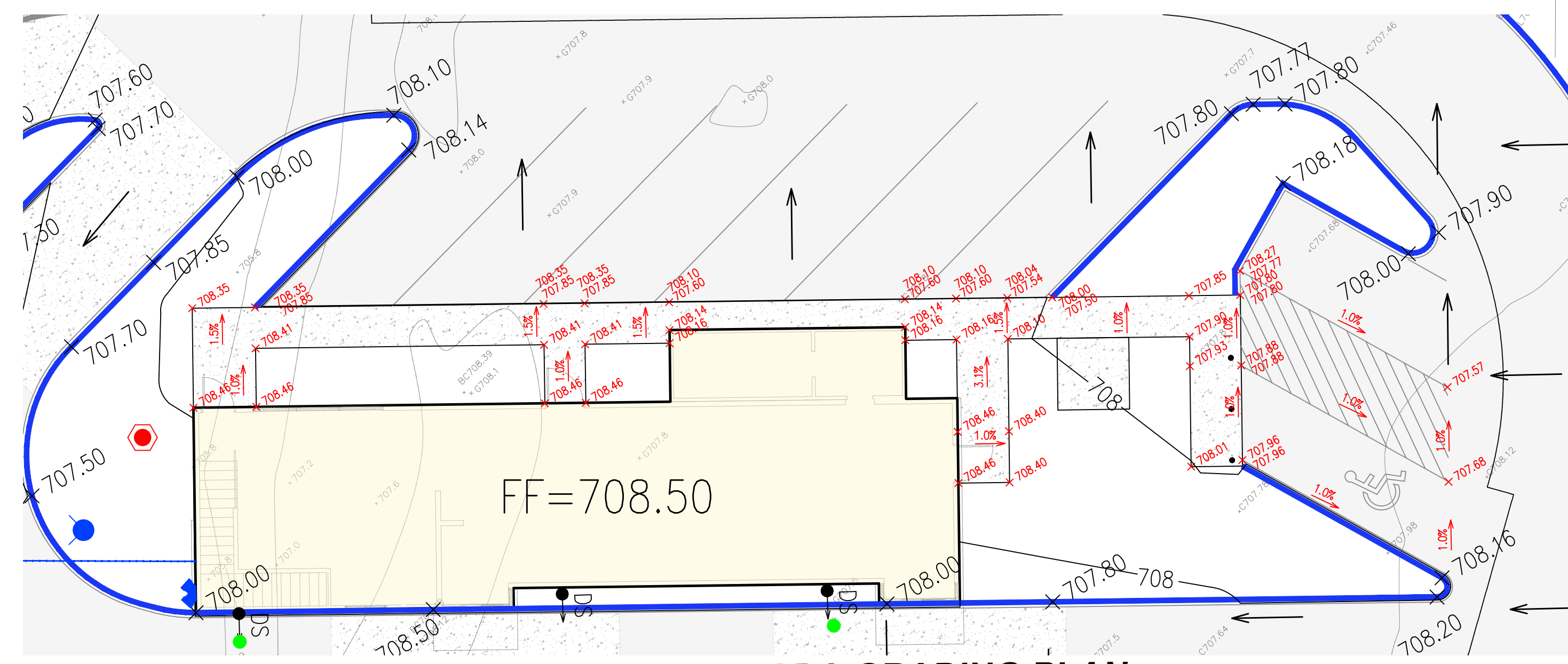
MARCH 04, 2022
 JOB: 22-010

SHEET:
L1
 4 OF 12



GRADING NOTES

1. ALL SPOT ELEVATIONS SHOWN AT CURB ARE TOP OF CURB ELEVATIONS.
2. ALL ELEVATIONS SHOWN ON PLANS ARE FINISHED GRADE ELEVATIONS.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO START OF CONSTRUCTION.
4. CONTRACTOR SHALL MAINTAIN POSITIVE SITE DRAINAGE DURING CONSTRUCTION.
5. ALL PROPOSED GRADES SHALL MATCH EXISTING GRADES AT THE PROPERTY LINE.
6. SEE SPECIFICATIONS FOR SUBGRADE AND STRUCTURAL FILL COMPACTION REQUIREMENTS.
7. THE CROSS SLOPE ON ALL SIDEWALKS SHALL NOT EXCEED 1.5%.
8. ALL WORK SHALL CONFORM TO THE 2018 EDITION OF THE STATE OF ILLINOIS ACCESSIBILITY CODE AND/OR THE 2010 EDITION OF THE AMERICANS WITH DISABILITY ACT (ADA) WHICHEVER IS MORE RESTRICTIVE.



DETAILED ADA GRADING PLAN

NO.	DATE	REVISIONS	REMARKS
1	07/05/2023		REVISED PER NAPERVILLE

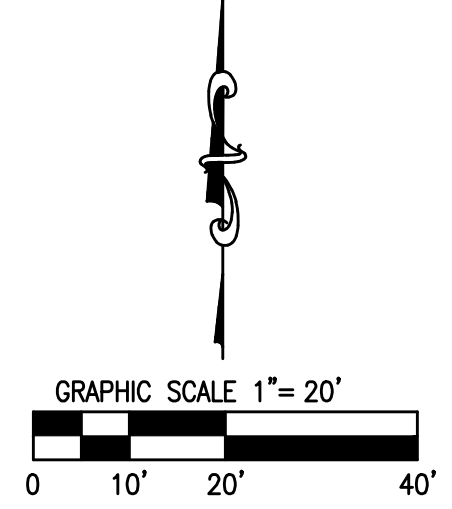
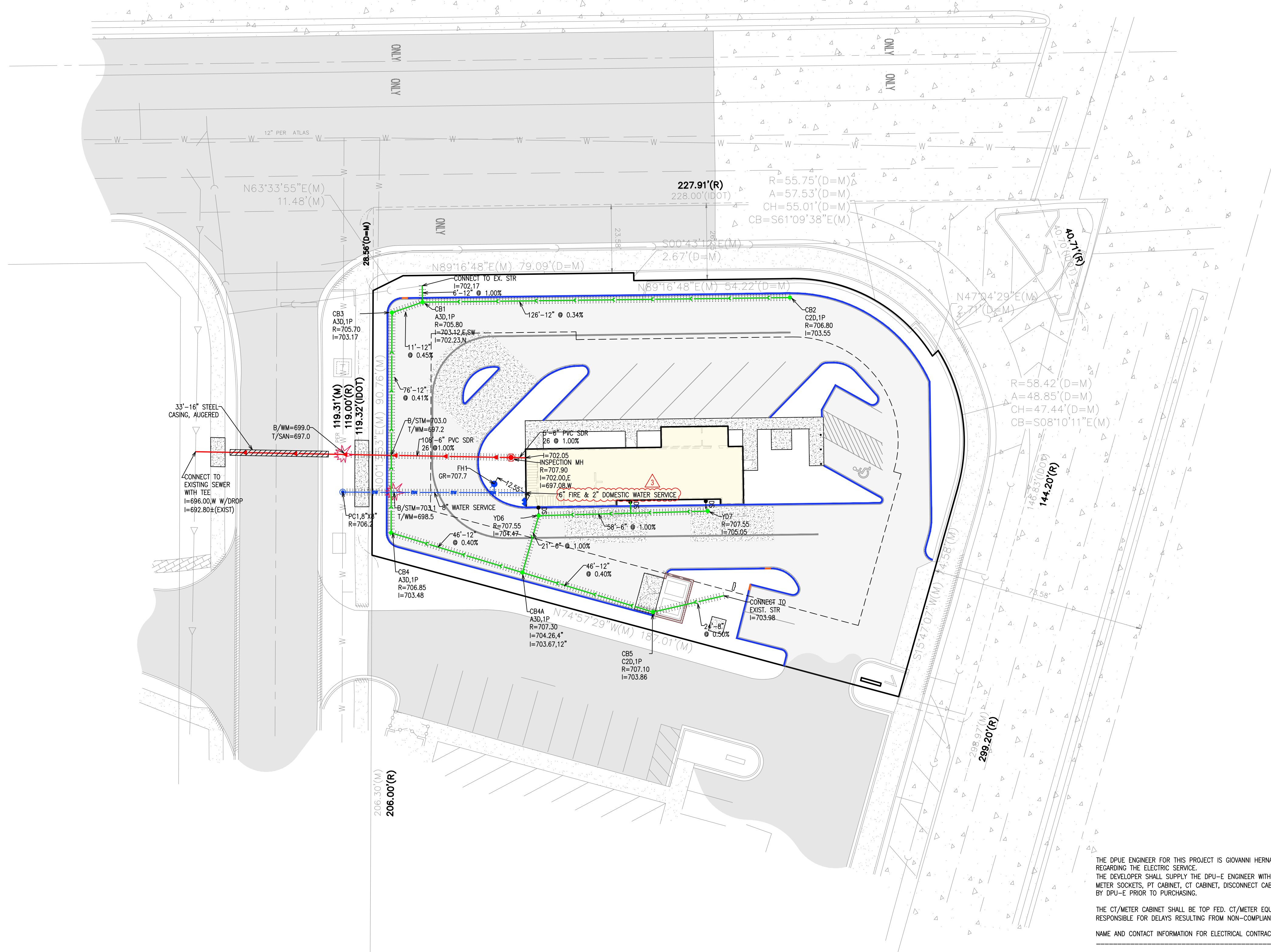
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GRADING PLAN
DUNKIN DONUTS
 1671 N IL 59
 NAPERVILLE, IL 60563

PATEL PRAKASH
 352 JENNIFER LANE
 ROSELLE, IL 60172

MARCH 04, 2022
 JOB: 22-010

SHEET:
G1



- NOTES FOR OVERALL UTILITY PLAN:**
- ALL 12" STORM SEWERS SHALL BE RCP CL IV, ALL NEW STORM SEWERS SHALL BE PRIVATE.
 - ALL SANITARY SEWER SHALL BE PVC SDR 26 UNLESS NOTED OTHERWISE.
 - ALL WATER MAIN SHALL BE D.I.P. CLASS 52 UNLESS NOTED OTHERWISE.
 - THE PVC STORM SEWER SHALL BE PVC SDR 26.
 - THE FRAME & GRATE/LID FOR STORM STRUCTURES SHALL BE AS FOLLOWS:
 1P: NEENAH R-1713, TYPE G OPEN GRATE
 1C: NEENAH R-1712, TYPE B CLOSED LID
 3P: NEENAH R-3278 FRAME & TYPE A OPEN GRATE
 8P: NEENAH R4340-A BEEHIVE OPEN GRATE
 - UTILITY STRUCTURE SYMBOL LEGEND:
 M36: MANHOLE, STRUCTURE # 36
 I: INLET
 CB: CATCH BASIN
 M: MANHOLE
 E: FLARED END SECTION WITH RIP RAP
 S: SANITARY MANHOLE
 NP: NYLOPLAST
 FH: FIRE HYDRANT
 V: VALVE VAULT
 PC: PRESSURE CONNECTION
 CO: CLEAN OUT
 UD: PERFORATED UNDERDRAIN
 A40,1P: TYPE A, 4" DIA., TYPE OF FRAME AND GRATE/LID.
 - CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UTILITIES FOR CONNECTION OF PROPOSED UTILITIES.
 - CONTRACTOR SHALL COORDINATE ANY ROAD CLOSURES FOR OPEN CUT UTILITY WORK WITH THE APPROPRIATE AUTHORITIES.
 - TRENCH BACKFILL
 - 1-6" PVC SCH 40 CONDUIT FOR GAS
 - 3-4" PVC SCH 40 CONDUITS FOR COMED, AMERITECH, CABLE
 - ALL CONDUITS SHALL BE 30" BELOW FINISHED GRADE.
 - PIPE CROSSING
 - INLET AREA BOUNDARY

THE DPUE ENGINEER FOR THIS PROJECT IS GIOVANNI HERNANDEZ. PLEASE CONTACT HIM AT (630)-548-1212 WITH ANY QUESTIONS REGARDING THE ELECTRIC SERVICE.
 THE DEVELOPER SHALL SUPPLY THE DPUE ENGINEER WITH CATALOG CUTS FOR ALL CT/METER EQUIPMENT (INCLUDING BUT NOT LIMITED TO METER SOCKETS, PT CABINET, CT CABINET, DISCONNECT CABINET) AND TRANSFORMER PAD/VAULT. THE CATALOG CUTS SHALL BE APPROVED BY DPUE PRIOR TO PURCHASING.
 THE CT/METER CABINET SHALL BE TOP FED. CT/METER EQUIPMENT ARE LONG LEAD TIME ITEMS AND DPUE SHALL NOT BE HELD RESPONSIBLE FOR DELAYS RESULTING FROM NON-COMPLIANT CT/METER EQUIPMENT.
 NAME AND CONTACT INFORMATION FOR ELECTRICAL CONTRACTOR FOR THIS PROJECT IS

DPUE WILL PROVIDE, INSTALL, AND MAINTAIN THE TRANSFORMERS, ALL PRIMARY (15KV) CABLE AND CONDUIT, AND THE METERS AND INSTRUMENT TRANSFORMERS. DPUE WILL ALSO MAKE THE FINAL CONNECTIONS IN THE TRANSFORMERS ONCE THE INSPECTION IS COMPLETE AND THE BUILDING IS READY TO BE ENERGIZED.
 THE DEVELOPER IS RESPONSIBLE FOR PROVIDING, INSTALLING, AND MAINTAINING THE TRANSFORMER PAD/VAULT, ALL SERVICE LATERAL (480V) CABLE AND CONDUIT, THE SERVICE ENTRANCE EQUIPMENT INCLUDING THE CT/METER CABINET AND ALL BANKED METER SOCKETS. THE DEVELOPER SHALL COORDINATE SITE CONSTRUCTION WITH DPUE TO ALLOW ELECTRIC FACILITIES TO BE INSTALLED PRIOR TO PAVING AND CURBING. DPUE REQUIRES 30 WORKING DAYS ADVANCE 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. ELECTRIC FACILITIES SHALL BE INSTALLED PURSUANT TO SECTION 8-1C-3 OF THE CITY OF NAPERVILLE MUNICIPAL CODE, WHICH REQUIRES A CONSTRUCTION FEE PAYMENT FOR INSTALLATION OF ELECTRIC FACILITIES.
 AT ALL TIMES, THE CUSTOMER SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING A SUITABLE APPROACH TO THE METER LOCATION, WITH NO OBSTRUCTIONS WITHIN FOUR (4) FEET OF THE FRONT AND TWO (2) FEET OF THE SIDES OF THE METER. PER NAPERVILLE SERVICE RULES AND POLICIES 22.2.F.
 CLEARANCE TO TRANSFORMER PAD SHALL BE 5' FROM ALL SIDES, 10' FROM FRONT, AND THE AREA ABOVE MUST BE COMPLETELY CLEAR OF OBSTRUCTION. NO TREES, SHRUBS, OR OTHER OBSTACLES WILL BE ALLOWED WITHIN THIS AREA. TRANSFORMER PAD SHALL MAINTAIN MINIMUM CLEARANCE OF 20' FROM EGRESS POINTS. PER DPUE SPECIFICATIONS C10-2130 AND C30-0016.
 DPUE REQUIRES A MINIMUM 5' OF SEPARATION BETWEEN ITS ELECTRIC FACILITIES AND ANY FIRE HYDRANTS STORM DRAINS, STORM SEWERS, WATER MAINS, GAS MAINS, ETC. THAT RUN PARALLEL TO ITS FACILITIES.

THE DEVELOPER SHALL SUPPLY THE DPUE ENGINEER WITH CATALOG CUTS FOR ALL CT/METER EQUIPMENT (INCLUDING BUT NOT LIMITED TO METER SOCKETS, PT CABINET, CT CABINET, DISCONNECT CABINET) AND TRANSFORMER PAD/VAULT. THE CATALOG CUTS SHALL BE APPROVED BY DPUE PRIOR TO PURCHASING.
 THE CT/METER CABINET SHALL BE TOP FED.
 CT/METER EQUIPMENT ARE LONG LEAD TIME ITEMS AND DPUE SHALL NOT BE HELD RESPONSIBLE FOR DELAYS RESULTING FROM NON-COMPLIANT CT/METER EQUIPMENT.
 PLEASE PROVIDE NAME AND CONTACT INFORMATION FOR ELECTRICAL CONTRACTOR FOR THIS PROJECT.
 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.
 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.
 APPROVAL OF METERING EQUIPMENT BY DPUE 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.
 A CUSTOMER'S GROUNDING CONDUCTOR SHALL NOT BE CONNECTED TO DPUE DISTRIBUTION EQUIPMENT.

INLET AREA SUMMARY

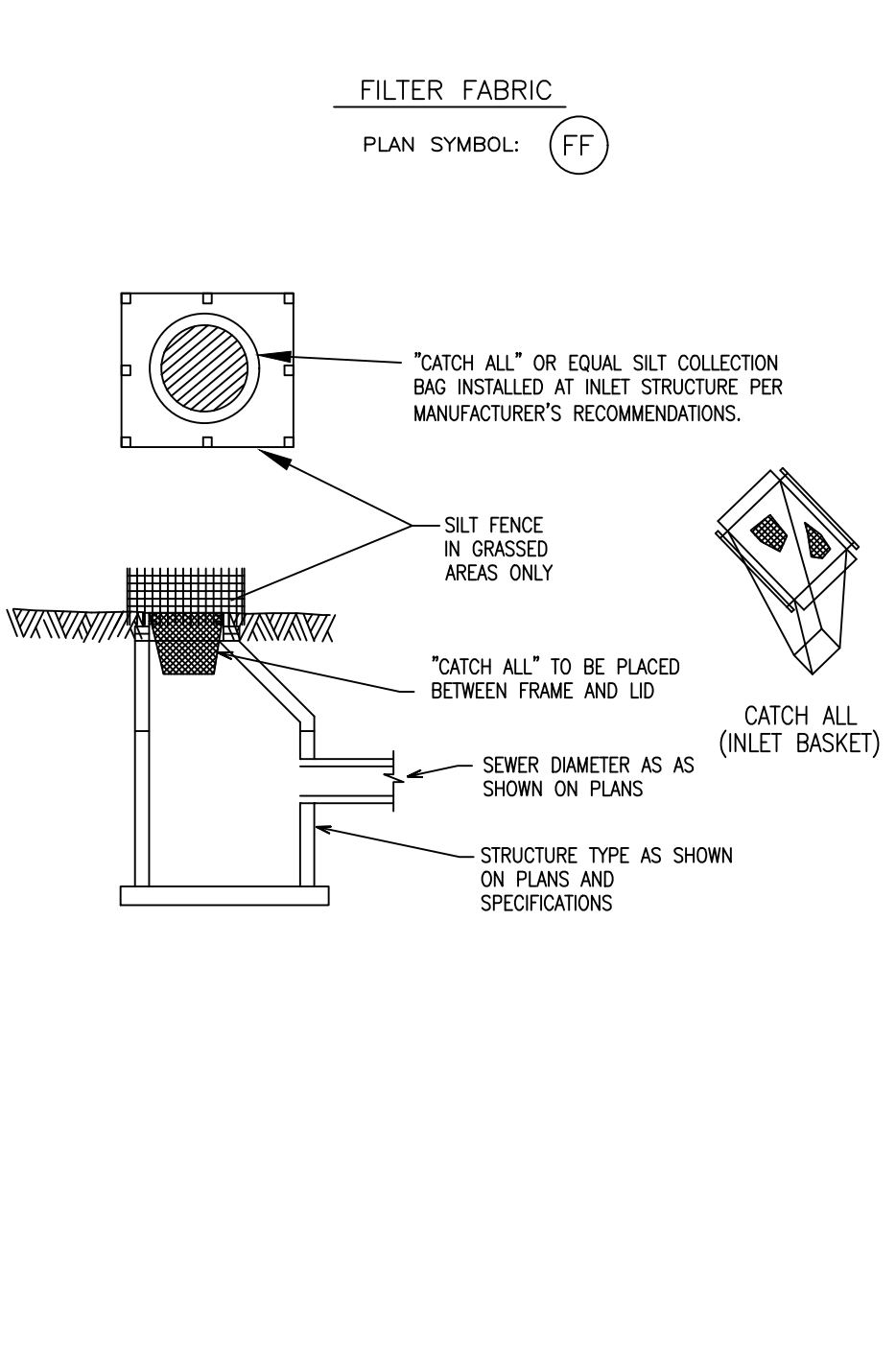
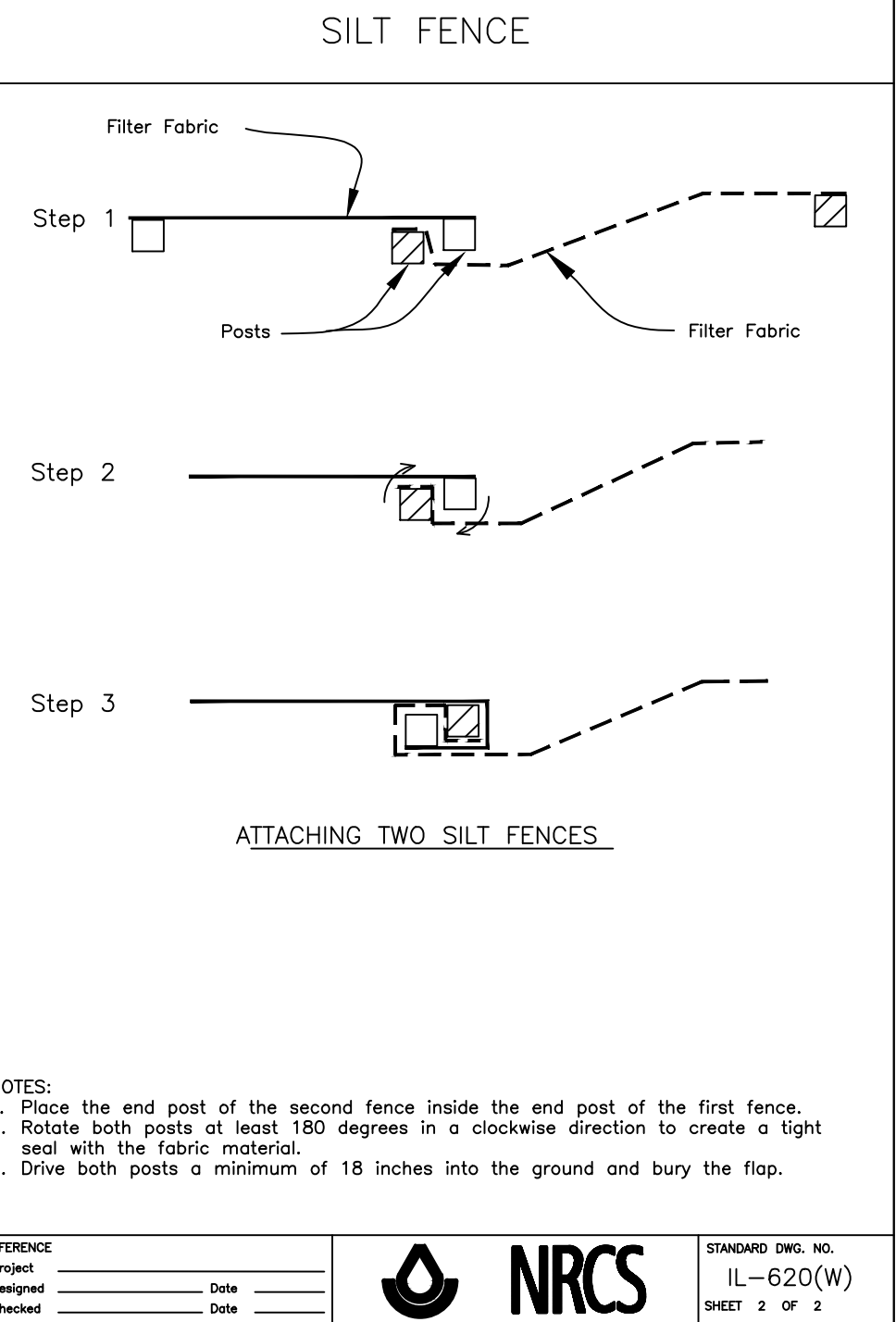
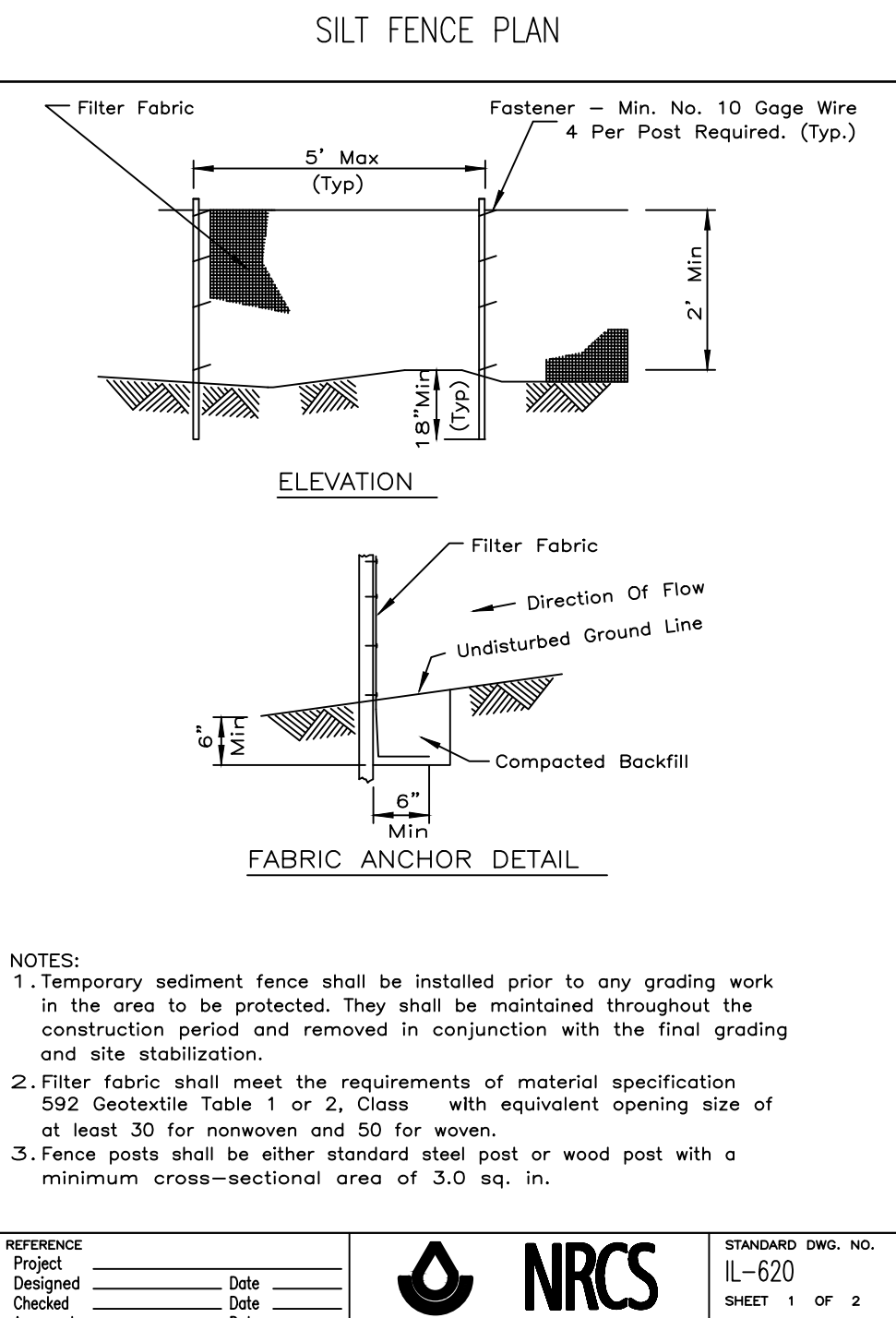
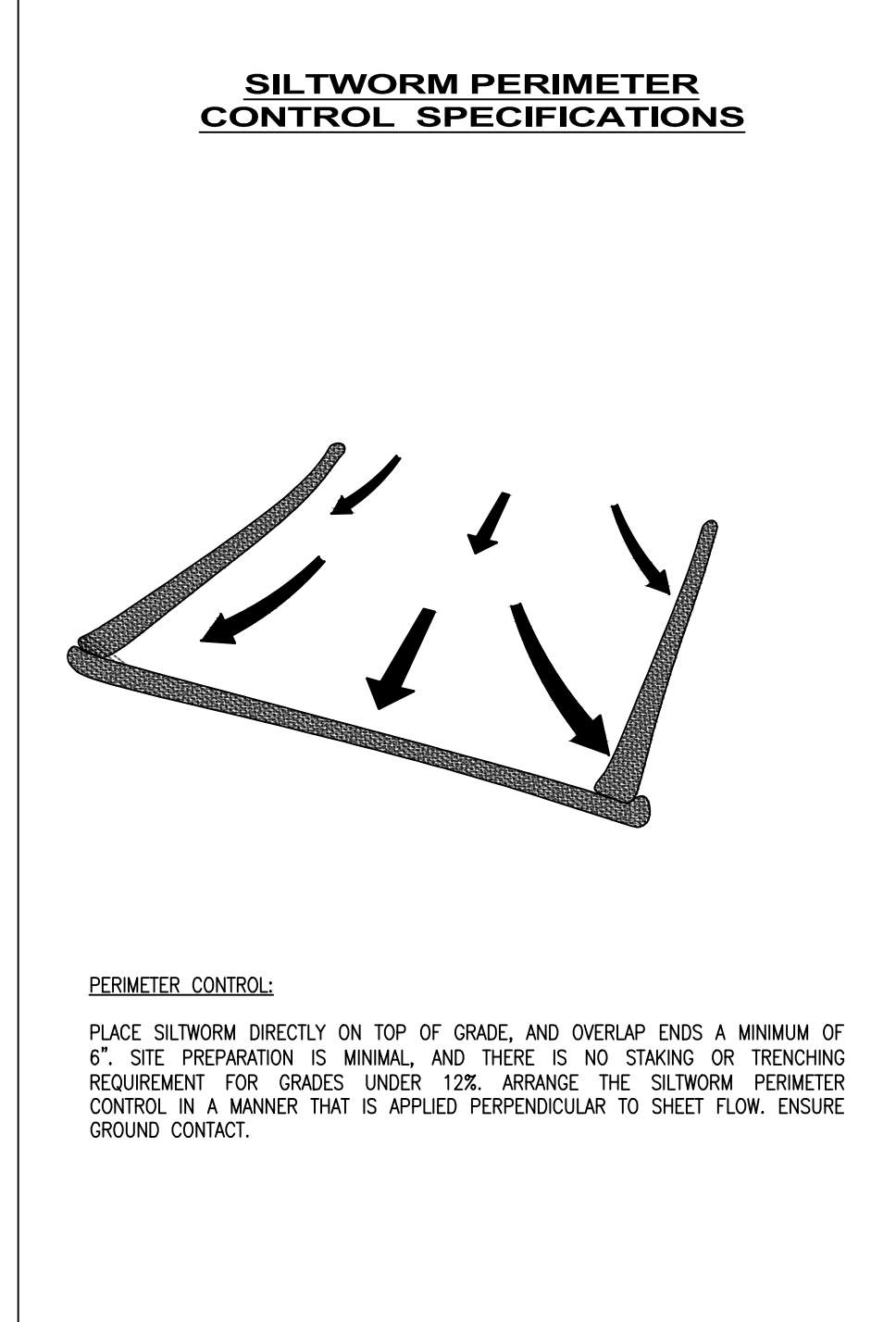
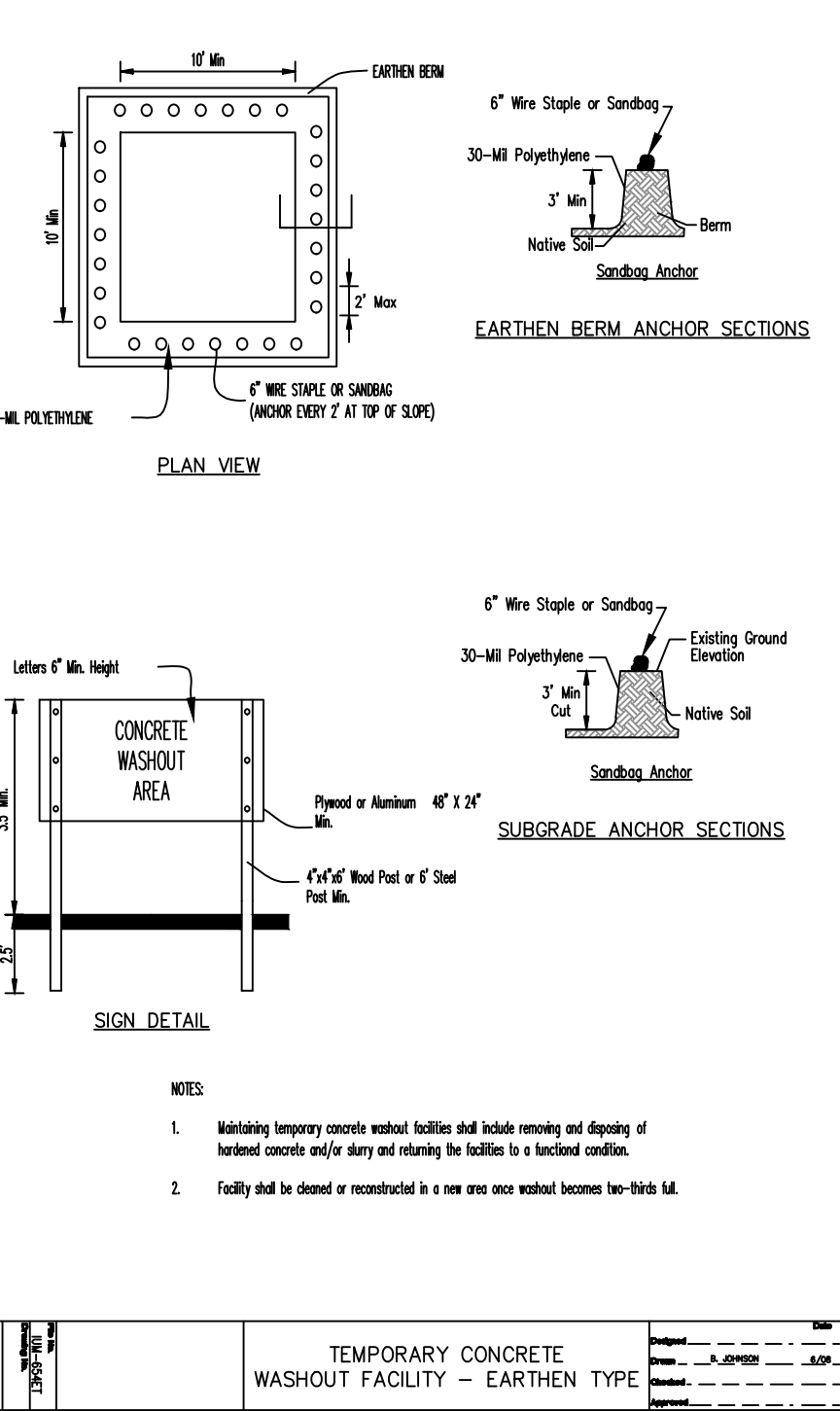
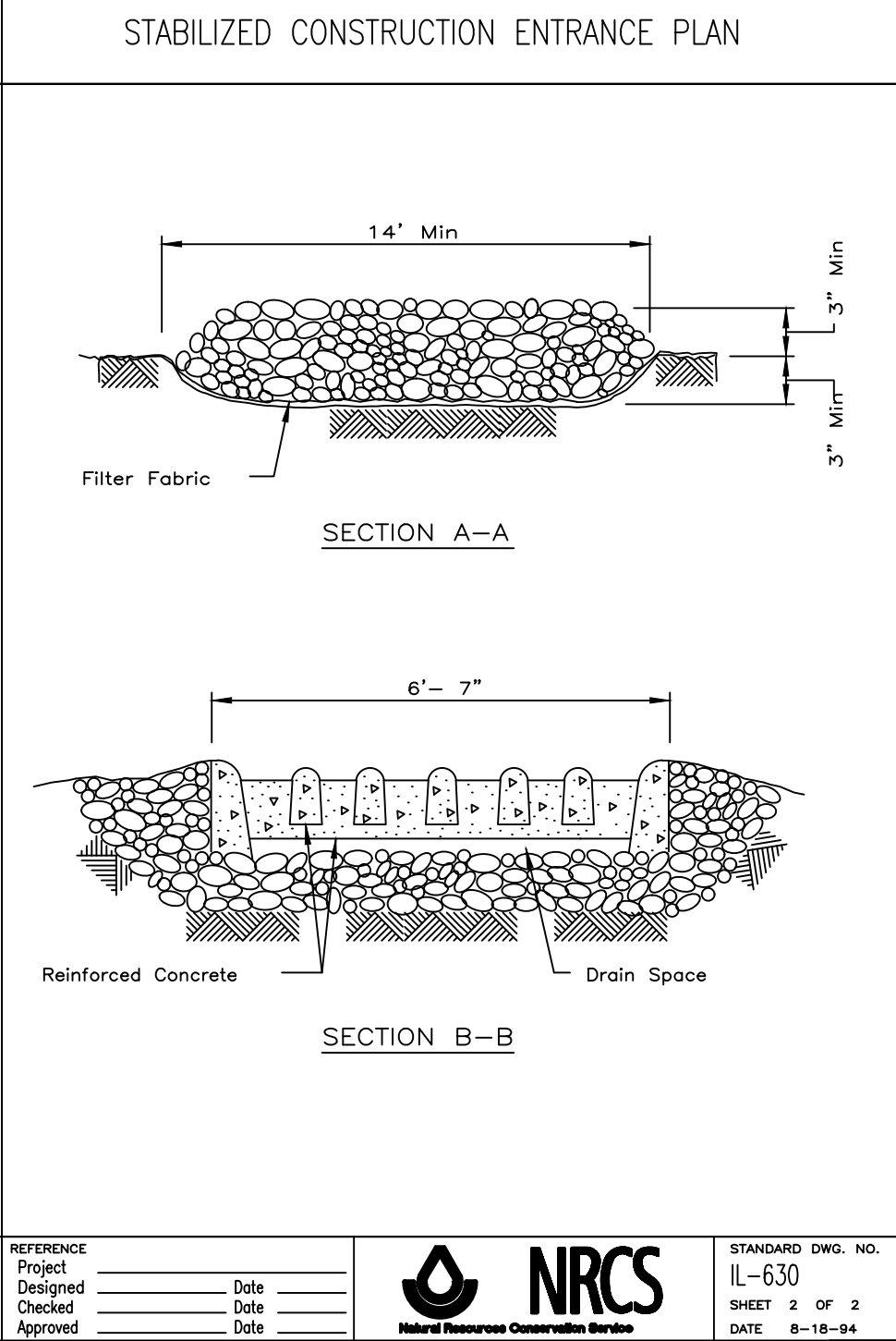
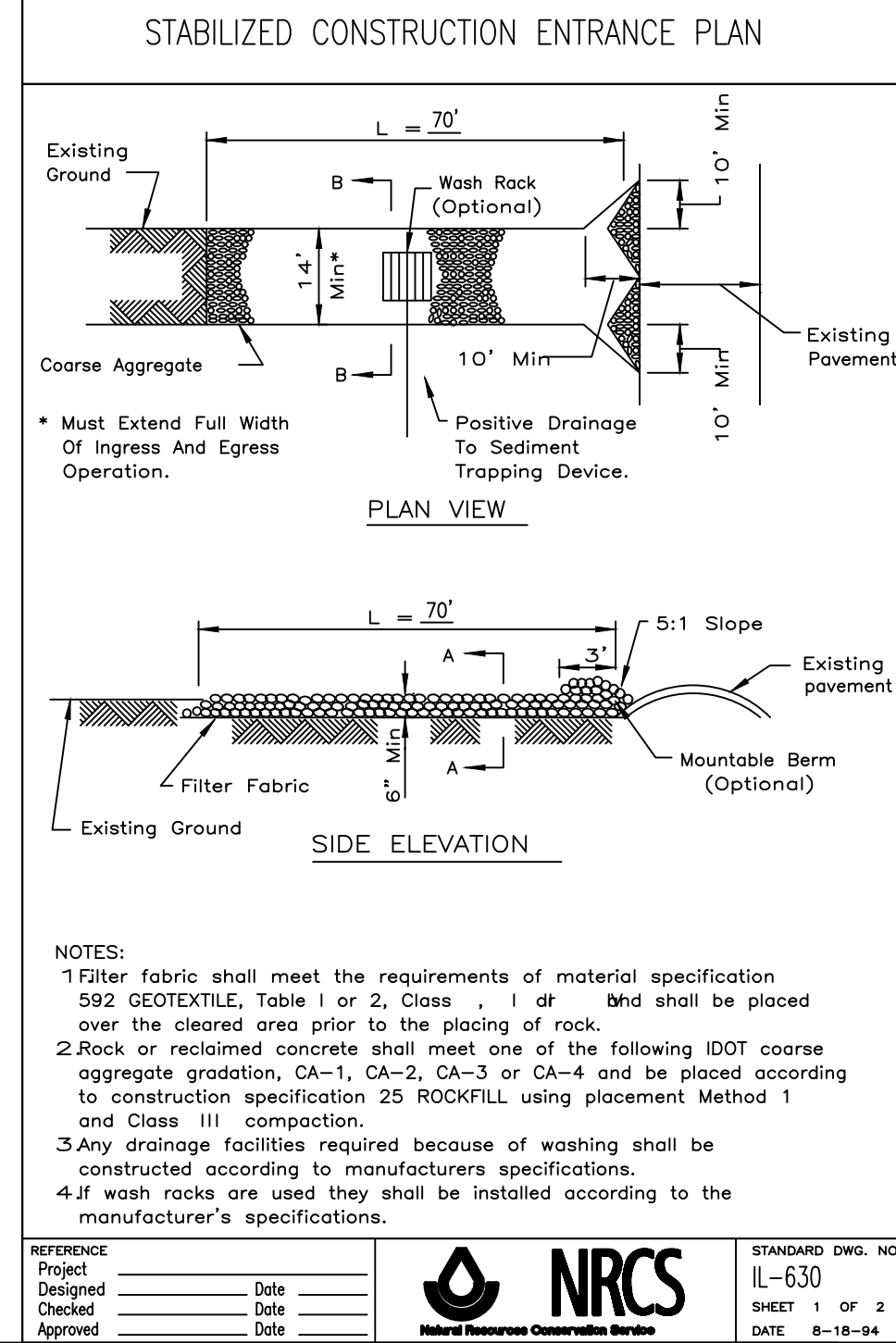
STRUCT. #	AREA	
	S.F.	ACRE
CB1		
CB2	6,146	0.14
CB3	5,136	0.12
CB4	1,821	0.04
CB5	3,118	0.07

NO.	DATE	REVISIONS
1	07/09/2023	REVISED PER NAPERVILLE
2	03/10/2023	REVISED PER NAPERVILLE
3	02/29/2023	REVISED PER NAPERVILLE

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UTILITY PLAN
DUNKIN DONUTS
 1671 N IL 59
 NAPERVILLE, IL 60563

PATEL PRAKASH
 352 JENNIFER LANE
 ROSELLE, IL 60172



SILTWORM INSTALLATION SPECIFICATIONS

SILTWORM HEIGHTS INSTALLED		
NOMINAL DIAMETER, D	INSTALLED HEIGHT OF SINGLE SILTWORM	INSTALLED HEIGHT OF STACKED SILTWORM
9"	7.5"	15"
12"	9.5"	19"
18"	14.5"	29"
24"	19"	38"

MINIMUM SPECIFICATION FOR SILTWORM		
PROPERTY	UNITS	RANGE
PH	PH	5.0-8.5
MOISTURE CONTENT	% WET WEIGHT BASIS	<20
PARTICLE SIZE	% PASSING SELECTED MESH SIZE, DRY WEIGHT BASIS	1 1/2"-2"-90% FINES = 10% MAX. PARTICLE SIZE 2"

SILTWORM CAN BE PLACED IN DITCHES OR AT THE TOP, ON THE FACE, OR AT THE TOE OF A SLOPE AS SEDIMENT TRAPPING DEVICE. SILTWORM CAN ALSO SERVE TO REMOVE SEDIMENT FROM RUNOFF AND RELEASE FILTERED WATER AS SHEET FLOW.

SILTWORM INSTALLATION ON A SLOPE SHALL BE PLACED ALONG OR ON THE GROUND CONTOUR, WHERE POSSIBLE SILTWORM APPLIED TO THE TOE OF A SLOPE SHOULD BE PLACED 10 FEET AWAY FROM THE TOE IN ORDER TO PROVIDE SPACE FOR SEDIMENT STORAGE. MAXIMUM DRAINAGE AREA SHALL BE 1/4 ACRE PER 100 LF OF SILTWORM.

FOR DITCH APPLICATIONS, THE MAXIMUM DRAINAGE AREA SHALL BE 15 ACRES, AT SITES WHICH OUTFALL TO EXCEPTIONAL WATER OR SEDIMENT-IMPAIRED STREAMS, THE MAXIMUM DRAINAGE AREA SHALL BE LIMITED TO 10 ACRES.

SILTWORM SHALL BE PLACED PERPENDICULAR TO THE FLOW OF WATER. SILTWORM SHALL CONTINUE UP THE SIDE SLOPES TO THE UP OF BANK OR A MAXIMUM OF 3 FEET ABOVE THE INSTALLED HEIGHT. SILTWORM SHALL REMAIN IN PLACE UNTIL ALL UPSTREAM AREAS ARE PERMANENTLY STABILIZED.

SILTWORM IS SUPPLIED AND INSTALLED IN DIAMETERS OF 9", 12", 18" OR 24" DIAMETER TOLERANCES ARE 2". SILTWORM WILL FLATTEN OUT TO AN OVAL WHEN IN PLACE, THUS THE INSTALLED HEIGHT WILL BE LESS THAN NOMINAL DIAMETER.

SILTWORM SHALL BE INSPECTED AFTER EACH RUNOFF EVENT AND SHALL BE REMOVED AND REPLACED IF SIGNS OF UNDERCUTTING OR DOWNSTREAM SPACING RILLS ARE OBSERVED.

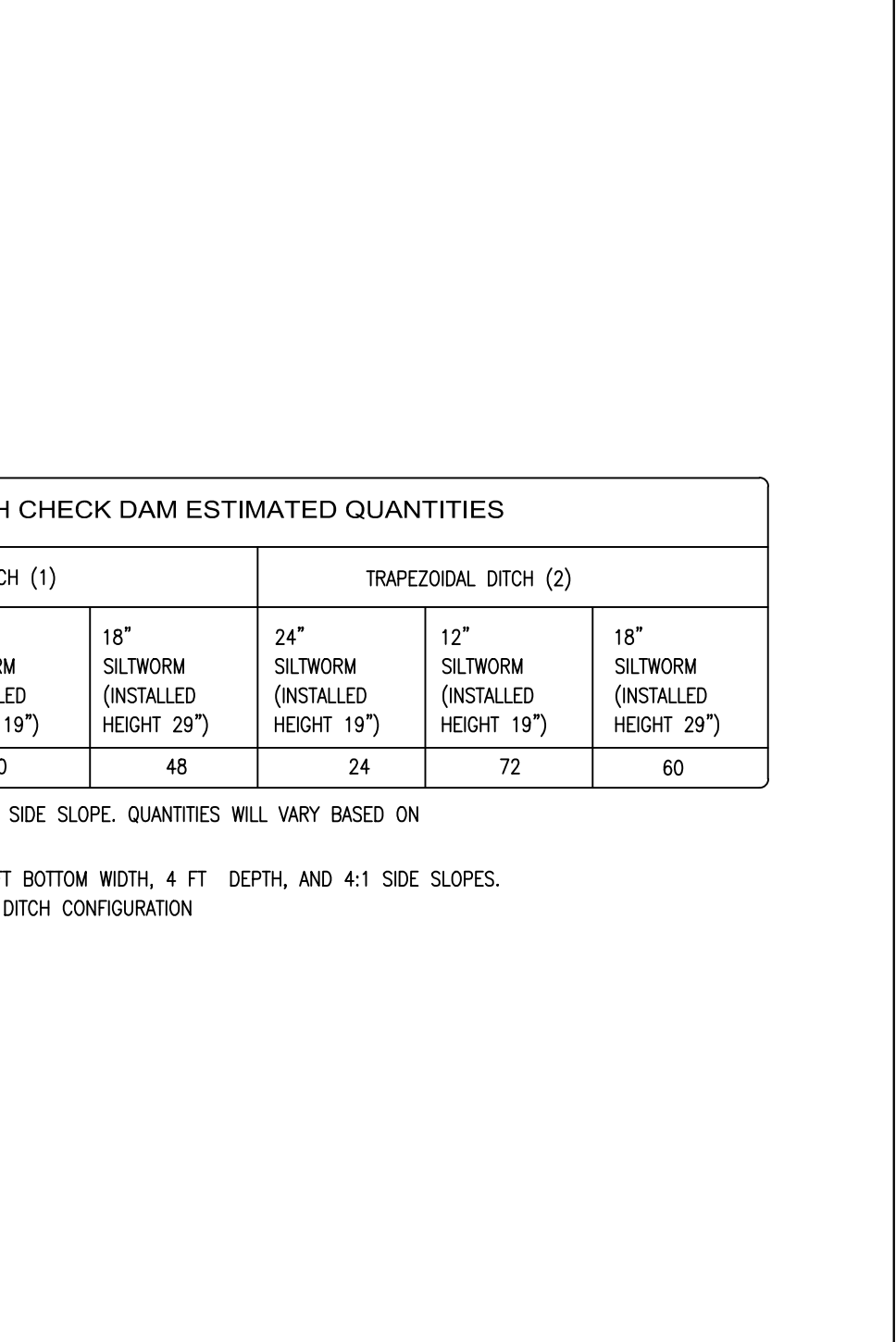
SILTWORM SHOULD BE REMOVED FROM SLOPES AFTER STABILIZATION IS COMPLETE. THIS MAY BE ACCOMPLISHED BY CUTTING THE SILTWORM OPEN AND SPREADING THE FILL MATERIAL ON THE SITE. SILTWORM APPLIED IN DITCH SHALL BE COMPLETELY REMOVED.

SILTWORM DITCH CHECK DAM ESTIMATED QUANTITIES

LENGTH (FT)	V - DITCH (1)			TRAPEZOIDAL DITCH (2)		
	24" SILTWORM (INSTALLED HEIGHT 19")	12" SILTWORM (INSTALLED HEIGHT 19")	18" SILTWORM (INSTALLED HEIGHT 19")	24" SILTWORM (INSTALLED HEIGHT 19")	12" SILTWORM (INSTALLED HEIGHT 19")	18" SILTWORM (INSTALLED HEIGHT 29")
20	60	48	24	72	60	

(1) ESTIMATED QUANTITIES BASED ON A 4:1 SIDE SLOPE. QUANTITIES WILL VARY BASED ON ACTUAL DITCH CONFIGURATION

(2) ESTIMATED QUANTITIES BASED ON A 4 FT BOTTOM WIDTH, 4 FT DEPTH, AND 4:1 SIDE SLOPES. QUANTITIES WILL VARY BASED ON ACTUAL DITCH CONFIGURATION



SILT FENCE

Filter Fabric
 Posts
 Filter Fabric

Step 1

Step 2

Step 3

ATTACHING TWO SILT FENCES

NOTES:
 1. Place the end post of the second fence inside the end post of the first fence.
 2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
 3. Drive both posts a minimum of 18 inches into the ground and bury the top.

SILT FENCE

Filter Fabric
 Posts
 Filter Fabric

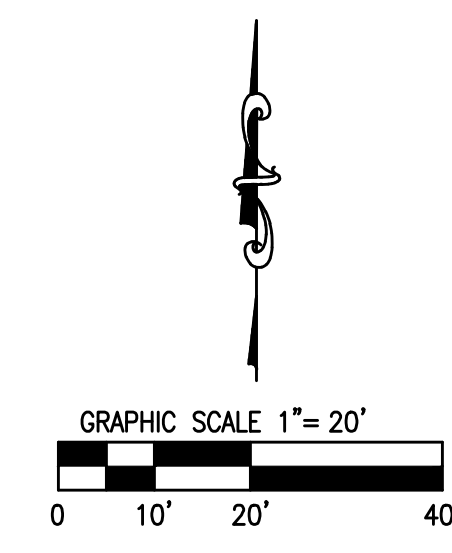
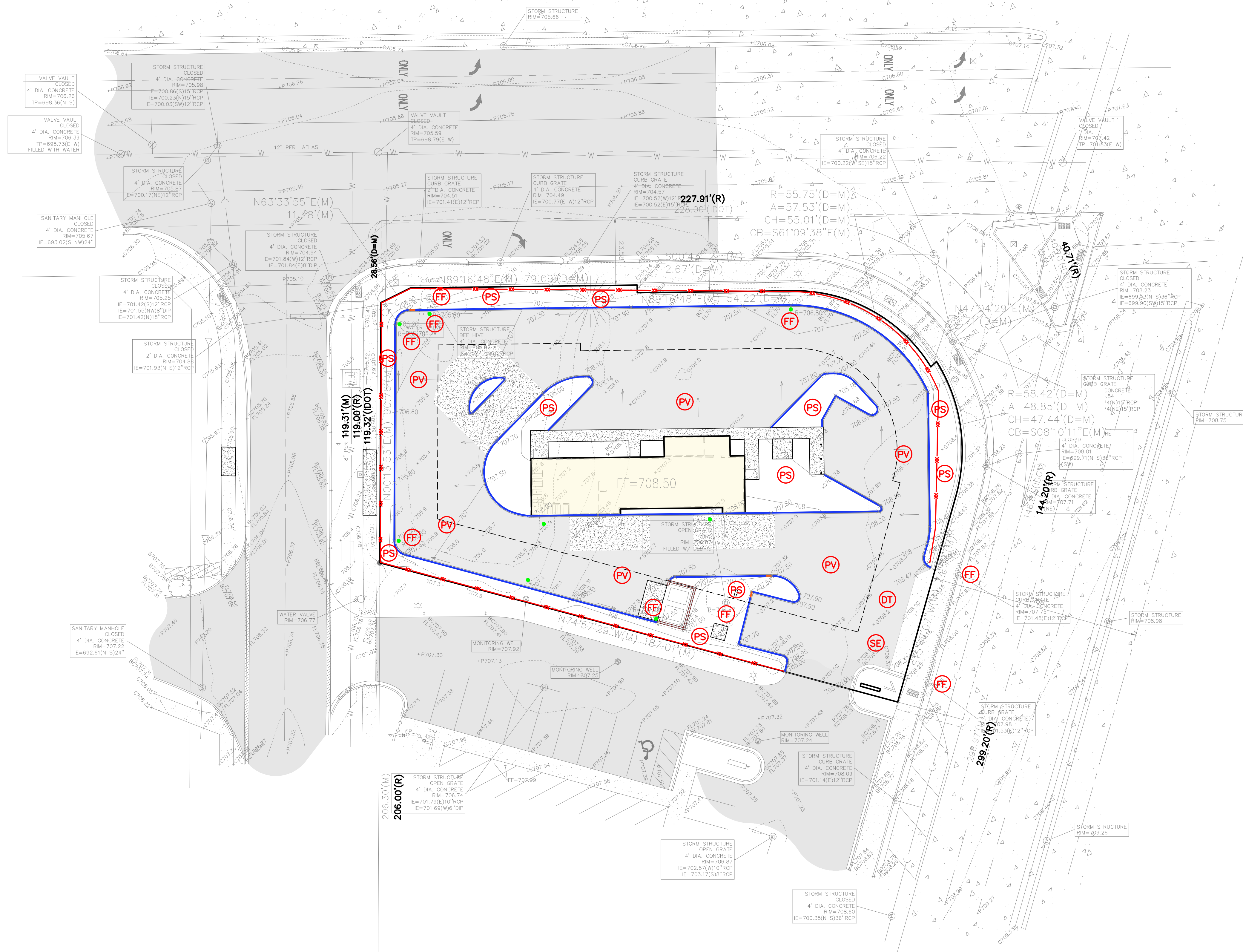
Step 1

Step 2

Step 3

ATTACHING TWO SILT FENCES

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 3. Drive both posts a minimum of 18 inches into the ground and bury the top.



EROSION CONTROL LEGEND

- ⊙ SE STABILIZED CONSTRUCTION ENTRANCE
- ⊙ DT DUST CONTROL
- ⊙ PV PAWING
- ⊙ PS PERMANENT SEEDING
- ⊙ CW CONCRETE WASHOUT
- ⊙ FF INLET PROTECTION
- - - Silt fence or siltwork

EROSION CONTROL NOTES

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO START OF CONSTRUCTION.
2. EARTHWORK CONTRACTOR SHALL MAINTAIN PROPER SITE DRAINAGE DURING CONSTRUCTION.
3. EARTHWORK CONTRACTOR RESPONSIBLE FOR DUST CONTROL.
4. EARTHWORK CONTRACTOR RESPONSIBLE FOR MAINTAINING THE PUBLIC ROADWAYS CLEAN AND FREE OF DIRT AND DEBRIS AT ALL TIMES.
5. OTHER EROSION CONTROL MEASURES SHALL BE IMPLEMENTED SHOULD AN INSPECTION OF THE SITE INDICATE A DEFICIENCY.

NO.	DATE	REVISIONS
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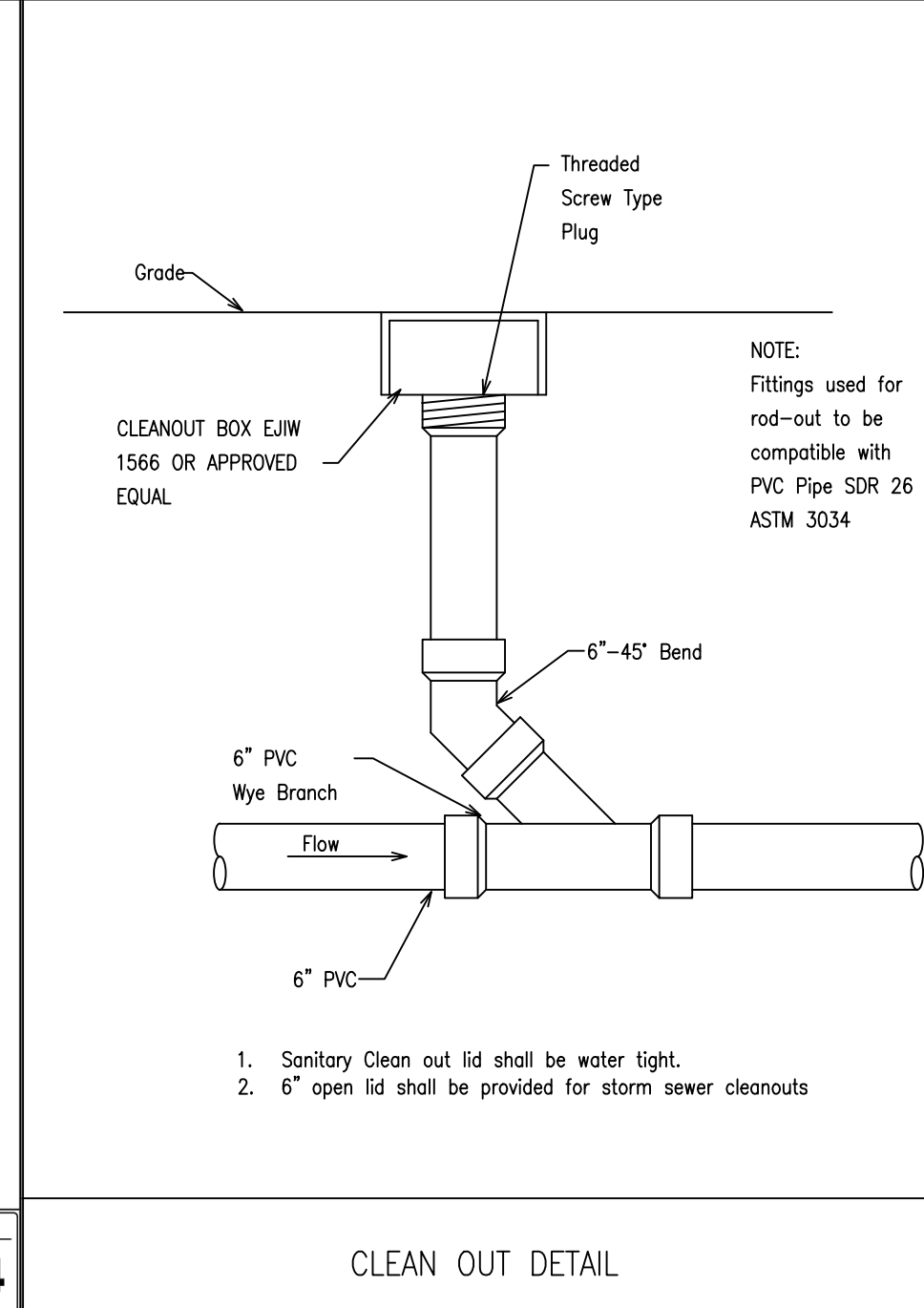
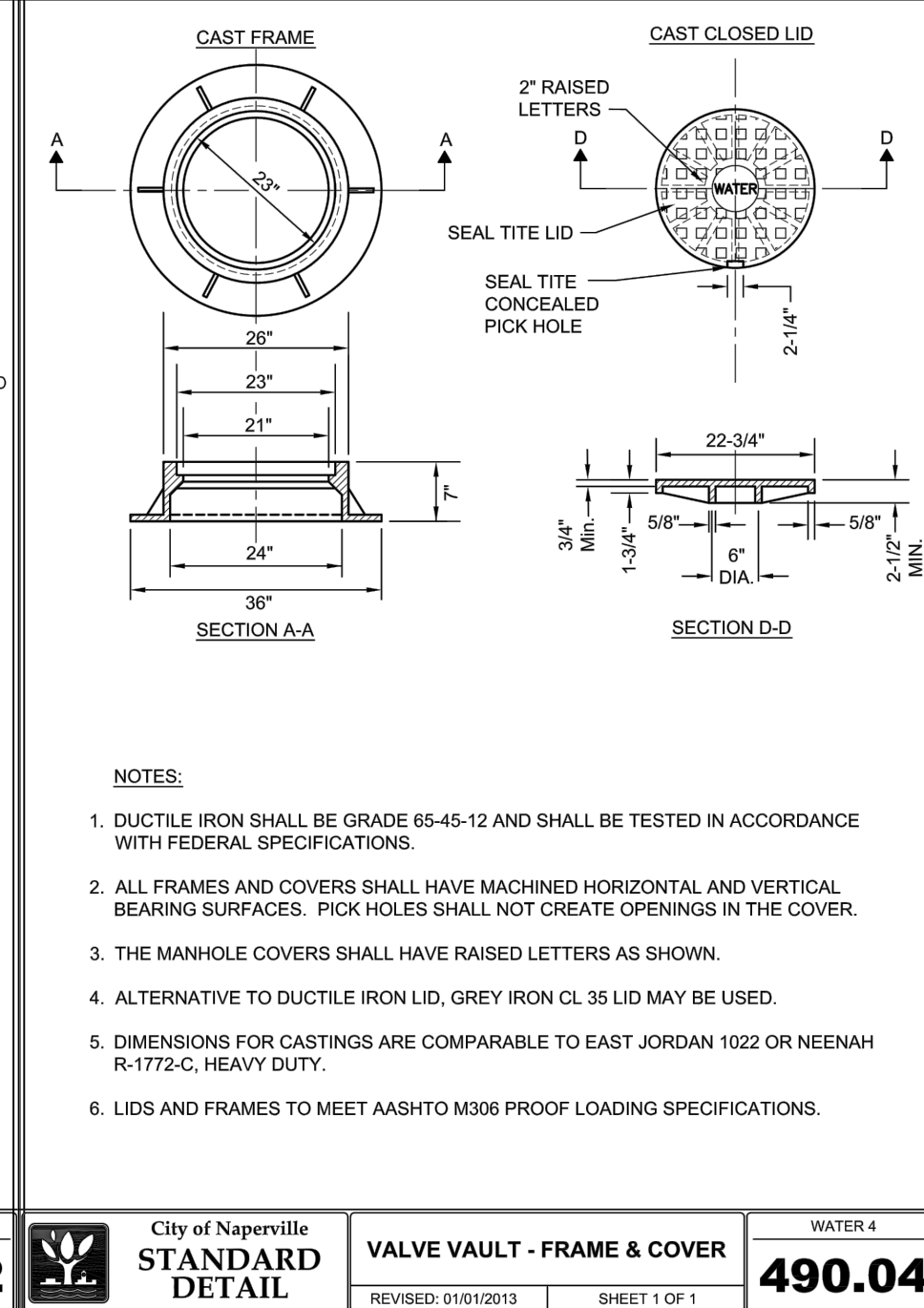
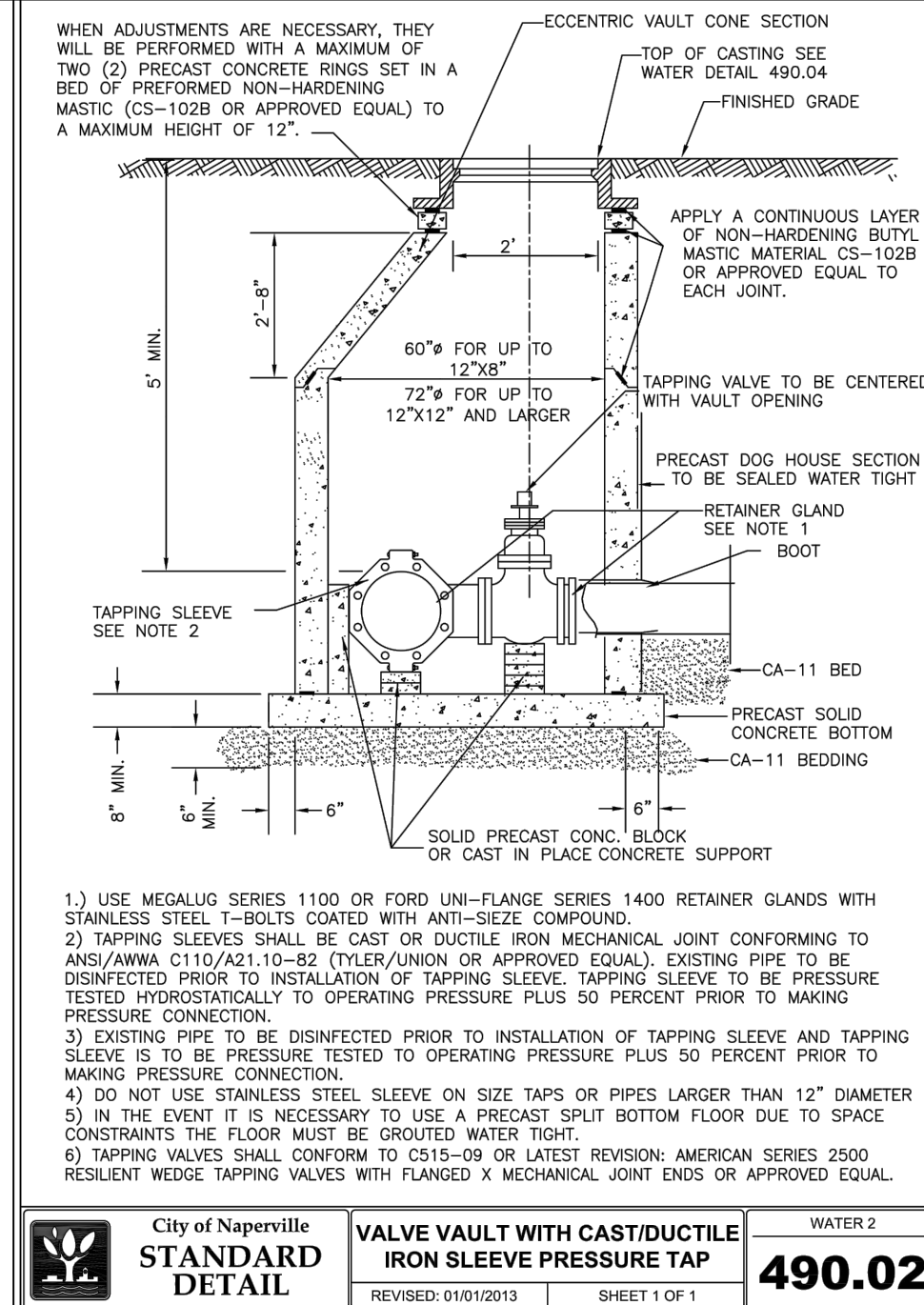


**SOIL EROSION AND
 SEDIMENT CONTROL PLAN**
DUNKIN DONUTS
 1671 N IL 59
 NAPERVILLE, IL 60563

PATEL PRAKASH
 352 JENNIFER LANE
 ROSELLE, IL 60172

MARCH 04, 2022
 JOB: 22-010

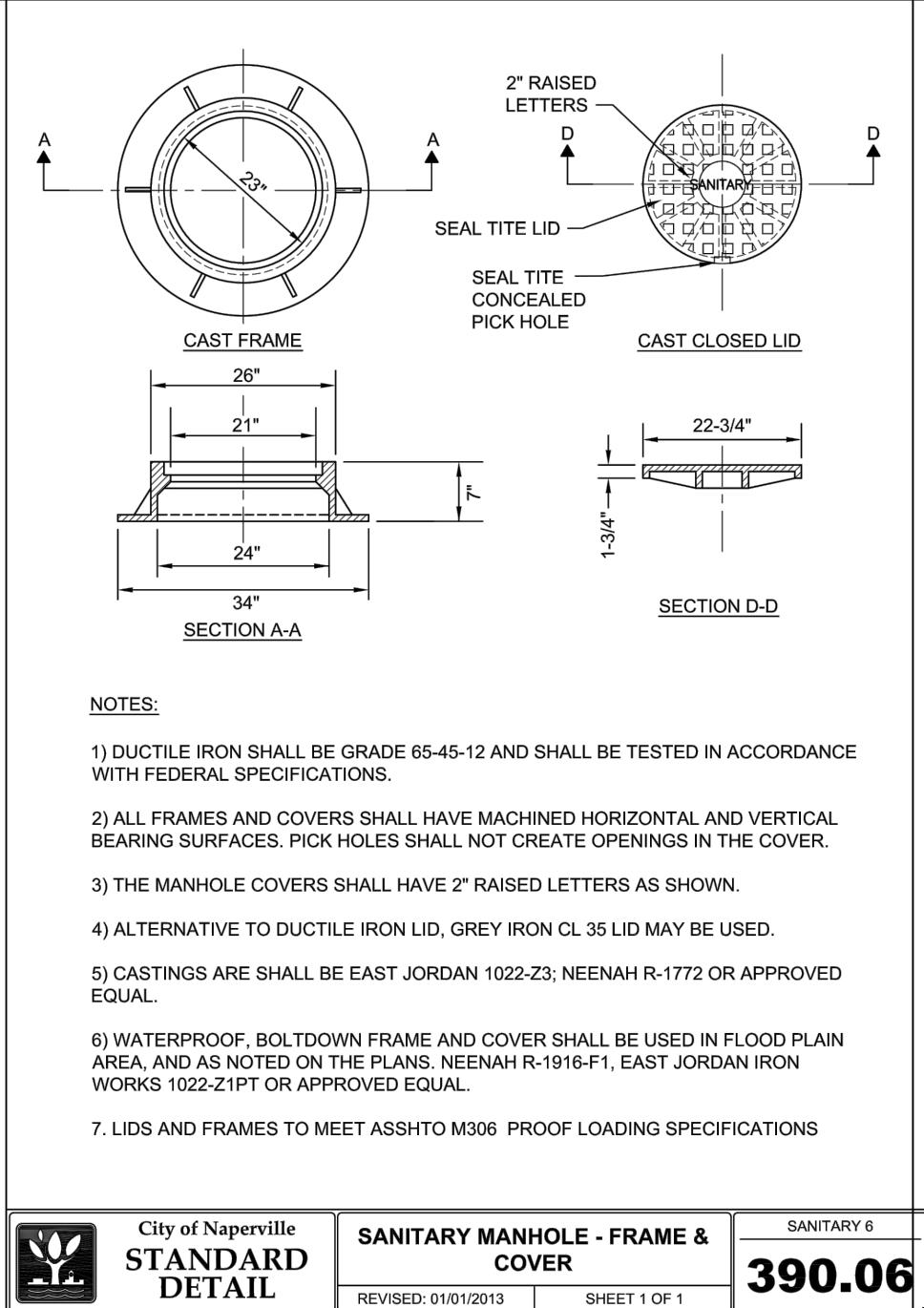
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SE3



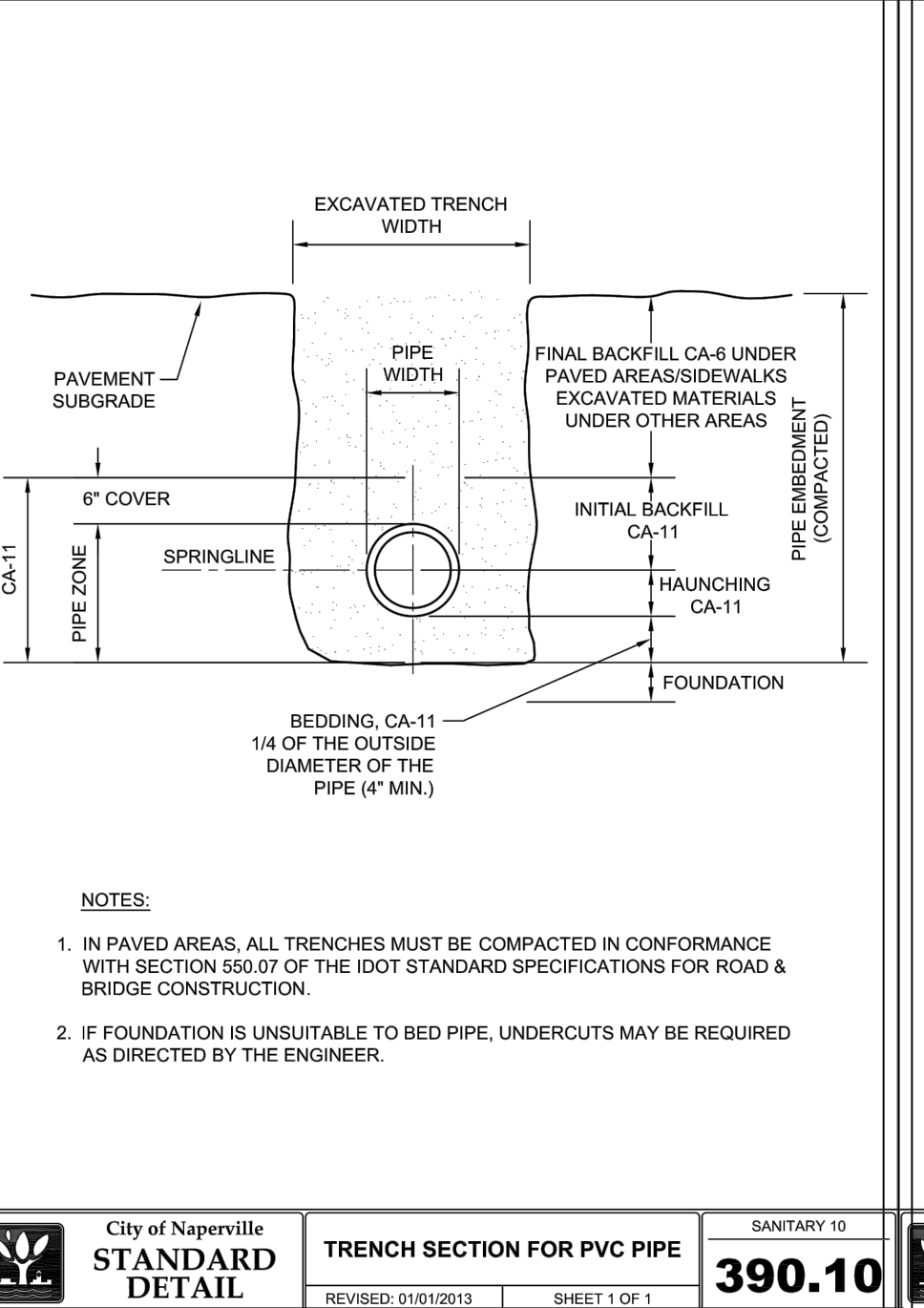
	City of Naperville STANDARD DETAIL	VALVE VAULT WITH CAST/DUCTILE IRON SLEEVE PRESSURE TAP	WATER 2	490.02
	REVISED: 01/01/2013	SHEET 1 OF 1		

	City of Naperville STANDARD DETAIL	VALVE VAULT - FRAME & COVER	WATER 4	490.04
	REVISED: 01/01/2013	SHEET 1 OF 1		

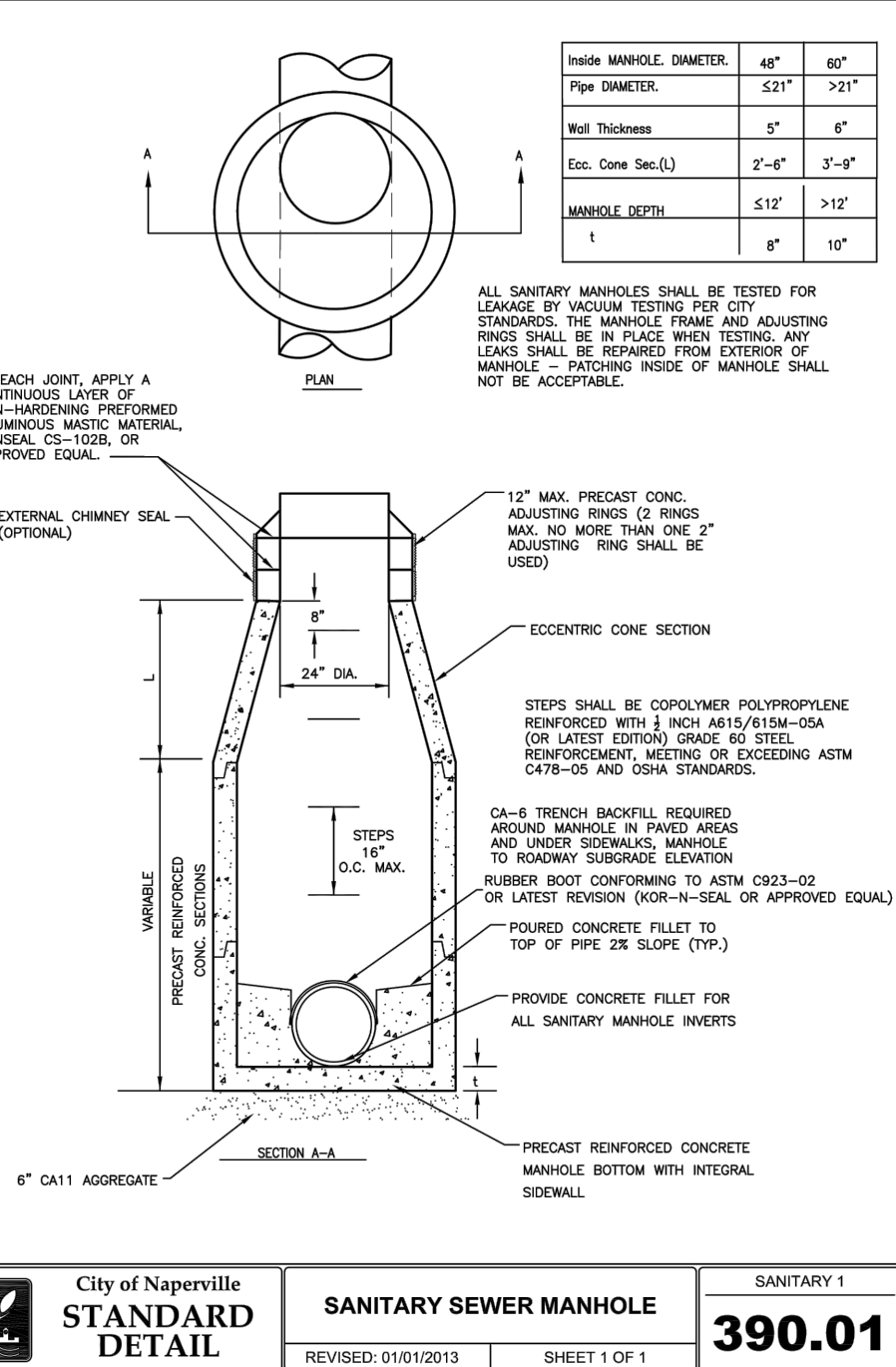
	City of Naperville STANDARD DETAIL	CLEAN OUT DETAIL		
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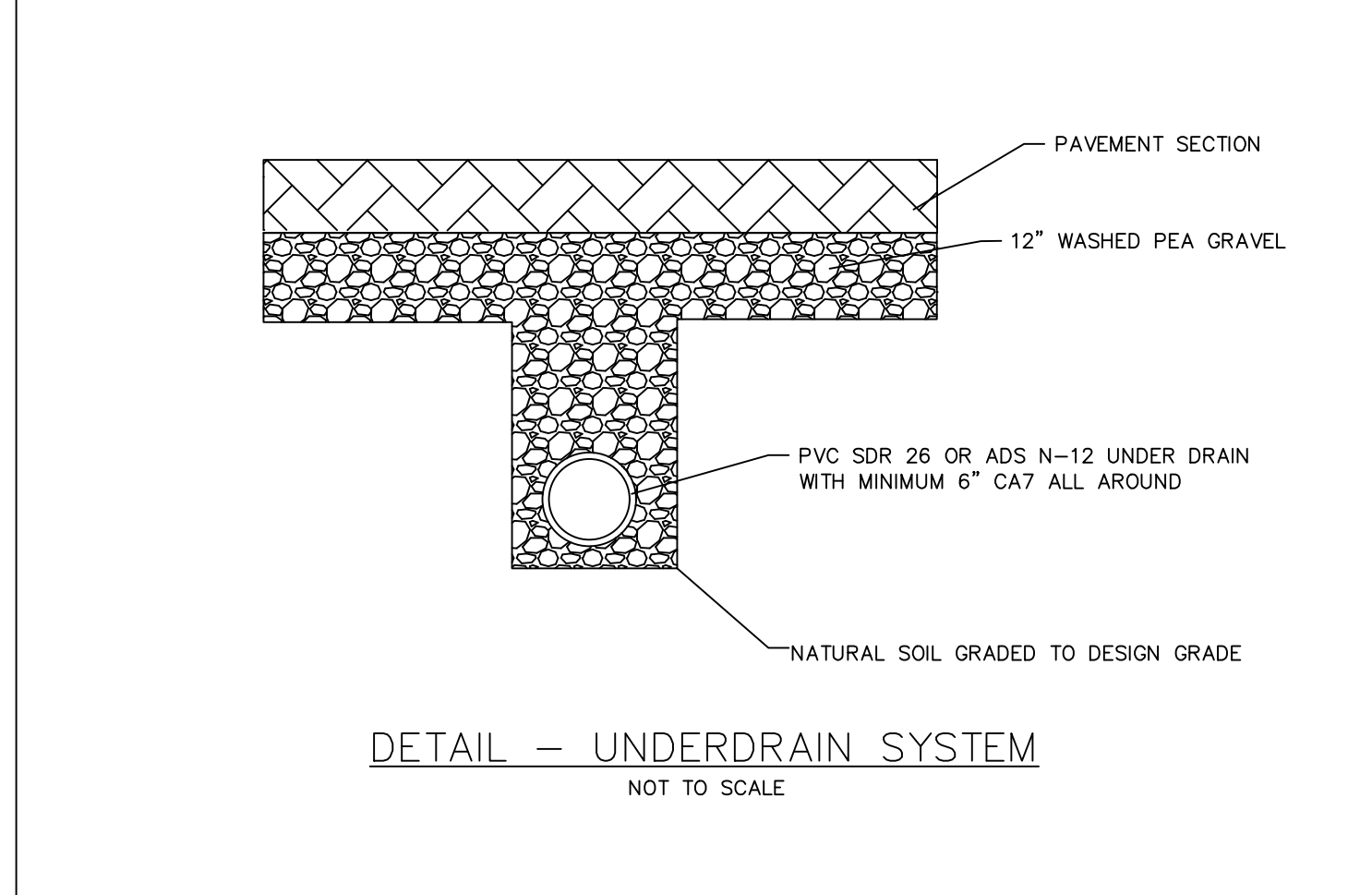
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	REVISED: 01/01/2013	SHEET 1 OF 1		



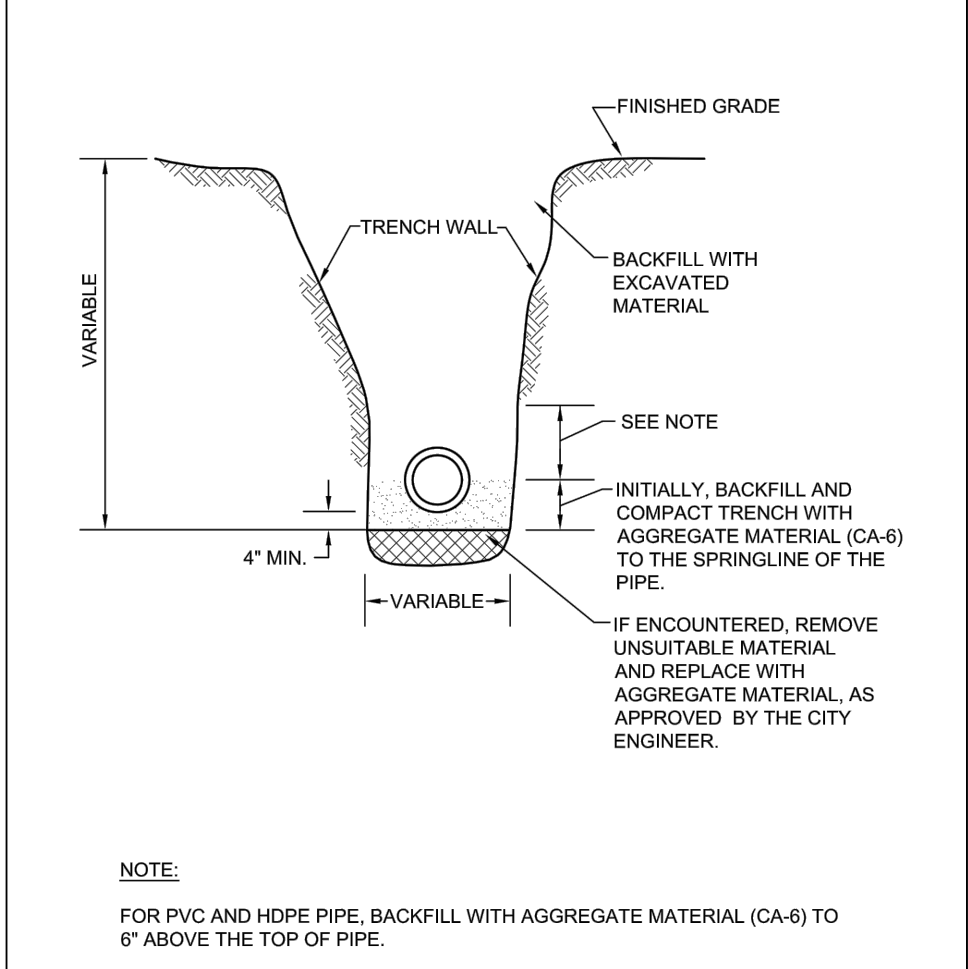
	City of Naperville STANDARD DETAIL	TRENCH SECTION FOR PVC PIPE	SANITARY 10	390.10
	REVISED: 01/01/2013	SHEET 1 OF 1		



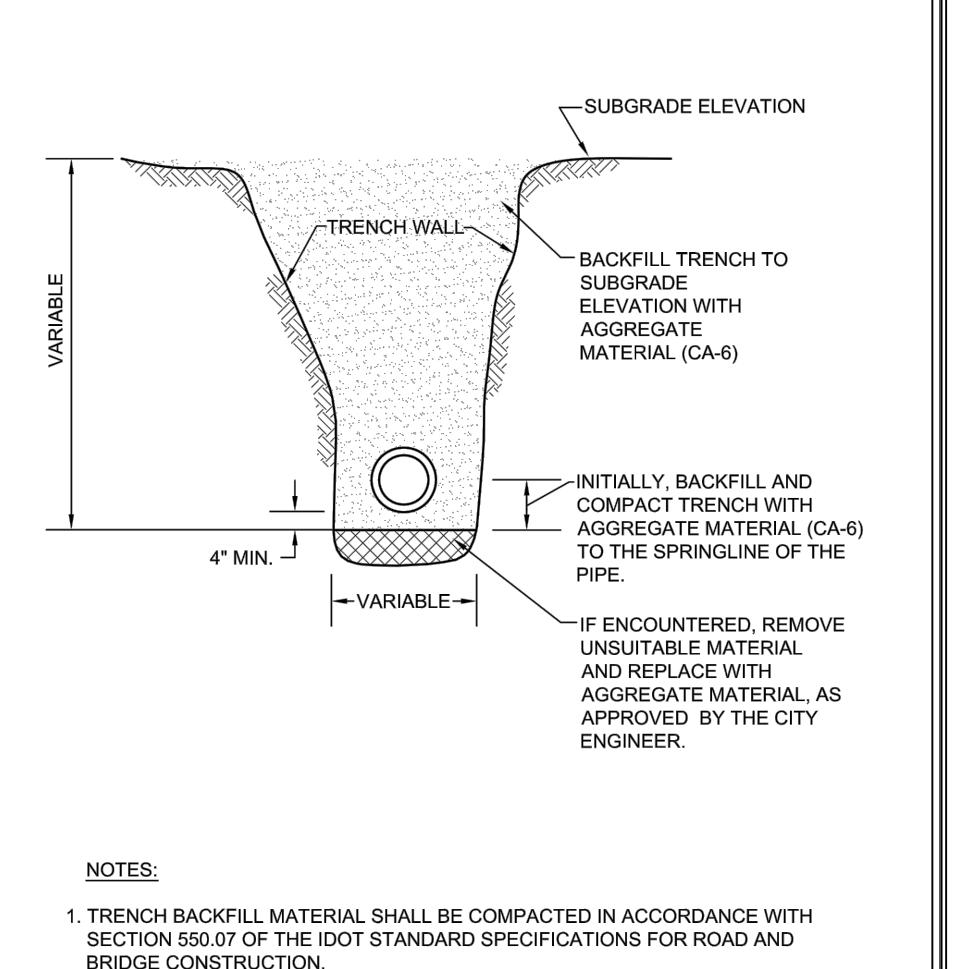
	City of Naperville STANDARD DETAIL	SANITARY SEWER MANHOLE	SANITARY 1	390.01
	REVISED: 01/01/2013	SHEET 1 OF 1		



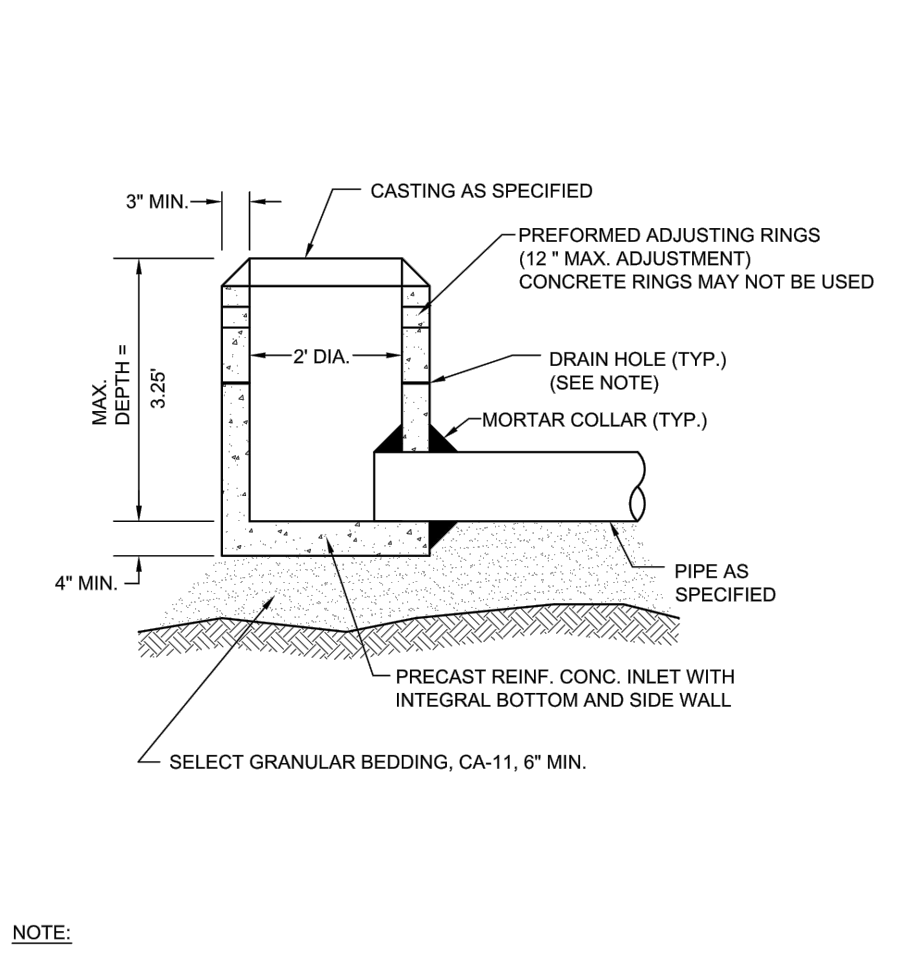
DETAIL - UNDERDRAIN SYSTEM
 NOT TO SCALE



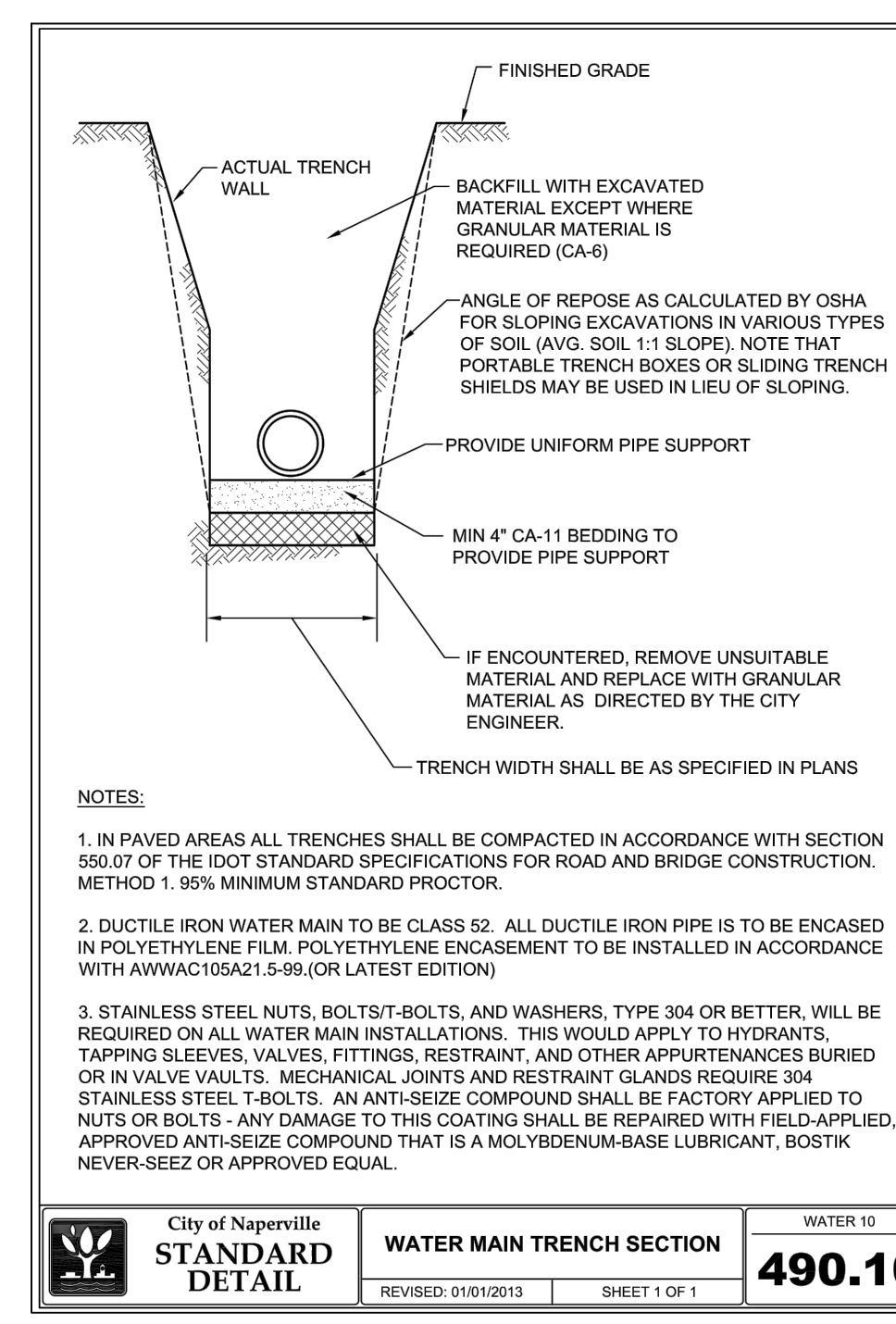
STORM SEWER TRENCH SECTION IN NON-PAVED AREAS



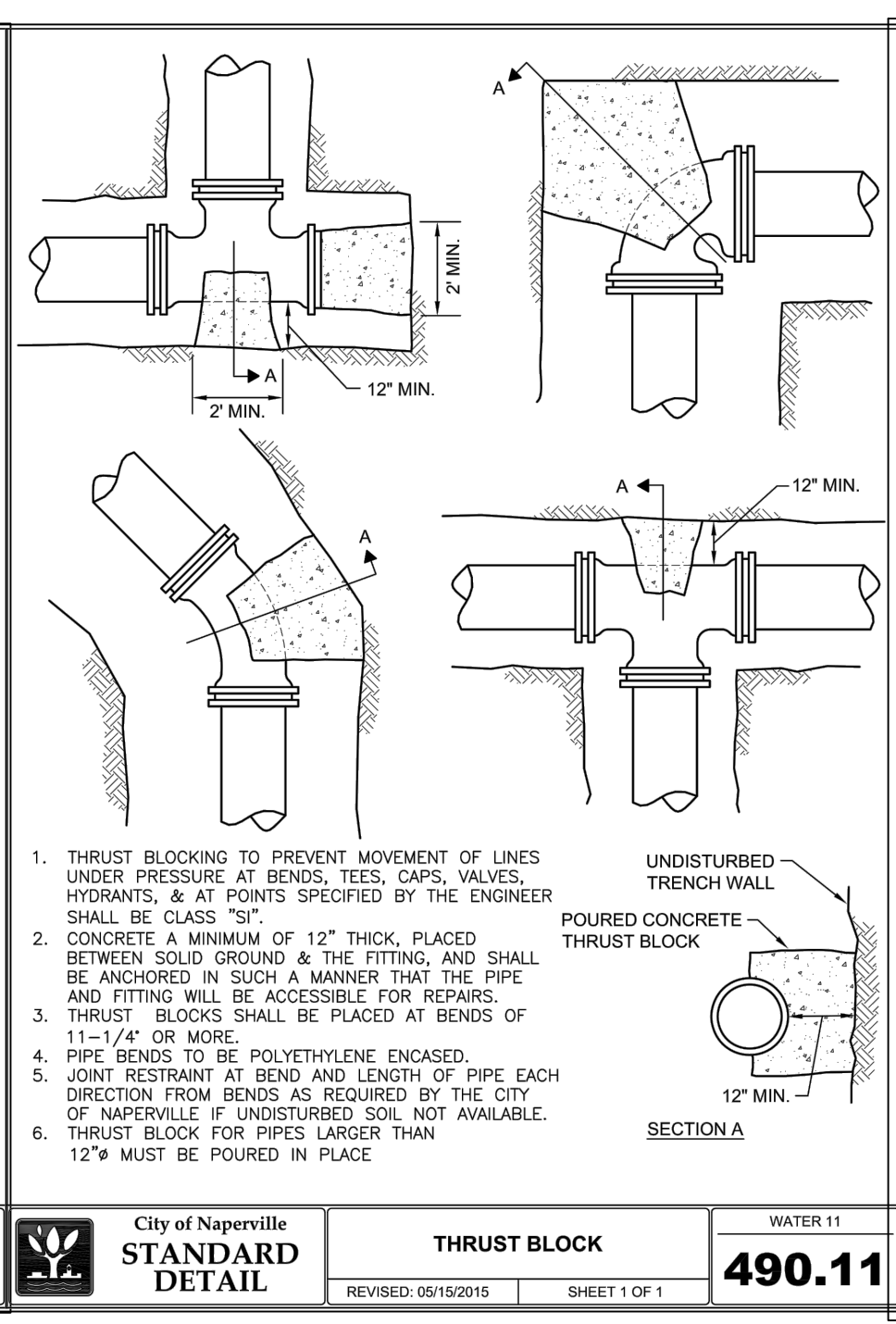
STORM SEWER TRENCH SECTION IN PAVED AREAS



INLET - TYPE A



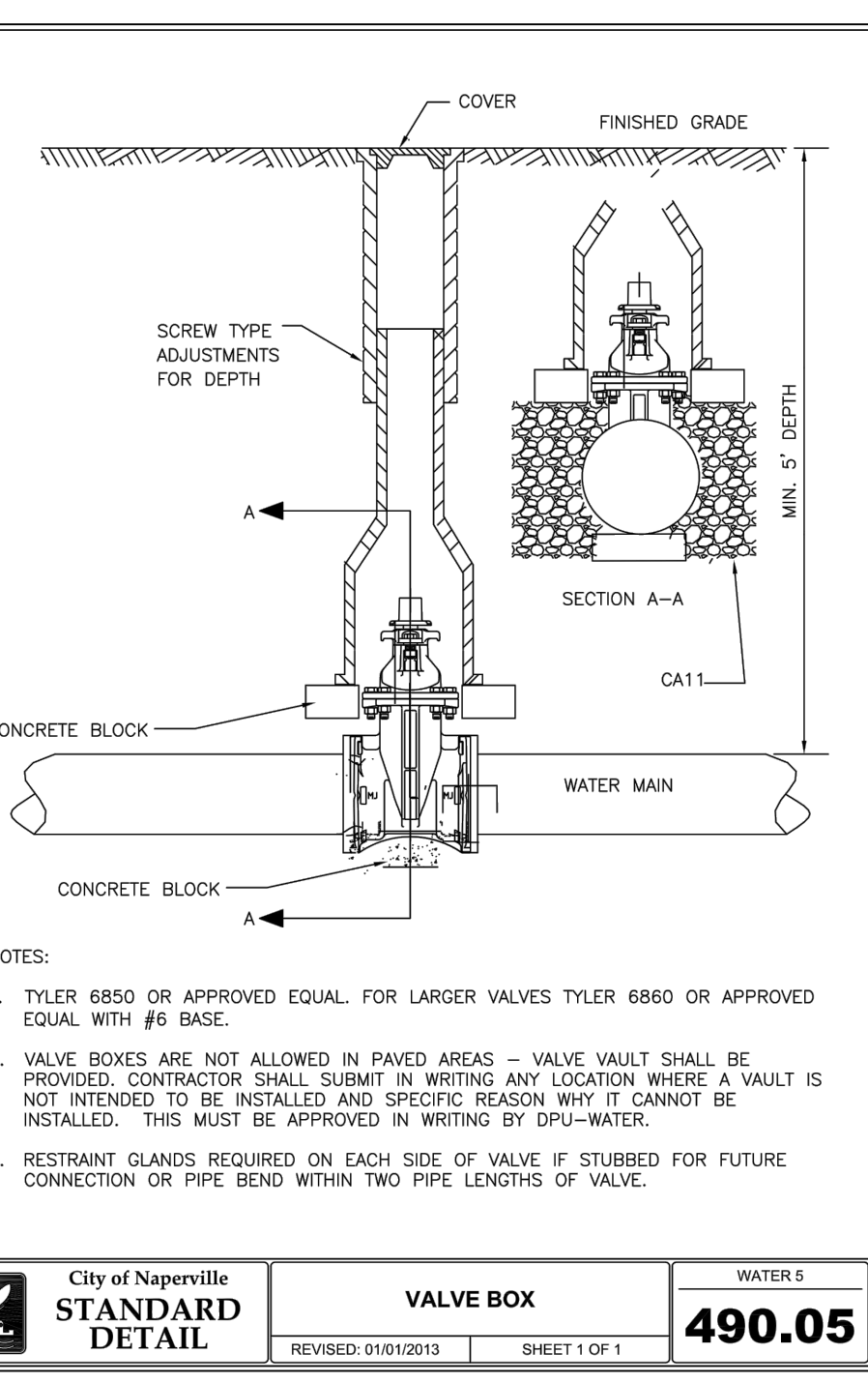
	City of Naperville STANDARD DETAIL	WATER MAIN TRENCH SECTION	WATER 10	490.10
	REVISED: 01/01/2013	SHEET 1 OF 1		



	City of Naperville STANDARD DETAIL	THRUST BLOCK	WATER 11	490.11
	REVISED: 05/15/2016	SHEET 1 OF 1		



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

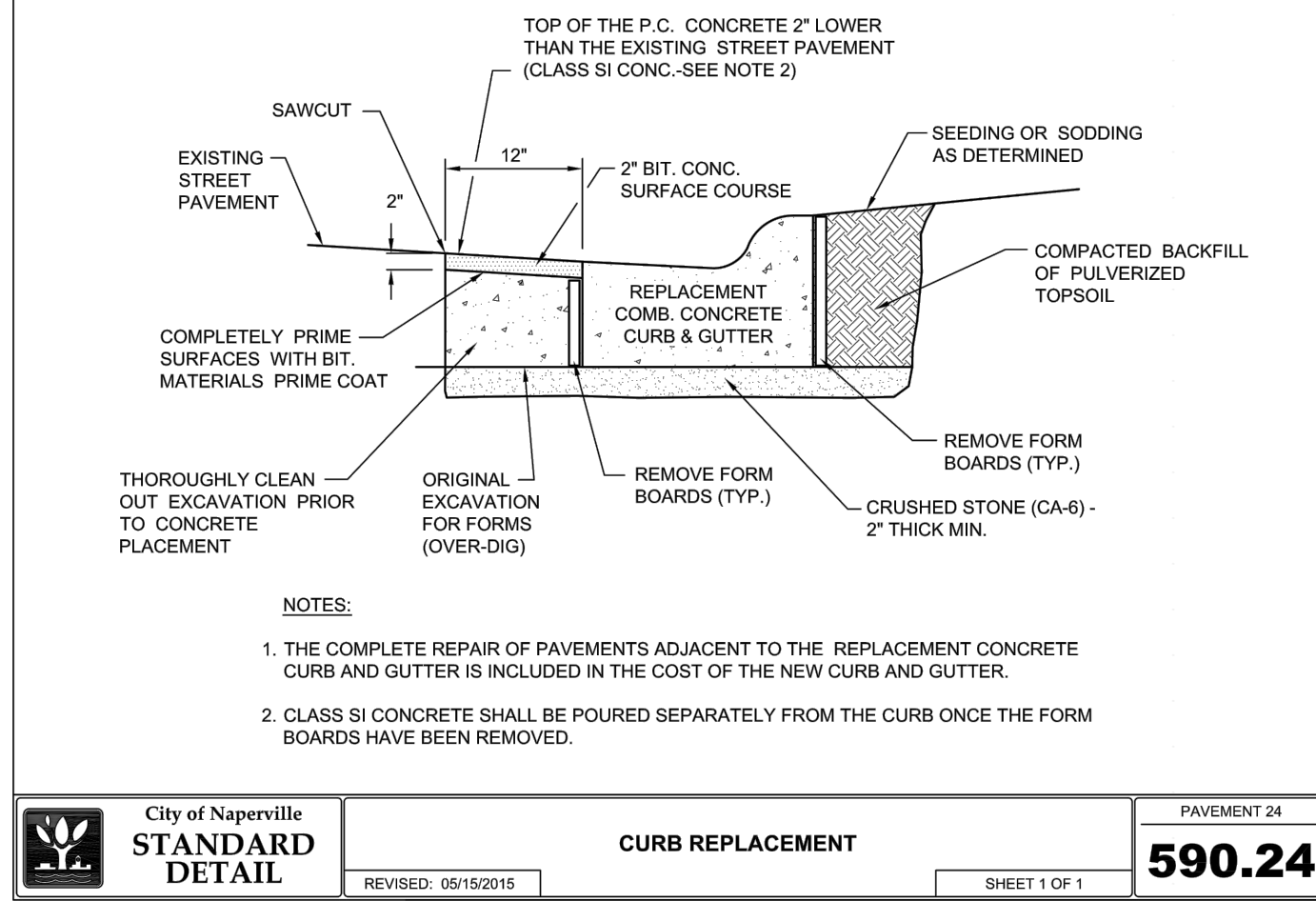


	City of Naperville STANDARD DETAIL	VALVE BOX	WATER 6	490.05
	REVISED: 01/01/2013	SHEET 1 OF 1		

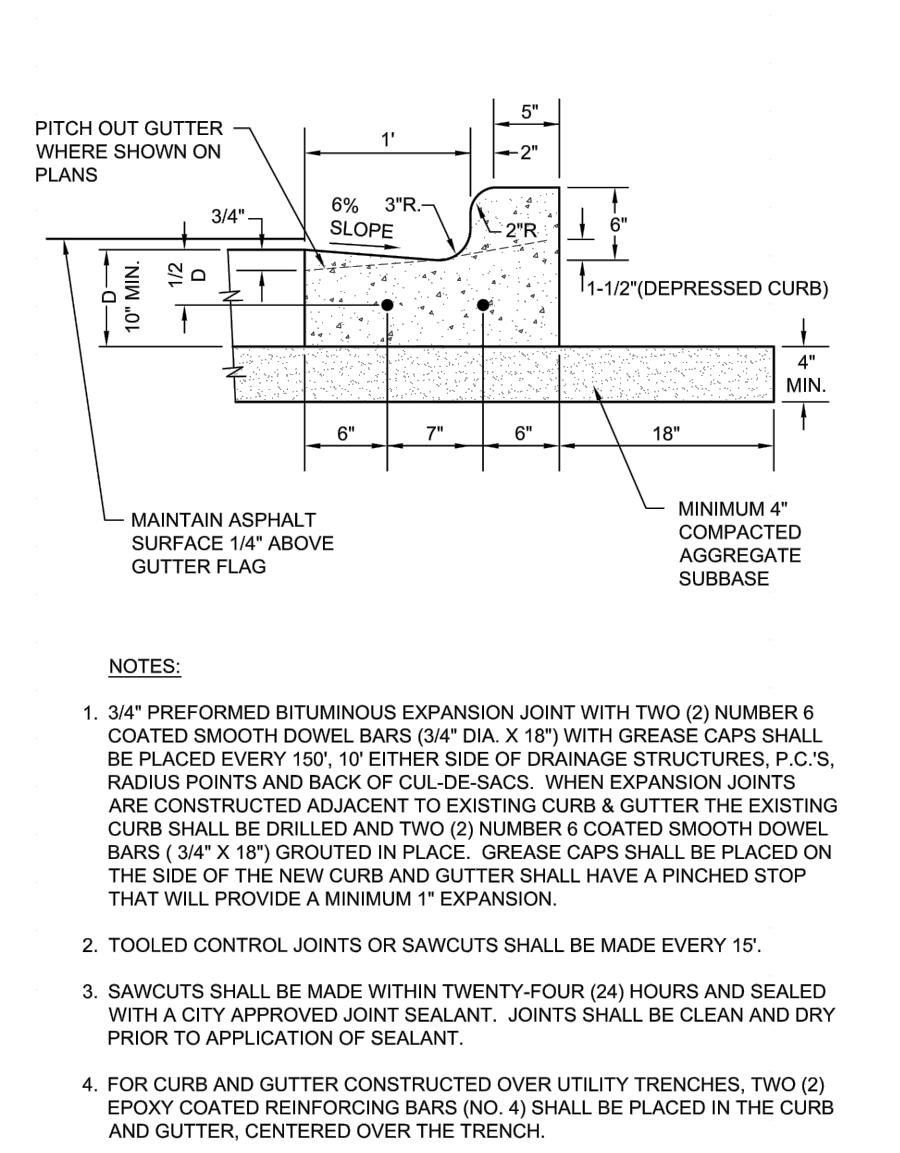
ADVANTAGE
 CONSULTING ENGINEERS
 80 MAIN STREET - SUITE 17 - LEMONT, ILLINOIS 60439
 630-520-2467
 WWW.AVCE.US

DETAILS
 DUNKIN DONUTS
 1671 N IL 59
 NAPERVILLE, IL 60563

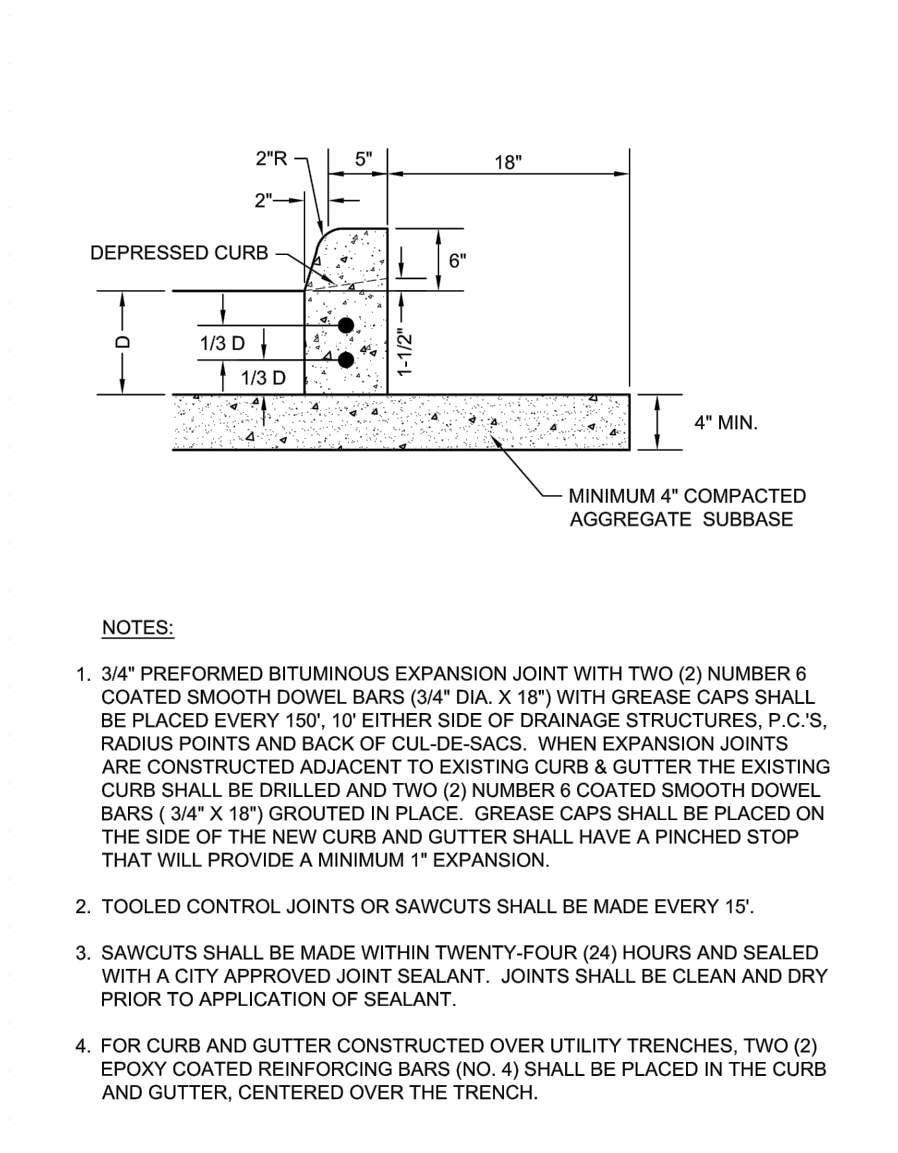
PATEL PRAKASH
 352 JENNIFER LANE
 ROSELLE, IL 60172



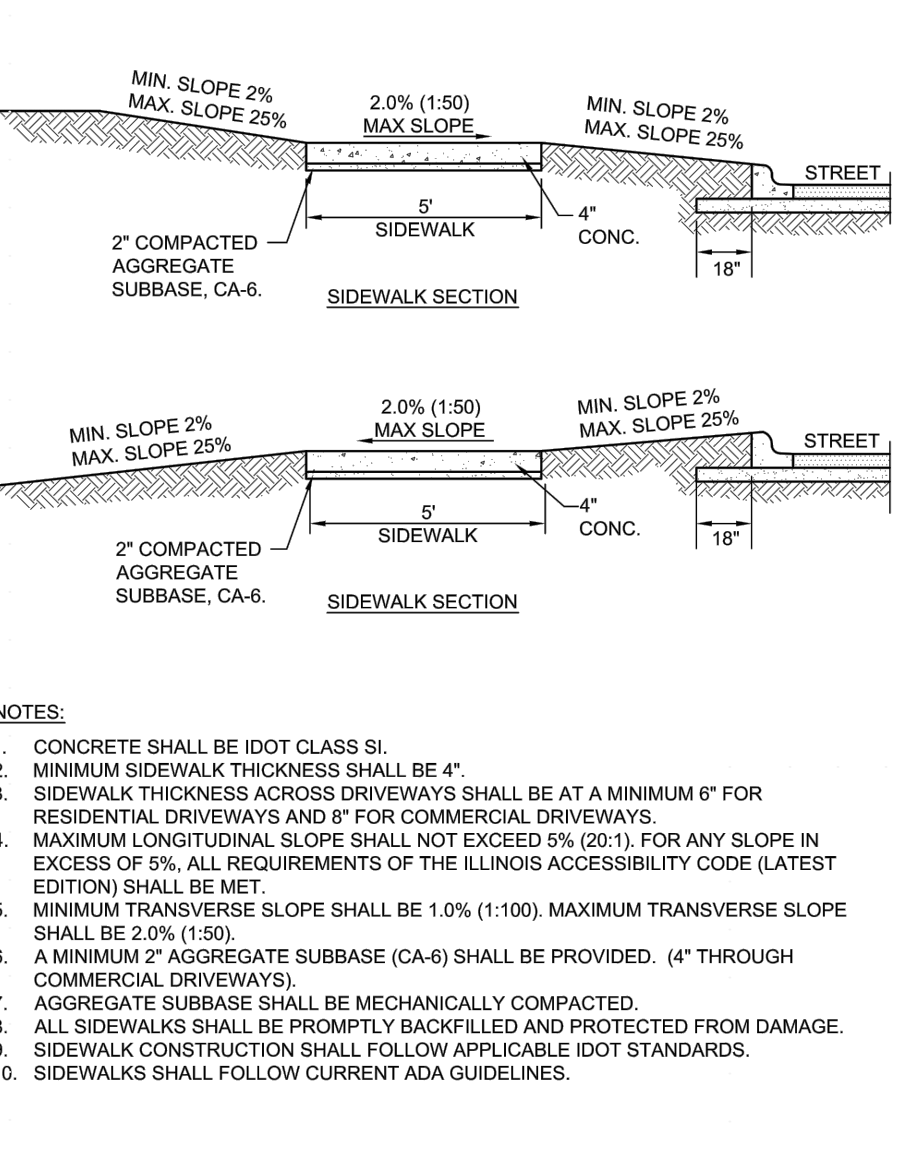
City of Naperville STANDARD DETAIL **590.24** CURB REPLACEMENT SHEET 1 OF 1



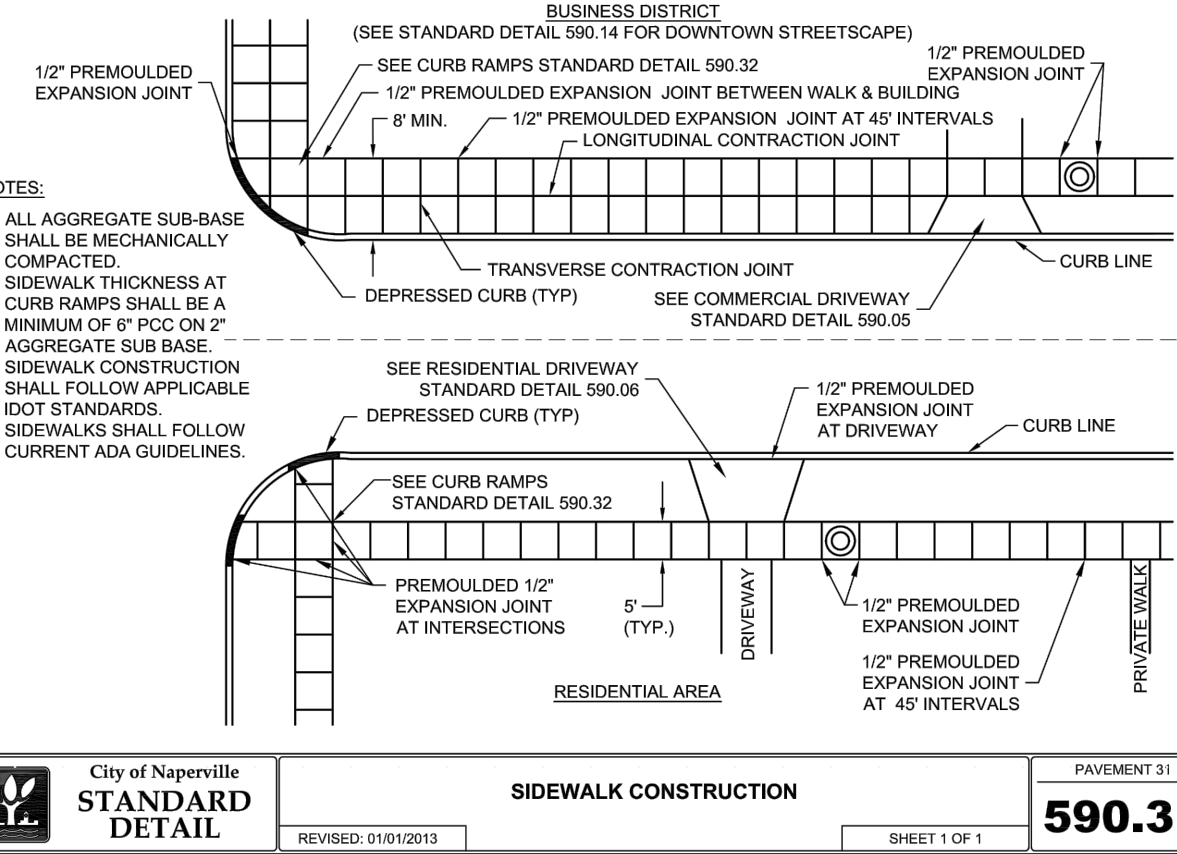
City of Naperville STANDARD DETAIL **590.20** B6.12 BARRIER CURB & GUTTER SHEET 1 OF 1



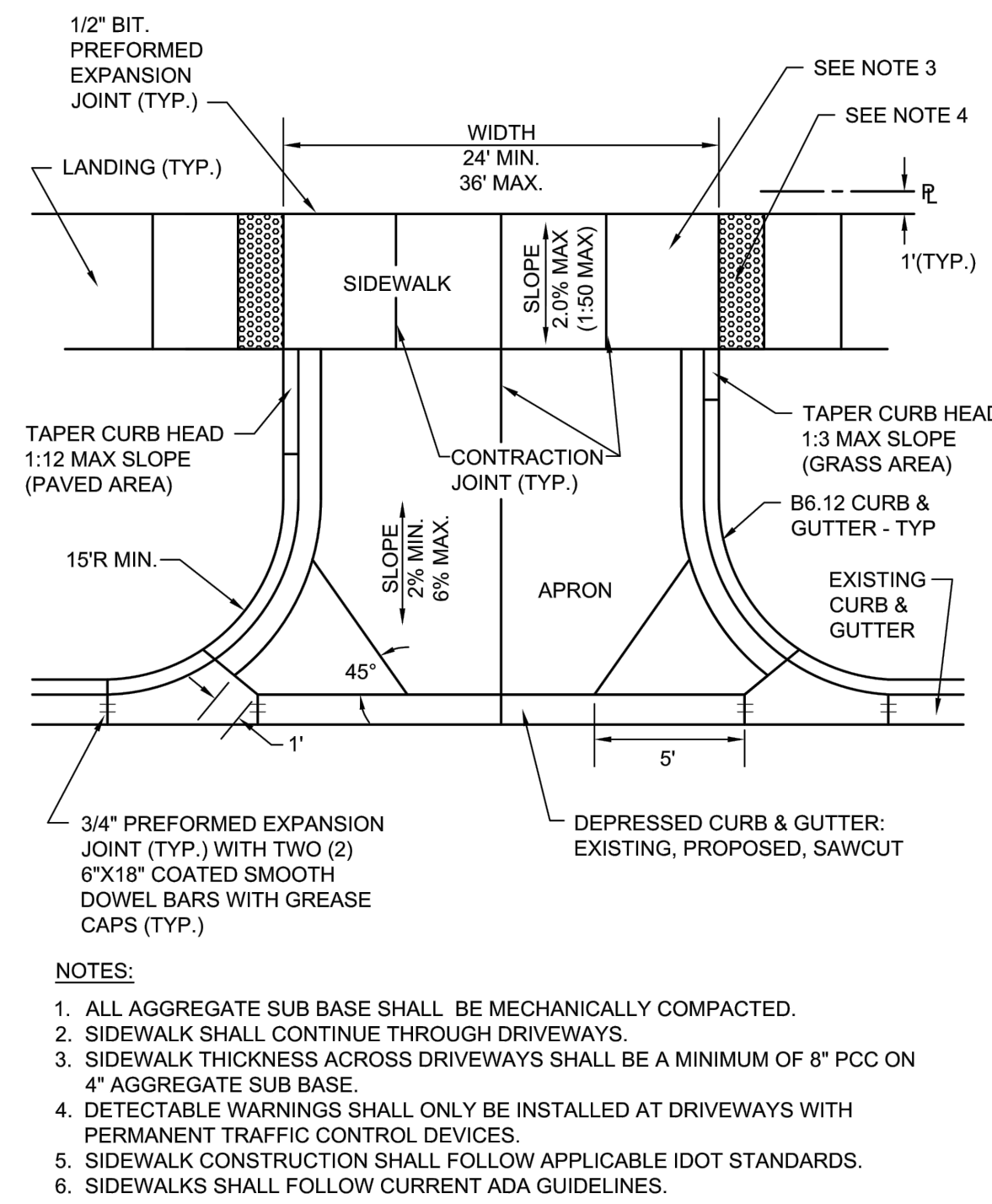
City of Naperville STANDARD DETAIL **590.23** TYPE B BARRIER CURB SHEET 1 OF 1



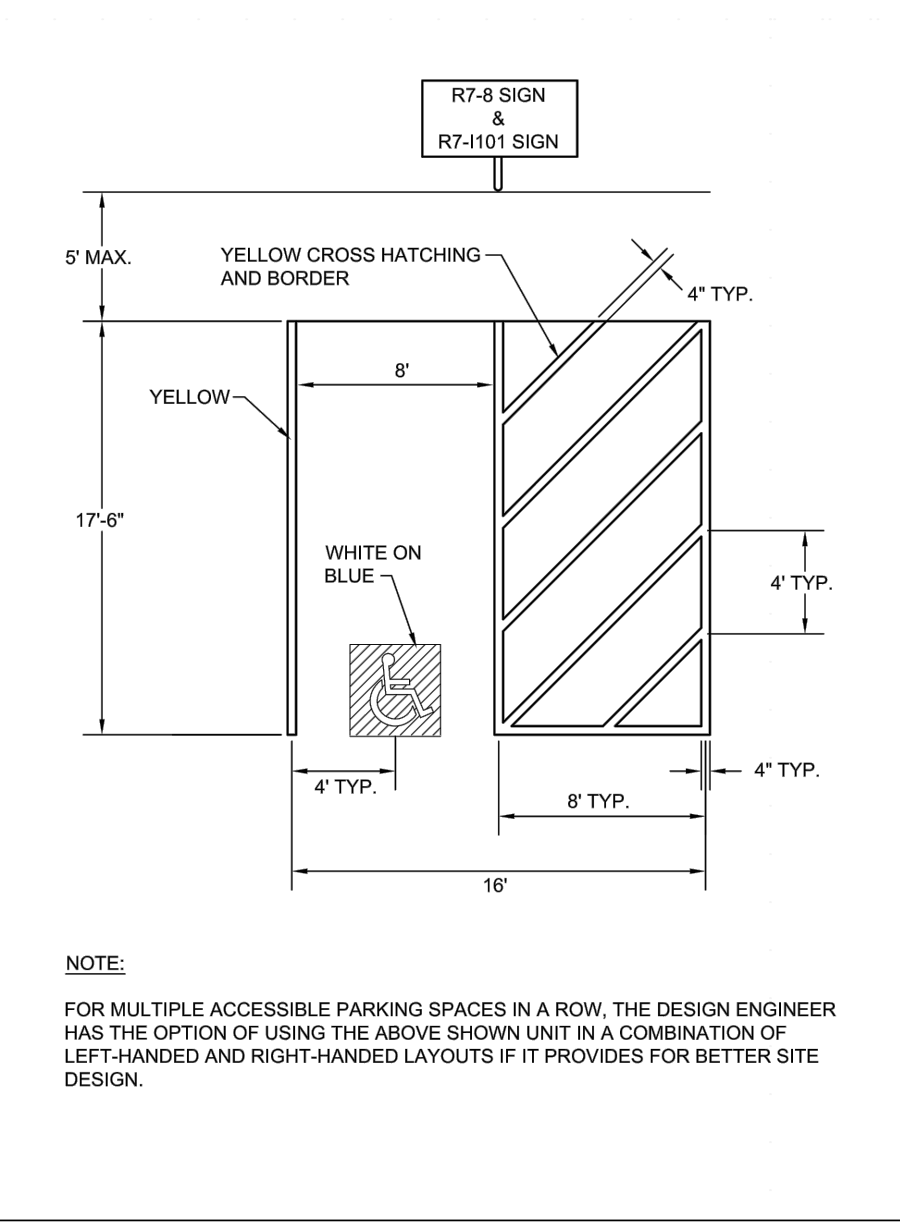
City of Naperville STANDARD DETAIL **590.30** SIDEWALK SHEET 1 OF 1



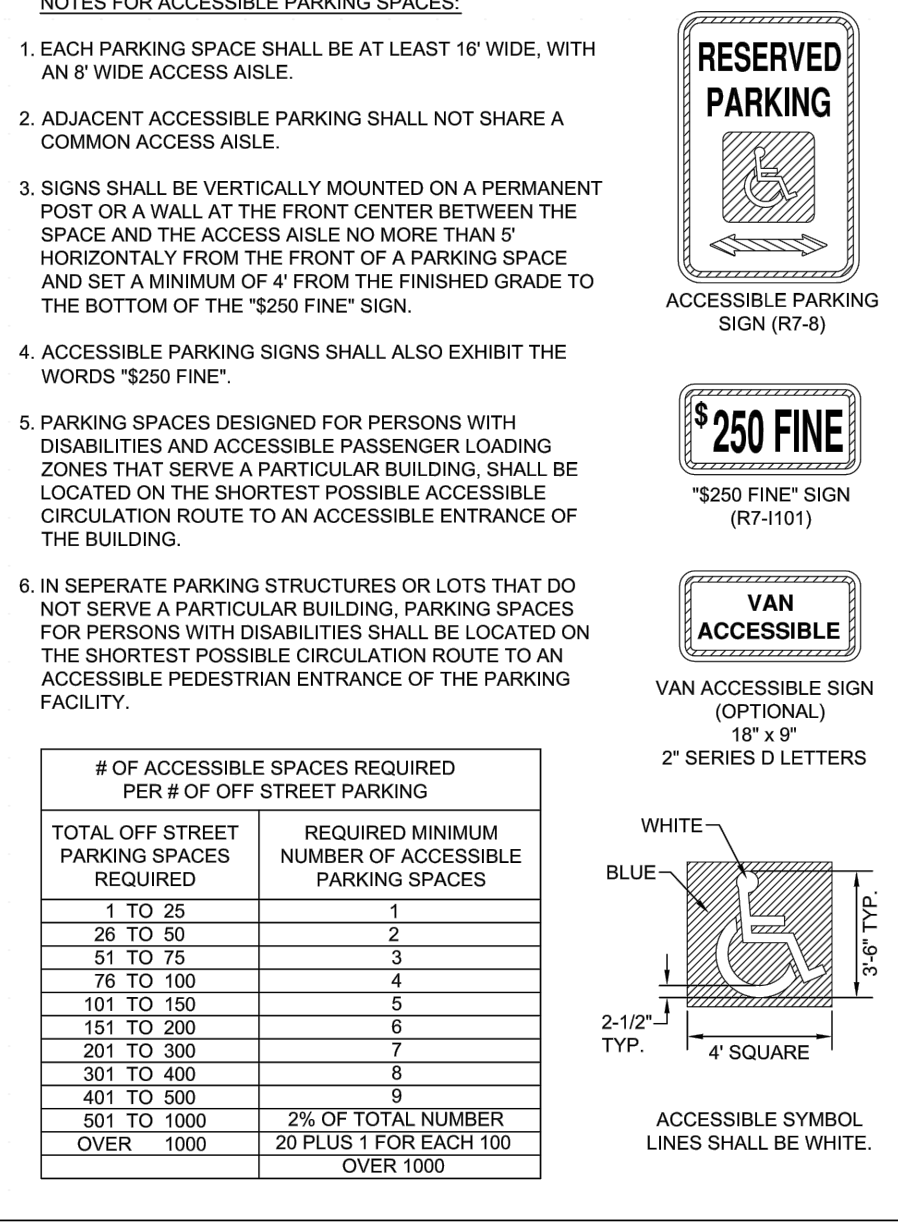
City of Naperville STANDARD DETAIL **590.31** SIDEWALK CONSTRUCTION SHEET 1 OF 1



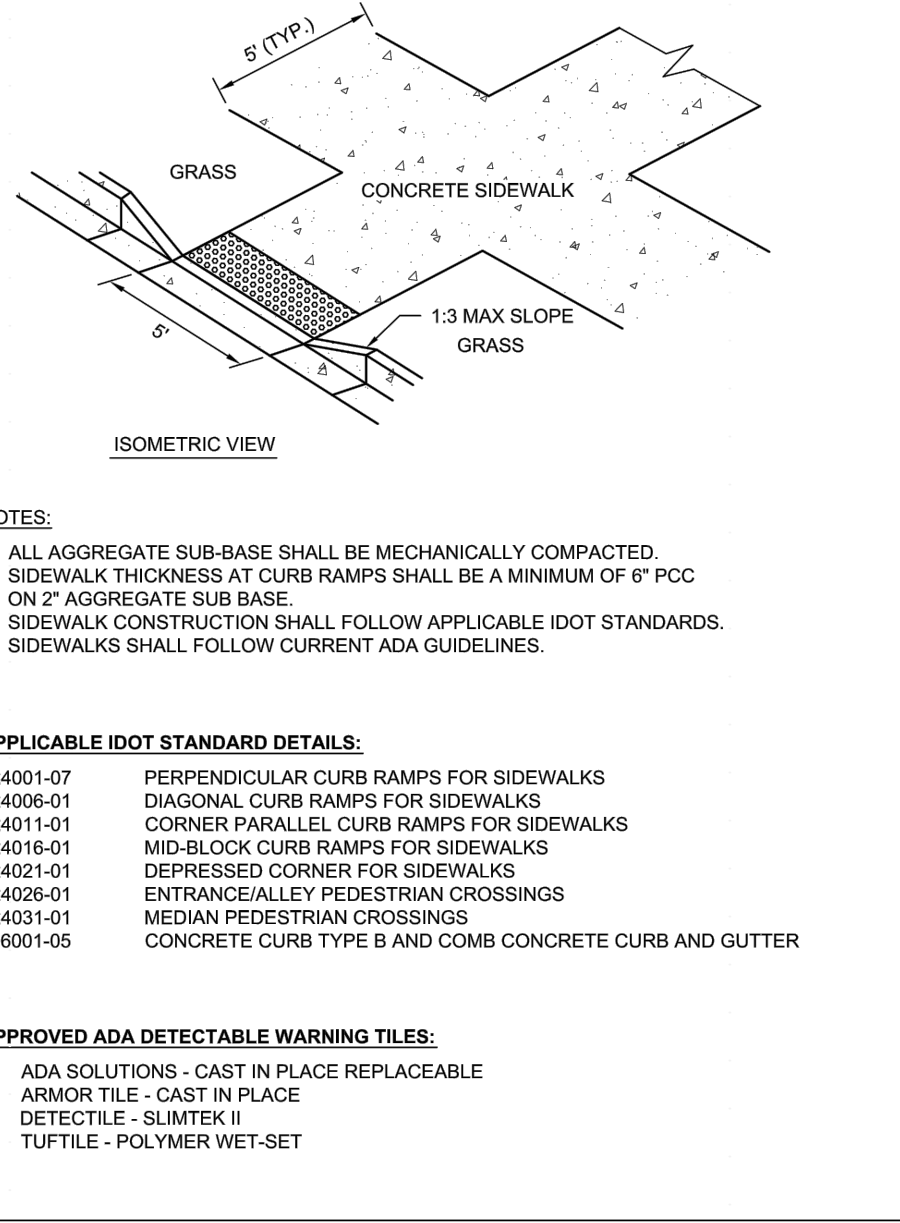
City of Naperville STANDARD DETAIL **590.05** TYPICAL COMMERCIAL DRIVEWAY DETAIL SHEET 1 OF 1



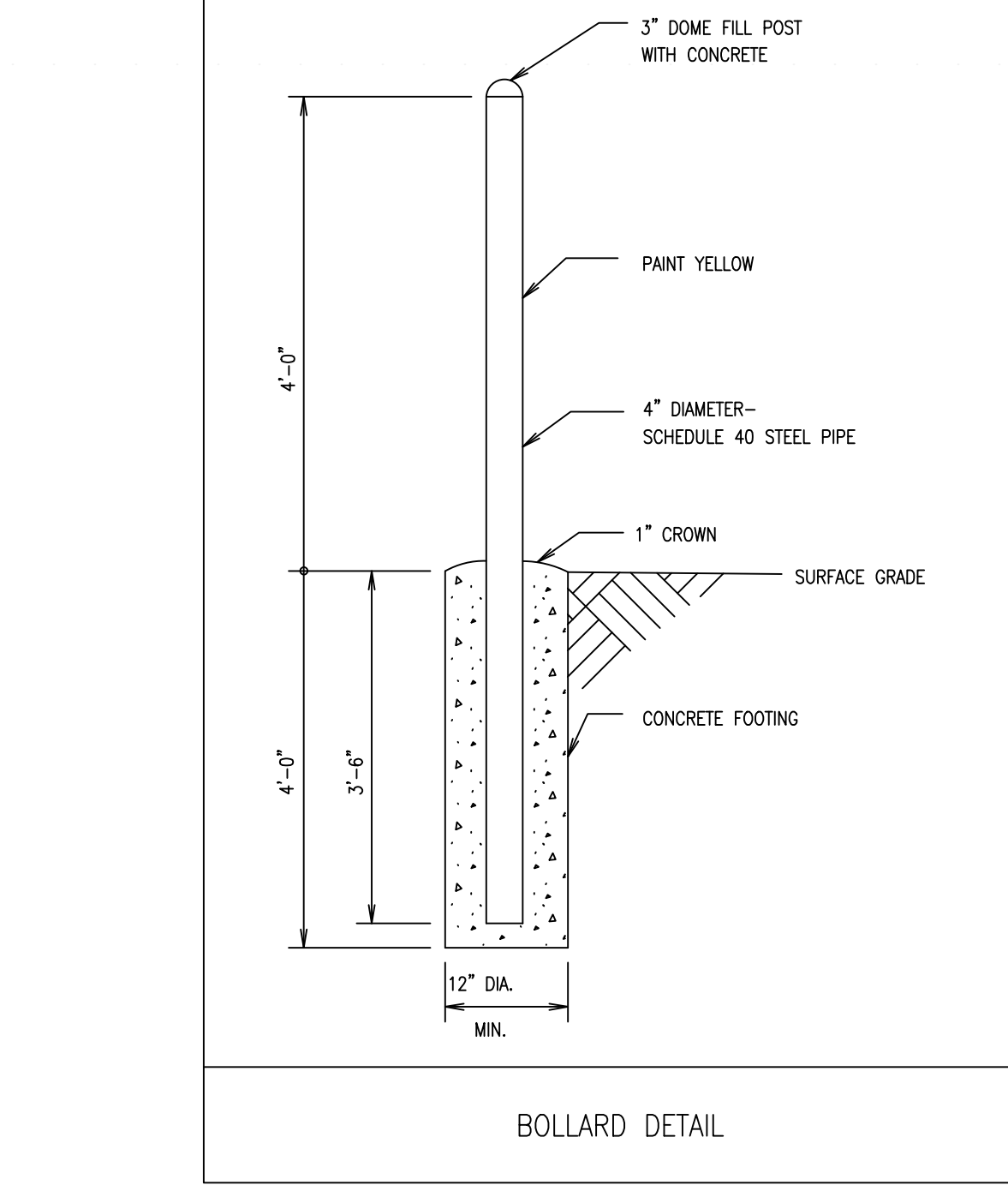
City of Naperville STANDARD DETAIL **590.35** ACCESSIBLE PARKING SPACE MARKINGS SHEET 2 OF 4



City of Naperville STANDARD DETAIL **590.35** ACCESSIBLE PARKING SPACE MARKINGS SHEET 4 OF 4



City of Naperville STANDARD DETAIL **590.32** CURB RAMPS SHEET 1 OF 1

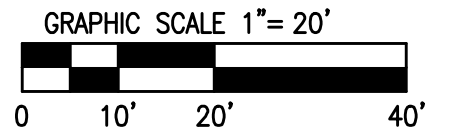
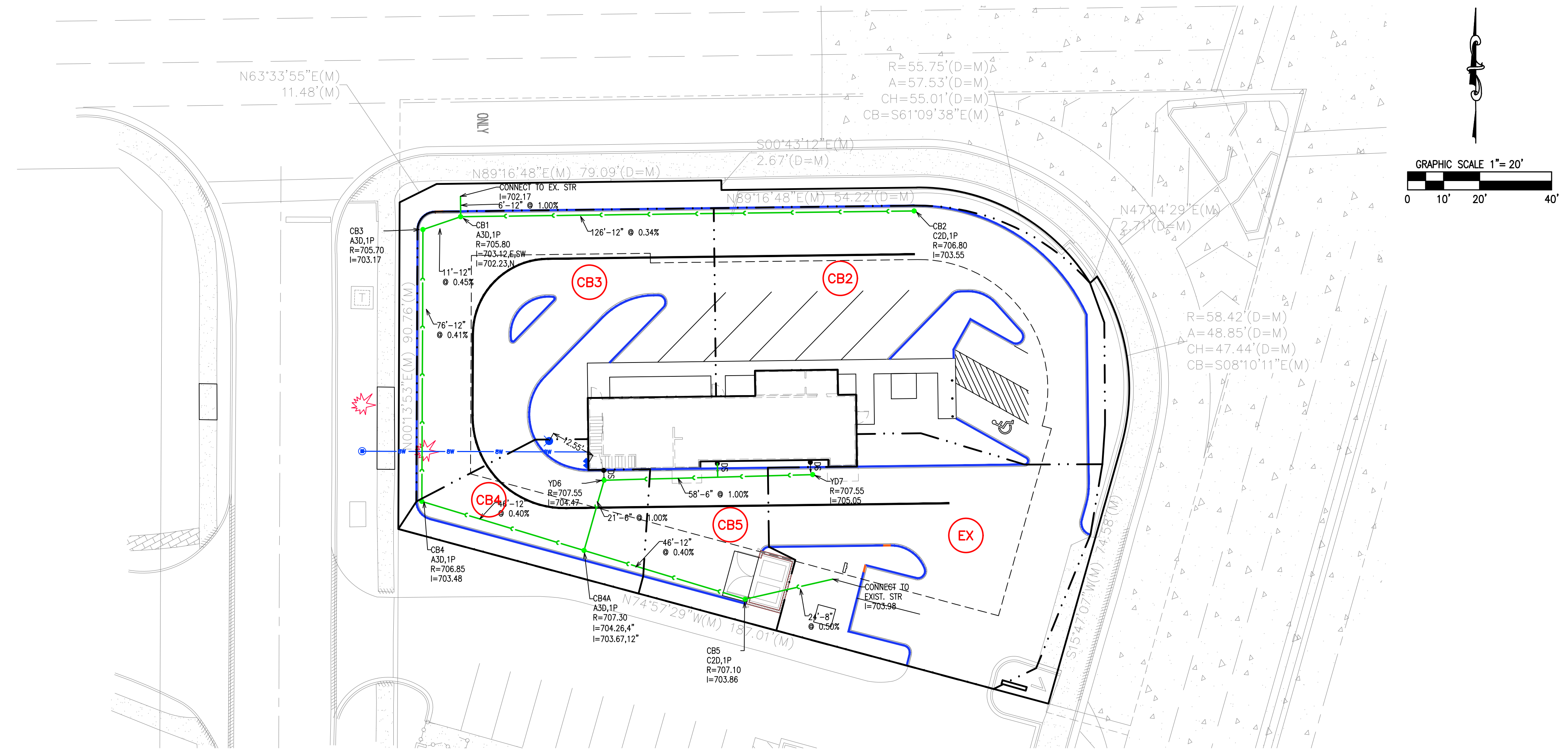


City of Naperville STANDARD DETAIL **590.32** BOLLARD DETAIL SHEET 1 OF 1

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DETAILS
 DUNKIN DONUTS
 1671 N IL 59
 NAPERVILLE, IL 60563

PATEL PRAKASH
 352 JENNIFER LANE
 ROSELLE, IL 60172



INLET AREA SUMMARY

STRUCT. #	AREA	
	S.F.	ACRE
CB1		
CB2	6,146	0.14
CB3	5,136	0.12
CB4	1,821	0.04
CB5	3,118	0.07
EXIST.	4,836	0.11

<p>ADVANTAGE CONSULTING ENGINEERS</p> <p>80 MAIN STREET - SUITE 17 - LEMONT, ILLINOIS 60439 630-520-2467 www.advce.com</p>	<p>INLET AREA MAP</p> <p>DUNKIN DONUTS 1671 N IL 59 NAPERVILLE, IL 60563</p>	<p>PATEL PRAKASH 352 JENNIFER LANE ROSELLE, IL 60172</p>	<p>REMARKS</p> <p>DATE</p> <p>NO.</p>
<p>MARCH 04, 2022 JOB: 22-010</p>		<p>SHEET: DR1</p>	
<p>1 OF 12</p>			