

SITE IMPROVEMENT PLANS

FOR
DESIGN POINTE

1336 ILLINOIS ROUTE 59, NAPERVILLE, ILLINOIS 60563

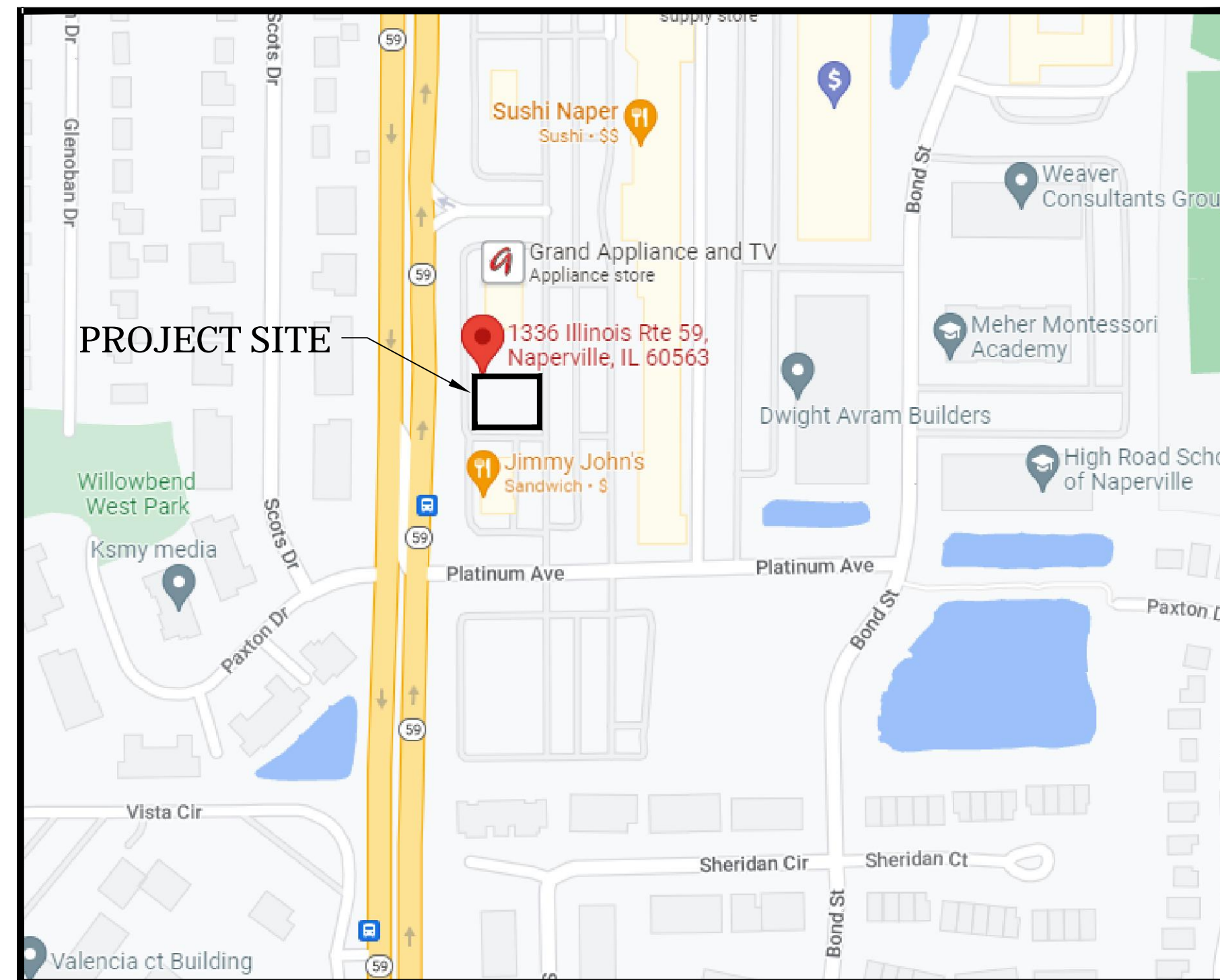
LEGAL DESCRIPTION :

PARCEL 1:
LOT D IN DESIGN POINTE, BEING A SUBDIVISION PART OF SECTION 10, TOWNSHIP 38 NORTH, RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED MARCH 27, 2006 AS DOCUMENT NUMBER R2006-055549, IN DUPAGE COUNTY, ILLINOIS, EXCEPTING THEREFROM THE FOLLOWING AS DISCLOSED BY CASE 2012ED 76: THAT PART OF LOTS D AND E IN DESIGN POINTE, BEING A SUBDIVISION OF PART OF SECTION 10, TOWNSHIP 38 NORTH; RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED- MARCH 27, 2008, AS DOCUMENT NUMBER R2006-055549, IN DUPAGE COUNTY, ILLINOIS, DESCRIBED AS FOLLOWS:
BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT E; THENCE NORTH 00 DEGREES 20 MINUTES 24 SECONDS EAST, SAID BEARING BASED ON THE ILLINOIS STATES PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2007), ALONG THE WEST LINE OF SAID LOTS D AND E A DISTANCE OF 383.55 FEET TO THE NORTHWEST CORNER OF SAID LOT D; THENCE SOUTH 89 DEGREES 38 MINUTES 36 SECONDS EAST ALONG THE NORTH LINE OF SAID LOT D 12.80 FEET; THENCE SOUTH 00 DEGREES 21 MINUTES 34 SECONDS WEST 142.42 FEET TO A CURVE; THENCE SOUTHERLY ALONG A CURVE TO THE RIGHT; HAVING A RADIUS OF 7,131.09 FEET, HAVING A CHORD BEARING SOUTH 00 DEGREES 30 MINUTES 00 SECONDS WEST, HAVING A CHORD LENGTH OF 35.04 FEET FOR A DISTANCE OF 35.04 FEET TO THE SOUTH LINE OF SAID LOT D; THENCE NORTH 89 DEGREES 38 MINUTES 36 SECONDS WEST ALONG THE SOUTH LINE OF SAID LOT D 5.00 FEET TO A CURVE; THENCE SOUTHERLY ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 7,126.09 FEET, HAVING A CHORD BEARING SOUTH 0.1 DEGREE 23 MINUTES 23 SECONDS WEST, HAVING A CHORD LENGTH OF 188.23 FEET FOR A DISTANCE OF 188.24 FEET TO A POINT OF TANGENCY; THENCE SOUTH 02 DEGREES 08 MINUTES 18 SECONDS WEST 19.79 FEET TO THE SOUTH LINE OF SAID LOT E; THENCE SOUTH 88 DEGREES 32 MINUTES 42 SECONDS WEST ALONG SAID SOUTH LINE OF LOT E 3.62 FEET TO THE PLACE OF BEGINNING.

PARCEL 2:
NON-EXCLUSIVE PERPETUAL EASEMENT FOR THE PASSAGE AND PARKING OF VEHICLES OVER AND ACROSS THE PARKING AND DRIVEWAY AREAS AND FOR THE PASSAGE AND ACCOMMODATION OF PEDESTRIANS OVER AND ACROSS THE PARKING, DRIVEWAY AND SIDEWALK AREAS, AND ALSO NON-EXCLUSIVE PERPETUAL EASEMENTS IN, TO OVER, UNDER ALONG AND ACROSS THOSE PORTIONS OF THE COMMON AREAS LOCATED ON THE DEVELOPER'S TRACT DESCRIBED AS EXHIBIT A, FOR THE INSTALLATION, OPERATION, FLOW, PASSAGE, USE, MAINTENANCE, CONNECTION, REPAIR, RELOCATION AND REMOVAL OF UTILITY LINES, INCLUDING BUT NOT LIMITED TO, SANITARY SEWERS, STORM DRAINS, AND WATER (FIRE AND DOMESTIC), GAS, ELECTRICAL, TELEPHONE, CABLE TV, DATA TRANSMISSION AND OTHER COMMUNICATION LINES, CONTAINED IN THE DECLARATION OF CONDITIONS, COVENANTS AND RESTRICTIONS OF DESIGN POINTE NAPERVILLE, ILLINOIS DATED AUGUST 30, 2006 AND RECORDED OCTOBER 2, 2007 AS DOCUMENT R2007180853.

LAND TOTAL AREA: 27,380 SQ.FT. = 0.629 ACRES.
COMMONLY KNOWN AS: 1336 ILLINOIS ROUTE 59, NAPERVILLE, ILLINOIS.
PERMANENT INDEX NUMBER: 07-10-314-008-0000

COVER



N O R T H



SITE LOCATION MAP

NO SCALE

INDEX TO DRAWINGS

0. COVER SHEET
1. EXISTING CONDITIONS & DEMO PLAN
2. GEOMETRIC & STRIPING PLAN
3. GRADING PLAN
4. UTILITY PLAN
5. EROSION CONTROL PLAN
6. EROSION CONTROL DETAILS & NOTES
7. CITY OF NAPERVILLE STANDARD DETAILS
8. CITY OF NAPERVILLE STANDARD DETAILS
9. GENERAL NOTES
10. GENERAL NOTES & SPECIFICATIONS

LEGEND

EXISTING		PROPOSED
	CURB & GUTTER	
	WATER MAIN	
	STORM SEWER	
	SANITARY SEWER	
	STORM MANHOLE	
	SANITARY MANHOLE	
	CATCHBASIN	
	INLET	
	VALVE & VAULT	
	VALVE & BOX	
	BUFFALO BOX	
	FIRE HYDRANT	
	FLARED END SECTION	
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	CULVERT	
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	PARKING SPACE COUNT	
	SURVEY CONTROL POINT	
	ELECTRIC METER	
	ELECTRIC TRANSFORMER	
	LIGHT STANDARD	
	STREET LIGHT	
	TRAFFIC LIGHT	
	POWER POLE	
	SIGN	
	TREE	
	GAS METER	
	GAS VALVE	
	FENCE	
	BURIED UTILITY LINE	
	OVERHEAD UTILITY LINE	

FOR BURIED AND OVERHEAD UTILITIES:
E-ELECTRIC T-TELEPHONE C-COMMUNICATIONS G-GAS

DESIGN SQUARE QUANTITIES	
SILT FENCING	658.00 L.F.
INLET PROTECTION	6 EA.
NEW SIDEWALK	3,415.00 S.F.
CURB REMOVE & REPLACE	440.00 L.F.
PAVEMENT MILL, RESHAPE & OVERLAY	8,920.00 S.F.
PATIO DRAIN (STORM)	1 EA.
CLEANOUTS (STORM)	3 EA.
6" ROOF/PATIO DRAIN LINE (STORM)	146.00 L.F.
6" D.I.P. WATERMAIN	100 L.F.
INSPECTION MANHOLE	1 EA.
SANITARY CLEAN OUT	1 EA.
6" P.V.C. SANITARY SEWER	9 L.F.
PAVEMENT STRIPING	660.00 L.F.
FIRE DEPT. CONNECTION	1 EA.

CLIENT:

NITA ESTATES, LLC
3804 NANNYBERRY COURT
NAPERVILLE, ILLINOIS 60564

ENGINEER:

DJA CIVIL ENGINEER & SURVEYOR
DAVE JOHNSON
1568 Holiday Drive, Sandwich, IL 60548
ph. 630 752 8600 fax. 630 752 9556
www.DJAonline.net

REFERENCE BENCHMARK :

CITY OF NAPERVILLE SURVEY MONUMENT #626
BERNSTEN 3D TOP SECURITY MONUMENT CONSISTING OF A 9/16" DIA. STAINLESS STEEL DATUM POINT ON THREADED 9/16" x 4' LONG ROD TOTALING (8') IN LENGTH WITH GREASED TOP SECURITY SLEEVE ENCLOSED IN SAND AND 6" PVC PIPE WITH BMAC 6 ALUMINUM ACCESS COVER. DATUM=(N.A.V.D.) ELEVATION=705.82

SITE BENCHMARK :

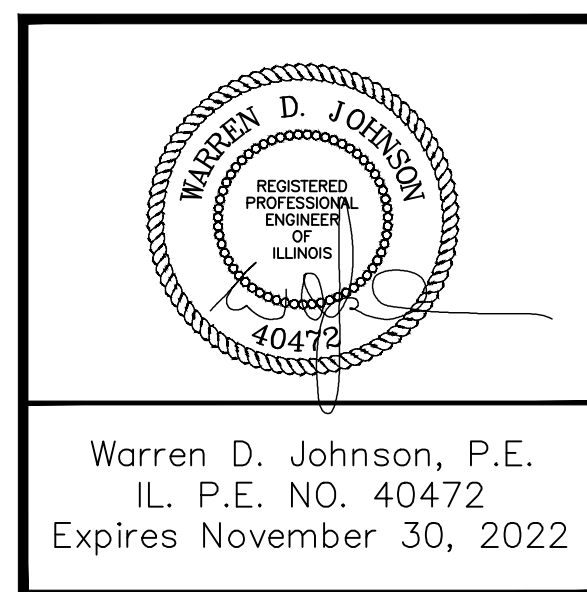
CROSS NOTCH IN TOP OF EXISTING CURB LOCATED APPROXIMATELY 49 FEET EAST OF THE NORTHEAST CORNER OF SITE.
ELEVATION=712.10 (N.A.V.D.)

WARNING
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DAY 365 DAYS A YEAR



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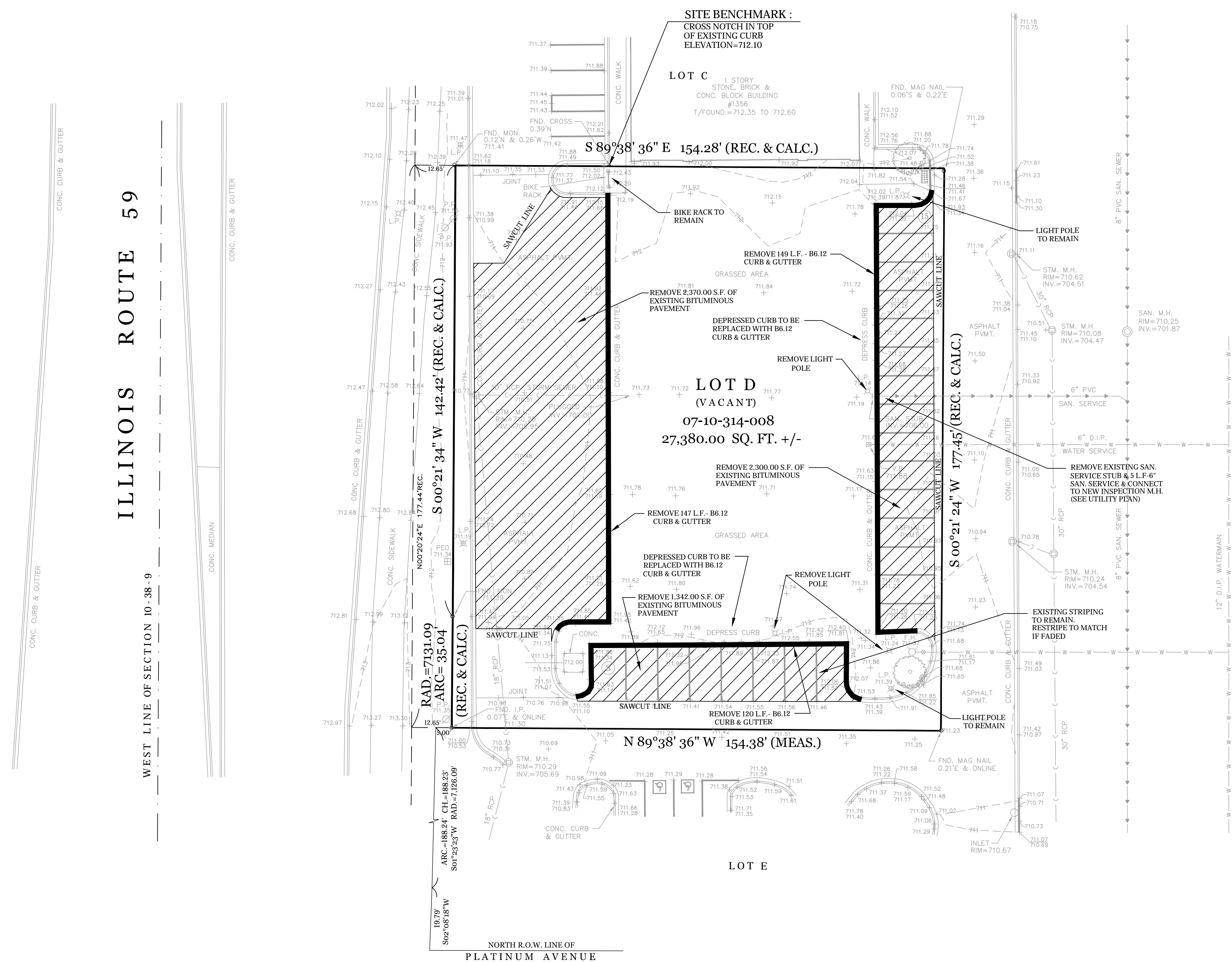
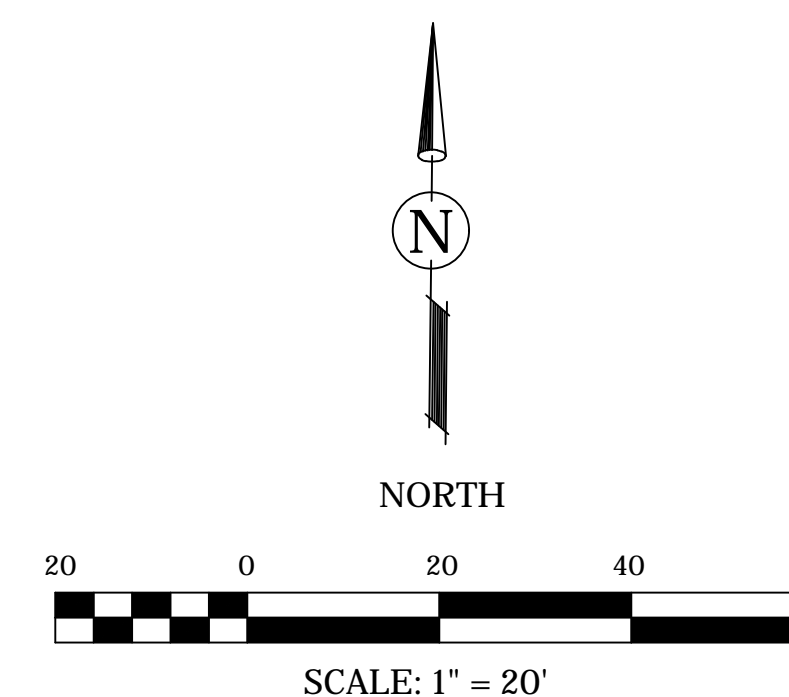


DATE: DECEMBER 15, 2022

FIRST SUBMITTAL : 10-01-22
SECOND SUBMITTAL : 12-15-22
THIRD SUBMITTAL : 02-06-23

SITE IMPROVEMENT PLANS FOR DESIGN POINTE 1336 ILLINOIS ROUTE 59, NAPERVILLE, ILLINOIS 60563

EXISTING CONDITIONS & DEMOLITION PLAN



- NOTES:
- EXISTING CONDITIONS SURVEY IS BASED ON A TOPOGRAPHIC SURVEY PREPARED BY DAVE JOHNSON & ASSOCIATES, LTD.
 - LOCATION OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT ALL PUBLIC AND PRIVATE UTILITY OWNERS AND JULIE TO VERIFY UTILITY LOCATIONS AND ELEVATIONS PRIOR TO STARTING WORK.
 - CONTRACTOR SHALL PROVIDE NECESSARY PROTECTION TO ALL EXISTING UTILITIES AND ROADWAYS.
 - THE CITY OF NAPERVILLE SHALL BE NOTIFIED WHEN EXISTING FIELD DRAINAGE TILES ARE ENCOUNTERED DURING CONSTRUCTION REGARDLESS OF CONDITION OR FUNCTIONALITY. THE CITY OF NAPERVILLE SHALL HAVE FINAL APPROVAL OF ANY REPAIR, CONNECTION, ABANDONMENT OR OTHER METHODS FOR MITIGATING EXISTING DRAINAGE TILE ENCOUNTERED ON SITE.



STATE OF ILLINOIS
COUNTY OF DuPAGE) S.S.

I, WARREN D. JOHNSON, HEREBY CERTIFY THAT I HAVE SURVEYED THE ABOVE PROPERTY AND THAT THE PLAT HEREON DRAWN IS A CORRECT REPRESENTATION OF SAID SURVEY.

DATED AT WHEATON, IL THIS 1ST DAY OF SEPTEMBER, A.D. 2022.

WARREN D. JOHNSON
2971 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS
WHEATON, ILLINOIS

ILLINOIS REGISTERED LAND SURVEYOR NO. 2971
EXPIRES NOVEMBER 30, 2022

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10-01-22	D.J.	PER REVIEW			
12-15-22	D.J.	PER REVIEW			
02-06-23	D.J.	PER REVIEW			

DRAWN BY: DJ	DATE: 10-01-22	<p>DJA DAVE JOHNSON</p> <p>CIVIL ENGINEER & SURVEYOR 1588 Holiday Drive Sandwich, IL 60548 ph. 630 732 8600 fax. 630 752 9556 e-mail: DJA@DJAonline.net</p>	CLIENT:	NITA ESTATES, LLC 3804 NANNYBERRY COURT NAPERVILLE, ILLINOIS 60564	TITLE:	EXISTING CONDITIONS PLAN DESIGN POINTE 1336 ILLINOIS ROUTE 59 NAPERVILLE, ILLINOIS 60563	SCALE: 1" = 20'
CHECKED BY: WDJ	DATE: 10-01-22		DATE: 10-01-22	JOB NO: 0000			
APPROVED BY: WDJ	DATE: 10-01-22						

SHEET 1 OF 10

SITE IMPROVEMENT PLANS FOR DESIGN POINTE 1336 ILLINOIS ROUTE 59, NAPERVILLE, ILLINOIS 60563

GEOMETRIC & STRIPING PLAN

SITE DATA TABLE

SITE AREA : 27,380.00 S.F.

EXISTING IMPERVIOUS AREA

CONCRETE SIDEWALK & PAD : 217.00 S.F.

BITUMINOUS PAVEMENT : 11,909.00 S.F.

CURB & GUTTER : 715 L.F. x 1.50' = 1,072.50 S.F.

TOTAL : 13,198.50 S.F.

PARKING STALL DATA

EXISTING REG. STALLS : 23 EA.

PROPOSED NEW IMPERVIOUS AREA

BUILDING : 8,899.00 S.F.

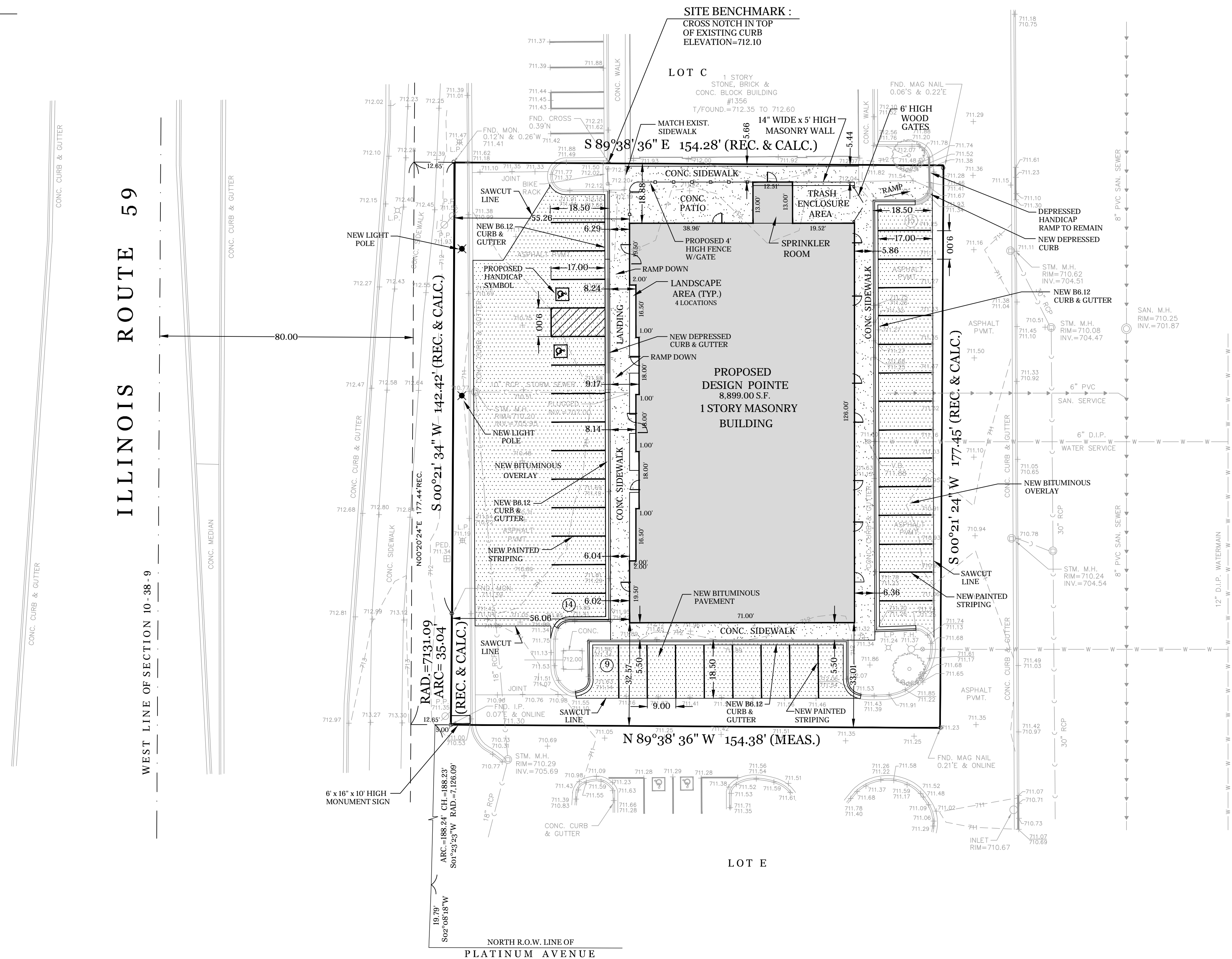
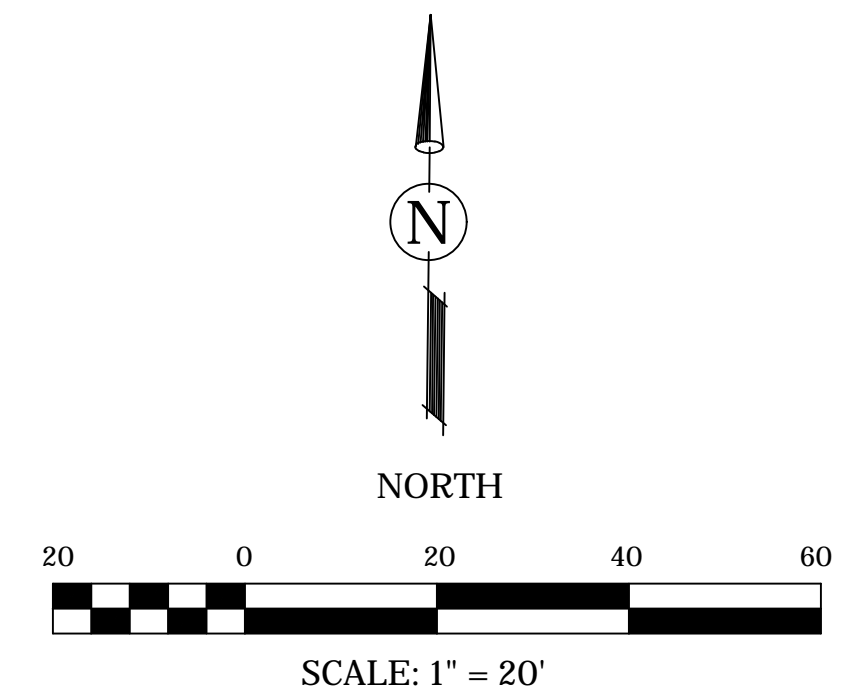
CONCRETE SIDEWALK & PATIO : 3,415.00 S.F.

TOTAL : 12,314.00 S.F.

PARKING STALL DATA

PROPOSED REG. STALLS : 13 EA.

PROPOSED HANDICAP STALLS : 2 EA.



EXISTING	LEGEND	PROPOSED
	CURB & GUTTER	
	WATER MAIN	
	STORM SEWER	
	SANITARY SEWER	
	STORM MANHOLE	
	SANITARY MANHOLE	
	CATCHBASIN	
	INLET	
	VALVE & VAULT	
	VALVE & BOX	
	FIRE HYDRANT	
	FLARED END SECTION	
	DEPRESSED CURB	
	CONTOUR	
	DRAINAGE FLOW	
	CULVERT	
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	TRAFFIC LIGHT	
	POWER POLE	
	SIGN	
	TREE	
	GAS METER	
	GAS VALVE	
	FENCE	
	BURIED UTILITY LINE	
	OVERHEAD UTILITY LINE	

FOR BURIED AND OVERHEAD UTILITIES:
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- NOTES:**
- REFER TO ARCHITECTURAL DRAWINGS FOR PROPOSED BUILDING DETAIL AND DIMENSIONS. BUILDING FOOTPRINTS SHOWN FOR REFERENCE PURPOSES ONLY.
 - DIMENSIONS TO CURB LINES ARE TO BACK OF CURB.
 - UNLESS OTHERWISE NOTED, ALL PAVEMENT MARKINGS SHALL BE 4 INCH WIDE IDOT STANDARD PAINTED YELLOW. DIAGONAL MARKINGS SHALL BE 2 FOOT ON CENTER.
 - SIDEWALKS INTERSECTING CURB LINES SHALL BE CONSTRUCTED WITH DEPRESSED CURBS, ADA RAMP AND DETECTABLE WARNING SURFACE. WORK SHALL BE IN ACCORDANCE WITH THE ILLINOIS ACCESSIBILITY CODE.
 - ADA PARKING SPACES AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE ILLINOIS ACCESSIBILITY CODE.
 - PROVIDE A FULL DEPTH SAW CUT FOR ALL CURB, PAVEMENT, OR SIDEWALK TO BE REMOVED.
 - ALL TRAFFIC SIGNAGE SHALL CONFORM TO THE DEPARTMENT OF TRANSPORTATION MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES AND THE ILLINOIS ADMINISTRATIVE CODE, LATEST EDITIONS.

PAVEMENT LEGEND

	BITUMINOUS PAVEMENT 1.5" HMA SURFACE COURSE, MIX D, N50 2.5" HMA BINDER COURSE, IL19.0, N70 10" AGGREGATE BASE COURSE, TYPE B, CA-6
	PORTLAND CEMENT CONCRETE SIDEWALK (4,000 PSI) 5" PORTLAND CEMENT CONCRETE 3" AGGREGATE BASE COURSE, TYPE B, CA-6

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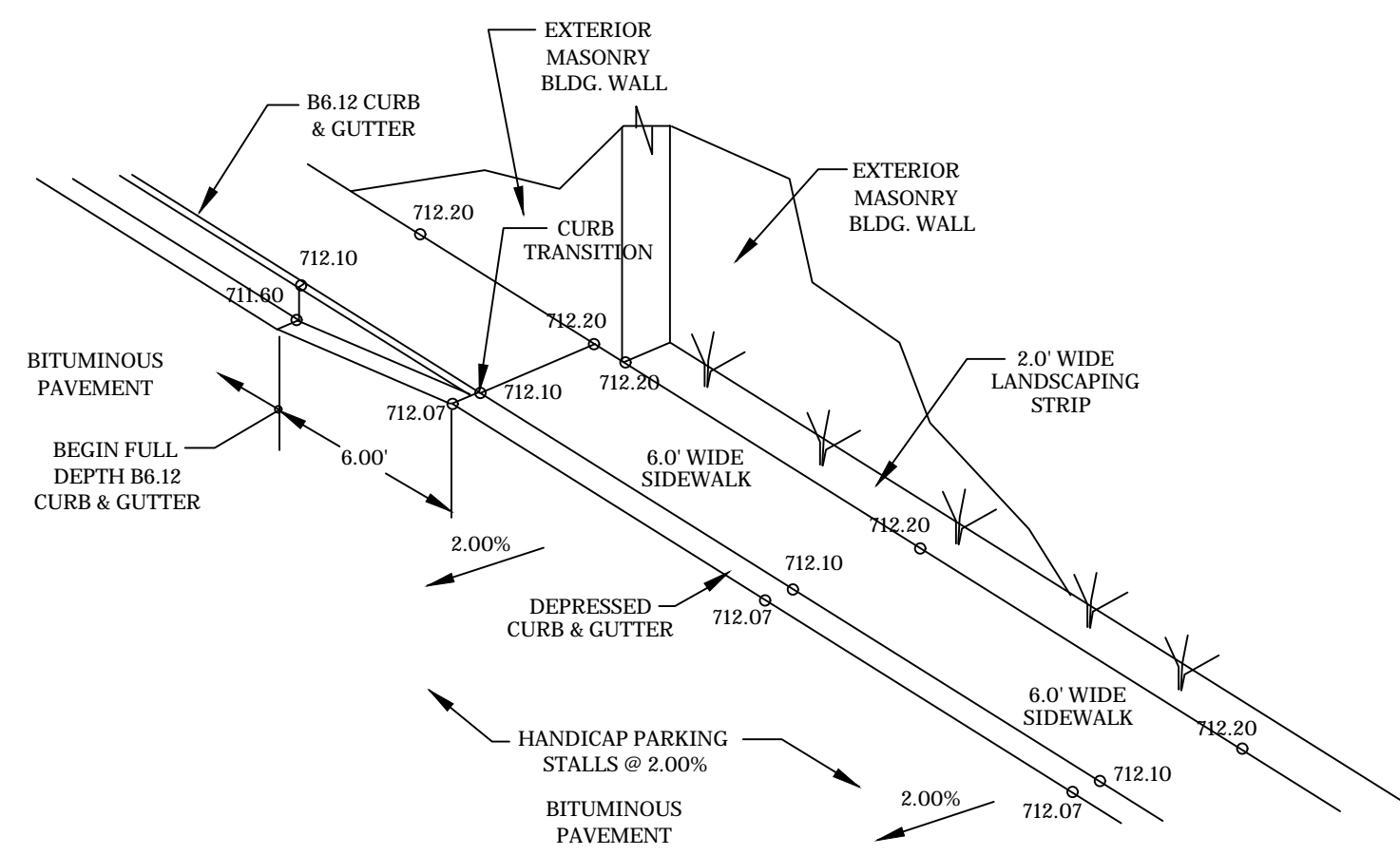
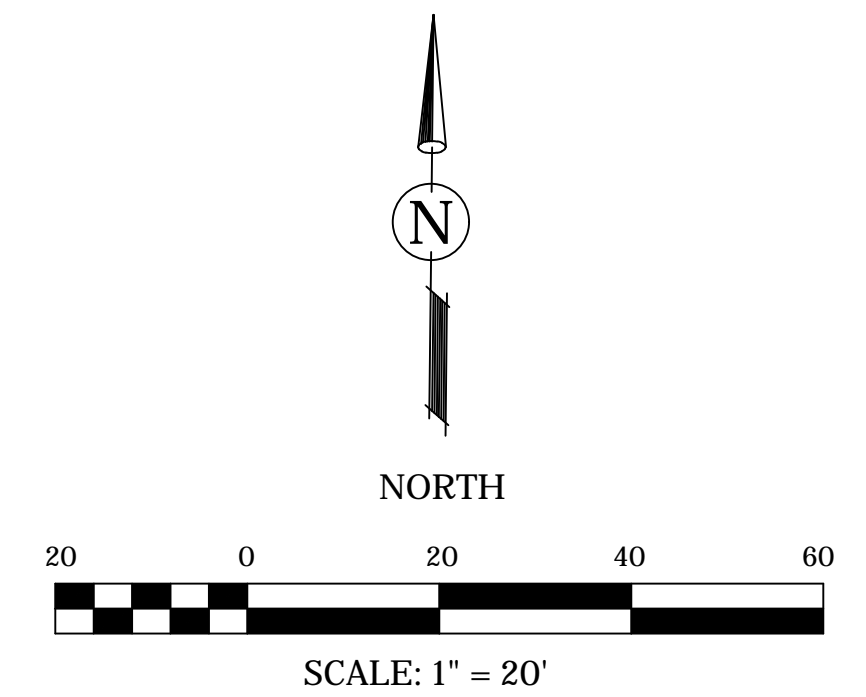
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SCALE:	1" = 20'
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JOB NO.:	0000
SHEET	2 OF 10

SITE IMPROVEMENT PLANS FOR DESIGN POINTE 1336 ILLINOIS ROUTE 59, NAPERVILLE, ILLINOIS 60563

GRADING PLAN

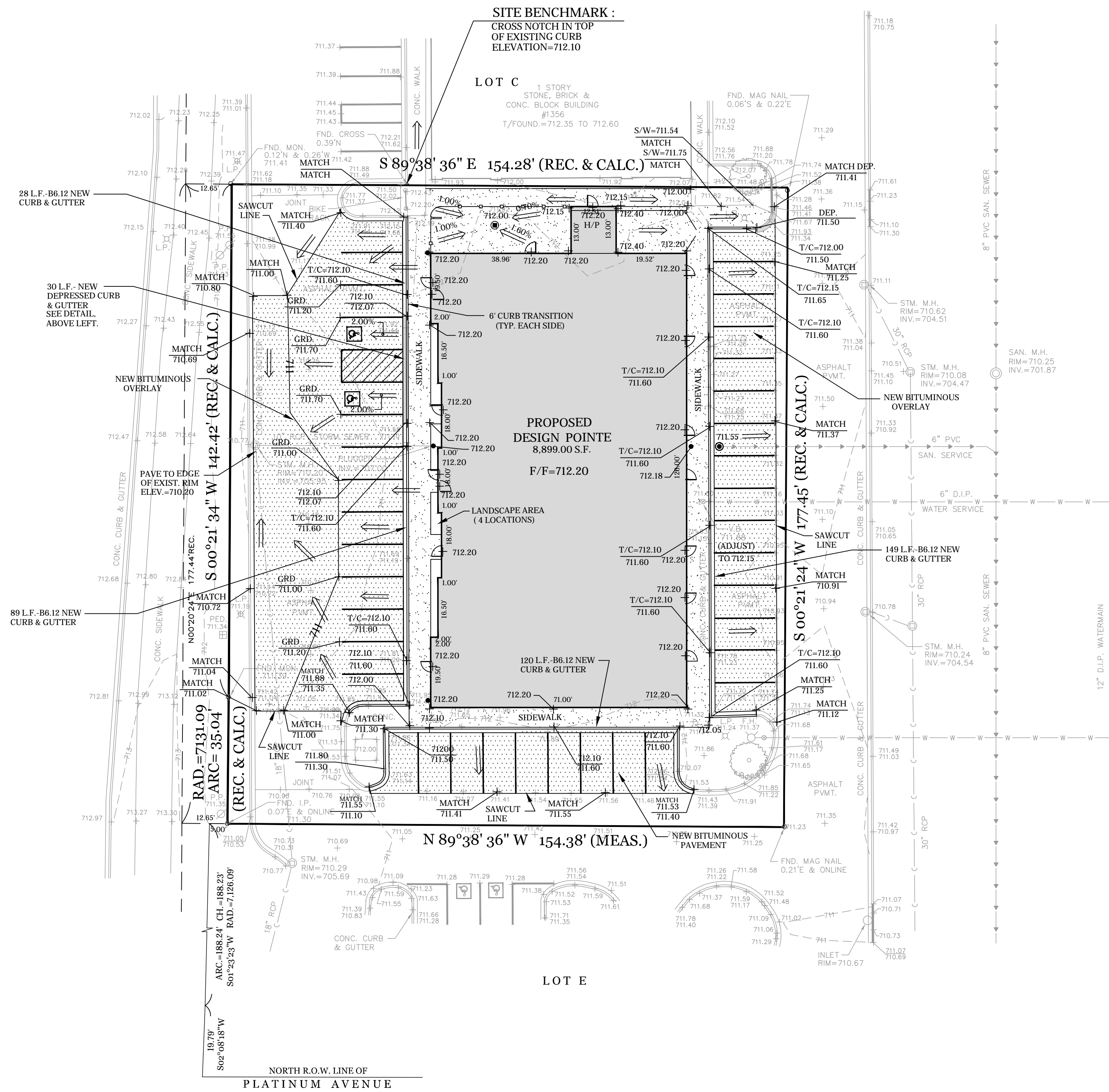


HANDICAP PARKING ENTRANCE DETAIL

NO SCALE (TYPICAL @ EACH END)

ILLINOIS ROUTE 59

WEST LINE OF SECTION 10 - 38 - 9



EXISTING	LEGEND	PROPOSED
	CURB & GUTTER	
	WATER MAIN	
	STORM SEWER	
	SANITARY SEWER	
	STORM MANHOLE	
	SANITARY MANHOLE	
	CATCHBASIN	
	INLET	
	VALVE & VAULT	
	VALVE & BOX	
	FIRE HYDRANT	
	FLARED END SECTION	
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	FENCE	
	BURIED UTILITY LINE	
	OVERHEAD UTILITY LINE	

FOR BURIED AND OVERHEAD UTILITIES:
E-ELECTRIC T-TELEPHONE C-COMMUNICATIONS G-GAS

PLAN NOTES

1. DETENTION HAS PREVIOUSLY BEEN PROVIDED FOR THIS DEVELOPMENT. BASIN HIGH WATER ELEVATION = 694.30
NORMAL WATER ELEVATION = 688.30
2. EXISTING GRADES AND IMPROVEMENTS ARE SHOWN FROM THE BEST INFORMATION AVAILABLE AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCY WITH THE PLAN SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER.
3. ALL GRADES ARE FINISHED GRADE ELEVATIONS.
4. QUANTITIES SHOWN HEREON ON ARE FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS TO VERIFY ALL QUANTITIES RELATED TO CONSTRUCTION.
5. ALL RIMS AND INVERTS ARE TO BE FIELD VERIFIED PRIOR TO THE START OF CONSTRUCTION. IF ANY DISCREPANCIES APPEAR, THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY.
6. ALL SEWER AND WATER CROSSINGS ARE TO CONFORM TO EPA REGULATIONS FOR PROPER SEPARATION.
7. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS LINES, ELECTRIC LINES, TELEPHONE LINES, ETC. AS SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES AND THEIR FACILITIES SHALL BE LOCATED PRIOR TO ANY WORK.
8. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL EXPOSE ANY UTILITIES OR OTHER OBSTRUCTIONS TO BE CROSSED BY THE PROPOSED SEWER, AND SHALL NOTIFY THE ENGINEER IMMEDIATELY IF THERE ARE ANY CONFLICTS WITH THE PROPOSED SEWER GRADE.
9. ALL FACILITIES FOR THIS DEVELOPMENT SHALL CONFORM TO THE ILLINOIS ACCESSIBILITY CODE & PROWAG AS FOLLOWS: MAXIMUM GRADE ON ALL HANDICAP RAMPS TO BE 1:1 FOR A MAXIMUM RISE OF 6 INCHES. MAXIMUM CROSS SLOPE ON ALL SIDEWALKS SHALL BE LESS THAN OR EQUAL TO 1:5%. A LEVEL LANDING IS REQUIRED ADJACENT TO RAMPS WITH NO MORE THAN 2% IN ALL DIRECTIONS. THE VALLEY OF THE DEPRESSED CURB CANNOT BE GREATER THAN 1/2" FROM THE BACK OF CURB.

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APPROVED BY:	WDJ	DATE:	10-01-22

DJA
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CIVIL ENGINEER & SURVEYOR
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JOB NO: 0000
SHEET **3** OF **10**

SITE IMPROVEMENT PLANS FOR DESIGN POINTE 1336 ILLINOIS ROUTE 59, NAPERVILLE, ILLINOIS 60563

UTILITY PLAN

THE DPUE ENGINEER FOR THIS PROJECT IS GIOVANNI HERNANDEZ. PLEASE CONTACT HIM AT (630)-548-1212 WITH ANY QUESTIONS REGARDING THE ELECTRIC SERVICE.

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.

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.

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

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.

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.

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.

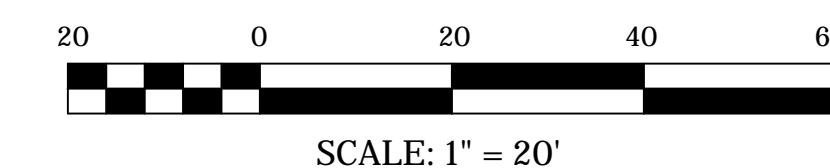
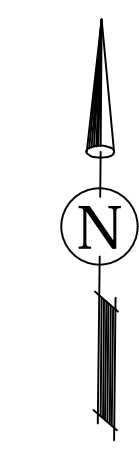
THE DEVELOPER SHALL SUPPLY THE DPUE ENGINEER WITH CATALOG CUTS FOR ALL CT/METER EQUIPMENT INCLUDING BUT NOT LIMITED TO METER SOCKETS, PT CABINET, CT CABINET, DISCONNECT CABINET AND TRANSFORMER PAD/VAULT. THE CATALOG CUTS SHALL BE APPROVED BY DPUE PRIOR TO PURCHASING.

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.

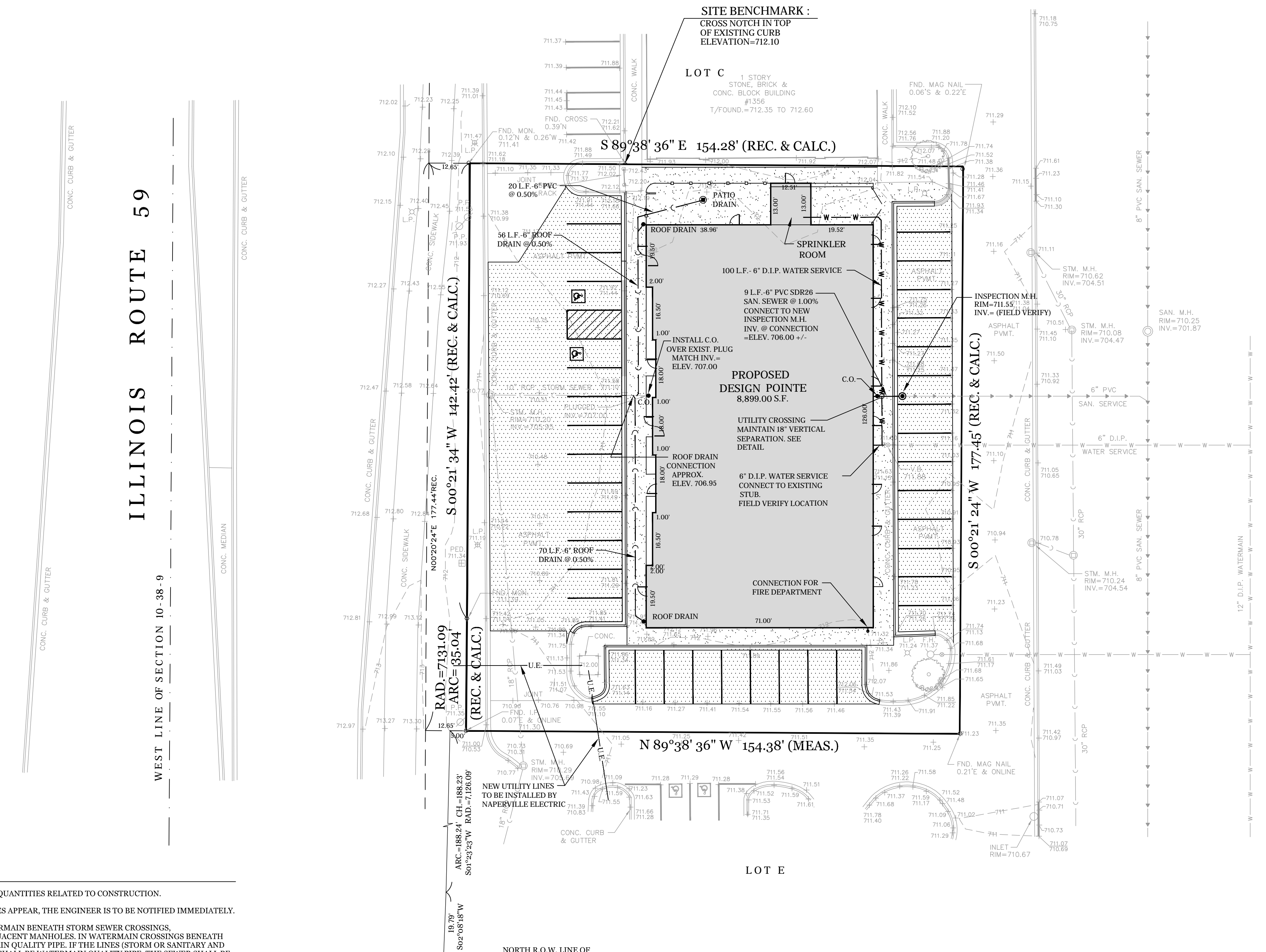
PROVIDE NAME AND CONTACT INFORMATION FOR ELECTRICAL CONTRACTOR FOR THIS PROJECT.

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.



EXISTING	LEGEND	PROPOSED
	CURB & GUTTER	
	WATER MAIN	
	STORM SEWER	
	SANITARY SEWER	
	STORM MANHOLE	
	SANITARY MANHOLE	
	CATCHBASIN	
	INLET	
	VALVE & VAULT	
	VALVE & BOX	
	RISER/BOX	
	FIRE HYDRANT	
	FLARED END SECTION	
	HANDICAPPED RAMP	
	SPOT ELEVATION	
	CONTOUR	
	DRAINAGE FLOW	
	CULVERT	
	CONCRETE MONUMENT	
	PARKING SPACE COUNT	
	SURVEY CONTROL POINT	
	ELECTRIC METER	
	ELECTRIC TRANSFORMER	
	LIGHT STANDARD	
	STREET LIGHT	
	TRAFFIC LIGHT	
	POWER POLE	
	SIGN	
	TREE	
	GAS METER	
	GAS VALVE	
	FENCE	
	BURIED UTILITY LINE	
	OVERHEAD UTILITY LINE	

FOR BURIED AND OVERHEAD UTILITIES:
E-ELECTRIC T-TELEPHONE C-COMMUNICATIONS G-GAS



PLAN NOTES

- QUANTITIES SHOWN HEREON ARE FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS TO VERIFY ALL QUANTITIES RELATED TO CONSTRUCTION.
- ALL RIMS AND INVERTS ARE TO BE FIELD VERIFIED PRIOR TO THE START OF CONSTRUCTION. IF ANY DISCREPANCIES APPEAR, THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY.
- ALL SEWER AND WATER CROSSINGS ARE TO CONFORM TO EPA REGULATIONS FOR PROPER SEPARATION. FOR WATERMAIN BENEATH STORM SEWER CROSSINGS, CONTRACTOR TO PROVIDE MINIMUM 18" SEPARATION AND O-RINGED GASKETED PIPE STORM SEWER BETWEEN ADJACENT MANHOLES. IN WATERMAIN CROSSINGS BENEATH SANITARY SEWER, THE CONTRACTOR TO PROVIDE MINIMUM 18" SEPARATION AND BOTH PIPES SHALL BE WATERMAIN QUALITY PIPE. IF THE LINES (STORM OR SANITARY AND WATER) CANNOT MEET THE HORIZONTAL OR VERTICAL SEPARATIONS, THEN BOTH THE SEWER AND WATER LINES SHALL BE WATERMAIN QUALITY PIPE. THE SEWER SHALL BE PRESSURE TESTED TO THE MAXIMUM EXPECTED SURCHARGE HEAD BEFORE BACKFILLING. SEE DETAIL #23 WATER AND SEWER SEPARATION REQUIREMENTS.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS LINES, ELECTRIC LINES, TELEPHONE LINES, ETC. AS SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES AND THEIR FACILITIES SHALL BE LOCATED PRIOR TO ANY WORK.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL EXPOSE ANY UTILITIES OR OTHER OBSTRUCTIONS TO BE CROSSED BY THE PROPOSED SEWER, AND SHALL NOTIFY THE ENGINEER IMMEDIATELY IF THERE ARE ANY CONFLICTS WITH THE PROPOSED SEWER GRADE.
- FOR ALL LIGHTING INFORMATION, PLEASE REFER TO THE APPROVED PHOTOMETRIC PLAN PREPARED BY OTHERS.

WARNING
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DAY 365 DAYS A YEAR

Know what's below.
Call before you dig.
CALL 811
48 HOURS BEFORE
YOU DIG

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10-01-22	D.J.	PER REVIEW			
12-15-22	D.J.	PER REVIEW			
02-06-23	D.J.	PER REVIEW			
02-06-23	D.J.	PER REVIEW			

DRAWN BY:	DJ	DATE:	10-01-22
CHECKED BY:	WDJ	DATE:	10-01-22
APPROVED BY:	WDJ	DATE:	10-01-22

DJA
DAVE JOHNSON
CIVIL ENGINEER & SURVEYOR
1568 Holiday Drive Sandwich, IL 60548
ph. 630 752 8600 fax. 630 752 9556
e-mail: DJA@DJAonline.net

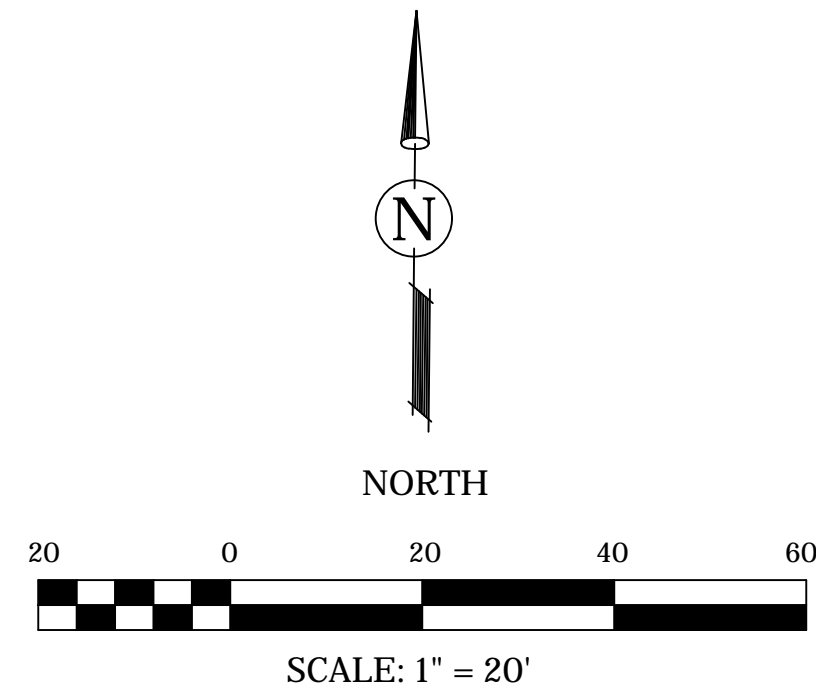
CLIENT:
NITA ESTATES, LLC
3804 NANNYBERRY COURT
NAPERVILLE, ILLINOIS 60564

TITLE:
**UTILITY PLAN
DESIGN POINTE
1336 ILLINOIS ROUTE 59
NAPERVILLE, ILLINOIS 60563**

SCALE:	1" = 20'
DATE:	10-01-22
JOB NO:	0000
SHEET:	4 OF 10

SITE IMPROVEMENT PLANS FOR DESIGN POINTE 1336 ILLINOIS ROUTE 59, NAPERVILLE, ILLINOIS 60563

EROSION CONTROL PLAN



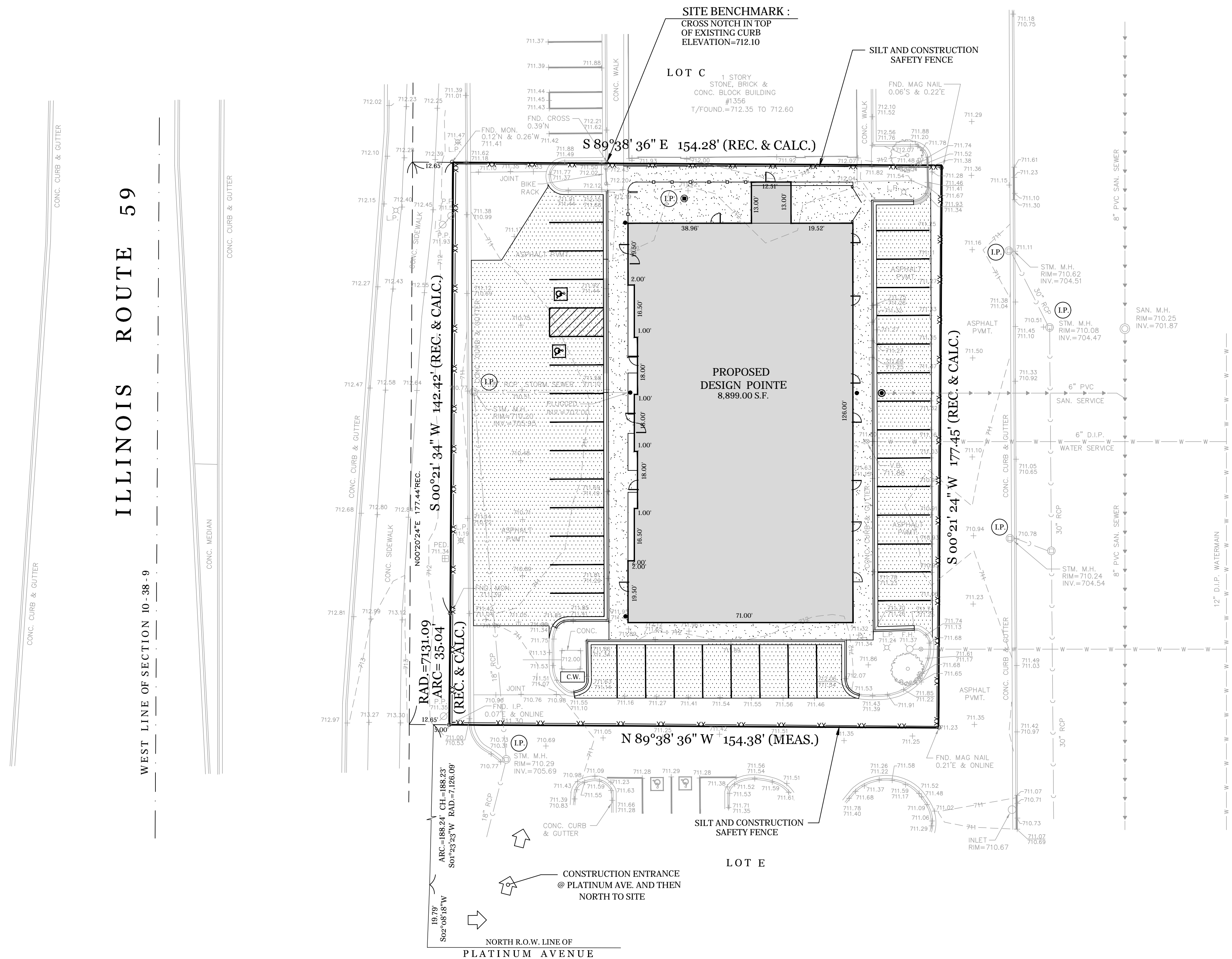
EXISTING	LEGEND	PROPOSED
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	WATER MAIN	
	STORM SEWER	
	SANITARY SEWER	
	STORM MANHOLE	
	SANITARY MANHOLE	
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	OVERHEAD UTILITY LINE	

FOR BURIED AND OVERHEAD UTILITIES:
E-ELECTRIC T-TELEPHONE C-COMMUNICATIONS G-GAS

C.W. CONCRETE WASHOUT
I.P. INLET PROTECTION

GENERAL NOTES

- THE SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SOIL AND SEDIMENTATION CONTROL, PROCEDURES AND STANDARDS FOR URBAN SOIL AND SEDIMENTATION CONTROL IN ILLINOIS, AND THE CITY OF NAPERVILLE.
- EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO START OF CONSTRUCTION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL THE AREA HAS BEEN PROPERLY STABILIZED.
- ALL OPEN LID DRAINAGE STRUCTURES LOCATED IN YARD AREAS WILL HAVE INLET PROTECTION DURING CONSTRUCTION, UNTIL SUCH A TIME THAT THE LANDSCAPING IS IN PLACE AND EFFECTIVELY PREVENTING POTENTIAL SILTATION OF THESE STRUCTURES.
- INLET PROTECTION FOR OPEN LID DRAINAGE STRUCTURES CAN BE INSTALLED BY THE FOLLOWING OPTIONS:
PAVEMENT STRUCTURES: AS CATCH-ALL FILTER BASKETS
NON-PAVED AREAS:
A. GRADE THE AREA WITHIN FOUR (4) FEET RADIUS AROUND STRUCTURES ONE (1) FOOT BELOW RIM TO SERVE AS SEDIMENTATION BASINS DURING CONSTRUCTION WITH A CATCH-ALL FILTER BASKET IN THE STRUCTURE
B. INLET SEDIMENT TRAP
- DURING THE COURSE OF CONSTRUCTION, THE CITY RESERVES THE RIGHT TO REQUEST AND OBTAIN, WITHIN REASON, ADDITIONAL EROSION AND SEDIMENTATION CONTROLS TO PROTECT THE PUBLIC HEALTH, SAFETY AND WELFARE.
- IT IS THE RESPONSIBILITY OF THE LANDOWNER AND/OR GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) AND UTILITY COMPANIES WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS.
- FOR ALL LANDSCAPING INFORMATION, PLEASE REFER TO THE LANDSCAPE PLANS PREPARED BY OTHERS.
- CONTRACTOR TO MAINTAIN SITE SO THAT ALL ROADS ARE CLEAN AND CLEAR OF DEBRIS.
- ALL INLET PROTECTION SHALL BE MAINTAINED DURING CONSTRUCTION. THE CONTRACTOR SHALL VERIFY THAT ALL INLET PROTECTION IS FUNCTIONING PROPERLY ON A WEEKLY BASIS OR AFTER 0.5 INCHES OF RAINFALL.



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REVISIONS:		DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
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DJA
DAVE JOHNSON
CIVIL ENGINEER & SURVEYOR
1568 Holiday Drive Sandwich, IL 60548
ph. 630 752 8600 fax. 630 752 9556
e-mail: DJA@DJAonline.net

CLIENT:
NITA ESTATES, LLC
3804 NANNYBERRY COURT
NAPERVILLE, ILLINOIS 60564

TITLE:
**EROSION CONTROL PLAN
DESIGN POINTE
1336 ILLINOIS ROUTE 59
NAPERVILLE, ILLINOIS 60563**

SCALE: 1" = 20'
DATE: 10-01-22
JOB NO: 0000
SHEET **5** OF **10**

STORMWATER POLLUTION PREVENTION PLAN

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF NPDES GENERAL PERMIT NUMBER ILR10 ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

THE PERMITEE MUST COMPLY WITH ALL CONDITIONS OF THE GENERAL PERMIT. ANY PERMIT NON-COMPLIANCE CONSTITUTES A VIOLATION OF THE ILLINOIS ENVIRONMENTAL PROTECTION ACT AND THE CLEAN WATER ACT AND IS GROUNDS FOR ENFORCEMENT ACTION; FOR PERMIT TERMINATION, REVOCATION AND REISSUANCE, OR MODIFICATION; OR FOR DENIAL OF A PERMIT RENEWAL APPLICATION.

1. SITE DESCRIPTION

- A. THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLAN:
- GRADING (EXCAVATION AND FILL)
 - UNDERGROUND CONSTRUCTION
 - PAVING
 - BUILDING CONSTRUCTION
 - LANDSCAPING

- B. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

- 1) EROSION AND SEDIMENTATION CONTROL MEASURES SUCH AS SILT FENCE, DITCH CHECKS, CONSTRUCTION ENTRANCE, AND FENCING TO PROTECT VEGETATIVE BUFFERS (EARTHWORK CONTRACTOR)
- 2) TOPSOIL STRIPPING, EXCAVATION AND FILL (EARTHWORK CONTRACTOR)
- 3) UNDERGROUND UTILITY CONSTRUCTION INCLUDING INLET CONTROL MEASURES (UNDERGROUND CONTRACTOR)
- 4) FINE GRADING AND PAVING (PAVING CONTRACTOR)
- 5) BUILDING CONSTRUCTION (BUILDING CONTRACTOR)
- 6) TOPSOIL RESPREAD AND VEGETATIVE STABILIZATION (EARTHWORK CONTRACTOR AND LANDSCAPER)
- 7) PERFORM CONTINUING MAINTENANCE (OWNER)

- C. THE TOTAL AREA OF THE SITE IS 9.55 ACRES. (LOT 16)
 THE TOTAL AREA OF THE SITE THAT IS ESTIMATED WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS 4.5 ACRES.
 THE TOTAL TRIBUTARY DRAINAGE AREA IS 7.20 ACRES.

- D. THESE PLAN DOCUMENTS CONTAIN SITE MAP(S) INDICATING THE DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER THE MAJOR GRADING ACTIVITIES. AREA OF MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS IDENTIFIED ON THE PLAN, THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR, SURFACE WATERS (INCLUDING DETENTION AREAS), AND LOCATIONS WHERE STORMWATER IS DISCHARGED.

- E. THE NAME OF THE RECEIVING WATERS DOWNSTREAM OF THE PROJECT IS NORTH BRANCH CLOW CREEK. NO WETLANDS, FLOODPLAIN, RIPARIAN AREAS OR THEIR BUFFERS ARE PRESENT ON THE SITE.

2. CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE VARIOUS CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN 1. B. ABOVE. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR RESPONSIBLE FOR ITS IMPLEMENTATION IS INDICATED AND HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS ATTACHED TO, AND A PART OF, THIS PLAN.

A. EROSION AND SEDIMENTATION CONTROLS

- 1) STABILIZATION PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE-SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, SOD STABILIZATION, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES. EXCEPT AS PROVIDED IN 2.A.1. AND 2.B. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.

- (A) WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.

- (B) WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN THE ACTIVITIES CEASED (E.G. THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN 21 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED.

DESCRIPTION OF STABILIZATION PRACTICES:
TEMPORARY SEEDING

- A) IDOT CLASS 6 EROSION CONTROL MIXTURE (ANY TIME OF YEAR)
 PERENNIAL REYGRASS 30 LBS/ACRE
 SPRING OATS 64 LBS/ACRE
- B) IDOT CLASS 6 CONSERVATION MIXTURE (AUGUST 1 TO NOVEMBER 1)
 SMOOTH BROME GRASS 40 LBS/ACRE
 VERNAL ALFALFA 15 LBS/ACRE
 SPRING OATS 48 LBS/ACRE

PERMANENT SEEDING - PER LANDSCAPE PLAN PREPARED BY OTHERS

- 2) STRUCTURAL PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORM FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT. SUCH PRACTICES WILL INCLUDE STABILIZED CONSTRUCTION ENTRANCE, SILT FENCES, DITCH CHECKS, SEDIMENT TRAPS, RUP-RAP, STORM DRAIN INLET PROTECTION, LEVEL SPREADERS, AND THE SITE DETENTION FACILITY WITH ITS INFILTRATION MEASURES AND OUTLET RESTRICTOR.

B. STORMWATER MANAGEMENT

PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORMWATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED.

- 1) INLET PROTECTION ON AND SURROUNDING SITE

C. OTHER CONTROLS

- 1) WASTE DISPOSAL: NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- 2) THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEMS REGULATIONS.

D. APPROVED STATE OR LOCAL PLANS

THE MANAGEMENT PRACTICES, CONTROLS, AND OTHER PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS OF THE LOCAL JURISDICTIONAL AGENCIES, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, CURRENT EDITION. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION CONTROL PLANS OR SITE STORMWATER MANAGEMENT PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI TO BE AUTHORIZED TO DISCHARGE UNDER PERMIT ILR10, INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

3. MAINTENANCE

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN IN GOOD AND EFFECTIVE OPERATING CONDITIONS, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN.

- A. SILT FENCE: SILT FENCE SHALL BE INSTALLED AND MAINTAINED. DAMAGED FENCE SHALL BE RESTORED OR REPLACED.
- B. STABILIZED CONSTRUCTION ENTRANCE: THE ENTRANCE SHALL BE MAINTAINED TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC STREETS. MUD TRACKED ONTO PUBLIC STREETS OR SEDIMENT WASHED INTO THE RIGHT-OF-WAY SHALL BE REMOVED IMMEDIATELY.
- C. INLET PROTECTION: INLET PROTECTION SHALL BE INSPECTED FREQUENTLY, REPAIRED OR REMOVED AND REPLACED AS NEEDED.

- D. VEGETATIVE EROSION CONTROL MEASURES: THE VEGETATIVE GROWTH OF TEMPORARY AND PERMANENT SEEDING, SODDING, VEGETATIVE CLASSES, VEGETATIVE BUFFER STRIPS, ETC. SHALL BE MAINTAINED PERIODICALLY, ADEQUATELY WATERED AND FERTILIZED. THE VEGETATIVE COVER SHALL BE RESEEDED OR OVERSEED AS NECESSARY.

- E. OTHER MAINTENANCE PROCEDURES IDENTIFIED IN THE STORMWATER REPORT ARE INCORPORATED BY REFERENCE.

4. INSPECTIONS

QUALIFIED PERSONNEL SHALL MAKE PERIODIC INSPECTIONS OF THE CONSTRUCTION SITE WHICH HAS NOT BEEN FINALLY STABILIZED. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS AFTER THE END OF A RAINFALL THAT IS 0.50 INCHES ARE GREATER OR AN EQUIVALENT SNOWFALL.

- A. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED ON THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.

- B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION 1 ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION 2 ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.

- C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION 4. B. SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION.

- D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE OWNER OR HIS REPRESENTATIVE SHALL COMPLETE AND FILE AN INCIDENT OF NONCOMPLIANCE (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER OR PROJECT REPRESENTATIVE SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF THE NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI.G OF THE GENERAL PERMIT. THE REPORT OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF WATER POLLUTION CONTROL
 ATTN: COMPLIANCE ASSURANCE SECTION
 1021 NORTH GRAND AVENUE EAST
 POST OFFICE BOX 19276
 SPRINGFIELD, ILLINOIS 62794-9276

5. NON-STORMWATER DISCHARGES

- EXCEPT FOR FLOWS FROM:
- FIRE-FIGHTING ACTIVITIES,
 - WATERMAIN HYDRANT FLUSHING,
 - WATERING FOR DUST CONTROL,
 - IRRIGATION FOR VEGETATIVE GROWTH,
 - OR WASH WATER WHERE DETERGENTS ARE NOT USED,
- SOURCES OF NON-STORM WATER SHALL NOT BE COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY ADDRESSED IN THIS PLAN.

OWNERS CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SIGNATURE _____

TITLE _____

EARTHWORK CONTRACTOR'S CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SIGNATURE _____

TITLE _____

UNDERGROUND CONTRACTOR'S CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SIGNATURE _____

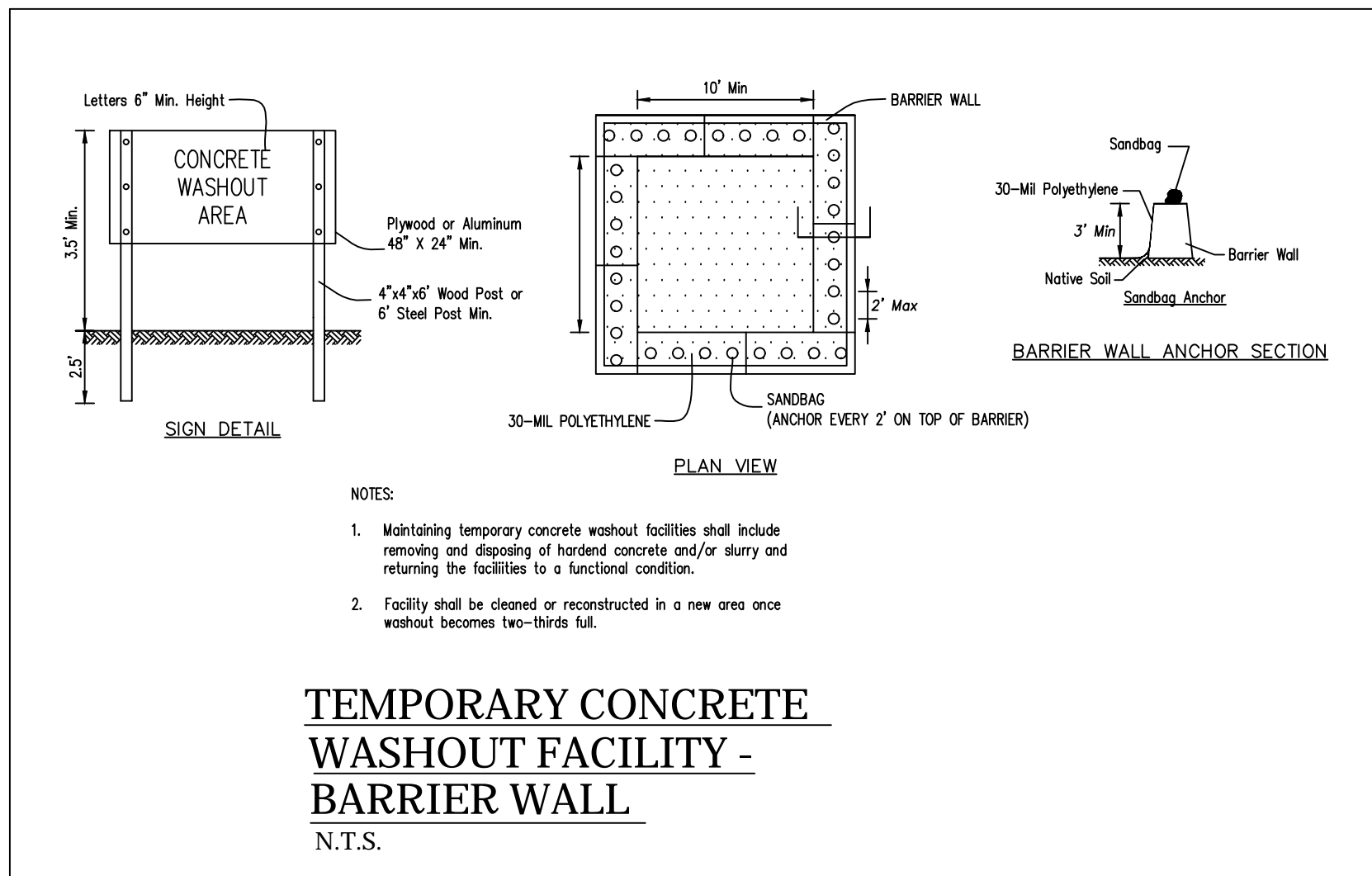
TITLE _____

LANDSCAPE CONTRACTOR'S CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SIGNATURE _____

TITLE _____



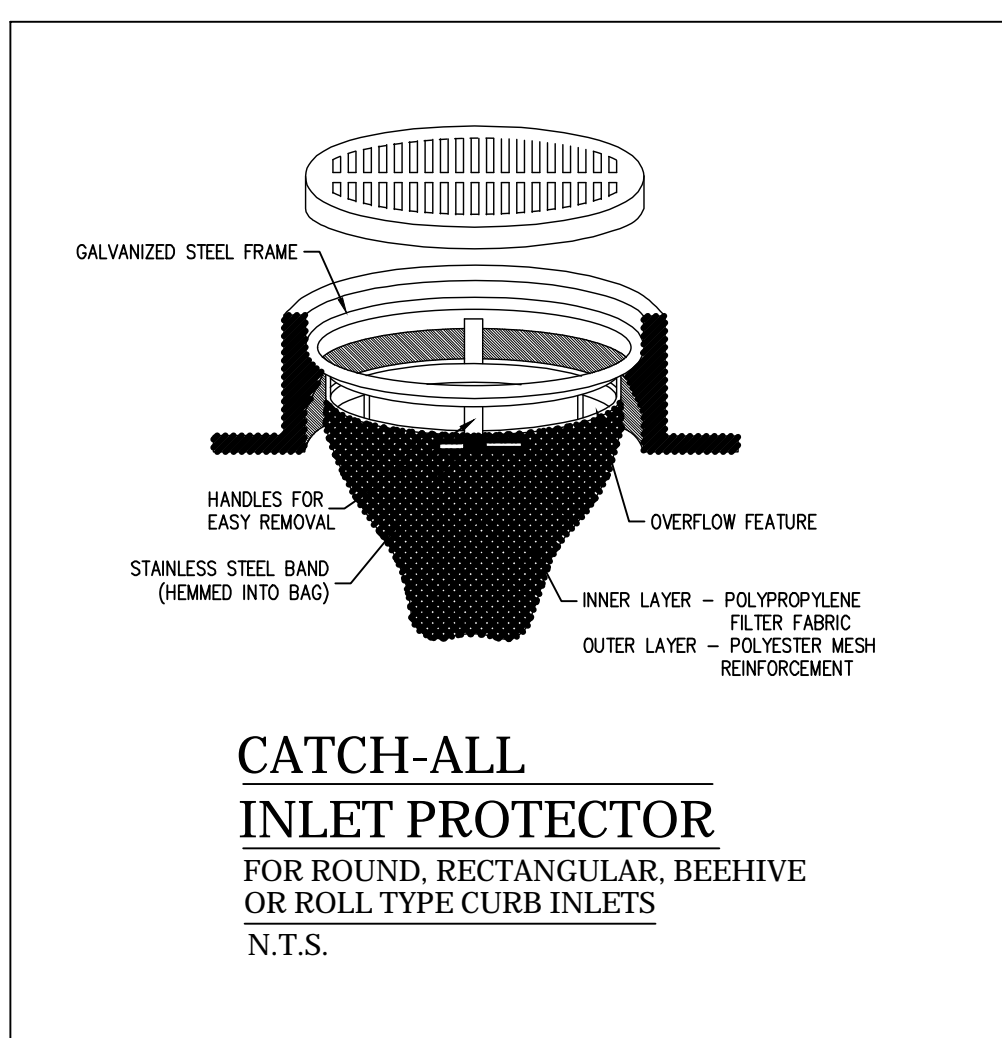
- NOTES:
1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
 2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

TEMPORARY CONCRETE WASHOUT FACILITY - BARRIER WALL
 N.T.S.

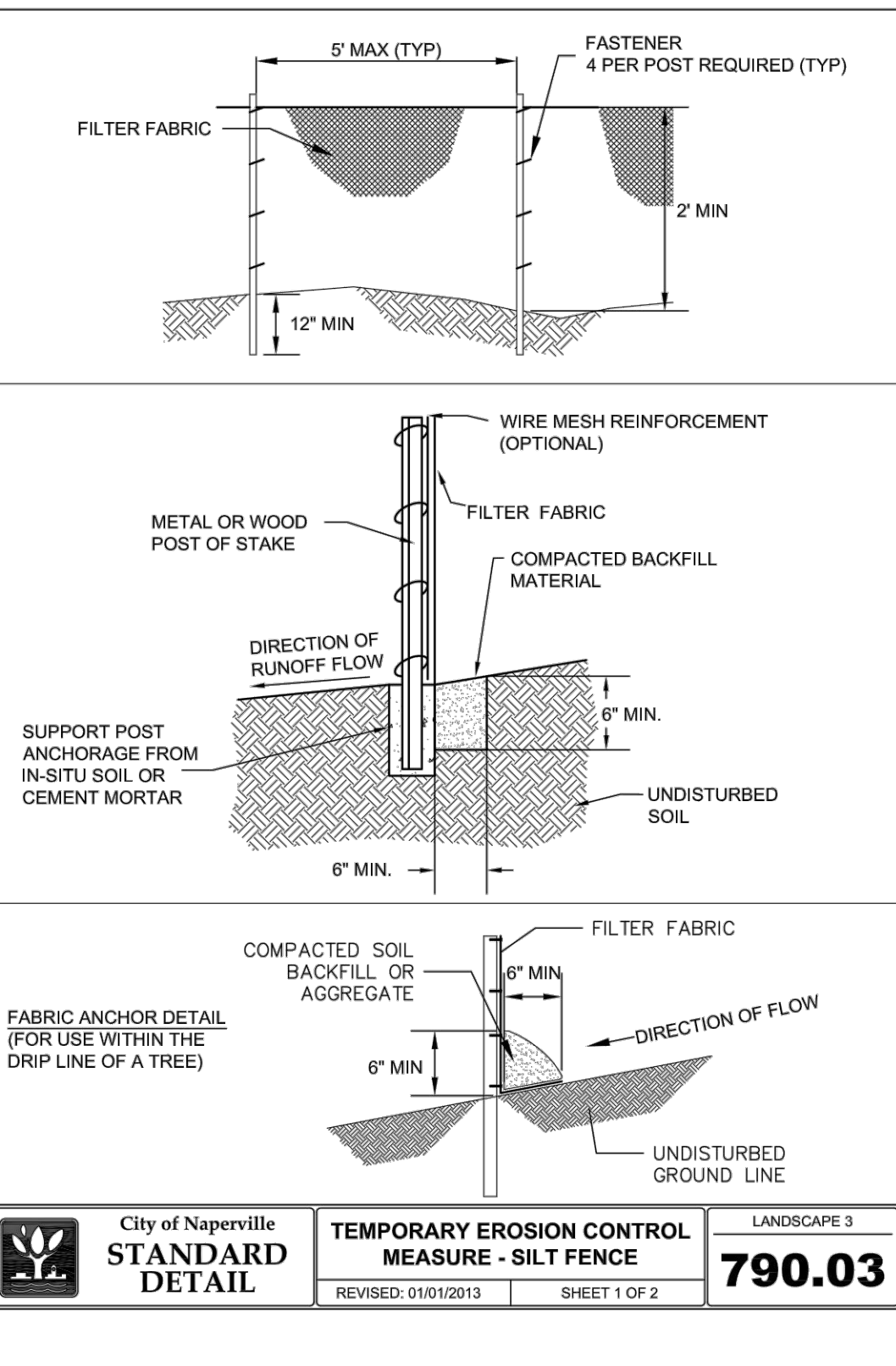
SOIL STABILIZATION CHART

STABILIZATION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
PERMANENT SEEDING			A		A'	*	*			A'		
DORMANT SEEDING	B										B	
TEMPORARY SEEDING			C									
SODDING			E			D						
MULCHING	F											

- A. KENTUCKY BLUEGRASS 135 LBS/ACRE PLUS 2 TONS STRAW PER ACRE * IRRIGATION NEEDED DURING JUNE AND JULY
 B. IF APPROVED BY OWNER
 C. SPRING OATS 160 LBS/ACRE MIXED WITH PERENNIAL REYGRASS 30 LBS/ACRE PLUS 2 TONS STRAW PER ACRE.
 D. WHEAT OR CEREAL RYE ** IRRIGATION NEEDED FOR 2 TO 3 WEEKS
 E. IDOT SALT TOLERANT SOD * IRRIGATION AS NEEDED.
 F. STRAW MULCH 2 TONS/ACRE.



CATCH-ALL INLET PROTECTOR
 FOR ROUND, RECTANGULAR, BEEHIVE OR ROLL TYPE CURB INLETS
 N.T.S.

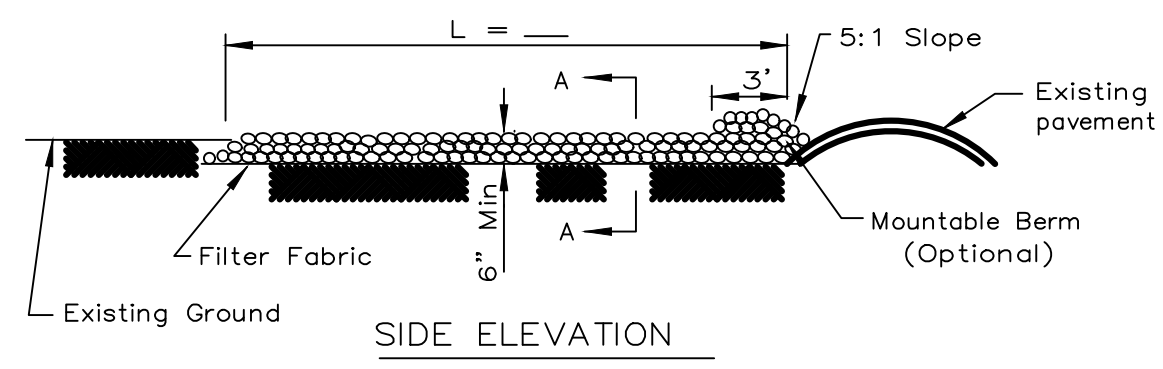
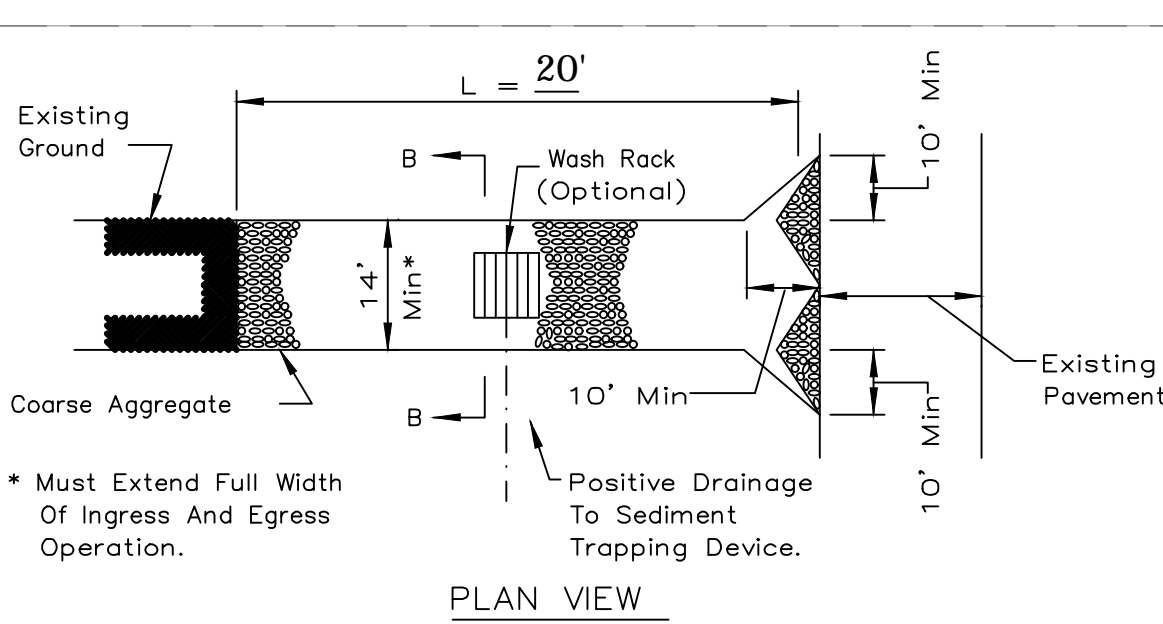


City of Naperville
STANDARD DETAIL

TEMPORARY EROSION CONTROL MEASURE - SILT FENCE
 REVISED: 01/01/2013 SHEET 1 OF 2

LANDSCAPE 3
790.03

STABILIZED CONSTRUCTION ENTRANCE PLAN

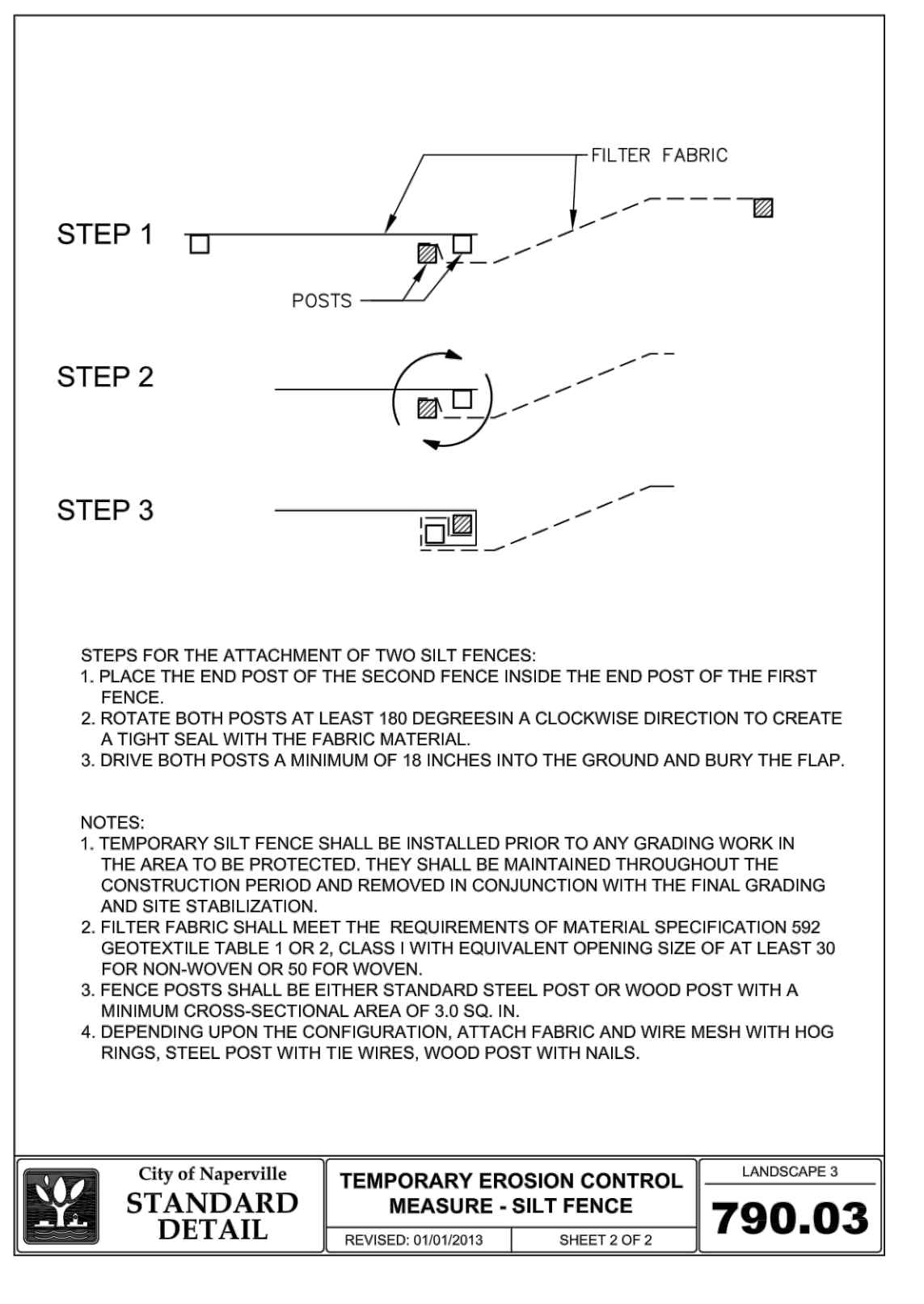


- NOTES:
- 1 Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
 - 2 Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation: CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
 - 3 Any drainage facilities required because of washing shall be constructed according to manufacturer's specifications.
 - 4 If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE Project _____ Date _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____

NRCS
 Natural Resources Conservation Service

STANDARD DWG. NO. **IL-630**
 SHEET 1 OF 2
 DATE 8-18-94



- STEPS FOR THE ATTACHMENT OF TWO SILT FENCES:
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 FLAP.

- NOTES:
1. TEMPORARY SILT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
 2. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE TABLE 1 OR 2, CLASS I WITH EQUIVALENT OPENING SIZE OF AT LEAST 30 FOR NON-WOVEN OR 50 FOR WOVEN.
 3. FENCE POSTS SHALL BE EITHER STANDARD STEEL POST OR WOOD POST WITH A MINIMUM CROSS-SECTIONAL AREA OF 3.0 SQ. IN.
 4. DEPENDING UPON THE CONFIGURATION, ATTACH FABRIC AND WIRE MESH WITH HOG RINGS, STEEL POST WITH TIE WIRES, WOOD POST WITH NAILS.

City of Naperville
STANDARD DETAIL

TEMPORARY EROSION CONTROL MEASURE - SILT FENCE
 REVISED: 01/01/2013 SHEET 2 OF 2

LANDSCAPE 3
790.03

REVISIONS:	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
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	12-15-22	D.J.	PER REVIEW			
	02-06-23	D.J.	PER REVIEW			

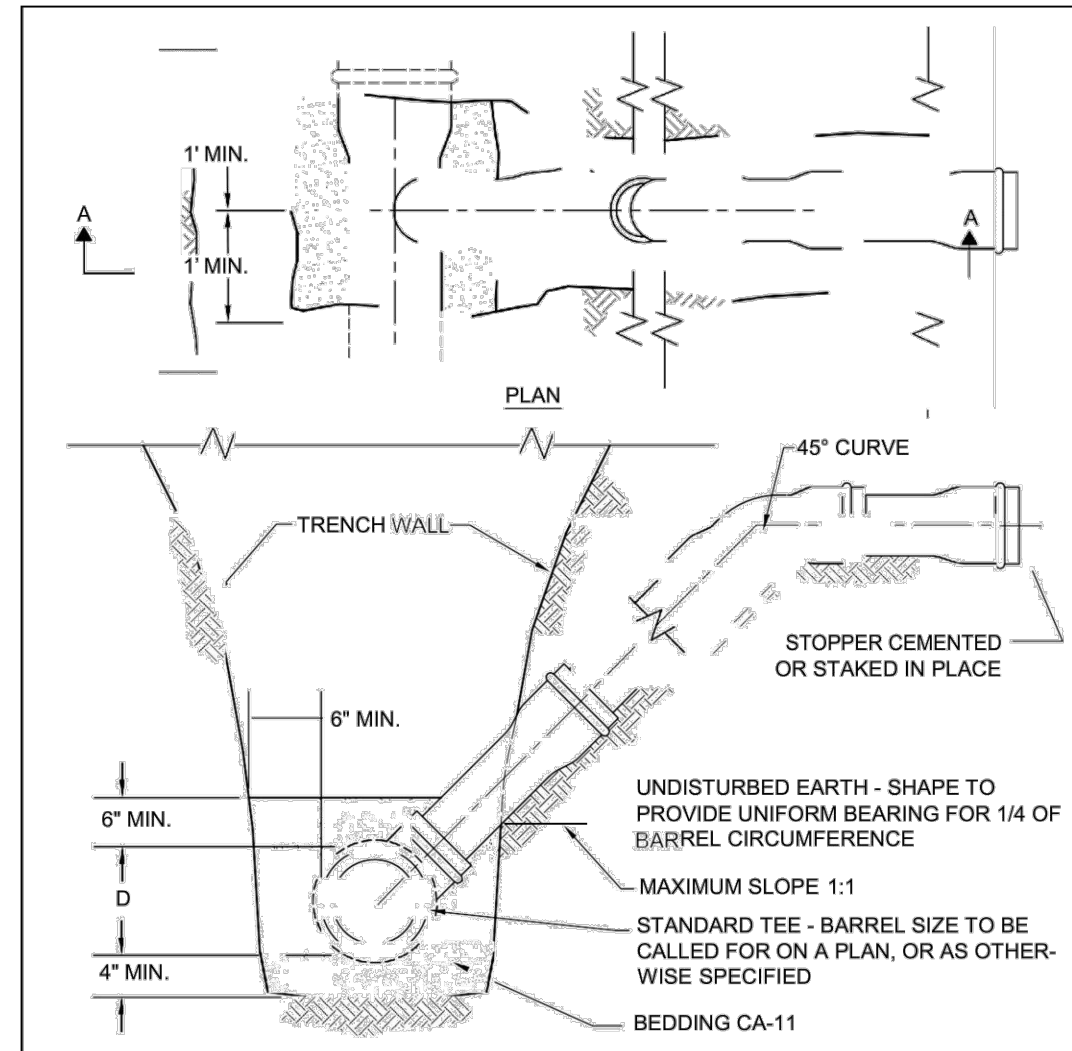
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CHECKED BY:	WDJ	DATE:	10-01-22
APPROVED BY:	WDJ	DATE:	10-01-22

DJA
 DAVE JOHNSON
 CIVIL ENGINEER & SURVEYOR
 1588 Holiday Drive Sandwich, IL 60548
 ph. 630 732 8600 fax. 630 752 9556
 e-mail: DJA@DJAonline.net

CLIENT:
NITA ESTATES, LLC
 3804 NANNYBERRY COURT
 NAPERVILLE, ILLINOIS 60564

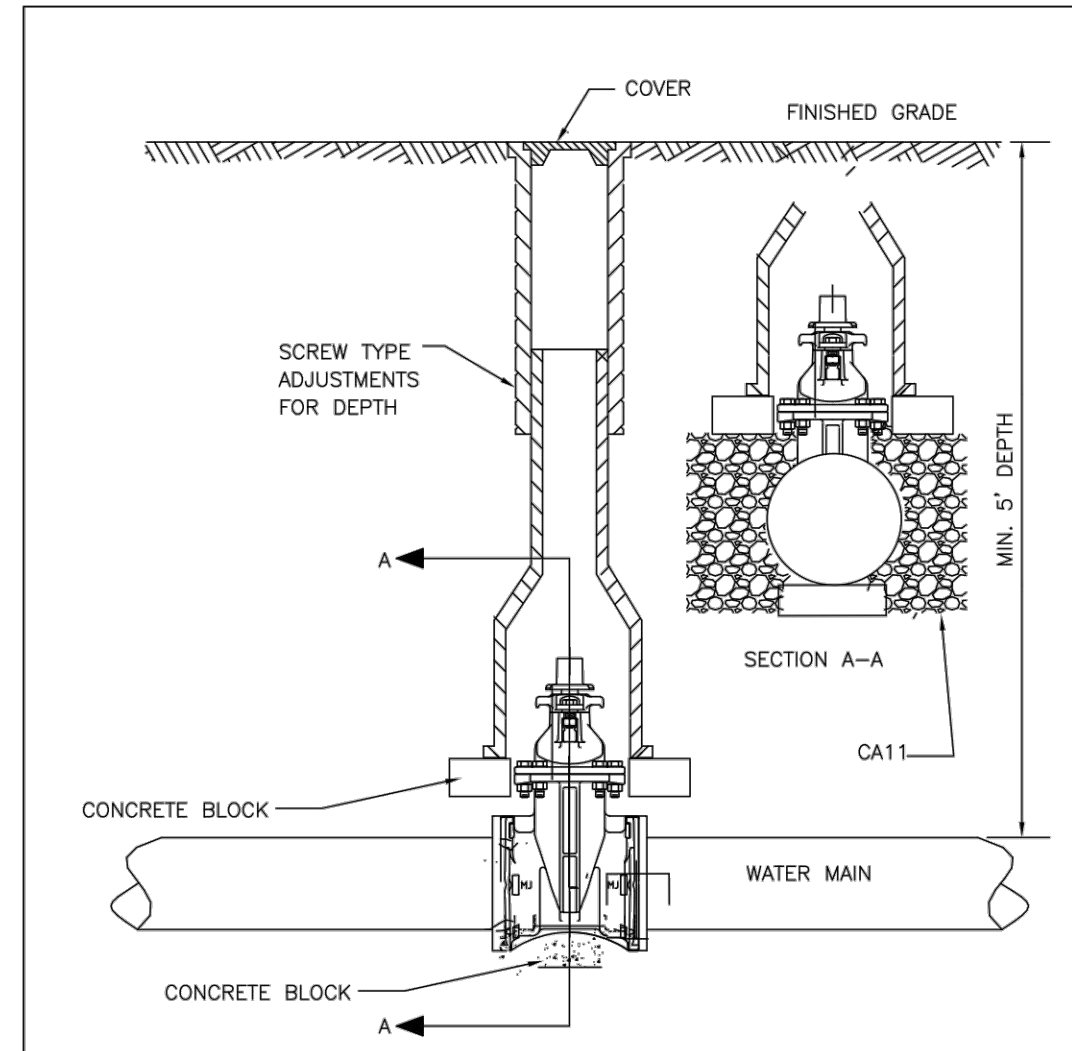
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 1336 ILLINOIS ROUTE 59
 NAPERVILLE, ILLINOIS 60563

SCALE: NONE
 DATE: 10-01-22
 JOB NO: 0000
6 OF **10**
 SHEET



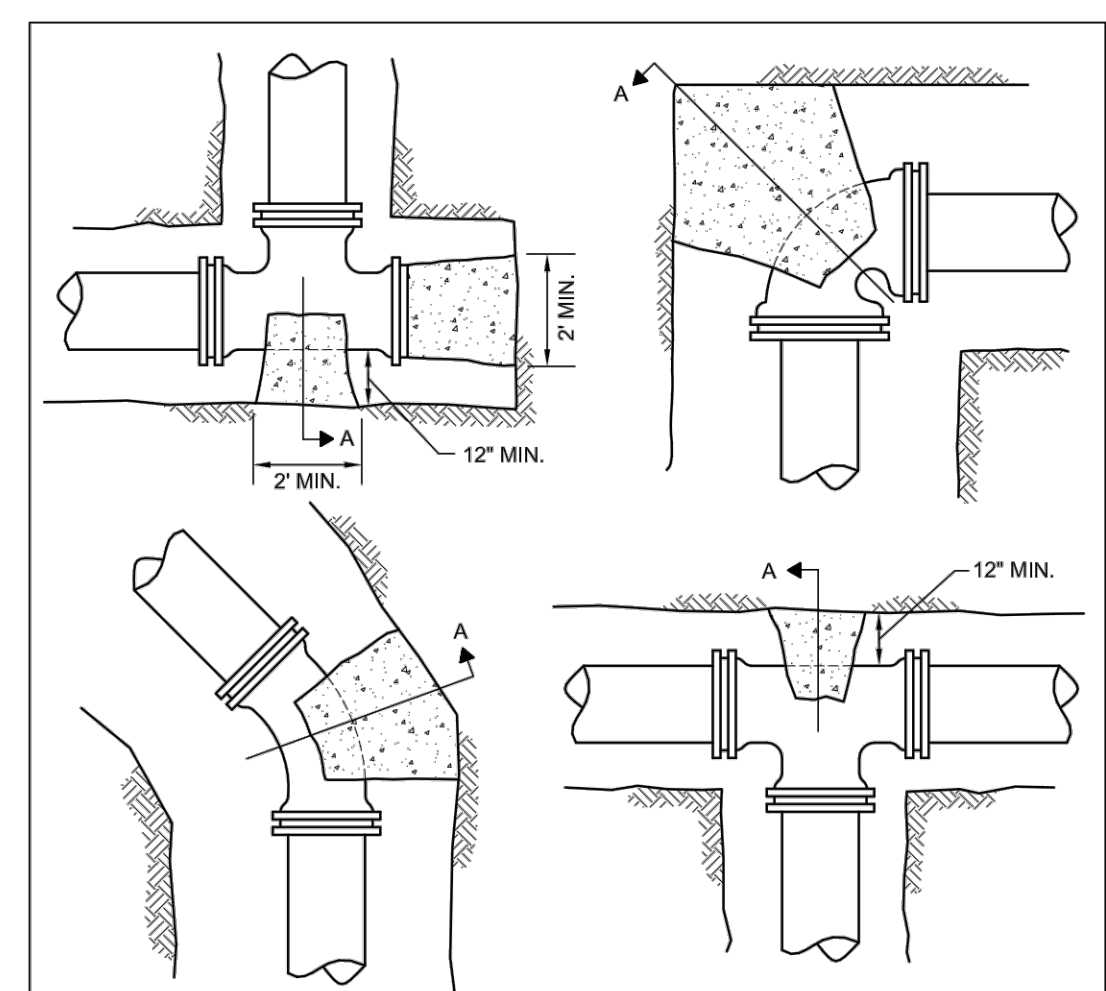
1. THE OPEN ENDS SHALL BE PROTECTED FROM DEBRIS AND GROUNDWATER ENTERING THE LATERAL WITH AN APPROVED PLUG.
2. MAXIMUM SLOPE SHALL BE LESS THAN 1:1 WHEN IT IS NECESSARY TO SECURE BEDDING IN UNDISTURBED EARTH.
3. WHEN A SERVICE CONNECTION IS TAPPED INTO PVC MAIN, THEN A SEWER SADDLE SHALL BE USED. GENCO TYPE "SEALTITE" OR APPROVED EQUAL. BANDS, NUTS AND BOLTS MUST BE 304 STAINLESS STEEL.
4. SDR 26 PVC PIPE MEETING REQUIREMENTS OF ASTM D-2241-05 AND JOINTS CONFORMING TO ASTM D-3138-96(2005) OR LATEST EDITIONS.

	City of Naperville STANDARD DETAIL	RISE FOR SERVICE LATERAL REVISED: 01/01/2013	SANITARY 20 390.20
	SHEET 1 OF 1		



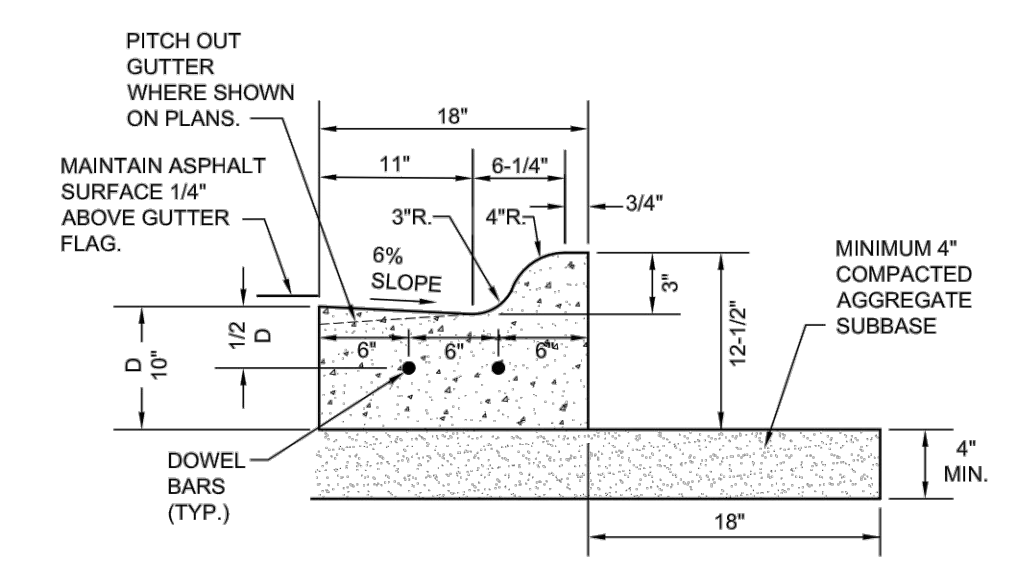
- NOTES:
1. TYLER 6850 OR APPROVED EQUAL. FOR LARGER VALVES TYLER 6860 OR APPROVED EQUAL WITH #6 BASE.
 2. VALVE BOXES ARE NOT ALLOWED IN PAVED AREAS - VALVE VAULT SHALL BE PROVIDED. CONTRACTOR SHALL SUBMIT IN WRITING ANY LOCATION WHERE A VAULT IS NOT INTENDED TO BE INSTALLED AND SPECIFIC REASON WHY IT CANNOT BE INSTALLED. THIS MUST BE APPROVED IN WRITING BY DPW-WATER.
 3. RESTRAINT GLANDS REQUIRED ON EACH SIDE OF VALVE IF STUBBED FOR FUTURE CONNECTION OR PIPE BEND WITHIN TWO PIPE LENGTHS OF VALVE.

	City of Naperville STANDARD DETAIL	VALVE BOX REVISED: 01/01/2013	WATER 9 490.05
	SHEET 1 OF 1		



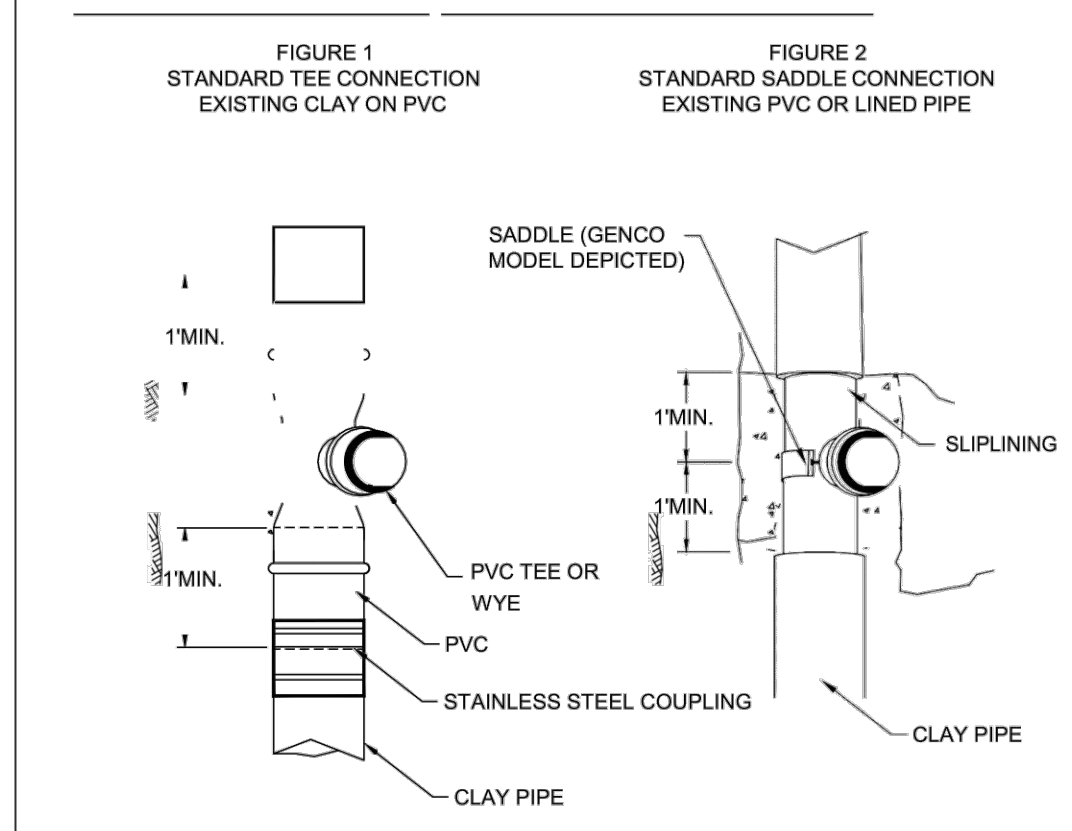
1. THRUST BLOCKING TO PREVENT MOVEMENT OF LINES UNDER PRESSURE AT BENDS, TEES, CAPS, VALVES, HYDRANTS, & AT POINTS SPECIFIED BY THE ENGINEER SHALL BE CLASS "B".
2. CONCRETE A MINIMUM OF 12" THICK, PLACED BETWEEN SOLID GROUND & THE FITTING, AND SHALL BE ANCHORED IN SUCH A MANNER THAT THE PIPE AND FITTING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

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



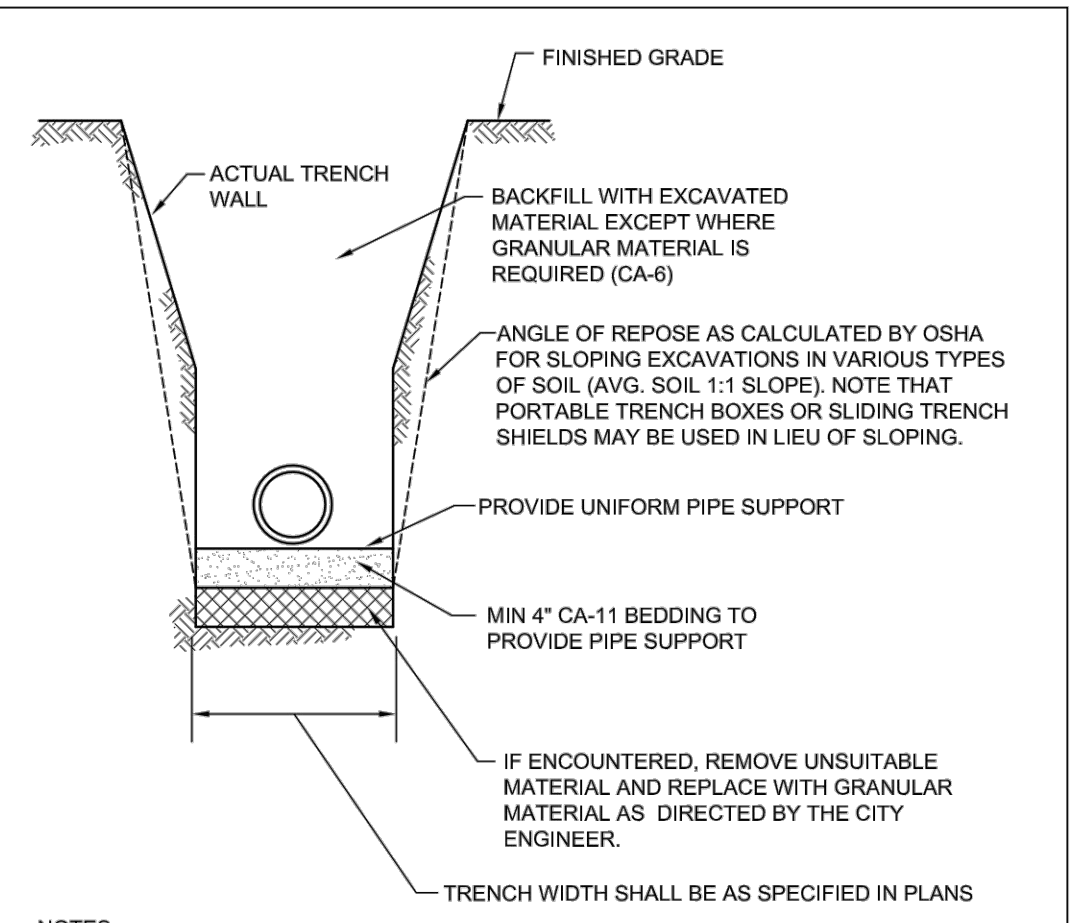
- NOTES:
1. 3/4" PREFORMED BITUMINOUS EXPANSION JOINT WITH TWO (2) NUMBER 6 COATED SMOOTH DOWEL BARS (3/4" DIA. X 18") WITH GREASE CAPS SHALL BE PLACED EVERY 150', 10' EITHER SIDE OF DRAINAGE STRUCTURES, P.C.'S, RADIUS POINTS AND BACK OF CUL-DE-SACS. WHEN EXPANSION JOINTS ARE CONSTRUCTED ADJACENT TO 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	M3.12 MOUNTABLE CURB & GUTTER REVISED: 01/01/2013	PAVEMENT 22 590.22
	SHEET 1 OF 1		



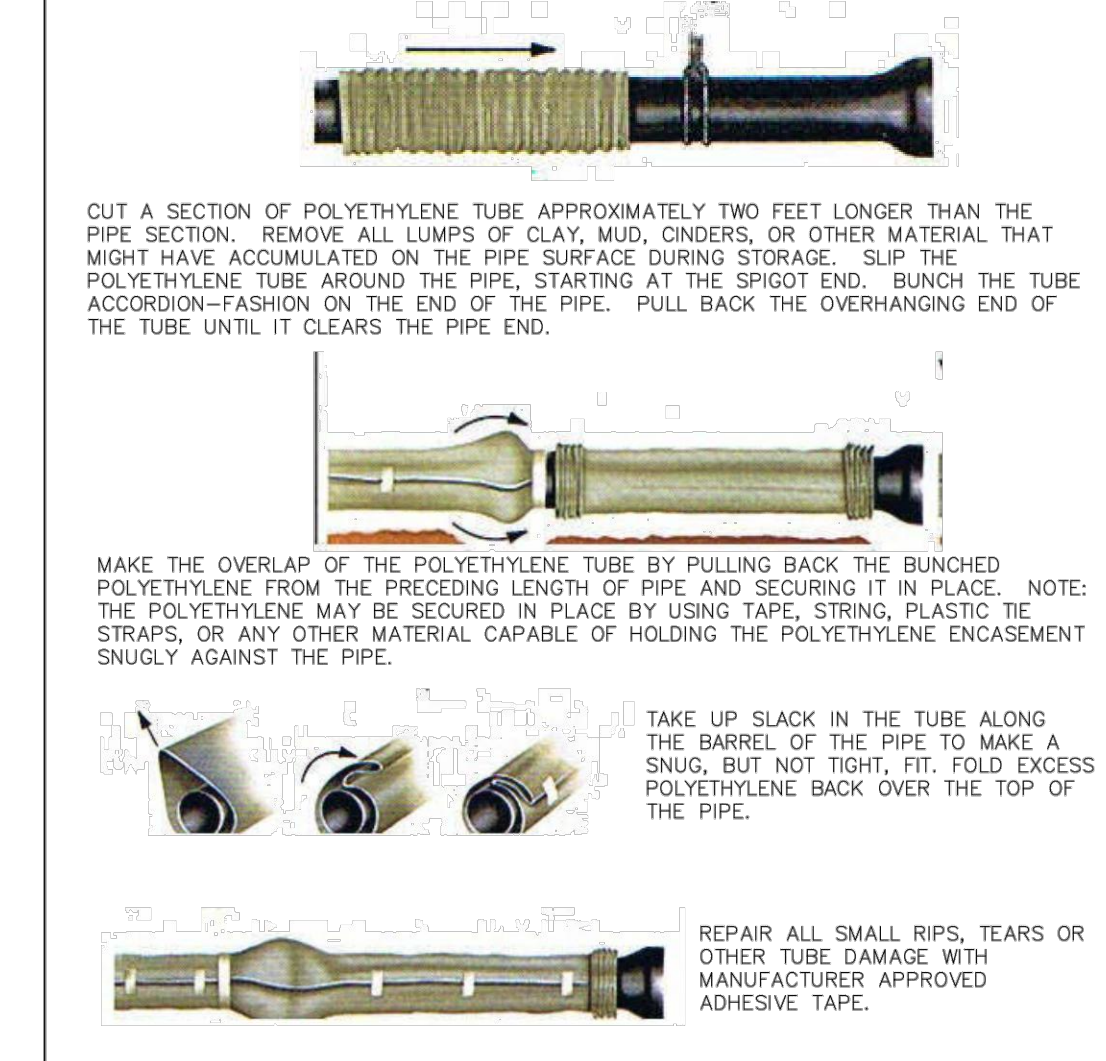
- STANDARD TEE CONNECTION-FIGURE 1**
1. BYPASS OR RESTRICT FLOW IN PIPE AS REQUIRED.
 2. SAW CUT AND REMOVE EXISTING PIPE TO MINIMUM EXTENT SHOWN IN FIGURE 1.
 3. INSTALL STANDARD PVC TEE AND PIPE AS SHOWN. PVC SHALL BE SDR26, ASTM 2241.
 4. FLEXIBLE COUPLING SHALL BE A NON-SHEARING TYPE TRANSITION COUPLING, FERNOCO 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 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 REVISED: 08/01/2018	SANITARY 21 390.21
	SHEET 1 OF 1		



- 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-SEIZ OR APPROVED EQUAL.

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



1. COVER BENDS, REDUCERS AND OTHER PIPE-SHAPED APPURTENANCES WITH POLYETHYLENE IN THE SAME MANNER AS THE PIPE.
2. WRAP VALVES, TEES AND OTHER ODD-SHAPED APPURTENANCES WITH A FLAT SHEET OR SPLIT LENGTH OF POLYETHYLENE TUBE BY PASSING THE SHEET UNDER THE APPURTENANCES AND BRINGING IT UP AROUND THE BODY. MAKE SEAMS BY BRINGING THE EDGES OF THE POLYETHYLENE SHEET TOGETHER, FOLDING OVER TWICE, AND TAPING DOWN.
3. POLYETHYLENE ENCASEMENT TO BE IN ACCORDANCE WITH A.W.W.A. C105-99OR LATEST VERSION.
4. COPPER SERVICE TAPS ARE TO BE WRAPPED WITH POLYETHYLENE OR A SUITABLE DIELECTRIC APE FOR A MINIMUM CLEAR DISTANCE OF 3' AWAY FROM THE MAIN.

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

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
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12-15-22	D.J.	PER REVIEW			
02-06-23	D.J.	PER REVIEW			

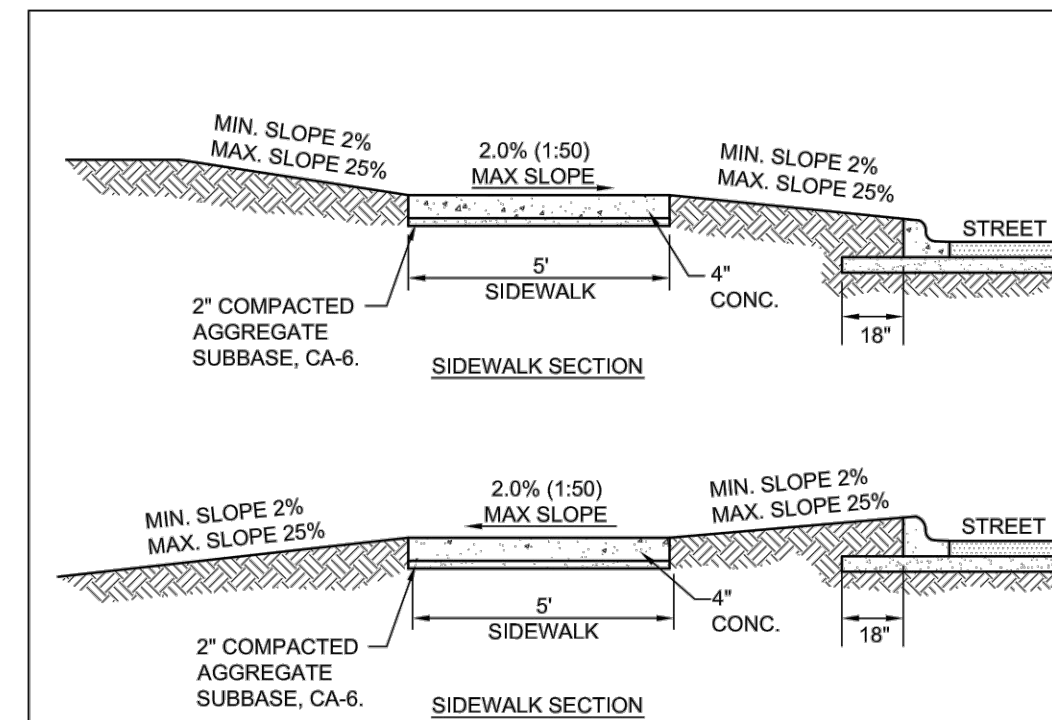
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CHECKED BY:	WDJ	DATE:	10-01-22
APPROVED BY:	WDJ	DATE:	10-01-22

DJA
DAVE JOHNSON
CIVIL ENGINEER & SURVEYOR
1568 Holiday Drive Sandwich, IL 60548
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e-mail: DJA@DJAonline.net

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NAPERVILLE, ILLINOIS 60564

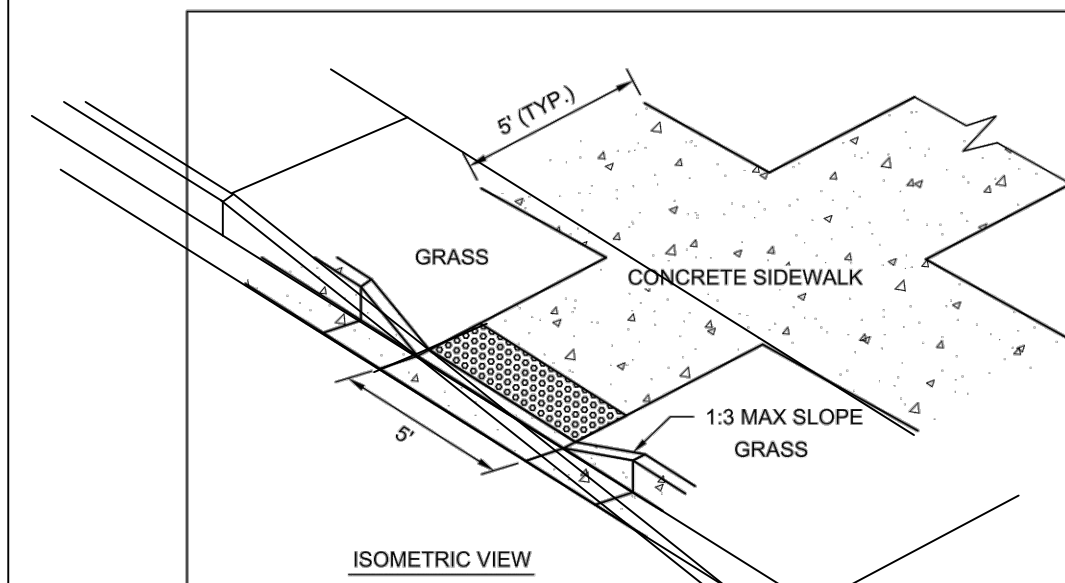
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CITY OF NAPERVILLE DETAILS
DESIGN POINT
1336 ILLINOIS ROUTE 59
NAPERVILLE, ILLINOIS 60563

SCALE: NONE
DATE: 10-01-22
JOB NO: 0000
SHEET **7** OF **10**



- 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
 REVIS: 01/01/2013 SHEET 1 OF 1
590.30



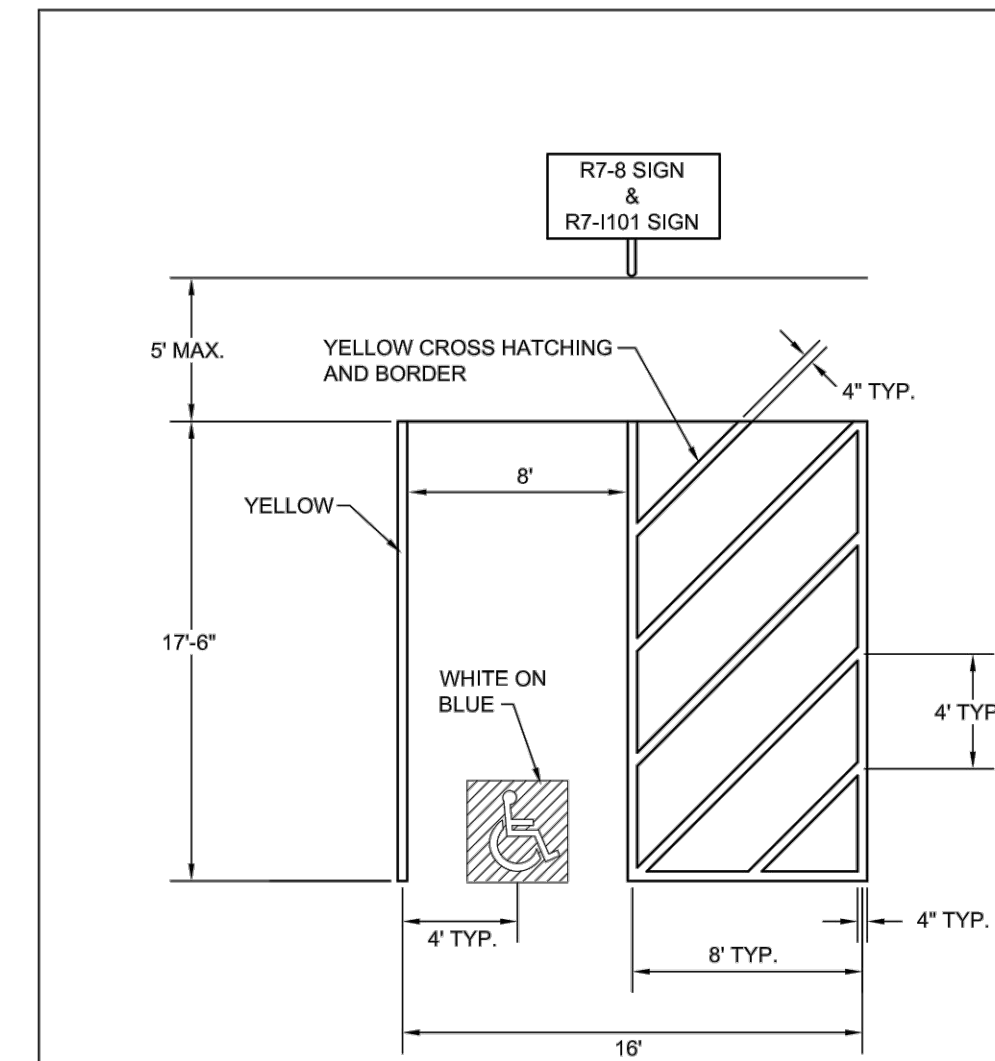
- NOTES:**
1. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED.
 2. SIDEWALK THICKNESS AT CURB RAMPS SHALL BE A MINIMUM OF 6" PCC ON 2" AGGREGATE SUB BASE.
 3. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE IDOT STANDARDS.
 4. SIDEWALKS SHALL FOLLOW CURRENT ADA GUIDELINES.

APPLICABLE IDOT STANDARD DETAILS (USE LATEST REVISION):

424001-XX	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424008-XX	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-XX	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-XX	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-XX	DEPRESSED CORNER FOR SIDEWALKS
424028-XX	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
424031-XX	MEDIAN PEDESTRIAN CROSSINGS
606001-XX	CONCRETE CURB TYPE B AND COMB CONCRETE CURB AND GUTTER

- APPROVED ADA DETECTABLE WARNING TILES:**
1. ADA SOLUTIONS - CAST IN PLACE REPLACEABLE
 2. ARMOR TILE - CAST IN PLACE
 3. DETECTILE - SUMTEK II
 4. TUFTILE - POLYMER WET-SET

City of Naperville
STANDARD DETAIL
 REVIS: 08/01/2016 SHEET 1 OF 1
590.32



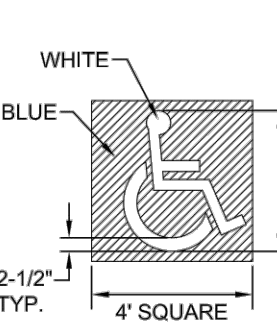
NOTE:
 FOR MULTIPLE ACCESSIBLE PARKING SPACES IN A ROW, THE DESIGN ENGINEER HAS THE OPTION OF USING THE ABOVE SHOWN UNIT IN A COMBINATION OF LEFT-HANDED AND RIGHT-HANDED LAYOUTS IF IT PROVIDES FOR BETTER SITE DESIGN.

City of Naperville
STANDARD DETAIL
 REVIS: 01/01/2013 SHEET 2 OF 4
590.35

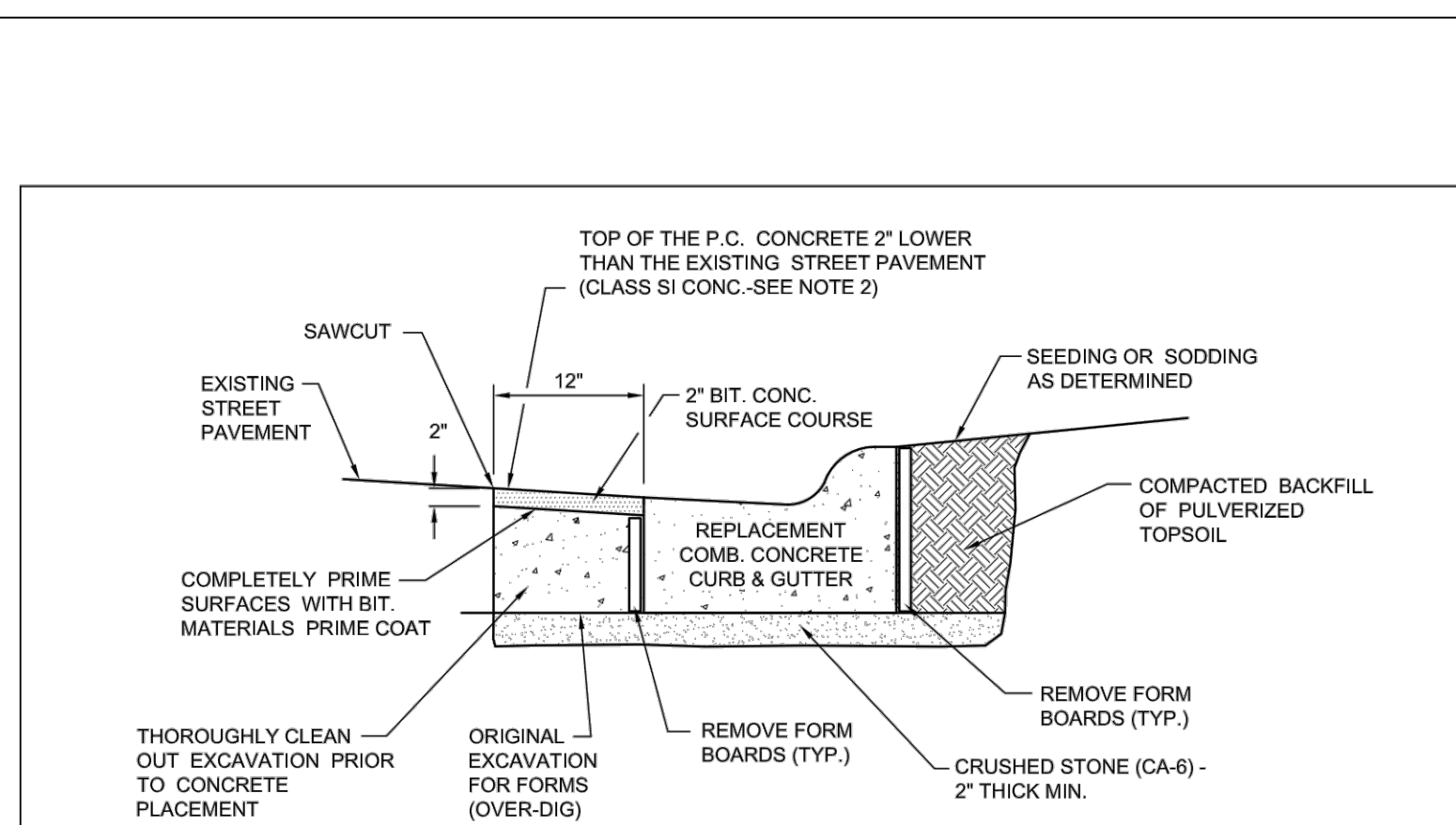
- NOTES FOR ACCESSIBLE PARKING SPACES:**
1. EACH PARKING SPACE SHALL BE AT LEAST 16' WIDE, WITH AN 8' WIDE ACCESS AISLE.
 2. ADJACENT ACCESSIBLE PARKING SHALL NOT SHARE A COMMON ACCESS AISLE.
 3. SIGNS SHALL BE VERTICALLY MOUNTED ON A PERMANENT POST OR A WALL AT THE FRONT CENTER BETWEEN THE SPACE AND THE ACCESS AISLE NO MORE THAN 9' HORIZONTALLY FROM THE FRONT OF A PARKING SPACE AND SET A MINIMUM OF 4" FROM THE FINISHED GRADE TO THE BOTTOM OF THE "250 FINE" SIGN.
 4. ACCESSIBLE PARKING SIGNS SHALL ALSO EXHIBIT THE WORDS "250 FINE".
 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 MINIMUM NUMBER OF ACCESSIBLE PARKING SPACES
1 TO 25	1
26 TO 50	2
51 TO 75	3
76 TO 100	4
101 TO 150	5
151 TO 200	6
201 TO 300	7
301 TO 400	8
401 TO 500	9
501 TO 1000	2% OF TOTAL NUMBER
OVER 1000	20 PLUS 1 FOR EACH 100 OVER 1000



City of Naperville
STANDARD DETAIL
 REVIS: 01/01/2013 SHEET 4 OF 4
590.35



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

City of Naperville
STANDARD DETAIL
 REVIS: 05/15/2015 SHEET 1 OF 1
590.24

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10-01-22	D.J.	PER REVIEW			
12-15-22	D.J.	PER REVIEW			
02-06-23	D.J.	PER REVIEW			

DRAWN BY:	DJ	DATE:	10-01-22
CHECKED BY:	WDJ	DATE:	10-01-22
APPROVED BY:	WDJ	DATE:	10-01-22

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 e-mail: DJA@DJAonline.net

CLIENT:
NITA ESTATES, LLC
 3804 NANNYBERRY COURT
 NAPERVILLE, ILLINOIS 60564

TITLE:
CITY OF NAPERVILLE DETAILS
 DESIGN POINTE
 1336 ILLINOIS ROUTE 59
 NAPERVILLE, ILLINOIS 60563

SCALE: NONE
 DATE: 10-01-22
 JOB NO: 0000
 SHEET **8** OF **10**

TRANSPORTATION, ENGINEERING AND DEVELOPMENT BUSINESS GROUP
STANDARD CONSTRUCTION PLAN NOTES FOR DEVELOPMENT PROJECTS

- 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 (630-420-6082) 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) 420-6082 BETWEEN THE HOURS OF 8:00 AM AND 4:00 PM (CLOSED) 1:00 PM TO 2:00 PM DAILY ON WEEKDAYS WHEN THE CITY IS OPEN FOR BUSINESS. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE THE SITE PERMIT NUMBER FOR THE PROJECT IN ORDER TO SCHEDULE THE INSPECTION(S).
- RECORD DRAWINGS ARE REQUIRED TO BE SUBMITTED AND APPROVED BY THE CITY OF NAPERVILLE PRIOR TO FINAL OCCUPANCY BEING GRANTED.
- FINAL ACCEPTANCE OF PUBLIC IMPROVEMENTS SHALL BE GRANTED ONLY AFTER A FINAL INSPECTION HAS BEEN COMPLETED AND HAS REVEALED THAT ALL IMPROVEMENTS HAVE BEEN SATISFACTORILY COMPLETED IN ACCORDANCE WITH THE NAPERVILLE STANDARD SPECIFICATIONS. UTILITIES ARE NOT CONSIDERED ACCEPTED UNTIL THEY ARE FORMALLY ACCEPTED BY THE CITY COUNCIL AS REQUIRED IN ACCORDANCE WITH THE NAPERVILLE MUNICIPAL CODE.

STORM SEWER NOTES (GENERAL)

THE STORM SEWER NOTES IN THIS SECTION SHOULD BE INCLUDED IN ALL FINAL ENGINEERING PLANS REGARDLESS OF THE TYPE OF WORK IN THE PROJECT.

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

STORM SEWER NOTES (STORM SEWER WORK IN PLANS)

- 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:
 - REINFORCED CONCRETE PIPE (RCP)** - REINFORCED CONCRETE PIPE SHALL CONFORM TO ASTM DESIGNATION C 76, CLASS 1, II, III, IV OR V. BITUMINOUS JOINTS SHALL CONFORM TO ASTM DESIGNATIONS C 14 OR C 76 AS MAY BE APPLICABLE. BITUMINOUS MATERIAL SHALL CONSIST OF A HOMOGENEOUS BLEND OF BITUMEN, INERT FILLER, AND SUITABLE SOLVENT APPROVED BY THE CITY ENGINEER. RUBBER GASKET JOINTS SHALL CONFORM TO ASTM C 433. REINFORCED CONCRETE PIPE SHALL ALSO BE PERMITTED AS ROUND, ELLIPTICAL, OR BOX SHAPED OR AS REINFORCED CONCRETE ARCH CULVERT.
 - NON-REINFORCED CONCRETE PIPE** - NON-REINFORCED CONCRETE PIPE SHALL BE ALLOWED FOR PIPES WITH A 10 INCH OR SMALLER DIAMETER. NON-REINFORCED CONCRETE PIPE SHALL CONFORM TO ASTM DESIGNATION C 14, CLASS 2. BITUMINOUS JOINTS SHALL CONFORM TO ASTM DESIGNATIONS C 14 OR C 76 AS MAY BE APPLICABLE. BITUMINOUS MATERIAL SHALL CONSIST OF A HOMOGENEOUS BLEND OF BITUMEN, INERT FILLER, AND SUITABLE SOLVENT APPROVED BY THE CITY ENGINEER. RUBBER GASKET JOINTS SHALL CONFORM TO ASTM C 433.
 - DUCTILE IRON PIPE (DIP)** - DUCTILE IRON PIPE SHALL CONFORM TO ANSI A 21.41 (AWWA C-151), CLASS THICKNESS DESIGNED PER ANSI A 21.50 (AWWA C-150), TAR (SEAL) COATED AND CEMENT LINED PER ANSI A 21.4 (AWWA C-104), WITH MECHANICAL OR RUBBER RING (SLIP SEAL OR PUSH ON) JOINTS. ALL DUCTILE IRON PIPE SHALL BE WRAPPED WITH POLYETHYLENE.
 - POLYVINYL CHLORIDE PIPE (PVC)** - POLYVINYL CHLORIDE (PVC) PIPE SHALL CONFORM TO ASTM D 3024, TYPE PM. 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 (127 KPA). JOINTS FOR PVC PIPE SHALL BE FLEXIBLE ELASTOMETRIC SEALS PER ASTM D 3212.
 - HIGH DENSITY POLYETHYLENE PIPE (HDPE)** - HIGH-DENSITY POLYETHYLENE (HDPE) PIPE SHALL CONFORM TO THE REQUIREMENTS OF ASTM M 242 AND M 244. PIPE AND FITTINGS SHALL BE MADE FROM VIRGIN PE COMPOUNDS WHICH CONFORM TO THE REQUIREMENTS OF CELL CLASS 324420C AS DEFINED AND DESCRIBED IN ASTM D 3350. RUBBER GASKET JOINTS SHALL BE USED.
- BEDDING, OTHER THAN CONCRETE EMBEDMENT, SHALL CONSIST OF GRAVEL, CRUSHED GRAVEL, OR CRUSHED STONE 1/4 INCH TO 1 INCH IN SIZE. AS A MINIMUM, THE MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF IDOT STANDARD SPECIFICATIONS. THE GRADATION SHALL CONFORM TO GRADATION CA-7 OR CA-11 OF THE STANDARD SPECIFICATIONS.
- BACKFILL MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF IDOT STANDARD SPECIFICATIONS. THE GRADATION SHALL CONFORM TO GRADATION CA-6 OF THE STANDARD SPECIFICATIONS. BACKFILL MATERIAL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- JOINTS CONNECTING DISSIMILAR PIPE MATERIALS SHALL BE MADE WITH SEWER CLAMP NON-SHEAR TYPE COUPLINGS, CASCADE CSS, ROMAC I.S.S., 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.
- MANHOLES FOR STORM SEWERS SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES AND SHALL BE CONSTRUCTED OF PRECAST CONCRETE UNITS IN ACCORDANCE WITH ASTM C 478-05 (OR LATEST EDITION) AND SHALL CONFORM TO THE CITY OF NAPERVILLE STANDARD DETAIL. ALL MANHOLES SHALL BE WATER-TIGHT. ALL VISIBLE LEAKS SHALL BE SEALED IN A MANNER ACCEPTABLE TO THE CITY ENGINEER.
- MANHOLES SHALL BE FURNISHED WITH A SELF-SEALING FRAME AND SOLID COVER (EAST JORDAN IRON WORKS 1022 WITH TYPE M1 RADIAL FLAT GRATE, OR APPROVED EQUAL) WITH THE WORD "STORM" IMPRINTED ON THE COVER IN RAISED LETTERS. ALL FRAMES AND LIDS SHALL MEET OR EXCEED ASHTO H-20 LOADING SPECIFICATIONS. FRAMES SHALL BE SHOP PAINTED WITH ASPHALTIC BASE PAINT. BOTH THE MANHOLE FRAME AND COVER SHALL HAVE MACHINED HORIZONTAL AND VERTICAL BEARING SURFACES. INVERTED MANHOLE FRAMES ARE NOT ALLOWED. PICK HOLES SHALL NOT CREATE OPENINGS IN THE MANHOLE COVER.

EROSION CONTROL AND DRAINAGE NOTES (GENERAL)

- THE CONTRACTOR SHALL MAINTAIN PROPER DRAINAGE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION AND PREVENT STORM WATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS.
 - DURING EXTENDED DRY PERIODS, THE CONSTRUCTION AREA(S) MAY NEED TO BE WATERED DOWN TO PREVENT THE BLOWING OF SOIL FROM THE SITE.
 - DURING CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE UTILIZED TO MINIMIZE THE TRACKING OF DIRT ONTO THE PUBLIC STREETS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO KEEP PUBLIC STREET PAVEMENT CLEAN OF DIRT AND DEBRIS. ANY DIRT THAT IS TRACKED ONTO THE PUBLIC STREETS SHALL BE REMOVED THE SAME DAY. IF THE AMOUNT TRACKED ON THE PUBLIC STREET IS EXCESSIVE, CLEANING MAY BE REQUIRED MORE FREQUENTLY.
- EROSION CONTROL AND DRAINAGE NOTES (PROJECT SPECIFIC)
- 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.
 - ACCEPTABLE PERIMETER EROSION CONTROL INCLUDES SILT FENCE, SILT WORM AND ANY OTHER APPLICATION APPROVED BY THE CITY ENGINEER.
 - ALL OPEN GRATE STRUCTURES SHALL HAVE EROSION CONTROL PROTECTION IN ACCORDANCE WITH THE APPROVED EROSION CONTROL PLANS. INLET BASKETS ARE THE PREFERRED METHOD, STRAW BALES SHALL NOT BE USED.
 - STOCKPILES NOT BEING DISTURBED FOR MORE THAN 14 DAYS SHALL BE SEEDED.
 - ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY, AFTER ANY 0.5 INCH RAINFALL OR MORE FREQUENTLY AS NECESSARY TO MAINTAIN THEIR FUNCTION.

GEOMETRIC AND PAVING NOTES (GENERAL)

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

TRAFFIC CONTROL AND PROTECTION NOTES (GENERAL)

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

REVISIONS:				DATE	BY	DESCRIPTION
10-01-22	D.J.	PER REVIEW				
12-15-22	D.J.	PER REVIEW				
02-08-23	D.J.	PER REVIEW				

DRAWN BY:	DJ	DATE:	10-01-22
CHECKED BY:	WDJ	DATE:	10-01-22
APPROVED BY:	WDJ	DATE:	10-01-22

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NAPERVILLE, ILLINOIS 60563

SCALE: NONE
DATE: 10-01-22
JOB NO: 0000
SHEET **9** OF **10**

GENERAL NOTES

- 1. DEFINITION OF TERMS:
A. THE CONTRACTOR IS THE INDIVIDUAL, FIRM, PARTNERSHIP, OR CORPORATION CONTRACTING WITH THE OWNER FOR PERFORMANCE OF THE PRESCRIBED WORK.
B. THE OWNER IS THE INDIVIDUAL, FIRM, PARTNERSHIP, OR CORPORATION HAVING THE AUTHORITY TO AWARD THE CONTRACT FOR THE PRESCRIBED WORK.
C. THE ENGINEER WHERE SPECIFICALLY REFERRED TO IN THE SPECIAL PROVISIONS SHALL BE THE OWNER'S REPRESENTATIVE.
2. ALL CONTRACTORS SHALL BE RESPONSIBLE FOR THE FOLLOWING, WHICH SHALL ALSO BE INCIDENTAL TO THE COST OF CONSTRUCTION:
A. EXAMINATION OF THE ENGINEERING PLANS AND SPECIFICATIONS AND THE EXISTING SITE CONDITIONS PRIOR TO SUBMITTING A BID, AND NOTIFYING THE ENGINEER AT ONCE OF ANY DISCREPANCIES.
B. THE OBTAINING OF ANY NECESSARY PERMITS NOT PREVIOUSLY APPLIED FOR BY THE OWNER, AND POSTING OF THE NECESSARY BONDS.
C. THE NOTIFICATION OF THE START OF CONSTRUCTION TO ALL JURISDICTIONAL AGENCIES, UTILITY COMPANIES, AND THE ENGINEER, AT LEAST TWO (2) WORKING DAYS PRIOR TO SAID START. ALL EXISTING UTILITIES MUST BE STAKED PRIOR TO CONSTRUCTION AND BE PROTECTED DURING CONSTRUCTION.
D. CALLING ATTENTION TO THE OWNER OF ANY ERRORS OR DISCREPANCIES WHICH MAY BE SUSPECTED IN LINES AND GRADES WHICH ARE ESTABLISHED BY THE OWNER. THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK UNTIL THE LINES AND GRADES WHICH ARE BELIEVED TO BE IN ERROR HAVE BEEN VERIFIED OR CORRECTED BY THE OWNER. ADDITIONAL STAKING THAT MAY BE REQUIRED DUE TO CONTRACTOR NEGLIGENCE SHALL BE PAID FOR BY THE CONTRACTOR.
E. THE PROVIDING OF SAFE AND HEALTHFUL WORKING CONDITIONS THROUGHOUT THE PROSECUTION OF THE CONSTRUCTION WORK. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: THE REMOVAL OF DEBRIS, THE PROTECTING OF CONSTRUCTION HAZARDS WITH BARRICADES, AND THE KEEPING OF PUBLIC STREET PAVEMENTS CLEAN OF CONSTRUCTION DIRT AND DEBRIS.
F. THE RESTORATION TO THE ORIGINAL CONDITION OR BETTER OF ANY OFFSITE AREAS THAT ARE DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION.
G. THE TESTING OF MATERIALS, IF REQUIRED BY THE OWNER AND/OR THE JURISDICTIONAL AGENCIES.
H. THE GUARANTEE OF ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR UPON FINAL ACCEPTANCE BY THE OWNER AND THE JURISDICTIONAL AGENCIES.
I. THE TRAFFIC CONTROL AND PROTECTION OF ALL WORK CONDUCTED WITHIN PUBLIC RIGHTS-OF-WAY. SHALL BE IN ACCORDANCE WITH THE APPLICABLE ARTICLES OF THE 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION' ADOPTED JANUARY 1, 2012, AND THE LATEST EDITION OF THE 'MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES' (MUTCD) AND 'ILLINOIS SUPPLEMENT TO THE NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.'
J. CONTRACTOR WORK HOURS ARE ONLY ALLOWED FROM 7:00 A.M. TO 5:00 P.M., MONDAY THROUGH SATURDAY. NO WORK SHALL BE PERMITTED ON SUNDAYS.
3. THE OWNER SHALL BE RESPONSIBLE FOR THE FOLLOWING:
A. SCHEDULING THE NECESSARY PRE-CONSTRUCTION MEETING(S) WITH THE JURISDICTIONAL AGENCIES.
B. PROVIDING THE CONTRACTOR WITH ONE (1) SET OF CONTROL LINE AND GRADE STAKES (AT OFFSETS MUTUALLY AGREED UPON) FOR THE PROPER PROTECTION AND CONTROL OF THE WORK.
C. APPLYING FOR IEPA AND IDNR PERMITS. OTHER NECESSARY PERMITS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. THE ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING:
A. TO PERIODICALLY VISIT THE CONSTRUCTION SITE IN ORDER TO BETTER CARRY OUT THE DUTIES AND RESPONSIBILITIES ASSIGNED BY THE OWNER AND UNDERTAKEN BY THE ENGINEER.
B. THE ENGINEER SHALL NOT, DURING SUCH VISITS OR AS A RESULT OF SUCH OBSERVATIONS OF THE CONTRACTOR'S WORK IN PROGRESS, SUPERVISE, DIRECT, OR HAVE CONTROL OVER THE CONTRACTOR'S WORK. NOR SHALL THE ENGINEER HAVE AUTHORITY OVER OR RESPONSIBILITY FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OF CONSTRUCTION SELECTED BY THE CONTRACTOR(S), FOR SAFETY PRECAUTIONS AND PROGRAMS INCIDENT TO THE WORK OF THE CONTRACTOR(S), OR FOR ANY FAILURE OF THE CONTRACTOR(S) TO COMPLY WITH LAWS, RULES, REGULATIONS, ORDINANCES, CODES OR ORDERS APPLICABLE TO THE CONTRACTOR(S) FURNISHING AND PERFORMING THEIR WORK. ACCORDINGLY, THE ENGINEER CAN NEITHER GUARANTEE THE PERFORMANCE OF THE CONSTRUCTION CONTRACT BY THE CONTRACTOR(S) NOR ASSUME RESPONSIBILITY FOR THE CONTRACTOR(S) FAILURE TO FURNISH AND PERFORM THEIR WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

STANDARD SPECIFICATIONS

- 1. THE STANDARD SPECIFICATIONS WHICH APPLY TO THE CONSTRUCTION WORK AS SHOWN ON THE ENGINEERING PLANS ARE CONTAINED IN THE FOLLOWING DOCUMENTS:
A. 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION' AS ADOPTED JANUARY 1, 2012 BY THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION.
B. 'STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS' AS ADOPTED JULY 2009 BY THE ILLINOIS SOCIETY OF PROFESSIONAL ENGINEERS, ET AL.
C. STANDARD SPECIFICATIONS AS CURRENTLY IN EFFECT BY THE LOCAL JURISDICTIONAL AGENCY.
2. IN THE EVENT OF A CONFLICT BETWEEN STATEMENTS WHICH APPLY TO THE CONSTRUCTION WORK, THE STATEMENT CONTAINED WITHIN THE DOCUMENT FIRST ENUMERATED BELOW SHALL GOVERN:
A. SPECIAL PROVISIONS
B. GENERAL NOTES
C. NOTES AND DETAILS ON THE ENGINEERING PLANS
D. STANDARD SPECIFICATIONS, AS DEFINED IN PARAGRAPH 1 ABOVE.

SPECIAL PROVISIONS

- 1. EARTHWORK IMPROVEMENTS
A. TOPSOIL EXCAVATION INCLUDES:
1. EXCAVATION OF TOPSOIL AND OTHER STRUCTURALLY UNSUITABLE MATERIALS WITHIN THOSE AREAS THAT WILL REQUIRE EARTH EXCAVATION OR COMPACTED EARTH FILL MATERIAL, IN ORDER TO ACHIEVE THE PLAN SUBGRADE ELEVATIONS.
2. PLACEMENT OF THE EXCAVATED MATERIAL IN OWNER DESIGNATED AREAS FOR FUTURE USE WITHIN AREAS TO BE LANDSCAPED, AND THOSE AREAS NOT REQUIRING STRUCTURAL FILL MATERIAL.
3. COMPACTION OF THE EXCAVATED MATERIAL WHERE PLACED IN AREAS NOT REQUIRING STRUCTURAL FILL MATERIAL, SHALL BE MODERATE.
4. EXCESS MATERIALS, IF NOT UTILIZED AS FILL OR IF NOT STOCKPILED FOR FUTURE LANDSCAPING, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF BY THE CONTRACTOR.
B. EARTH EXCAVATION INCLUDES:
1. EXCAVATION OF EARTH AND OTHER MATERIALS WHICH ARE SUITABLE FOR USE AS STRUCTURAL FILL. THE EXCAVATION SHALL BE TO WITHIN A TOLERANCE OF 0.3 FEET (±) OF THE PLAN SUBGRADE ELEVATIONS. THE (±) TOLERANCE WITHIN PAVEMENT AREAS SHALL BE SUCH THAT THE EARTH MATERIAL SHALL "BALANCE" AS PART OF THE FINE GRADING OPERATION.
2. PLACEMENT OF THE EARTH AND OTHER SUITABLE MATERIALS SHALL BE WITHIN THOSE AREAS REQUIRING STRUCTURAL FILL IN ORDER TO ACHIEVE THE PLAN SUBGRADE ELEVATIONS TO WITHIN A TOLERANCE OF 0.3 FEET (±). THE FILL MATERIAL SHALL BE PLACED IN LOOSE LIFTS THAT SHALL NOT EXCEED EIGHT (8) INCHES IN THICKNESS, AND THE WATER CONTENT SHALL BE ADJUSTED IN ORDER TO ACHIEVE THE REQUIRED COMPACTION. EARTH MATERIAL MAY BE PLACED WITHIN THOSE PORTIONS OF THE BUILDING SITE NOT REQUIRING STRUCTURAL FILL, TO WITHIN SIX (6) INCHES OF THE PLAN FINISHED GRADE ELEVATION. IN AREAS REQUIRING STRUCTURAL FILL, HOWEVER, THE EARTH MATERIAL SHALL NOT BE PLACED OVER TOPSOIL OR OTHER UNSUITABLE MATERIALS UNLESS SPECIFICALLY DIRECTED BY A SOILS ENGINEER WITH THE CONCURRENCE OF THE OWNER.
3. COMPACTION OF THE EARTH AND OTHER SUITABLE MATERIALS, SHALL BE TO AT LEAST 95% OF THE STANDARD PROCTOR DRY DENSITY, ASTM 698 WITHIN PROPOSED PAVEMENT AND BUILDING AREAS. MODERATE COMPACTION IS REQUIRED ELSEWHERE.
4. EXCESS MATERIALS, IF NOT UTILIZED AS FILL, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF BY THE CONTRACTOR.

C. UNSUITABLE MATERIAL

- 1. UNSUITABLE MATERIAL SHALL BE CONSIDERED AS MATERIAL WHICH IS NOT SUITABLE FOR THE SUPPORT OF PAVEMENT AND BUILDING CONSTRUCTION, THAT IS ENCOUNTERED BELOW NORMAL TOPSOIL DEPTHS AND THE PROPOSED SUBGRADE ELEVATION. THE DECISION TO REMOVE SAID MATERIAL, AND TO WHAT EXTENT, SHALL BE MADE BY A SOILS ENGINEER WITH THE CONCURRENCE OF THE OWNER.
D. GENERAL
THE GRADING CONTRACTOR SHALL:
1. MAINTAIN PROPER SITE DRAINAGE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION, AND PREVENT STORM WATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS.
2. SPREAD AND COMPACT UNIFORMLY TO THE DEGREE SPECIFIED ALL EXCESS TRENCH SPOIL, AFTER COMPLETION OF THE UNDERGROUND IMPROVEMENTS.
3. SCARIFY AND COMPACT TO THE DEGREE SPECIFIED THE UPPER TWELVE (12) INCHES OF THE SUITABLE SUBGRADE MATERIAL, IN ALL AREAS THAT MAY BE SOFT DUE TO EXCESS MOISTURE CONTENT. THIS APPLIES TO CUT AREAS AS WELL AS FILL AREAS.
4. PROVIDE WATER TO ADD TO DRY MATERIAL IN ORDER TO ADJUST THE MOISTURE CONTENT FOR THE PURPOSE OF ACHIEVING THE SPECIFIED COMPACTION.
5. BE RESPONSIBLE FOR IMPLEMENTATION OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND THE 'SOIL EROSION AND SEDIMENTATION CONTROL MEASURES' AS ASSIGNED TO THE GRADING CONTRACTOR ON THE ENGINEERING PLAN.

E. TESTING AND FINAL ACCEPTANCE

- 1. THE CONTRACTOR SHALL PROVIDE AS A MINIMUM, A FULLY LOADED SIX-WHEEL TRUCK FOR PROOF ROLLING THE PAVEMENT SUBGRADE PRIOR TO THE PLACEMENT OF THE CURB AND GUTTER AND THE BASE MATERIAL.
2. SPECIFIC COMPACTION TESTING MAY BE REQUIRED BY THE OWNER IN SELECTED FILL AREAS. THE CONTRACTOR SHALL BEAR THE COST OF ANY COMPACTION TESTING WHICH DOES NOT MEET SPECIFICATION AS WELL AS THE RESPONSIBILITY AND COST FOR THE NECESSARY CORRECTIONS.
3. APPROVAL OF THE PAVEMENT SUBGRADE BY THE OWNER SHALL BE REQUIRED PRIOR TO THE PLACEMENT OF THE PAVEMENT MATERIALS.
F. METHOD OF MEASUREMENT
1. AS-BUILT MEASUREMENTS OF EARTHWORK FOR THE PURPOSE OF PAYMENT SHALL NOT APPLY. THE QUANTITIES SHOWN IN THE ENGINEER'S QUANTITY ESTIMATE SHALL BE UTILIZED UNLESS SAID QUANTITIES ARE ADJUSTED BY MUTUAL CONSENT OF THE OWNER AND CONTRACTOR PRIOR TO THE SIGNING AND ACCEPTANCE OF A CONTRACT.
2. THE QUANTITIES AS SHOWN IN THE ENGINEER'S QUANTITY ESTIMATE ARE THOSE ESTIMATED BY THE ENGINEER AND ARE PROVIDED SOLELY FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR BY CHOOSING TO UTILIZE THESE QUANTITIES IN THE PREPARATION OF HIS 'LUMP SUM' BID ALSO ACCEPTS THEIR ACCURACY. THE CONTRACTOR IS THEREFORE ENCOURAGED TO MAKE HIS OWN INDEPENDENT EARTHWORK CALCULATION, AND TO VISIT THE SITE PRIOR TO THE PREPARATION OF HIS BID.
3. PRIOR TO THE REMOVAL OF UNSUITABLE MATERIAL, THE CONTRACTOR SHALL NOTIFY THE OWNER FOR AUTHORIZATION TO REMOVE SAID MATERIAL. UPON AUTHORIZATION AND REMOVAL, THE UNSUITABLE MATERIAL SHALL BE FIELD MEASURED BY THE ENGINEER IN PLACE.

2. PAVING IMPROVEMENTS

- A. FINE GRADING
1. PRIOR TO THE CONSTRUCTION OF THE CURB AND GUTTER AND THE PLACEMENT OF THE BASE MATERIAL, THE STREETS SHALL BE FINE GRADED TO WITHIN 0.1 FEET (+) OF FINAL SUBGRADE ELEVATION, TO A POINT TWO (2) FEET BEYOND THE BACK OF THE PROPOSED CURB.
B. CURB AND GUTTER
1. THE CURB AND GUTTER SHALL BE THE TYPE AS DETAILED ON THE ENGINEERING PLANS.
2. THE CURBS SHALL BE BACKFILLED AFTER THEIR CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE.
C. PAVEMENT
1. THE PAVEMENT MATERIALS SHALL BE AS DETAILED ON THE ENGINEERING PLANS. THICKNESSES SPECIFIED SHALL BE CONSIDERED TO BE THE MINIMUM COMPACTED THICKNESS.
2. BITUMINOUS MATERIALS (PRIME COAT) SHALL BE APPLIED TO THE SURFACE OF THE BASE COURSE AND THE SURFACE OF THE BINDER COURSE PRIOR TO THE PAVING OPERATIONS. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 403.09 OF THE STANDARD SPECIFICATIONS. THE BASE COURSE AND BINDER COURSE SHALL BE DRY AND FREE FROM ANY DUST PRIOR TO APPLYING THE PRIME COAT OF BITUMINOUS MATERIAL. THE COST OF SURFACE PREPARATION SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM OF WORK. THE APPLICATION RATE SHALL BE 0.25 GAL/S.Y.
D. GENERAL
THE PAVING CONTRACTOR SHALL:
1. REPAIR ANY BASE COURSE AND BINDER COURSE FAILURES PRIOR TO THE INSTALLATION OF THE FINAL BITUMINOUS CONCRETE SURFACE COURSE.
2. SWEEP CLEAN THE BINDER COURSE PRIOR TO THE INSTALLATION OF THE FINAL BITUMINOUS CONCRETE SURFACE COURSE. EXCESSIVE CLEANING OF THE BINDER COURSE THAT MAY BE REQUIRED, AND IS NOT THE FAULT OF THE PAVING CONTRACTOR, SHALL BE PAID FOR ON A TIME AND MATERIAL BASIS BY PRIOR AGREEMENT WITH THE OWNER.
E. TESTING AND FINAL ACCEPTANCE
1. PRIOR TO PLACEMENT OF THE BASE COURSE, THE SUBGRADE MUST BE APPROVED BY THE LOCAL JURISDICTIONAL AUTHORITY. (SEE 'TESTING AND FINAL ACCEPTANCE FOR EARTHWORK'.)
2. PRIOR TO PLACEMENT OF THE BITUMINOUS CONCRETE SURFACE COURSE, THE CONTRACTOR IF REQUESTED BY THE OWNER, SHALL OBTAIN SPECIMENS OF THE BINDER COURSE WITH A CORE DRILL WHERE DIRECTED BY THE ENGINEER, FOR THE PURPOSE OF THICKNESS VERIFICATION. CORING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STANDARD SPECIFICATION ENTITLED 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION'. THE COST FOR OBTAINING CORES, WHICH ARE LESS THAN THE MINIMUM THICKNESS SPECIFIED, SHALL BE BORNE BY THE CONTRACTOR. THE COST FOR OBTAINING CORES WHICH MEET OR EXCEED THE SPECIFICATION SHALL BE COVERED BY THE OWNER.
3. DEFICIENCIES IN THE BITUMINOUS CONCRETE BINDER COURSE SHALL BE ADJUSTED FOR BY INCREASING THE PLAN THICKNESS OF THE SURFACE COURSE WITH NO ADDITIONAL COST TO THE OWNER.
4. FINAL ACCEPTANCE OF THE TOTAL PAVEMENT INSTALLATION SHALL BE SUBJECT TO THE TESTING AND CHECKING REQUIREMENTS CITED ABOVE.

F. METHOD OF MEASUREMENT

- 1. CURB AND GUTTER, AND BASE COURSE SHALL BE MEASURED IN THE FIELD BY THE CONTRACTOR. THE QUANTITIES SHALL BE SUBMITTED TO THE ENGINEER FOR VERIFICATION.
2. WHEN REQUESTED, DOCUMENTATION FOR THE INSTALLED BASE COURSE, BITUMINOUS CONCRETE BINDER, AND SURFACE COURSE, SHALL BE SUBMITTED TO THE ENGINEER FOR VERIFICATION. DEFICIENCIES IN TOTAL BITUMINOUS CONCRETE PAVEMENT THICKNESS SHALL BE ADJUSTED FOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE JURISDICTIONAL AUTHORITY.
3. UNDERGROUND IMPROVEMENTS
A. SANITARY SEWER MAINS AND SERVICES
1. MATERIAL SHALL BE:
A. POLYVINYL CHLORIDE PIPE (PVC), WHICH SHALL MEET OR EXCEED THE PERFORMANCE REQUIREMENTS OF ASTM D-2241-05 (OR LATEST EDITION), SDR 26 AND BE IN ACCORDANCE WITH STANDARD CITY SPECIFICATIONS FOR CONSTRUCTION AND INSTALLATION.
B. DUCTILE IRON PIPE (DIP), WHERE INDICATED ON THE PLANS, WHICH SHALL MEET OR EXCEED THE PERFORMANCE REQUIREMENTS OF ANSI/AWWA C151/AWWA C151/4.21.51-02 (OR LATEST EDITION).

2. JOINTS SHALL BE:

- A. FOR PVC, RING-TITE TYPE, ASTM D-3139-98 (OR LATEST EDITION).
B. FOR DIP, PUSH-ON (BELL-TITE) TYPE, ANSI/AWWA C111/A.21.11-00 (OR LATEST EDITION).
C. JOINTS CONNECTING DISSIMILAR PIPE MATERIALS SHALL BE MADE WITH SEWER CLAMP NON-SHEAR TYPE COUPLINGS, CASCADE CSS, ROMAC LSS, FERROC, INC. SHEAR RING OR APPROVED EQUAL. WHEN AVAILABLE, A STANDARD JOINT WITH A TRANSITION GASKET MAY BE USED.
3. BEDDING SHALL BE AS DETAILED ON THE ENGINEERING PLAN.
4. COVER OVER THE PIPE SHALL BE AS DETAILED ON THE ENGINEERING PLANS.
5. SLOPE FOR AN 8-INCH DIAMETER PIPE SHALL BE A MINIMUM OF 0.40%. FOR A 6 INCH DIAMETER PIPE, A MINIMUM OF 1.00%.
6. WYES SHALL BE PROVIDED ON THE NEW SANITARY SEWERS FOR PROPOSED BUILDING SERVICES. ALL CONNECTIONS TO EXISTING SANITARY SEWERS NOT HAVING WYES SHALL BE MADE WITH A 'SEWER TAP' FOR BUILDING SERVICES AND WITH A MANHOLE FOR SEWER EXTENSIONS. ALL TAPS SHALL INCLUDE A PROPERLY INSTALLED HUB WYE SADDLE.
7. 'BAND SEAL' OR SIMILAR COUPLINGS SHALL BE USED WHEN JOINING PIPES OF DISSIMILAR MATERIALS.
8. SERVICES SHALL EXTEND FIVE (5) FEET INSIDE THE PROPERTY LINE, OR TO WITHIN FIVE (5) FEET FROM THE FACE OF A PROPOSED BUILDING BEING SERVED (MULTI-FAMILY AND COMMERCIAL DEVELOPMENT). THE TERMINATION POINTS SHALL BE CLEARLY LOCATED WITH A GREEN-TOPPED 4 INCH X 4 INCH STAKE.
9. SIZES SHALL BE AS INDICATED ON THE ENGINEERING PLAN.
10. SANITARY PIPES WITH LESS THAN 4 FEET OR MORE THAN 25 FEET OF COVER SHALL BE CONSTRUCTED OF DUCTILE IRON PIPING (CLASS 50, MINIMUM) AND ENCASED IN POLYWRAP.
11. MANHOLES SHALL BE FURNISHED WITH A SELF-SEALING FRAME AND SOLID COVER WITH THE WORD 'SANITARY' IMPRINTED ON THE COVER IN RAISED LETTERS (SEE STANDARD DETAIL SAN -7). FRAMES AND LIDS SHALL MEET OR EXCEED ASHITO H-20 LOADING SPECIFICATIONS.

- 12. BOTH THE MANHOLE FRAME AND COVER SHALL HAVE MACHINED HORIZONTAL AND VERTICAL BEARING SURFACES. INVERTED MANHOLE FRAMES ARE NOT ALLOWED.
13. PICK HOLES SHALL NOT CREATE OPENINGS IN THE MANHOLE COVER.
14. BOLT-DOWN FRAMES AND COVERS SHALL BE NENAH FOUNDRY B-1916-F, EAST JORDAN IRON WORKS 1040 ZPT OR EQUAL, APPROVED BY THE CITY ENGINEER. FRAMES ARE TO BE BOLTED TO CONE. BOLT-DOWN FRAMES SHALL BE USED WHERE INDICATED ON THE PLANS.
15. MANHOLE FRAMES SHALL BE ADJUSTED TO PROPER GRADE USING REINFORCED, PRECAST CONCRETE OR FIBERIZED RINGS. BRICK OR CONCRETE BLOCKS WILL NOT BE ALLOWED. FIBERIZED ADJUSTING RINGS SHALL BE REQUIRED WHEN FRAME WILL BE WITHIN A ROADWAY AREA. FINAL FRAME ADJUSTMENT FOR MANHOLES WITHIN THE ROADWAY AREA SHALL BE IN ACCORDANCE WITH SECTIONS 602 AND 603 OF STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, PREPARED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, LATEST EDITION.

- 16. ALL MANHOLE FRAMES AND ADJUSTING RINGS SHALL BE SECURELY SEALED TO THE CONE SECTION OR TOP BARREL SECTION OF THE MANHOLE USING RESILIENT, FLEXIBLE, NON-HARDENING, PREFORMED BITUMINOUS MASTIC MATERIAL, CONSEAL 102 B OR APPROVED EQUAL. THE MASTIC SHALL BE APPLIED IN SUCH A MANNER THAT NO SURFACE WATER OR GROUND WATER INFLOW CAN ENTER THE MANHOLE THROUGH GAPS BETWEEN THE TOP BARREL SECTION OR CONE SECTION AND THE FIRST ADJUSTING RING, BETWEEN ADJUSTING RINGS, OR BETWEEN THE LAST ADJUSTING RING AND THE MANHOLE FRAME. UP TO 12 INCHES (300 MM) OF ADJUSTING RINGS MAY BE INSTALLED ON A GIVEN MANHOLE, NO MORE THAN ONE 2" (50 MM) ADJUSTING RING, AND NO MORE THAN TWO ADJUSTING RINGS IN TOTAL SHALL BE USED.
17. A CONTINUOUS LAYER OF NON-HARDENING, PREFORMED BITUMINOUS MASTIC MATERIAL, CONSEAL 102 B OR APPROVED EQUAL SHALL BE APPLIED TO EACH MANHOLE BARREL CONE AND TOP SECTION TO PROVIDE A WATERTIGHT SEAL.

B. WATER MAIN AND SERVICES

- 1. MATERIAL FOR THE WATER MAIN SHALL BE DUCTILE IRON PIPE, WHICH SHALL MEET OR EXCEED THE PERFORMANCE REQUIREMENTS OF ANSI A21.51, CLASS 52 CEMENT LINED, IF SMALLER THAN 3". WATER SERVICE MATERIAL SHALL BE TYPE 'K' COPPER. ALL DUCTILE IRON PIPE IS TO BE ENCASED IN POLYETHYLENE ENCASEMENT.
2. JOINTS:
FOR THE DUCTILE IRON PIPE SHALL BE THE PUSH-ON (BELL-TITE) TYPE

- A. ALL RETAINER GLANDS WHEN REQUIRED TO RESTRAIN VALVES, FITTINGS, HYDRANTS, AND PIPE JOINTS SHALL BE MECHANICAL JOINT WEDGE ACTION TYPE MEGALUG 1100 SERIES AS MANUFACTURED BY EBBA IRON, INC. OR UNI-FLANGE BLOC'RUSTER 1400 SERIES AS MANUFACTURED BY FORD METER BOX CO. AND SHALL BE FOR USE ON DUCTILE IRON PIPE CONFORMING TO ANSI/AWWA C151/A21.51, FOR NOMINAL PIPE SIZES 3" THROUGH 48".
B. EXISTING DUCTILE IRON SYSTEMS FOR RESTRAINING PUSH-ON PIPE BELLS SHALL BE MEGALUG SERIES 1100HD OR FORD SERIES 1390.

- C. EXISTING DUCTILE IRON MECHANISMS REQUIRING RESTRAINT SHALL BE MEGALUG SERIES 1100SD (SPLIT MEGALUG) FOR MECHANICAL JOINTS

- D. 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, RESTRAINTS AND OTHER APPURTENANCES BURIED OR IN VALVE VAULT. 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.

FOR TYPE 'K' COPPER

- A. IF JOINTS ARE REQUIRED DUE TO OF LENGTH OF SERVICE, THEN ONLY COMPRESSION TYPE COUPLINGS SHALL BE PERMITTED. NO SOLDERED OR FLARED TYPE JOINTS ARE ALLOWED.
3. COVER OVER THE PIPE SHALL BE AS INDICATED ON THE ENGINEERING PLANS.

- 4. POLYETHYLENE ENCASEMENT, CONFORMING TO AWWA C105 A21.05-05 SHALL BE PROVIDED FOR ALL DUCTILE IRON PIPE.

- 5. SERVICES SHALL TERMINATE TO WITHIN FIVE (5) FEET FROM THE FACE OF A PROPOSED BUILDING BEING SERVED (MULTI-FAMILY AND COMMERCIAL DEVELOPMENT). THE TERMINATION POINTS SHALL BE CLEARLY LOCATED WITH A BLUE-TOPPED 4-INCH X 4-INCH STAKE.

- 6. SIZES SHALL BE AS INDICATED ON THE ENGINEERING PLAN.
7. STRUCTURES

- A. ALL VALVE BOXES, VAULTS, HYDRANTS, AND MANHOLES SHALL NOT BE COVERED WITH CONSTRUCTION DEBRIS AND SHALL REMAIN ACCESSIBLE TO THE RESPECTIVE UTILITY COMPANY.

- B. THE VALVES LESS THAN 16" SHALL BE STANDARD PATTERN, GATE VALVES, AND SHALL HAVE THE NAME OR MARK OF THE MANUFACTURER, SIZE AND WORKING PRESSURE PLAINLY CAST IN RAISED LETTERS ON THE VALVE BODY. VALVES MAY BE APPROVED FROM ONE OF THE FOLLOWING MANUFACTURERS: AMERICAN, CLOW, WATEROUS OR KENNEDY.

- C. THE CONTRACTOR SHALL ROTATE AND/OR ADJUST ANY EXISTING AND/OR NEW HYDRANT TO THE SATISFACTION OF THE DEPARTMENT OF PUBLIC UTILITIES.

- D. FIRE HYDRANT SHOULD BE BAGGED "NOT IN SERVICE" UNTIL ALL TESTING AND DISINFECTION HAS BEEN COMPLETED AND NEW WATER MAIN SECTION IS IN SERVICE.

- 8. NEW WATER VALVES, INCLUDING PRESSURE TAP VALVES, ADJACENT TO AN EXISTING WATER MAIN, AND EXISTING WATER MAIN VALVES SHALL ONLY BE OPERATED BY THE CITY OF NAPERVILLE, DEPARTMENT OF PUBLIC UTILITIES CEE/CM DIVISION PERSONNEL WITH 48-HOUR NOTICE (MONDAY-FRIDAY), CONTACT NAPERVILLE DPU-W AT 630-420-4122 FOR SCHEDULING.

- 9. ALL BRASS COMPONENTS SHALL BE CERTIFIED TO BE LEAD FREE IN COMPLIANCE WITH NSF 61 AND NSF 372 AND IDENTIFIED WITH APPLICABLE MARKINGS.

- 10. FIRE SERVICE BOXES AND DOMESTIC WATER SERVICES SHALL BE A MINIMUM OF 5' FROM THE BUILDING.

C. STORM SEWER

- 1. MATERIAL SHALL BE:
A. REINFORCED CONCRETE PIPE (RCP), WHICH SHALL MEET OR EXCEED THE PERFORMANCE REQUIREMENTS OF ASTM C-76, CLASS AS INDICATED ON THE ENGINEERING PLANS.

- B. DUCTILE IRON PIPE (DIP), WHERE INDICATED ON THE PLANS, WHICH SHALL MEET OR EXCEED THE PERFORMANCE REQUIREMENTS OF ANSI A21.51, CLASS 50 CEMENT-LINED.

- C. POLYVINYL CHLORIDE PIPE (PVC), WHERE INDICATED ON THE PLANS, WHICH SHALL MEET OR EXCEED THE PERFORMANCE REQUIREMENTS OF ASTM D-2241, SDR-26.
2. JOINTS SHALL BE:
A. FOR RCP: BELL AND SPIGOT TYPE WITH BITUMINOUS MASTIC OR ASTM C 361 GASKETED JOINTS WHERE INDICATED ON THE ENGINEERING PLAN.

- B. FOR DIP: PUSH-ON (BELL-TITE) TYPE ANSI A21.11.
C. FOR PVC, RING-TITE TYPE.
3. BEDDING SHALL BE AS DETAILED ON THE ENGINEERING PLAN.
4. SIZE SHALL BE AS INDICATED ON THE ENGINEERING PLAN.

- D. TRENCH BACKFILL MATERIAL
1. TRENCH BACKFILL MATERIAL SHALL CONSIST OF CA-6 AGGREGATE.
2. ALL TRENCHES UNDER OR WITHIN 2' OF AN EXISTING OR PROPOSED CURB AND/OR PAVEMENT ARE TO BE BACKFILLED WITH TRENCH BACKFILL MATERIAL.

- 3. BACKFILL TRENCHES IN LANDSCAPE AREAS ACCORDING TO THE TYPICAL TRENCH BACKFILL DETAILS.

E. INCIDENTAL TO CONSTRUCTION

- THE UNDERGROUND CONTRACTOR SHALL:
1. ADHERE TO THE CRITERIA FOR THE SEPARATION BETWEEN WATER MAINS AND THE STORM AND SANITARY SEWER LINES AS DESCRIBED IN THE 'TECHNICAL POLICY STATEMENTS', DIVISION OF PUBLIC WATER SUPPLIES, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (SEE STANDARD SPECIFICATIONS).
2. BE RESPONSIBLE TO PLACE ON GRADE, AND COORDINATE WITH OTHER CONTRACTORS, ALL UNDERGROUND UTILITY STRUCTURE FRAMES SUCH AS MANHOLES, CATCH BASINS, AND INLETS.
3. BE AWARE OF POTENTIAL CONFLICTS WITH EXISTING UTILITIES. THE CONTRACTOR SHALL EXCAVATE AROUND THE EXISTING UTILITIES TO DETERMINE THEIR EXACT LOCATION AND ELEVATION PRIOR TO THE CONSTRUCTION OF THE PROPOSED UTILITY IMPROVEMENTS.

- 4. PROVIDE POURED CONCRETE FILLETS CONFORMING TO THE SHAPE OF THE PIPE IN ALL SANITARY AND STORM MANHOLES, AND INLETS.
5. BE RESPONSIBLE FOR MAINTAINING THE TOP OF ANY UTILITY TRENCH AT LEAST TWO (2) FEET AWAY FROM ANY EXISTING OR PROPOSED CURB OR PAVEMENT, IN THOSE INSTANCES WHERE THE TRENCH RUNS PARALLEL TO SAID CURB OR PAVEMENT.

- 6. BE RESPONSIBLE FOR THE DEWATERING OF UTILITY TRENCHES DURING CONSTRUCTION AND PROVIDING THE NECESSARY TRENCH BRACING THAT MAY BE REQUIRED TO ASSURE SAFE WORKING CONDITIONS.
7. REMOVE SOFT MATERIALS THAT MAY BE ENCOUNTERED AT THE PIPE INVERT ELEVATION TO A DEPTH OF AT LEAST ONE (1) FT. BELOW THE BOTTOM OF THE PIPE, AND BACKFILL WITH COMPACTED BEDDING MATERIAL.

- 8. NOT DAMAGE THE ROAD SUBGRADE WITH EXCESSIVE WATER SATURATION FROM HYDRANT FLUSHING, OR FROM LEAKS IN THE WATER DISTRIBUTION SYSTEM. THE COST OF REPAIR FOR SUCH DAMAGE SHALL BE BORNE BY THE CONTRACTOR. HOSES SHOULD BE USED TO DIRECT THE WATER FROM HYDRANT FLUSHING INTO THE STORM SEWER SYSTEM (IF AVAILABLE).

- 9. REPAIR ANY EXISTING FIELD DRAINAGE TILE DAMAGED DURING CONSTRUCTION, AND PROPERLY REROUT 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 DRAWING.

- 10. FURNISH ONE (1) SET OF RECORD DRAWINGS TO THE ENGINEER UPON COMPLETION OF THE SANITARY SEWERS AND WATER MAINS. DRAWINGS SHALL SHOW THE LOCATION OF ALL SANITARY SEWER WYES (MEASURED FROM THE NEAREST DOWNSTREAM MANHOLE), HYDRANTS, VALVES, INDIVIDUAL SERVICE BOXES, AND ALL CROSSINGS WITH OTHER UTILITIES

- 11. BE RESPONSIBLE FOR IMPLEMENTATION OF THE SWPPP AND OF THE 'SOIL EROSION AND SEDIMENTATION CONTROL MEASURES' AS APPLICABLE.

- 12. ANY EXISTING UTILITY STRUCTURES REQUIRING ADJUSTMENT OR RECONSTRUCTION SHALL BE COMPLETED BY THE CONTRACTOR TO THE SATISFACTION OF THE UTILITY OWNER. ADJUSTMENTS AND/OR RECONSTRUCTIONS NOT CALLED FOR ON THE PLANS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. NO MORE THAN A TOTAL OF 12 INCHES OF ADJUSTING RINGS AND/OR 2 ADJUSTING RINGS SHALL BE ALLOWED. ALL STRUCTURE FRAMES SHALL BE FLUSH WITH FINAL GRADE.

- 13. A SET OF AS-BUILT RECORD DRAWINGS SHALL BE GIVEN TO THE CITY OF NAPERVILLE AND OWNER UPON COMPLETION OF IMPROVEMENTS SHOWING THE ELEVATION AND LOCATION (TIED TO TWO POINTS OF ALL NEW AND EXISTING STRUCTURES INCLUDING FIRE HYDRANTS, VALVE BOXES AND VAULTS, LINES/STEP SLEEVES, WATER SERVICE CORPORATION STOPS, WATER MAIN FITTINGS/BENDS, MANHOLES, SANITARY SERVICE WYES (MEASURED FROM DOWNSTREAM MANHOLE), AND ABANDONED WATER OR SANITARY SERVICE LINES. ALL ELEVATIONS SHOULD BE REFERENCED TO THE SAME BENCHMARK DATUM AS THE ORIGINAL DESIGN PLANS. HORIZONTAL THIS SHALL BE REFERENCED TO LOT LINES, BACK OF CURB, OR PROPERTY CORNERS.

- 14. ALL EXCAVATIONS MORE THAN 20 FEET DEEP MUST BE PROTECTED BY A SYSTEM DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER.

- 15. CONTRACTOR SHALL MAINTAIN A TWO FOOT MINIMUM CLEARANCE BETWEEN EXISTING UTILITIES AND NEW FOUNDATIONS AND UNDERGROUND FACILITIES. IN AREAS WHERE FOUNDATIONS AND UNDERGROUND FACILITIES ARE PROPOSED ADJACENT TO EXISTING UTILITIES, THE CONTRACTOR SHALL POT HOLE BY VACUUM EXCAVATION OR HAND EXCAVATION TO LOCATE THE EXISTING UTILITY TO VERIFY MINIMUM CLEARANCE REQUIREMENT.

F. TESTING AND FINAL ACCEPTANCE

- 1. SANITARY SEWER MAINS AND SERVICES SHALL BE CONSTRUCTED, TESTED, AND PLACED INTO SERVICE IN ACCORDANCE WITH THE CITY OF NAPERVILLE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION. SERVICE STUBS MUST BE PROPERLY PLUGGED AND SEALED AND CLEARLY LOCATED AT THEIR TERMINATION POINTS PRIOR TO TESTING. ALL SEWER MAINS AND SERVICE LINES AND MANHOLES SHALL BE CLEAN AND FREE OF DEBRIS PRIOR TO THEIR FINAL ACCEPTANCE.

- 2. SANITARY MANHOLES SHALL BE TESTED FOR LEAKAGE BY VACUUM TESTING. THE MANHOLE FRAME AND ADJUSTING RINGS SHALL BE IN PLACE WHEN TESTING. ANY LEAKS SHALL BE REPAIRED FROM EXTERIOR OF MANHOLE. PATCHING INSIDE OF MANHOLE SHALL NOT BE ACCEPTABLE. A VACUUM OF 17"254 MM HG SHALL BE PLACED ON THE MANHOLE AND THE TIME SHALL BE MEASURED FOR THE VACUUM TO DROP TO 9"(229 MM)HG. THE VACUUM SHALL NOT DROP BELOW 9"(229 MM)HG FOR THE FOLLOWING TIME PERIODS FOR EACH SIZE OF MANHOLE:
a) 48-INCH DIAMETER - 60 SECONDS
b) 60-INCH DIAMETER - 75 SECONDS
c) 72-INCH DIAMETER - 90 SECONDS
d) 84-INCH DIAMETER - 105 SECONDS

- ANY MANHOLES THAT FAIL THE TEST SHALL BE SEALED AND RE-TESTED UNTIL ACCEPTANCE.
3. STORM SEWER AND ALL STORM STRUCTURES SHALL BE CLEAN AND FREE OF DEBRIS PRIOR TO THEIR FINAL ACCEPTANCE.

- 4. WATER MAIN SHALL BE PRESSURE TESTED AT A PRESSURE OF NOT LESS THAN 150 PSI FOR A PERIOD OF 4 HOURS AND MAY NOT VARY BY MORE THAN ±5 PSI DURING THE TEST. THE TEST GAUGE SHALL BE APPROVED BY THE CITY AND SHALL BE GLYCERIN OR OIL FILLED, WITH A RANGE OF MORE THAN 200 PSI AND INCREMENTS NOT GREATER THAN 5 PSI. 4" MINIMUM DIAL SIZE. DISINFECTION OF WATERMAIN SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF NAPERVILLE SPECIFICATIONS. ALL VALVE VAULTS SHALL BE CLEAN AND FREE OF DEBRIS AND WATER, AND INDIVIDUAL SERVICE BOXES SHALL BE VISIBLE AND CLEARLY LOCATED PRIOR TO THEIR FINAL ACCEPTANCE.

- 5. ALL VALVE BOXES, VAULTS, HYDRANTS, AND MANHOLES SHALL NOT BE COVERED WITH CONSTRUCTION DEBRIS AND SHALL REMAIN ACCESSIBLE TO THE RESPECTIVE UTILITY COMPANY.

4. LANDSCAPE IMPROVEMENTS

- 1. TREES SHALL BE INSTALLED A MINIMUM OF FIVE (5) FEET HORIZONTALLY FROM UNDERGROUND ELECTRICAL FEEDERS, SANITARY SEWERS, SANITARY SERVICES, WATER MAINS, AND WATER SERVICES.

- 2. TREES SHALL BE INSTALLED A MINIMUM OF (10) FEET HORIZONTALLY FROM UTILITY STRUCTURES AND APPURTENANCES, INCLUDING, BUT NOT LIMITED TO, MANHOLES, VALVE VAULTS, VALVE BOXES AND FIRE HYDRANTS.

- 3. NO TREES, SHRUBS OR OBSTACLES WILL BE ALLOWED 10 FEET IN FRONT OF, 5 FEET ON THE SIDES, AND 7 FEET TO THE REAR OF THE ELECTRICAL TRANSFORMER.

- 4. FENCES SHALL BE INSTALLED A MINIMUM OF 5 FEET FROM ANY WATER OR SANITARY MAINS WHEN RUNNING PARALLEL WITH THEM. WHERE FENCES ARE INSTALLED CROSSING WATER OR SANITARY MAINS, THE POSTS SHALL BE LOCATED TO HAVE THE MAIN BETWEEN THEM.

Table with 5 columns: REVISIONS, DATE, BY, DESCRIPTION, DATE, BY, DESCRIPTION. Includes rows for 10-01-22, 12-15-22, and 02-06-23.

Project information including DRAWN BY: DJ, CHECKED BY: WDJ, APPROVED BY: WDJ, DATE: 10-01-22, and logo for DJA CIVIL ENGINEER & SURVEYOR.

CLIENT: NITA ESTATES, LLC, 3804 NANNYBERRY COURT, NAPERVILLE, ILLINOIS 60564

TITLE: GENERAL NOTES & SPECIFICATIONS DESIGN POINTE, 1336 ILLINOIS ROUTE 59, NAPERVILLE, ILLINOIS 60563

SCALE: NONE, DATE: 10-01-22, JOB NO: 0000, SHEET 10 OF 10