

Title	Hamilton Reservoir	12/12/2024
	by Jim Holder in Member District ADA Project Request	id. 49067003
	250 E Wood Street Palatine, Illinois 60067 United States 847-705-5131 ADAProjects@palatineparks.org	

Original Submission	12/12/2024
----------------------------	------------

Score	n/a
Name	Jim Holder
Job Title	Director of Parks & Planning
E-mail Address	adaprojects@palatineparks.org
Phone Number	847-705-5131
Park District	Palatine
Project Location	Hamilton Reservoir
Project Status	Alteration
Project Type	Routes and Surfaces
Routes and Surfaces- select a Project Category below:	Accessible Routes- Means of Egress Curb Ramps Parking Spots Walking Surfaces
Benefits of the Project	Allows individuals with mobility issues to access the park from the parking lot. It includes handicapped parking area improvements and access the park site amenities.
Items that will become ADA Compliant	Handicapped parking areas and access to park amenities.
The project is designed or constructed, or applies human resources, to comply with:	The 2010 Standards for Accessible Design The Illinois Accessibility Code Agency's ADA Transition Plan

Upload Project Related Files, Photos, Videos or Audio

- [01_Hamilton_Paving_ADA_Calculations.pdf](#)
- [02_Plan_Set-Hamilton_South_Parking_Lot_2024.03.22.pdf](#)
- [03_Chicagoland_Payout_3_fn.pdf](#)
- [04_Agreement_Chicagoland_Contractor_Signed.pdf](#)
- [05_GHA_Signed_Contract.pdf](#)

Budget Table for ADA Related Expenses

[Budget Table.xlsx](#)

ADA Dollars	37766.07
Requested	

Notes related to
requested amount

PALATINE PARK DISTRICT HAMILTON PARK 2024 SOUTH PARKING LOT IMPROVEMENTS

HAMILTON PARK 1103 NORTH SMITH STREET PALATINE, ILLINOIS 60067

STANDARD SYMBOLS

FEATURE	EXISTING	PROPOSED
BUFFALO BOX		
BUSH/SHRUB		
CATCH BASIN		
CLEANOUT		
COMBINE SEWER LINE		
CONTOUR		
CULVERT		
DITCH/SWALE		
ELECTRIC LINE		
ELECTRIC MANHOLE		
FENCE		
FIRE HYDRANT		
FLARED END SECTION		
GAS LINE		
GAS MANHOLE		
GAS VALVE		
INLET		
LIGHT POLE		
OVERHEAD WIRES		
POWER POLE		
R.O.W LINE		
R.O.W MARKER		
SANITARY FORCEMAIN LINE		
SANITARY SEWER LINE		
SANITARY SEWER MANHOLE		
SIGN		
SPOT ELEVATION		
STORM SEWER LINE		
STORM SEWER MANHOLE		
TELEPHONE LINE		
TELEPHONE MANHOLE		
TELEPHONE BOX/PEDESTAL		
TREE-CONIFEROUS (SIZE/TAG#)		
TREE-DECIDUOUS (SIZE/TAG#)		
VALVE BOX		
VALVE VAULT		
WATER VALVE		
WATERMAIN LINE		

EXISTING UTILITIES: WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES, SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE ENGINEER AS TO THE LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY WHATEVER IN RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS RELATIVE TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES OR THE MANNER IN WHICH THEY ARE TO BE REMOVED OR ADJUSTED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES. HE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES, DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR REMOVING OR ADJUSTING THEM.

CONTRACTOR IS RESPONSIBLE FOR CONTACTING J.U.L.I.E. AT 1-800-892-0123 AND MUST ACQUIRE A DIG NUMBER A MINIMUM OF 72 HOURS PRIOR TO ANY WORK BEING DONE.

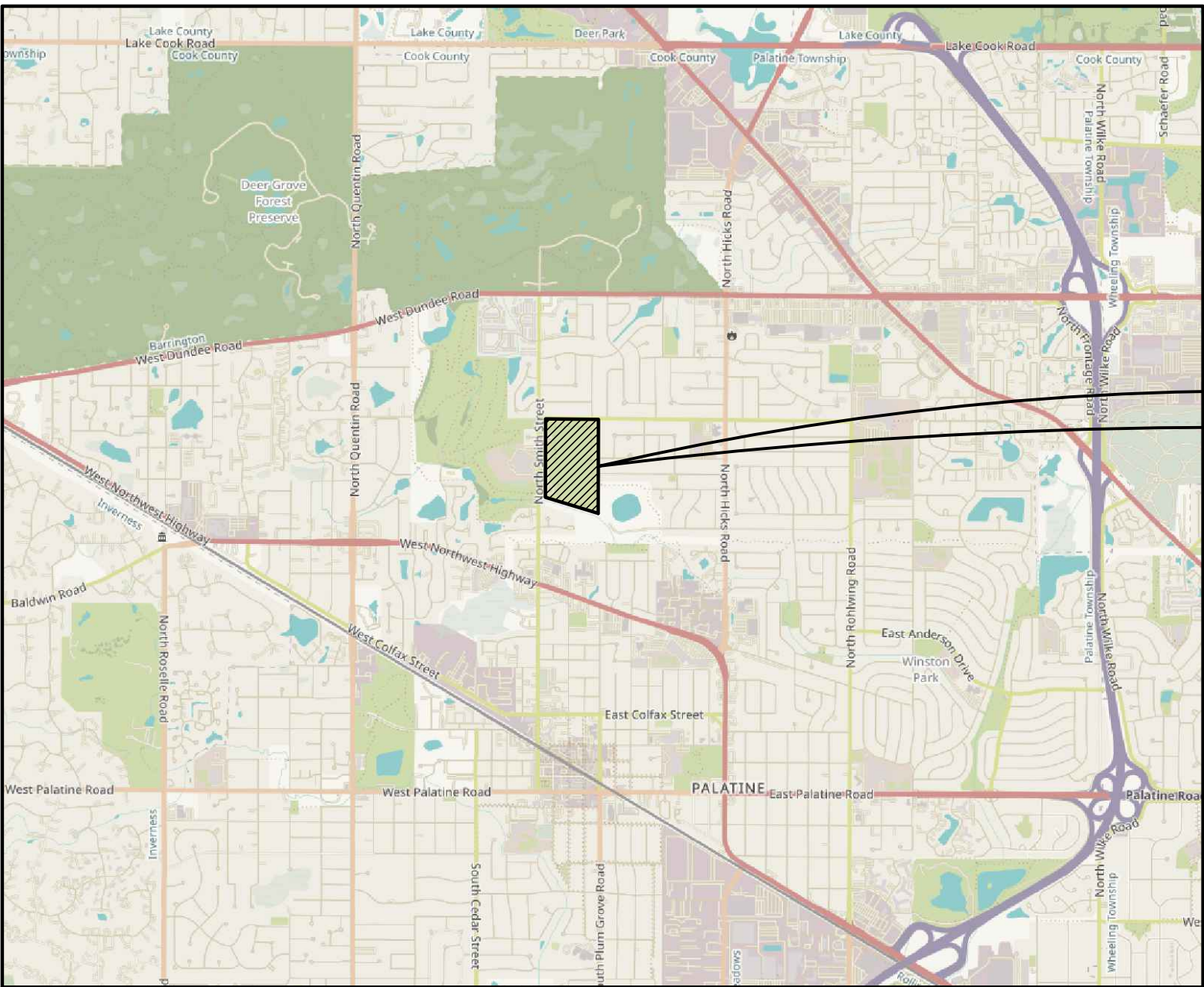
NOTE: CONSTRUCTION MEANS, METHODS AND JOB SITE SAFETY IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR

J.U.L.I.E.

JOINT
UTILITY
LOCATION
INFORMATION FOR
EXCAVATION
CALL 811



Know what's below.
Call before you dig.



PROJECT LOCATION

1103 N SMITH ST
PALATINE, ILLINOIS 60067

LOCATION MAP (Not to Scale)

BENCHMARK:

ELEVATIONS SHOWN HEREON ARE OBTAINED VIA GPS USING TRIMBLE VRS NOW (NO PUBLISHED MONUMENT VERIFIED)
DATUM: NAVD88

CONTROL POINTS:

Point #	Northing	Easting	Elevation	Description
34	189.23	-509.39	757.72	CP34 SMNSW
35	48.79	-56.04	760.20	CP35 SMN

TOPOGRAPHIC SURVEY BY:

GEWALT HAMILTON ASSOCIATES, INC.
625 FOREST EDGE DRIVE
VERNON HILLS, ILLINOIS 60061
TELEPHONE: 847-478-9700

PROFESSIONAL DESIGN FIRM LICENSE:

GEWALT HAMILTON ASSOCIATES, INC.
DESIGN FIRM - LAND SURVEYOR/PROF ENG
LICENSE NUMBER: 184.000922-0010
EXPIRES: 6/30/2025

PLANS PREPARED FOR:

PALATINE PARK DISTRICT
1103 N SMITH STREET
PALATINE, ILLINOIS 60067
TELEPHONE: 847-359-2079

COORDINATING/PERMITTING AGENCIES

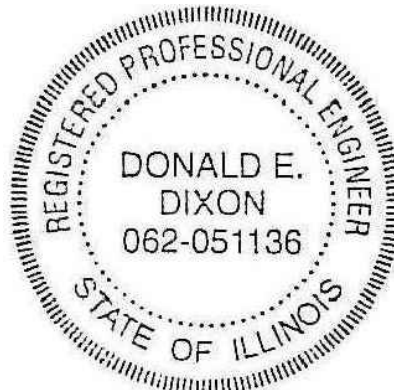
VILLAGE OF PALATINE 1-947-202-6963

SIGNED: DONALD E. DIXON P.E.

DATE: MARCH 22, 2024

ILLINOIS LICENSE NO.: 062-051136

EXPIRATION DATE: NOVEMBER 30, 2025



ISSUED FOR PERMIT



625 Forest Edge Drive ■ Vernon Hills, IL. 60061
TEL 847.478.9700 ■ FAX 847.478.9701

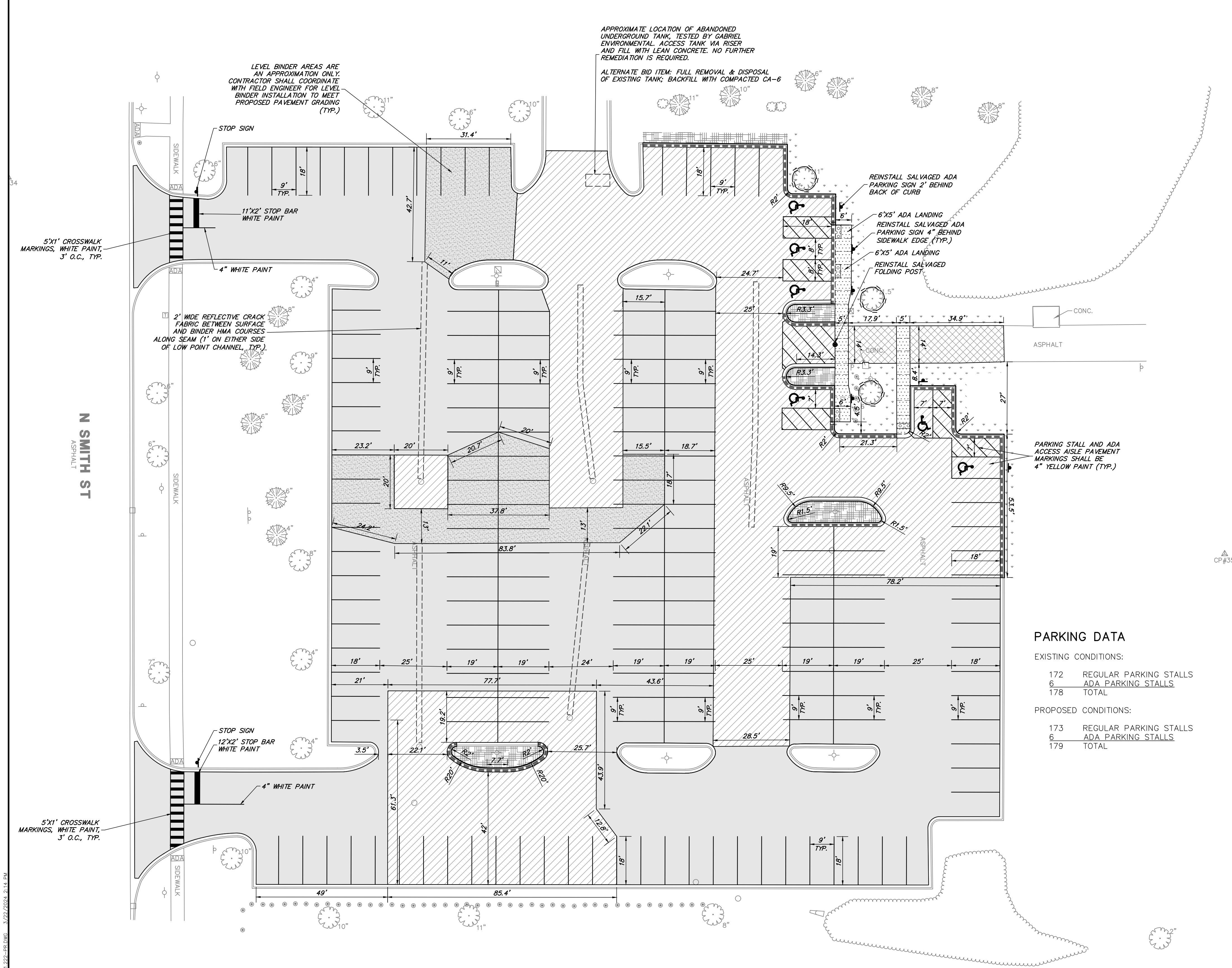
COPYRIGHT NOTICE

This drawing is the property of Gewalt-Hamilton Assoc., Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from Gewalt-Hamilton Associates, Inc.

TITLE SHEET

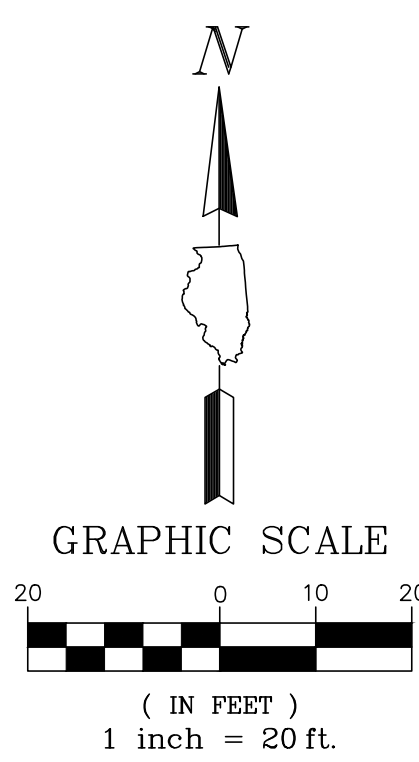
PALATINE PARK DISTRICT
HAMILTON PARK - 2024 SOUTH PARKING LOT IMPROVEMENTS
1103 NORTH SMITH STREET, PALATINE, ILLINOIS 60067

FILE: 5241.222-DT.dwg	SHEET NUMBER:
DRAWN BY: TLM DATE: 03-22-24	GHA PROJECT # 5241.222
CHECKED BY: DED DATE: 03-22-24	SCALE: N.A.
NO. BY DATE REVISION	NO. BY DATE REVISION
1	1
OF 8 SHEETS	



PROPOSED LEGEND

- HMA SURFACE COURSE (2")
- MEDIUM-DUTY HMA PAVEMENT
- HMA PATHWAY PAVEMENT
- PCC SIDEWALK
- LEVEL BINDER
- LANDSCAPE RESTORATION IN KIND
- GRASS RESTORATION TOPSOIL & SEED
- B6.12 CURB & GUTTER (ADA DEPRESSED)
- B6.12 CURB & GUTTER (REGULAR)
- B6.12 CURB & GUTTER (REVERSE PITCH)
- SIGN
- DETECTABLE WARNINGS
- TREE TRUNK PROTECTION FENCE



GEOMETRIC AND PAVING PLAN

- ALL PAVEMENT DIMENSIONS ARE TO EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. E=EDGE OF PAVEMENT, B=BACK OF CURB, F=FACE OF CURB. RADII DIMENSIONS ARE TO BACK OF CURB.
- INSTALL ALL CURB AND SIDEWALK AS SHOWN. NOTE SOME CURBS REQUIRE REVERSE PITCH GUTTER. DOWEL NEW SIDEWALK AND CURB TO EXISTING AND PROPOSED CURBS PER GENERAL NOTES. WHEN CONSTRUCTING A CARRIAGE WALK, THE PROPOSED SIDEWALK CONTRACTION AND EXPANSION JOINTS SHALL ALIGN WITH EXISTING CURB JOINTS.
- PROVIDE 1.90% CROSS SLOPE AND 4.5% MAXIMUM LONGITUDINAL SLOPE ON ALL SIDEWALKS AND PEDESTRIAN PATHWAYS UNLESS OTHERWISE INDICATED. ILLINOIS ACCESSIBILITY CODE REQUIRES A MAXIMUM CONSTRUCTED CROSS SLOPE OF 2.00% AND LONGITUDINAL SLOPE OF 5.00%.
- INSTALL BITUMINOUS PAVEMENT AS SHOWN. REFER TO DETAIL SHEET FOR SPECIFIC PAVEMENT SECTIONS AND GENERAL NOTE SHEET FOR CONSTRUCTION, TESTING AND COMPACTION REQUIREMENTS.
- INSTALL PCC PAVEMENT AS SHOWN. REFER TO DETAIL SHEET FOR SPECIFIC PAVEMENT SECTION AND GENERAL NOTES FOR CONSTRUCTION, TESTING AND COMPACTION REQUIREMENTS.
- ALL PARKING LOT STALL MARKINGS SHALL BE 4" YELLOW PAINT AND ALL OTHER PARKING LOT PAVEMENT MARKINGS SHALL BE PAINT, COLOR AS NOTED, IN ACCORDANCE WITH SECTION 780 OF THE IDOT STANDARD SPECIFICATIONS. (TWO SINGLE APPLICATIONS, 16 MILS EACH REQUIRED). SITE PAVEMENT MARKING SHALL BE COORDINATED WITH SITE ENGINEER. CONTRACTOR SHALL NOTIFY SITE ENGINEER 48 HRS PRIOR TO INSTALLING PAVEMENT MARKING.
- FOR HANDICAPPED STALL MARKINGS, REFER TO HANDICAPPED PARKING STALL AND SIGN DIMENSIONING DETAIL.
- INSTALL NEW SIGNS AND HANDICAPPED PARKING SIGNS USING 2" GALVANIZED SQUARE TUBE POST AND TELESCOPING POST SLEEVE PER IDOT STANDARD.
- CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROL SEED AND BLANKET AS NECESSARY TO MEET SOIL EROSION AND SEDIMENT CONTROL REQUIREMENTS. REFER TO NOTES AND DETAILS THROUGHOUT THE PLAN SET FOR SPECIFIC MATERIAL REQUIREMENTS.
- FOR FINAL RESTORATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL DISTURBED TURF AREAS AND PROPOSED TURF AREAS AS FOLLOWS:
 - PRIOR TO PLACEMENT OF TOPSOIL RESTORATION AREA SUBGRADE MATERIAL SHALL BE ROTOTILLED AND RE-COMPACTED TO A MAXIMUM OF 80% STANDARD PROCTOR TO A DEPTH OF 6".
 - SPREAD A MINIMUM OF 6" OF EXISTING SITE SALVAGED SCREENED TOPSOIL OR NEW PULVERIZED TOPSOIL ON ALL DISTURBED AREAS. COMPACT TO 80% STANDARD PROCTOR.
 - TOPSOIL MUST BE FREE OF LITTER, BRUSH, ROCKS AND EARTH CLODS OF GREATER THAN 1 INCH IN ANY DIMENSION. CONTAIN BETWEEN 1%-10% ORGANIC MATTER, 12%-50% CLAY, AND LESS THAN 55% SAND CONTENT. PH SHALL BE BETWEEN 6.0 AND 8.0.
 - SEED RESTORATION AREAS AS FOLLOWS:
 - IDOT CLASS 1 SEED. (LAWN MIXTURE)
 - FERTILIZER SHALL BE APPLIED FOLLOWING IDOT REQUIREMENTS.
 - EROSION CONTROL BLANKET SHALL BE NORTH AMERICAN GREEN S75 OR APPROVED EQUAL INSTALLED FOLLOWING MANUFACTURER GUIDELINES.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THE RESTORED AREA PER IDOT SPECIFICATIONS FOR A DURATION OF 30 DAYS PRIOR TO THE OWNER'S FINAL REVIEW AND ACCEPTANCE. IF RESTORATION HAS NOT SHOWN A "CATCH" OR UNIFORM STAND, THE CONTRACTOR SHALL REPEAT RESEEDING OR RESODDING UNTIL A UNIFORM STAND IS ACHIEVED.
- ONCE RESTORATION HAS BEEN COMPLETED, THE CONTRACTOR SHALL REMOVE EROSION CONTROL DEVICES. SILT FENCE TRENCHES SHALL BE BACKFILLED AND RESTORED IN KIND. STORM STRUCTURES SHALL BE CLEANED OF DEBRIS.
- INSTALL PARKING LOT AND CONCRETE PAVEMENT AS SHOWN. WHERE A CLASS-D PATCH IS INDICATED, THE EXISTING STONE BASE SHALL BE REGRADED TO MEET THE 6" ASPHALT DEPTH AND RECOMPACTED AND PROOF ROLLED PRIOR TO REPAVING.
- ALL B6.12 CURB AND GUTTER CONTRACTION JOINTS SHALL BE SAWCUT A MINIMUM OF 2" DEEP WITHIN 12 HOURS OF POUR.
- LEVELING BINDER SHOULD BE USED WHERE NECESSARY IN 2" HMA SURFACE REMOVAL AREA TO BRING PROPOSED PAVEMENT SURFACE TO PROPOSED GRADES AS INDICATED ON THE GRADING PLAN.
- CLASS-D PATCH AREAS MAY REQUIRE REMOVAL OF EXISTING OR ADDITION OF NEW CA-6 BASE AGGREGATE TO BRING PAVEMENT SURFACE TO PROPOSED GRADES (SEE GRADING PLAN AND DETAILS).

PARKING DATA

EXISTING CONDITIONS:

172	REGULAR PARKING STALLS
6	ADA PARKING STALLS
178	TOTAL

PROPOSED CONDITIONS:

173	REGULAR PARKING STALLS
6	ADA PARKING STALLS
179	TOTAL

NOTE:
CONTRACTOR SHALL COORDINATE SPOT REPAIRS AND CURB REPLACEMENT WITH ON-SITE ENGINEER

GEWALT HAMILTON

ASSOCIATES, INC.

625 Forest Edge Drive

Vernon Hills, IL. 60061

TEL 847.478.9700

FAX 847.478.9701

COPYRIGHT NOTICE
This drawing is the property of Gewalt-Hamilton Assoc., Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from Gewalt-Hamilton Associates, Inc.

GEOMETRIC PLAN

PALATINE PARK DISTRICT

HAMILTON PARK - 2024 SOUTH PARKING LOT IMPROVEMENTS

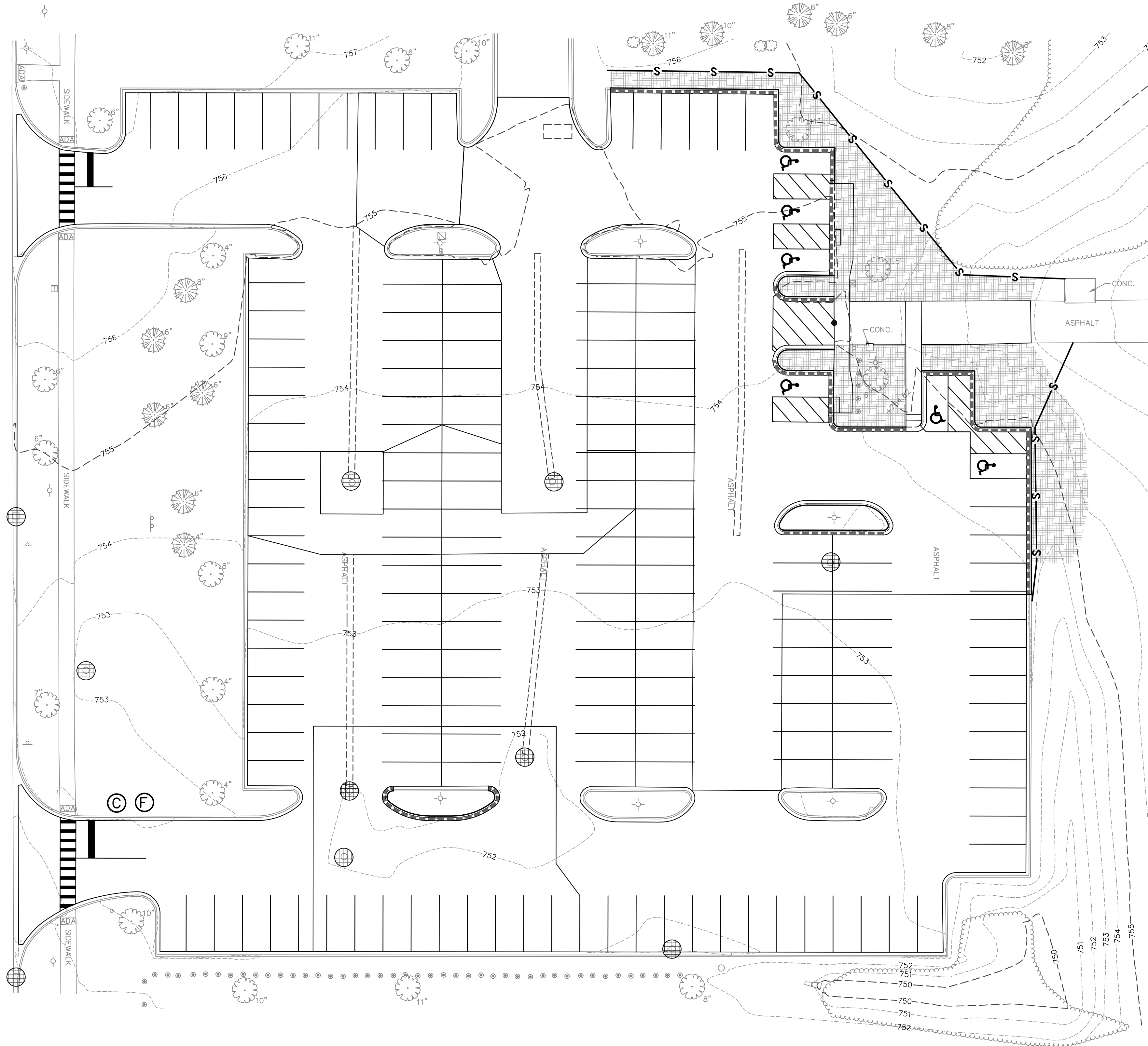
1103 NORTH SMITH STREET, PALATINE, ILLINOIS 60067

								FILE: 5241.222-PR.dwg				SHEET NUMBER: 3 OF 8 SHEETS
								DRAWN BY: TLM		GHA PROJECT #		
								DATE: 03-22-24		5241.222		
								CHECKED BY: DED		SCALE:		1"=20'
								DATE: 03-22-24				
NO.	BY	DATE	REVISION	NO.	BY	DATE	REVISION					

								FILE: 5241.222-PR.dwg DRAWN BY: TLM DATE: 03-22-24 GHA PROJECT # 5241.222				SHEET NUMBER: <div style="font-size: 2em; font-weight: bold; text-align: center;">4</div>	
								CHECKED BY: DED DATE: 03-22-24 SCALE: 1"=20'				OF 8 SHEETS	
NO.	BY	DATE	REVISION	NO.	BY	DATE	REVISION						

34
S:\2024\5241.222 - HAMILTON PARK SOUTH PARKING LOT IMPROVEMENTS - 5/22/2024 2:14 PM

N SMITH ST
ASPHALT



SESC LEGEND

- TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH, 6" MIN.
SEEDING, CLASS 7
- EROSION CONTROL BLANKET NAG S75 (4:1 SLOPES)
- S - SILT FENCE INSTALLATION
- ⊗ - STORM SEWER INLET PROTECTION:
- INLET FILTER BASKET
- INLET FILTER BASKET & COIR LOG
- F - PORTABLE RESTROOM FACILITY
- C - CONCRETE WASHOUT

SEDIMENTATION AND EROSION CONTROL NOTES

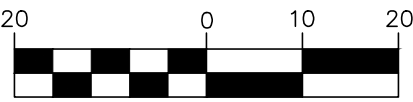
- A. THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THE SOIL REOSION AND SEDIMENT CONTROL PLANS, THE STANDARD DETAILS, THE PLAN NARRATIVE, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
- B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE (SWPPP) AND THE ILLINOIS GENERAL CONSTRUCTION PERMIT (ILR10) AND BECOME FAMILIAR WITH THEIR CONTENTS AND SIGN THE CERTIFICATION FORMS.
- C. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY, PROJECT ENGINEER OR OWNER.
- D. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
- E. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
- F. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- H. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- I. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED. WATER USE MUST NOT CAUSE ADDITIONAL EROSION.
- J. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- K. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE (SWPPP), SHALL BE INITIATED AS SOON AS PRACTICABLE.
- L. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT, WASHING SHALL BE IMPLEMENTED AND PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- M. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED BY THE END OF THE DAY.
- N. ON-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- O. ERODIBLE STOCKPILES MUST BE ENCLOSED WITH SILT FENCE BY THE END OF THE WORK DAY.
- P. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- Q. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
- R. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES
- S. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- T. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 7 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
- U. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL ULTIMATELY BE RESPONSIBLE FOR MAINTAINENCE AND REPAIR.
- V. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (e.g. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).
- W. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

SEQUENCE OF MAJOR ACTIVITIES

1. OWNER FILES NOTICE OF INTENT (NOI) AT LEAST 30 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION OPERATIONS.
2. INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- ORANGE CONSTRUCTION FENCING AND/OR SILT FENCE AROUND WETLANDS AND OTHER AREAS NOT TO BE DISTURBED.
 - PERIMETER SILT FENCE.
 - STABILIZED CONSTRUCTION ENTRANCE WITH WASH RACK.
 - INLET PROTECTION ON EXISTING STRUCTURES CLOSE TO THE DISTURBED AREA.
3. CONTRACTOR PERFORMS WEEKLY AND "AFTER RAIN EVENT" INSPECTIONS STARTING UPON DISTURBANCE OF THE SITE (DEMOLITION OR INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL MEASURES).
4. DEMOLITION
5. STRIP TOPSOIL, STOCK TOPSOIL AND GRADE SITE.
6. TEMPORARY CONTAINMENT OF SOIL/AGGREGATE STOCKPILES (SEED AND SILT FENCE AROUND TOE OF SLOPE).
7. INSTALL UTILITIES AND ASSOCIATED INLET & OUTLET PROTECTION.
8. CONSTRUCT PAVEMENT.
9. FINE GRADE.
10. INSTALL TOPSOIL, SEED, AND PERMANENT EROSION CONTROL.
11. REMOVE TEMPORARY EROSION CONTROL MEASURE - ONLY - WHEN SITE HAS ACHIEVED FULL STABILIZATION.
12. OWNER TO FILE NOTICE OF TERMINATION (NOT).



GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

GHA **GEWALT HAMILTON**
ASSOCIATES, INC.
625 Forest Edge Drive ■ Vernon Hills, IL. 60061
TEL 847.478.9700 ■ FAX 847.478.9701

COPYRIGHT NOTICE
This drawing is the property of Gewalt-Hamilton Assoc., Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from Gewalt-Hamilton Associates, Inc.

SOIL EROSION AND SEDIMENT CONTROL PLAN

PALATINE PARK DISTRICT
HAMILTON PARK - 2024 SOUTH PARKING LOT IMPROVEMENTS
1103 NORTH SMITH STREET, PALATINE, ILLINOIS 60067

NO.		BY	DATE	REVISION		NO.		BY	DATE	REVISION		FILE: 5241.222-PR.dwg	SHEET NUMBER: 7 OF 8 SHEETS
												DRAWN BY: TLM DATE: 03-22-24	
												CHECKED BY: DED DATE: 03-22-24	
												GHA PROJECT # 5241.222	
												SCALE: 1"=20'	

- ALL CONSTRUCTION SHALL BE PERFORMED ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" LATEST EDITION, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION, THE ILLINOIS PLUMBING CODE, THE DETAILS IN THESE PLANS, THE CONTRACT DOCUMENTS, ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE IEPA AND ORDINANCES OF AUTHORITIES HAVING JURISDICTION AND ALL ADDENDA THERETO.
2. EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
3. WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE PRIOR TO ORDERING MATERIALS. IN ADDITION, THE CONTRACTOR MUST VERIFY THE LINE AND GRADES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS/HER OWN RISK AND EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR ANY COSTS INCURRED..
5. ALL PAVEMENT DIMENSIONS ARE SHOWN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
6. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
7. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.
8. IF DURING CONSTRUCTION THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS OR UNDERDRAINS OTHER THAN THOSE SHOWN ON THE PLANS, HE/SHE SHALL INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED AT THE CONTRACTOR'S OWN EXPENSE.
9. THE CONTRACTOR SHALL PROVIDE TEMPORARY TOILET FACILITIES AND HAND SANITIZING STATIONS FOR THE USE OF ALL THE CONTRACTORS PERSONNEL EMPLOYED ON THE WORK SITE. THE FACILITIES SHALL BE MAINTAINED IN PROPER SANITARY CONDITION THROUGHOUT THE PROJECT. THE LOCATION OF THE TEMPORARY FACILITIES SHALL BE APPROVED BY THE ENGINEER.
10. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE NPDES PERMIT AND SWPPP MANUAL. IF NO NPDES PERMIT OR SWPPP MANUAL IS NEEDED FOR THE PROJECT THE CONTRACTOR SHALL PERFORM SOIL EROSION SEDIMENT CONTROL BEST PRACTICES OR AS DIRECTED BY THE OWNER TO PREVENT ILLICIT DISCHARGES FROM THE SITE.

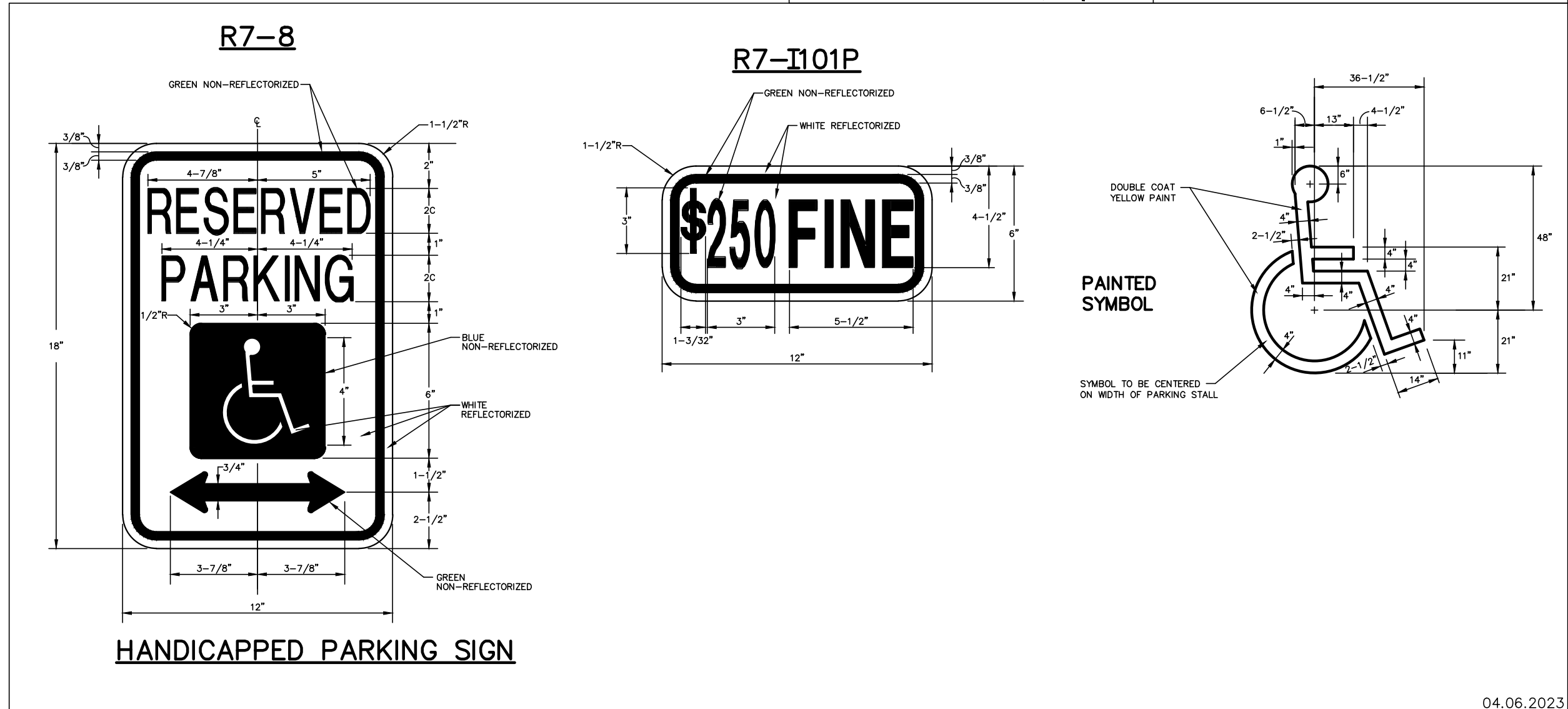
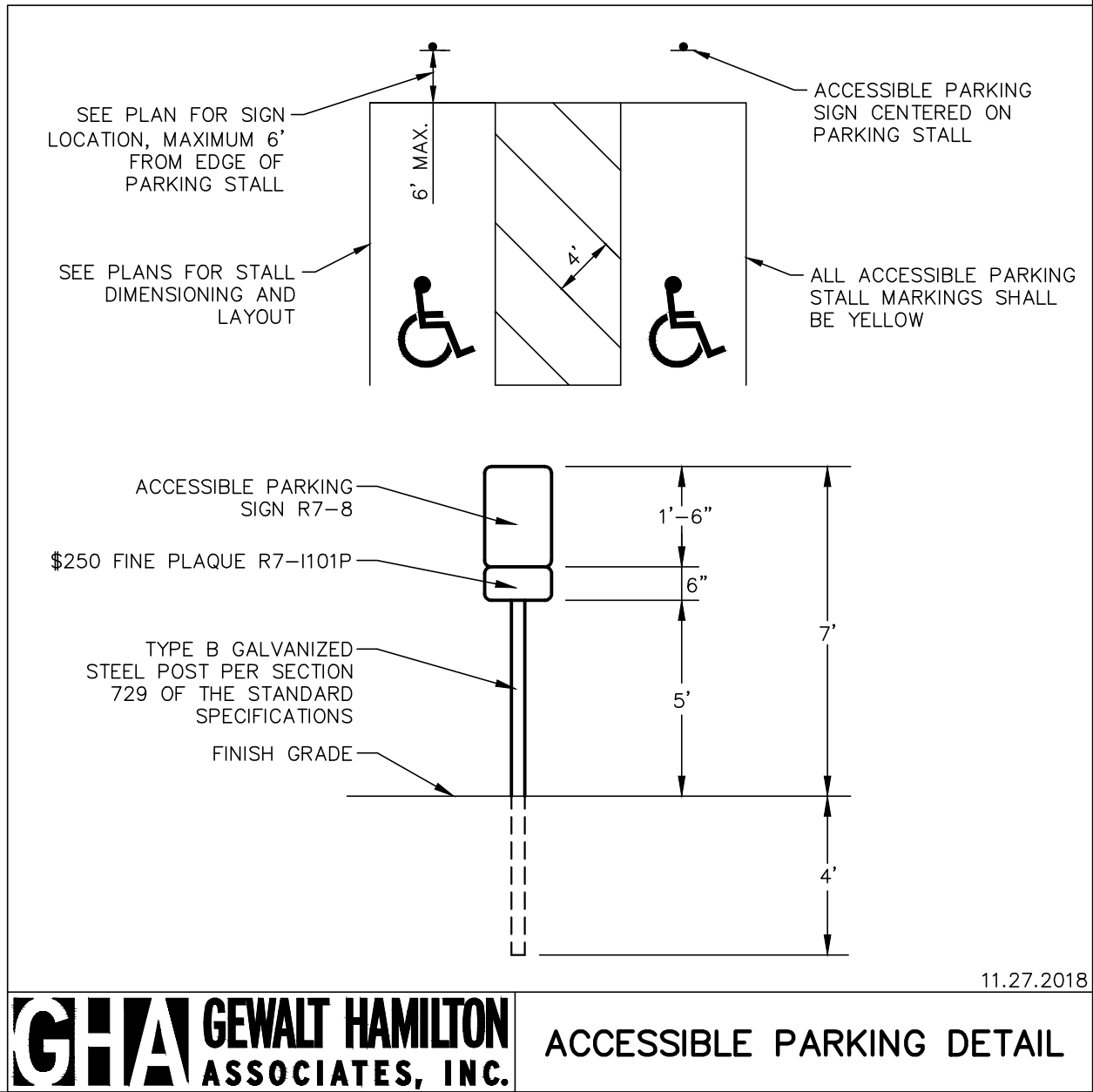
CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD) MATERIAL DISPOSAL

WORK UNDER THIS ITEM SHALL BE PERFORMED IN COMPLIANCE WITH THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) GUIDELINES IN EFFECT AT THE TIME OF CONSTRUCTION. THE CONTRACTOR WILL BE REQUIRED TO MAKE ALL ARRANGEMENTS FOR COORDINATION AND SUBMISSION OF THE NECESSARY DOCUMENTS WITH THEIR CHOSEN CCDD OR OTHER SUITABLE DISPOSAL FACILITY. WRITTEN CONFIRMATION OF PRELIMINARY APPROVAL MUST BE PROVIDED FROM THE DISPOSAL FACILITY AND CONFIRMED BY THE OWNER AS ACCEPTABLE. ALL SURPLUS, CLEAN MATERIAL GENERATED FROM THE CONTRACTOR'S ACTIVITIES MUST BE DISPOSED OF AT AN IEPA PERMITTED CCDD OR OTHERWISE ACCEPTABLE FACILITY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING DOCUMENTATION TO THE OWNER FOR EACH LOAD HAULED OFF-SITE SHOWING THE QUANTITY OF MATERIAL AND THE LOCATION THE MATERIAL WAS DISPOSED OF. NO EXTRA COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY EXPENSES INCURRED COMPLYING WITH THESE REQUIREMENTS INCLUDING BUT NOT LIMITED TO: DELAYS, INCONVENIENCE, OR INTERRUPTIONS IN THE WORK RESULTING FROM COMPLIANCE WITH THESE REQUIREMENTS. ALL COSTS ASSOCIATED WITH MATERIAL TESTING AND DISPOSAL SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

- THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS THAT INCLUDE: CRITICAL SPOT GRADES SUCH AS OVERFLOW ELEVATIONS, SPOT ELEVATIONS NEAR ENTRANCES, SPOT ELEVATIONS ALONG THE DESIGNATED ADA ROUTE, SUFFICIENT INFORMATION SUCH THAT THE ENGINEER MAY VERIFY RIM AND INVERT ELEVATIONS OF ALL SEWERS, RIM ELEVATIONS OF ALL WATER MAIN STRUCTURES AFFECTED BY CONSTRUCTION, LOCATIONS OF ALL INSTALLED UNDERGROUND UTILITIES, AND ALL FIELD CHANGES FROM THE APPROVED DRAWINGS.
2. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE GUARANTEED BY THE CONTRACTOR AND HIS SURETY FOR A PERIOD OF 12 MONTHS FROM THE DATE OF INITIAL ACCEPTANCE OF THE WORK BY THE OWNER AGAINST ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF WHATEVER NATURE.
3. ALL CONSTRUCTION WILL BE INSPECTED BY THE OWNER'S REPRESENTATIVE. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE MUNICIPALITY AS WELL AS THE STANDARD SPECIFICATIONS.
4. CONTRACTOR SHALL NOTIFY **THE VILLAGE OF PALATINE (847-358-7500) AND THE PROJECT ENGINEER (847-478-9700)** AT LEAST 72 HOURS PRIOR TO BEGINNING ANY WORK ON THIS PROJECT.
5. THE CONTRACTOR SHALL INDEMNIFY THE OWNER, ENGINEER, THE MUNICIPALITY AND THEIR AGENTS, FROM ALL LIABILITY INCURRED IN CONSTRUCTION, INSTALLATION AND TESTING OF THE WORK ON THIS PROJECT.
6. THE CONTRACTOR MUST CARRY INSURANCE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. ALL OFFICIALS, EMPLOYEES AND AGENTS OF GEWALT HAMILTON ASSOCIATES MUST BE LISTED AS ADDITIONAL INSURED.
7. ALL ELEVATIONS ARE ON **NAVD 88** VERTICAL DATUM.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL TO ADEQUATELY INFORM AND PROTECT THE PUBLIC OF ALL CONSTRUCTION OPERATIONS.
9. PRIOR TO PLACEMENT OF FABRIC AND STONE, THE SUBGRADE SHALL BE PROOF-ROLLED IN THE PRESENCE OF THE ENGINEER. PROOF-ROLLING SHALL BE DONE USING A THREE AXLE DUMP TRUCK TOGETHER WITH LOAD WEIGHING AT LEAST TWENTY-FIVE (25) TONS. THE LOAD SHALL BE UNIFORMLY PLACED IN THE DUMP BODY. ALL DEFICIENCIES SHALL BE REPAIRED AND RE-PROOF-ROLLED UNTIL FOUND ACCEPTABLE TO THE ENGINEER.
10. CRUSHED CONCRETE IS NOT PERMITTED FOR USE ON THE PROJECT UNLESS PRIOR WRITTEN NOTICE IS GIVEN BY THE ENGINEER.
11. ALL STONE USED ON THE PROJECT SHALL BE CRUSHED UNLESS SPECIFICALLY NOTED OTHERWISE.
12. ALL CONCRETE SHALL HAVE A LIGHT BROOM FINISH APPLIED WITHIN 1 HOUR OF FINAL STRIKING.
13. ALL CONCRETE SHALL CONSIST OF PORTLAND CEMENT CONCRETE MEETING REQUIREMENTS OF SECTION 1020. ALL SIDEWALKS, CURBS AND POST FOUNDATIONS SHALL BE CLASS SI 3,500 PSI @ 14 DAYS. ALL PAVEMENT SHALL BE CLASS PV 3,500 PSI @ 14 DAYS. WHERE NOTED ON THE PLANS HIGH EARLY CONCRETE SHALL BE CLASS PV TYPE III 3,500 PSI CONCRETE @ 3 DAYS. ALL CONCRETE REQUIRING A CURE TIME FASTER THAN 3 DAYS SHALL HAVE A MIX DESIGN SUBMITTED TO THE ENGINEER FOR APPROVAL. WHEN REQUIRED BY THE MUNICIPALITY, FLY ASH SHALL NOT BE USED IN THE MIX DESIGN. SLUMP SHALL BE 2-4" AND AIR CONTENT SHALL BE BETWEEN 5-8% UNLESS MODIFIED BY ARTICLE 1020.04.
14. ALL CONCRETE SHALL HAVE A WHITE, IDOT TYPE 3 CURING COMPOUND APPLIED TO THE SURFACE WITHIN 1 HOUR OF FINAL STRIKING AT THE MANUFACTURER RECOMMENDED APPLICATION RATE.
15. 3/4" THICK PRE-MOLDED FIBER EXPANSION JOINTS WITH 2 . 3/4" x 18" PLAIN ROUND, STEEL DOWEL BARS SHALL BE INSTALLED IN ALL CURBS AT (45') FORTY-FIVE FOOT INTERVALS AND AT ALL P.C.'S, P.T.'S AND CURB RETURNS. ALTERNATE ENDS OF THE DOWEL BARS SHALL BE GREASED AND FITTED WITH METAL EXPANSION TUBES. ALL EXPANSION JOINTS MUST BE FREE OF CONCRETE FOR FULL DEPTH. CONTRACTION JOINTS SHALL BE TOOLED AT 15' INTERVALS.
16. UNLESS OTHERWISE NOTED ON THE PLANS WHENEVER NEW CONCRETE ABUTS EXISTING/ OR NEW CONCRETE SET A 1/2" THICK PRE-MOLDED FIBER EXPANSION JOINT AND DOWEL WITH SMOOTH 12" #4 BARS @ 24" O.C. THIS INCLUDES CONCRETE POURED ADJACENT TO EXISTING SIDEWALKS, CURBS AND BUILDING. THE DOWEL BARS SHOULD BE 4" INTO EXISTING CONCRETE WITH 8" EXTENDING INTO NEW CONCRETE.
17. ALL DOWEL BARS AND TIE BARS SHALL BE EPOXY COATED UNLESS NOTED OTHERWISE.
18. SPREAD SCREENED TOPSOIL ON ALL DISTURBED AREAS AND PROPOSED GREEN AREAS. TOPSOIL SHALL COMPLY WITH REQUIREMENTS OF ARTICLE 1081.05.
19. ALL SIGNAGE SHALL BE INSTALLED IN ACCORDANCE WITH THE MOST RECENT VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND ILLINOIS SUPPLEMENT OR ILLINOIS DEPARTMENT OF TRANSPORTATION DETAILS.
20. ALL SIGNAGE NOT ATTACHED TO SIGNAL OR LIGHTING POLES SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS WITH BREAKAWAY BASES IN ACCORDANCE WITH SECTION 728.
21. ALL SIGNAGE SHALL HAVE TYPE ZZ SHEETING.

STORM SEWERS	MODEL/SPECIFICATION	STANDARDS/REQUIREMENTS	
FINGERDRAINS	PVC SDR 35	PIPE: ASTM D-3034	SOLVENT WELD JOINT
ADJUSTMENT RINGS	CONCRETE	4" MINIMUM, 12" MAXIMUM	
PIPE BEDDING MATERIAL	CA-11		
TRENCH BACKFILL FINGERDRAIN	CA7/CA-11	CRUSHED CONCRETE NOT ALLOWED, ALL STONE MUST BE WASHED	

1. AT A MINIMUM, THE CONTRACTOR SHALL INSTALL AND MAINTAIN SOIL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN THE LATEST EDITION OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S URBAN MANUAL.
2. 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. 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.
3. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY ROAD OF MATERIAL THAT IS FROM THE PROJECT. THIS WILL BE DONE AT THE CLOSE OF EACH DAY OF WORK OR MORE FREQUENTLY AS FIELD CONDITIONS WARRANT.
4. ALL STORM WATER STRUCTURES WITH OPEN LIDS SHALL BE PROTECTED WITH INLET FILTER BASKETS. DURING CONSTRUCTION, SEDIMENT SHALL BE REMOVED AS NEEDED, AND BASKETS SHALL BE REPAIRED OR REPLACED AS NEEDED.
5. AFTER ACHIEVING PERMANENT VEGETATION, ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE REMOVED, AND THE DRAINAGE STRUCTURES SHALL BE CLEANED.
6. THE CONTRACTOR SHALL KEEP A WATER SOURCE AT THEIR DISPOSAL FOR THE PURPOSE OF WATERING DOWN SOIL ON SITE AND ADJACENT ROADWAYS WHICH OTHERWISE MAY BECOME AIRBORNE.
7. THE CONTRACTOR SHALL STABILIZE ALL IDLE, DISTURBED AREAS WITHIN SEVEN DAYS OF CESSATION OF THE CONSTRUCTION ACTIVITIES IN THAT AREA.
8. THE CONTRACTOR IS EXPRESSLY ADVISED NOT TO DISTURB AREAS WHICH ARE OUTSIDE THOSE NECESSARY TO PROVIDE THE IMPROVEMENTS AS CALLED FOR IN THE PLANS.
9. ALL EROSION CONTROL MEASURES SHALL BE REPLACED IF DAMAGED OR MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
10. CONCRETE WASHOUT FACILITIES SHALL BE MADE AVAILABLE IF NEEDED, AND PROPERLY MAINTAINED THROUGHOUT THE PROJECT.
11. PROPERLY MANAGE ALL MATERIAL STORAGE AREAS, PORTABLE TOILETS, AND EQUIPMENT FUELING, CLEANING, AND MAINTENANCE AREAS TO ENSURE THESE AREAS ARE FREE OF SPILLS, LEAKS, OR OTHER POTENTIAL POLLUTANTS.
12. WASTE, CONSTRUCTION DEBRIS, AND BUILDING MATERIALS SHALL BE COLLECTED AND PLACED IN APPROVED RECEPTACLES.



GHA GEWALT HAMILTON
ASSOCIATES, INC.
625 Forest Edge Drive ■ Vernon Hills, IL. 60061
TEL 847.478.9700 ■ FAX 847.478.9701

COPYRIGHT NOTICE

This drawing is the property of Gewalt-Hamilton Assoc., Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from Gewalt-Hamilton Associates, Inc.

PALATINE PARK DISTRICT
HAMILTON PARK - 2024 SOUTH PARKING LOT IMPROVEMENTS
1103 NORTH SMITH STREET, PALATINE, ILLINOIS 60067

								FILE: 5241.222-DT.dwg				SHEET NUMBER: 7	
								DRAWN BY: TLM		GHA PROJECT #			
								DATE: 03-22-24		5241.222			
								CHECKED BY: DED		SCALE:		OF 8 SHEETS	
NO. BY DATE REVISION				NO. BY DATE REVISION				DATE: 03-22-24		N.A.			

Project Type (From above)	Project Category (From Above)	Media File #/Name	Project Category Cost	ADA Portion of Project Category Cost	% ADA Dollars Requested
Routes & Surfaces	Accessible routes & Parking	1-5	397769.52	37766.07	9.49%
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
				#DIV/0!	
Total Project Cost		397769.52			
Total ADA Portion of Project Cost		37766.07			
Total % of ADA Dollars Requested		9.49%			